Escambia / Santa Rosa Regional Advanced Traffic Management System Feasibility Study and Implementation Plan

Transportation Management Center Design Concept

Technical Memorandum

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Version 1.2

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List of Acronyms and Abbreviations

ASHRAE.....American Society of Heating, Refrigerating, and Air-Conditioning Engineers
ATMS .....Advanced Traffic Management System
CCTV..... Closed-Circuit Television
COC .....County Operations Center
EPA.....Environmental Protection Agency
FDOT ..... Florida Department of Transportation
GPF ..... Gallons per Flush
GPM..... Gallons per Minute
HVAC .....Heating, Ventilating, and Air Conditioning
IAQ .....Indoor Air Quality
ISO ..... International Organization for Standardization
LAN .....Local Area Network
LEED ..... Leadership in Energy and Environmental Design
NC..... New Construction
NFPA .....National Fire Protection Association
POV.....Privately Owned Vehicles
SF .....Square Feet
TMC.....Traffic Management Center

1 INTRODUCTION

The purpose of this report is to provide a design concept for a regional traffic management center (TMC) in the Escambia/Santa Rosa County region.

This report serves as an informational resource and TMC development tool. The report builds on the needs, concepts, and requirements established during previous stakeholder meetings and associated work that comprises the Escambia/Santa Rosa Regional Advanced Traffic Management System Feasibility Study and Implementation Plan project.

The intended use of this document is to provide an entry-level informational primer for regional traffic management stakeholders interested in developing the TMC. This document will also provide information regarding initial requirements development and establishes a high-level framework and baseline for the continued development of the TMC.

1.1 Purpose and Objectives

This report is intended to provide a vehicle for stakeholder consensus building and a tracking mechanism during the iterative consensus building process as detailed TMC requirements are developed and refined.

The primary purpose of this report is to commence initial data collection and requirements specifications necessary to begin developing a TMC in the Escambia/Santa Rosa County region. Objectives for this report are to provide:

- General insight to possible TMC stakeholders
- An overview of basic TMC functions
- An overview of basic TMC components
- An overview of basic physical requirements for a TMC
- Provide general cost information for developing a TMC that meets the stakeholders' requirements

This report also provides general information regarding minimum area requirements for a TMC, expected current and future TMC staffing, adjacencies of functional arrangement, and potential site layouts.

The facility is currently proposed as a one-story building of approximately 15,150 square feet (sf) with the expectation to meet the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) basic certification. The TMC will provide workspace for an expected 37 full-time staff members when in full operation in mid-2025. Individual staff

workplace/room data requirements are listed in Appendix B. The building will be a Level IV stormproof facility, capable of operating independent from utilities for five days. A full description of the facility is found in Sections 2 and 3 of this report. Block diagrams showing adjacencies and potential floor plan layouts are shown in Section 3.2.

As sites for the facility have yet to be established, we have developed an "optimal" site plan used as a basis for investigating potential sites and estimating construction costs. Potential sites that have been identified and considered to date are described in Section 3.3.

Excluding ITS equipment and unusual site conditions, the probable construction cost for the facility will be between $4.9 and $5.3 million. A breakdown of the facility's estimate, including assumptions and additional exclusions, is found in Section 4 of this report.

2 PROGRAMMING AND ANALYSIS

2.1 Key Staff Involved

The following individuals were the primary stakeholders and support personnel involved in developing this report:

Robert Peterson	Escambia County
Kenneth Canady	Escambia County
Jim DeVries	Escambia County
Colby Brown	Escambia County
Lee Smith	Florida Department of Transportation (FDOT) District 3
Bryant Paulk	FDOT District 3
Cliff Johnson	FDOT District 3
Ryan Novota	City of Pensacola
Randy Hoyt	City of Milton
Jeff Messer	TransCore
Jill Lavender	West Florida Regional Planning Council
John Alaghemand	DRMP, Inc.
Ben Faust	DRMP, Inc.
Donald Koppy	Atkins – Architecture Lead
Joe Perri	Atkins – Transportation
Ron Meyer	Atkins – Transportation

Preliminary stakeholder interviews were conducted following industry best practices, standards, and specifications. These first rounds of interviews were aimed at defining high-level needs and preferences. In addition, the interviews provided an opportunity to assess the likelihood that additional stakeholders outside of the traffic management community might actively participate in the facility.

2.2 Review of Existing Comparable Facilities

On March 23, 2016, a meeting was held with all of the stakeholders at the Escambia County Central Operations Center. During this meeting the following example facilities were presented to the stakeholders for review.

The example facilities provide a similar type of function and operation. Although they have their differences in size and usage, they are good examples to show the potential direction that future designs could follow.

2.2.1 FDOT District Seven Tampa Bay SunGuide® Center

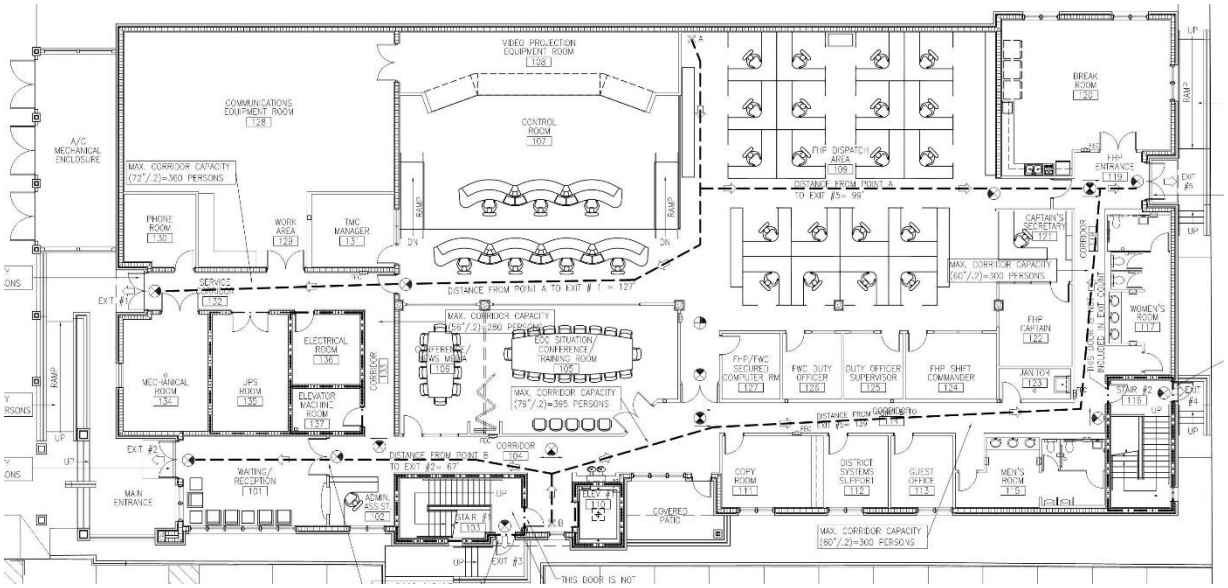

Figure 2-1: District Seven TMC Floor Plan

This is a comparable sized facility with a footprint of 14,180 sf, built in 2005. However, the Florida Highway Patrol's presence in this facility is much larger than the current requirements listed in this report. This facility has a second-story that includes space for TMC management personnel and a local emergency operations center. The control room in this facility is two levels with seven individual workstations.

2.2.2 Figure 2-2: District Seven TMC Operator StationsFDOT District Four SMART SunGuide Regional TMC

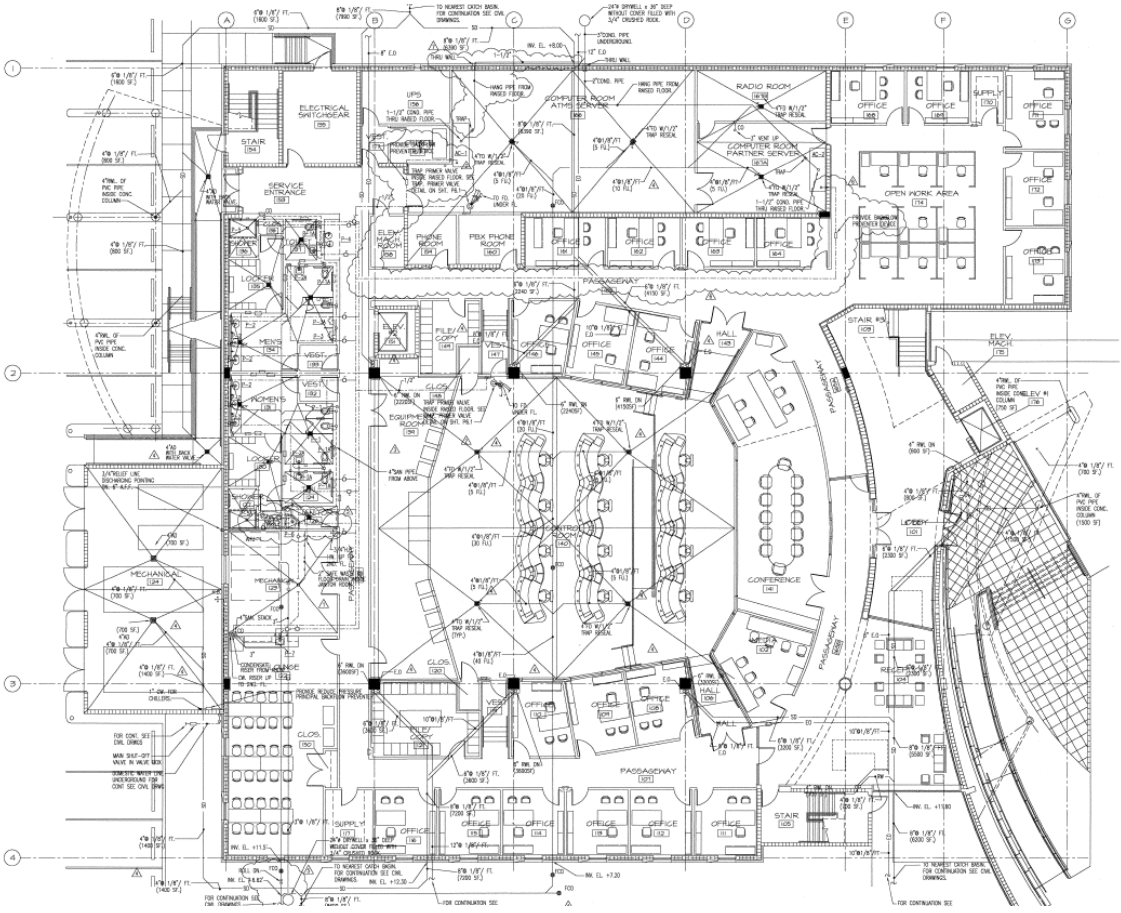

Figure 2-3: District Four TMC Floor Plan

This facility is approximately 43,000 sf on two full floors. The facility includes a large contingent of offices for many functions outside the current proposed TMC.

Figure 2-4: District Four TMC Operator Stations

The facility was recently updated to include travel time graphic displays along sidewalls and additional workstations within the control room for County agencies to monitor arterial operations.

2.2.3 FDOT District Three Northwest Florida SunGuide Center - Chipley

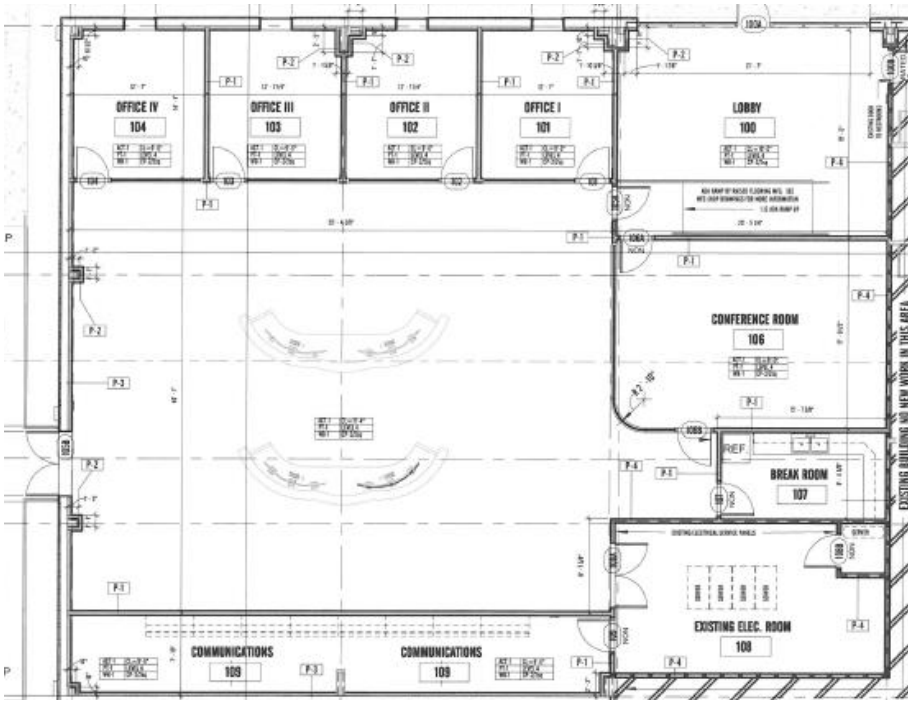

Figure 2-5: District Three TMC Floor Plan

The 4,500 square foot Chipley facility is an addition to an existing building and designed to accommodate a relatively small contingent of staff for the primary purpose of operations and monitoring along the Interstate system. Center to Center connections allow this facility to view information from arterial systems in Bay County and the City of Tallahassee but operation of the arterial corridors is performed at other Centers.

Figure 2-6: District Three TMC Operator Stations

2.2.4 Additional Lessons-Learned

2.2.4.1 Control Room Configuration

Various workstation layouts (e.g., pods versus linear rows) should be analyzed to achieve the goals of this project. It has become apparent in the industry that pod configuration results in providing more synergy among operational staff as well as yielding a more efficient design to include more workstations within a confined space. TMC floor plans, including workstation arrangement, will need to be further developed based upon the needs and preferences of users and stakeholders during the detailed design phase of the future TMC.

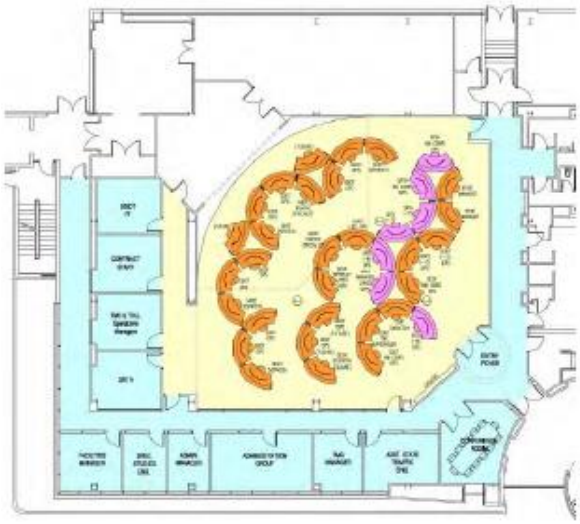

Figure 2-7: Floor Plan with Workstation Pods

2.2.4.2 Video Wall

Video wall requirements and use cases will need to be further examined to address the specific needs of the project stakeholders. The trend is migrating from posting purely closed-circuit television (CCTV) images on the video wall to a combination of performance measures using geographic information system -based maps as well as video images.

Technology for video walls has improved dramatically in the last few years. Aside from the use of mostly liquid crystal display screens arranged in tile patterns, graphic drivers can project imagery at various scales across multiple screens. As the TMC grows and develops to encompass larger geographical areas, additional screens can be provided not only along the main video equipment wall, but side walls as well.

Figure 2-8: Typical Video Wall

2.2.4.3 TMC Operator Workstations

Workstation configurations must accommodate various staff and support computers, monitors, and other equipment associated with traffic operations. Future designs must include adjustable work surfaces along with ergonomic chairs. It is currently projected that each TMC operator workstations will require four monitors, although additional screens can be easily added based upon user preferences.

Figure 2-9: Typical Sit/Stand TMC Operator Workstation

2.3 Projected Growth

Due to national economic conditions, both the State of Florida and Escambia/Santa Rosa Counties experienced the same decreased rate of growth in the past eight years. It would be inappropriate to extrapolate the same level over the next two decades. Due to the previous economic down turn, deferral in planned capital expenditures for growth also have occurred, not only in facilities, but also in new roadways. This increases the service requirements of current in-place roadways being used both longer and at increased levels of operation. All signs point to a large resurgence in growth, precipitated by pent-up demand. The region's dramatic increase in traffic congestion is a prime example of this demand.

Growth in the demand for traffic services is seen in both counties and expected to increase.

