



County of Monterey Capital Improvement Program Five-Year Plan 2017/18 through 2021/22



MCGC East & West Wings Renovation

FISCAL YEARS 2017/18 through 2021/22

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Executive Summary

Executive Summary

Capital Improvement Program Overview

Annually, County departments submit projects to the Resource Management Agency (RMA) for inclusion in the Capital Improvement Program (CIP)

The Capital Improvement Program is a five-year plan of the public projects necessary to maintain and improve the public works of Monterey County and the orderly implementation of the County General Plan. The public works include buildings, parks, and transportation system. The projects listed in the CIP have an estimated cost over \$100,000 and provide long-term assets to the community. Budgeted costs include design, construction, equipment, land purchases, and project administration of new, improved, or replacement infrastructure. The costs identified in the first year of the program are appropriated as a part of the operating and capital budget process. The projects and costs identified in years 2 through 5 of the program are intended to illustrate priorities and the magnitude of funding needed. In some cases, for outer-year projects to be constructed, funding sources will need to be identified. Each year, the five-year program is updated and reviewed in light of County needs, priorities, and available funds.

CIP Process

To identify capital program needs, Resource Management Agency (RMA) staff worked with County departments to identify potential projects. Based on their input, RMA developed a list of proposed projects, along with cost estimates and priorities. In addition, RMA-PW staff worked with RMA-Finance and Budget staff to identify revenue projections for funding capital projects. These funding sources include the General Fund, Impact Fees, Gas Tax, and other State and Federal grants.

In previous years, RMA has identified opportunities for improvement in the CIP process. These include:

- Increased communication between departments who submit projects and the RMA.
- The need for an initial project review prior to the development of the CIP document.
- A system for scoring and prioritizing projects.
- A more developed CIP document with project estimates closer to actual project costs.

In 2016, RMA launched an update to the Capital Improvement Program (CIP) to address these opportunities. RMA and CAO staff were consulted and asked to provide their input on the process. Based on their suggestions the CIP procedures were updated. Changes made include:

- One-on-one meetings with departments to discuss the CIP process, and any projects the department is considering for inclusion in the CIP.
- Initial project review by RMA - Public Works & Facilities staff to review cost estimates and project details.
- Standardized scoring criteria for projects competing for Capital funds.
- Ranking of scored projects to match available funds with highest County priorities.

Projects that are unfunded or partially funded in the first fiscal year are reviewed by RMA and given a priority score based on the following categories:

- Critical Health, Environmental or Safety Hazard
- Economic/Community Impact
- Law or Mandate
- Annual Operating & Maintenance Cost
- Project Readiness
- Sustainability and Conservation
- Funding Availability

Upon development of the Draft Five-Year CIP, RMA presents the draft CIP to the Capital Improvement Committee (CIC) for priority determination and to the Budget Committee (BC) for fiscal matters. After necessary revisions are made, the Draft Five-Year CIP is presented to the Planning Commission to determine conformity with the General Plan. The Final Draft CIP is presented to the Board of Supervisors for consideration as part of the annual budget process.

Because the Water Resources Agency (WRA) is not a department of the County, the Five-Year CIP does not include WRA projects.

The adopted/approved Five-Year CIP is a dynamic document updated annually. Projects shown in years 2 through 5 are planned projects. With each annual update, projects shown in future years may remain as shown, be delayed, or eliminated. Projects not included in the current CIP may be included through annual updates.

CIP Summary

Resource Management Agency (RMA) worked with other County Departments to develop their capital project requests. Seventy-seven (77) fully funded projects are included in the final CIP with a total value of \$396 million. Eighteen (18) partially funded projects are included with allocated funding totaling \$9 million funded for FY 2017-18 and \$89 million unfunded for future years. A total of 102 projects with a total value of \$260 million are included on a list of Unfunded Needs. This list includes current year unfunded needs and projects that are scheduled to begin in years two through five.

CIP and Facility Assessment Planning

A County-wide Facility Assessment Study was conducted by consultants in 2015. The consultants visited 81 County Facilities with the goal to document the condition of the facilities, identify current deficiencies and future needs, and prioritize corrective capital expenditures. The Final Report approved by the Board of Supervisors in March 2016 prioritized all recommended improvements into immediate, critical, impending, necessary and discretionary project need categories with a proposed implementation duration spanning from one to five years. The increased cost of construction during future priority periods was anticipated as well as administrative soft costs for the County to conduct the projects. Deficiencies NOT included in this cost were ADA compliance, building code related upgrades, structural/seismic improvements, site work (utilities/site features), or environmental remediation services. The

Total Project Cost to implement all the repairs and replacements identified in the Report throughout the County and at Natividad Medical Center facilities over a five year span is \$135M.

The Facility Assessment Study has been provided to departments as the mechanism to develop priority CIP projects based on the Immediate and Critical needs identified in the Report.

Funding Sources

Capital projects are funded from a variety of funding source including: state, federal, local grants, Gas Tax, Transient Occupancy Tax, Enterprise Funds, Certificates of Participation and General Funds.

General Funds: Use of Year-End Fund Balance

The County of Monterey's goal is to use Fund Balance as a source to finance one-time investments, reserves and/or commitments. As a one-time financing source, any unbudgeted year-end Fund Balance will be used solely for nonrecurring expenditures. After the yearly audit and confirmation of General Fund *Fund Balance*, and in consideration of current financial conditions, the Board of Supervisors may allocate unbudgeted Unassigned Fund Balance in the following manner as recommended by the County Administrative Officer:

1. A Capital Project Fund
2. Productivity Investment Assignment
3. Strategic Reserve – equal to 10% of current year General Fund revenues
4. One-time Investments/Assignment

The allocation of the Fund Balance to capital projects is used to fund: deferred maintenance posing a potential risk to health and safety of County employees and/or the public; code and law mandates that require County compliance or risk of penalty in hefty fines and claims; and new construction to replace overcrowded or deficient County facilities. Between FY's 2005/06-2007/08 the Board of Supervisors allocated \$24.4M. Since 2008 there has not be an allocation of Fund Balance to capital projects.

Building Use Allowance

The Building Use Allowance (BUA) funds are Capital Project Reserve funds earmarked for facility maintenance and replacement. BUA is a space use allowance charged to departments utilizing County owned buildings. In FY 2017/18 BUA funds have been programmed to Energy Efficiency Measures, American with Disabilities improvements, and Project Improvements.

Capital Improvement Project Highlights

AGRICULTURAL COMMISSIONER

FACILITY DEVELOPMENT - NORTH COUNTY (PROJECT NO. 2017-NC)

Project Description: Planning and development of a Facility to serve the Agricultural Commissioner's operational needs in North County.

Background/Justification: The North County branch office in Pajaro is in a leased facility. A County-owned facility has become available at 29-A Bishop Street. The building requires improvements and alterations to serve as a permanent office for North County operations.

Alternative is to continue leasing current space. Lease must be renewed. Little to no other commercial space is available in the Pajaro area. Loss of an office in this area would severely affect operations and customer service.

Goals/Tasks to be completed in FY 2017/18: Conduct programming for a building recommendation for County-owned property at 29-A Bishop Street, Pajaro and begin construction.

Total Project Cost: \$1,300,876

Funding Status: Fully Funded

Funding Source: Fund 402

FACILITY IMPROVEMENTS - SALINAS OFFICE (Project No. 2017-S)

Project Description: To meet future operational needs, remodel main office to accommodate additional work stations and offices within existing footprint.

Background/Justification: Relocation of staff from the South County office and additional future workload demands require the addition of up to 8 workstations and two offices at the main office. Project will also allow for better functional organization of the office. Project will better utilize existing space and allow full staffing to meet program needs and anticipated new workloads; allows organization of staff by functional units.

Goals/Tasks to be completed in FY 2017/18: Conduct programming for a building recommendation and begin construction.

Total Project Cost: \$970,304

Funding Status: Fully Funded

Funding Source: Fund 402

SOUTH COUNTY FACILITY DEVELOPMENT (Project No. 2017-SC)

Project Description: Develop Agricultural Commissioner facilities at existing Public Works Greenfield Yard located 41801 East Elm Avenue in Greenfield to meet Agricultural Commissioner South County operational needs. The new facilities will be designed to maximize energy efficiency for approximately 5000 square feet of facilities including a small office, meeting room and storage space.

Background/Justification: Pre-Construction due diligence activities including a Phase I Environmental Site Assessment and real estate market analysis have revealed that the existing King City site is no longer suitable in the long term for the Agricultural Commissioner. The existing Public Works Greenfield Yard can accommodate Agricultural Commissioner operational needs alongside Public Works operations.

Goals/Tasks to be completed in FY 2017/18: Conduct environmental due diligence activities, complete architectural design documents.

Total Project Cost: \$4,493,493

Funding Status: Partially Funded

Funding Source: Fund 402

AUDITOR CONTROLLER

ERP SYSTEM UPGRADES (Project No. AC 2014-1)

Project Description Upgrade of Performance Budgeting, Advantage Financial, SymPro Debt Management and Investment, and Advantage Human Resources Management systems from version (v) 3.7 to v3.10. The upgrade will include the Dashboard component. Monterey County

is one of the last four local agencies on v3.7 and must upgrade due to hardware and software enhancements in the computer industry that will leave the County ERP without vendor support.

Background/Justification: CGI Technologies (CGI) Advantage ERP System runs on v3.7 software and hardware installed in 2008. The software and hardware have reached end-of-life and will no longer be supported. Furthermore, Microsoft Corporation has announced that Microsoft Server 2003 would not be supported after July 1, 2015; Adobe Central Pro is no longer supported after July 2016. As such, it is imperative that the County upgrade Advantage ERP Systems to v3.10. The estimated cost to upgrade to v3.10 is \$18 million, which includes funding for software, hardware, CGI staff and County staff.

Goals/Tasks to be completed in FY 2017/18: The ERP 3.10 Upgrade is nearing completion and final testing and rollout is scheduled for FY 17/18. Tasks to be completed include: 1) Testing and implementation of remaining FIN functionality – (Accounts Receivable and Cost Accounting Pilots) and Auto-Accrual, 2) Configuration, testing and implementation of HRM 3.10.01 modules for Payroll, Benefits and Human Resources, and 3) Disaster Recovery Development and Services with ITD and CenturyLink.

Total Project Cost: \$19,967,469

Funding Status: Fully Funded

Funding Source: County Department Contributions

DISTRICT ATTORNEY

MCGC EAST & WEST WINGS RENOVATION (Project No.8864)

Project Description: Complete renovation of the buildings which includes stripping the building down to the concrete frame to allow for new interior partitions, doors/windows, restrooms, roof, and all building systems to be re-built. All historic interior elements will be preserved and re-installed. The exterior will be cleaned. Site improvements to the courtyard and surrounding streetscape will be done bringing the site into ADA compliance. Upon completion and occupancy, the modular buildings on the North lawn of the Government Center will be removed and the area returned to a park-like setting.

Background/Justification: The building is a major historical asset in the County's real-estate portfolio that must be preserved. The valuable square footage in direct adjacency to the court system must be utilized to not only serve the public but also accomplish the long-range goal of master planning the Government Center Campus.

Goals/Tasks to be completed in FY 2017/18: Completion of construction and the organization and the beginning of the tenants who will be moving into the facility.

Total Project Cost: \$38,930,843

Funding Status: Fully Funded

Funding Source: Fund 401

ELECTIONS

VOTE BY MAIL SORTING SYSTEM (Project No. E-2017-01)

Project Description: Purchase of a Vote by Mail Sorting system that will streamline operations by combining and automating several personnel functions while improving efficiency by a factor of 200. Currently, Elections uses an Opex letter opener and temporary staffing to manually process 30 vote by mail ballots per man hour. The envelope opener is ten years old and must be constantly serviced to maintain relative reliability in handling election mail volume. Temporary staff must be trained each election in manual sorting, signature verification and reissuing spoiled

ballots. The new system can handle all these functions at a rate of 5,000 to 18,000 ballots an hour.

Background/Justification: Voters prefer voting by mail rather than at a polling locations, which has increased by a multiple of 60 the number of ballots that must be processed after Election Day from fifteen years ago. The purchase of a sorter would replace a machine that could fail during any election, automate and combine manual processes, and improve efficiency. This equipment will safeguard the County's ability to process ballots in a timely fashion thus complying with Federal and State mandates while reducing personnel costs. It is an investment in the current and future administration of elections as laws shift the model to all mail elections. Currently 68% of voters choose to receive vote by mail ballots. Typically, up to 87% of vote by mail voters return their ballot in a presidential election. This equipment will enable Elections to process more ballots on election night and reduce the number of days and staff hours to provide post-election results. It interfaces with existing records management software, while reducing costs that would otherwise be associated with records retention.

Goals/Tasks to be completed in FY 2017/18: Delivery, installation, training and acceptance testing of equipment.

Total Project Cost: \$401,957

Funding Status: Partially Funded

Funding Source: Help America Vote Act (HAVA) Grant Funds

HEALTH

RELOCATION AND EXPANSION OF ALISAL FAMILY HEALTH CENTER (Project No. 0901)

Project Description: New construction or renovation of a building of approximately 18,000 sq. ft. with 32 exam rooms and related offices or areas to provide clinical services to the public.

Background/Justification: The Current Clinic at 559 E. Alisal is not large enough to provide adequate health care. Shortage of exam rooms equates to longer wait time for patients seeking acute medical care.

Goals/Tasks to be completed in FY 2017/18: Find a suitable location in East Salinas.

Total Project Cost: \$17,795,000

Funding Status: Partially Funded

Funding Source: Alliance Development Grant, Fee for Service Revenues

BEHAVIORAL HEALTH CENTER - EAST SALINAS (Project No. 1701)

Project Description: Construction or renovation of a building of approximately 18,000 sq. ft. with 32 interview rooms and related offices or areas to provide Behavioral Health services to the public in East Salinas.

Background/Justification: Behavioral Health programs continue to expand annually. Behavioral Health is short approximately 60 work stations and interview rooms. Currently we do not have Behavioral Health Services located in East Salinas. It is an underserved area that is impacted by lack of a walk- to service location. This building would accommodate both expanding services and the relocation of existing programs that serve East Salinas.

Goals/Tasks to be completed in FY 2017/18: Find a suitable location in East Salinas.

Total Project Cost: \$17,795,000

Funding Status: Partially Funded

Funding Source: Alliance Development Grant, Fee for Service Revenues

NATIVIDAD MEDICAL CENTER

BUSINESS CONTINUITY DATA CENTER (Project No. B15-2015-248)

Project Description: Upgrades to Business Continuity Data Center.

Background/Justification: Needed to meet the demands of having full capability to fail over to an off-campus data center for the protection of hospital data and meet physical disaster recovery compliance.

Goals/Tasks to be completed in FY 2017/18: TBD

Total Project Cost: \$434,000

Funding Status: Fully Funded

Funding Source: NMC

GE MUSE - INFORMATION SYSTEMS (Project No. B15-2016-057)

Project Description: GE MUSE is a software used by Cardiology to integrate and view Cardiology images and information electronically. The scope of this project includes the GE MUSE software and new and upgrades to Cardiology department hardware (such as Treadmill, computers, etc.) to properly track and integrate the patient's cardiac images and information electronically.

Background/Justification: Currently EKGs/ECGs are on paper and this automation is needed for efficiency and patient safety. Paper also does not allow remote access/viewing of the EKG/ECGs.

Goals/Tasks to be completed in FY 2017/18: Purchase software.

Total Project Cost: \$371,225

Funding Status: Fully Funded

Funding Source: NMC

OR SUITE BUILDOUT (Project No. B16-2016-018)

Project Description: This project will allow NMC to build an additional inpatient Operating Room.

Background/Justification: NMC's volume of surgery has been steadily increasing over the past few years, and recognizes the need to expand capacity in the future.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$8,000,000

Funding Status: Fully Funded

Funding Source: NMC

IMPRIVATA (Project No. B16-2016-044)

Project Description: Single Sign on Application for all the clinicians and Natividad personnel that login to multiple computer systems. Can badge in with a swipe of badge which logs user in to needed system. It is for security and convenience.

Background/Justification: Efficiency for clinicians. NMC staff login to multiple systems throughout the day, each which can have different passwords and login. Imprivata/single sign on greatly reduces login time and the need to reset and support users with forgotten logins and passwords.

Goals/Tasks to be completed in FY 2017/18: Purchase software.

Total Project Cost: \$202,000

Funding Status: Fully Funded

Funding Source: NMC

RADIOLOGY MODERNIZATION (Project No. B16-2016-059)

Project Description: NMC's Diagnostic Imaging Department requires a complete remodel and modernization. This project includes a replacement of outdated, obsolescent medical equipment, such as CT and MRI. This project will also allow for a new Angiography suite which will allow for us to perform Interventional Radiology.

Background/Justification: In order for NMC to upgrade outdated equipment, the Diagnostic Imaging space needs to be redesigned to accommodate the new technology. In 2013 NMC replaced all of the X-Ray equipment and this project was considered the first phase of a larger project to modernize the Diagnostic Imaging Department. With the new Trauma 2 designation the facility needs to redesign the radiology department to provide services within the hospital for the new service line. There is obsolete medical equipment, such as Computer Tomography (CT) and Magnetic Resonance Imaging (MRI). The new radiology department will incorporate a new Angiography suite and remodel various other service lines within the department.

Goals/Tasks to be completed in FY 2017/18: This is a multi-year project. Construction Documents are complete and being reviewed by the Office of Statewide Health Planning and Development. We should complete the first few phases of the project to include build out of the Interventional Radiology Suite and MRI spaces.

Total Project Cost: \$13,756,285

Funding Status: Fully Funded

Funding Source: NMC

NURSE CALL REPLACEMENT (Project No. B16-2016-066)

Project Description: This project will allow for current nurse call technology at NMC. NMC intends to provide and use two way devices that are text capable to receive alerts from the nurse call system along with the computer workstations in each unit.

Background/Justification: NMC's nurse call system, a Fischer Berkley system, was put into service in 1998. The current system does not have upgrades available to interface with the computer or other communication devices, such as pagers and phones.

Goals/Tasks to be completed in FY 2017/18: NMC has selected a vendor and has started the contracting process. Work in FY 17/18 includes installation of the new nurse call system.

Total Project Cost: \$1,350,000

Funding Status: Fully Funded

Funding Source: NMC

INTERIOR DESIGN UPGRADES - BUILDING WIDE (Project No. B16-2016-069)

Project Description: Upgrade to the hospital interior design.

