Information Technology 2021/2022 Master Plan

Prepared by
Oakland County Department of Information Technology
Project Management Office

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Table of Contents

This report is comprised of the following sections:

	<u>Page</u>
Introduction	1
Labor Distribution	2
Structure	
Leadership Groups	
Representation	
Future Leadership Group Meeting Dates	6
Process	
Biannual Master Planning Process	7
Project Assessment Critoria	10
Project Assessment Criteria	10
Labor Definitions	12
Availability and Allocation	13
Master Plan Activity	
Courts/Justice Administration	20
Finance/Admin	23
Land	
eGovernment	
Internal Services	
Technical Systems & Networking	
CLEMIS	
CLEMIS - Radio2021-2022 Master Plan Allocation Analysis	
202 1-2022 Master Flan Allocation Allarysis	40

Introduction

Oakland County Information Technology (IT) has always played an integral role in County operations. The effective use of technology remains the only feasible method of controlling and maintaining vast amounts of information required to efficiently and effectively operate the County. The staff at IT takes significant pride in the Department's accomplishments and continues to strive towards more effective solutions to the County's business missions, goals, and objectives.

The overall goal of the Master Planning process is to develop a clearer picture of the way Information Technology's development resources can support the County's short and long-term information needs. This plan will:

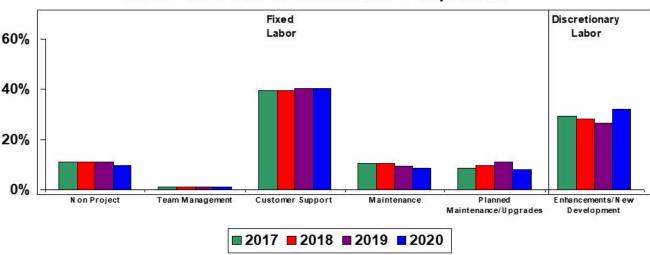
- Assist County Business Units in communicating to IT the direction and priorities of projects.
- Aid IT in allocating appropriate scarce resources to support project requests.
- Provide a framework for IT Leadership Groups and IT management to continually measure and re-evaluate information systems efforts.
- Support IT in its determination of the types of technologies that will be of use to future organizational applications.
- Assist IT in charting strategies and individual project plans to support the business units
 present and future information needs.

Oakland County Department of Information Technology is comprised of four divisions: Application Services, Technical Systems and Networking, CLEMIS, and Administration/Internal Services. This Master Plan is limited to the utilization of the budgeted positions and professional services allocation for these divisions. The plan encompasses the 2021-2022 fiscal years of 10/3/20 through 9/30/22.

This plan represents the commitment of the Department of Information Technology to partner with the County's various departments and divisions in an effort to effectively utilize Oakland County's IT development resources.

Labor Distribution

Information Technology's Project Management System includes historical information that can be used to analyze the allocation of IT labor across IT's Application Services Division, Technical Systems and Networking Division, CLEMIS Division and Internal Services/Administration Division. The chart below provides the types and ratio of labor necessary to operate these divisions.



2017 - 2020 Labor Distribution Comparison

In the 2019-2020 Master Plan IT expended 72% on fixed labor (Customer Support, Maintenance, Planned Maintenance and Upgrades, Team Management and Non-Project time) and 28% discretionary (enhancing existing systems or developing new systems). The fixed labor is required simply to maintain the status quo and support existing systems and customers.

In the 2021-2022 Master Plan, IT is planning 72% for fixed labor delivery and 28% discretionary.

Leadership Groups

Information Technology Leadership Groups provide the vehicle for Oakland County Information Technology customers to help direct and allocate valuable IT development resources to initiatives and projects that are the most beneficial to the County organization as a whole.

The objectives of the Information Technology Leadership Groups are to:

- Provide uniform project definition.
- Evaluate project value to the County organization and County constituents.
- Determine resource allocation through project prioritization with departmental input.
- Assist IT Project Managers in the planning of inter-dependant projects.
- Identify ways to better leverage existing resources, both IT and the Business Units.

These objectives provide the basis for the various Leadership Groups to operate and partner with the Department of Information Technology as an integral part of the annual Master Planning process.

Representation

The following Leadership Groups are comprised of a single representative from each of the functional areas shown below. These representatives participated in the 2021/2022 Master Planning Process.

		Functional Area	
Leadership Group	Department	Division Designate Representa Alternate	
Courts/Justice Administration	Circuit Court	Administrator, Family Division (includes FOC), Business Division, General Jurisdiction Division	John Cooperrider Chris Bujak Lisa Czyz
Chair: John	County Clerk	Clerk & Elections	Jennifer Howden Heidi Walling
Cooperrider	District Court	52-1, 52-2, 52-3, 52-4	Dana O'Neal
	Probate Court	Administrator, Estates and Mental Health	Edward Hutton III
Vice Chair: Joanna Overall	Prosecutor	Appellate, Circuit, District, Juvenile, Family Support, Criminal Investigations, Warrants	Jeffrey Kaelin
Rec Sec: Jennifer Howden	Public Services	Children's Village	Heather Calcaterra Joe Hall
	Public Services	Animal Control	Bob Gatt Joanie Toole
	Public Services	Community Corrections, Circuit Court Probation, Medical Examiner, Cooperative Extension	Barb Hankey Diana Carver

		Functional Area	
Leadership Group	Department	Division	Designated Representative / Alternate
Finance/Admin	Board of Commissioners	Administration, Library	Chris Ward
Chair:	Central Services	Support Services, Materials Management	Todd Birkle
Lynn Sonkiss	Corporation Counsel	Corporation Counsel, Risk Management	Joellen Shortley Pat Davis
Vice Chair: Kristy Slosson	County Executive	Administration, Compliance Office - Auditing, Media & Communications	Pamela Weipert Scott Guzzy
Rec Sec: Pam Weipert	Health and Human Services	Homeland Security	Tom Hardesty Sara Stoddard
	Economic Development & Community Affairs	Workforce Development, Business Development, Veterans Services	Dan Hunter
	Human Resources	Employee Relations, Human Resources	Kristy Slosson
	Health and Human Services	Public Health, Community & Home Improvement, MSU Extension	Leigh-Anne Stafford Sara Stoddard
	Management and Budget	Accounting, Budget, Reimbursement, Compliance Office - Purchasing	Lynn Sonkiss Terri Meiers
	Treasurer	General Accounting	Jody DeFoe

		Functional Area	
Leadership Group	Department	Division	Designated Representative / Alternate
Land	Board of Commissioners	Parks and Recreation	Phil Castonia
	Central Services	Aviation and Transportation	Michelle Stover
Chair: Leigh-Anne	Economic Development & Community Affairs	Development and Planning, Solid Waste	Dan Hunter
Stafford	Facilities Management	Facilities Engineering, FM&O, Building Safety	Art Holdsworth
Vice Chair:	GIS Steering Committee		Tammi Shepherd
Art Holdsworth	Health and Human Services	E-Health	Leigh-Anne Stafford Sara Stoddard
Rec Sec:	Management and Budget	Equalization	Tiffany Jacob
Tiffany Jacob	Register of Deeds	Register of Deeds	Jennifer Conte Lisa Brewer
	Treasurer	Tax Administration	Jody DeFoe
	Water Resources Commissioner	All	Nancy Basch Tim Prince
IT Steering Committee	Information Technology eGovernment		Status provided to all Leadership Groups
	Information Technology Internal Services		Status provided to all Leadership Groups
	Information Technology Technical Systems & Networking		Status provided to all Leadership Groups
CLEMIS Strategic Planning Committee	CLEMIS Sheriff		CLEMIS Members

Future Leadership Group Meeting Dates

Listed below is the schedule of the Leadership Group Quarterly Status meetings. All meetings will be held at Information Technology, Conference Room 126.

