Project Name: FM GIS Indoors Project ID:

Leadership Group: Land				
Department: Facilities Management		Division: Facili	ties Planning an	d Engineering
Project Sponsor: Art Holdsworth	Date Requested	d: 5/1/21	PM Custom	er No. 148
Request Type: New Development	Eni	hancement	Customer S	Support
Planned Sy	stem Maintenance	e or Upgrade		
IT Team Name: Infrastructure and GIS		IT Team No: 1		
Project Manager/Leader: Dennis Faus	stich			
Account Account Number: Description	:		Customer Name:	Facilities Mgmt
Grant Funded? Yes <u>No</u>		ndate? Ye	s <u>No</u>	

Project Goal

To implement an automated solution to convert CAD data to GIS data so that Facilities Management staff can easily and accurately report on department space allocations, streamline their data maintenance workflow and provide up to date GIS applications & dashboards to support building maintenance throughout the county campus.

Business Objective

To use the best workflows and technologies to automate the conversion of CAD data to GIS data so that Facilities Management can easily create and accurately report out Space Allocations to departments and provide up to date GIS applications and dashboards for staff working on the county campus.

Major Deliverables

- Business Requirement Documentation
- License GIS Indoors Software, Geoprocessing tools and Training
- Coordinate and attend Esri training
- Standup New data model
- Install Geoprocessing tool solution for automated conversion of CAD data to GIS data
- Implement and support data migration
- Modify CAMS to support new GIS Indoors workflows
- Configure GIS Indoors apps/dashboard
- Train FM staff on new systems and workflows
- Go-Live Preparations
- Post Implementation Support

Project Name: FM GIS Indoors Project ID:

Approach

- Develop Detailed Project Plan
- Document Business Requirements
- Standup GIS Indoors data model
- Install and configure GIS Indoors geoprocessing tools
- Coordinate with the customer and vendor on training and use of the geoprocessing tools
- Perform data migration
- Configure AGO applications & dashboards
- Modify CAMS to support new GIS Indoors workflows
- Acquire User Acceptance Sign off
- Conduct Change Control
- Train users on new system and new workflows
- Release new changes/data into production
- Post-Implementation Support

Research & Analysis

Gartner Research Recommendation - No Results Found

Benefits

See Return on Investment (ROI) Analysis Document

Impact

Number of Users 65+

Divisions FM Staff & County Department Leads

Leadership Groups Land

<u>Risk</u>

Business Environment Medium – Project requires some changes to existing business

processes

Technical Environment Medium – Previously implemented technologies with new aspects

and/or new requirements.

Project Name: FM GIS Indoors Project ID:

Assumptions

Staffing IT Staffing: resources will be available for the hours indicated per the attached

project plan.

Other Staffing: additional staffing will be available as follows:

Role:NameHours per DayProject Sponsor:Art HoldsworthAs Needed

Jason Warner As Needed

FM Data/Content Editors Rob Mabe As Needed

Facilities

None

Technical

•

Funding

TBD

Other

None

Priority

Constraints

• Can CAMS consume map services from GIS Indoors?

Exclusions

•

Project Name: FM GIS Indoors Project ID:

PROJECT PHASE AUT	HORIZATION		
Phase(s):			
Total Estimated Application Services	Hours:		
Total Estimated Technical Systems	Hours:		
Total Estimated CLEMIS	Hours:		
Total Estimated Internal Services	Hours:		
IT Application Services Division Manager Approval:			Date:
IT Technical Systems Division Manager Approval:			Date:
IT CLEMIS Division Manager Approval:			Date:
IT Internal Services Division Manager Approval:			Date:
IT Management Approval:			
Approved: Yes	No		Date:
Reason:			
Project Sponsor Approval:			
Title:			Date:
PROJECT SUM	MARY		
Authorized Development (see above)	Hours:		
Previously Authorized Development	Hours:		
Preliminary Estimated Development for Future Phases	Hours:		
Grand Total Estimated Development	Hours:	Cost:	

Project Name: FM GIS Indoors Project ID:

PROJECT COMPLETION AUTHORIZATION

Customer Acceptance of Product:	
Title:	Date:
Project Office Review:	Date:

As Of: 5/12/2021

Return on Investment Analysis

Project Summary

Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Benefits/Savings:							
Tangible Benefits Subtotal:	0	0	0	0	0	0	0
Cost Avoidance Subtotal:	0	28,730	28,730	28,730	28,730	28,730	143,650
Costs:							
Development Services Subtotal:	0	0	0	0	0	0	0
Hardware Subtotal:	0	0	0	0	0	0	0
Software Subtotal:	0	0	0	0	0	0	0
Infrastructure Subtotal	0	0	0	0	0	0	0
Training Subtotal:	0	0	0	0	0	0	0
Other Subtotal:	0	0	0	0	0	0	0
Annual Statistics:							
Annual Total Savings	0	28,730	28,730	28,730	28,730	28,730	143,650
Annual Total Costs	0	0	0	0	0	0	0
Annual Return on Investment		28,730	28,730	28,730	28,730	28,730	143,650
Annual Costs/Savings Ratio	0.00%	0.00%	0.00%	0.00%	0.00%		,
Project Cumulative Statistics:							
Cumulative Total Savings	0	28,730	57,460	86,190	114,920	143,650	143,650
Cumulative Total Costs	0	0	0	0	0	0	0
Cumulative Return on Investment		28,730	57,460	86,190	114,920	143,650	143,650
Cumulative Cost/Savings Ratio	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Year Positive Payback Achieved							NO PAYBACK
State or Federal Mandate?							TO TATIBATION
Signatures:							
Benefits Reviewed By Project Sponsor				Date: _			
Costs (including IT Resources) Reviewed By Information Technology Project Manager				Date:			
33							

Return on Investment Analysis

Savings Detail

Benefit/Savings Description	Project Savings Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Savings	Annual Multiplier
Staff time saved editing GIS features in							
ArcMap	Cost Avoidance			390	34	13,260	1.000
Staff time saved updating and							
preparing Space Allocation							
documentation for departments	Cost Avoidance			350	34	11,900	1.000
Staff time saved not updating and							
configuring AGO Applications	Cost Avoidance			105	34	3,570	1.000
						0	
						0	
						0	
						0	
						0	
						0	
						0	
						0	
						0	
						0	
						0	

Return on Investment Analysis

Savings Detail

		Af	fect	s P	roj	jec	t R	OI?	7		Po	tential Savir	ngs Extensio	ns	
Benefit/Savings Description	Project Savings Category	Y1	Y2	Y3	3 Y	/ 4	Y5	Ye	6	Y 1	Y2	Y 3	Y 4	Y5	Y6
Staff time saved editing GIS features in			<u> </u>	!	Ţ	I		Ī	T						
ArcMap	Cost Avoidance		Х	Х	х		Χ	Х		į	13,260.00	13,260.00	13,260.00	13,260.00	13,260.00
Staff time saved updating and			Î	ĺ	ı	Î		İ		Ī					
preparing Space Allocation				ĺ	Ì	Î									
documentation for departments	Cost Avoidance		Х	Х	Х		Х	Х		İ	11,900.00	11,900.00	11,900.00	11,900.00	11,900.00
Staff time saved not updating and					T	Ĭ		Ĭ	T						
configuring AGO Applications	Cost Avoidance		Х	Х	х		Х	Х			3,570.00	3,570.00	3,570.00	3,570.00	3,570.00
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As Of: 5/12/2021

Return on Investment Analysis

Savings Summary

Benefit/Savings Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Tangible Benefit:							
Tangible Benefits Subtotal:							
Cost Avoidance:							
Staff time saved editing GIS features in							
ArcMap		13,260	13,260	13,260	13,260	13,260	66,300
Staff time saved updating and preparing							
Space Allocation documentation for		11,900	11,900	11,900	11,900	11,900	59,500
Staff time saved not updating and configuring							
AGO Applications		3,570	3,570	3,570	3,570	3,570	17,850
Cost Avoidance Subtotal:		28,730	28,730	28,730	28,730	28,730	143,650
Intangible Benefit:							
Savings Total:		28,730	28,730	28,730	28,730	28,730	143,650