Background/Justification: This is a year after year fund to improve the finishes within the hospital. Wear and tear on flooring, furniture and wall coverings become dilapidated and need to be replaced, repaired and updated.

Goals/Tasks to be completed in FY 2017/18: Continue building upgrades.

Total Project Cost: \$2,500,000

Funding Status: Fully Funded

Funding Source: NMC

MEDITECH ORM (Project No. B16-2016-070)

Project Description: The ORM (Operating Room Management) module from MEDITECH (NMC's Electronic Health Record system) allows the documentation of surgeries to be captured in the same system as all the other patient electronic documentation. In addition to documentation, ORM integrates with the MEDITECH Modules of MM (Materials Management) and B/AR (Billing/Accounts Receivable) to allow for inventory tracking and billing for surgeries. This is mostly a manual process today and automating the tracking and billing of OR materials will increase efficiency and revenue as OR supplies and surgeries will be able to be electronically captured and billed.

Background/Justification: This project is a twelve-month project that is scheduled for implementation/go live in spring of 2017. This was determined based on resources and the need to get the new system up and running. This system will improve quality, safety, workflow and revenue capture and is required to meet regulatory mandates and reporting.

Goals/Tasks to be completed in FY 2017/18: TBD

Total Project Cost: \$561,750

Funding Status: Fully Funded

Funding Source: NMC

BUILDING CONSTRUCTION CONTINGENCY (Project No. B16-2016-080)

Project Description: Building Construction Contingency

Background/Justification: Capital funding that is not assigned to any particular project. The funding will be augmented to any capital projects that is short of funds due to unexpected or unforeseen conditions.

Goals/Tasks to be completed in FY 2017/18: TBD

Total Project Cost: \$1,500,000

Funding Status: Fully Funded

Funding Source: NMC

VITAL SIGNS INTERFACE (ICU) (Project No. B16-2016-082)

Project Description: Vital Signs Interface will allow for the automatic uploading and tracking of a patient's vital sign information at the bedside directly into the patient's Natividad's Electronic Health Record (EHR). This will be automated throughout different departments in the hospital starting with the Emergency Department (ED), Intensive Care Unit (ICU), Intermediate Medical Care (IMCU) and the Post Anesthesia Care Unit (PACU)

Background/Justification: This project offers better patient care and tracking of patient data and is in line with NMC's strategic organizational goals by offering the following benefits:
Decrease the amount of time needed for complete accurate documentation of patient vital signs, hemodynamic data, and ventilator data into the patient's electronic medical record (EMR).
Drastically decreases the margin for transcription errors from manual entry of multiple patient vital sign data.

Decreases nursing charting time allowing nursing staff more time for direct patient care.

Provides real-time vital sign information to the clinicians.

Goals/Tasks to be completed in FY 2017/18: TBD

Total Project Cost: \$579,000

Funding Status: Fully Funded

Funding Source: NMC

FURNITURE FOR PATIENT AREAS (Project No. B16-2016-084)

Project Description: Replace and upgrade end of life equipment throughout NMC

Background/Justification: This is a year after year fund to improve equipment and furniture within the hospital. As furniture and equipment comes to end of life the, reliability declines rapidly. This project provides replacement furniture and equipment as needed.

Goals/Tasks to be completed in FY 2017/18: Ongoing Replacement

Total Project Cost: \$2,532,130

Funding Status: Fully Funded

Funding Source: NMC

EXPAND PROX CARD ACCESS AND PANIC SWITCHES (Project No. B16-2016-086)

Project Description: Access control upgrade, hardware, software, and expansion of system to include all exterior doors.

Background/Justification: Access control system software is 4 versions behind current platform, this is limiting expansion capabilities as well as security risks due to the version of the software is no longer supported. Once system is upgraded doors can be added as well as other features such as single button lockdown in the event of an emergency.

Goals/Tasks to be completed in FY 2017/18: Complete software and server upgrade.

Total Project Cost: \$196,125

Funding Status: Fully Funded

Funding Source: NMC

SECURITY CAMERAS (Project No. B16-2016-087)

Project Description: Replace broken and low resolution security cameras.

Background/Justification: The Security System is need of a major upgrade some of the system is approaching 20 years old, most cameras are so low resolution that no features can be made out on review. Preventing NMC to provide descriptions of subjects when an incident happens. This can be equated to what a TV screen looked like 20 years ago and High Definition TV of today.

Goals/Tasks to be completed in FY 2017/18: Replace head end equipment i.e.; the signal processor and video storage units.

Total Project Cost: \$307,969

Funding Status: Fully Funded

Funding Source: NMC

REFRESH OF MED SURG AND ICU (Project No. B16-2016-096)

Project Description: Painting, flooring, tile, and casework improvements on Med Surg and ICU

Background/Justification: Minimal updates have been made to the Med Surgical unit and ICU since the hospital was occupied in 1999. It is good practice at least every 10 years to refresh patient areas. This project will allow for new paint, flooring, tile in the bathrooms, and casework improvements in the patient rooms. Project is to provide better patient care and experience for the Medical Surgical Unit (MSU) and Intensive Care Unit (ICU). Increase patient satisfaction scores will allow Monterey County residence a better understanding of the quality of care that Natividad Medical Center provides.

Goals/Tasks to be completed in FY 2017/18: Complete refresh project of MSU and ICU.

Total Project Cost: \$750,000

Funding Status: Fully Funded

Funding Source: NMC

PHARMACY REMODEL (Project No. B16-2016-129)

Project Description: This project will allow for NMC to update the Pharmacy Department to meet the laws and regulations by providing a new compounding room with a new non-hazardous anteroom and hazardous medication storage room.

Background/Justification: The Pharmacy Department develops intravenous medications (IV) that are introduced directly into the bloodstream, bypassing the anti-infective defenses of the stomach and skin. Contaminated compounding IV medications can result into patient harm due to infections. The current IV compounding facility in the Pharmacy Department will not meet the new governed regulations for IV compounding.

Goals/Tasks to be completed in FY 2017/18: Build out of sterile compounding room in the Pharmacy to meet latest regulations passed by the state.

Total Project Cost: \$1,200,000

Funding Status: Fully Funded

Funding Source: NMC

CISCO VOIP PHONE SYSTEM (Project No. B16-2016-144)

Project Description: New and upgraded licenses and replacing end of life equipment are needed for the CISCO VOIP system used at Natividad. This system supports all the phones and intercom/paging throughout the hospital and must be operational.

Background/Justification: Current version of software is outdated and no longer supported by vendor. NMC is experiencing issues with the paging system that can only be addressed with new version. The portable phones that work with the version of the system NMC is running are not even made anymore. Need to upgrade so that the system works and working phones can be distributed to key clinical resources.

Goals/Tasks to be completed in FY 2017/18:

Total Project Cost: \$130,000

Funding Status: Fully Funded

Funding Source: NMC

GENERAL IT EQUIPMENT REPLACEMENT (Project No. B16-2016-148)

Project Description: Need to replace and update all end of life equipment across Natividad Medical Center. This includes items such as computers, laptops, printers, scanners, etc.

Background/Justification: Employees need to have working equipment to do their jobs. Non-working equipment can affect patient care, efficiency and sustainability. Equipment needs to be replaced in a planned and orderly manner.

Goals/Tasks to be completed in FY 2017/18: Replace equipment.

Total Project Cost: \$1,160,150

Funding Status: Partially Funded

Funding Source: NMC

MOBILE STRATEGY (HARDWARE/SOFTWARE) (Project No. B16-2016-242)

Project Description: Develop improvement in security for texting, alert messaging and general communication and documentation.

Background/Justification: HIPAA Privacy laws require that text messages are sent and received using secure technology. This purchase is needed to facilitate physician secure

communication and meet standards. This system will integrate with NMC's electronic health system for clinical alerts.

Goals/Tasks to be completed in FY 2017/18: Purchase hardware/software.

Total Project Cost: \$207,000

Funding Status: Fully Funded

Funding Source: NMC

EMERGENCY DEPARTMENT EXPANSION (Project No. B16-2016-248)

Project Description: This project will allow for NMC to greatly expand its Emergency Department and provide dedicated rooms for behavioral health patients.

Background/Justification: Due to the expanded services by being designated as a Trauma 2 hospital, the emergency department has seen increased volume of patients directly related to trauma. There also has been increased behavioral health patient visits which need their own dedicated treatment rooms. Expanding the Emergency department will allow efficient staff workflow to treat patients and provide more treatment rooms to accommodate increase patient volume.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$25,000,000

Funding Status: Fully Funded

Funding Source: NMC

REPLACEMENT OF FIRST FLOOR FLOORING (Project No. B16-2017-068)

Project Description: Replacement of the ceramic tile that is on the first floor of NMC.

Background/Justification: The flooring on the first floor of the hospital was not installed per manufacturer's recommendations. The concrete did not cure appropriately. As a result, the tile on the first floor has cracked, buckled, etc. We have done moisture sampling throughout the first floor, and the levels are much higher than recommended by manufacturers. Ceramic tile flooring on the first floor of the building has been an increasing concern by the patients, visitors and staff at Natividad Medical Center. Deformation of the ceramic tile continues to create new tripping hazards for the occupants of the building resulting in lost revenue because of workers compensation claims and possible injury to patients and visitors.

Goals/Tasks to be completed in FY 2017/18: Moisture testing, bead blasting, new floor installed.

Total Project Cost: \$1,187,500

Funding Status: Fully Funded

Funding Source: NMC

DEMOLITION OF OLD HOSPITAL (Project No. B16-2017-101)

Project Description: Demolition of the Old Hospital that is on the NMC campus.

Background/Justification: The old hospital was to be demolished during the construction of the new facility. Unfortunately, SB 1953 went into effect during construction, and many costly seismic retrofits needed to be implemented. As a result, the demolition of the old hospital was value engineered out of the construction of the new NMC facility.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$17,160,000

Funding Status: Fully Funded

Funding Source: NMC

INFORMATION AND SECURITY COMPLIANCE (Project No. B17-2017-002)

Project Description: Purchase software and tools to monitor and keep secure the data and systems at Natividad Medical Center. Required to meet HIPAA Compliance and Healthcare standards.

Background/Justification: Ongoing investment in Information Security is needed to maintain our current level of system and data protection and to keep our technology up to date to address new and emerging threats. This is a HIPAA mandated compliance requirement and allows us to exercise healthcare best practice standards. Not investing in information security is not an option. NMC must be compliant with HIPAA laws or we risk fines and exclusion from the Meaningful Use program. Unmanaged IT risks impact system availability which ultimately impacts the delivery of patient care, our financial sustainability and the hospitals reputation.

Goals/Tasks to be completed in FY 2017/18: TBD

Total Project Cost: \$600,000

Funding Status: Partially Funded

Funding Source: NMC

IT INFRASTRUCTURE (Project No. B17-2017-003)

Project Description: Investment needed to maintain and enhance the IT Infrastructure across NMC. This includes purchasing items such as network switches, routers, storage, servers, etc..

Background/Justification: These are planned replacements for aging equipment and use of newer technology. These purchases are needed to run all systems at NMC and keep systems up and reliable. Systems are critical to patient care and hospital operations. It would not be acceptable to operate equipment that is end of life and unsupported.

Goals/Tasks to be completed in FY 2017/18: Purchase/replace equipment.

Total Project Cost: \$2,368,600

Funding Status: Fully Funded

Funding Source: NMC

BMC CLIENT MANAGER (BCM) (Project No. B17-2017-004)

Project Description: BMC Client Manager (BCM) is software tool that will track and help manage the hardware and software that exists at Natividad Medical Center. This would include where the items are deployed, end of life, support contracts, inventories, etc. for the computer software and hardware at NMC.

Background/Justification: Due to size and scope of NMC's computers and systems, more advanced technology is needed to track and support these assets. Currently, NMC is tracking them manually and this is inefficient and risky. Much labor and resource time will be saved with the purchase of this software.

Goals/Tasks to be completed in FY 2017/18: Purchase software.

Total Project Cost: \$124,000

Funding Status: Fully Funded

Funding Source: NMC

CITRIX/HORIZON MIGRATION- VMWARE (Project No. B17-2017-007)

Project Description: NMC utilized virtual desktop technology as a physician access portal and throughout the hospital. It is used for remote access to key NMC systems for patient care and billing. VMWARE will replace NMC's aging and unreliable Citrix environment that is currently in place.

Background/Justification: Current system (Citrix) is failing and action is needed to upgrade or replace. VMWARE is a better product and less expensive than the current Citrix product used. VMWARE is the industry leader and standard for virtualization. This is needed for security and access for users.

Goals/Tasks to be completed in FY 2017/18: Purchase software.

Total Project Cost: \$120,000

Funding Status: Fully Funded

Funding Source: NMC

1200A 3-POLE AUTOMATIC TRANSFER SWITCH (Project No. B17-2017-052)

Project Description: Replacement of an ATS breaker

Background/Justification: NMC is starting to see failures on the Emergency power system. Kitchell reported system as at end of life, would rather plan for a replacement of a breaker in a controlled fashion than in a failure. There are 7 of these in the system but we have seen problems only on one.

Goals/Tasks to be completed in FY 2017/18: Purchase equipment.

Total Project Cost: \$217,500

Funding Status: Fully Funded

Funding Source: NMC

MAKE UP AIR UNIT (MAU) (Project No. B17-2017-053)

Project Description: Rebuild or replace Bld 580 Make Up Air unit.

Background/Justification: The make up air unit is a fan that adds air to the kitchen that is drawn out by the big kitchen hoods. If the make up air unit is not running the kitchen area is in a vacuum. The existing unit is at end of life and needs to be rebuilt or replaced. Existing unit is not moving correct amount of air due to a part of the fan housing rusted away.

Goals/Tasks to be completed in FY 2017/18: Have unit evaluated for r/r and start process. If replacement is required it will need to go thru OSHPD.

Total Project Cost: \$140,000

Funding Status: Fully Funded

Funding Source: NMC

FIRE ALARM COMMAND CENTER BLD. 400 (Project No. B17-2017-054)

Project Description: Fire Alarm Command Center Bld. 400

Background/Justification: Fire Alarm will need to be replaced at some point in near future. Was identified on Kitchell report as well as the inherent problems we are starting to see with a 20-year-old system. We are getting electronic glitches that will trigger an alarm but can find no record of why, devices are becoming harder to find so when a duct detector fails it is sometime weeks before another one can be located.

Goals/Tasks to be completed in FY 2017/18: First years are the design of the system, then the replacement in the upcoming years.

Total Project Cost: \$1,252,000

Funding Status: Fully Funded

Funding Source: NMC

FIRE ALARM COMMAND CENTER BLD. 580 (Project No. B17-2017-055)

Project Description: Fire Alarm Command Center Bld. 580

Background/Justification: Fire Alarm will need to be replaced at some point in near future. Was identified on Kitchell report as at end of life and the inherent problems we are starting to see with a 20 year old system. We are getting electronic glitches that will trigger an alarm but can find no record of why, devices are becoming harder to find so when a duct detector fails it is sometime weeks before another one can be located.

Goals/Tasks to be completed in FY 2017/18: First year look at systems and start design, will need to go to OSHPD.

Total Project Cost: \$456,000

Funding Status: Fully Funded

Funding Source: NMC

BUILDING 200 SUITE 101 NMG (Project No. B17-2017-521)

Project Description: This project includes a refresh to the old Women's Health Clinic located in Building 200 first floor. Since NMG clinic will reside on the hospital license, there will also need to be modifications to the space to meet current code requirements.

Background/Justification: NMG clinic is located in Building 400 on the first floor that provides primary care. Our intended growth is aimed to provide primary care services to the population of Monterey County. The number of patients seen in this clinic have increased, and the existing space is no longer sufficient to meet the demand of patients. The current location has 5 exam rooms. NMC desires to relocate NMG to Building 200 first floor. The new clinic will provide 12 exam rooms and will be built in accordance of California Building Standards Code for a primary care clinic in order to be on the hospital license.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$2,225,000

Funding Status: Fully Funded

Funding Source: NMC

LOBBY COFFEE BAR (Project No. B17-2017-523)

Project Description: This project will allow for a coffee bar in the main lobby of the hospital for use by patients, visitors, and staff.

Background/Justification: Most hospitals have a coffee cart/ coffee bar for patients, visitors, and staff. NMC believes this will be a satisfier for all parties.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$125,000

Funding Status: Fully Funded

Funding Source: NMC

LABORATORY REMODEL (Project No. B17-2017-524)

Project Description: This project will redesign the front phlebotomy drawing area of the Laboratory, expand the blood bank area, and make the Chemistry area of the lab ready to change its current equipment.

Background/Justification: The Phlebotomy area need to be renovated to improve esthetics for better patient comfort during patient procedures. The blood bank needs additional space for specimen processing and the chemistry analyzers are to be replaced and supplemented with deionized water.

Goals/Tasks to be completed in FY 2017/18: TBD

Total Project Cost: \$675,000

Funding Status: Fully Funded

Funding Source: NMC

SEA CONFERENCE ROOM (Project No. B17-2017-525)

Project Description: This project will refresh (new floor, paint, and new restrooms to meet current code) the existing SEA conference room located in Building 600.

Background/Justification: The SEA conference room is the hospital's old cafeteria and the largest conference room at the hospital. The space still resembles a cafeteria, and NMC desires to improve the space. The adjacent bathrooms will also need to be redone and brought up to current building code. This will allow higher level of productive conferences and presentations.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$500,000

Funding Status: Fully Funded

Funding Source: NMC

NATIVIDAD CONFERENCE ROOM (Project No. B17-2017-526)

Project Description: This project will refresh (new floor, paint, etc.) the existing Natividad conference room located in Building 580.

Background/Justification: The Natividad conference room is used for hospital board meetings and various other meetings that host people from outside NMC. The space has not been refreshed since opening the new hospital.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$300,000

Funding Status: Fully Funded

Funding Source: NMC

ELEVATOR UPGRADES (Project No. B17-2017-555)

Project Description: To install new elevator controls and other elevator parts as needed.

Background/Justification: Knowing controls are at end of life as documented in Kitchell report, puts NMC and the county at risk if someone is injured. Replacing prior to failure would allow for scheduling. Better safety features, and less downtime. Control replacement is suggested not required at this time.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$375,000

Funding Status: Fully Funded

Funding Source: NMC

EXTERIOR PAINT WATERSEAL (Project No. B17-2017-558)

Project Description: This project includes caulking and repainting of the buildings on NMC's campus as well as sealing of windows.