Meeting Dates / Times					
Leadership	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
Group	2021	2021	2021	2021	
Courts/Justice	01/26/21	04/27/21	07/27/21	10/26/21	
Administration	9:00 a.m.	9:00 a.m.	9:00 a.m.	9:00 a.m.	
Finance/Admin	01/26/21	04/27/21	07/27/21	10/26/21	
	2:00 p.m.	2:00 p.m.	2:00 p.m.	2:00 p.m.	
Land	01/26/21	04/27/21	07/27/21	10/26/21	
	3:00 p.m.	3:00 p.m.	3:00 p.m.	3:00 p.m.	

Meeting Dates / Times					
Leadership 1st Qtr 2nd Qtr 3rd Qtr 4r Group 2022 2022 2022 2022					
Courts/Justice	01/25/22	04/26/22	07/26/22	10/25/22	
Administration	9:00 a.m.	9:00 a.m.	9:00 a.m.	9:00 a.m.	
Finance/Admin	01/25/22	04/26/22	07/26/22	10/25/22	
	2:00 p.m.	1:00 p.m.	1:00 p.m.	1:00 p.m.	
Land	01/25/22	04/26/22	07/26/22	10/25/22	
	3:00 p.m.	3:00 p.m.	3:00 p.m.	3:00 p.m.	

Process

Biannual Master Planning

The master planning process consists of several steps, as shown in Figure 1. Each of these steps will be performed on a biannual basis whereby each Leadership Group will formulate their IT project requests. The process consists of the following major activities:

Project Definition

Each of the functional areas will initiate standard project definitions using IT's Project Scope and Approach document and the Return on Investment (ROI) Analysis spreadsheet (see the IT PMO web site, specifically https://www.oakgov.com/it/pmo/leadership_grp/Pages for both documents).

The Project Scope and Approach document provides the basis for all projects to be evaluated and controlled consistently across the County organization. It includes a project goal, business objective(s), major deliverables, approach, and benefits such as cost savings, cost avoidance, and intangibles. It also details staffing, facilities, technical, and other assumptions upon which the project is planned. Constraints and exclusions are included to provide a clear understanding of the project scope upon which successful scope management can be achieved.

The Return on Investment Analysis (ROI) spreadsheet qualifies the anticipated benefits to Oakland County resulting from a successful completion of the proposed project. This analysis will be used to ensure all projects comply with the six-year payback guideline and to prioritize projects providing the most benefit to Oakland County. The Project Sponsor is responsible for identifying and entering non-technical project costs and project savings into the ROI Analysis spreadsheet.

Authorization for Sizing

Once preliminary project Scope and Approach statements and ROI Analyses have been developed, all requested projects involving that Leadership Group's functional areas will be reviewed and assessed. Information Technology will provide the criteria by which each project can be assessed (see page 8).

Project Sizing

IT will provide an updated Scope and Approach document with project size, labor, and cost estimates for each project identified and approved by the Leadership Group. IT will also provide technical (e.g., Information Technology and contractor labor estimates, hardware license and maintenance, software license and maintenance) project cost and savings estimates in the ROI Analysis spreadsheet.

Project Approval and Prioritization

By consensus, the Leadership Groups will determine the priorities of all projects requested. If consensus cannot be reached, the Director of Information Technology will make the final decision.

Process

Master Planning

This step will require IT Management to prepare the necessary overall Master Plan for the approved projects. Resources will be allocated according to

project priority.

Project Review This step will involve individual Leadership Group meetings for final approval

of master plan projects and their priorities. If consensus cannot be reached,

the Director of Information Technology will make the decision.

IT Project Managers will provide a Customer Project Status report to the Reporting

Project Sponsor for each Master Plan approved project.

Resource utilization, project status, and project variance will be published on a Quarterly Reporting quarterly basis by the PMO. Distribution will include all Leadership Group

representatives and the Board of Commissioners General Government

Committee. Copies are also available from the PMO.

Quarterly Project

Review

Leadership groups will meet on a quarterly basis to review project progress and address any project variance which would require re-allocation of resources or re-prioritization of approved projects.

This step includes reviewing and approving increases to Enhancement Budget allocations. The Project Sponsor is responsible for working with the IT Project Manager to create a specific request for additional hours in an Enhancement Budget.

Process

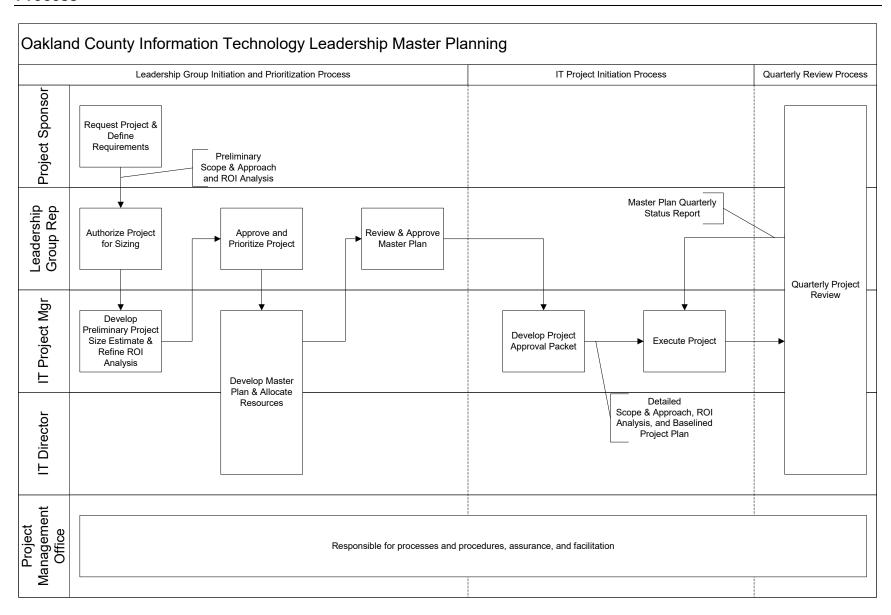


Figure 1

Project Assessment Criteria

Project Assessment Criteria Definitions

A consistent set of criteria must be used to assess the expected value of a project in order to provide a common basis for comparing projects during the Project Approval and Prioritization process.

The primary factor used to evaluate a project is <u>Return on Investment (ROI)</u>. The ROI measures the anticipated benefits to Oakland County resulting from successful completion of the proposed project. It documents development and operational costs as well as anticipated, quantifiable savings resulting from the proposed project. Proposed projects are required to demonstrate a payback period of six years or less.

The following criteria are also taken into consideration when assessing projects:

Mandate

Source Legal entity initiating the mandate i.e. Federal, State,

Local.

Financial

<u>Previously Authorized</u> Funded by specific Board of Commissioners resolution.

<u>Funded</u>

<u>Fully Grant Funded</u> 100% of initial development costs funded by non-

County funds.

<u>Partial Grant Funded</u> A part or matching portion of initial development costs

to be provided by non-County funds.

<u>Existing Revenue Funded</u> Portion of existing revenue to fund initial development

costs.

New Revenue Funded Additional revenue to the County resulting from the

project.

Budgeted Line Specific reduction in spending as a result of the

Item(s) Reduction implementation.

Impact

<u>Users Affected</u> Number of users who will benefit from project.

project.

<u>Leadership Groups Affected</u> Number of Leadership Groups that will benefit from the

project.

Risk

Technical Environment **High** - new or non-standard technology.

Medium – previously implemented technologies with

new aspects and/or new requirements.

Low – proven and previously implemented technologies.

Project Assessment Criteria

<u>Business Environment</u> **High** – project will dramatically change existing business

processes or will negatively effect the business

environment if implementation is unsuccessful.

Medium – project will require some changes to existing

business processes.

Low - little or no impact to existing business processes.

Operational

Improved Service The specific streamlining, resulting reduction in effort, or

enhancement to an existing service resulting from the

project.

Increase in Product/Service

Accuracy

The reduction of risk or measurable improvement to a

specific product or service resulting from the project.

Increase in Product/Service

Productivity

The measurable increase in the production of a product or service resulting from the project.