Return on Investment Analysis

								Af	ects	s Pro	ject	RO	?
Cost Description	Project Cost Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Cost	Annual Multiplier	Y1	Y2	Y3 '	Y 4	Y5 '	Y 6
IT Development Hours	Development Svcs				165	0				\equiv	Ŧ	T	
IT Hours - System Maintenance	Development Svcs				165	0	1.000					İ	
IT Hours - Customer Support	Development Svcs				165	0	1.000						
IT Hours - Planned Maintenance	Development Svcs				165	0	1.000						
User Hours - New Development	Development Svcs					0							
User Hours - PTNE/OT	Development Svcs					0							
Contractor Professional Services	Development Svcs					0							
PC System - Acquisition	Hardware				814	0							
PC System - Maintenance	Hardware				2,304	0							
Notebook - Acquisition	Hardware				1,223	0							
Notebook - Maintenance	Hardware				2,372	0							
Tablet Notebook - Acquisition	Hardware				2,012	0							
Tablet Notebook - Maintenance	Hardware					0							
Laserprinter - Acquisition	Hardware				1,432	0							
Laserprinter - Maintenance	Hardware				1,104	0							
Image Workstations - Acquisition	Hardware					0							
Image Workstations - Maintenance	Hardware				3,496	0							
PC Maintenance User Owned	Hardware				2,304	0							
Printer Maintenance User Owned	Hardware				1,072	0							
File Space (100GB)	Hardware		ANN		173	0							
Internet Bandwidth per MB	Hardware		ANN		750	0							
Package Software - Acquisition	Software					0							
Package Software - Maintenance	Software					0							
Business Objects Access	Software					0							
Term Emulation SFTW-Acquisition	Software					0							
Term Emulation SFTW-Maintenance	Software					0							
Server - Acquisition/Upgrade	Infrastructure				8,000	0							
Server - Maintenance	Infrastructure				360	0							
Server Sftwre - Acquisition/Upgrade	Infrastructure				335	0							
Server Sftwre - Maintenance	Infrastructure					0							
Server Rack Mount	Infrastructure				400	0							
Oracle Enterprise Per Processor -											T		\neg
Includes Year 1 Maintenance	Infrastructure				21,372	0					ĺ		
Oracle Enterprise Per Processor - Year											T		\neg
2 and Beyond	Infrastructure				3,432	0							

Return on Investment Analysis

								Af	fect	s Pro	oiec	t ROI?
	Project Cost	Budget Category/Funding	Unit		Rate per		Annual					
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	Y1	Y2	Y3	Y 4	Y5 Y6
SQL Server Enterprise - Per Processor										\Box	\equiv	
(4 cores) - Purchased Sept 2016-Aug											- 1	
2017 - Includes Maintenance thru Aug										1	į	
2019	Infrastructure				24,533	0				i i		
SQL Server Enterprise - Per Processor												
(4 cores) - Purchased Sept 2017-Aug										<u>i I</u>	- 1	
2018 - Includes Maintenance thru Aug										1	į	
2019	Infrastructure				20,759	0				i i	ı	
SQL Server Enterprise - Per Processor												
(4 cores) - Purchased Sept 2018-Aug										1	į	
2019 - Includes Maintenance thru Aug										1 İ	į	
2019	Infrastructure				16,985	0				i i	- 1	į
SQL Server Enterprise - Maintenance,												
Per Processor (4 cores) - Sept 2019										1	į	
and Beyond	Infrastructure				4,218	0				i i	ı	
SQL Server Standard - Per Processor												
(4 cores) - Purchased Sept 2016-Aug										i i	į	
2017 - Includes Maintenance thru Aug										i i	ı	
2019	Infrastructure				6,398	0				i i	- 1	l
SQL Server Standard - Per Processor												
(4 cores) - Purchased Sept 2017-Aug										1 1	- 1	
2018 - Includes Maintenance thru Aug										i 1	- 1	
2019	Infrastructure				5,414	0					ı	
SQL Server Standard - Per Processor												
(4 cores) - Purchased Sept 2018-Aug										i 1	- 1	
2019 - Includes Maintenance thru Aug										i 1	ı	
2019	Infrastructure				4,429	0				1 1	į	
SQL Server - Standard Maintenance,												
Per Processor (4 cores) - Sept 2019										i İ	į	İ
and Beyond	Infrastructure				1,100	0				į į	ı	
Websphere Basic Per Processor												
Single/Dual Core - Includes Year 1										i i	ı	į
Maintenance	Infrastructure		<u> </u>		3,506	0				<u>i İ</u>	1	