Background/Justification: NMC is approaching 20 years old, signs of age are showing. Building has cracks that if left unsealed could cause long term damage.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$410,000

Funding Status: Fully Funded

Funding Source: NMC

MODULAR BUILDING ON CAMPUS (Project No. B17-2017-561)

Project Description: Modular Building on Campus

Background/Justification: NMC is out of space, with new programs coming to NMC the need for space is approaching critical. Modular space would allow for the ability to shuffle departments to meet NMC needs.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$575,000

Funding Status: Fully Funded

Funding Source: NMC

PLUMBING/ SEWER RE-PIPE (Project No. B17-2017-562)

Project Description: This project allows for a contractor to inspect and assess NMC's current plumbing and indicate what needs to be replaced.

Background/Justification: NMC plumbing (sewer and supply) are approaching 20 years, the water supply could be as big as 4" there is a concern due to the number of leaks on the supply side that a major leak will happen in the near future. On the waste side, there has been a constant problem with the lift station that has a huge environmental impact if it fails. A water leak could shut down a portion of the hospital for a significant amount of time and the cleanup could be costly. A sewage spill from the lift station will result in significant fines.

Goals/Tasks to be completed in FY 2017/18:

Total Project Cost: Project is scheduled for future fiscal years.

Funding Status: Fully Funded

Funding Source: NMC

ROOF REPAIR/ REPLACE (Project No. B17-2017-564)

Project Description: This project includes patching and repairing existing roofs on NMC's campus.

Background/Justification: The roofs at NMC have been in place for over 20 years, showing signs of age. Kitchell report puts some at end of life.

Goals/Tasks to be completed in FY 2017/18: Project is scheduled for future fiscal years.

Total Project Cost: \$500,000

Funding Status: Fully Funded

Funding Source: NMC

WORKSTATIONS ON WHEELS (WOWS) (Project No. NMC-17-01)

Project Description: Workstations on Wheels (WOWs) are critical for the documentation and providing system information to the clinical staff. Many of the WOWs are end of life or do not exist so need to be replaced across the hospital.

Background/Justification: This is a critical piece of equipment used by Clinicians. The WOW's hold the computers that allow the documentation of the patient's electronic health record. This is best practices and industry standard for clinical documentation. This allows documentation real time while visiting with the patient. If the WOWs did not exist, documentation would be delayed, possibly forgotten, incomplete and inaccurate patient record.

Goals/Tasks to be completed in FY 2017/18: Purchase equipment.

Total Project Cost: \$442,500

Funding Status: Partially Funded

Funding Source: NMC

PROBATION

YOUTH CENTER ROOF REPAIRS (Project No. 8572)

Project Description: Install new roof on the main building at 970 Circle Drive, Salinas.

Background/Justification: The roof of the main building has deteriorated beyond its useful life. The roof will continue to deteriorate with imminent damage to the building interior and disruption to Probation programs and operations if improvements are not made.

Goals/Tasks to be completed in FY 2017/18: Complete the construction phase. This project will start after installation of the rooftop four HVAC units (EEM phase III project).

Total Project Cost: \$566,630

Funding Status: Fully Funded

Funding Source: Fund 401

NEW JUVENILE HALL (Project No. 8811)

Project Description: The new campus-style 120-bed replacement Juvenile Hall will include new administration office space, visiting room, vehicle sally port, central control room, classrooms, kitchen & dining, laundry space, and warehouse/maintenance services.

Background/Justification: The present 50-year-old juvenile hall facility is outdated and does not meet current California Code or Americans with Disabilities Act (ADA) regulations. The New Juvenile Hall will provide for better security for youth and staff with new secure cells, access area for transportation, recreation yard, intake processing area, and rehabilitative space in a best practices campus-style environment. The impact of not conducting this project would be deleterious to Probation programs necessary to support the County Judicial system and the public. If replacement of this facility is not provided, the County is at risk for litigation related to accessibility and safety issues.

Goals/Tasks to be completed in FY 2017/18: Construction to begin in FY 17/18

Total Project Cost: \$58,671,291

Funding Status: Fully Funded

Funding Source: SB81 State Conditional Award and General Funds

RMA LAND USE & COMMUNITY DEVELOPMENT

CARMEL RIVER FLOODPLAIN RESTORATION (CRFREE) (Project No. 1605)

Project Description: Restoration of the former Odello farm fields south of the Carmel River and east of Highway 1, including levee removal, floodplain and habitat restoration, construction of an approximately 350'-long causeway to replace a portion of the Highway 1 embankment, and transition grading into and potential expansion of the South Arm of the Carmel River Lagoon.

Background/Justification: The lower reach of the Carmel River Basin was the site of multiple expensive and severe flooding incidents in 1995 and 1998. The funding would be used to build on local, state and non-profit expenditures directed to reducing repetitive loss flood damage by significantly mitigating future flood risk. The project also has a very significant habitat restoration component, which includes reverting exiting levee farm fields to non-levee riparian and floodplain habitat, and providing habitat continuity from the previously restored lands on the west side of the highway to the proposed restoration area to the east of the highway.

Goals/Tasks to be completed in FY 2017/18: Tasks for FY 17/18 include completion of the environmental review and submission of permit applications. Staff will continue to explore grant funding opportunities.

Total Project Cost: \$25,894,076
Funding Status: Partially Funded
Funding Source: Grant Funding, Fund 404

CARMEL LAGOON SCENIC ROAD PROTECTION STRUCTURE

Project Description: The Carmel Lagoon Scenic Road Protection Structure (SRPS)/Ecosystem Protective Barrier (EPB) Project is a multi-objective, multi-year, multi-organizational effort to improve natural floodplain function, and protect public infrastructure, while maintaining or improving flood risk protection to existing developed areas. The project involves implementing three project components: 1) Ecosystem Protective Barrier (EPB); 2) Scenic Road Protection Structure (SRPS); and 3) Interim Sandbar Management Plan (ISMP).

Background/Justification: Completion of the Carmel Lagoon SRPS/EPB will help prevent emergency flood situations which may cause harm to public health, safety, and welfare as well as expose the county to potential liability and litigation risk. Project completion also reduces the county's regulatory risk exposure. From a budgetary perspective, project implementation allows for minimization of unanticipated or avoidable mitigation costs.

Goals/Tasks to be completed in FY 2017/18: Complete environmental review. Staff will continue to explore grant funding opportunities.

Total Project Cost: \$17,903,092
Funding Status: Partially Funded
Funding Source: Grant Funding, Fund 404

PARKS

LAGUNA SECA DRINKING WATER DISTRIBUTION SYSTEM (Project No. 2015-P-6)

Project Description: Upgrade drinking water distribution system to meet current regulations.

Background/Justification: Significant upgrades are required by regulators to the drinking water distribution system at Laguna Seca. These upgrades include backflow prevention, storage system automation and cross connection prevention. This system feeds both the track and the park. Failure or significant restrictions to water distribution system and/or supply will shut down the racetrack and park facility.

Goals/Tasks to be completed in FY 2017/18: Complete design plans and begin construction.

Total Project Cost: \$267,000

Funding Status: Partially Funded

Funding Source: Laguna Seca Restricted Revenue Account

LAGUNA SECA TURN 6 MITIGATION (Project No. 2017-P-1)

Project Description: Turn 6 mitigation alternative to reroute the storm water drainage back towards the Laguna Seca Recreation Area (LSRA) and away from Bureau of Land Management (BLM) lands.

Background/Justification: The existing detention/dispersion system suffered from continued clogging/siltation and overflow problems. A temporary system was implemented as a short-term effort to address the situation and was deemed effective. This project will address the issue on a long-term basis. If not addressed above and beyond the short-term solution, further issues such as erosion may result with the current short term drainage system in place. Impacts vary such as significant slope failure and potential threat to the Turn 6 embankment, which may force closure of the racetrack and result in costly engineering and construction.

Goals/Tasks to be completed in FY 2017/18: The project consultants Cotton Shires and Assoc. (CSA) will develop construction documents for a new storm water diversion system. This project would be implemented through our Job Order Contracting program, and managed by Public Works Construction Crews. Monitoring efforts will begin at the area above the main ravine with the intent of detecting significant movement.

Total Project Cost: \$600,000

Funding Status: Fully Funded

Funding Source: Laguna Seca Track Fund

LAGUNA SECA SEWER FACILITY IMPROVEMENTS (Project No. 75001)

Project Description: The project requires a comprehensive inventory and evaluation of the existing 7 independent sanitary sewer systems with the goal of developing a single system (onsite sewage treatment plant). The existing systems have been developed at different times over the years all have varying capacities and related issues and to address each one would not be financially feasible.

Background/Justification: The events at Laguna Seca require a system to accommodate large crowds over a short period of time and the existing systems cannot effectively accommodate the user demands. Installation of new system is required to continue to serve the park facility and the park's users, and to eliminate expensive service calls and repairs (pumping of the system). If the sewer system is deemed non-operable, events and regular activities would be compromised and the facility could require closure until repairs are made. Temporary porta-potty units might be brought in at an added cost, however, normal use of sinks, drains, etc. would not be functional likely resulting in the closure of the park facility.

Goals/Tasks to be completed in FY 2017/18: Begin system design.

Total Project Cost: \$3,098,571

Funding Status: Partially Funded

Funding Source: Laguna Seca Restricted Revenue Account

WATER WELL FILTRATION SYSTEM AT LAGUNA SECA (Project No. 75007)

Project Description: LSRA Water Well Filtration System. Design and implement a water filtration system for domestic water well.

Background/Justification: Required by Monterey County Environmental Health to meet Federally mandated arsenic level compliance.

Goals/Tasks to be completed in FY 2017/18: Design and implementation.

Total Project Cost: \$230,000

Funding Status: Fully Funded

Funding Source: Laguna Seca Restricted Revenue Account

RMA PUBLIC WORKS & FACILITIES

BLACKIE ROAD SAFETY IMPROVEMENT ENV MITIGATION (Project No. TBD)

Project Description: This phase of the project is to complete environmental mitigation for the construction of the Blackie Road Safety Improvement project. The project rehabilitated Blackie Road from Borromeo Drive to 0.74 of a mile west of Molly Rd. It consisted of pavement rehabilitation, underground drainage, centerline rumble stripe, and shoulder widening.

Background/Justification: Environmental mitigation is required by the California Department of Fish and Wildlife (Incidental Take Permit - California Tiger Salamander).

Goals/Tasks to be completed in FY 2017/18: Complete environmental mitigation.

Total Project Cost: \$240,000
Funding Status: Fully Funded
Funding Source: Road Fund

STATE HIGHWAY 68 AT CORRAL DE TIERRA ROAD (Project No. 1140)

Project Description: Project is to improve the level of service (LOS) at the intersection of State Route 68 and Corral de Tierra Road. The project is to add a second left-turn lane on westbound State Route 68 onto southbound Corral de Tierra Road. The is to also construct a merge lane on southbound Corral de Tierra Road to receive the second left-turn lane.

Background/Justification: Project is to improve the level of service (LOS) at the intersection of State Route 68 and Corral de Tierra Road. The project is to add a second left-turn lane on westbound State Route 68 onto southbound Corral de Tierra Road. The plan is to also construct a merge lane on southbound Corral de Tierra Road to receive the second left-turn lane.

Goals/Tasks to be completed in FY 2017/18: Advertise project and begin construction.

Total Project Cost: \$3,653,010

Funding Status: Fully Funded

Funding Source: Regional Surface Transportation Program, Surface Transportation Program, Traffic Impact Fees

SAN JON RD & BORONDA RD BRIDGE RAIL REPLACEMENT (Project No. 1141)

Project Description: Upgrade and bring to current standard the existing bridge rails on San Jon Rd Bridge #200 and Boronda Rd Bridge #205.

Background/Justification: Proposed project will bring the existing bridge rails to current State standards and improve public safety.

Goals/Tasks to be completed in FY 2017/18: Advertise project and begin construction.

Total Project Cost: \$545,000

Funding Status: Fully Funded

Funding Source: Highway Bridge Program

JOLON RD BRIDGE RAIL REPLACEMENT (Project No. 1142)

Project Description: Upgrade and bring to current standard the existing bridge rails on Jolon Rd Bridge #327.

Background/Justification: Proposed project will bring the existing bridge rails to current State standards and improve public safety.

Goals/Tasks to be completed in FY 2017/18: Advertise project and begin construction.

Total Project Cost: \$395,000

Funding Status: Fully Funded

Funding Source: Highway Bridge Program, Road Fund

BPMP (METHACRYLATE AND POLYESTER OVERLAY) (Project No. 1143)

Project Description: This project includes application of methacrylate to 12 bridge decks and polyester overlay to 4 bridge decks. These bridges are located throughout Monterey County.

Background/Justification: The work is recommended per the Structure Maintenance & Investigation Bridge Inspection Reports, prepared by Caltrans. The project will extend the life of the bridge decks. Condition of the bridge decks continue to degrade if project is not constructed.

Goals/Tasks to be completed in FY 2017/18: Advertise project and begin construction.

Total Project Cost: \$2,683,434

Funding Status: Fully Funded

Funding Source: Grant Funds, Gas Tax

COUNTYWIDE ROADWAY SAFETY SIGNAGE/STRIPING AUDIT (Project No. 1145)

Project Description: Conduct a Roadway Safety Signing and Striping Audit on approximately 250 miles of County roads. Based on the audit findings replace or relocate existing signs, install new signs, and replace existing striping with detail 22 where warranted.

Background/Justification: In many of these locations there is already signage and markings in place. Many of these treatments were installed years ago and have not been reviewed to determine if they are still effective and meet the current requirements of the CaMUTCD. In some cases, the assumptions made relating to driver speeds are no longer valid and these devices need to be reassessed based on the current data. The selected road corridors include several miles of roadway system.

Goals/Tasks to be completed in FY 2017/18: Complete roadway safety signing and striping audit and start the replacement, relocation and installation of signs and striping.

Total Project Cost: \$3,222,200

Funding Status: Fully Funded

Funding Source: Highway Safety Improvement Program

BLACKIE ROAD SAFETY IMPROVEMENTS - PHASE I (Project No. 1406)

Project Description: Provide for two 11-foot travel lanes, four to six foot shoulders, no vehicle passing, rumble strips, thermoplastic pavement markings, and curve warning signs on Blackie Rd from Molly Road to 0.74 of a mile west of Molly Road.

Background/Justification: Reduce frequency and severity of collisions on rural roads by correcting or improving hazardous roadway location or features.

Goals/Tasks to be completed in FY 2017/18: Continue with plant establishment phase.

Total Project Cost: \$1,584,023

Funding Status: Fully Funded

Funding Source: Road Fund

BLACKIE ROAD SAFETY IMPROVEMENTS - PHASE II (Project No. 1422)

Project Description: The project is to rehabilitate Blackie Road from Borrowmeo Drive to 0.74 of a mile west of Molly Rd. The project also consists of underground drainage, centerline rumble stripe, and shoulder widening. 1422 - Borrowmeo Dr to Molly Rd.

Background/Justification: Reduce frequency and severity of collisions on rural roads by correcting or improving hazardous roadway locations or features.

Goals/Tasks to be completed in FY 2017/18: Continue with plant establishment phase.

Total Project Cost: \$3,155,263

Funding Status: Fully Funded

Funding Source: Road Fund

BLANCO ROAD OVERLAY (Project No. 1727)

Project Description: Project is to overlay Blanco Road from Reservation Road to Davis Road with hot-mix-asphalt.

Background/Justification: Proposed project will extend the pavement life of the roadway, which provides a critical link between the Monterey Peninsula and Salinas Valley. Condition and life of the road will continue to degrade if project is not constructed.

Goals/Tasks to be completed in FY 2017/18: Advertise project and begin construction.

Total Project Cost: \$3,104,226
Funding Status: Fully Funded
Funding Source: Transient Occupancy Tax (TOT)

NACIMIENTO LAKE DRIVE BRIDGE NO. 449 REPLACEMENT (Project No. 2202)

Project Description: Replacement of the existing Nacimiento Lake Drive Bridge over San Antonio River with a new 34-foot wide and 297-foot long bridge.

Background/Justification: The existing one-lane bridge (17 feet wide and 292 feet long) constructed in 1921 does not meet current design/seismic standards. The existing bridge is functionally and structurally deficient. Not constructing the project will leave a functionally obsolete and structurally deficient bridge in place.

Goals/Tasks to be completed in FY 2017/18: Complete 95% Final Plans, Specifications, and Estimates (PS&E), initiate obtaining right-of-way clearance, and advertise project.

Total Project Cost:

Funding Status: Fully Funded

Funding Source: Highway Bridge Program, Toll Credits

ANNUAL SEAL COAT PROGRAM (Project No. 3007)

Project Description: FY18 Seal Coat: Carmel Valley Rd - Carmel Rancho Blvd to 0.1-mile w/o Rancho San Carlos Rd; Davis Rd - Reservation Rd to Blanco Rd; Jolon Rd - Pine Cyn Rd to 1.2 mi n/o San Lucas Rd (MP 32); Reservation Rd - Blanco Rd to 0.9 mi e/o Blanco Rd.

Background/Justification: Proposed project will extend the pavement life of the roadways.

Goals/Tasks to be completed in FY 2017/18: Seal coat and perform pavement repair for the roads listed above.

Total Project Cost: \$10,000,000

Funding Status: Fully Funded

Funding Source: Transient Occupancy Tax (TOT)

DAVIS ROAD BRIDGE REPLACEMENT AND ROAD WIDENING (Project No. 3600)

Project Description: Replacement of existing two-lane, low-level bridge with a high-level, four-lane bridge, approximately 74-feet wide and 1,700-feet long with 8-foot shoulders and widening Davis Road to four lanes between Blanco and Reservation roads.

Background/Justification: Replacement of existing two-lane, low-level bridge with a high-level, four-lane bridge, approximately 74-feet wide and 1,700-feet long with 8-foot shoulders and widening Davis Road to four lanes between Blanco and Reservation roads.

Goals/Tasks to be completed in FY 2017/18: Final Design

Total Project Cost: \$58,807,198

Funding Status: Partially Funded

Funding Source: Federal, State and Local funding sources.

Schulte Road Bridge #501 (Project No. 3820)

Project Description: Replacement of the existing bridge over Carmel River with a 206 foot long and 31 feet wide two-span bridge.

Background/Justification: The existing bridge was 9 feet wide and 187 feet long. The existing bridge was functionally obsolete and did not meet current design or seismic standards. The bridge is replaced with a structure that will meet current Caltrans seismic codes.