Labor Definitions

Labor Definition Standards

The planning and tracking of development resources are categorized to describe the various nature of work within the Department of Information Technology. These common definitions are a critical success factor to providing reliable data for planning and management reporting and analysis. The following are the seven major labor categories:

Non-Project

All leaves of absence with or without pay, on or off-site time for formal training, attending vendor demonstrations or trade shows, team and department meetings, employee evaluations, attending County-wide meetings related to Personnel, Retirement etc., status reports, Team Workbench time entry, Payroll attendance, e-mail and US mail, employee evaluation preparation, meeting with supervision regarding resource needs, budgeting, management meetings, and interviewing.

Team Management

Resource tracking, rescheduling, staff reallocation, and resource leveling across all projects.

Customer Support

Preliminary or detail scope and approach, work order preparation, customer instruction and training, phone calls and e-mail response. Cross-training and system orientation.

<u>Unscheduled System Maintenance</u>

Activity required to rebuild or repair a system. Consists of changes made to software to fix errors and all hours associated with the resolution of Problem Reports. It also includes time investigating the problem prior to determining it is a bug.

Planned System Maintenance and Upgrades

Planned or re-occurring activity in upgrading an existing software package to expand current capabilities, fix existing bugs, or in anticipation of future system problems, needs, or changes.

System Enhancements

Discretionary modifications to an existing operational system, either to expand its current capabilities or to satisfy changed business, technical, or management requirements, or mandated changes, or to make operational changes in areas such as user procedures, production schedules, file retention procedures, or job instructions. Implementing Change Orders and Department requests for relocations, hardware, and software. Installation of a custom or canned feature to an existing package. Enhancement budgets cannot be used for Mandated projects.

New Development

New systems work including construction of a new system, implementation of new automation to replace a manual or aging system.

The Department of Information Technology's Application Services; Technical Systems and Networking; CLEMIS; and Administration/Internal Services Divisions 2021-2022 Budget includes funding for 171 positions and \$10,012,230 in Professional Services. The following are the assumptions used to determine the total annual labor hours available for project work.

- 49 positions for Application Services
- 18 positions for Internal Services
- 59 positions for Technical Systems and Networking
- 45 positions for CLEMIS
- 4-10% Estimated Vacancy Rate
- Average Professional Services rate by division
- 1,494 annual project availability for full time budgeted positions
- 1,394 annual project availability for full time supervisory budgeted positions

Based on these assumptions the annual availability for each division is as shown on the following pages.

Application Services Annual Availability

	Application Services Annual Availability				
No. of Pos.	Position Type	%	Base Availability	General Development	
	Manager	0%	1,349	-	
	Chief	100%	1,349	1,349	
	Supervisor	100%	1,349	9,443	
	Project Manager	100%	1,494	10,458	
	Senior Systems Analyst	100%	1,494	4,482	
	Programmer/Analyst	100%	1,494	14,940	
	IT Business Analyst	100%	1,494	11,952	
	Multi-Media Specialist	100%	1,494	1,494	
	Graphic Designer IT User Support Specialist	100% 100%	1,494 1,494	1,49 ₄ 10,458	
	GIS Enterprise Data Technician	100%	1,494	1,494	
	Students	100%	1,000	2,000	
49		10070	1,000	2,000	
				20.50	
	Budgeted Positions Available			69,564	
1%	Estimated Vacancy Rate			(4,869	
Annual Profe	ssional Services Budget/Hours (based	on \$79/hr):	\$ 2,443,920	30,936	
Total Annual	Available Project Hours			95,630	
Additional Pro	ogram/Project Specific Budget/Hours				
Planned U	ograde Funding		\$ 1,900,000	24,05	
Courts LG:					
MIDC				3,000	
Imaging Pr	rogram			3,17	
Finance LG:					
	nd Human Capital Management Implem	nentation		2,83	
	npliance Program			92	
	mplementation			75	
SLG	NG 005 Bus			0.40	
	Office 365 Program			8,42	
Land LG	Migration (PM&U)			1,65	
	/ GIS Data Maintenance			1,03.	
-	lic Request Portal			788	
	mplentation Phase III			509	
	rise Program			5,900	
•	rite Program			2,314	
	fic Signal Management			45	
	gement System			640	
-	nstar Replacement Phase I			32	
	nstar Replacement Phase II			3,56	
	t Optimization 2021-2022			38	
	lopment Budget 2021-2022			1,80	
	al Content Management Requirements			52	
•	WIMS Phase 2			17	
WING HACH	WIND FIIDSE 4			17	

Total Bi-Annual Application Services Available Project Hours for 2021/2022

63,625

WRC Power Plan Upgrades

WRC Legacy App Requirements

400 842

Internal Services Annual Availability

No. of Pos.	Position Type	%	Base Availability	General Development
1	Manager	100%	-	-
1	Supervisor IS	100%	1,349	1,349
3	Project Manager	100%	1,494	4,482
4	IT User Support Specialist	100%	1,494	5,976
1	Telephone Communications Tech	100%	1,494	1,494
1	Materials Mgmt Clerk	100%	1,494	1,494
1	Procurement Technician	100%	1,494	1,494
1	Account Clerk II	100%	1,000	1,000
2	Receptionist / Clerk	100%	875	1,750
1	Office Assistant	100%	1,494	1,494
1	College Intern	100%	1,000	1,000
1	Student	100%	500	500
18		•		•

Total Annual Budgeted Positions Available		22,033
10% Estimated Vacancy Rate		(2,203)
Annual Professional Services Budget/Hours:		
Training Center (based on \$58/hr)	\$ 14,500	250
Professional Services (based on \$60/hr)	\$ 50,223	837
		1,087
Total Annual Available Project Hours		20,917
Additional Program Specific Budget/Hours		
		-
		_

Total Bi-Annual Internal Services Available Project Hours for 2021/2022	41,834

Technical Systems and Networking (TSN) Annual Availability

No. of Pos.	Position Type	%	Base Availability	General Development
	Manager	0%	1,349	-
	Chief Technology Officer	0%	1,349	-
1	Enterprise Architect	0%	1,349	-
1	CISO	0%	1,349	-
3	Chief	100%	1,349	4,047
5	Supervisor	100%	1,349	6,745
4	IT Security Specialist	100%	1,494	5,976
1	Technical Architect	100%	1,494	1,494
1	Application Architect	100%	1,494	1,494
2	Project Manager	100%	1,494	2,988
4	Systems Engineer	100%	1,494	5,976
5	Systems Administrator	100%	1,494	7,470
2	Network Engineer	100%	1,494	2,988
3	Data Base Administrator	100%	1,494	4,482
7	Network Administrator	100%	1,494	10,458
13	Customer Service Technician	100%	1,494	19,422
1	Deployment Services Tech	100%	1,494	1,494
4	Student/Student Engineer	100%	1,000	4,000
4%	udgeted Positions Available Estimated Vacancy Rate sional Services Budget/Hours (based o	on \$88/Hr)	\$ 557,878	79,034 (3,161) 6,340
Additional Pro	vailable Project Hours gram Specific Budget/Hours		400,000	82,213
•	grade Funding		\$ 100,000	1,136
	Support and Maintenance Funding (1,80	00 hours annua	illy)	3,600
IAM Prograi				2,616
UCC Progra				4,187
Security Pro	_			10,985
Remote Wo	rk Options Program			4,645
				27,169
Гotal Bi-Annua	I TSN Available Project Hours for 2021	/2022		191,594
	•		, I	· · · · · · · · · · · · · · · · · · ·

CLEMIS Annual Availability

No. of Pos.	Position Type	%	Base Availability	General Development
1	Manager	0%	1,349	-
1	Chief	100%	1,349	1,349
3	Supervisor	100%	1,349	4,047
2	Senior Systems Analyst	100%	1,494	2,988
1	Data Base Administrator	100%	1,494	1,494
1	Project Manager	100%	1,494	1,494
4	Programmer/Analyst	100%	1,494	5,976
7	IT Business Analyst	100%	1,494	10,458
6	IT User Support Specialist	100%	1,494	8,964
2	IT Customer Service Technician	100%	1,494	2,988
2	Project Support Specialist	100%	1,494	2,988