2.4 Projected Space Requirements

Projected space requirements for the facility were developed in conjunction with user group projections of county needs, roadway growth, technology changes/improvements, and projected industry standards.

2.4.1 Proposed TMC Space Requirements

As part of a programming effort to develop initial requirements for the new TMC, space questionnaires were developed and distributed, followed up by further reviews and discussion of operational requirements with the stakeholders.

2.4.1.1 Space Program

The results of the building programming efforts are included in Table 2-1.

Table 2-1: Proposed Facility Space Requirements

PROPOSED FACILITY SPACE REQUIREMENTS						
ROOM No.	DESCRIPTION OF SPACE	NUMBER OF SPACES	PROJECTED NO. OF EMPLOYEES	NET SQUARE FEET	TOTAL NET SQUARE FEET	COST/SF
	Public					
	Vestibule	1		100	100	$ 150
	Waiting Area	1		220	220	$ 200
	Receptionist Workstation	1	1	100	100	$ 200
	Media Room	1		150	150	$ 150
	Toilet Room	1		80	80	$ 300
	County Operations					
	Control Room Operator Workstation	2	2	150	300	$ 200
	Future Control Room Operator Workstation	2	2	150	300	$ 200
	Shift Supervisor Office	1	1	150	150	$ 200
	Future Shift Supervisor Office	1	1	150	150	$ 200
	Electronic Specialists Workstation	2	2	96	192	$ 200
	Traffic Engineer Office	1	1	150	150	$ 200
	Future Traffic Engineer Office	1	1	150	150	$ 200
	Traffic Signal Analyst Office	1	1	150	150	$ 200
	Future Traffic Signal Analyst Office	1	1	150	150	$ 200
	Locator Workstation	2	2	150	300	$ 200
	Future Locator Workstation	1	1	150	150	$ 200
	IT Support Office	1	1	150	150	$ 225
	Bench Test Room	1		200	200	$ 150
	TMC County Manager Office	1	1	150	150	$ 225
	DOT Operations					
	Control Room Operator Workstation	1	1	150	150	$ 200
	Future Control Room Operator Workstation	1	1	150	150	$ 200
	Shift Supervisor Office	1	1	150	150	$ 225
	Future Shift Supervisor Office	1	1	150	150	$ 225
	IT Support Office	1	1	150	150	$ 225
	Road Ranger Dispatch Workstation	1	1	150	150	$ 175
	Future Road Ranger Dispatch Workstation	1	1	150	150	$ 175
	Traffic Operations Office	1	1	150	150	$ 225
	Planner Office	1	1	150	150	$ 225
	TMC DOT Manager Office	1	1	150	150	$ 225
	Law Enforcement					
	FHP Dispatcher Workstation	2	2	150	300	$ 175
	Future FHP Dispatcher Workstation	1	1	150	150	$ 175
	Non-FHP Dispatcher Workstation	2	2	150	300	$ 175
	Future Non-FHP Dispatcher Workstation	1	1	150	150	$ 175
	Road Ranger Workstation	2	2	96	192	$ 175
	Future Road Ranger Workstation	1	1	96	96	$ 175
	Support Functions					
	Conference Room - Small	1		150	150	$ 225
	Conference Room - Large	1		300	300	$ 225
	Breakroom with Residential Kitchen	1		600	600	$ 250
	Toilets (based on occupants, connected to Lockers/Showers)	2		278	555	$ 300
	Video Equipment Room	1		250	250	$ 750
	IT Server Control Room	1		100	100	$ 500
	Telecomm Room	1		120	120	$ 400
	LAN Server Room	1		100	100	$ 400
	Radio Room	1		100	100	$ 400
	UPS Room	1		225	225	$ 600
	Main Server Room	1		600	600	$ 500
	County Rack Cage	1		100	100	$ 200
	DOT Rack Cage	1		100	100	$ 200
	FHP Rack Cage	1		100	100	$ 200

It is projected that the law enforcement functions will be in their own self-contained and secured area, with easy access to the control room and support areas.

	Operation Hardware				
	Video Wall	1		252	252
	Video Wall Software	1		N/A	N/A
	SunGuide Servers	3		N/A	N/A
	Database Servers	2		N/A	N/A
	SunGuide Software	1		N/A	N/A
	Signal Control Software	1		N/A	N/A
	Signal Control Servers	1		N/A	N/A
	Core Switches	2		N/A	N/A
	Road Ranger Radio Hardware	1		N/A	N/A
	Locker Room and Showers	2		160	320
	File/Copy Rooms	2		75	150
	Secure Files Room	1		200	200
	Office Supplies Room	1		100	100
	Emergency Supplies/Pantry Room	1		60	60
	Emergency Lounge/Cot Storage	1		200	200
	Road Ranger Supplies Room	1		80	80
	Janitor's Closet	1		35	35
	Electrical Switchgear Room	1		120	120
	Mechanical Room	1		250	250
					0
	Loading Dock/Trash Room	1		175	175
	Service Entrance Vestibule	1		70	70
	TOTAL NUMBER OF EMPLOYEES / NET DEPT AREA REQUIRED		37	308	11,392
	MEP DISTRIBUTION ALLOWANCE			1%	114
	CIRCULATION			30%	3,418
	STRUCTURE AND WALLS			5%	570
	TOTAL AREA REQUIRED				15,493

Note that the projected future workstations and offices compose about 2,400 sf of the facility; however most of these spaces are located in the control room area. Due to the functional requirements and design aspects of the control room, it would not be cost-effective to postpone construction of projected future workstations and offices.

2.4.1.2 Site Program

The results of the site programming efforts are included in Table 2-2.

Table 2-2: Proposed Site Space Requirements

PROPOSED SITE SPACE REQUIREMENTS					
Site No.	DESCRIPTION OF SPACE	NUMBER OF SPACES		NET SQUARE FEET	TOTAL NET SQUARE FEET
	Parking for Total Staff	37		300	11,100
	Parking for Visitors	12		300	3,600
	Loading Dock Drive	1		500	500
	Mechanical Enclosed Yard	1		525	525
	Emergency Generator Yard	1		350	350
	Emergency Water Storage Yard	1		100	100
	Comm Tower	1		50	50
	Outdoor Lounge	1		150	150
	Facility			15,150	15,150
		55			
	NET SITE AREA REQUIRED				**31,525**
	PERIMETER ALLOWANCE			15%	**4,729**
	CIRCULATION ALLOWANCE			33%	**10,403**
	LANDSCAPING/SWFMD ALLOWANCE			20%	**6,305**
	TOTAL SITE AREA REQUIRED				**52,963**
				Acres	1.22

Conceptual Plan and Site Diagrams identified in Section 3 are based upon Tables 2-1 and 2-2 for their basis of design. Note that the proposed site space requirements utilize an optimal site layout that is rarely achieved due to actual conditions and site-specific constraints.

2.5 Sustainability Considerations / LEED

In keeping with the City of Pensacola's and Escambia County's sustainability goals, LEED opportunities for planning and designing the new facility are addressed in this report. However, this report does not provide a complete prescriptive tutorial for ultimate facility design compliance with the associated comprehensive and holistic performance-based criteria. The multi-disciplinary design team must become familiar with the formal criteria and conduct associated due diligence design analyses to successfully verify and demonstrate compliance with LEED.

2.5.1 LEED Certification Strategy

Due to an estimated design commencement after October 2016, this project will be registered and formally certified (40+ points) using the LEED New Construction- (NC) v4 rating system. Several recommended strategies to better position the project for LEED certification success are addressed below. More detailed information regarding this rating system can be found online at http://www.usgbc.org/credits/new-construction/v4 . Also refer to Appendix B for the preliminary LEED NC-v4 scorecard.

2.5.1.1 Site Design

The LEED program seeks to actively influence property development practices toward greater overall sustainability. As part of this, the LEED rating system rewards pedestrian and bicyclist accessible infill development as well as close proximity to mass transit services and existing community infrastructure. Conversely, relatively rural, green field, and wetland site context disqualifies projects from numerous site-related LEED credits/points. Nevertheless, several sustainable design strategies can directly contribute to LEED certification success.

- Dedicate permanent non-turf vegetated open space equal to at least 30 percent of the total LEED site. Note that either or both existing wetland and retention pond features can contribute toward this total as long as they have eased side slopes (1v:4h average) vegetated with non-turf plant selections.
- Designate 5 percent of privately owned vehicle (POV) visitor and staff parking lot capacities as reserved for qualified low-emission/fuel efficient vehicles.
- Install Level 2 data networked charging units equal to 2 percent of total POV parking capacity, separate and in addition to the preferred spaces (Refer to Section 2.4 "Project Space Requirements"). Note: Total POV parking excludes fleet vehicles that are not used for routine facility staff commuting purposes.
- Utilize minimal (for security only) and very high-efficiency site/exterior lighting. Ensure it is full-cut-off, meeting LEED prescribed backlight uplight glare criteria for night sky and neighboring property trespass prevention.
- Ensure on-site stormwater retention and infiltration of the run-off resulting from 98th percentile storm events.
- Integrate a naturalistic landscape without any installed permanent irrigation system. Preserving and complementing the existing on site wetland conditions is a recommended approach for an appropriate drought-tolerant and low-maintenance landscape strategy. Note that temporary irrigation, such as construction water trucks, water barrel devices, and surface drip systems, is acceptable for a two-year maximum establishment period.

Also note that the formal LEED site project boundary must be finalized once the Limits of Work is established.

2.5.1.2 Building Design

General building adjacencies and basic spatial needs are identified in this report. However, an integrated design approach is highly recommended to advance design refinements and maximize cost-effective LEED certification and sustainable facility design success. The following list provides several additional noteworthy strategies that are recommended for both optimal sustainable facility performance and direct LEED certification contribution.

- Follow the recommended design development methodology outlined within the LEED "Integrative Process."
- Engage a qualified third-party commissioning authority during the early design to commence both mandatory facility operations and maintenance planning as well as elective design phase tasks, as specified by the LEEDv4 User Guide.
- Integrate facility level utility metering, either utility grade or owner maintained meters, for each service supporting building functions, such as electric, natural gas, propane, and domestic water.
- Sub-meter the facility's process water demand for an additional LEED credit opportunity as well as diagnostic reference for facility operational water use trends.
- Ensure the design complies with all mandatory provisions of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 90.1-2010, including all issued errata, part of which may exceed current Florida Building Code requirements.
- Ensure the design complies with ASHRAE 62.1-2010 Sections 4–7 as well as the ventilation rate procedure prescribed mechanical distribution, part of which may exceed current Florida Building Code requirements.
- Incorporate fresh outdoor air intake air flow rate and exhaust fan air flow rate as well as carbon dioxide and carbon monoxide level sensors/devices to automate operational ventilation system effectiveness.
- Prioritize design solutions that will yield an exceptionally energy-efficient facility, equating to >30 percent more energy *cost*-efficient than ASHRAE 90.1-2010 using the LEEDv4 prescribed Appendix G comparative methodology. Also refer to the 2030 Challenge section.
- Employ very high-efficiency plumbing fixtures throughout, such as 1.28 gallons per flush (gpf) toilets, 0.125gpf urinals, 0.35 gallons per minute (gpm) meter or sensor-controlled lavatory and hand wash faucets, 1.0gpm break room kitchen faucets, and 1.0gpm shower heads.
- Ensure male occupant accessible restrooms include a urinal, including single occupant toilet rooms. This optimizes LEED-related performance by making more efficient urinals available for routine use by all male occupants.
- Integrate all necessary infrastructure to readily accommodate a full expanse rooftop photovoltaic array installation, including sufficient structural support, secured roof access, conduit pathways, sufficient electrical room sizing, etc.
- Integrate fenestration locations that ensure over 75 percent of the occupied floor area, including the control room zones, have exterior views that include at least two of the following: (1) flora, fauna, or sky; (2) movement; and (3) objects at least 25 feet from the exterior of the glazing as well as unobstructed views located within the distance of three

times the head height of the vision glazing. This will be complicated by the function of the control room, which needs to maintain a glare-free environment, and the stormproof nature of the facility.

- Clearly specify all unique contractor-executed tasks and procurement criteria within project contract documents, such as the reference examples noted under the Construction Practices in Section 2.5.1.3.

2.5.1.2.1 Sustainable Design – Lighting and Ventilation

A computer simulated daylighting/photometric analysis is critical to informing the design process to yield optimal ambient daylight levels while minimizing direct sun beams, excessive glare, and extreme variances in interior light levels across the facility interior. Note that several manufacturers offer design support studies for their daylighting and high volume, low speed fan product applications. However, while useful to the design process, these analyses may not align with formal LEED documentation requirements.

2.5.1.3 Construction Practices

Many LEED-related project features will be integral to the design drawings. However, successful execution of numerous contractor-led activities will rely heavily upon criteria stipulated within the written specifications. As LEEDv4 is still relatively new to many industry professionals, it is highly likely that both the general contractor and installers will be unfamiliar with much of the technical requirements of formal LEEDv4 project certification. Therefore, specifications that sufficiently outline project-specific requirements, including but not limited to, unique LEEDv4 criteria are critical to overall quality control. In addition, mandating involvement of at least one LEED accredited professional on the general contractor's project management team is highly recommended as a bidder qualification. Likewise, it is recommended that a design team-led LEED orientation meeting be conducted with the general contractor prior to construction mobilization, with cumulative LEED progress reporting required of the contractor throughout construction.

- Develop and implement a project construction erosion and sedimentation control plan that meets or exceeds the 2012 U.S. Environmental Protection Agency (EPA) Construction General Permit requirements. Note this criteria is to be met for this project, regardless of any Construction General Permit allowable project type exemptions.
- Develop and execute a construction waste management plan documenting the diversion of 50 percent or more of total non-land clearing-related project construction waste utilizing at least three material source separated recycling methods, thereby fulfilling both mandatory pre-requisite and elective LEED criteria.
- Develop and execute a construction phase Indoor Air Quality (IAQ) Protection Plan.

- Conduct LEED prescribed pre-occupancy IAQ testing using current versions of the American Society for Testing and Materials Standards methods, EPA compendium methods, or International Organization for Standardization (ISO) methods as applicable.
- Source documented sustainability/LEED qualified materials and low volatile organic compound products. Note that LEEDv4 introduces more comprehensive product qualification considerations, such as environmental product declarations, corporate sustainability reports, extended producer responsibility, and chemical abstract service registration numbers. It also introduces limitations on the contributions claimed from commodity structural and building enclosure materials.
- Purchase renewable energy certificates/carbon offsets dedicated to the facility equivalent to at least 250 percent of its anticipated annual energy use.
- Orchestrate commissioning-related tasks, such as functional systems testing, operator training, systems manual compilation, and any deferred seasonal or warranty phase tasks.

2.5.1.4 Performance Baseline Standard

In order to streamline design collaboration and align with the required LEED energy analysis, it is recommended that the facility design performance evaluation also utilize the ASHRAE 90.1-2010 Appendix G methodology to estimate the facility's annual average site energy-use intensity.

2.5.1.5 Implementation Approach

Achieving a particularly energy efficient facility will require a collaborative partnership between the design and owner team. In addition, success will rely upon integration of on-site renewable energy and/or enhanced efficiency features that may not be considered life cycle cost-effective or even commonplace in similar facilities.

Early schematic design must include owner input related to desired facility temperature and performance parameters along with process equipment selections, quantities, and their anticipated use trends. Using this information, an Appendix G energy analysis conducted by the design team can provide a initial reference estimate of the facility's annual energy consumption. It can also help the project team identify the most beneficial and cost-effective energy conservation design upgrades for incorporation.