Goals/Tasks to be completed in FY 2017/18: FY 17/18 work involves ongoing monitoring of plant establishment.

Total Project Cost: \$6,447,161

Funding Status: Fully Funded

Funding Source: Road Fund

ROBINSON CANYON RD BRIDGE SCOUR REPAIR (Project No. 3851)

Project Description: Project involves placement of scour countermeasures to protect two exposed bridge pier footings. The countermeasures will consist of placing rock slope protection (RSP also known as riprap), sheet pile, or other scour-control measures to reduce scour and undermining of structure footing. The footprint of the RSP, sheet pile, or other scour-control measures will extend no further than 100 feet from each bridge face.

Background/Justification: The bridge has been evaluated by Caltrans Structure engineers and determined to be scour critical. The Caltrans Bridge Maintenance Bridge Inspection Report recommend the County "implement properly engineered scour countermeasures to protect the piers from scour". The project will prevent further undermining of piers/pile caps. Not constructing the project will leave the bridge at risk from scouring of the Carmel River.

Goals/Tasks to be completed in FY 2017/18: Complete Final Plans, Specifications, and Estimates (PS&E) for the project as well as obtain right-of-way clearance.

Total Project Cost: \$1,403,126

Funding Status: Fully Funded

Funding Source: Highway Bridge Program, Toll Credits

BRADLEY ROAD BRIDGE SCOUR REPAIR (Project No. 3852)

Project Description: Project entails the placement of scour countermeasures to protect exposed bridge piers 18 and 19. The scour countermeasures will consist of placing rock slope protection (RSP also known as riprap), sheet pile, or other scour-control measures to reduce scour and undermining of structure footings. The footprint of the RSP, sheet pile, or other scour-control measures will extend no further than 100 feet from each bridge face.

Background/Justification: Bradley Road Bridge has been evaluated by Caltrans Structure Maintenance and Investigations and determined to be scour critical. The Caltrans Bridge Maintenance Bridge Inspection Report for the Bridge recommends that the County "Implement properly engineered scour countermeasures to protect the piers from scour." The project will reduce scour and undermining of structure footings.

Goals/Tasks to be completed in FY 2017/18: Complete Final Plans, Specifications, and Estimates (PS&E), obtain right-of-way clearance and solicit construction bids.

Total Project Cost: \$1,919,314

Funding Status: Fully Funded

Funding Source: Highway Bridge Program, Toll Credits

GONZALES RIVER RD BRIDGE SUPERSTRUCTURE REPLACEMENT (Project No. 3853)

Project Description: The existing Gonzales River Road Bridge will be replaced with a new bridge approximately 44-feet wide and 1,661-feet long and will be raised to provide for adequate clearance during storm events.

Background/Justification: The existing two-lane, 29-span Bridge was constructed in 1930 and seismic retrofitted with outrigger pier and pier cap substructure in 2002. The 22 feet, 6-inches wide, and 1,661-feet-long existing bridge is functionally obsolete and structurally deficient.

Goals/Tasks to be completed in FY 2017/18: Complete Final Plans, Specifications and Estimates (PS&E), and initiate obtaining right-of-way clearance.

Total Project Cost: \$12,204,978

Funding Status: Fully Funded

Funding Source: Gas Tax, Highway Bridge Program

HARTNELL ROAD BRIDGE REPLACEMENT (Project No. 3854)

Project Description: Replace existing two-lane, box-culvert/bridge over Alisal Creek. The new bridge will be 45 feet, 3-inches wide, and 26-feet long.

Background/Justification: The existing two lane, 2-span bridge constructed in 1945 is 23 feet, 7-inches wide, and 22-feet long. The existing bridge does not meet current structural design standards. The existing bridge is currently posted to limit traffic to below legal load capacity.

Goals/Tasks to be completed in FY 2017/18: Complete Final Plans, Specifications and Estimates (PS&E), obtain right-of-way clearance, and construct project.

Total Project Cost: \$2,997,154

Funding Status: Fully Funded

Funding Source: Highway Bridge Program, Toll Credit

JOHNSON ROAD BRIDGE REPLACEMENT (Project No. 3855)

Project Description: Replacement of the existing two-lane bridge over Carneros Creek. The new two-span bridge will be 43-feet wide and 80-feet long.

Background/Justification: The existing two-lane, 3-span Bridge constructed in 1951 is 18-feet, 9-inches wide, and 60-feet long. The existing bridge does not meet current structural or functional width design standards. Not constructing the project will leave a functionally obsolete and structurally deficient bridge in place.

Goals/Tasks to be completed in FY 2017/18: Complete 95% Final Plans, Specifications, and Estimates (PS&E), initiate obtaining right-of-way clearance, and construct project.

Total Project Cost: \$4,198,635

Funding Status: Partially Funded

Funding Source: Highway Bridge Program, Toll Credit

UNSCHEDULED REPAIRS (Project No. 8510)

Project Description: Funding provides for unanticipated emergency and non-emergency repairs to County facilities that fall outside the scope of routine maintenance. Total funding is intended to cover all associated project costs including related staff time.

Background/Justification: To maintain health and safety of building occupants, and to repair damage to buildings due to water intrusion, storm damage or other causes; To maintain regulatory compliance and fire safety; To reduce exposure to building material contaminants such as asbestos, lead and mold; and to preserve assets; To reduce risk by removal of trees, limbs, brush, or other growth that may cause damage or reduce visibility.

Goals/Tasks to be completed in FY 2017/18: Complete repair, remediation, and other unscheduled projects as directed to maintain health and safety within County facilities and grounds; Prevent risk or loss due to damaged or deficient building or site conditions. Estimated expenditures in FY 2017/18 \$800K.

Total Project Cost: \$800,000

Funding Status: Fully Funded

Funding Source: Fund 401

FACILITY SECURITY ASSESSMENTS (Project No. 8576)

Project Description: Conduct a comprehensive on-site security assessment of County buildings. Phase 1 Facility Security Assessments focused on the Board Chambers; Phase 2 Facility Security Assessments of selected County Owned Facilities will be completed by June 2017. Phase 3 Facility Assessments will include selected remaining County Facilities not completed during previous Phases.

Background/Justification: The assessment will be conducted in accordance with applicable laws and regulations and most recent industry practice including best practices outlined by Department of Homeland Security, Federal Emergency Management Agency Guidelines for Buildings and infrastructure Protection.

Goals/Tasks to be completed in FY 2017/18: Complete third Phase of Facility Security Assessments.

Total Project Cost: \$120,276

Funding Status: Fully Funded

Funding Source: Fund 401

CAYETANO PARK IMPROVEMENTS (Project No. 8579)

Project Description: The project will design and install new playground improvements that meet all applicable local, state and federal regulations. The park will reopen to serve residents of the community of Pajaro.

Background/Justification: Cayetano Park has served as a small 5000 square feet "tot lot" for the community of Pajaro since 1987. Cayetano Park has been closed since August of 2015 due to deteriorated playground equipment.

Goals/Tasks to be completed in FY 2017/18: During the 1st year of the CIP, the Project will complete construction activities.

Total Project Cost: \$256,225

Funding Status: Fully Funded

Funding Source: Community Development Block Grant

SCHEDULED REPAIRS (Project No. 8595)

Project Description: Funding is budgeted for scheduled non-emergency repairs to County facilities that fall outside the scope of routine maintenance. Funding will cover all associated project costs including related staff time. In FY 2017/18, the following project will commence:

1410 Natividad Road (Adult Detention) Replace Boiler #1 (\$135,000)

1410 Natividad Road (Adult Detention) Replace Boiler #1 (\$135,000)

1412 Natividad Road (Adult Rehabilitation) Replace Boiler 2 Camus Boiler in Laundry Room (\$180,000)

1410 Natividad Road (New Jail) Replace Boiler 2 Boiler in the Kitchen (\$270,000)

1410 Natividad Road (New Jail) Replace fire panels at new jail (\$315,000)

1412 Natividad Road (Adult Rehabilitation) Replace 2 generators (200KW & 300 KW) with 2-300KW generators and remove 2 diesel day tanks (\$502,500)

Background/Justification: The replacements are due to the health and safety of building occupants, regulatory compliance and energy conservation. Designated projects are scheduled for completion during the fiscal year, utilizing Job Order Contract or formal bid process. Project management and construction management costs are included. The mechanical components of the boilers and generators have exceeded their useful life and it is costly to keep up with the maintenance. More than 10% of the fire panels at new jail are nonfunctional and the old

detectors will not comparable with the new BMS. Also, the new equipment will reduce the energy consumption and maintenance cost.

Goals/Tasks to be completed in FY 2017/18: Complete replacement of equipment by end of FY 18.

Total Project Cost: \$1,537,500

Funding Status: Fully Funded

Funding Source: Fund 401

CASTROVILLE RAILROAD BICYCLE/PEDESTRIAN CROSSING (Project No. 8622)

Project Description: Project is to construct a bicycle and pedestrian path with a bridge over the Union Pacific Railroad (UPRR). The project will connect the existing bicycle path on Castroville Boulevard to McDougall Street in Castroville, approximately 0.75 of a mile long.

Background/Justification: The proposed project will provide a safe railroad crossing for bicyclists, pedestrians and for the Community of Castroville; especially school aged children attending Elkhorn Elementary School and North Monterey County High School. Students, children, bicyclist, and the Castroville community will not have a safe crossing over the railroad track if project is not constructed.

Goals/Tasks to be completed in FY 2017/18: Complete project construction.

Total Project Cost: \$10,205,446

Funding Status: Fully Funded

Funding Source: Active Transportation Fund, Road Fund, Surface Transportation Improvement Program

MOSS LANDING UNDERGROUND UTILITY DISTRICT 20A (Project No. 8657)

Project Description: Design and construct underground utilities on various roadways in the Rule 20A District.

Background/Justification: Improve aesthetics and quality of life in the community

Goals/Tasks to be completed in FY 2017/18: Construction of Joint Trench anticipated to begin April 2017 and complete October 2017. On-site service and meter conversions anticipated October-December 2017. Removal of overhead lines and poles anticipated January-March 2018.

Total Project Cost: \$419,349

Funding Status: Fully Funded

Funding Source: Duke Energy Fund

MONTEREY BAY SANCTUARY SCENIC TRAIL-MOSS LANDING (Project No. 8668)

Project Description: The project is a segment of the Monterey Bay Sanctuary Scenic Trail from Pacific Grove to Santa Cruz and is located in the North Monterey County community of Moss Landing. The project is approximately 0.86 +/- mile long extending from Moss Landing Road to the North Harbor of State Highway 1 Bridge. It includes the construction of a 10-foot paved bicycle path with 2-foot wide decomposed granite shoulders on each side of the path and a 12-foot-wide, 386-foot bridge over Elkhorn Slough.

Background/Justification: Provides air quality benefits and safe access for bicyclists and pedestrians, offers an alternative mode of transportation to area destinations.

Goals/Tasks to be completed in FY 2017/18: Complete Design and Right of Way

Total Project Cost: \$13,484,718

Funding Status: Partially Funded

Funding Source: Federal, State and Local funding sources.

STATE HWY 1 CLIMBING LANE CARMEL VLY RD/RIO RD (Project No. 8690)

Project Description: Project is to widen northbound State Route 1 from Rio Rd to Carmel Valley Rd to accommodate an additional northbound lane (truck climbing lane). The proposed truck climbing lane will connect to the existing truck climbing lane north of Carmel Valley Rd. The project also includes constructing a second right-turn lane on westbound Rio Road onto northbound State Route 1.

Background/Justification: The operational improvements to State Route 1 between Rio Rd and Carmel Valley Rd are needed because the arterial Level of Service (LOS) on this roadway segment is currently LOS "F" (breakdown) on peak weekend hours and LOS "E" (deficient) during peak weekday hours. The purpose of the project is to improve the LOS on State Route 1.

Goals/Tasks to be completed in FY 2017/18: Complete construction

Total Project Cost: \$5,259,459

Funding Status: Fully Funded

Funding Source: State Transportation Improvement Program Funds, Regional Surface Transportation Program, Development Impact Fees

CIP ADMINISTRATION (Project No. 8813)

Project Description: Funds for administrative preparation, reviews and analysis of potential projects during the year and special requests initiated by the CAO or Board, as well as funding the extensive update and project validation of the County's Capital Improvement Program (CIP) Five-Year Plan.

Background/Justification: Funds for administrative preparation, reviews and analysis of potential projects during the year and special requests initiated by the CAO or Board, as well as funding the extensive update and project validation of the County's Capital Improvement Program (CIP) Five-Year Plan.

Goals/Tasks to be completed in FY 2017/18: Provide County departments and agencies with access to pre-planning services in advance of formalized requests presented in the CIP process.

Total Project Cost: \$520,493

Funding Status: Fully Funded

Funding Source: Fund 402

FACILITY UTILIZATION PROGRAM (Project No. 8813)

Project Description: Project master plans the movement of tenants to Schilling Place, the Administration Bldg, E/W Wing Renovation and the removal of modular buildings 1 to 4. In addition, this project sets up the following programs that will take place at or affect Schilling Place: cafeteria, gym, childcare center, public transit, and cost analysis of collapsed leases.

Background/Justification: Master planning and long-range planning on a higher level than specific projects must be done to understand the impact, optimization, and support required of future and existing capital improvement projects.

Goals/Tasks to be completed in FY 2017/18: Begin and complete construction of the E/W tenant improvements and move the District Attorney into the facility. Complete tenant improvements to the 2nd floor of the Administration Bldg and move the Public Defender in. Remove Modular #4.

Total Project Cost: \$1,012,948

Funding Status: Fully Funded

Funding Source: Fund 404

ENERGY EFFICIENCY MEASURES - PHASE 3 (Project No. PW 2014-03)

Project Description: This project is Phase 3 for meeting overall MCAP goals to reduce overall greenhouse gas emissions in a comprehensive manner over the course of five consecutive years. New Jail: Replace ACU-1 (10-ton capacity) and install Building Management System (BMS); Youth Center: Replace 4 packaged AC units (1 at 6 tons, 1 at 2 tons, and 2 at 4 tons) and install BMS; Animal Shelter: Replace propane fired hot water heaters (3 at 100 gallons each) with condensing units

Background/Justification: Comply with State of California Greenhouse Gas Reduction mandate AB32 and with 2010 General Plan policies to reduce the County's carbon footprint. Replace old/obsolete equipment and reduce maintenance and utility costs.

Goals/Tasks to be completed in FY 2017/18: Complete the procurement and installation of AC Units and BMS.

Total Project Cost: \$1,000,000

Funding Status: Fully Funded

Funding Source: Fund 401

ENERGY EFFICIENCY MEASURES - PHASE 4 (Project No. PW 2014-04)

Project Description: This project is Phase 4 for meeting overall MCAP goals to reduce overall greenhouse gas emissions in a comprehensive manner over the course of five consecutive years. Install Building Management System (BMS) at Probation Headquarters; Install HVAC Duct Work, replace AC Unit 1,3,5 & 6 and install BMS at Social Services in Seaside. If funding permits replace six HVAC units (2 at 8 tons, 1 at 5 tons, 1 at 6 tons, 1 at 10 tons, and 1 at 13 tons) at Agricultural Commission Building.

Background/Justification: Comply with State of California Greenhouse Gas Reduction mandate AB32 and with 2010 General plan policies to reduce the County's carbon footprint. Replace old/ obsolete equipment. Reduce maintenance and utility costs. The impact of not conducting this project would be a loss to the advancement of meeting Monterey Climate Action Plan (MCAP) goals with an increase in building utility costs.

Goals/Tasks to be completed in FY 2017/18: Complete scheduled projects in the Fiscal Year.

Total Project Cost: \$1,000,000

Funding Status: Fully Funded

Funding Source: Fund 401

COUNTY ROAD REHABILITATION/OVERLAY (Project No. PW 2016-01)

Project Description: FY18, Blanco Rd from Davis Rd to Reservation Rd; FY19, Gloria, Iverson, & Johnson Cyn roads; FY20, Fort Romie Rd from River Rd to Arroyo Seco Rd; FY21 Arroyo Seco Rd from Paraiso Springs Rd to Hwy 101, Jolon Rd 1 mi n/o Oasis Rd to 1 mi s/o Oasis Rd.

Background/Justification: Proposed project will extend pavement life of the roadways.

Goals/Tasks to be completed in FY 2017/18: Complete road rehabilitation/overlay for roads identified in FY 17/18.

Total Project Cost: \$16,335,000

Funding Status: Fully Funded

Funding Source: Transient Occupancy Tax (TOT)

HSIP GUARDRAIL REPLACEMENT PROJECT (Project No. PW 2017-08)

Project Description: Replace existing guardrail at various locations within Monterey County along Carmel Valley Road, Carpenteria Road, Outlook Drive, Laureles Grade, Old Stage Road, Reservation Road, and San Juan Road.

Background/Justification: Based on recent requests from the community and collision analyses, RMA-PW has reviewed several existing guardrails throughout the County and determined that these locations could benefit from upgrading the existing guardrail with new guardrail. The Department sought and was awarded grant funding for this project

Goals/Tasks to be completed in FY 2017/18: Prepare preliminary design plans

Total Project Cost: \$600,000

Funding Status: Fully Funded

Funding Source: Highway Safety Improvement Program

LAURELES GRADE RD AND CARMEL VALLEY RD ROUNDABOUT (Project No. 2017-09)

Project Description: Construct roundabout at intersection of Laureles Grade Rd and Carmel Valley Road

Background/Justification: A regional study conducted by TAMC identified this location as one where a roundabout is recommended. The regional study considered a signal as an alternative.

Goals/Tasks to be completed in FY 2017/18: Prepare preliminary design plans.

Total Project Cost: \$2,950,000

Funding Status: Partially Funded

Funding Source: Traffic Impact Fees

ROGGE ROAD INTERSECTION IMPROVEMENTS (Project No. PW 2017-10)

Project Description: Construct intersection improvements at Rogge Road and San Juan Road to address operational and safety concerns.

Background/Justification: The County has received numerous complaints from residents in the area about safety concerns resulting from the odd geometry of the location.

Goals/Tasks to be completed in FY 2017/18: Prepare preliminary design plans.

Total Project Cost: \$3,340,000

Funding Status: Partially Funded

Funding Source: Traffic Impact Fees

HSIP PEDESTRIAN BEACONS PROJECT (Project No. PW 2017-12)

Project Description: Install pedestrian activated overhead beacon and streetlights at Castroville Blvd and Elkhorn Rd and rapid rectangular flashing beacons at Rio Road and Via Nona Marie.