30

Total Annual Budgeted Positions Available 4% Estimated Vacancy Rate		42,746 (1,709)
Annual Professional Services Budget/Hours (based on \$62/hr)	\$ 1,300,000	20,967
Annual Professional Services Budget/Hours (based on \$62/hr)	\$ 650,000	10,483
Total Annual Available Project Hours		72,487
Additional Program Specific Budget/Hours		
Planned Upgrade Funding Oracle Upgrade		3,000
CLEMIS MIDC		144
CFIRS Mobile Pages		254
		3,398

CLEMIS Annual Availability - Radio

No. of Pos.	Position Type	%	Base Availability	General Development
1	Supervisor	100%	1,349	1,349
1	Administrator	100%	1,494	1,494
9	IT Customer Service Technician	100%	1,494	13,446
2	Project Support Specialist	100%	1,494	2,988
1	Office Assistant I	100%	1,494	1,494
1	Student	100%	1,000	1,000

15

Total Annual Budgeted Positions Available 0% Estimated Vacancy Rate	21,771 0
Annual Professional Services Budget/Hours	
Total Annual Available Project Hours	21,771
Additional Program Specific Budget/Hours	
Radio Replacement Program	8,204
CV Radio System Replacement	288
	8,492
Total Bi-Annual CLEMIS-Radio Available Project Hours for 2021/2022	52,034

Total Bi-Annual CLEMIS Available Project Hours for 2021/2022

148,372

The total available hours for the time frame of 10/03/20 through 9/30/22 will be 688,719 hours including project specific funding due to Board of Commissioner resolutions and miscellaneous fund transfers.

The tables below provide an overview of the planned labor allocation of these hours by Division.

Information Technology Leadership Groups Application Services 2021/2022 Master Plan Labor Allocation

Leadership Group	Requested Project Hours	Estimated Support and Maint 2021/2022	Estimated Planned Maint/Upgrade 2021/2022	Development Allocated Hours	Project Specific Funded Hours	
Courts/Justice Administration	31,531	26,816	3,657	13,008	6,181	49,662
Finance Admin	25,141	18,514	1,257	13,759	4,504	38,034
Land	38,041	39,710	21,325	12,193	18,628	91,856
eGovernment	33,170	26,664	5,924	29,087	-	61,675
Total Hours	127,883	111,704	32,163	68,047	29,313	241,227

Team Management: 2021/2022 Estimated			4,296
Support & Maintenance Contingency - 1%			1,762
			247,285

Total Bi-Annual Application Services Deliverable Project Hours for 2021/2022

247,285

Information Technology Leadership Groups Internal Services 2021/2022 Master Plan Labor Allocation

		Estimated	Estimated		Project	
	Requested	Support and	Planned	Development	Specific	
	Project	Maint	Maint/Upgrade	Allocated	Funded	Total
Leadership Group	Hours	2021/2022	2021/2022	Hours	Hours	Allocation
IT Steering Committee: Internal						
Services	16,087	42,382	3,934	7,003	8,428	61,747
Total Hours	16,087	42,382	3,934	7,003	8,428	61,747

Team Management: 2021/2022 Estimated			60
Support & Maintenance Contingency - 1%			433
			62 240

Total Bi-Annual Internal Services Deliverable Project Hours for 2021/2022

62,240

Information Technology Leadership Groups Technical Systems and Networking 2021/2022 Master Plan Labor Allocation

		Estimated	Estimated		Project	
	Requested	Support and	Planned	Development	Specific	
	Project	Maint	Maint/Upgrade	Allocated	Funded	Total
	Harma	2021/2022	2021/2022	Hours	Hours	Allocation
Leadership Group	Hours	2021/2022	2021/2022	Hours	Hours	Allocation
IT Steering Committee: Technical	70,679	104,070	13,031	33,531	22,433	173,065

Team Management: 2021/2022 Estimated			2,352
Support & Maintenance Contingency - 1%			1,066
			176.483

Total Bi-Annual Technical Systems and Networking Deliverable Project Hours for 2021/2022

176,483

Information Technology Leadership Groups CLEMIS 2024/2022 Master Plan Labor Allocation

2021/2022 Master Plan Labor Allocation

		Estimated	Estimated		Project	
	Requested	Support and	Planned	Development	Specific	
	Project	Maint	Maint/Upgrade	Allocated	Funded	Total
Leadership Group	Hours	2021/2022	2021/2022	Hours	Hours	Allocation
CLEMIS	37,634	95,144	19,697	34,820	398	150,059
CLEMIS: Radio	14,685	33,830	1,027	4,393	8,492	47,742
Total Hours	52,319	128,974	20,724	39,213	8,890	197,801

Team Management: 2021/2022 Estimated				2,120
Support & Maintenance Contingency - 1%				1,261
	-	-		201,182

Total Bi-Annual CLEMIS Deliverable Project Hours for 2021/2022

201,182

Courts Justice Administration Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
		31,531	19,189											
0	MIDC COURTS 2020-2021 (Funded) DB1312MI	3,006	3,006	9	0%		9	2,997	3,006			09/19/16	09/30/21	
0	CMO Case Evaluation Rewrite DB9312CE	204	204	64	86%	996	856	140	996	0	0%	10/10/19	12/02/20 12/02/20	
0	OCME Replacement Solution DJ8176RP	58	58	11	96%	1,167	1,121	44	1,165	2	0%	04/26/18	12/21/20	
0	Animal Control OPLS Replacement D99178PL	78	78	7	91%	734	670	64	734	0	0%		12/21/20 11/09/20	
0	Imaging GovCloud Migration DB9182GM	353	353	276	93%	2,277	2,275	164	2,440	-163	-7%	10/12/18 02/12/19	11/06/20 11/30/20	
01	Imaging Program 2021-2022 (Funded) DB0182IP	3,175	3,175									02/12/19 10/03/16	10/28/20 09/30/22	
01A	Imaging Program Management (Funded			5	93%	1,396	1,284	93	1,377	19	1%	10/03/16	03/31/21	
) DB6312PM											10/03/16	03/31/21	
01B	Imaging Program - Clerk, Circuit and FOC Migration (Funded) DB7182CT			10	86%	3,357	2,901	456	3,357	0	0%	06/19/17 06/19/17	02/18/21 01/05/21	
01C	Imaging Program - FS Payroll Imaging Enhancement (Funded) DB7182FS				0%		2	825	827			10/12/18	03/08/21	
01D	Imaging Program - Integrate Imaging into CStar (Funded) DB7182IC				2%		7	343	350			09/28/18	04/06/21	
01E	Imaging Program - Medical Examiner Imaging Solution (Funded) DB7182ME				44%	673	298	375	673	0	0%	09/19/18 09/19/18	06/03/21 03/30/21	
01F	Imaging Program - Prosecutor Implementation (Funded) DB7182PI				0%			1,069	1,069			09/24/20	10/31/21	
	Imaging Program 2021-2022 Total					5,426	4,493	3,161	7,653					
02	Circuit Court Judge Switch 2021 (Mandate) DB1314JS	212	212	2	1%	212	2	211	212	0	0%	10/03/20	09/30/21	
03	Circuit Court Judge Switch 2022 (Mandate)	212	212		0%	212		212	212		0%	10/03/20 10/01/21	09/30/21 09/30/22	
	DB2314JS											10/01/21	09/30/22	

Courts Justice Administration Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	
04	Courts Mandate Program Budget 2021 - 2022 (Mandate) DB1120CM	800	800	10	1%	800	10	790	800		0%	10/05/20 10/05/20	09/30/22	
5	FOC Security Audit 2022 (Mandate) DB2314SA	658	658		0%			658	658			02/01/22	09/30/22	
6	Circuit - e-filing GAP Remediation (Mandate) DB1212EF	1,465	1,465		0%			1,465	1,465			03/01/21	02/07/22	
7	Case Management System Evaluation DB9212CS	403	403	72	37%		194	328	522			03/23/20	04/09/21	
	JOS Replacement DB1312JR	1,249	1,249	135	11%		135	1,103	1,239			10/05/20	09/30/21	
	Clerks - Drivers License for Birth Certificate DB1212BC	627	627		0%			627	627			01/06/21	08/10/21	
	Circuit-Probate MiCourt Integration DB1344TI	2,137	2,137		0%			2,137	2,137			01/04/21	09/30/22	
	Courts - Online Schedule Enhancement DB1312JS	1,075	1,075		0%			1,075	1,075			03/01/21	04/25/22	
	CSTAR Data Integration DB1174DI	1,072	1,072		0%			1,072	1,072			06/01/21	09/30/22	
	Citizen Engagement Budget - Courts LG DE1182CC	300	300		0%	300		300	300		0%		09/30/22	
	Courts Justice Administration Enhancement Budgets DB0040EB	1,805	1,805	1	0%	1,805	1	1,804	1,805	0	0%	10/03/20 10/03/20 10/03/20	09/30/22 09/30/22 09/30/22	
	Courts Sizing Budget DB0040SB	300	300		0%	300		300	300		0%	10/03/20	09/30/22	
	Totals			601		14,229	9,765	18,653	28,418			10/03/20	09/30/22	