Return on Investment Analysis

								Aff	ects	s Pro	oiect	t ROI?
	Project Cost	Budget Category/Funding	Unit		Rate per		Annual	:				1
Cost Description	Category	Source	Desc	Units	Unit	Total Cost	Multiplier	Y1	Y2	Y3	Y 4	Y5 Y6
										ł	ŀ	
Websphere Basic Per Processor								li		į	į	
g ,	Infrastructure				701	0				į	į	
Websphere ND Per Processor										l	į	
Single/Dual Core - Includes Year 1										į		
Maintenance	Infrastructure				13,180	0				į	į	
Makankana ND Day Dysassan										į	į	
Websphere ND Per Processor					0.005	0				į		
	Infrastructure				2,635	0				į	- į	
SSL Certificate	Infrastructure				845	0		H				
Internet Access	Infrastructure				180	0				į		
Imperva Web Application Firewall										l	į	
(External Web Applications Only)	Infrastructure		ANN		500	0					į	
App Code Directories on Consolidated						_		li		į	ı	
IIS Server (Virtual)	Infrastructure		ANN		415	0		I i			į	
Database (5 GB) on Consolidated SQL								li		ĺ	- 1	
Instance Server	Infrastructure		ANN		930	0				!	!	
Database Instance (125 GB DB) on								li		į	į	
Consolidated SQL Server	Infrastructure		ANN		2,395	0		i		į		
Database SQL Maint Server	Infrastructure		ANN		834	0		İ		į	į	
Database SQL Server Physical	Infrastructure		ANN		19,158	0		İ		Î	ĺ	į
DB Maintenance (Annual Cycle \$610)	Infrastructure		ANN		610	0				i	į	
DB Maintenance (Semi-Annual Cycle										į		
\$1220)	Infrastructure		ANN		1,220	0		li		į	l	
DB Maintenance (Semi-Annual Cycle												
\$2440)	Infrastructure		ANN		2,440	0				ŀ	İ	
Dedicated Virtual Server	Infrastructure		ANN		4,150	0				i	I	
DB Instance Setup	Infrastructure				976	0					į	
DBA MS SQL Database Creation on										į	i	
Exisitng Instance	Infrastructure				366	0				į	į	
-										į	Ţ	
Extra Small - 2 Core 8GB RAM, 500GB										į	l	
Drive, 10 GB NIC - Cloud/Virtual = \$601										į	į	
On Premise Physical Server = N/A	Infrastructure		ANN							į	ļ	

Return on Investment Analysis

								Af	fect	s Pr	ojec	t RO	l?
Cost Description	Project Cost Category	Budget Category/Funding Source	Unit Desc	Units	Rate per Unit	Total Cost	Annual Multiplier	Y1	Y2	Y 3	Y4	Y5	Y6
Small - 4 Core 16GB RAM, 500GB Drive, 10 GB NIC - Cloud/Virtual = \$951													
	Infrastructure		ANN										
Medium - 8 Core 32GB RAM, 500GB												Ì	
Drive, 10 GB NIC - Cloud/Virtual =												į	
\$1,702 On Premise Physical Server =												į	
+ - , -	Infrastructure		ANN									į	
Large - 16 Core 64GB RAM, 500GB												į	
Drive, 10 GB NIC - Cloud/Virtual =												İ	
\$3,167 On Premise Physical Server =												į	
+ -, -	Infrastructure		ANN									į	
Extra Large - 40 Core 160GB RAM,												İ	
500GB Drive, 10 GB NIC - Cloud/Virtual												į	
= \$7,564 On Premise Physical Server =												į	
\$12,906	Infrastructure		ANN										
Project Staff Training	Training												
User Training	Training											i	
												—∔	
												į	
												<u>i</u>	