Background/Justification: Based on recent requests from the community and collision analyses, RMA-PW has determined that these locations could benefit from the installation of pedestrian beacons. The Department sought and was awarded grant funding for this project.

Goals/Tasks to be completed in FY 2017/18: Prepare preliminary design plans.

Total Project Cost: \$244,500

Funding Status: Fully Funded

Funding Source: Highway Safety Improvement Program

ADA IMPROVEMENTS PHASE 3 (Project No. PWF 2016-03)

Project Description: This project is scheduled for year three of the five-year program for Americans with Disabilities Act (ADA) improvements identified in a comprehensive ADA facility master plan. Phase 3's focus is on multiple County owned facilities.

Background/Justification: This is an ongoing program to upgrade existing County owned facilities to comply with Federal requirements.

Goals/Tasks to be completed in FY 2017/18: Complete design improvements at 1200 Aguajito Rd, Monterey.

Total Project Cost: \$200,000

Funding Status: Fully Funded

Funding Source: Fund 401

ADA IMPROVEMENTS PHASE 4 (Project No. PWF 2016-04)

Project Description: This project is scheduled for year four of the five-year program for Americans with Disabilities Act (ADA) improvements identified in a comprehensive ADA facility master plan. Phase four focus is on multiple County-owned facilities, including but not limited to Animal Services, 160 Hitchcock Road, Salinas, and Adult Detention Facility.

Background/Justification: This is an ongoing program to upgrade existing County owned facilities to comply with Federal requirements.

Goals/Tasks to be completed in FY 2017/18: Phase four focus is on multiple County-owned facilities, including but not limited to Animal Services, 160 Hitchcock Road, Salinas, and Adult Detention Facility.

Total Project Cost: \$200,000

Funding Status: Fully Funded

Funding Source: Fund 401

SHERIFF-CORONER**JAIL HOUSING ADDITION (Project No. 8819)**

Project Description: The project consists of a new addition to the existing Monterey County Adult Jail. The project consists of 576 new beds, dayroom, visiting room, program space, outdoor exercise area, central control room, and new administration office space. The cost estimate has been provided by the Design Consultant and verified by third party review.

Background/Justification: This project is ongoing. The new addition will relieve the high occupancy count, provide for classification of inmates into the proper housing type and improve office, staff, public, and inmate safety.

Goals/Tasks to be completed in FY 2017/18: Construction to continue in FY 17/18

Total Project Cost: \$88,900,000

Funding Status: Fully Funded

Funding Source: AB 900 State Conditional Award and Fund 404 (County Cash Match)

JAIL SECURITY IMPROVEMENTS (Project No. 8872)

Project Description: Replace the outdated, nonoperational camera surveillance system currently installed at the Monterey County Jail. Replace outdated, nonoperational door locking controls system currently installed at Monterey County Jail

Background/Justification: Replace the outdated, nonoperational camera surveillance system currently installed at the Monterey County Jail. Replace outdated, nonoperational door locking controls system currently installed at Monterey County Jail

Goals/Tasks to be completed in FY 2017/18: Construction of designed improvements is in progress. Project is expected to be completed in FY 17/18.

Total Project Cost: \$3,044,621

Funding Status: Fully Funded

Funding Source: Fund 402

Five-Year Capital Improvement Plan Summary

Monterey County, California
5-Year Capital Improvement Plan Summary
 '17/'18 thru '21/'22

PROJECTS BY DEPARTMENT AND CATEGORY

Category Department	Prior Yrs	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total	Future Yrs	Total	Funded	Unfunded
Fully Funded											
Agricultural Commissioner											
Facility Development - North County	0	1,300,876	0	0	0	0	1,300,876	0	1,300,876	1,300,876	0
Facility Improvements - Salinas Office	0	970,304	0	0	0	0	970,304	0	970,304	970,304	0
<i>Agricultural Commissioner Sub-Total:</i>	<i>0</i>	<i>2,271,180</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2,271,180</i>	<i>0</i>	<i>2,271,180</i>	<i>2,271,180</i>	<i>0</i>
Auditor-Controller											
ERP System Upgrades	11,923,979	6,161,567	0	0	0	0	6,161,567	0	18,085,546	18,364,367	0
<i>Auditor-Controller Sub-Total:</i>	<i>11,923,979</i>	<i>6,161,567</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>6,161,567</i>	<i>0</i>	<i>18,085,546</i>	<i>18,364,367</i>	<i>0</i>
District Attorney											
MCGC East & West Wings Renovation	8,796,923	29,085,514	1,048,406	0	0	0	30,133,920	0	38,930,843	38,930,843	0
<i>District Attorney Sub-Total:</i>	<i>8,796,923</i>	<i>29,085,514</i>	<i>1,048,406</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>30,133,920</i>	<i>0</i>	<i>38,930,843</i>	<i>38,930,843</i>	<i>0</i>
Natividad Medical Center											
GE Muse - Information Systems	0	371,225	0	0	0	0	371,225	0	371,225	371,225	0
OR Suite Buildout	0	0	0	8,000,000	0	0	8,000,000	0	8,000,000	8,000,000	0
Imprivata	0	202,000	0	0	0	0	202,000	0	202,000	202,000	0
Radiology Modernization	1,464,373	6,145,956	6,145,956	0	0	0	12,291,912	0	13,756,285	13,756,285	0
Nurse Call Replacement	0	1,350,000	0	0	0	0	1,350,000	0	1,350,000	1,350,000	0
Interior Design Upgrades - Building Wide	0	500,000	500,000	500,000	500,000	500,000	2,500,000	0	2,500,000	2,500,000	0
Meditech ORM	0	561,750	0	0	0	0	561,750	0	561,750	561,750	0
Building Construction Contingency	0	500,000	0	0	500,000	500,000	1,500,000	0	1,500,000	1,500,000	0

"Prior" Includes actuals through FY16 & projections for FY17

Category Department	Prior Yrs	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total	Future Yrs	Total	Funded	Unfunded
Vital Signs Interface (ICU)	0	579,000	0	0	0	0	579,000	0	579,000	579,000	0
Furniture for Patient Areas & Ergo Equipment	0	532,130	500,000	500,000	500,000	500,000	2,532,130	0	2,532,130	2,532,130	0
Expand Prox Card Access and Panic Switches	0	21,125	100,000	75,000	0	0	196,125	0	196,125	196,125	0
Security Cameras	0	17,969	190,000	100,000	0	0	307,969	0	307,969	307,969	0
Refresh of Med Surg and ICU	0	178,200	571,800	0	0	0	750,000	0	750,000	750,000	0
Pharmacy Remodel	0	1,200,000	0	0	0	0	1,200,000	0	1,200,000	1,200,000	0
Cisco VOIP Phone System	0	130,000	0	0	0	0	130,000	0	130,000	130,000	0
Mobile Strategy (Hardware/Software)	0	207,000	0	0	0	0	207,000	0	207,000	207,000	0
Emergency Department Expansion	0	0	0	0	0	25,000,000	25,000,000	0	25,000,000	25,000,000	0
Replacement of First Floor Flooring	0	187,500	0	1,000,000	0	0	1,187,500	0	1,187,500	1,187,500	0
Demolition of Old Hospital	0	0	0	0	0	17,160,000	17,160,000	0	17,160,000	17,160,000	0
BMC Client Manager (BCM)	0	124,000	0	0	0	0	124,000	0	124,000	124,000	0
Citrix/Horizon Migration- VMWARE	0	120,000	0	0	0	0	120,000	0	120,000	120,000	0
1200A 3-Pole Automatic Transfer Switch	0	27,500	0	0	190,000	0	217,500	0	217,500	217,500	0
Make Up Air Unit (MAU)	0	5,000	135,000	0	0	0	140,000	0	140,000	140,000	0
Fire Alarm Command Center Bld. 400	0	2,000	0	0	750,000	500,000	1,252,000	0	1,252,000	1,252,000	0
Fire Alarm Command Center Bld. 580	0	7,000	0	190,000	259,000	0	456,000	0	456,000	456,000	0
Building 200 Suite 101 NMG	0	0	2,225,000	0	0	0	2,225,000	0	2,225,000	2,225,000	0
Lobby Coffee Bar	0	0	125,000	0	0	0	125,000	0	125,000	125,000	0
Laboratory Remodel	0	75,000	600,000	0	0	0	675,000	0	675,000	675,000	0
SEA Conference Room	0	0	500,000	0	0	0	500,000	0	500,000	500,000	0
Natividad Conference Room	0	0	0	300,000	0	0	300,000	0	300,000	300,000	0
Elevator Upgrades	0	0	0	250,000	125,000	0	375,000	0	375,000	262,500	0
Exterior Paint Waterseal	0	0	0	10,000	400,000	0	410,000	0	410,000	410,000	0
Modular Building on Campus	0	0	575,000	0	0	0	575,000	0	575,000	575,000	0
Plumbing/ Sewer Re-pipe	0	0	0	150,000	0	0	150,000	0	150,000	150,000	0
Roof Repair/ Replace	0	0	0	0	0	500,000	500,000	0	500,000	500,000	0
<i>Natividad Medical Center Sub-Total:</i>	<i>1,464,373</i>	<i>13,044,355</i>	<i>12,167,756</i>	<i>11,075,000</i>	<i>3,224,000</i>	<i>44,660,000</i>	<i>84,171,111</i>	<i>0</i>	<i>85,635,484</i>	<i>85,522,984</i>	<i>0</i>
Probation											
Youth Center Roof Repairs	35,570	531,060	0	0	0	0	531,060	0	566,630	566,630	0

"Prior" Includes actuals through FY16 & projections for FY17

Category Department	Prior Yrs	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total	Future Yrs	Total	Funded	Unfunded
New Juvenile Hall	8,536,230	24,515,832	24,614,335	1,004,894	0	0	50,135,061	0	58,671,291	58,671,291	0
<i>Probation Sub-Total:</i>	<i>8,571,800</i>	<i>25,046,892</i>	<i>24,614,335</i>	<i>1,004,894</i>	<i>0</i>	<i>0</i>	<i>50,666,121</i>	<i>0</i>	<i>59,237,921</i>	<i>59,237,921</i>	<i>0</i>
RMA-Parks											
Laguna Seca Turn 6 Mitigation	0	600,000	0	0	0	0	600,000	0	600,000	600,000	0
Water Well Filtration System at Laguna Seca	0	230,000	0	0	0	0	230,000	0	230,000	230,000	0
<i>RMA-Parks Sub-Total:</i>	<i>0</i>	<i>830,000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>830,000</i>	<i>0</i>	<i>830,000</i>	<i>830,000</i>	<i>0</i>
RMA-Public Works & Facilities											
Blackie Road Safety Improvement Env Mitigation	0	240,000	0	0	0	0	240,000	0	240,000	240,000	0
State Highway 68 at Corral De Tierra Road	1,396,692	2,256,318	0	0	0	0	2,256,318	0	3,653,010	3,653,010	0
San Jon Rd & Boronda Rd Bridge Rail Replaceme	75,000	470,000	0	0	0	0	470,000	0	545,000	545,000	0
Jolon Rd Bridge Rail Replacement	75,000	320,000	0	0	0	0	320,000	0	395,000	395,000	0
BPMP (Methacrylate and Polyester Overlay)	181,373	2,502,061	0	0	0	0	2,502,061	0	2,683,434	2,683,434	0
Countywide Roadway Safety Signage/Striping Aud	379,900	2,842,300	0	0	0	0	2,842,300	0	3,222,200	3,222,200	0
Blackie Road Safety Improvements - Phase I	1,582,127	1,896	0	0	0	0	1,896	0	1,584,023	1,584,023	0
Blackie Road Safety Improvements - Phase II	1,565,937	1,895	0	0	0	0	1,895	0	1,567,832	1,567,832	0
Blanco Road Overlay	104,226	3,000,000	0	0	0	0	3,000,000	0	3,104,226	3,104,226	0
Nacimiento Lake Drive Bridge No. 449 Replaceme	2,088,792	556,451	5,482,415	0	0	0	6,038,866	0	8,127,658	8,127,658	0
Annual Seal Coat Program	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	0	10,000,000	10,000,000	0
Schulte Road Bridge #501	6,435,730	5,600	5,831	0	0	0	11,431	0	6,447,161	6,447,161	0
Robinson Canyon Rd Bridge Scour Repair	478,139	248,321	676,666	0	0	0	924,987	0	1,403,126	1,403,126	0
Bradley Road Bridge Scour Repair	445,621	488,804	984,889	0	0	0	1,473,693	0	1,919,314	1,919,314	0
Gonzales River Rd Bridge Superstructure Replace	840,526	522,224	5,516,118	5,326,110	0	0	11,364,452	0	12,204,978	12,204,978	0
Hartnell Road Bridge Replacement	518,887	2,478,267	0	0	0	0	2,478,267	0	2,997,154	2,997,154	0
Unscheduled Repairs	0	800,000	0	0	0	0	800,000	0	800,000	800,000	0
Facility Security Assessments	0	120,276	0	0	0	0	120,276	0	120,276	120,276	0
Cayetano Park Improvements	172,397	83,828	0	0	0	0	83,828	0	256,225	256,225	0
Scheduled Repairs	0	1,537,500	0	0	0	0	1,537,500	0	1,537,500	1,537,500	0
Castroville Railroad Bicycle/Pedestrian Crossing	8,102,574	2,102,872	0	0	0	0	2,102,872	0	10,205,446	10,205,446	0
Moss Landing Underground Utility District 20A	379,510	39,839	0	0	0	0	39,839	0	419,349	419,349	0

"Prior" Includes actuals through FY16 & projections for FY17

Category	Prior Yrs	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total	Future Yrs	Total	Funded	Unfunded
Department											
State Hwy 1 Climbing Lane Carmel Vly Rd/Rio Rd	1,089,761	4,169,698	0	0	0	0	4,169,698	0	5,259,459	5,259,459	0
CIP Administration	0	520,493	0	0	0	0	520,493	0	520,493	520,493	0
Facility Utilization Program	831,507	101,441	80,000	0	0	0	181,441	0	1,012,948	1,012,948	0
Energy Efficiency Measures - Phase 3	809,648	190,352	0	0	0	0	190,352	0	1,000,000	1,000,000	0
Energy Efficiency Measures - Phase 4	0	1,000,000	0	0	0	0	1,000,000	0	1,000,000	1,000,000	0
County Road Rehabilitation/Overlay	3,727,000	0	3,152,000	3,152,000	3,152,000	3,152,000	12,608,000	0	16,335,000	16,335,000	0
HSIP Guardrail Replacement Project	0	600,000	0	0	0	0	600,000	0	600,000	600,000	0
HSIP Pedestrian Beacons Project	0	244,500	0	0	0	0	244,500	0	244,500	244,500	0
ADA Improvements Phase 3	0	200,000	0	0	0	0	200,000	0	200,000	200,000	0
ADA Improvements Phase 4	0	200,000	0	0	0	0	200,000	0	200,000	200,000	0
RMA-Public Works & Facilities Sub-Total:	31,280,347	29,844,936	17,897,919	10,478,110	5,152,000	5,152,000	68,524,965	0	99,805,312	99,805,312	0
Sheriff-Coroner											
Jail Housing Addition	15,577,531	49,234,103	23,657,142	431,224	0	0	73,322,469	0	88,900,000	88,900,000	0
Jail Security Improvements	944,718	2,099,903	0	0	0	0	2,099,903	0	3,044,621	3,044,621	0
Sheriff-Coroner Sub-Total:	16,522,249	51,334,006	23,657,142	431,224	0	0	75,422,372	0	91,944,621	91,944,621	0
Fully Funded Sub-Total:	78,559,671	157,618,450	79,385,558	22,989,228	8,376,000	49,812,000	318,181,236	0	396,740,907	396,907,228	0
Partially Funded											
Agricultural Commissioner											
South County Facility Development	211,664	231,829	4,050,000	0	0	0	4,281,829	0	4,493,493	795,330	3,698,163
Agricultural Commissioner Sub-Total:	211,664	231,829	4,050,000	0	0	0	4,281,829	0	4,493,493	795,330	3,698,163
Elections											
Vote by Mail Sorting System	0	401,957	0	0	0	0	401,957	0	401,957	346,370	55,587
Elections Sub-Total:	0	401,957	0	0	0	0	401,957	0	401,957	346,370	55,587
Health											
Relocation & Expansion of Alisal Family Health Ctr	138,000	150,000	10,140,000	7,367,000	0	0	17,657,000	0	17,795,000	1,498,000	16,297,000
Behavioral Health Center - East Salinas	0	150,000	10,140,000	7,367,000	0	0	17,657,000	0	17,657,000	1,360,000	16,297,000