Open Requests

CSTAR Appointment Scheduler

634

DB1174AS

Courts Justice Administration Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation

Open Requests

CV Offline Case Management Enhancement	234
D51177MR Children's Village Case Management Reporting	773
D51177BO Clerks - Document Certification Process	603
DB1212DC Clerks - Rewrite Trust and Abstract Systems	1,287
DB1212AT FOC - Front Line Replacement	435
DB1314FR FOC Document Creation and Import	1,027
DB1314DM Judicial Dashboard Reporting	1,493
DB1312DR Juvenile Case Data Warehouse Expansion	741
DB1312DW Juvenile Casework Application Replacement	1,716
DB1490JC OCME Dictation System Replacement	1,141
DJ0176DS OCME FCMS Enhancement	967
DJ0176FE OakDocs Enterprise Enhancements 2021-2022	250
DB1182OE Pay Tickets Rewrite DB1321PS	1,041

Finance/Admin Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
		25,441	18,263											
0	County Executive Technology Enhancements DE0211TE	121	121	115	28%		115	303	418			10/05/20	03/25/21	
0	Siren Management Application Replacement D59166SA	32	32	11	97%	676	652	21	672	4	1%	03/18/19 03/18/19	10/23/20 10/16/20	
01	HIPAA Compliance Program 2020 (Funded) D50182HC	920	920									05/15/19	05/23/20	
01A	HIPAA External Risk Assessment (Funded) D59182EA			20	87%	375	325	50	375	0	0%	07/23/19 07/23/19	11/18/20 11/18/20	
01B	HIPAA Business Associate Compliance 2020 (Funded) D50182BA				0%			341	341			01/01/21	07/19/22	
01C	HIPAA Remaining ETC (Funded) - Complete D50182RE				0%			509	509			10/05/20	09/30/22	
	HIPAA Compliance Program 2020 Total					375	325	900	1,225					
02	FHCM Implementation Program 2021- 22 (Funded) DA0151FP	2,830	2,830									10/05/20	09/30/22	
02A	FHCM Program Management (Funded) DJ8151PM			36	87%	2,686	2,340	346	2,686	0	0%	09/13/18 09/13/18	01/19/21 01/19/21	
02B	FHCM Report Development (FCM/HCM) (Funded)			161	62%	2,662	1,662	1,008	2,670	-8	0%	03/09/20	12/09/20	
02C	DA9151RE FHCM Mobile & Integrations Implementation (Funded)			7	91%	678	620	62	682	-4	-1%	03/09/20 03/24/20	12/04/20 01/20/21	
	DA0151IN `											03/24/20	11/09/20	
02D	FHCM Configuration Tenant Build (FCM) (Funded) DA0151AC			77	98%	1,840	2,023	43	2,066	-226	-12%	03/16/20 03/16/20	10/26/20 08/04/20	
02E	FHCM Architect & Configurations (FCM) (Funded)			142	68%	1,946	1,685	800	2,485	-539	-28%	01/17/20	01/14/21	
02F	DA9151FA FHCM Financial Integrations (FCM) (Funded)			82	10%	4,625	407	3,689	4,096	529	11%	01/17/20 07/27/20	12/04/20 04/21/21	
	DA0151FI				95.		4.5.	0.05	0.05-			07/27/20	03/31/21	
02G	FHCM Financial IS/Job Acct Integrations(FCM) (Funded) DA0151CI			37	6%		130	2,226	2,356			08/20/20	06/30/22	

Finance/Admin Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
02H	FHCM ADP Employment Tax Implementation (Funded) DA0151TX			89	32%		148	312	460			08/26/20	12/29/20	
021	FHCM End-to-End Round 2 Tenant Build (Funded) DA0151R2				2%		16	970	986			09/14/20	04/30/21	
02J	FHCM Remaining ETC DA0151RE											10/20/20	09/30/22	
	FHCM Implementation Program 2021- 22 Total					14,437	9,030	9,457	18,487					
03	MyInsight Implementation (Funded) D88182MI	754	754	60	44%	1,230	535	695	1,230	0	0%	01/10/18	03/29/21	
04	Distributed eLearning Solution Implementation	913	913	21	8%	956	76	880	956	0	0%	01/10/18 08/06/20	03/29/21 10/28/21	
	D50162EL											08/06/20	10/28/21	
05	Intranet Replacement Project DE0151HR	503	503		0%			503	503			01/04/21	09/30/21	
06	Citizen Engagement Budget - Finance LG	4,020	4,020	21	1%	4,020	21	3,999	4,020	0	0%	10/03/20	09/30/22	
07	DE1182CF Physical Records Management System DJ0138PR	1,429	1,429		0%			1,429	1,429			10/03/20 11/21/20	09/30/22 09/30/22	
08	FHCM Enterprise Enhancements 21-22 DA1151FC	600	300		0%			300	300			10/03/20	09/30/22	
09	Finance/Admin Enhancement Budgets DJ0040EB	2,565	2,265		0%	2,265		2,265	2,265	0	0%	10/03/20	09/30/22	
	County Executive Program Budget	1,000	1,000	23	2%	1,000	23	977	1,000		0%	10/03/20 10/03/20	09/30/22 09/30/22	
	DE0111CE	1,000	1,000	23	276	1,000	23	977	1,000		0%	10/05/20	09/30/22	
	Finance/Admin Sizing Budget DJ0040SB	200	168		0%	168		168	168		0%	10/03/20	09/30/22	
	D300403B											10/03/20	09/30/22	
	Point of Sale Terminal Replacement RFP DJ1162TR	2,508	2,508		0%			2,508	2,508			01/15/21	09/06/22	
	Public Safety Transparency Dashboards DG0111TD	500	500	59	66%		59	30	88			10/05/20	12/10/20	
	Totals			956		25,127	10,835	24,435	35,270					

Finance/Admin Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Exp	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation

BOC Board Management Solution Implementation		3	0%	3	896	899	-899	10/16/20	11/07/22
DJ0511BM									
BOC Online Portal for Commission Reapportionment	997								
DJ0511OP									
BOC Technology Assessment & Program	2,996								
DJ0511AP									
Emergency Preparedness Inventory Management Solution	807								