2.5.1.6 Efficiency Strategies

In advance of a detailed Appendix G evaluation, this report recommends numerous design efficiency enhancements in the project budget. Refer to Section 4.1 for details. For general reference, these strategies encompass the following:

- Incorporate a high-efficiency envelope – increased insulation values for wall and fenestration assemblies, also verifying which spaces qualify for unheated or semi-heated classification under ASHRAE 90.1-2010. As a general guideline, all spaces classified as semi-heated or heated/air conditioned should be better insulated than the minimum required by 90.1-2010 for their heating/air conditioned classification.
- Integrate fenestration locations and selections to ensure most ambient lighting needs are met by daylighting, optimizing strategic placement of relatively high light transmitting fenestration, and higher reflectance interior finishes as well as use of daylight sensors. Elimination of most, if not all, of the day-time lighting energy demand is a considerable conservation opportunity for this predominately daytime operations facility.
- Identify and integrate appropriate adjustable task lighting throughout to augment ambient daylighting in staff work zones, including receptionist station, office staff, and open office workstations.
- Engage daylight simulation and Appendix G energy analysis professional services to inform and verify that targeted performance goals are being met.
- Segregate routine 24/7 work spaces from remaining business day building system service zones to minimize associated heating, ventilating, and air conditioning (HVAC)/lighting energy use.
- Integrate a very high efficiency electric lighting design throughout the project exterior and interior, comprised predominately of extremely high-efficacy light-emitting diode selections and employing both daylight sensors in largest spaces and occupancy sensors in nearly all enclosed spaces.
- Utilize high-efficiency HVAC systems, coupled with a direct digital control system optimizing appropriate energy conservation settings.
- Provide only limited heating for freeze protection and minimal winter technician comfort inside key/localized work zones of the maintenance bays to significantly reduce project heating energy demand. Radiant heaters should be considered for localized heating of the staff working in the lower elevation (7’-0” AFF and below) maintenance bay zones.
- Specify high-efficiency engineered systems equipment and motors, including mechanical fans and domestic hot water heaters.
- Integrate both lighting and mechanical equipment control systems to enable optimization of efficiency enhancing automated “smart” sensors, including occupancy, daylight level, carbon dioxide level, temperature, ventilation intake air flow, etc.

3 CONCEPTUAL BUILDING FLOOR PLATE AND SITE UTILIZATION DIAGRAMS

3.1 Facility Design Parameters

The facility will be designed to current Florida Building Code, National Fire Protection Association (NFPA) Life Safety Code, and comply with the Americans with Disabilities Act. Its design parameter will include operational capability after all but the most devastating storm events by following the Florida Building Code's requirements for the highest risk category of IV.

The entire facility is designed to potentially operate on a 24/7 basis; however, it is currently expected to be primarily utilized for only one day shift by personnel.

3.1.1 Preliminary Project Requirements

A series of potential project requirements identified by the stakeholders during the stakeholders meeting held on March 23, 2016, were reviewed. The stakeholders provided their opinions as to the applicability of individual requirements. The following subsections list the accepted requirements for the new facility.

3.1.1.1 Basic Design Requirements

The facility will be designed to current Florida Building Code, NFPA Life Safety Code, and comply with the Americans with Disabilities Act. Its design parameter will include operational capability after all but the most devastating storm events by following the Florida Building Code's requirements for the highest risk category of IV.

3.1.1.2 Building Function

The first fully operational phase of the TMC will maintain hours of operation on Monday through Friday, from 6:00 a.m. to 7:00 p.m. Public access to the TMC will be between the hours of 8:00 a.m. and 5:00 p.m. Access to the TMC after business hours will be made via intercom-buzz through the system at the vestibule.

The facility will include an area or room(s) for personnel to rest and sleep during 24/7 operations.

The TMC conference room will be configured to present press conferences to the media and to the public.

The facility design will include a loading dock located adjacent to the workshop, with double doors at the entrance of the room to facilitate the movement of large objects to/from the loading dock to/from the workshop.

The loading dock will include hurricane rated pull-down doors to seal the dock area and include a dedicated trash area adjacent to the loading dock

The facility will include interior and exterior signage to identify all areas and spaces, including offices, control room, equipment room, workshop, video equipment room, and other dedicated spaces.

3.1.1.3 Site

The TMC will be located in an area that is not subject to local flooding or high-water issues during rainfall events or other nature-based high-water events.

The TMC will be located in a secured, safe site that is not located near hazardous materials, railway facilities, tank storage facilities, airport facilities, or other possible threats, static or mobile, that may risk operations and management of the TMC.

The TMC site will include all stormwater management facilities as required by local, state, and federal codes.

The site design will not place light poles or other infrastructure in areas that could affect accessibility to the facility in the event that the infrastructure is damaged or fallen during a storm or high wind event.

Vegetation within 50 feet of the facility will be minimized in order to reduce potential damage from falling trees, wind born debris, or fire.

3.1.1.4 Building Construction

All exterior walls of the facility will be reinforced masonry or concrete system for resisting high wind speeds and wind-born debris damages. The roof system will be precast concrete or concrete fill on metal decking.

All doors, windows, louvers, and other building openings will be designed and constructed to adhere to hurricane design codes, with all entrances covered. All exterior windows, doors, and interior security doors will be bulletproof rated. All exterior doors will be compliant with the Federal Emergency Management Agency 361 – Design and Construction Guidance for Community Shelters.

The TMC control room will have no vertical support columns located within the control room space.

All exterior support equipment for satellite and cable television, including dish or cable connection hardware, will be mounted at ground level and protected from high winds or wind-born debris by reinforced fencing.

The TMC will be sufficiently air-tight and equipped with sufficient air filtration systems to prevent infiltration of hazardous gases or other types of chemicals in the event of a spill or other potential contamination events.

3.1.1.5 Building Interiors

The TMC control and server rooms will include a grounded, raised pedestal floor configured in a 2-foot by 2-foot grid for cable management, climate control, and equipment cooling.

Anti-static carpet should be used throughout the entire facility where carpeted finishes are required.

All equipment room floors and/or sub-floors will be graded away from final equipment locations to direct water away from equipment racks.

3.1.1.6 Building Systems

1. Central HVAC equipment for the main building with second system for cooling control room and server rooms.
2. HVAC system will be zoned to allow for minimal operation in unoccupied areas.
3. Wet pipe sprinkler fire suppression system for the entire building with the exception of the central equipment room and video equipment room.
4. Gas-based fire suppression system for the equipment room, video equipment room, and other dedicated server, computer, or electronics rooms.
5. Building-wide intercom system.
6. Adjustable lighting with dimming control and lighting control zones in the control room.
7. Climate controlled video wall equipment room with sufficient cooling for full build-out of the control room's central display.
8. The server rooms will maintain positive pressure with respect to surrounding areas, include a carbon monoxide detection system, and be confined by vapor-barrier walls.
9. A set of double doors for equipment access in the main server room.
10. The control room will be designed in accordance with ISO 11064 standard.
11. Integrated redundancy for all temperature control systems in the building.
12. All HVAC external air intakes will be installed in a protected, secured area.
13. The TMC electrical and power system will integrate an uninterruptible power supply system capable of supporting the entire building operations, with backup generator for

continuous, unlimited power backup for all TMC system components and ATMS components for seven days.

14. The TMC will include an emergency backup potable water supply tank for emergency use during service outages to provide sufficient potable water for five consecutive days of continuous, full scale operations. This excludes water for fire-suppression systems.

3.1.1.7 Workstations

1. Each operator workstation will include a personal computer, keyboard, mouse, display, telephone, two data ports, chair and bookshelf space, and be configurable to install four 19inch flat panel monitors that will not obstruct any sight lines to the main video wall.
2. Each operator workstation will operate and manage the entire signal system, have full functionality available from the ATMS central software, and operate, monitor, and control all CCTV cameras, and be viewable on dedicated operator workstation displays.
3. Workstation will be reconfigurable and capable of being relocated due to expansion or other needs based on modification of existing control room layout.
4. Workstation computer will be configured to include a CD/DVD writer/burner, a LAN NIC, multi-monitor video graphics card(s), sound card, six universal serial bus ports, two fire-wire ports, speaker jacks, and an internet connection.
5. Workstations will include dedicated task lighting that can be configured and set by each system operator, and will not impact neighboring workstation lighting conditions.
6. The operator workstation surfaces will have a flat, non-reflective finish.
7. Each operator workstation will include a pull-out tray suitable for placement of a computer keyboard.
8. Each row of operator workstations will have a low-profile, mobile cart located at the end that is suitable for storing operations manuals, incident management plans, mapping, and other support documentation.

3.1.1.8 Security

The facility will include:

1. Public parking area for visitors or other non-credentialed TMC patrons will be completely covered by CCTV surveillance cameras. All entrance and exit points and all critical site infrastructure will be covered in external lighting in order to provide proper monitoring via the CCTV network.
2. The TMC will include a key-pass based security system for all internal ingress/egress high-security doors that is capable of being configured to establish varying levels of access to specified areas of the TMC, and integrated to log all passings.

3. The TMC CCTV security system will be fully operable, including pan, tilt, and zoom functions, from a remote location by the TMC Manager or Shift Supervisors via secured communications.
4. The TMC security systems will include fully redundant systems, including power supplies, data storage, and system support equipment.
5. All TMC employees will be required to wear identification badges at all times when on TMC property.

3.1.1.9 Technology

To support technology, the facility will include:

1. Dedicated control room for system operators to provide overall operations and management of the ATMS, with a dedicated equipment room to house all ATMS and TMC central hardware and support equipment.
2. Room or phone private branch exchange and telecommunications equipment.
3. Dedicated room for the TMC local area network (LAN) and central TMC communications hardware other than ATMS-related central hardware.
4. The main conference room will include capabilities for video conferencing.
5. The large conference room table will include a telephone/conference call phone system suitable for full scale operations in the control room.
6. Structured cabling will comply with requirements defined in EIA/TIA 568A structural wiring standard. Cable identification will comply with ANSI/TIA/EIA 606 standard. Cabling installed above or in ceiling will be placed in cable ladders or structured raceways. Data cable will be CAT 6e.
7. Dedicated, secured, encrypted wireless LAN for wireless communications within the control room.
8. An area dedicated for installation of a communications tower will be positioned adjacent to the TMC, and be secured by fence and debris wall.
9. Phone system will include the integration of proximity badges for the TMC Manager and Shift Supervisors, in order to identify where to direct all incoming calls during emergency events.
10. The TMC control room will maintain cell phone coverage.
11. Manager will be equipped with a satellite phone for use during emergency operations or other operations when typical communications are disrupted.

12. The server rooms will be designed and constructed in agreement with TIA/EIA-589 Section 8 – Equipment Room.
13. The control room will include six power outlets and six GigE data ports positioned in the walls around the situation/planning table for laptop interface.
14. The control room will include two displays of 90 inches or greater that are dedicated to monitoring the local and national news full time and mounted to the sides of the control room main video wall.
15. The central video display in the control room will include a wireless remote control system for configuration and control options while away from workstation or logged-off from a workstation.
16. The control room's central video display will be configured to allow full access to serviceable components for maintenance and repair without disrupting the remainder of central video display.
17. The control room's central video display will be capable of images from all CCTV cameras, system maps, television broadcasts, digital versatile disc images, video images, Microsoft© Windows applications, and System Operator applications.
18. The ATMS network and supportive subsystems will be configured to allow operations to be fully transferable to another facility or TMC in the case of a catastrophic event.

3.1.1.10 Storage

Storage will include:

1. Secured, file storage room for storing operational files including system mapping and plans, records, invoicing, contracts and warranties, and other TMC-related documents.
2. The control room workstations will include cabinet for daily personal storage. Each operator workstation will include two lockable cabinets for personal items belonging to system operators, each with a different key set.
3. Each operator workstation will include two dedicated file drawers for standard filing of 8.5 x 11 paper.
4. Area to store Meal, Ready-to-Eat, cots, blankets, and linens for extended operations.

3.2 Conceptual Floor Plan and Site Plan Diagrams

3.2.1 Conceptual Floor Plan Diagram

In order to limit required quantities of expensive hurricane-resistant exterior surfaces and other features to lower cost, the square footage of the interior space is reduced as much as possible.

This also improves the facility's ability to resist storm events. These floor plans are conceptual in nature, primarily as a test fit to determine overall size requirements and relationship adjacencies. Additional refinement in the next phase of design is expected to take place. Refer to Appendix A for an enlarged Conceptual Floor Plan Diagram.

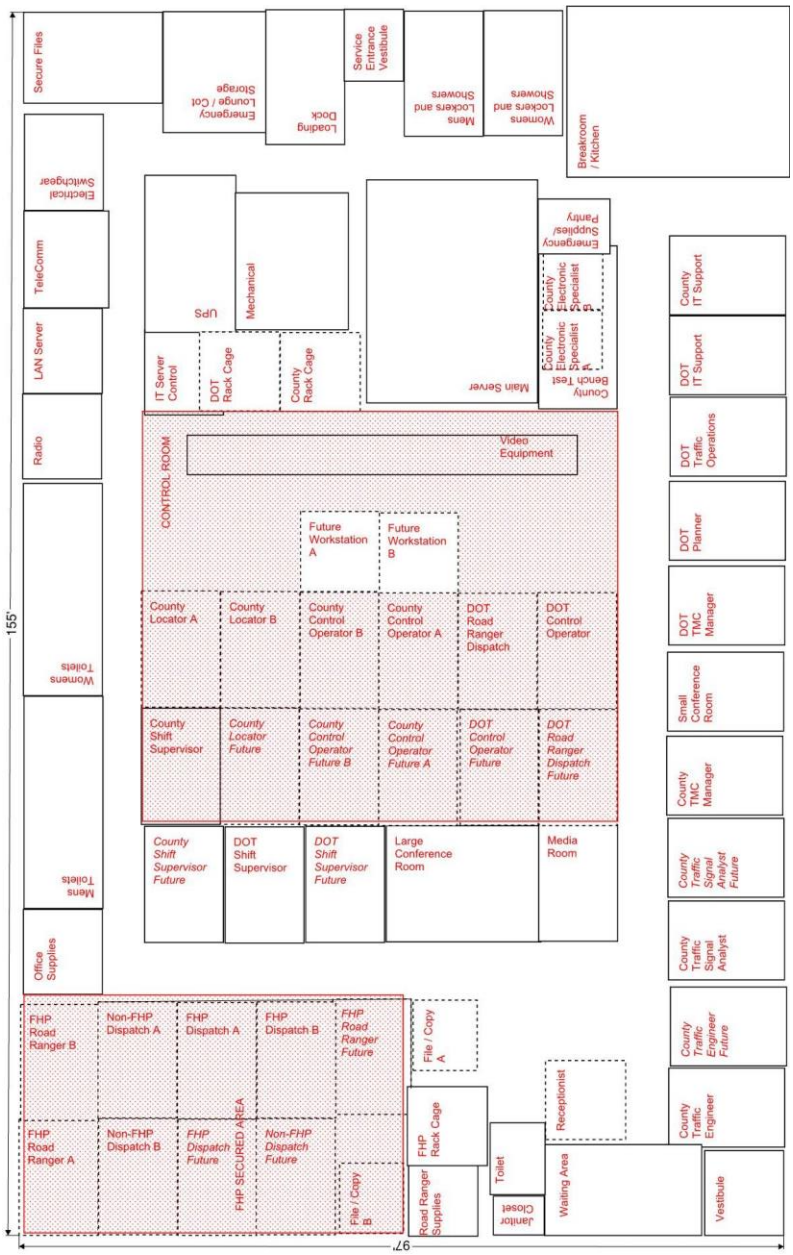

Figure 3-1: Conceptual Floor Plan

3.2.2 Optimal Site Plan Diagram

The site diagram is directly affected by the building design concept. It is important to keep a rectangular format for the type of construction systems and materials used. Refer to Appendix A for enlarged Optimal Site Plan Diagram.

Figure 3-2: Conceptual Site Plan

3.2.3 Sight Line Analysis through Control Room Section

Aside from the server rooms and rack cages, the majority of the facility is very similar to a typical office building with the exception of the control room. The control room is the heart of

the facility and special operational needs require careful design considerations. Like the server rooms, the control room is located away from any exterior walls for security reasons and protection from storm events. Due to the use of multiple video monitors arranged across an entire wall, ceiling space is raised to enable clear line of sight for all TMC operators and offices adjacent to the video wall. Refer to Appendix A for an enlarged Sight Line Analysis Diagram.