"Prior" Includes actuals through FY16 & projections for FY17

Category Department	Prior Yrs	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total	Future Yrs	Total	Funded	Unfunded
<i>Health Sub-Total:</i>	<i>138,000</i>	<i>300,000</i>	<i>20,280,000</i>	<i>14,734,000</i>	<i>0</i>	<i>0</i>	<i>35,314,000</i>	<i>0</i>	<i>35,452,000</i>	<i>2,858,000</i>	<i>32,594,000</i>
Natividad Medical Center											
Business Continuity Data Center	0	309,000	75,000	50,000	0	0	434,000	0	434,000	309,000	125,000
General IT Equipment Replacement	0	360,150	200,000	200,000	200,000	200,000	1,160,150	0	1,160,150	360,150	800,000
Information and Security Compliance	0	125,000	100,000	150,000	100,000	125,000	600,000	0	600,000	125,000	475,000
IT Infrastructure	0	187,600	300,000	263,000	868,000	750,000	2,368,600	0	2,368,600	187,600	2,181,000
Workstations on Wheels (WOWs)	0	112,500	280,000	50,000	0	0	442,500	0	442,500	112,500	330,000
<i>Natividad Medical Center Sub-Total:</i>	<i>0</i>	<i>1,094,250</i>	<i>955,000</i>	<i>713,000</i>	<i>1,168,000</i>	<i>1,075,000</i>	<i>5,005,250</i>	<i>0</i>	<i>5,005,250</i>	<i>1,094,250</i>	<i>3,911,000</i>
RMA-Land Use & Community Dev											
Carmel River Floodplain Restoration (CRFREE)	1,335,918	320,780	11,088,631	13,148,747	0	0	24,558,158	0	25,894,076	12,682,916	13,211,160
Carmel Lagoon Scenic Road Protection Structure	1,233,731	100,000	1,331,775	15,237,586	0	0	16,669,361	0	17,903,092	1,333,731	16,569,361
<i>MA-Land Use & Community Dev Sub-Total:</i>	<i>2,569,649</i>	<i>420,780</i>	<i>12,420,406</i>	<i>28,386,333</i>	<i>0</i>	<i>0</i>	<i>41,227,519</i>	<i>0</i>	<i>43,797,168</i>	<i>14,016,647</i>	<i>29,780,521</i>
RMA-Parks											
Laguna Seca Drinking Water Distribution System	0	120,000	147,000	0	0	0	267,000	0	267,000	190,000	77,000
Laguna Seca Sewer Facility Improvements	28,580	1,000,000	2,069,991	0	0	0	3,069,991	0	3,098,571	1,028,580	2,069,991
<i>RMA-Parks Sub-Total:</i>	<i>28,580</i>	<i>1,120,000</i>	<i>2,216,991</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>3,336,991</i>	<i>0</i>	<i>3,365,571</i>	<i>1,218,580</i>	<i>2,146,991</i>
RMA-Public Works & Facilities											
Davis Road Bridge Replacement and Road Wideni	3,803,535	4,635,000	24,390,000	22,925,000	3,053,663	0	55,003,663	0	58,807,198	54,506,110	4,301,088
Johnson Road Bridge Replacement	489,711	300,949	47,041	3,360,934	0	0	3,708,924	0	4,198,635	4,176,164	22,471
Monterey Bay Sanctuary Scenic Trail-Moss Landin	2,617,669	492,531	5,445,456	4,929,062	0	0	10,867,049	0	13,484,718	4,610,200	8,874,518
Laureles Grade Rd and Carmel Valley Rd Rounda	0	600,000	150,000	500,000	1,700,000	0	2,950,000	0	2,950,000	2,450,000	500,000
Rogge Road Intersection Improvements	0	50,000	600,000	400,000	0	2,290,000	3,340,000	0	3,340,000	50,000	3,290,000
<i>RMA-Public Works & Facilities Sub-Total:</i>	<i>6,910,915</i>	<i>6,078,480</i>	<i>30,632,497</i>	<i>32,114,996</i>	<i>4,753,663</i>	<i>2,290,000</i>	<i>75,869,636</i>	<i>0</i>	<i>82,780,551</i>	<i>65,792,474</i>	<i>16,988,077</i>
Partially Funded Sub-Total:	9,858,808	9,647,296	70,554,894	75,948,329	5,921,663	3,365,000	165,437,182	0	175,295,990	86,121,651	89,174,339

"Prior" Includes actuals through FY16 & projections for FY17

Category		Prior Yrs	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total	Future Yrs	Total	Funded	Unfunded
Department												
GRAND TOTAL		88,418,479	167,265,746	149,940,452	98,937,557	14,297,663	53,177,000	483,618,418	0	572,036,897	483,028,879	89,174,339

"Prior" Includes actuals through FY16 & projections for FY17

Fully/Partially Funded Project Sheets

Agricultural Commissioner

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2017-NC
Project Name Facility Development - North County

Type Building
Useful Life 50 Years
Category Fully Funded
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department Agricultural Commissioner
Contact B. Roach - 759-7379
Priority 5-Desirable, Not Critical
Project Status Fully Funded
Dept Priority 2
Status Active

Description **Total Project Cost:** \$1,300,876

Planning and development of a Facility to serve the Agricultural Commissioner's operational needs in North County.

Justification

The North County branch office in Pajaro is in a leased facility. A County-owned facility has become available at 29-A Bishop Street. The building requires improvements and alterations to serve as a permanent office for North County operations. Alternative is to continue leasing current space. Lease must be renewed. Little to no other commercial space is available in the Pajaro area. Loss of an office in this area would severely affect operations and customer service.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	140,000					140,000
Right of Way/Utilities	43,800					43,800
Construction	440,000					440,000
Other	110,000					110,000
Furniture Fixtures & Equipment	145,000					145,000
Contingency	422,076					422,076
Total	1,300,876					1,300,876

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
JV Transfer IET-2810-01667 (6/23/10)	125,000					125,000
JV Transfer IET-2810-01799	500,000					500,000
JV Transfer IET-2810-03773 (6/14/11)	341,771					341,771
JV Transfer IET-2810-04328 (8/24/11)	334,105					334,105
Total	1,300,876					1,300,876

Budget Impact/Other

Approximately \$2.9 million is available in the Ag Commissioner Facility Development Project fund. The annual Operations and Maintenance Impact to the County is being evaluated.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2017-S
Project Name Facility Improvements - Salinas Office

Type Building
Useful Life 50 Years
Category Fully Funded
Provider Architectural Services
Cost Accuracy Program Estimate +/- 35%

Department Agricultural Commissioner
Contact B. Roach - 759-7379
Priority 5-Desirable, Not Critical
Project Status Fully Funded
Dept Priority 1
Status Active

Description **Total Project Cost:** \$970,304

To meet future operational needs, remodel main office to accommodate additional work stations and offices within existing footprint.

Justification

Relocation of staff from the South County office and additional future workload demands require the addition of up to 8 workstations and two offices at the main office. Project will also allow for better functional organization of the office. Project will better utilize existing space and allow full staffing to meet program needs and anticipated new workloads; allows organization of staff by functional units.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	63,500					63,500
Construction Management	35,369					35,369
Construction	355,300					355,300
Other	65,000					65,000
Furniture Fixtures & Equipment	92,000					92,000
Contingency	359,135					359,135
Total	970,304					970,304

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
JV Transfer IET-2810-06233 (8/12/12)	120,758					120,758
JV Transfer IET-2810-07798 (8/24/13)	416,694					416,694
JV Transfer IET-2810-09641 (8/14/14)	432,852					432,852
Total	970,304					970,304

Budget Impact/Other

Approximately \$2.9 million is available in the Ag Commissioner Facility Development Project fund. The annual Operations and Maintenance Impact to the County is negligible.

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 2017-SC
Project Name South County Facility Development

Type Building
Useful Life 50 Years
Category Partially Funded
Provider Architectural Services
Cost Accuracy Program Estimate +/- 35%

Department Agricultural Commissioner
Contact B. Roach - 759-7379
Priority 5-Desirable, Not Critical
Project Status Partially Funded
Dept Priority 3
Status Active

Description **Total Project Cost:** \$4,493,493

Develop Agricultural Commissioner facilities at existing Public Works Greenfield Yard located 41801 East Elm Avenue in Greenfield to meet Agricultural Commissioner South County operational needs. The new facilities will be designed to maximize energy efficiency for approximately 5000 square feet of facilities including a small office, meeting room and storage space.

Justification

Pre-Construction due diligence activities including a Phase I Environmental Site Assessment and real estate market analysis have revealed that the existing King City site is no longer suitable in the long term for the Agricultural Commissioner. The existing Public Works Greenfield Yard can accommodate Agricultural Commissioner operational needs alongside Public Works operations.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
211,664	Design/Environmental	231,829					231,829
Total	Construction Management		500,000				500,000
	Construction		2,500,000				2,500,000
	Furniture Fixtures & Equipment		175,000				175,000
	Contingency		875,000				875,000
	Total	231,829	4,050,000				4,281,829

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
211,664	Ag Comm JV Transfer	231,829	351,837				583,666
Total	Unfunded		3,698,163				3,698,163
	Total	231,829	4,050,000				4,281,829

Budget Impact/Other

Approximately \$2.9 million is available in the Ag Commissioner Facility Development Project fund. The annual Operations and Maintenance Impact to the County is being evaluated.

Auditor-Controller

5-Year Capital Improvement Plan

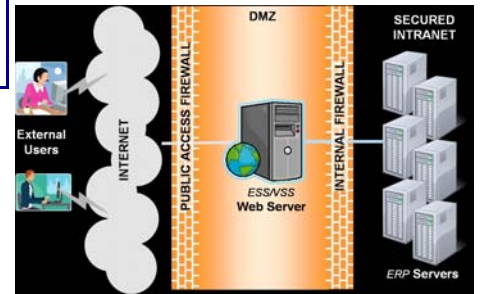
'17/'18 thru '21/'22

Monterey County, California

Project # AC 2014-1
Project Name ERP System Upgrades

Type Other
Useful Life 5 Years
Category Fully Funded
Provider CGI-Software/IBM - Servers
Cost Accuracy Budget Estimate +/- 10%

Department Auditor-Controller
Contact C. Martinez x5021
Priority 4-Fiscal Impact
Project Status Fully Funded
Dept Priority N/A
Status Active



Description **Total Project Cost:** \$18,085,546

Upgrade of Performance Budgeting, Advantage Financial, SymPro Debt Management and Investment, and Advantage Human Resources Management systems from version (v) 3.7 to v3.10. The upgrade will include the Dashboard component. Monterey County is one of the last four local agencies on v3.7 and must upgrade due to hardware and software enhancements in the computer industry that will leave the County ERP without vendor support.

Justification

CGI Technologies (CGI) Advantage ERP System runs on v3.7 software and hardware installed in 2008. The software and hardware have reached end-of-life and will no longer be supported. Furthermore, Microsoft Corporation has announced that Microsoft Server 2003 would not be supported after July 1, 2015; Adobe Central Pro is no longer supported after July 2016. As such, it is imperative that the County upgrade Advantage ERP Systems to v3.10. The estimated cost to upgrade to v3.10 is \$18 million, which includes funding for software, hardware, CGI staff and County staff.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
11,923,979	Other	6,161,567					6,161,567
Total	Total	6,161,567					6,161,567

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
7,421,390	County Dept Contribution	10,942,977					10,942,977
Total	Total	10,942,977					10,942,977

Budget Impact/Other

Funding is provided by County department contributions. ERP is the system of record for the County which includes Advantage Performance Budget, Advantage Financial, Advantage HRM (including Payroll), Sympro Debt and Investment and Convey Tax Support. The ERP upgrade is an active and ongoing project, scheduled to be completed by the end of Fiscal Year 17/18.

Prior	Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,600,000	Maintenance	950,000	950,000	950,000	950,000		3,800,000
Total	Total	950,000	950,000	950,000	950,000		3,800,000

District Attorney

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 8864
Project Name MCGC East & West Wings Renovation



Type Building
Useful Life 50 Years
Category Fully Funded
Provider PW: Fleet
Cost Accuracy Program Estimate +/- 35%

Department District Attorney
Contact J. Jeska-755-8964
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority 2
Status Active

Description **Total Project Cost:** \$38,930,843

Complete renovation of the buildings which includes stripping the building down to the concrete frame to allow for new interior partitions, doors/windows, restrooms, roof, and all building systems to be re-built. All historic interior elements will be preserved and re-installed. The exterior will be cleaned. Site improvements to the courtyard and surrounding streetscape will be done bringing the site into ADA compliance. Upon completion and occupancy, the modular buildings on the North lawn of the Government Center will be removed and the area returned to a park-like setting.

Justification

The building is a major historical asset in the County's real-estate portfolio that must be preserved. The valuable square footage in direct adjacency to the court system must be utilized to not only serve the public but also accomplish the long-range goal of master planning the Government Center Campus.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
8,796,923	Design/Environmental	1,098,344	335,000				1,433,344
	Construction Management	380,142	100,000				480,142
	Construction	22,808,577	550,000				23,358,577
	Other	2,300,369	63,406				2,363,775
	Furniture Fixtures & Equipment	2,498,082					2,498,082
	Total	29,085,514	1,048,406				30,133,920

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
8,797,923	Fund 401	135,000	35,000				170,000
	Fund 404 (Cop's)	28,949,514	1,013,406				29,962,920
	Total	29,084,514	1,048,406				30,132,920

Budget Impact/Other

The costs to occupy this facility will be comparable to the costs incurred by the Departments relocating to this facility from other locations. The cost, therefore, should be negligible. The cost to provide a service contract for this elevator will be necessary, along with the cost to maintain the courtyard landscaping/grounds.

Elections

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # E-2017-01
Project Name Vote by Mail Sorting System

Type Equipment
Useful Life
Category Partially Funded
Provider
Cost Accuracy Capped-0%
Department Elections
Contact Bella Lesik x 1491
Priority n/a
Project Status Partially Funded
Dept Priority 1
Status Active

Description **Total Project Cost:** \$401,957

Purchase of a Vote by Mail Sorting system that will streamline operations by combining and automating several personnel functions while improving efficiency by a factor of 200. Currently, Elections uses an Opex letter opener and temporary staffing to manually process 30 vote by mail ballots per man hour. The envelope opener is ten years old and must be constantly serviced to maintain relative reliability in handling election mail volume. Temporary staff must be trained each election in manual sorting, signature verification and reissuing spoiled ballots. The new system can handle all these functions at a rate of 5,000 to 18,000 ballots an hour.

Justification

Voters prefer voting by mail rather than at a polling locations, which has increased by a multiple of 60 the number of ballots that must be processed after Election Day from fifteen years ago. The purchase of a sorter would replace a machine that could fail during any election, automate and combine manual processes, and improve efficiency. This equipment will safeguard the County's ability to process ballots in a timely fashion thus complying with Federal and State mandates while reducing personnel costs. It is an investment in the current and future administration of elections as laws shift the model to all mail elections.

Currently 68% of voters choose to receive vote by mail ballots. Typically up to 87% of vote by mail voters return their ballot in a presidential election. This equipment will enable Elections to process more ballots on election night and reduce the number of days and staff hours to provide post-election results. It interfaces with existing records management software, while reducing costs that would otherwise be associated with records retention.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment	401,957					401,957
Total	401,957					401,957

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
HAVA 301 Grant	326,196					326,196
Restricted Revenue Fund	20,174					20,174
Unfunded	55,587					55,587
Total	401,957					401,957

Budget Impact/Other

The department received Help America Vote Act grant funds to replace voting systems in 2007 of which \$326,196.39 remains. Additionally, a restricted revenue fund that originated from the transfer sale of equipment to Santa Cruz County will provide \$20,174.11. Staffing and records retention cost savings will offset ongoing maintenance costs.

Health

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 0901
Project Name Relocation & Expansion of Alisal Family Health Ctr



Type Building
Useful Life 20 Years
Category Partially Funded
Provider TBD
Cost Accuracy Program Estimate +/- 35%

Department Health
Contact C. Le Venton - 755-4513
Priority 1-Critical Health & Safety
Project Status Partially Funded
Dept Priority 1
Status Active

Description **Total Project Cost:** \$17,795,000

Relocate and expand Alisal Health Center to a new, yet to be determined, site in East Salinas. Costs to the Bureau are new equipment, rent, tenant improvements, relocation, and increases in operational costs due to increased size that will be offset by FQHC revenues.

Justification

The Current Clinic a 559 E. Alisal is not large enough to provide adequate health care to East Salinas. The Shortage of exam rooms equate to longer wait time for patients seeking acute medical care. This Project has been a high priority since 2009. the current lease expires in 2020.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
138,000	Design/Environmental	150,000	1,650,000				1,800,000
	Right of Way/Utilities		90,000				90,000
	Construction Management		2,400,000	1,017,000			3,417,000
	Construction		6,000,000	3,390,000			9,390,000
	Other			680,000			680,000
	Furniture Fixtures & Equipment			630,000			630,000
	Contingency			1,650,000			1,650,000
	Total	150,000	10,140,000	7,367,000			17,657,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
138,000	Alliance Development Grant	150,000					150,000
	Fee for Service Revenues		605,000	605,000			1,210,000
	Unfunded		9,535,000	6,762,000			16,297,000
	Total	150,000	10,140,000	7,367,000			17,657,000

Budget Impact/Other

Funding for this project is provided from fee for services. The Alliance also may fund certain portions of the project. For the unfunded portion, the Health Department is seeking grant funding or other partnerships to complete the project. The on going cost would be those that are usually attributed to the provision of health care and maintaining the building.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance	75,000	75,000	75,000	75,000	75,000	375,000
Other	510,000	515,000	520,000	520,000	520,000	2,585,000
Personnel	500,000	510,000	515,000	515,000	515,000	2,555,000
Utilities	25,000	28,000	30,000	30,000	30,000	143,000
Total	1,110,000	1,128,000	1,140,000	1,140,000	1,140,000	5,658,000

"Prior" Includes actuals through FY16 & projections for FY17

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1701
Project Name Behavioral Health Center - East Salinas

Type Building **Department** Health
Useful Life 20 Years **Contact** C. Le Venton - 755-4513
Category Partially Funded **Priority** n/a
Provider TBD **Project Status** Partially Funded
Cost Accuracy Program Estimate +/- 35% **Dept Priority** 2
Status Active

Description **Total Project Cost:** \$17,657,000

Construction or Renovation of a building of approximately 18,000 sq ft with 32 Interview rooms and related offices or areas to provide Behavioral Health services to the public in East Salinas.

Justification

Behavioral Health programs continue to expand annually. Behavioral Health is short approximately 60 work stations and interview rooms. Currently we do not have Behavioral Health Services located in East Salinas. It is an underserved area that is impacted by lack of a walk- to service location. This building would accommodate both expanding services and the relocation of existing programs that serve East Salinas.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	150,000	1,650,000				1,800,000
Right of Way/Utilities		90,000				90,000
Construction Management		900,000	1,017,000			1,917,000
Construction		6,000,000	3,390,000			9,390,000
Other			680,000			680,000
Furniture Fixtures & Equipment			630,000			630,000
Contingency		1,500,000	1,650,000			3,150,000
Total	150,000	10,140,000	7,367,000			17,657,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Alliance Development Grant	150,000					150,000
Fee for Service Revenues		605,000	605,000			1,210,000
Unfunded		9,535,000	6,762,000			16,297,000
Total	150,000	10,140,000	7,367,000			17,657,000

Budget Impact/Other

The on going cost would be those that are usually attributed to the provision of health care and mainting the building. Funding for this project is provided from fee for services and the MHSA fund. For the unfunded portion the Health Department is seeking grant funding and/or other partnerships to complete the project.

Natividad Medical Center

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B15-2015-248
Project Name Business Continuity Data Center



Type Equipment
Useful Life 20 Years
Category Partially Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Ari Entin/ 831-783-2564
Priority 1-Critical Health & Safety
Project Status Partially Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$434,000

This capital expense area is related to NMC's disaster recovery and business continuity data center located in Colorado. Purchases are for planned refreshes of end-of-life equipment and to expand our current systems based on our systems criticality and risk analysis.