D59166DC Law Library Infrastructure Improvement 289 36% 372 453 -81 11/09/16

11/29/21 Project is on hold and will be replanned. DJ6513ON 09/07/18 11/09/16

HSD GIS Data Consolidation

Treasurer Chargeback Workflow System 862

595

Open Requests

DJ1711CB

D50162EP

Land Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
		38,041	30,821											
0	WRC Hach WIMS Phase 2 (Funded) D58611HW	171	171		87%	1,303	1,128	170	1,298	5	0%	01/19/18 01/19/18	05/13/21 07/07/20	
0	Tax Management System - Testing and Implementation II (Funded) D99071TS	646	646	22	78%	2,724	2,117	599	2,716	8	0%	04/11/19	04/15/21	
01	EH Enterprise Imp - Accela Implementation D98162AI	755	755	14	71%	2,508	1,778	731	2,508	0	0%	07/18/18 07/18/18	04/14/21 04/14/21	
02	RCOC Traffic Signal Management (Funded) D19182SM	458	458	1	33%	682	226	457	683	-1	0%	12/06/18	07/06/21	
03	LAMS Rewrite Program 2021-22 (Funded 2,314) D90182RP	3,114	3,114		0%	800		1,772	1,772	-972	-121%	10/03/20	09/30/22	
03A	LAMS Rewrite Phase 2 (Funded) D90182L2			87	6%		87	1,255	1,342			10/05/20	03/08/21	
	LAMS Rewrite Program 2021-22 Total					800	87	3,027	3,114					
04	WRC Northstar Replacement Phase 1 (Funded) D59611N1	329	329	1	19%	398	71	296	367	31	8%	01/13/20 01/13/20	03/15/21 03/15/21	
05	WRC NorthStar Replacement Phase 2 (Funded) D59611N2	3,564	3,564		0%			3,564	3,564			06/01/21	09/30/22	
06	AAT Mandate Program Budget 2021- 2022 (Mandate) D91125MB	3,338	3,338	14	0%	3,338	14	3,324	3,338	0	0%	10/03/20 10/03/20	10/04/22 10/04/22	
07	OCHD Mandate Program Budget 2021- 2022 (Mandate) D50162MP	650	300		0%	300		300	300		0%	10/05/20	09/30/22	
08	FMO Replace Building Management System Phase 3 (Funded) D10147BM	509	509		0%			509	509			11/16/20	09/30/21	
09	WRC Asset Optimization 2021-2022 (Funded 385) D51611AO	385	385	12	3%	385	12	374	385		0%	10/03/20 10/03/20	09/30/22	
10	Equalization LAMS Photo Automation D91125PH	541	541		0%			541	541			04/01/21	09/30/22	
11	LeaseTrack Replacement D51137LR	582	582		0%			582	582			02/01/21	06/25/21	

Land Leadership Group 2021-2022

		MP	MP						Rev			Start	End
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned
12	WRC Development Budget 2021-2022 (Funded) D50611DB	1,800	1,800	2	0%	1,800	2	1,798	1,800	0	0%	10/03/20 10/03/20	09/30/22 09/30/22
13	GIS Enterprise Program (2021-22) (Funded) D11182GB	5,900	5,900	68	1%	5,900	68	5,832	5,900	0	0%	10/03/20	09/30/22
14	BS&A Development Budget 2021-2022 D91182DB	1,646	1,646	6	0%	1,646	6	1,640	1,646	0	0%	10/01/20	09/30/22 09/30/22
15	CAMS Public Request Portal (Funded) D11182RP	788	788		0%			788	788			10/03/20 03/10/21	09/30/22 04/09/21
16	FM LED Sign Service Model D12148LS	246	246		0%			246	246			01/19/21	03/24/21
17	Accela Foods Implementation - Phase 1 D50162A1	1,692	1,000		0%			1,000	1,000			07/06/21	09/16/22
18	WRC Digital Content Management Requirements (Funded) D50611CM	522	522	17	4%	522	21	500	521	1	0%	09/30/20	04/01/21
19	WRC Powerplan Upgrades (Funded) D50611PP	400	400		0%			401	401			09/30/20 06/01/21	03/31/21 10/13/21
0	Citizen Engagement Budget - Land LG DE1182CL	300	300	10	3%	300	10	290	300	0	0%	10/05/20	09/30/22
1	WRC Legacy App Requirements (Funded) D50611DR	842	842		0%			842	842			02/01/21	09/30/22
2	Municipal Services IT Program TP0186MS	150	150		0%	150		150	150	0	0%	10/03/20 10/03/20	09/30/22 09/30/22
3	Land Enhancement Budgets D90040EB	1,835	1,835	1	0%	1,835	1	1,834	1,835	0	0%	10/03/20	09/30/22
	CAMS Enterprise Enhancements 2021- 2022 D11182CE	800	300		0%	300		300	300	0	0%	10/03/20 11/05/20 10/05/20	09/30/22 09/28/22 10/05/20
	Land Sizing Budget D90040SB	400	400		0%	400		400	400		0%	10/03/20	09/30/22
	Totals			253		25,291	5,538	30,496	36,034			10/03/20	09/30/22

Land Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Exp	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation

Open Requests

BS&A Cash Receipting Integration 883

D99182CI

Equalization LAMS Property Split 780 Workflow

D91125PS

FM GIS Expansion 300

D11147GE

Microfilm Transition 790

D91216MF

Mobile Assessment Data Collection 781

D91125DC

Treasurer Pay Delinquent Pay Current 2,144

Revision

DJ0711TR

eGovernment Services Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
		33,170	29,087											
01	Content Management System Strategic Planning DE9182CS	324	324		0%		1	323	324			09/16/20	05/07/21	
02	eCommerce Service Fee Program DJ0182SF	2,537	2,537		0%			2,537	2,537			12/01/20	09/30/22	
03	G2G Marketplace Website Replacement TT0186WR	2,774	1,774		0%			1,774	1,774			10/01/20	09/01/22	
04	eCommerce Redesign Program 2021- 22 DJ0182PG	4,350	4,350									10/03/20	09/30/22	
04A	eCommerce Redesign - Refund (Part 2) DJ8182R2			34	12%	1,832	222	1,622	1,844	-12	-1%		08/03/21	
04B	eCommerce Redesign (Phase 2) - EAF DJ9182RE			1	5%	1,485	74	1,357	1,430	54	4%	11/06/19 12/10/19	08/02/21 07/07/21	
04C	eCommerce Redesign - Shop Migration DJ0182SM			71	31%	1,843	574	1,265	1,838	4	0%	12/10/19 01/03/20	09/22/20 06/30/21	
	eCommerce Redesign Program 2021- 22 Total					5,159	869	4,244	5,113			01/03/20	07/14/21	
05	G2GCS Program Management DJ0182PM	1,000	1,000	12	1%	1,000	12	989	1,000	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
06	G2G Cloud Solutions Marketing Budget TT0186CM	996	996	2	0%	996	2	994	996	0	0%	10/03/20	09/30/22	
07	G2GCS Participant Development Budget	1,252	1,052	4	0%	1,052	4	1,049	1,052	0	0%		09/30/22	
08	TT0186PD G2GCS Participant Implementation Budget	1,650	1,350	33	2%	1,350	33	1,317	1,350	0	0%		09/30/22 09/30/22	
09	DJ0182PI G2GCS Program Development DJ0182GD	1,800	1,450		0%	1,450		1,450	1,450	0	0%		09/30/22 09/30/22	
10	Employee Engagement Budget DE1182EE	450	450		0%	450		450	450		0%	10/03/20 10/03/20	09/30/22 09/30/22	
11	Citizen Engagement Budget - IT DE1182CE	8,600	8,000	77	1%	8,000	77	7,923	8,000	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
	DE11020E											10/03/20	09/30/22	

eGovernment Services Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
12	County Recognition and Initiatives DE1182CR	2,100	2,100	1	0%		1	2,099	2,100			10/03/20	09/30/22	
13	eGovernment Program Development DE1182PD	600	600		0%			600	600			10/03/20	09/30/22	
14	G2G Marketplace Marketing Budget TT0186MP	2,312	1,962	2	0%	1,962	2	1,960	1,962	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
15	G2G Marketplace Vendor Implementation Budget	692	692	3	0%	692	3	689	692	0	0%	10/03/20	09/30/22	
16	TT0186VI PCI Enhancement Budget	300	200	0	0%	200	0	200	200	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
	DJ0182EB											10/03/20	09/30/22	
	eGovernment Sizing Budget DE0040SB	250	250		0%	250		250	250	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
	Totals			238		22,561	1,003	28,847	29,850			. 5, 55, 20	33,33,22	