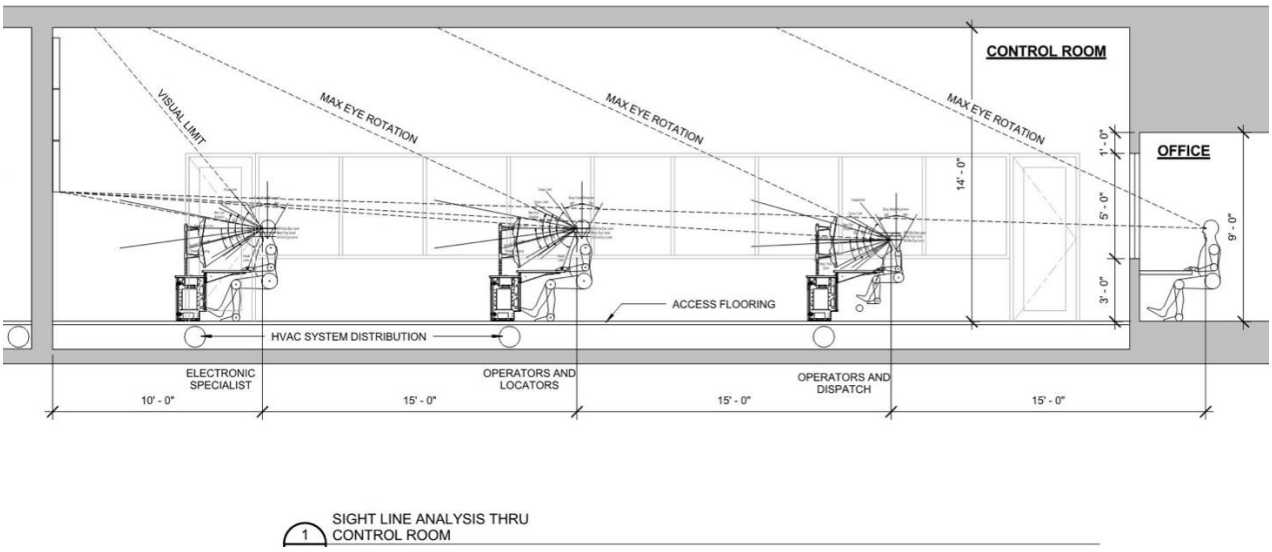

Figure 3-3: TMC Sight Line Analysis

Planned workstation locations are defined in generality. Changes in the industry standards, moving away from individual workstations to workstations capable of holding multiple team members, should be further reviewed as a design option. To maintain individual staff comfort it is recommended that HVAC supply grilles are provided through underfloor ducts at each workstation. Sit/stand adjustable work surfaces are also recommended. Standing operators may occasionally interfere with views of the video screen, but this should be considered a minor detraction given the healthy ergonomic option of having sit/stand consoles.

3.3 Potential Site Locations

The following five sites were identified by stakeholders as possible locations for the TMC. These preliminary sites for consideration were selected based primarily on availability (owned by one of the stakeholders) and location away from potential hazards previously described. Additional research and vetting will be required during subsequent design stages to verify the appropriateness and capabilities of the future TMC site.

Figure 3-4 provides a map showing the locations of the five sites.

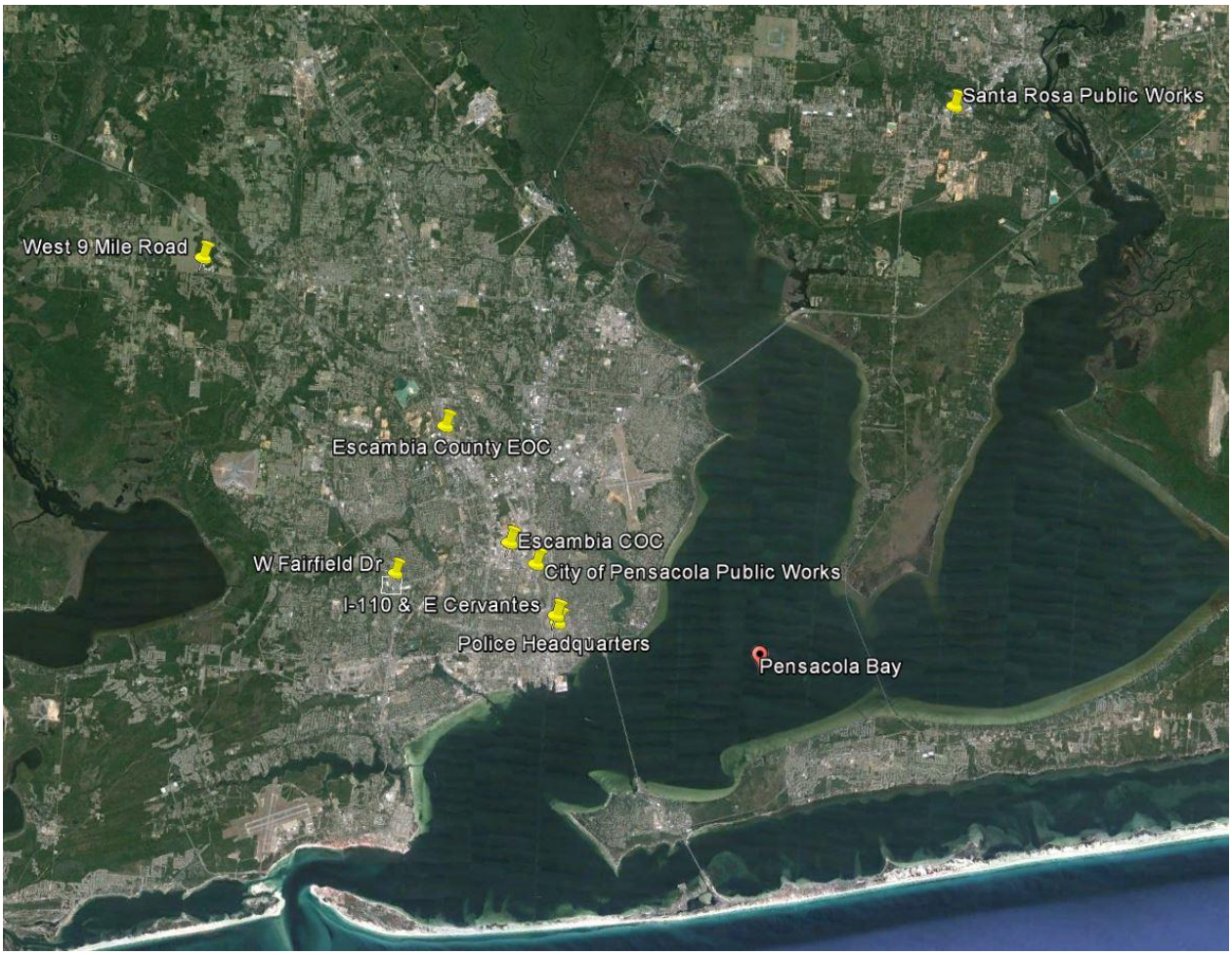

Figure 3-4: Potential Site Locations

3.3.1 Site Location – Escambia County Operations Center (COC)

Figure 3-5: Conceptual Floor Plan on Escambia COC Property, 3363 West Park Place, Pensacola, FL 32505

Being adjacent to the COC, the TMC facility's footprint is shown located in the existing parking lot to the south of the COC building. As the site is already developed with retention ponds in place, construction costs would be minimized. A variance in parking requirement may be in order.

Site is currently developed with buildings, parking lots, drainage features, utilities and maintained vegetated areas. The proposed location of the ATMS building is predominantly a paved parking lot with grass and shrub islands.

- Several County and private vehicles were observed parked in the area.
- Impacts would need to comply with City of Pensacola and/or Escambia County tree ordinances. See CHAPTER 12-6. TREE/LANDSCAPE REGULATIONS

https://www2.municode.com/library/fl/pensacola/codes/code_of_ordinances?nodeId=TITXIILADECO_CH12-6.TRLARE

- A stormwater pond is located to the south of the parking lot.
- There were no wetlands observed in the proposed ATMS building site.
- There were no listed species concerns observed during the site visit.
- There were no obvious signs of contamination on site.

3.3.2 Site Location: Santa Rosa Public Works

Figure 3-6: Conceptual Site on Santa Rosa Public Works Property, 6095 Old Bagdad Hwy, Milton, FL 32583

Although distant in location from most roads being monitored, this site is also already developed. The optimal site plan is shown with two driveways leading to Pine Forest Road. One negative aspect is the Public Work's loose materials and marginally stormproof structures adjacent, which could impact the TMC during a storm event.

- Site is currently developed with storage buildings, covered area for equipment parking, open parking, drainage features, utilities, and maintained vegetated areas. The proposed location of the ATMS building is predominantly used for parking of heavy equipment used in forestry. See Photos 1, 2, and 4.

- Various forestry equipment and supplies were observed in the area.

- A stormwater swale is located to the east of the parking area.

- There were no wetlands observed in the proposed ATMS building site.

- There were no listed species concerns observed during the site visit.

- There were no obvious signs of contamination on site.

- If the site is chosen to move forward in the evaluation process, the vegetated areas proposed for ingress and egress should be reviewed for listed species, however the occurrence of listed species is not anticipated due to the proximity of the adjacent roadway and other land uses in the area. Impacts would need to comply with Santa Rosa County tree ordinances. http://www.santarosa.fl.gov/developmentservices/documents/tree%20removal.pdf

3.3.3 Site Location: City of Pensacola Public Works

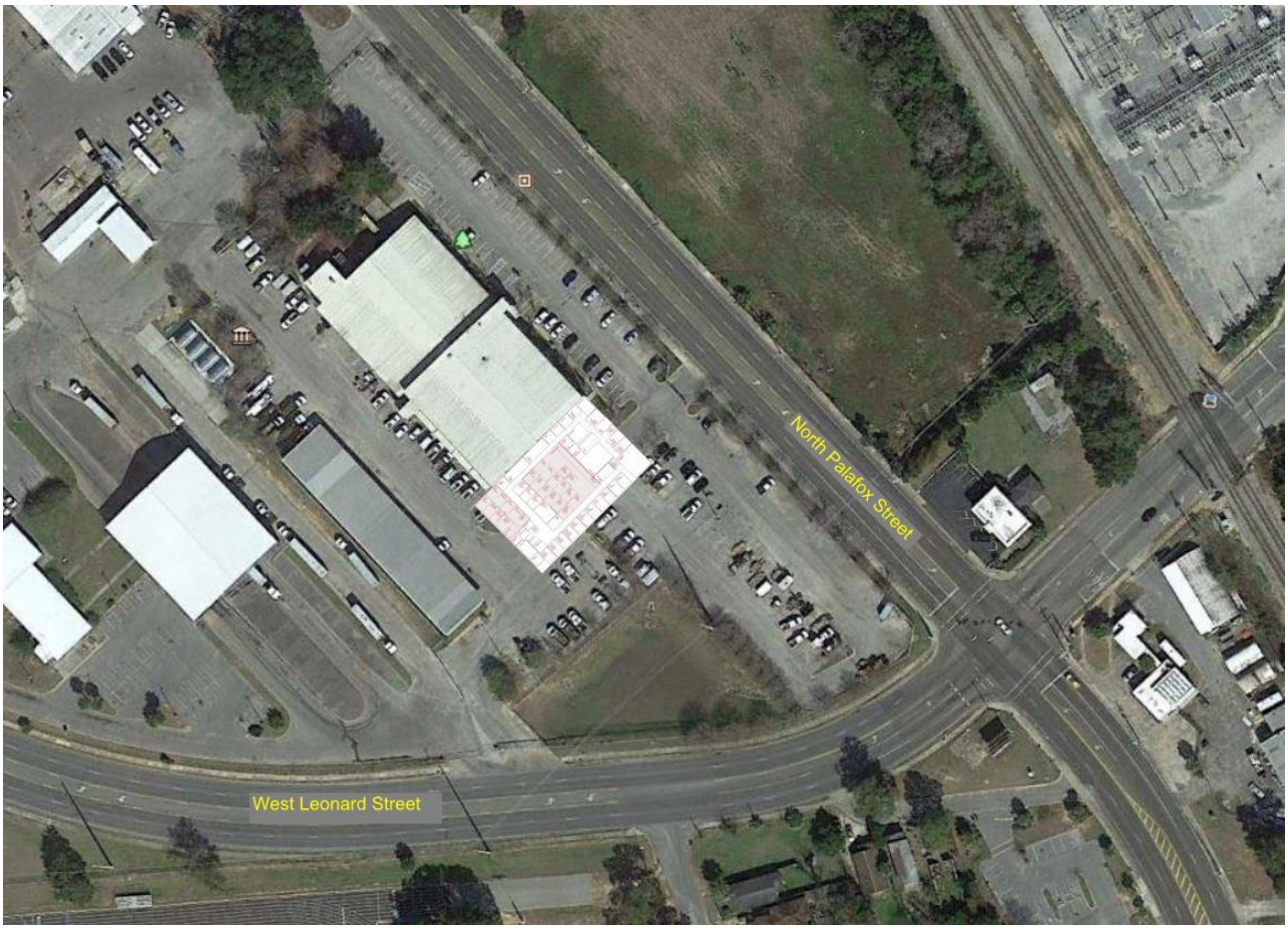

Figure 3-7: Conceptual Floor Plan on City of Pensacola Public Works Property, 2757 N Palafox St, Pensacola, FL 32501

This site is also developed with the concept of attaching the footprint of the TMC to an existing facility.

- Site is currently developed with buildings, parking lots, drainage features, utilities and maintained vegetated areas. The proposed location of the ATMS building is predominantly a paved parking lot with grass and shrub/tree islands.
- Several City of Pensacola vehicles were observed parked in the area.
- Impacts would need to comply with City of Pensacola and/or Escambia County tree ordinances. See CHAPTER 12-6. TREE/LANDSCAPE REGULATIONS https://www2.municode.com/library/fl/pensacola/codes/code_of_ordinances?nodeId=

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- There were no wetlands observed in the proposed ATMS building site.
- There were no listed species concerns observed during the site visit.
- There were no obvious signs of contamination on site.

3.3.4 Site Location: 9 Mile Road

Figure 3-8: Conceptual Floor Plan on Site at West Nine Mile Road, Pensacola, FL

This location is currently being acquired by Escambia County from the Department of the Navy. The property is currently being used as a training ground for helicopter pilots. Escambia County is in the process of acquiring this land for Industrial development to spur economic growth.

This land mass is bordered by 9 Mile road on the south side and Frank Reeder Road to the north. Since the County is currently in the planning stages of subdividing the land mass into smaller lots for development purposes, the proposed use of a parcel of this land being utilized for the TMC will have to be coordinated with Escambia County before a conceptual approval is obtained.

Utilities services to support a TMC building structure are available along 9 Mile Road.

As a completely undeveloped site, this site would entail the most environmental impact and associated costs.

3.3.5 Site Location: I-110 Adjacent to Police Station

Figure 3-9: Conceptual Floor Plan on Site Adjacent to I-110 and Pensacola Police Department

Since this is a partially developed site, it would require a simple adjustment to the conceptual plan diagram to fit. Parking can be located under the raised interstate. A parking lot for the adjacent police station can potentially be used for visitors. However this site is the location of a popular urban garden that would need to be relocated at additional expense. Site is currently developed with utilities, maintained vegetated areas, and a paved walking path.

- There were no wetlands observed on the site.
- Impacts would need to comply with City of Pensacola and/or Escambia County tree ordinances. See CHAPTER 12-6. TREE/LANDSCAPE REGULATIONS https://www2.municode.com/library/fl/pensacola/codes/code_of_ordinances?nodeId=

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 There were no listed species concerns observed during the site visit.

 There were no obvious signs of contamination on site.

3.3.6 Site Location: Adjacent to Escambia County EOC

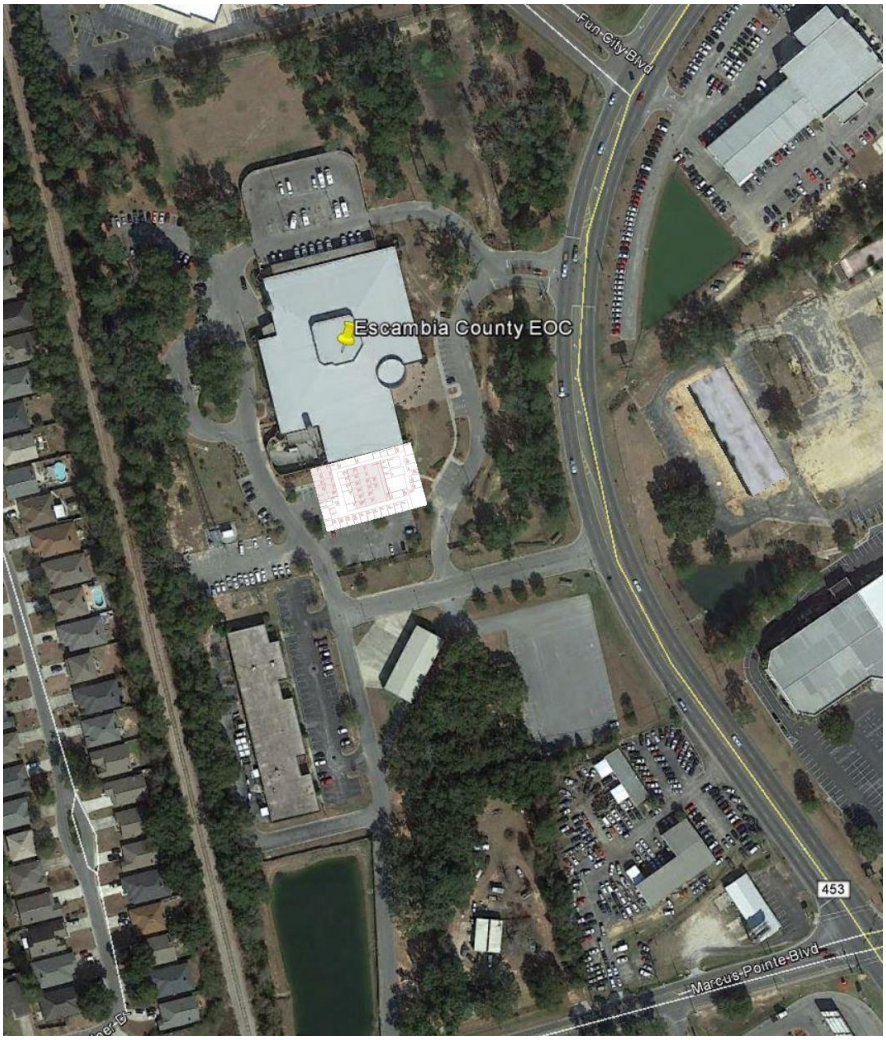

Figure 3-10: Conceptual Floor Plan on Site Adjacent to Escambia County Emergency Operations Center, 6575 North "W" Street, Pensacola, FL 32505

Since this is a partially developed site, it would require a simple adjustment to the conceptual plan diagram to fit. Parking can be located in existing green area as required. An overflow parking lot for the EOC can potentially be used for visitors.