Justification

Capital purchases are needed to expand our disaster recovery systems to provide for ongoing IT operations for critical applications in event of disaster. Additional hardware and software are needed. We also need to refresh obsolete equipment to keep the data center available in event of disaster.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment	309,000	75,000	50,000			434,000
Total	309,000	75,000	50,000			434,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	309,000					309,000
Unfunded		75,000	50,000			125,000
Total	309,000	75,000	50,000			434,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B15-2016-057
Project Name GE Muse - Information Systems



Type Other
Useful Life 10 Years
Category Fully Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Dr Chad Harris / 831-783-2875
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$371,225

GE MUSE is a software used by Cardiology to integrate and view Cardiology images and information electronically. The scope of this project includes the GE MUSE software and new and upgrades to Cardiology department hardware (such as Treadmill, computers, etc) to properly track and integrate the patient's cardiac images and information electronically.

Justification

Currently EKGs/ECGs are on paper and this automation is needed for efficiency and patient safety. Paper also does not allow remote access/viewing of the EKG/ECGs.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	371,225					371,225
Total	371,225					371,225

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fully Funded by Dept.	371,225					371,225
Total	371,225					371,225

Budget Impact/Other

There will be support and maintenance costs for the new system which include any future software upgrades needed as well. These costs will be budgeted as part of the NMC's Operational Expenses

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-018
Project Name OR Suite Buildout

Type Building
Useful Life 30 Years
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Engineer's Estimate +/- 5%
Department Natividad Medical Center
Contact B. Griffin - 783-2605
Priority n/a
Project Status Fully Funded
Dept Priority
Status Active



Description **Total Project Cost:** \$8,000,000

This project will allow NMC to build an additional inpatient Operating Room.

Justification

NMC's volume of surgery has been steadily increasing over the past few years, and recognizes the need to expand capacity in the future. The operating room buildout will add the ability to perform complex vascular surgeries. With the increased trauma volume there is a need to provide cardiovascular surgeries. With the new OR hybrid surgery suite Natividad Medical Center will have the ability to perform complex vascular surgeries and have a higher level of surgical services.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			800,000			800,000
Construction			7,200,000			7,200,000
Total			8,000,000			8,000,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC			8,000,000			8,000,000
Total			8,000,000			8,000,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-044

Project Name Imprivata



Type Other

Department Natividad Medical Center

Useful Life 10 Years

Contact Ari Entin/ 831-783-2564

Category Fully Funded

Priority 1-Critical Health & Safety

Provider TBD

Project Status Fully Funded

Cost Accuracy Budget Estimate +/- 10%

Dept Priority N/A

Status Active

Description

Total Project Cost: \$202,000

Single Sign on Application for all the clinicians and Natividad personnel that login to multiple computer systems. Can badge in with a swipe of badge which logs user in to needed system. It is for security and convenience.

Justification

Efficiency for clinicians. NMC staff login to multiple systems throughout the day, each which can have different passwords and login. Imprivata/single sign on greatly reduces login time and the need to reset and support users with forgotten logins and passwords.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	202,000					202,000
Total	202,000					202,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fully Funded by Dept.	202,000					202,000
Total	202,000					202,000

Budget Impact/Other

Support and Maintenance included as part of the purchase of the Imprivata software. Future support and maintenance will be budgeted as part of NMC's operational expenses.

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B16-2016-059
Project Name Radiology Modernization



Type Building
Useful Life 30 Years
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Preliminary Estimate +/- 20%
Department Natividad Medical Center
Contact B. Griffin - 783-2605
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost: \$13,756,285**

NMC's Diagnostic Imaging Department requires a complete remodel and modernization. This project includes a replacement of outdated, obsolescent medical equipment, such as CT and MRI. This project will also allow for a new Angiography suite which will allow for us to perform Interventional Radiology.

Justification

In order for NMC to upgrade outdated equipment, the Diagnostic Imaging space needs to be redesigned to accommodate the new technology. In 2013 NMC replaced all of the X-Ray equipment and this project was considered the first phase of a larger project to modernize the Diagnostic Imaging Department. With the new Trauma 2 designation the facility needs to redesign the radiology department to provide services within the hospital for the new service line. There is obsolete medical equipment, such as Computer Tomography (CT) and Magnetic Resonance Imaging (MRI). The new radiology department will incorporate a new Angiography suite and remodel various other service lines within the department.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,464,373	Construction	6,145,956	6,145,956				12,291,912
Total	Total	6,145,956	6,145,956				12,291,912

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,464,373	NMC	6,145,956	6,145,956				12,291,912
Total	Total	6,145,956	6,145,956				12,291,912

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-066
Project Name Nurse Call Replacement

Type Building
Useful Life 15 Years
Category Fully Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact B. Griffin - 783-2605
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active



Description **Total Project Cost:** \$1,350,000

This project will allow for current nurse call technology at NMC. NMC intends to provide and use two way devices that are text capable to receive alerts from the nurse call system along with the computer workstations in each unit.

Justification

NMC's nurse call system, a Fischer Berkley system, was put into service in 1998. The current system does not have upgrades available to interface with the computer or other communication devices, such as pagers and phones.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction	1,350,000					1,350,000
Total	1,350,000					1,350,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	1,350,000					1,350,000
Total	1,350,000					1,350,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-069
Project Name Interior Design Upgrades - Building Wide



Type Building
Useful Life 40 Years
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact B.Griffin - 783-2605
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$2,500,000

Upgrade to the hospital interior design.

Justification

This is a year after year fund to improve the finishes within the hospital. Wear and tear on flooring, furniture and wall coverings become dilapidated and need to be replaced, repaired and updated.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B16-2016-070
Project Name Meditech ORM

Type Software
Useful Life 10 Years
Category Fully Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact C. Harris - 783-2785
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active



Description

Total Project Cost: \$561,750

The ORM (Operating Room Management) module from MEDITECH (NMC's Electronic Health Record system) allows the documentation of surgeries to be captured in the same system as all the other patient electronic documentation. In addition to documentation, ORM integrates with the MEDITECH Modules of MM (Materials Management) and B/AR (Billing/Accounts Receivable) to allow for inventory tracking and billing for surgeries. This is mostly a manual process today and automating the tracking and billing of OR materials will increase efficiency and revenue as OR supplies and surgeries will be able to be electronically captured and billed.

Justification

This project is a twelve month project that is scheduled for implementation/go live in Spring of 2017. This was determined based on resources and the need to get the new system up and running.
 This system will improve quality, safety, workflow and revenue capture and is required to meet regulatory mandates and reporting.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	561,750					561,750
Total	561,750					561,750

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	561,750					561,750
Total	561,750					561,750

Budget Impact/Other

There will be an ongoing maintenance and support for the new ORM module. This will be budgeted and included with the support for all NMC's Meditech modules and software that is currently being used

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-080
Project Name Building Construction Contingency



Type Building
Useful Life 40 Years
Category Fully Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact B.Griffin - 783-2605
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$1,500,000

Building Construction Contingency

Justification

Capital funding that is not assigned to any particular project. The funding will be augmented to any capital projects that is short of funds due to unexpected or unforeseen conditions.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction	500,000			500,000	500,000	1,500,000
Total	500,000			500,000	500,000	1,500,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	500,000			500,000	500,000	1,500,000
Total	500,000			500,000	500,000	1,500,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-082
Project Name Vital Signs Interface (ICU)



Type Software
Useful Life 5 Years
Category Fully Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact C. Harris - 783-2785
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$579,000

Vital Signs Interface will allow for the automatic uploading and tracking of a patient's vital sign information at the bedside directly into the patient's Natividad's Electronic Health Record (EHR). This will be automated throughout different departments in the hospital starting with the Emergency Department (ED), Intensive Care Unit (ICU), Intermediate Medical Care (IMCU) and the Post Anesthesia Care Unit (PACU)

Justification

This project offers better patient care and tracking of patient data and is in line with NMC's strategic organizational goals by offering the following benefits:

- Decrease the amount of time needed for complete accurate documentation of patient vital signs, hemodynamic data, and ventilator data into the patient's electronic medical record (EMR).

Drastically decreases the margin for transcription errors from manual entry of multiple patient vital sign data.

Decreases nursing charting time allowing nursing staff more time for direct patient care.

Provides real-time vital sign information to the clinicians.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	579,000					579,000
Total	579,000					579,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	579,000					579,000
Total	579,000					579,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-084
Project Name Furniture for Patient Areas & Ergo Equipment



Type Equipment
Useful Life 10 Years
Category Fully Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact Brian Griffin 783-2605
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$2,532,130

Replace and upgrade end of life equipment throughout NMC

Justification

This is a year after year fund to improve equipment and furniture within the hospital. As furniture and equipment comes to end of life the, reliability declines rapidly. This project provides replacement furniture and equipment as needed.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	532,130	500,000	500,000	500,000	500,000	2,532,130
Total	532,130	500,000	500,000	500,000	500,000	2,532,130

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	532,130	500,000	500,000	500,000	500,000	2,532,130
Total	532,130	500,000	500,000	500,000	500,000	2,532,130

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-086
Project Name Expand Prox Card Access and Panic Switches

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Jeffrey Cleek (831) 783-2614
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$196,125

Access control upgrade, hardware, software, and expansion of system to include all exterior doors.

Justification

Access control system software is 4 versions behind current platform, this is limiting expansion capabilities as well as security risks due to the version of the software is no longer supported. Once system is upgraded doors can be added as well as other features such as single button lockdown in the event of an emergency.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	21,125	100,000	75,000			196,125
Total	21,125	100,000	75,000			196,125

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	21,125	100,000	75,000			196,125
Total	21,125	100,000	75,000			196,125

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B16-2016-087
Project Name Security Cameras

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Jeffrey Cleek (831) 783-2614
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$307,969

Replace broken and low resolution security cameras.

Justification

The Security System is need of a major upgrade some of the system is approaching 20 years old, most cameras are so low resolution that no features can be made out on review. Preventing NMC to provide descriptions of subjects when an incident happens. This can be equated to what a TV screen looked like 20 years ago and High Definition TV of today.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	17,969	190,000	100,000			307,969
Total	17,969	190,000	100,000			307,969

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	17,969	190,000	100,000			307,969
Total	17,969	190,000	100,000			307,969

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-096
Project Name Refresh of Med Surg and ICU



Type Unassigned
Useful Life 10 Years
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact B. Griffin - 783-2605
Priority n/a
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$750,000

Painting, flooring, tile, and casework improvements on Med Surg and ICU

Justification

Minimal updates have been made to the Med Surg unit and ICU since the hospital was occupied in 1999. It is good practice at least every 10 years to refresh patient areas. This project will allow for new paint, flooring, tile in the bathrooms, and casework improvements in the patient rooms. Project is to provide better patient care and experience for the Medical Surgical Unit (MSU) and Intensive Care Unit (ICU). Increase patient satisfaction scores will allow Monterey County residence a better understanding of the quality of care that Natividad Medical Center provides.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	100,000					100,000
Construction	78,200	571,800				650,000
Total	178,200	571,800				750,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	178,200	571,800				750,000
Total	178,200	571,800				750,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B16-2016-129
Project Name Pharmacy Remodel

Type Building
Useful Life 30 Years
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Preliminary Estimate +/- 20%

Department Natividad Medical Center
Contact B. Griffin - 783-2605
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active



Description **Total Project Cost: \$1,200,000**

This project will allow for NMC to update the Pharmacy Department to meet the laws and regulations by providing a new compounding room with a new non-hazardous anteroom and hazardous medication storage room.

Justification

The Pharmacy Department develops intravenous medications (IV) that are introduced directly into the bloodstream, bypassing the anti-infective defenses of the stomach and skin. Contaminated compounding IV medications can result into patient harm due to infections. The current IV compounding facility in the Pharmacy Department will not meet the new governed regulations for IV compounding.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	75,000					75,000
Construction	1,125,000					1,125,000
Total	1,200,000					1,200,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	1,200,000					1,200,000
Total	1,200,000					1,200,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-144
Project Name Cisco VOIP Phone System

Type Equipment
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Ari Entin/ 831-783-2564
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$130,000

New and upgraded licenses and replacing end of life equipment are needed for the CISCO VOIP system used at Natividad. This system supports all the phones and intercom/paging throughout the hospital and must be operational.

Justification

Current version of software is outdated and no longer supported by vendor. NMC is experiencing issues with the paging system that can only be addressed with new version. The portable phones that work with the version of the system NMC is running are not even made anymore. Need to upgrade so that the system works and working phones can be distributed to key clinical resources.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	130,000					130,000
Total	130,000					130,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	130,000					130,000
Total	130,000					130,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-148
Project Name General IT Equipment Replacement



Type Equipment
Useful Life 5 Years
Category Partially Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact A. Entin - 783-2564
Priority 1-Critical Health & Safety
Project Status Partially Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$1,160,150

Need to replace and update all end of life equipment across Natividad Medical Center. This includes items such as computers, laptops, printers, scanners, etc

Justification

Employees need to have working equipment to do their jobs. Non-working equipment can affect patient care, efficiency and sustainability. Equipment needs to be replaced in a planned and orderly manner.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	360,150	200,000	200,000	200,000	200,000	1,160,150
Total	360,150	200,000	200,000	200,000	200,000	1,160,150

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	360,150					360,150
Unfunded		200,000	200,000	200,000	200,000	800,000
Total	360,150	200,000	200,000	200,000	200,000	1,160,150

Budget Impact/Other

This budget is for IT network, storage, security and VoIP hardware needed to maintain and support a hospital-grade computing environment. Purchases will include planned upgrades to existing equipment and new equipment that parallels standards found throughout healthcare.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B16-2016-242
Project Name Mobile Strategy (Hardware/Software)

Type Software
Useful Life 5 Years
Category Fully Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact C. Harris - 783-2785
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active



Description **Total Project Cost:** \$207,000

Develop improvement in security for texting, alert messaging and general communication and documentation.

Justification

HIPAA Privacy laws require that text messages are sent and received using secure technology. This purchase is needed to facilitate physician secure communication and meet standards. This system will integrate with NMC's electronic health system for clinical alerts.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	207,000					207,000
Total	207,000					207,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	207,000					207,000
Total	207,000					207,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B16-2016-248
Project Name Emergency Department Expansion

Type Building **Department** Natividad Medical Center
Useful Life **Contact**
Category Fully Funded **Priority** 5-Desirable, Not Critical
Provider Natividad Medical Center **Project Status** Fully Funded
Cost Accuracy Engineer's Estimate +/- 5% **Dept Priority**
Status Active

Description **Total Project Cost:** \$25,000,000

This project will allow for NMC to greatly expand its Emergency Department and provide dedicated rooms for behavioral health patients.

Justification

Do to the expanded services by being designated as a Trauma 2 hospital, the emergency department has seen increased volume of patients directly related to trauma. There also has been increased behavioral health patient visits which need their own dedicated treatment rooms. Expanding the Emergency department will allow efficient staff workflow to treat patients and provide more treatment rooms to accommodate increase patient volume.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental					2,000,000	2,000,000
Construction					23,000,000	23,000,000
Total					25,000,000	25,000,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC					25,000,000	25,000,000
Total					25,000,000	25,000,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B16-2017-068
Project Name Replacement of First Floor Flooring



Type Building
Useful Life 30 Years
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Engineer's Estimate +/- 5%
Department Natividad Medical Center
Contact B. Griffin - 783-2605
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$1,187,500

Replacement of the ceramic tile that is on the first floor of NMC.

Justification

The flooring on the first floor of the hospital was not installed per manufacturer's recommendations. The concrete did not cure appropriately. As a result, the tile on the first floor has cracked, buckled, etc. We have done moisture sampling throughout the first floor, and the levels are much higher than recommended by manufacturers. Ceramic tile flooring on the first floor of the building has been an increasing concern by the patients, visitors and staff at Natividad Medical Center. Deformation of the ceramic tile continues to create new tripping hazards for the occupants of the building resulting in lost revenue because of workers compensation claims and possible injury to patients and visitors.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction	187,500		1,000,000			1,187,500
Total	187,500		1,000,000			1,187,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	187,500		1,000,000			1,187,500
Total	187,500		1,000,000			1,187,500

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # B16-2017-101
Project Name Demolition of Old Hospital



Type Building
Useful Life 30 Years
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Capped-0%
Department Natividad Medical Center
Contact B. Griffin - 783-2605
Priority n/a
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$17,160,000

Demolition of the Old Hospital that is on the NMC campus.

Justification

All of the office spaces are occupied on the Natividad Medical Center campus. With the Trauma 2 designation Natividad Medical Center has increased volume and expanded services to the residences of Monterey County. The demolition of the original hospital will provide additional parking and clear land for future expanded hospital buildings and/or medical office buildings. This make ready project will remove older unoccupied buildings that are delapidated.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental					1,800,000	1,800,000
Construction Management					15,360,000	15,360,000
Total					17,160,000	17,160,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC					17,160,000	17,160,000
Total					17,160,000	17,160,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-002

Project Name Information and Security Compliance

Type	Software	Department	Natividad Medical Center
Useful Life		Contact	Ari Entin/ 831-783-2564
Category	Partially Funded	Priority	1-Critical Health & Safety
Provider	Natividad Medical Center	Project Status	Partially Funded
Cost Accuracy	Preliminary Estimate +/- 20%	Dept Priority	
		Status	Active

Description

Total Project Cost: \$600,000

Purchase software and tools to monitor and keep secure the data and systems at Natividad Medical Center. Required to meet HIPAA Compliance and Healthcare standards.

Justification

Ongoing investment in Information Security is needed to maintain our current level of system and data protection and to keep our technology up to date to address new and emerging threats. This is a HIPAA mandated compliance requirement and allows us to exercise healthcare best practice standards. Not investing in information security is not an option. NMC must be compliant with HIPAA laws or we risk fines and exclusion from the Meaningful Use program. Unmanaged IT risks impact system availability which ultimately impacts the delivery of patient care, our financial sustainability and the hospitals reputation.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	125,000	100,000	150,000	100,000	125,000	600,000
Total	125,000	100,000	150,000	100,000	125,000	600,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	125,000					125,000
Unfunded		100,000	150,000	100,000	125,000	475,000
Total	125,000	100,000	150,000	100,000	125,000	600,000

Budget Impact/Other

Depending on tools purchased, additional support and maintenance may be needed. Costs for the maintenance would be included in the purchase or part of Natividad's Operational Expense Budget

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-003
Project Name IT Infrastructure

Type Unassigned
Useful Life
Category Partially Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact Ari Entin/ 831-783-2564
Priority 1-Critical Health & Safety
Project Status Partially Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$2,368,600

Investment needed to maintain and enhance the IT Infrastructure across NMC. This includes purchasing items such as network switches, routers, storage, servers, etc..