Open Requests

G2G Cloud Solutions Analytics Dashboard 1,183

TT0186AD

Internal Services Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
		16,087	15,431											
01	COVID-19 IT DH9181DI	2,000	2,000	468	91%	17,673	16,140	1,533	17,673	0	0%	03/02/20	12/31/20	
02	SC Communications Change Order Services DR0181CO	525	525	11	2%	525	11	514	525		0%	03/02/20 10/03/20 10/01/20	12/31/20 09/30/22 09/30/22	
03	IT HR Initiatives DH0181HR	100	100		0%	100		100	100		0%		09/30/22	
04	IT Department Initiatives	500	500		0%	500		500	500		0%	10/03/20 10/03/20	09/30/22 09/30/22	
05	DH1181DI O365 Program 2021-2022 DE1182OP	8,428	8,428									10/03/20 10/03/20	09/30/22 09/30/22	
05A	O365 Program Management DE1182PM			0	0%	1,375	0	1,375	1,375		0%	10/03/20	09/30/22	
05B	O365 Implementation - Phase 6 & 7 DE9184IM			299	92%	2,668	2,650	236	2,886	-218	-8%	10/03/20 08/14/19	09/30/22 10/29/20	
05C	O365 Remaining ETC DE0182RE				0%			6,518	6,518			08/14/19 10/03/20	10/29/20 09/30/22	
	O365 Program 2021-2022 Total					4,043	2,650	8,129	10,779					
06	Project Management Program Development DH1181PD	535	535	9	2%	535	9	526	535	0	0%	10/03/20	09/30/22 09/30/22	
07	Service Center Program 2021-2022 DR0181SP	600	600		0%	600		600	600	0	0%	10/03/20 10/03/20	09/30/22	
08	Disaster Recovery Toolkit Improvements - Phase II Implementation DR0181DR	738	738		0%			738	738			10/03/20 01/05/21	09/30/22 08/16/21	
09	IT Service Agreements Budget DH1181SA	826	470	1	0%	470	1	470	470		0%	10/03/20	09/30/22	
10	IT EULA Management Budget DH1181EM	600	300	2	1%	300	2	299	300		0%	10/03/20 10/03/20	09/30/22 09/30/22	
11	Application Development Program Budget D51182AD	620	620		0%	620		620	620		0%	10/03/20 10/03/20 10/03/20	09/30/22 09/30/22 09/30/22	

Internal Services Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Exp	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
12	Internal Services Enhancement Budgets DR0040EB	515	515	5	1%	515	5	510	515	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
	Internal Services Sizing Buget DR0010SB	100	100		0%	100		100	100		0%	10/03/20 10/03/20	09/30/22 09/30/22	
	Totals			793		25,981	18,817	14,638	33,455					

Technical Systems Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
		70,679	55,964											
01	Customer Change Order Services TN1186CO	13,182	13,182	248	2%	13,182	248	12,934	13,182	0	0%	10/05/20	09/30/22	
02	UCC Voice Change Order Services TP1186CO	1,500	1,500	23	2%	1,500	23	1,477	1,500		0%	10/03/20 10/03/20	09/30/22 09/30/22	
03	Server Admin Change Order Services T61186CO	6,185	6,185	105	2%	6,185	105	6,080	6,185	0	0%	10/03/20 10/05/20	09/30/22 09/30/22	
04	Network Services Change Order	1,600	1,600	22	1%	1,600	22	1,578	1,600		0%	10/03/20 10/03/20	09/30/22 09/30/22	
05	Services TP1186CH Building Program 2021-22	1,150	1,150	13	1%	1,150	13	1,137	1,150	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
	TP0186BP											10/03/20	09/30/22	
06	Cloud Network Connect TT6186NC	636	636	45	81%	2,764	2,189	514	2,702	62	2%	10/02/17	06/09/21	
07	Cloud Optimization TT9186CO	555	555		0%			555	555			10/02/17 11/09/20	03/30/21 03/12/21	
08	SEP - Program 2021-2022 TS0186SP	10,985	10,985	115	1%	10,985	115	10,871	10,985	0	0%	01/03/20	09/30/22	
09	IAM Program 2021-2022 TT0186IP	2,616	2,616									01/03/20 11/18/19	09/30/22 09/30/22	
09A	IAM Implementation-App Integration (Funded) TT9186P2			32	81%	2,776	2,238	532	2,770	5	0%	11/18/19 11/18/19	03/03/21	
09B	IAM Implementation - Siteminder (Funded) TT9186P3			42	12%		50	362	412			09/23/20	01/05/21	
09Z	IAM Program - Remaining ETC TT1186IR				0%	1,647		1,647	1,647		0%	10/03/20	09/30/22	
	IAM Program 2021-2022 Total					4,423	2,288	2,542	4,829			10/03/20	09/30/22	
10	Remote Work Program (Funded) TT0186RP	4,645	4,645			, -		•	,			10/01/16	09/30/22	
10A	Remote Work Options TT0186RW			95	9%	2,950	255	2,695	2,950	0	0%	08/03/20	06/11/21	
												08/03/20	06/11/21	

Technical Systems Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
10B	Remote Work - MDM Implementation TN0186MD				0%			755	755			10/15/20	05/28/21	
10C	Remote Work - Training TT0186RT				0%			254	254			10/19/20	12/29/20	
10Z	Remote Work - Remaining ETC TT0186RR				0%			846	846			10/22/20	09/30/22	
	Remote Work Program Total					2,950	255	4,550	4,805					
11	UCC2 Program 2021-2022 (Funded) TP0186UP	4,187	4,187									02/05/18	09/30/22	
11A	UCC2 - Program Management (Funded			11	70%	561	392	170	561	0	0%	02/05/18	09/30/21	
	TP8186PM											02/05/18	09/30/21	
11B	UCC2 - Network Replace Imp - CLEMIS Sites (Funded) TP9186CS			66	89%	1,779	1,662	209	1,871	-92	-5%	07/30/19 07/30/19	01/07/21 10/21/20	
11C	UCC2 - VoIP Pilot Implementation (Funded) TP0186PI			61	83%	996	855	177	1,032	-37	-4%	04/14/20 04/14/20	01/11/21 01/11/21	
11D	UCC2 - Wi-Fi Expansion Group A (Funded) TP0186GA			27	6%		27	394	421			10/05/20	02/23/21	
11Z	UCC2 Phase 2 - Remaining ETC (Funded) TP7186RE				0%	3,078		3,073	3,073	5	0%	10/03/20 10/03/20	09/30/22 09/30/22	
	UCC2 Program 2021-2022 Total					6,414	2,935	4,024	6,958					
12	Data Center Enhancements TN0186DE	620	620		0%			620	620			10/01/20	03/04/21	
13	Acrobat Rationalization TN0186AR	355	355	20	29%	472	137	333	470	2	0%	06/30/20 06/30/20	11/30/20 11/25/20	
14	Fiber Asset Management Software and Services TP9186FM	307	307	14	53%	701	326	293	619	82	12%	04/19/19	12/22/20	
15	Enterprise Architecture Program	3,882	3,882	38	1%	3,882	38	3,844	3,882	0	0%	04/19/19 10/03/20	11/30/20 09/30/22	
10	TT0186EA	0,002	0,002	30	1 70	0,002	30	0,044	0,002	O	370			
16	Universal Threat Management	2,024	2,024		0%			2,024	2,024			10/03/20 11/01/20	09/30/22 12/07/21	
16	Universal Threat Management Replacement TP0186FW	∠,∪∠4	2,024		U%			2,024	2,024			11/01/20	12/07/21	

Technical Systems Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
17	Project Green Field Analysis Phase T61186PG	300	300		0%			300	300			01/04/21	03/23/21	
18	Technical Systems & Networking Enhancement Budgets T30040EB	635	635		0%	635		635	635		0%	10/03/20 10/03/20	09/30/22 09/30/22	
19	CTO Technology Planning TT0186CT	400	400	17	4%	400	17	383	400	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
	TSN Sizing Budget TP0040SB	200	200		0%	200		200	200	0	0%	10/03/20 10/03/20	09/30/22 10/30/22	
	Totals			990		57,443	8,707	54,895	63,602					

Open Requests

CIP Connectivity	1,269
TN0186MC Cloud Billing Partner and Redesign Billing	895
TT0186CB Enterprise Service Improvement	500
T61186EI File Storage Replacement	1,128
T61186FS Greenfield Deployment	1,481
T61186GD IAM Full Authentication	2,212
TT0186FA Infrastructure Automation	816
T61186IA Kiosk Strategy	220
TN0186KS Network Capacity	411
TT0186NC	