As this locations is connecting to the existing EOC building, making the TMC part of the EOC, this location would provide for improved coordination of traffic management during EOC activation. This is highly valuable especially in times of evacuation needs, major events and major incidents and therefore is the recommended alternative.

- Site is currently developed with buildings, parking lots, drainage features, utilities and maintained vegetated areas.
- There are a significant number of live oak (Quercus virginiana) and other hardwood trees in the vegetated areas throughout the site and removal of the trees would require compliance with the current Escambia County Land Development Code requirements in Chapter 2 Article 2-3 Tree Protection and Preservation. http://myescambia.com/sites/myescambia.com/files/pages/2012/Oct/Comprehensive%20Plan%20and%20Land%20Development%20Code/LDC_2_18_16_BCC%20approved_Complete.pdf
- There is a small wetland on the northeast side of the property that accepts stormwater drainage from the north, which flows through the wetland into a drainage swale/ditch that conveys water to the stormwater pond at the far southwest of the property. See Photos 8 and 9.
- Per communication with EOC staff, prison crews were installing a gravel parking area in the northwest corner of the site due to a need for more parking. See Photo 11.
- The grassed area on the north end of the site is dedicated as a helicopter landing area. See Photo 12.
- There is a fueling station and communications tower on site.
- Several emergency response vehicles are staged at the site.
- There were no listed species concerns observed during the site visit.
- There were no obvious signs of contamination on site.

3.3.7 Site Location: Across from Escambia County EOC

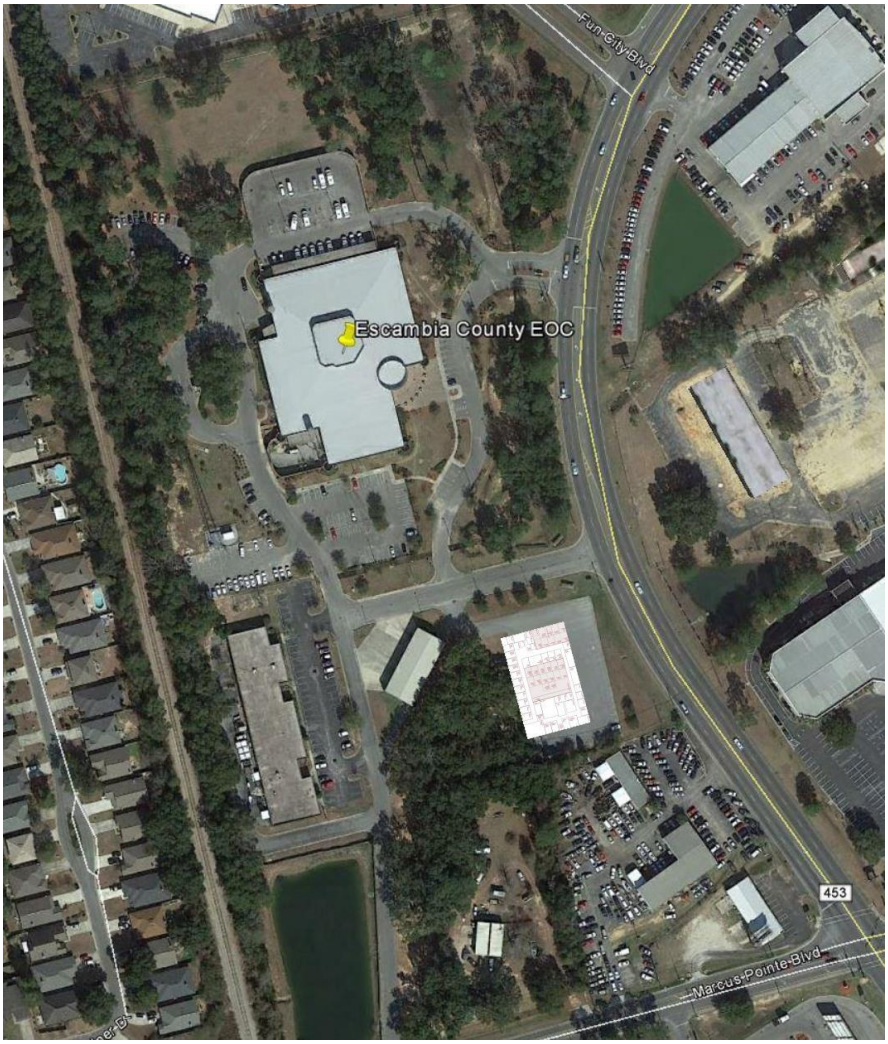

Figure 3-11: Conceptual Floor Plan on Site Across from Escambia County Emergency Operations Center, 6575 North "W" Street, Pensacola, FL 32505

Although this is a partially developed site, it would require removal of a treed area to the west for parking. The building is set back from the North West Street to match the adjacent property buildings. As this is currently used as an overflow parking lot for the EOC, this parking will need to be replaced elsewhere on the site.

Similar to the previous site location, having the TMC adjacent to the EOC would provide improved coordination during EOC activations times, although it would physically still function as a standalone site from the TMC. Out of the two sites on the Escambia EOC property, having the TMC attached to the existing EOC building is the recommended option for coordination purposes.

3.3.8 Site Location: I-110 and E Cervantes Street

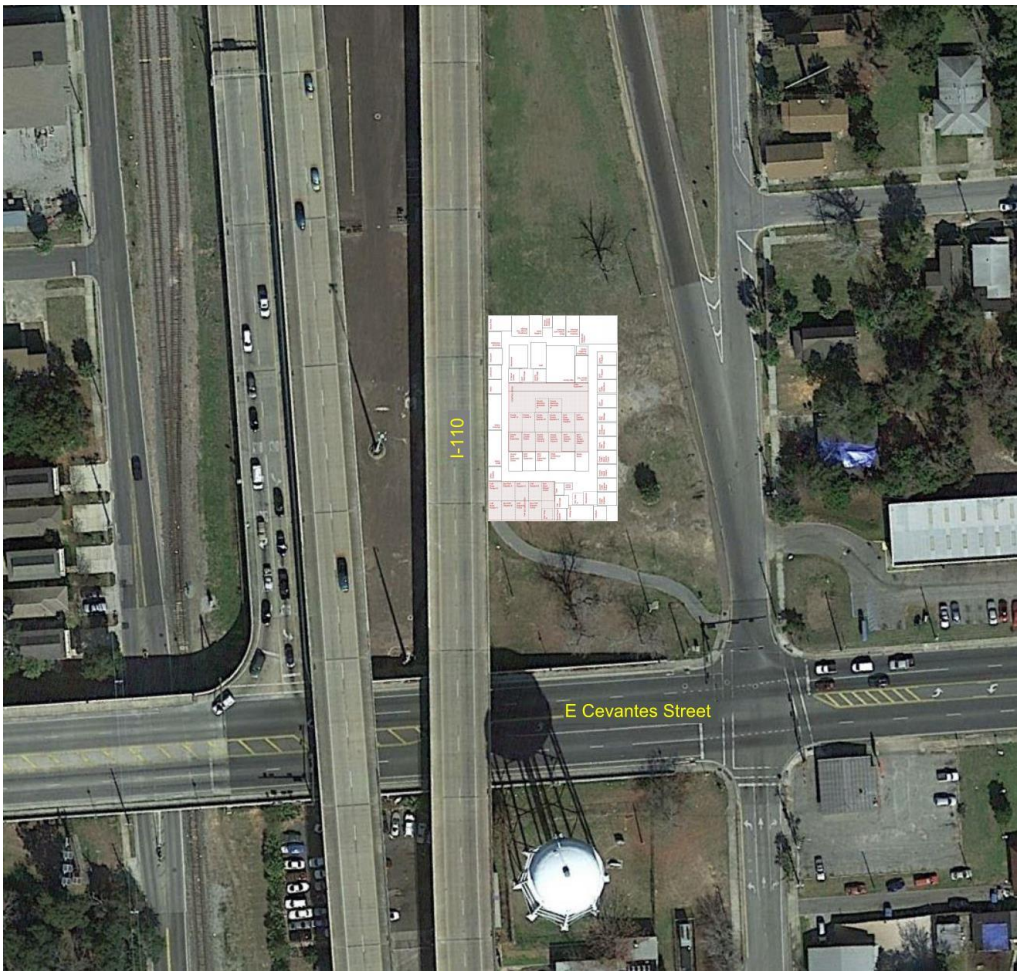

Figure 3-12: Conceptual Floor Plan on Site at I-110 and E. Cervantes Street

Since this is a partially developed site, it would not require extensive redevelopment costs. Parking can be located under the raised interstate. With access immediately to the north. With drive extending to the west it could connect with Tarragona Street then to US-98 to the south.

- Site is currently developed with utilities, maintained vegetated areas, and a paved walking path.
- There were no wetlands observed on the site.
- Impacts would need to comply with City of Pensacola and/or Escambia County tree ordinances. See CHAPTER 12-6. TREE/LANDSCAPE REGULATIONS https://www2.municode.com/library/fl/pensacola/codes/code_of_ordinances?nodeId=

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- There were no listed species concerns observed during the site visit.
- There were no obvious signs of contamination on site.

4 CONCEPTUAL PROJECT BUDGET / SCHEDULE

4.1 Facility Construction Cost Estimate

Table 4-1 shows the facility construction costs estimate based upon information contained in this report. Due to the conceptual nature of the study, we have utilized cost per square foot numbers for the building and equipment, with a separate cost for owner-supplied furniture.

Table 4-1: Conceptual Estimate of Probable Construction Costs

ROOM No.	DESCRIPTION OF SPACE	NUMBER OF SPACES	PROJECTED NO. OF EMPLOYEES	NET SQUARE FEET	TOTAL NET SQUARE FEET	COST/SF	COST
	PROPOSED FACILITY SPACE REQUIREMENTS						
	Public						
	Vestibule	1		100	100	$ 150	$ 15,000
	Waiting Area	1		220	220	$ 200	$ 44,000
	Receptionist Workstation	1	1	100	100	$ 200	$ 20,000
	Media Room	1		150	150	$ 150	$ 22,500
	Toilet Room	1		80	80	$ 300	$ 24,000
	County Operations						
	Control Room Operator Workstation	2	2	150	300	$ 200	$ 60,000
	Future Control Room Operator Workstation	2	2	150	300	$ 200	$ 60,000
	Shift Supervisor Office	1	1	150	150	$ 200	$ 30,000
	Future Shift Supervisor Office	1	1	150	150	$ 200	$ 30,000
	Electronic Specialists Workstation	2	2	96	192	$ 200	$ 38,400
	Traffic Engineer Office	1	1	150	150	$ 200	$ 30,000
	Future Traffic Engineer Office	1	1	150	150	$ 200	$ 30,000
	Traffic Signal Analyst Office	1	1	150	150	$ 200	$ 30,000
	Future Traffic Signal Analyst Office	1	1	150	150	$ 200	$ 30,000
	Locator Workstation	2	2	150	300	$ 200	$ 60,000
	Future Locator Workstation	1	1	150	150	$ 200	$ 30,000
	IT Support Office	1	1	150	150	$ 225	$ 33,750
	Bench Test Room	1		200	200	$ 150	$ 30,000
	TMC County Manager Office	1	1	150	150	$ 225	$ 33,750
	DOT Operations						
	Control Room Operator Workstation	1	1	150	150	$ 200	$ 30,000
	Future Control Room Operator Workstation	1	1	150	150	$ 200	$ 30,000
	Shift Supervisor Office	1	1	150	150	$ 225	$ 33,750
	Future Shift Supervisor Office	1	1	150	150	$ 225	$ 33,750
	IT Support Office	1	1	150	150	$ 225	$ 33,750
	Road Ranger Dispatch Workstation	1	1	150	150	$ 175	$ 26,250
	Future Road Ranger Dispatch Workstation	1	1	150	150	$ 175	$ 26,250
	Traffic Operations Office	1	1	150	150	$ 225	$ 33,750
	Planner Office	1	1	150	150	$ 225	$ 33,750
	TMC DOT Manager Office	1	1	150	150	$ 225	$ 33,750
	Law Enforcement						
	FHP Dispatcher Workstation	2	2	150	300	$ 175	$ 52,500
	Future FHP Dispatcher Workstation	1	1	150	150	$ 175	$ 26,250
	Non-FHP Dispatcher Workstation	2	2	150	300	$ 175	$ 52,500
	Future Non-FHP Dispatcher Workstation	1	1	150	150	$ 175	$ 26,250
	Road Ranger Workstation	2	2	96	192	$ 175	$ 33,600
	Future Road Ranger Workstation	1	1	96	96	$ 175	$ 16,800
	Support Functions						
	Conference Room - Small	1		150	150	$ 225	$ 33,750
	Conference Room - Large	1		300	300	$ 225	$ 67,500
	Breakroom with Residential Kitchen	1		600	600	$ 250	$ 150,000
	Toilets (based on occupants, connected to Lockers/Showers)	2		278	555	$ 300	$ 166,500
	Video Equipment Room	1		250	250	$ 750	$ 187,500
	IT Server Control Room	1		100	100	$ 500	$ 50,000
	Telecomm Room	1		120	120	$ 400	$ 48,000
	LAN Server Room	1		100	100	$ 400	$ 40,000
	Radio Room	1		100	100	$ 400	$ 40,000
	UPS Room	1		225	225	$ 600	$ 135,000
	Main Server Room	1		600	600	$ 500	$ 300,000
	County Rack Cage	1		100	100	$ 200	$ 20,000
	DOT Rack Cage	1		100	100	$ 200	$ 20,000
	FHP Rack Cage	1		100	100	$ 200	$ 20,000

	Operation Hardware						
	Video Wall	1		252	252	$ 333	$ 84,000
	Video Wall Software	1		N/A	N/A	$ 50,000	$ 50,000
	SunGuide Servers	3		N/A	N/A	$ 20,000	$ 60,000
	Database Servers	2		N/A	N/A	$ 20,000	$ 40,000
	SunGuide Software	1		N/A	N/A	$ 50,000	$ 50,000
	Signal Control Software	1		N/A	N/A	$ 300,000	$ 300,000
	Signal Control Servers	1		N/A	N/A	$ 20,000	$ 20,000
	Core Switches	2		N/A	N/A	$ 20,000	$ 40,000
	Road Ranger Radio Hardware	1		N/A	N/A	$ 35,000	$ 35,000
	Locker Room and Showers	2		160	320	$ 350	$ 112,000
	File/Copy Rooms	2		75	150	$ 200	$ 30,000
	Secure Files Room	1		200	200	$ 175	$ 35,000
	Office Supplies Room	1		100	100	$ 150	$ 15,000
	Emergency Supplies/Pantry Room	1		60	60	$ 150	$ 9,000
	Emergency Lounge/Cot Storage	1		200	200	$ 150	$ 30,000
	Road Ranger Supplies Room	1		80	80	$ 150	$ 12,000
	Janitor's Closet	1		35	35	$ 150	$ 5,250
	Electrical Switchgear Room	1		120	120	$ 350	$ 42,000
	Mechanical Room	1		250	250	$ 600	$ 150,000
					0		
	Loading Dock/Trash Room	1		175	175	$ 175	$ 30,625
	Service Entrance Vestibule	1		70	70	$ 175	$ 12,250
	TOTAL NUMBER OF EMPLOYEES / NET DEPT AREA REQUIRED		37	308	11,392	--	--
	MEP DISTRIBUTION ALLOWANCE			1%	114	$ 150	$ 17,088
	CIRCULATION			30%	3,418	$ 100	$ 341,760
	STRUCTURE AND WALLS			5%	570	$ 200	$ 113,920
	TOTAL AREA REQUIRED				15,493		$ 3,408,443
	Unit price above (cost per GSF) include all Contractor Markups:			**Subtotal Direct Costs**			$ 3,408,443
	(General Conditions, Bonds, Insurance, Overhead and Profit)			Estimate Contingency @ 10%			$ 340,844
				Estimate Total			**$ 3,749,287**
ATMS Center				**ESTIMATE (Rounded)**			**$ 3,749,500**

4.2 Site Work Construction Cost Estimate

Table 4-2 provides a site estimate based upon information contained in this report. Due to the conceptual nature of the study, we have utilized cost per square foot numbers for the site work.