Return on Investment Analysis

		Potential Cost Extensions								
	Project Cost									
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6			
IT Development Hours	Development Svcs		I I I		I I I		 			
IT Hours - System Maintenance	Development Svcs									
IT Hours - Customer Support	Development Svcs			į			•			
IT Hours - Planned Maintenance	Development Svcs									
User Hours - New Development	Development Svcs		Î I I	i I	i I I		! !			
User Hours - PTNE/OT	Development Svcs									
Contractor Professional Services	Development Svcs					-	}			
PC System - Acquisition	Hardware									
PC System - Maintenance	Hardware						}			
Notebook - Acquisition	Hardware									
Notebook - Maintenance	Hardware			İ			į			
Tablet Notebook - Acquisition	Hardware			i			ĺ			
Tablet Notebook - Maintenance	Hardware		<u> </u>	į		!	<u> </u>			
Laserprinter - Acquisition	Hardware		<u> </u>	į	<u>.</u>		į			
Laserprinter - Maintenance	Hardware			İ			į			
Image Workstations - Acquisition	Hardware		Ĭ I I	İ	Ĭ I I		İ			
Image Workstations - Maintenance	Hardware									
PC Maintenance User Owned	Hardware						İ			
Printer Maintenance User Owned	Hardware		Î	Ì			ĺ			
File Space (100GB)	Hardware									
Internet Bandwidth per MB	Hardware		İ	į			į			
Package Software - Acquisition	Software									
Package Software - Maintenance	Software]] 					
Business Objects Access	Software									
Term Emulation SFTW-Acquisition	Software			ŀ			ŀ			
Term Emulation SFTW-Maintenance	Software		î ! !	Î	î !		Î Î			
Server - Acquisition/Upgrade	Infrastructure									
Server - Maintenance	Infrastructure		İ	į			į			
Server Sftwre - Acquisition/Upgrade	Infrastructure									
Server Sftwre - Maintenance	Infrastructure			į.			l l			
Server Rack Mount	Infrastructure			1						
Oracle Enterprise Per Processor -			!				İ			
Includes Year 1 Maintenance	Infrastructure		! !	-	ļ	1				
Oracle Enterprise Per Processor - Year										
2 and Beyond	Infrastructure					<u> </u>				

Return on Investment Analysis

		Potential Cost Extensions					
	Project Cost						
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6
SQL Server Enterprise - Per Processor			}	-	:	:	
(4 cores) - Purchased Sept 2016-Aug				ļ			! ! !
2017 - Includes Maintenance thru Aug						ļ	
2019	Infrastructure			İ		•	
SQL Server Enterprise - Per Processor			î ! !	Ĭ	î ! !		ì
(4 cores) - Purchased Sept 2017-Aug							
2018 - Includes Maintenance thru Aug				ļ		•	!
2019	Infrastructure			İ		•	
SQL Server Enterprise - Per Processor			Î I	Į.	i !	•	
(4 cores) - Purchased Sept 2018-Aug							
2019 - Includes Maintenance thru Aug				ļ		•	!
2019	Infrastructure			İ		İ	
SQL Server Enterprise - Maintenance,			! !	1			! !
Per Processor (4 cores) - Sept 2019							
and Beyond	Infrastructure			į		•	
SQL Server Standard - Per Processor				İ			
(4 cores) - Purchased Sept 2016-Aug			!				
2017 - Includes Maintenance thru Aug				į		•	
2019	Infrastructure					İ	
SQL Server Standard - Per Processor			!		!	!	
(4 cores) - Purchased Sept 2017-Aug			<u> </u>	į		•	
2018 - Includes Maintenance thru Aug				į	İ	İ	
2019	Infrastructure		i ! !				
SQL Server Standard - Per Processor							
(4 cores) - Purchased Sept 2018-Aug				İ			
2019 - Includes Maintenance thru Aug							
2019	Infrastructure			ļ			! ! !
SQL Server - Standard Maintenance,				İ	<u> </u>		
Per Processor (4 cores) - Sept 2019				İ			
and Beyond	Infrastructure		•	-	•		!
Websphere Basic Per Processor			!				
Single/Dual Core - Includes Year 1				İ	İ	İ	[
Maintenance	Infrastructure		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Return on Investment Analysis