Technical Systems Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation

Open Requests

OS Management & Patch Optimization 700

T61186PM

PDF Editor Strategy and Approach 723

TN0186PE

TN9186PI

Papercut Implementation 471 28% 584 186 471 657 -73 -12% 09/04/19 05/24/21

09/04/19 02/12/20

Universal Threat Management 2,586

Implementation

Wireless LAN Redundancy 1,303

TP0186WR

TP1186FW

CLEMIS Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
		43,849	35,218											
01	CLEMIS CAD Central Dispatch Deployment DF0183DI	1,348	1,348	60	23%	1,628	373	1,255	1,628	0	0%	07/20/20 07/20/20	02/11/21 02/03/21	
02	LEIN - Core Expansion D49183TU	866	866	18	34%	1,278	438	842	1,279	-2	0%	07/16/19 07/16/19	08/02/21 07/29/21	
03	OCSO CCTV Storage DG9183TV	285	285	18	58%	608	356	255	611	-2	0%	11/02/18	04/14/21	
04	CLEMIS Jail Management System Phase 1 (Funded)			55	89%	600	569	71	640	-40	-7%	11/02/18 04/06/20	04/12/21 12/01/20	
05	DG9183J1 CFIRS Mobile Pages (Funded)	254	254	32	93%	3,404	3,182	222	3,404	0	0%	04/06/20 02/11/19	11/24/20 12/07/20	
	D49183MO											02/11/19	12/07/20	
06	CLEMIS Michigan Indigent Defense Commission (Funded) (Mandate) DG7183MI	144	144	15	88%	1,006	878	120	998	8	1%	10/12/17 10/12/17	11/09/20 10/30/20	
07	OCSO Helicopter Video 2020 DG0181HP	315	315	1	19%	395	76	314	390	5	1%	07/21/20 07/21/20	07/09/21 03/03/21	
08	CLEMIS Location-based Enterprise Program DF1183LM	4,222	4,222		0%			4,222	4,222			10/01/20	09/29/22	
09	CAD MDC over the Internet DF1183CM	1,489	1,489		0%			1,489	1,489			02/17/21	12/14/21	
10	New Automatic Vehicle Locator D41183VL	1,206	1,206		0%			1,206	1,206			10/19/20	03/30/21	
11	Clear Rewrite - Device Independent Program DF1183CR	11,000	4,684		0%			4,684	4,684			10/01/20	09/29/22	
12	SAN Replacement of SANS 1,2,3 D41183SR	692	692		0%			692	692			02/01/21	05/15/22	
13	CFIRS NEMSIS Version 3.5 Upgrade & Certification (Mandate) D41183NC	2,574	2,574		0%			2,574	2,574			10/19/20	10/12/21	
14	Sheriff's Program Budget DG1443PB	2,000	2,000	51	3%	2,000	51	1,949	2,000	0	0%	10/03/20 10/03/20	09/30/22 09/30/22	
15	CLEMIS New Site Implementation Budget	400	400	2	0%	400	2	399	400		0%	10/03/20	09/30/22	

CLEMIS Leadership Group 2021-2022

		MP	MP						Rev			Start	End
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned
	TP1186IB											10/03/20	09/30/22
16	CLEMIS New Agency Deployment Budget DF1183T2	2,500	2,500		0%	2,500		2,500	2,500		0%	10/03/20 10/03/20	09/30/22 09/30/22
17	Inmate Phone/Visitation System DG1443IP	377	377		0%			377	377			10/15/20	04/09/21
18	M1000 Chassis Replacement D41183MR	740	740		0%			740	740			07/02/21	01/25/22
19	CLEMIS Mugshot RFP D41183FR	1,486	1,486		0%			1,486	1,486			03/22/21	10/06/21
20	Incident Notification System Rewrite DF1183IN	1,257	1,257		0%			1,257	1,257			01/11/21	01/22/22
21	CLEMIS Admin Application DF1183AA	2,089	2,089		0%			2,089	2,089			06/17/21	07/05/22
22	CAD Enhancement Budget DF1183E2	2,000	885	5	1%	885	5	880	885		0%		09/30/22
23	BO Reports Enhancement Budget D41183E1	1,500	1,500	15	1%	1,500	15	1,486	1,500		0%		09/30/22 09/30/22
24	Clear Enhancement Budget DF1183EB	2,400	1,200		0%	1,200		1,200	1,200		0%		09/30/22 09/30/22
25	CFIRS Enhancement Budget D41183EB	1,000	1,000	113	11%	1,000	113	887	1,000		0%		09/30/22 09/30/22
26	CLEMIS Enhancement Budgets D40040EB	1,100	1,100		0%	1,100		1,100	1,100	0	0%		09/30/22 04/28/23
27	CLEMIS SEP Enhancements D40183CE	205	205	3	1%	205	3	202	205	0	0%		09/30/22 09/30/22
28	Citizen Engagement Budget - CLEMIS LG	200	200		0%	200		200	200		0%		09/30/22 09/30/22
	DE1183CM CLEMIS Sizing Budget DF0040SB	200	200		0%	200		200	200		0%		09/30/22 09/30/22
	Totals			386		20,109	6,059	34,897	40,956			10/01/20	09/30/22

CLEMIS Radio Leadership Group 2021-2022

		MP	MP						Rev			Start	End	
LG	Project Name	Req	Alloc	10/03/2020	%	Orig	Ехр	ETC	Total	Var	Var	Revised	Revised	Variance
Priority	Project ID	Hrs	Hrs	09/30/2022	Cmpl	Est	Hrs	Hrs	Hrs	Hrs	%	Planned	Planned	Explanation
		12,885	12,885											
01	CLEMIS Radio Replacement 2021-2022 (Funded) DL1183RC	8,204	8,204		0%			5,195	5,195			10/05/20	09/30/22	
01A	OAKWIN Radio System Enhancement - Phase 2 (Funded)			135	56%	3,531	2,010	1,572	3,582	-51	-1%	02/03/20	09/24/21	
	DL9183P2											02/03/20	05/21/21	
01B	OAKWIN Radio System Enhancement - Ph3 (Funded) DL9183P3			9	1%		9	1,293	1,302			10/05/20	09/17/21	
	CLEMIS Radio Replacement 2021-2022 Total					3,531	2,019	8,060	10,079					
02	T2911 DL9183NG	513	513		23%	665	153	513	665	0	0%	11/13/18	06/21/21	
												11/13/18	11/12/19	
03	Children's Village Radio System Replacement (Funded)	288	288	4	33%	408	134	274	408	0	0%	04/23/20	01/26/21	
	DL9183CV											04/23/20	01/26/21	
04	CLEMIS Radio Enhancement Budget DL0040EB	800	800	2	0%	800	2	798	800	0	0%	10/03/20	09/30/22	
												10/03/20	09/30/22	
	Totals			150		5,404	2,307	9,645	11,952					

Allocation Changes

10/21/20

3,080 unallocated hours.

2021-2022 Master Plan by Leadership Group

2021-2022 Master Plan Allocation Analysis

	2021-2022 Supp	ort/Maintenance	2021-2022 Enhanceme	nts/New Development	Total Allocation
Leadership Group	Support Maintenance Allocation	Planned Maintenance Upgrades Allocation	Master Plan Allocation without Funding	Project Specific Funding	Total Allocation
Courts/Justice Administration	26,816	3,657	13,008	6,181	49,662
Finance/Admin	18,514	1,257	13,759	4,504	38,034
Land	39,710	21,325	12,193	18,628	91,856
eGovernment	26,664	5,924	29,087	0	61,675
Internal Services	42,382	3,934	7,003	8,428	61,747
Technical Systems	104,070	13,031	33,531	22,433	173,065
Totals	258,156	49,128	108,581	60,174	476,039
CLEMIS	95,144	19,697	34,820	398	150,059
CLEMIS - Radio	33,830	1,027	4,393	8,492	47,742
Totals	128,974	20,724	39,213	8,890	197,801

Parameters: 673,840

Master Plan Start Date 10/3/2020 Master Plan End Date 9/30/2022