Table 4-2: Site Improvements Conceptual Estimate of Construction Costs

SITE IMPROVEMENTS

Conceptual Estimate of Probable Construction Costs — April 29, 2016

No.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
Site Demolition					
	Site Clearing	3	AC	$7,500.00	$22,500
	Mobilization	1	LS	$50,000	$50,000
				Site Demolition Subtotal	**$72,500**
Erosion Control					
	Silt Fence	500	LF	$1.50	$750
	Floating and Turbidity Barrier	150	LF	$12.00	$1,800
				Erosion Control Subtotal	**$2,550**
Earthwork					
	Excavation and On-Site Embankment	5,889	CY	$8.00	$47,111
	Borrow Fill (assumes excavated material can be re-used	5,000	CY	$20.00	$100,000
				Earthwork Subtotal	**$147,111**
Storm Drainage					
	Storm Drainage Allowance	1	LS	$100,000.00	$100,000
				Storm Drainage Subtotal	**$100,000**
Hardscape					
	Flag Poles, 30' aluminum	2	EA	$4,000.00	$8,000
	Entrance Sign	1	EA	$20,000.00	$20,000
	Site Walls/Enclosures (Allowance) - Mechanical/Gener. etc.	1	LS	$22,000.00	$22,000
	Communication Tower (Allowance)	1	LS	$25,000.00	$25,000
	Outdoor Lounge (Allowance)	1	LS	$7,500.00	$7,500
	Misc. Hardscape (Trash Receptacles, Site Signage)	1	LS	$10,000.00	$10,000
				Hardscape Subtotal	**$92,500**
Fencing and Gates					
	Perimeter Fencing	1,000	LF	$60.00	$60,000
	Gates	2	EA	$7,500.00	$15,000
	Lighting at Entrance Gate (Bollards)	1	LS	$2,500.00	$2,500
				Fencing and Gates Subtotal	**$77,500**
Landscaping & Irrigation					
	Landscaping/SWFMD Allowance	1	LS	$15,000.00	$15,000
				Landscape & Irrigation Subtotal	**$15,000**
ON-Site Paving and Signage					
	Asphalt Paving for Parking	1	LS	$45,000.00	$45,000
				ON-Site Paving Subtotal	**$45,000**
SITE UTILITIES					
	Sanitary Sewer	1	LS	$50,000	$50,000
	Potable Water	1	LS	$50,000	$50,000
	Fire Sprinkler System Piping, etc.	1	LS	$75,000.00	$75,000
				Site Utilities Subtotal	**$175,000**
Site Electrical					
	Electrical Service to Building (Allowance)	1,000	LF	$75.00	$75,000
	Exterior LED Lighting (mounted on Facility) (Allowance)	1	LS	$20,000.00	$20,000
	Communications/Data/Cable Service to Building	1,000	LF	$40.00	$40,000
	Exterior Security System (Allowance)	1	LS	$40,000.00	$40,000
				Site Electrical Subtotal	**$175,000**
	SITE IMPROVEMENTS			**Subtotal Direct Costs**	**$902,161**
				General Conditions @ 10%	$90,216
				Subtotal	**$992,377**
				Bonds & Insurances @ 2.5%	$24,809
				Subtotal	**$1,017,187**
				Overhead & Profit @ 8%	$81,375
				Subtotal	**$1,098,562**
				Estimate Contingency @ 10%	$109,856
				Estimate Total	**$1,208,418**
	SITE IMPROVEMENTS			**ESTIMATE (Rounded)**	**$1,209,000**

4.3 Total Facility Cost

Table 4-3: Total Facility Cost

Description		Total Estimated Cost
ATMS Facility (Building limits)		**$ 3,749,500**
Site Improvements		**$ 1,209,000**
Furniture		**$ 200,400**
Total Estimated Project Cost	(Rounded)	**$ 5,158,900**
Range of Probable Project Costs (escalated to 2018)		**$4.9 - $5.3 Million**
ITS and Equipment (ATMS Equipment, Specialties, Servers, etc.)		**$679,000***

**ITS and Equipment cost not included in Probable Project Cost. Estimated cost shown can be minimized by a combination of re-utilizing existing servers to be relocated or provided by FDOT.*

Design Engineering, Commissioning, Pre-Construction Services	Not Included
Construction Management/Administration, Impact Fees	Not Included
Escalation, all prices present day, April 2016	Not Included
Owner's Soft Costs and Construction Contingency (post-bid)	Not Included

Estimate Qualification: Atkins estimate of probable construction cost for this project is based on a feasibility study of the project's anticipated needs. Estimated costs could vary from final bids based on final scope and design, contractor means and methods, bidding market conditions, etc. Intent of estimate is to provide probable construction cost based on the scope noted in the assessment report. Estimated costs assume reasonable amount of competitive bidding based on traditional design-bid-build contract delivery method. Intent of estimate is to establish a reasonable cost range to complete project. It is recommended that detailed cost estimates be developed pursuant to scope finalization and reconciled as design progresses, to establish and manage the project budget.

4.4 Facility Cost Exclusions

The following lists our estimate basis, assumptions, and exclusions:

- Estimate excludes design/engineering, commissioning, pre-construction services, impact fees, and construction administration costs.
- Estimate excludes escalation, all prices present day, April 2016.
- Estimate assumes the entire scope will be constructed under one single contract.
- Estimate excludes any offsite improvements (utility extensions, roadway improvements, signalization etc.).
- Estimate excludes any environmental remediation and mitigation costs (Asbestos, lead, wetlands, protected species), if required.

- Estimate excludes any construction/owner's (post bid) contingency for unforeseen conditions, owner requested changes, etc.
- Estimate excludes ATMS, computer and networking equipment, and any specialty equipment/furnishings for new facility.
- Estimate excludes any other scope of work and improvements at the facility and site except as noted in estimate and this report.

APPENDIX A: ENLARGED DESIGNS

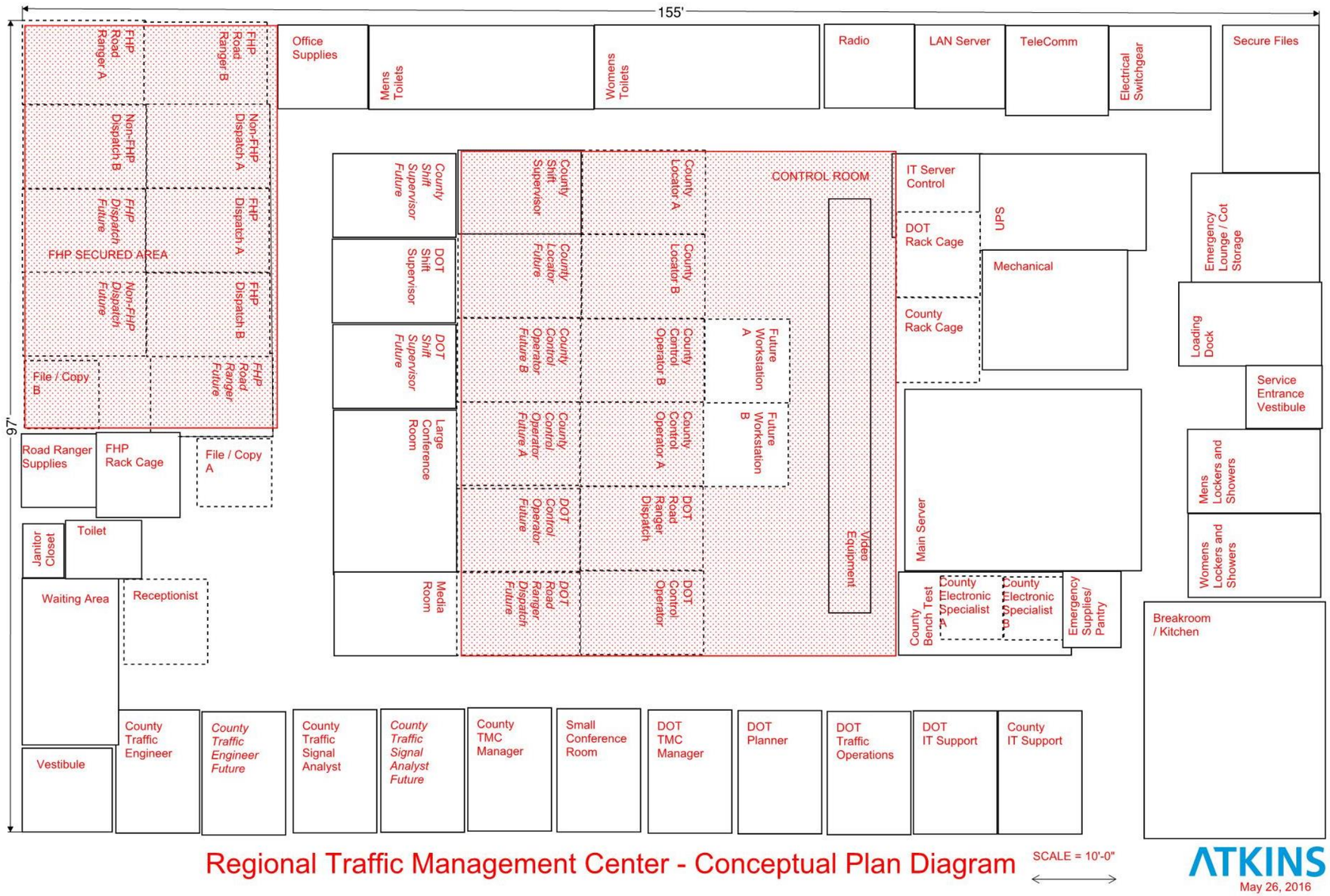
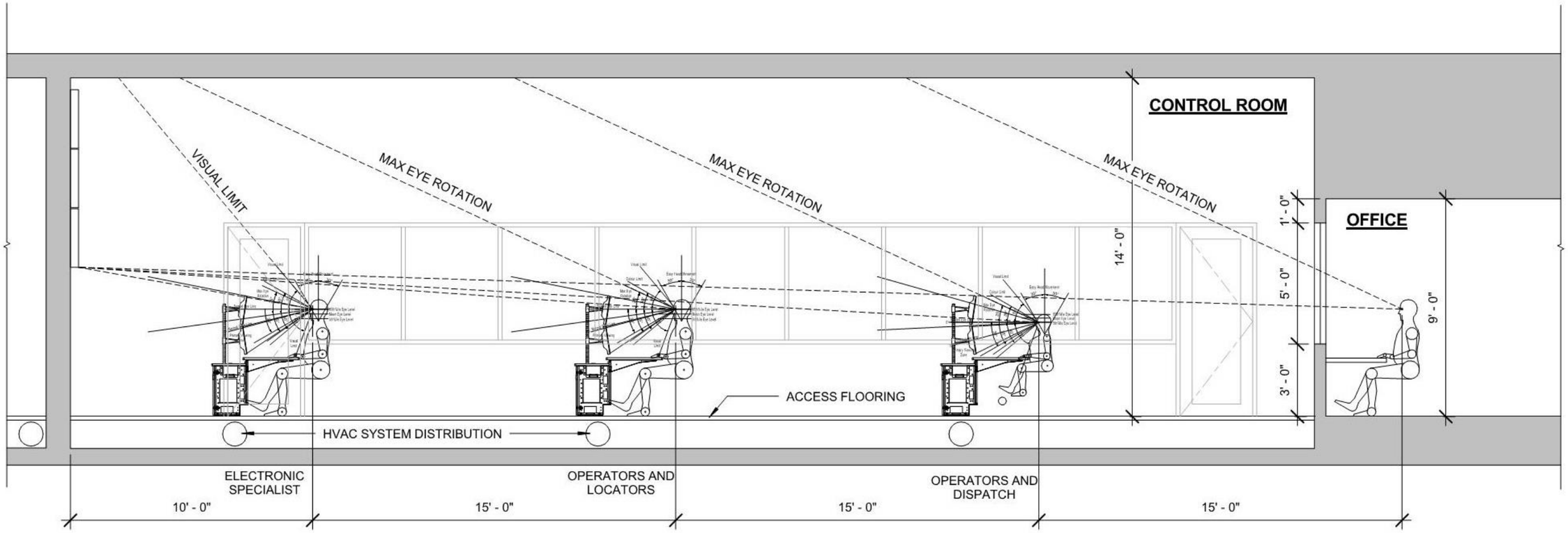


Figure A-1: Enlarged Conceptual Plan Diagram

Figure A-2: Enlarged Optimal Site Plan Diagram



1 SIGHT LINE ANALYSIS THRU CONTROL ROOM

Figure A-3: Enlarged Site Line Analysis through Control Room Diagram

EXHIBIT B: ROOM DATA SHEETS

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Breakroom / Kitchen
Owner's Name: NA
Owner's Title: Breakroom / Kitchen
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:

Area large enough to gather all staff a meeting, with counters and equipment to function as a kitchen for long-term emergency use.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 21 x 28 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☐Low ☑None
#people 1 times/hours: 40

Needs to be adjacent to:

Outdoor Lounge

Needs to be away from:

Vestibule, Waiting Area, Loading Dock, Mechanical Yard

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:

NA

Equipment in Space:

Microwave, Electric Range and Oven, Refrigerator/Freezer, Sink, Garbage Disposal, Dishwasher, Trash Compactor, Exhaust Hood and Fan, Reusable Plastic Cups, Glasses Dishes and Utensils.

Equipment near space:

NA

Files/Storage in Space:

20 LF of Upper and Lower Cabinets, Recycle Bins, 6 Tables and 24 Chairs

Files/Storage near space:

NA

☑Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Bench Test _____ Owner's Name: NA _____
Owner's Title: County Bench Test _____
Reports to: County Electronic Specialist _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Work room for Electronic Specialists to test and repair equipment.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 20 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
County Electronic Specialist, County IT Support, Main Server, Video Equipment, County Rack Cage, IT Server Control

Needs to be away from:
Waiting Area, Media Room

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Video Equipment, Main Server

Equipment in Space:
Work counter tops. 2 chairs

Equipment near space:
NA

Files/Storage in Space:
Filing cabinets for manuals, Storage cabinets for parts

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other 4 data drops, 4 extra power duplex
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Control Room Operator A
Owner's Name: TBD _____
Owner's Title: Control Room Operator _____
Reports to: County Shift Supervisor _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:

Operates control functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:

Video Equipment, County Shift Supervisor, County Locator

Needs to be away from:

Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:

Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:

Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:

Video wall

Files/Storage in Space:

Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Control Room Operator B
Owner's Name: TBD _____
Owner's Title: Control Room Operator _____
Reports to: County Shift Supervisor _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:

Operates control functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 _____ times/hours: 0 _____

Needs to be adjacent to:

Video Equipment, County Shift Supervisor, County Locator

Needs to be away from:

Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:

Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:

Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:

Video wall

Files/Storage in Space:

Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 _____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Electronic Specialist A ___ Owner's Name: TBD _____
Owner's Title: Electronic Specialist _____
Reports to: County Shift Supervisor _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates locator functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 _____ times/hours: 0 _____

Needs to be adjacent to:
Video Equipment, County Shift Supervisor, County Control Operator, County Locator, IT Server Control, County Bench Test, County Rack Cage, Main Server, UPS

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 4 _____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Electronic Specialist B ___ Owner's Name: TBD _____
Owner's Title: Electronic Specialist _____
Reports to: County Shift Supervisor _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates locator functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 _____ times/hours: 0 _____

Needs to be adjacent to:
Video Equipment, County Shift Supervisor, County Control Operator, County Locator, IT Server Control, County Bench Test, County Rack Cage, Main Server, UPS

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 4 _____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County IT Support _____ Owner's Name: TBD _____
Owner's Title: County IT Support _____
Reports to: County TMC Manager _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Manages County IT Systems for the the TMC.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
County TMC Manager, County Control Operators, County Rack Cage

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Locator A _____ Owner's Name: TBD _____
Owner's Title: Locator _____
Reports to: County Shift Supervisor _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates locator functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 _____ times/hours: 0 _____

Needs to be adjacent to:
Video Equipment, County Shift Supervisor, County Control Operator

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 _____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Locator B _____ Owner's Name: TBD _____
Owner's Title: Locator _____
Reports to: County Shift Supervisor _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates locator functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 _____ times/hours: 0 _____

Needs to be adjacent to:
Video Equipment, County Shift Supervisor, County Control Operator

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 _____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Rack Cage _____ Owner's Name: NA _____
Owner's Title: Rack Cage _____
Reports to: NA _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Secure area for computer racks specifically for County use.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☑High ☐Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
Main Server

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Main Server

Equipment in Space:
Open grille door to Main Server and IT Server Control, cooling fans, computer server racks, connected to special independent backup cooling system.