		Potential Cost Extensions					
	Project Cost			-			!
Cost Description	Category	Y1	Y2	Y3	Y4	Y5	Y6
						 	i i
Websphere Basic Per Processor							ļ
Single/Dual Core - Year 2 and Beyond	Infrastructure		i !	į		į	
Websphere ND Per Processor							
Single/Dual Core - Includes Year 1			ļ			! !	!
Maintenance	Infrastructure						<u> </u>
W. L. N. D. D.				-		ļ	
Websphere ND Per Processor			ļ			! !	!
Single/Dual Core - Year 2 and Beyond	Infrastructure			<u> </u>		!	<u> </u>
SSL Certificate	Infrastructure						
Internet Access	Infrastructure		ļ	ļ		į.	
Imperva Web Application Firewall				İ		ļ	İ
(External Web Applications Only)	Infrastructure						
App Code Directories on Consolidated			!	ļ		! !	
IIS Server (Virtual)	Infrastructure						
Database (5 GB) on Consolidated SQL			!			•	ļ
Instance Server	Infrastructure						
Database Instance (125 GB DB) on			ļ			! !	!
Consolidated SQL Server	Infrastructure						
Database SQL Maint Server	Infrastructure		!			•	ļ
Database SQL Server Physical	Infrastructure		i	İ			į
DB Maintenance (Annual Cycle \$610)	Infrastructure		!				
DB Maintenance (Semi-Annual Cycle							
\$1220)	Infrastructure						
DB Maintenance (Semi-Annual Cycle							ŀ
\$2440)	Infrastructure		İ				Ì
Dedicated Virtual Server	Infrastructure					!	<u> </u>
DB Instance Setup	Infrastructure						
DBA MS SQL Database Creation on			•	-		!	!
Exisitng Instance	Infrastructure						
				1		ļ	
Extra Small - 2 Core 8GB RAM, 500GB			į	į		•	•
Drive, 10 GB NIC - Cloud/Virtual = \$601				İ		į	İ
On Premise Physical Server = N/A	Infrastructure		<u> </u>			<u> </u>	<u> </u>

Return on Investment Analysis

		Potential Cost Extensions						
Cost Description	Project Cost Category	Y1	Y2	Y3	Y4	Y5	Y6	
0 II 4 0 400D DAM 5000D								
Small - 4 Core 16GB RAM, 500GB			! ! !	ļ				
Drive, 10 GB NIC - Cloud/Virtual = \$951							į	
, , , , , ,	Infrastructure							
Medium - 8 Core 32GB RAM, 500GB							İ	
Drive, 10 GB NIC - Cloud/Virtual =			i !	į	•	į	į	
\$1,702 On Premise Physical Server =				į	į	į	į	
\$9,751	Infrastructure			į	į	į	İ	
Large - 16 Core 64GB RAM, 500GB				Ĭ	Ĭ I		<u> </u>	
Drive, 10 GB NIC - Cloud/Virtual =			! ! !	ļ				
\$3,167 On Premise Physical Server =							į	
· ·	Infrastructure			•	•	•		
Extra Large - 40 Core 160GB RAM,				İ	İ			
500GB Drive, 10 GB NIC - Cloud/Virtual] 	ł		•	-	
= \$7,564 On Premise Physical Server =								
\$12,906	Infrastructure			İ	•	•	•	
Project Staff Training	Training		 	į	<u> </u>		!	
User Training	Training							
-	-							
				İ	İ			
					!	-	1	

Return on Investment Analysis

Cost Summary

Cost Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total
Development Services:							
IT Development Hours							
IT Hours - System Maintenance							
IT Hours - Customer Support							
IT Hours - Planned Maintenance							
User Hours - New Development							
User Hours - PTNE/OT							
Contractor Professional Services							
Development Services Subtotal:							
Hardware:							
Hardware Subtotal:							
Software:							
Software Subtotal:							
nfrastructure:							
Infrastructure Subtotal							
Training:							
Training Subtotal:							
Other:							
Other Subtotal:							
Costs Total:							

As Of: 5/12/2021

Return on Investment Analysis

Assumptions

Date	Assumption Description
12-May-21	FPE staff would save 390 Hours annually by not having to manually update GIS layers in ArcMAP. Labor Costs = \$13K/yr
	FPE staff would save 350 Hours annually by not having to manually update and create Space Allocation documentation to be reported out to
12-May-21	departments. Labor Costs = \$12K /yr.
12-May-21	FPE staff would save 105 Hours annually by not having to re-publish and configure AGO applications. Labor Costs = \$3,500K/yr.

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