Equipment near space:
NA

Files/Storage in Space:

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Shift Supervisor _____ Owner's Name: TBD _____
Owner's Title: County Shift Supervisor _____
Reports to: County TMC Manager _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Manages County Control Operators

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
County Control Operators, County Locators

Needs to be away from:
Waiting Area

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County TMC Manager _____ Owner's Name: TBD _____
Owner's Title: County TMC Manager _____
Reports to: TBD _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Manages TMC operations for the County

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☑Med ☐Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 5 times/hours: 40

Needs to be adjacent to:
County Traffic Engineer, DOT TMC Manager, County Shift Supervisors, Control Room, Receptionist

Needs to be away from:

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies, File / Copy

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Traffic Signal Analyst ____ Owner's Name: TBD _____
Owner's Title: County Traffic Signal Analyst _____
Reports to: County Traffic Engineer _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Analyzes County Traffic Signals for the TMC.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
County Traffic Engineer, County Shift Supervisors, County Control Operators, County Locators

Needs to be away from:

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies, File / Copy

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: County of _____ Start Date: ☑Now ☐Future ____/____/20___
Department TBD _____ Room Name: County Traffic Engineer _____ Owner's Name: TBD _____
Owner's Title: County Traffic Engineer _____
Reports to: County TMC Manager _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Engineers County Traffic Systems for the TMC.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
County TMC Manager, County Shift Supervisors, County Control Operators, County Locators

Needs to be away from:

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies, File / Copy

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: DOT Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: DOT Control Rm Operator Owner's Name: TBD
Owner's Title: Control Room Operator
Reports to: DOT Shift Supervisor
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates control functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
Video Equipment, DOT Shift Supervisor

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other____
Computer: ☑Workstation ☐Laptop Number of Screens 4 Other____

Stakeholder Organization Name: DOT
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: DOT IT Support
Owner's Name: TBD
Owner's Title: DOT IT Support
Reports to: DOT TMC Manager
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Manages DOT IT Systems for the the TMC.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
DOT Traffic operations, DOT TMC Manager, DOT Control Operators, DOT Rack Cage

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: DOT
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: DOT Planner
Owner's Name: TBD
Owner's Title: DOT Planner
Reports to: DOT TMC Manager
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Develops Plans for Traffic Management Center technical operations

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
DOT Traffic operations, DOT TMC Manager, DOT Control Operators, County Locators

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: DOT
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: DOT Rack Cage
Owner's Name: NA
Owner's Title: Rack Cage
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Secure area for computer racks specifically for DOT use.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☑High ☐Med ☐Low ☐None
#people_____times/hours:

Needs to be adjacent to:
Main Server

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Main Server

Equipment in Space:
Open grille door to Main Server and IT Server Control, cooling fans, computer server racks, connected to special independent backup cooling system.

Equipment near space:
NA

Files/Storage in Space:

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: DOT Start Date: ☑Now ☑Future ____/____/20___
Department TBD Room Name: DOT Road Ranger Dispatch Owner's Name: TBD
Owner's Title: Road Ranger Dispatch
Reports to: DOT Shift Supervisor
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates dispatch functions for the Road Rangers on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
Video Equipment, DOT Shift Supervisor

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 Other_____

Stakeholder Organization Name: DOT
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: DOT Shift Supervisor
Owner's Name: TBD
Owner's Title: DOT Shift Supervisor
Reports to: DOT TMC Manager

Owner or Room Function Description:
Manages DOT Control Operator, DOT Road Ranger Dispatch

☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
DOT Control Operator, DOT Road Ranger Dispatch

Needs to be away from:
Waiting Area

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: DOT
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: DOT TMC Manager
Owner's Name: TBD
Owner's Title: DOT TMC Manager
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Manages TMC operations for the DOT

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☑Med ☐Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 5 times/hours: 40

Needs to be adjacent to:
DOT Traffic Operations, DOT Planner, County TMC Manager, DOT Shift Supervisors, Control Room, Receptionist

Needs to be away from:

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies, File / Copy

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: DOT
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: DOT Traffic Operations
Owner's Name: TBD
Owner's Title: DOT Traffic Operations
Reports to: DOT TMC Manager

Owner or Room Function Description:
Manager for Traffic Management Center technical operations

☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
DOT Operators, DOT Traffic Planner, DOT TMC Manager

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: Electrical Switchgear Owner's Name: NA
Owner's Title: Electrical Switchgear
Reports to: DOT and County IT Support
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Main electrical entrance including switchgear, transformers

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 12 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
UPS, Emergency Generator

Needs to be away from: See video wall: ☐Yes ☑No
Waiting Area, Media Room, Main server

Uses what other Spaces regularly:
UPS

Equipment in Space:
Switchgear and transformer

Equipment near space:
NA

Files/Storage in Space:
None

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: Emergency Lounge / Cot Storage Owner's Name: NA
Owner's Title: Emergency Lounge / Cot Storage
Reports to: County and DOT TMC Manager
☐Fulltime ☐Part___hrs/wk ☑Emergency Only

Owner or Room Function Description:

Storage room for cots, blankets, pillows, linens, and other supplies for use during a long-term emergency. Room to be a sleeping lounge during long-term emergencies.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 14 x 15 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:

Lockers and Showers

Needs to be away from:

Breakroom / Kitchen, Waiting

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:

Loading Dock

Equipment in Space:

Cots, lighting with dimmers, vinyl flooring, painted block walls, acoustic panels ceiling.

Equipment near space:

NA

Files/Storage in Space:

Large storage shelves for blankets, pillows, linens. Place to hang cots.

Files/Storage near space:

NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Emergency Supplies / Pantry
Owner's Name: NA
Owner's Title: Emergency Supplies / Pantry
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Storage room for shared emergency supplies such as batteries, MRE's, etc.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 6 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
Breakroom / Kitchen

Needs to be away from:
NA

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Loading Dock

Equipment in Space:
Shelves for storage

Equipment near space:
NA

Files/Storage in Space:
1 Storage cabinet each for FHP, DOT, and County

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: FHP Dispatch A Owner's Name: TBD
Owner's Title: FHP Dispatcher
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates dispatch functions for the FHP at TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
Non-FHP Dispatch, File/Copy, Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: FHP Dispatch B Owner's Name: TBD
Owner's Title: FHP Dispatcher
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates dispatch functions for the FHP at TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
Non-FHP Dispatch, File/Copy, Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: FHP Rack Cage Owner's Name: NA
Owner's Title: Rack Cage
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Secure area for computer racks specifically for FHP use.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☑High ☐Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
FHP Dispatchers and FHP Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
None

Equipment in Space:
Open grille door to FHP work area, cooling fans, computer server racks, special independent backup cooling system.

Equipment near space:
NA

Files/Storage in Space:
Filing cabinets, storage cabinets

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: FHP Road Ranger A Owner's Name: TBD
Owner's Title: FHP Road Ranger
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates Road Ranger functions for the FHP out of the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None Level of Security: ☐High ☑Med ☐Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
FHP Dispatch, File/Copy, Non-FHP-Dispatch, Road Ranger Supply

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Road Ranger Supply, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☑2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other____
Computer: ☐Workstation ☑Laptop Number of Screens 1 Other____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: FHP Road Ranger B Owner's Name: TBD
Owner's Title: FHP Road Ranger
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates Road Ranger functions for the FHP out of the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None Level of Security: ☐High ☑Med ☐Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
FHP Dispatch, File/Copy, Non-FHP-Dispatch, Road Ranger Supply

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Road Ranger Supply, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☑2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 1 Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: File / Copy A
Owner's Name: NA
Owner's Title: File / Copy
Reports to: NA

Owner or Room Function Description:
Area for filing, printing, scanning, and copying of documents

☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Workspace or Room: ☑Open size 8 x 9 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☐Low ☑None
#people 1 times/hours: 40

Needs to be adjacent to:
Receptionist, Conference rooms

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
Standard copier/scanner/printer machine

Equipment near space:
Fax

Files/Storage in Space:
Filing cabinets, storage cabinet for paper/toner supplies with countertop

Files/Storage near space:
Office Supplies for bulk storage

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☑Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: File / Copy B Owner's Name: NA
Owner's Title: File / Copy
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Area for filing, printing, scanning, and copying of documents

Workspace or Room: ☑Open size 8 x 9 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
FHP Dispatchers and FHP Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
Standard copier/scanner/printer machine

Equipment near space:
Fax

Files/Storage in Space:
Filing cabinets, storage cabinet for paper/toner supplies with countertop

Files/Storage near space:

☐Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☑Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☐Now ☑Future 5 / 1 /20 20
Department TBD _____ Room Name: Fut County Cntrl Rm Operator A Owner's Name: TBD _____
Owner's Title: Control Room Operator _____
Reports to: County Shift Supervisor _____
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates control functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 _____ times/hours: 0 _____

Needs to be adjacent to:
Video Equipment, County Shift Supervisor, County Locator

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 _____ Other_____

Stakeholder Organization Name: County of _____ Start Date: ☐Now ☑Future 5 / 1 /20 25

Department TBD _____ Room Name: Fut County Cntrl Rm Operator B

Owner's Name: TBD _____

Owner's Title: Control Room Operator _____

Reports to: County Shift Supervisor _____

☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:

Operates control functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs

Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None

#people 0 _____ times/hours: 0 _____

Needs to be adjacent to:

Video Equipment, County Shift Supervisor, County Locator

Needs to be away from:

Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:

Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:

Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:

Video wall

Files/Storage in Space:

Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____

Computer: ☑Workstation ☐Laptop Number of Screens 4 _____ Other_____

Stakeholder Organization Name: County of
Department TBD
Room Name: Future County Locator
Start Date: ☐Now ☑Future 5 / 1 /20 20
Owner's Name: TBD
Owner's Title: Locator
Reports to: County Shift Supervisor
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates locator functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
Video Equipment, County Shift Supervisor, County Control Operator

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 Other_____

Stakeholder Organization Name: County of
Department TBD
Room Name: Future County Shift Supervisor
Start Date: ☐Now ☑Future 5 / 1 /20 20
Owner's Name: TBD
Owner's Title: County Shift Supervisor
Reports to: County TMC Manager
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Manages County Control Operators

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
County Control Operators, County Locators

Needs to be away from:
Waiting Area

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: County of
Department TBD Room Name: Fut County Traffic Signal Analyst
Start Date: ☐Now ☑Future 5 / 1 /20 25
Owner's Name: TBD
Owner's Title: County Traffic Signal Analyst
Reports to: County Traffic Engineer
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Analyzes County Traffic Signals for the TMC.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
County Traffic Engineer, County Shift Supervisors, County Control Operators, County Locators

Needs to be away from:

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies, File / Copy

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other

Stakeholder Organization Name: County of _____ Start Date: ☐Now ☑Future 5 / 1 /20 25
Department TBD _____ Room Name: Future County Traffic Engineer _____ Owner's Name: TBD _____
Owner's Title: County Traffic Engineer _____
Reports to: County TMC Manager _____

Owner or Room Function Description:
Engineers County Traffic Systems for the TMC.

☑Fulltime ☐Part ___ hrs/wk ☐Emergency Only

Workspace or Room: ☐Open size ____ x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 _____ times/hours: 40 _____

Needs to be adjacent to:
County TMC Manager, County Shift Supervisors, County Control Operators, County Locators

Needs to be away from:

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies, File / Copy

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other _____
Computer: ☐Workstation ☑Laptop Number of Screens 2 _____ Other _____

Stakeholder Organization Name: DOT
Start Date: ☐Now ☑Future 5 / 1 /20 25
Department TBD Room Name: Future DOT Control Rm Operator
Owner's Name: TBD
Owner's Title: Control Room Operator
Reports to: DOT Shift Supervisor
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates control functions for the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
Video Equipment, DOT Shift Supervisor

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 Other_____

Stakeholder Organization Name: DOT
Start Date: ☐Now ☑Future 5 / 1 /20 20
Department TBD
Room Name: Future DOT Road Ranger Dispatch
Owner's Name: TBD
Owner's Title: Road Ranger Dispatch
Reports to: DOT Shift Supervisor
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates dispatch functions for the Road Rangers on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
Video Equipment, DOT Shift Supervisor

Needs to be away from:
Waiting Area, exterior walls

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Special desk and ergonomically adjusting chair, individual a/c control outlet from access flooring supply ducts.

Equipment near space:
Video wall

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 4 Other_____

Stakeholder Organization Name: DOT
Start Date: ☐Now ☑Future 5 / 1 /20 20
Department TBD
Room Name: Future DOT Shift Supervisor
Owner's Name: TBD
Owner's Title: DOT Shift Supervisor
Reports to: DOT TMC Manager
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Manages DOT Control Operators and , DOT Road Ranger Dispatch

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☑with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
DOT Control Operator, DOT Road Ranger Dispatch

Needs to be away from:
Waiting Area

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:
Control Room, Toilets, Office Supplies

Equipment in Space:

Equipment near space:

Files/Storage in Space:
Standard Desk, side table, and Chair, Credenza

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other
Computer: ☐Workstation ☑Laptop Number of Screens 2 Other

Stakeholder Organization Name: FHP
Start Date: ☐Now ☑Future 5 / 1 /20 20
Department TBD
Room Name: Future FHP Dispatch
Owner's Name: TBD
Owner's Title: FHP Dispatcher
Reports to: TBD
☑Fulltime ☐Part ___ hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates dispatch functions for the FHP at TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
Non-FHP Dispatch, File/Copy, Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: FHP
Start Date: ☐Now ☑Future 5 / 1 /20 20
Department TBD
Room Name: Future FHP Road Ranger
Owner's Name: TBD
Owner's Title: FHP Road Ranger
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates Road Ranger functions for the FHP out of the TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☑Med ☐Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
FHP Dispatch, File/Copy, Non-FHP-Dispatch, Road Ranger Supply

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Road Ranger Supply, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☑2-Way Radio ☑Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☑Laptop Number of Screens 1 Other_____

Stakeholder Organization Name: FHP
Start Date: ☐Now ☑Future 5 / 1 /20 20
Department TBD
Room Name: Future Non-FHP Dispatch
Owner's Name: TBD
Owner's Title: Non-FHP Dispatcher
Reports to: TBD
☑Fulltime ☐Part ___ hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates dispatch functions for the FHP at TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
FHP Dispatch, File/Copy, Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: IT Server Control Owner's Name: NA
Owner's Title: IT Server Control
Reports to: DOT and County IT Support
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Control room for management of the main server room equipment and UPS equipment

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☑High ☐Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
Main Server

Needs to be away from:
Waiting Area, Media Room

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Main Server

Equipment in Space:
Open grille door to Main Server, connected to special independent backup cooling system, countertop.

Equipment near space:
NA

Files/Storage in Space:
1 chair

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Janitors Closet
Owner's Name: NA
Owner's Title: Janitors Closet
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Janitorial functions

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 5 x 7 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☐Med ☑Low ☑None
#people_____times/hours:

Needs to be adjacent to:
Toilet Room

Needs to be away from:
Mens and Womens Lockers and Showers

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
Mop Sink, Vacuum Cleaner, Mop Rack, Mops, Buckets

Equipment near space:
NA

Files/Storage in Space:
Storage shelves for cleaning products

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: LAN Server Owner's Name: NA
Owner's Title: LAN Server
Reports to: DOT and County IT Support
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Server equipment for local area network not associated with Video Equipment.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☑High ☐Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
IT Server Control, Main Server, Mechanical,Telecomm, Loading Dock

Needs to be away from:
Waiting Area, Media Room

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
IT Server Control

Equipment in Space:
Racks for LAN equipment, special A/C cooling

Equipment near space:
NA

Files/Storage in Space:
None

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Department TBD
Room Name: Large Conference Room

Start Date: ☑Now ☐Future ____/____/20___
Owner's Name: NA
Owner's Title: Conference Room
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:

During normal business operations this room would be used to hold training and larger team meetings up to 20 people. During emergencies this room will have a folding partition between it and the media room so it could also be used as one large operations room. The room will have a large fixed window into the control room, one wall with counter tops and multiple data drops and be carpeted.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 20 x 15 ☑with conference table ☐with 2 or 20 guest chairs
Public Interaction: ☑High ☐Med ☐Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40 during normal business operations

Needs to be adjacent to:

Waiting Area, Media Room, Receptionist, Toilet, Control Room

Needs to be away from:

Emergency Generator, Mechanical Yard

See video wall: ☑Yes ☑No

Uses what other Spaces regularly:

Waiting Area, Toilet, Receptionist
File/Copy area during emergency operations

Equipment in Space:

Video screen, large tackboard and whiteboard, table to seat 14.

Equipment near space:

Copier

Files/Storage in Space:

Credenza for storage of room supplies.

Files/Storage near space:

Office Supplies

☑Telephone ☑Data ☑2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other 4 additional data drops
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other 1 - 90" diag video screen

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Loading Dock
Owner's Name: NA
Owner's Title: Loading Dock
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
48 inch high dock for loading and unloading, including trash and recycles.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 18 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
Loading Dock Drive, Service Entrance Vestibule, Mechanical room, UPS Room, Main Server

Needs to be away from:
Vestibule, Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
Bulk Trash and Recycling Containers

Equipment near space:
NA

Files/Storage in Space:
None

Files/Storage near space:
NA

☑Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Main Server
Owner's Name: NA
Owner's Title: Main Server
Reports to: DOT IT Support
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Main server room for IT equipment

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 28 x 21 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☑High ☐Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
Rack Cages, IT Server Room, UPS, Mechanical, LAN Server Telecomm, Loading Dock, Video Equipment

Needs to be away from:
Waiting Area, Media Room, Exterior walls

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Rack Cages, IT Server Control

Equipment in Space:
Computer racks. Connected to special independent backup cooling system. Special gas fire extinguishing system.

Equipment near space:
NA

Files/Storage in Space:
Desktop with Filing cabinet for manuals.

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Mechanical
Owner's Name: NA
Owner's Title: Mechanical
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Heating and Cooling for building with separate system for heating and cooling of Computer equipment rooms noted as needing special A/C cooling.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 17 x 15 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
UPS, Mechanical Yard, Main Server, Video Equipment, Control Room

Needs to be away from:
Waiting Area, Media Room, Main server

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Mechanical Yard

Equipment in Space:
Air Handlers and evaporators

Equipment near space:
NA

Files/Storage in Space:
Counter top and filing cabinet

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: TBD
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Media Room
Owner's Name: NA
Owner's Title: Media Room
Reports to: NA
☐Fulltime ☑Part 1 hrs/wk ☐Emergency Only

Owner or Room Function Description:

During special events this room would be used by media to observe the control room. This room will have a folding partition between it and the large conference room so it could also be used as one large operations room during emergencies. During normal business operations this room could also be used by others to monitor the Control Room or hold a small conference meeting. The room will have a large fixed window into the control room, one wall with counter tops and multiple data drops and be carpeted.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 15 ☐with conference table ☐with 2 or 4 guest chairs
Public Interaction: ☑High ☐Med ☐Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40 average during normal business operations

Needs to be adjacent to:

Waiting Area, Receptionist, Toilet

Needs to be away from:

Secure Areas

See video wall: ☑Yes ☐No

Uses what other Spaces regularly:

Waiting Area, Toilet, Receptionist
File/Copy area during emergency operations

Equipment in Space:

Video screen, large tackboard and whiteboard

Equipment near space:

Copier

Files/Storage in Space:

Files/Storage near space:

Office Supplies

☑Telephone ☑Data ☑2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other 4 additional data drops
Computer: ☐Workstation ☐Laptop Number of Screens 1 Other 55" video Screen

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: Mens Lockers and Showers Owner's Name: NA
Owner's Title: Mens Lockers and Showers
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Locker room and shower facilities for use during normal and emergency operations.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 16 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☐Med ☐Low ☑None
#people_____times/hours:_____

Needs to be adjacent to:
Emergency Lounge / Cot Storage

Needs to be away from:
Mens and Womens Toilets

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
One shower and one dressing area curtain, one toilet and lavatory

Equipment near space:
NA

Files/Storage in Space:
38 12" wide x 24" high lockers

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: Mens Toilets Owner's Name: NA
Owner's Title: Mens Toilets
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Toilet facilities for use by building occupants during normal and emergency operations.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 28 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☐Med ☐Low ☑None
#people_____times/hours:_____

Needs to be adjacent to:
Control Room

Needs to be away from: See video wall: ☐Yes ☑No
Mens and Womens Lockers and Showers

Uses what other Spaces regularly:
NA

Equipment in Space:
Toilets, lavatories, partitions, mirrors, and accessories required by Plumbing Code

Equipment near space:
NA

Files/Storage in Space:
None

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: Non-FHP Dispatch A Owner's Name: TBD
Owner's Title: Non-FHP Dispatcher
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates dispatch functions for the FHP at TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
FHP Dispatch, File/Copy, Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: Non-FHP Dispatch B Owner's Name: TBD
Owner's Title: Non-FHP Dispatcher
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Operates dispatch functions for the FHP at TMC on a shift basis during normal operations, part of emergency operations

Workspace or Room: ☑Open size 10 x 15 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people 0 times/hours: 0

Needs to be adjacent to:
FHP Dispatch, File/Copy, Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Toilets, Breakroom during normal business hours, Lockers and Showers during emergencies

Equipment in Space:
Standard desk and ergonomically adjusting chair

Equipment near space:

Files/Storage in Space:
Storage drawer for personal effects.

Files/Storage near space:

☑Telephone ☑Data ☐2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Office Supplies
Owner's Name: NA
Owner's Title: Office Supplies
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Storage room for shared office supplies

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☐Med ☑Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
Receptionist, File / Copy Areas

Needs to be away from:
Waiting Area, Media Room

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Loading Dock

Equipment in Space:
Shelves for storage

Equipment near space:
NA

Files/Storage in Space:
1 Storage cabinet each for FHP, DOT, and County

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: Radio Owner's Name: NA
Owner's Title: Radio
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Radio equipment for communication with FHP Road Rangers and Law Enforcement.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 11 x 11 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
IT Server Control, Mechanical, Radio, Loading Dock, Tower

Needs to be away from:
Waiting Area, Media Room

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
Racks for Radio equipment, special A/C cooling

Equipment near space:
NA

Files/Storage in Space:
None

Files/Storage near space:
NA

☐Telephone ☑Data ☑2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: TBD
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Receptionist
Owner's Name: Receptionist
Owner's Title: Receptionist
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:

Meets and greets visitors, performs access control function for visitors, media, and guests. Handles office administration assistance duties, manages office supplies, answers an direct telephone calls and faxes.

Workspace or Room: ☑Open size 10 x 10 ☐Enclosed size ____x ____ ☐with conference table ☐with 2 or 1 guest chairs
Public Interaction: ☑High ☐Med ☐Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 20 times/hours: Daily during normal business operations

Needs to be adjacent to:

Waiting Area, Vestibule, Office Supplies, Conference Rooms, Media Room

Needs to be away from:

NA

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:

Waiting Area, Office Supplies

Equipment in Space:

8 x 8 workstation with fax, pbx, shredder, secure window and door.

Equipment near space:

File cabinets, copier

Files/Storage in Space:

2 drawer lateral file

Files/Storage near space:

Office Supplies

☑Telephone ☑Data ☑2-Way Radio ☐Shares Printer ☑Own Printer ☑Extra Power Duplex Other_____
Computer: ☑Workstation ☐Laptop Number of Screens 2 Other_____

Stakeholder Organization Name: FHP Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: Road Ranger Supplies Owner's Name: NA
Owner's Title: Road Ranger Supplies
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Supply room for FHP staff, especially Road Rangers

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 8 x 9 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
FHP Dispatchers and FHP Road Rangers

Needs to be away from:
Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
None

Equipment in Space:
None

Equipment near space:

Files/Storage in Space:
Filing cabinets, storage cabinets

Files/Storage near space:

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Secure Files
Owner's Name: NA
Owner's Title: Secure Files
Reports to: County and DOT TMC Manager

Owner or Room Function Description:
Fireproof storage room for sensitive files and computer backups

☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 11 x 18 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☑High ☐Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
Breakroom / Kitchen

Needs to be away from:
NA

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Loading Dock

Equipment in Space:
Shelves for storage

Equipment near space:
NA

Files/Storage in Space:
1 Storage cabinet each for FHP, DOT, and County

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Service Entrance Vestibule
Owner's Name: NA
Owner's Title: Service Entrance Vestibule
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Secure entrance for service area, includes secure door with interior steps up 42 inches from outdoors to floor level.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 7 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☑Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40

Needs to be adjacent to:
Loading Dock, Loading Dock Drive

Needs to be away from:
Vestibule, Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
None

Equipment near space:
NA

Files/Storage in Space:
None

Files/Storage near space:
NA

☑Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Large Conference Room
Owner's Name: NA
Owner's Title: Conference Room
Reports to: TBD
☐Fulltime ☑Part 1 hrs/wk ☐Emergency Only

Owner or Room Function Description:

During normal business operations this room would be used to hold training and larger team meetings up to 20 people. During emergencies this room will have a folding partition between it and the media room so it could also be used as one large operations room. The room will have a large fixed window into the control room, one wall with counter tops and multiple data drops and be carpeted.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 20 x 15 ☑with conference table ☐with 2 or 20 guest chairs
Public Interaction: ☑High ☐Med ☐Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 1 times/hours: 40 during normal business operations

Needs to be adjacent to:

Waiting Area, Media Room, Receptionist, Toilet, Control Room

Needs to be away from:

Emergency Generator, Mechanical Yard

See video wall: ☑Yes ☑No

Uses what other Spaces regularly:

Waiting Area, Toilet, Receptionist
File/Copy area during emergency operations

Equipment in Space:

Video screen, large tackboard and whiteboard, table to seat 14.

Equipment near space:

Copier

Files/Storage in Space:

Credenza for storage of room supplies.

Files/Storage near space:

Office Supplies

☑Telephone ☑Data ☑2-Way Radio ☑Shares Printer ☐Own Printer ☑Extra Power Duplex Other 4 additional data drops
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other 1 - 90" diag video screen

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: TeleComm Owner's Name: NA
Owner's Title: TeleComm
Reports to: DOT and County IT Support
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Server equipment for local telecommunication not associated with Video Equipment.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 11 x 11 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☐High ☑Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
IT Server Control, Mechanical, Radio, Loading Dock

Needs to be away from:
Waiting Area, Media Room

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
IT Server Control

Equipment in Space:
Racks for TeleComm equipment, special A/C cooling

Equipment near space:
NA

Files/Storage in Space:
None

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department NA Room Name: Toilet Owner's Name: NA
Owner's Title: NA
Reports to: TBD
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Toilet room for visitors, media, guests, and receptionist during normal business hours. Secondary facility for all personnel during emergencies

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 8 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☑High ☐Med ☐Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 15 times/hours: Normal business hours

Needs to be adjacent to:
Waiting room, Receptionist, Media Room, Janitor's Closet

Needs to be away from: See video wall: ☐Yes ☑No
Secure Area, Mens and Womens Toilets

Uses what other Spaces regularly:
NA

Equipment in Space:
Lavatory, Water closet, Mirror, accessories

Equipment near space:
NA

Files/Storage in Space:
Paper products storage locker

Files/Storage near space:
Janitor's Closet

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department TBD Room Name: UPS Owner's Name: NA
Owner's Title: UPS
Reports to: DOT IT Support

Owner or Room Function Description:
UPS system for Main Server, LAN Server, Telecomm, Video Equipment, and Rack Cage IT equipment.

☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 20 x 11 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None Level of Security: ☑High ☐Med ☐Low ☐None
#people_____times/hours:_____

Needs to be adjacent to:
Main Server, Rack Cages, IT Server Room, Mechanical, LAN Server
Telecomm, Loading Dock, Video Equipment

Needs to be away from: See video wall: ☐Yes ☑No
Waiting Area, Media Room, Exterior walls

Uses what other Spaces regularly:
Electrical Switchgear

Equipment in Space:
UPS equipment. Special gas fire extinguishing system.

Equipment near space:
NA

Files/Storage in Space:
Desktop with Filing cabinet for manuals.

Files/Storage near space:
NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department General
Room Name: Vestibule
Owner's Name: NA
Owner's Title: Vestibule
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Air lock between outdoors and waiting area as required by sustainability requirements

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 10 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☑High ☐Med ☐Low ☐None
Level of Security: ☐High ☐Med ☑Low ☐None
#people 100 times/hours: Locked except for normal business hours

Needs to be adjacent to:
Waiting Area
Main entrance

Needs to be away from:
Secure areas

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
Waiting area

Equipment in Space:
Electronic lock for doors, walk-off mat for sustainability, buzzer to reception desk for after-hours entry

Equipment near space:
NA

Files/Storage in Space:
NA

Files/Storage near space:
NA

☐Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Start Date: ☑Now ☐Future ____/____/20___
Department TBD
Room Name: Video Equipment
Owner's Name: NA
Owner's Title: Video Equipment
Reports to: DOT and County IT Support
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:

Room which backs up the main video monitors wall in the Control Room for access to the video monitors.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 5___x 50__ ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☑High ☑Med ☐Low ☐None
#people_____times/hours:

Needs to be adjacent to:

Main Server, Control Room.

Needs to be away from:

Waiting Area

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:

Main Server

Equipment in Space:

Video display panels for the Control Room.

Equipment near space:

NA

Files/Storage in Space:

File Cabinet for Manuals and Record Documents.

Files/Storage near space:

NA

☑Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens 26 Other Screens are 55" diag arranged 8 wide x 3 high and 2 - 90" diag

Stakeholder Organization Name: General Start Date: ☑Now ☐Future ____/____/20___
Department General Room Name: Waiting Area Owner's Name: NA
Owner's Title: Waiting Area
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Hold space for visitors, guests and media. Space for 15 comfortable seats.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 11 x 20 ☐with conference table ☐with 2 or 15 guest chairs
Public Interaction: ☑High ☐Med ☐Low ☐None Level of Security: ☐High ☐Med ☑Low ☐None
#people 20 times/hours: During Normal business hours

Needs to be adjacent to:
Vestibule, Receptionist, Toilet

Needs to be away from:
Secure Areas

See video wall: ☐Yes ☐No

Uses what other Spaces regularly:
Vestibule, Receptioist

Equipment in Space:
15 comfortable chairs with 2 side tables, 1 video screen, carpet tiled space, 10 foot acoustic tile ceilings,

Equipment near space:
NA

Files/Storage in Space:
6 x 6 foot wall space for plaques and brochures.

Files/Storage near space:
NA

☐Telephone ☑Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☑Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens 1 Other_____

Stakeholder Organization Name: General
Department TBD
Room Name: Womens Lockers and Showers
Start Date: ☑Now ☐Future ____/____/20___
Owner's Name: NA
Owner's Title: Womens Lockers and Showers
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Locker room and shower facilities for use during normal and emergency operations.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 16 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☐Med ☐Low ☑None
#people_____times/hours:

Needs to be adjacent to:
Emergency Lounge / Cot Storage

Needs to be away from:
Mens and Womens Toilets

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
One shower and one dressing area curtain, one toilet and lavatory

Equipment near space:
NA

Files/Storage in Space:
38 12" wide x 24" high lockers

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____

Stakeholder Organization Name: General
Department TBD
Room Name: Womens Toilets
Start Date: ☑Now ☐Future ____/____/20___
Owner's Name: NA
Owner's Title: Womens Toilets
Reports to: NA
☑Fulltime ☐Part___hrs/wk ☐Emergency Only

Owner or Room Function Description:
Toilet facilities for use by building occupants during normal and emergency operations.

Workspace or Room: ☐Open size ____x ____ ☑Enclosed size 10 x 28 ☐with conference table ☐with 2 or ___ guest chairs
Public Interaction: ☐High ☐Med ☐Low ☑None
Level of Security: ☐High ☐Med ☐Low ☑None
#people_____times/hours:_____

Needs to be adjacent to:
Control Room

Needs to be away from:
Mens and Womens Lockers and Showers

See video wall: ☐Yes ☑No

Uses what other Spaces regularly:
NA

Equipment in Space:
Toilets, lavatories, partitions, mirrors, and accessories required by Plumbing Code

Equipment near space:
NA

Files/Storage in Space:
None

Files/Storage near space:
NA

☐Telephone ☐Data ☐2-Way Radio ☐Shares Printer ☐Own Printer ☐Extra Power Duplex Other_____
Computer: ☐Workstation ☐Laptop Number of Screens_____ Other_____