Justification

These are planned replacements for aging equipment and use of newer technology. These purchases are needed to run all systems at NMC and keep systems up and reliable. Systems are critical to patient care and hospital operations. It would not be acceptable to operate equipment that is end of life and unsupported.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	187,600	300,000	263,000	868,000	750,000	2,368,600
Total	187,600	300,000	263,000	868,000	750,000	2,368,600

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	187,600					187,600
Unfunded		300,000	263,000	868,000	750,000	2,181,000
Total	187,600	300,000	263,000	868,000	750,000	2,368,600

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-004
Project Name BMC Client Manager (BCM)

Type Software
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Ari Entin/ 831-783-2164
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$124,000

BMC Client Manager (BCM) is software tool that will track and help manage the hardware and software that exists at Natividad Medical Center. This would include where the items are deployed, end of life, support contracts, inventories, etc.. for the computer software and hardware at NMC.

Justification

Due to size and scope of NMC's computers and systems, more advanced technology is needed to track and support these assets. Currently, NMC is tracking them manually and this is inefficient and risky. Much labor and resource time will be saved with the purchase of this software.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	124,000					124,000
Total	124,000					124,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	124,000					124,000
Total	124,000					124,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-007
Project Name Citrix/Horizon Migration- VMWARE

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Ari Entin/ 831-783-2564
Priority 5-Desirable, Not Critical
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$120,000

NMC utilized virtual desktop technology as a physician access portal and throughout the hospital. It is used for remote access to key NMC systems for patient care and billing. VMWARE will replace NMC's aging and unreliable Citrix environment that is currently in place.

Justification

Current system (Citrix) is failing and action is needed to upgrade or replace. VMWARE is a better product and less expensive than the current Citrix product used. VMWARE is the industry leader and standard for virtualization. This is needed for security and access for users.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	120,000					120,000
Total	120,000					120,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	120,000					120,000
Total	120,000					120,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-052
Project Name 1200A 3-Pole Automatic Transfer Switch

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Jeffrey Cleek (831) 783-2614
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$217,500

Replacement of an ATS breaker

Justification

NMC is starting to see failures on the Emergency power system. Kitchell reported system as at end of life, would rather plan for a replacement of a breaker in a controlled fashion than in a failure. There are 7 of these in the system but we have seen problems only on one.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	27,500			190,000		217,500
Total	27,500			190,000		217,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	27,500			190,000		217,500
Total	27,500			190,000		217,500

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-053
Project Name Make Up Air Unit (MAU)

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact Jeffrey Cleek (831) 783-2614
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$140,000

Rebuild or replace Bld 580 Make Up Air unit.

Justification

The make up air unit is a fan that adds air to the kitchen that is drawn out by the big kitchen hoods. If the make up air unit is not running the kitchen area is in a vacuum. The existing unit is at end of life and needs to be rebuilt or replaced. Existing unit is not moving correct amount of air due to a part of the fan housing rusted away.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	5,000	135,000				140,000
Total	5,000	135,000				140,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	5,000	135,000				140,000
Total	5,000	135,000				140,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-054
Project Name Fire Alarm Command Center Bld. 400

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%

Department Natividad Medical Center
Contact Jeffrey Cleek (831) 783-2614
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$1,252,000

Fire Alarm Command Center Bld. 400

Justification

Fire Alarm will need to be replaced at some point in near future. Was identified on Kitchell report as well as the inherent problems we are starting to see with a 20 year old system. We are getting electronic glitches that will trigger an alarm but can find no record of why, devices are becoming harder to find so when a duct detector fails it is sometime weeks before another one can be located.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	2,000			750,000	500,000	1,252,000
Total	2,000			750,000	500,000	1,252,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	2,000			750,000	500,000	1,252,000
Total	2,000			750,000	500,000	1,252,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-055
Project Name Fire Alarm Command Center Bld. 580

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Jeffrey Cleek (831) 783-2614
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$456,000

Fire Alarm Command Center Bld. 580

Justification

Fire Alarm will need to be replaced at some point in near future. Was identified on Kitchell report as at end of life and the inherent problems we are starting to see with a 20 year old system. We are getting electronic glitches that will trigger an alarm but can find no record of why, devices are becoming harder to find so when a duct detector fails it is sometime weeks before another one can be located.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	7,000		190,000	259,000		456,000
Total	7,000		190,000	259,000		456,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	7,000		190,000	259,000		456,000
Total	7,000		190,000	259,000		456,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-521
Project Name Building 200 Suite 101 NMG

Type Building **Department** Natividad Medical Center
Useful Life **Contact** Brian Griffin 783-2562
Category Fully Funded **Priority** 1-Critical Health & Safety
Provider Natividad Medical Center **Project Status** Fully Funded
Cost Accuracy Preliminary Estimate +/- 20% **Dept Priority**
Status Active

Description **Total Project Cost:** \$2,225,000

This project includes a refresh to the old Women's Health Clinic located in Building 200 first floor. Since NMG clinic will reside on the hospital license, there will also need to be modifications to the space to meet current code requirements.

Justification

NMG clinic is located in Building 400 on the first floor that provides primary care. Our intended growth is aimed to provide primary care services to the population of Monterey County. The number of patients seen in this clinic have increased, and the existing space is no longer sufficient to meet the demand of patients. The current location has 5 exam rooms. NMC desires to relocate NMG to Building 200 first floor. The new clinic will provide 12 exam rooms and will be built in accordance of California Building Standards Code for a primary care clinic in order to be on the hospital license.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		100,000				100,000
Construction		2,125,000				2,125,000
Total		2,225,000				2,225,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC		2,225,000				2,225,000
Total		2,225,000				2,225,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-523

Project Name Lobby Coffee Bar

Type Building

Department Natividad Medical Center

Useful Life

Contact Brian Griffin 783-2562

Category Fully Funded

Priority 5-Desirable, Not Critical

Provider Natividad Medical Center

Project Status Fully Funded

Cost Accuracy Preliminary Estimate +/- 20%

Dept Priority

Status Active

Description

Total Project Cost: \$125,000

This project will allow for a coffee bar in the main lobby of the hospital for use by patients, visitors, and staff.

Justification

Most hospitals have a coffee cart/ coffee bar for patients, visitors, and staff. NMC believes this will be a satisfier for all parties.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		15,000				15,000
Construction		110,000				110,000
Total		125,000				125,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC		125,000				125,000
Total		125,000				125,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-524
Project Name Laboratory Remodel

Type Building
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Brian Griffin 783-2562
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$675,000

This project will redesign the front phlebotomy drawing area of the Laboratory, expand the blood bank area, and make the Chemistry area of the lab ready to change its current equipment.

Justification

The Phlebotomy area need to be renovated to improve esthetics for better patient comfort during patient procedures. The blood bank needs additional space for specimen processing and the chemistry analyzers are to be replaced an supplemented with deionized water.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	75,000					75,000
Construction		600,000				600,000
Total	75,000	600,000				675,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	75,000	600,000				675,000
Total	75,000	600,000				675,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-525
Project Name SEA Conference Room

Type Building
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Brian Griffin 783-2562
Priority 5-Desirable, Not Critical
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$500,000

This project will refresh (new floor, paint, and new restrooms to meet current code) the existing SEA conference room located in Building 600.

Justification

The SEA conference room is the hospital's old cafeteria and the largest conference room at the hospital. The space still resembles a cafeteria, and NMC desires to improve the space. The adjacent bathrooms will also need to be redone and brought up to current building code. This will allow higher level of productive conferences and presentations.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		50,000				50,000
Construction		450,000				450,000
Total		500,000				500,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC		500,000				500,000
Total		500,000				500,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project #	B17-2017-526
Project Name	Natividad Conference Room

Type	Unassigned	Department	Natividad Medical Center
Useful Life		Contact	Brian Griffin 783-2562
Category	Fully Funded	Priority	5-Desirable, Not Critical
Provider	Natividad Medical Center	Project Status	Fully Funded
Cost Accuracy	Budget Estimate +/- 10%	Dept Priority	
		Status	Active

Description	Total Project Cost: \$300,000
This project will refresh (new floor, paint, etc) the existing Natividad conference room located in Building 580.	

Justification
The Natividad conference room is used for hospital board meetings and various other meetings that host people from outside NMC. The space has not been refreshed since opening the new hospital.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			20,000			20,000
Construction			280,000			280,000
Total			300,000			300,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC			300,000			300,000
Total			300,000			300,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-555
Project Name Elevator Upgrades

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Engineer's Estimate +/- 5%
Department Natividad Medical Center
Contact Brian Griffin 783-2562
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$375,000

To install new elevator controls and other elevator parts as needed.

Justification

Knowing controls are at end of life as documented in Kitchell report, puts NMC and the county at risk if someone is injured. Replacing prior to failure would allow for scheduling. Better safety features, and less downtime. Control replacement is suggested not required at this time.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			38,000			38,000
Construction			212,000	125,000		337,000
Total			250,000	125,000		375,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC			250,000	12,500		262,500
Total			250,000	12,500		262,500

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-558
Project Name Exterior Paint Waterseal

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Preliminary Estimate +/- 20%
Department Natividad Medical Center
Contact Brian Griffin 783-2562
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$410,000

This project includes caulking and repainting of the buildings on NMC's campus as well as sealing of windows.

Justification

NMC is approaching 20 years old, signs of age are showing. Building has cracks that if left unsealed could cause long term damage.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction			10,000	400,000		410,000
Total			10,000	400,000		410,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC			10,000	400,000		410,000
Total			10,000	400,000		410,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-561
Project Name Modular Building on Campus

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Engineer's Estimate +/- 5%
Department Natividad Medical Center
Contact B. Griffin - 783-2605
Priority 5-Desirable, Not Critical
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$575,000

This projects allows NMC to purchase or lease a modular building to reside on its campus. Plumbing and electrical work to include low voltage will need to be done by the contractor.

Justification

NMC is out of space, With new programs coming to NMC the need for space is approaching critical. Modular space would allow for the ability to shuffle departments to meet NMC needs.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		60,000				60,000
Construction		515,000				515,000
Total		575,000				575,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC		575,000				575,000
Total		575,000				575,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-562
Project Name Plumbing/ Sewer Re-pipe

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Engineer's Estimate +/- 5%
Department Natividad Medical Center
Contact Brian Griffin 783-2562
Priority n/a
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$150,000

This project allows for a contractor to inspect and assess NMC's current plumbing and indicate what needs to be replaced.

Justification

NMC plumbing (sewer and supply) are approaching 20 years, the water supply could be as big as 4" there is a concern due to the number of leaks on the supply side that a major leak will happen in the near future. On the waste side, there has been a constant problem with the lift station that has a huge environmental impact if it fails. A water leak could shut down a portion of the hospital for a significant amount of time and the cleanup could be costly. A sewage spill from the lift station will result in significant fines.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			20,000			20,000
Construction			130,000			130,000
Total			150,000			150,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC			150,000			150,000
Total			150,000			150,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # B17-2017-564
Project Name Roof Repair/ Replace

Type Unassigned
Useful Life
Category Fully Funded
Provider Natividad Medical Center
Cost Accuracy Engineer's Estimate +/- 5%
Department Natividad Medical Center
Contact Brian Griffin 783-2562
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$500,000

This project includes patching and repairing existing roofs on NMC's campus.

Justification

The roofs at NMC have been in place for over 20 years, showing signs of age. Kitchell report puts some at end of life.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction					500,000	500,000
Total					500,000	500,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC					500,000	500,000
Total					500,000	500,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # NMC-17-01
Project Name Workstations on Wheels (WOWs)

Type Unassigned
Useful Life
Category Partially Funded
Provider TBD
Cost Accuracy Budget Estimate +/- 10%
Department Natividad Medical Center
Contact Ari Entin/ 831-783-2564
Priority 1-Critical Health & Safety
Project Status Partially Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$442,500

Workstations on Wheels (WOWs) are critical for the documentation and providing system information to the clinical staff. Many of the WOWs are end of life or do not exist so need to be replaced across the hospital.

Justification

This is a critical piece of equipment used by Clinicians. The WOW's hold the computers that allow the documentation of the patient's electronic health record. This is best practices and industry standard for clinical documentation. This allows documentation real time while visiting with the patient. If the WOWs did not exist, documentation would be delayed, possibly forgotten, incomplete and inaccurate patient record.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	112,500	280,000	50,000			442,500
Total	112,500	280,000	50,000			442,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
NMC	112,500					112,500
Unfunded		280,000	50,000			330,000
Total	112,500	280,000	50,000			442,500

Budget Impact/Other

Probation

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8572
Project Name Youth Center Roof Repairs



Type Building	Department Probation
Useful Life 10 Years	Contact J. Ramirez - 759-7276
Category Fully Funded	Priority 1-Critical Health & Safety
Provider PW: Facilities	Project Status Fully Funded
Cost Accuracy Program Estimate +/- 35%	Dept Priority N/A
	Status Active

Description **Total Project Cost:** \$566,630

Install new roof on the main building at 970 Circle Drive, Salinas.

Justification

The roof of the main building has deteriorated beyond its useful life. The roof will continue to deteriorate with imminent damage to the building interior and disruption to Probation programs and operations if improvements are not made.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
35,570	Design/Environmental	7,000					7,000
	Construction Management	39,100					39,100
	Construction	450,000					450,000
	Contingency	34,960					34,960
	Total	531,060					531,060

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
35,570	Fund 401	531,060					531,060
	Total	531,060					531,060

Budget Impact/Other

This project is partially funded by Fund 401, additional funds are needed to be complete the project.

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 8811
Project Name New Juvenile Hall

Type Building
Useful Life 50 Years
Category Fully Funded
Provider PW: Architectural Services
Cost Accuracy Engineer's Estimate +/- 5%

Department Probation
Contact P.Andreu (831)755-4806
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active



Description **Total Project Cost:** \$58,671,291

The new campus-style 120-bed replacement Juvenile Hall will include new administration office space, visiting room, vehicle sally port, central control room, classrooms, kitchen & dining, laundry space, and warehouse/maintenance services.

Justification

The present 50-year-old juvenile hall facility is outdated and does not meet current California Code or Americans with Disabilities Act (ADA) regulations. The New Juvenile Hall will provide for better security for youth and staff with new secure cells, access area for transportation, recreation yard, intake processing area, and rehabilitative space in a best practices campus-style environment. The impact of not conducting this project would be deleterious to Probation programs necessary to support the County Judicial system and the public. If replacement of this facility is not provided, the County is at risk for litigation related to accessibility and safety issues.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
8,536,230	Design/Environmental	538,665	300,684	0			839,349
	Construction Management	945,926	745,000	12,998			1,703,924
	Construction	19,946,850	20,810,350	431,750			41,188,950
	Other	1,089,706	677,266	516,971			2,283,943
	Contingency	1,994,685	2,081,035	43,175			4,118,895
	Total	24,515,832	24,614,335	1,004,894			50,135,061

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
8,536,230	General Fund NJH Assignment- Account 3127	15,135,061					15,135,061
	Safety LU	0					0
	SB 81	9,380,771	24,614,335	1,004,894			35,000,000
	Total	24,515,832	24,614,335	1,004,894			50,135,061

Budget Impact/Other

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance		270,000				270,000
Personnel		252,000				252,000
Utilities		211,000				211,000
Total		733,000				733,000

"Prior" Includes actuals through FY16 & projections for FY17

RMA-Land Use & Community Development

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1605
Project Name Carmel River Floodplain Restoration (CRFREE)



Type Storm Water
Useful Life 75 Years
Category Partially Funded
Provider RMA: Special Projects
Cost Accuracy Program Estimate +/- 35%

Department RMA-Land Use & Community
Contact M. Beretti - 755-5285
Priority 3-Preserve Existing Facility
Project Status Partially Funded
Dept Priority 1
Status Active

Description **Total Project Cost:** \$25,894,076

Restoration of the former Odello farm fields south of the Carmel River and east of Highway 1, including levee removal, floodplain and habitat restoration, construction of an approximately 350'-long causeway to replace a portion of the Highway 1 embankment, and transition grading into and potential expansion of the South Arm of the Carmel River Lagoon.

Justification

The lower reach of the Carmel River Basin was the site of multiple expensive and severe flooding incidents in 1995 and 1998. The funding would be used to build on local, state and non-profit expenditures directed to reducing repetitive loss flood damage by significantly mitigating future flood risk. The project also has a very significant habitat restoration component, which includes reverting exiting levee farm fields to non-levee riparian and floodplain habitat, and providing habitat continuity from the previously restored lands on the west side of the highway to the proposed restoration area to the east of the highway.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,335,918	Design/Environmental	243,193	50,000				293,193
Total	Construction		10,991,044	13,101,160			24,092,204
	Other	77,587	47,587	47,587			172,761
	Total	320,780	11,088,631	13,148,747			24,558,158

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,335,918	Approved Budget 8170 - Karen's	15,123	15,123	16,248			46,494
Total	Approved Budget 8222 - Melanie's Time	20,964	20,964	21,339			63,267
	Budget 8198 - CSA 23	21,800					21,800
	Grants	222,893	4,267,544				4,490,437
	Other Anticipated Funding		6,725,000				6,725,000
	Unfunded	40,000	60,000	13,111,160			13,211,160
	Total	320,780	11,088,631	13,148,747			24,558,158

Budget Impact/Other

"Prior" Includes actuals through FY16 & projections for FY17

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # SRPS
Project Name Carmel Lagoon Scenic Road Protection Structure

Type Storm Water
Useful Life 75 Years
Category Partially Funded
Provider RMA: Special Projects
Cost Accuracy Program Estimate +/- 35%

Department RMA-Land Use & Community
Contact M. Beretti - 755-5285
Priority 3-Preserve Existing Facility
Project Status Partially Funded
Dept Priority 2
Status Active

Description **Total Project Cost: \$17,903,092**

The Carmel Lagoon Scenic Road Protection Structure (SRPS)/Ecosystem Protective Barrier (EPB) Project is a multi-objective, multi-year, multi-organizational effort to improve natural floodplain function, and protect public infrastructure, while maintaining or improving flood risk protection to existing developed areas. The project involves implementing three project components: 1) Ecosystem Protective Barrier (EPB); 2) Scenic Road Protection Structure (SRPS); and 3) Interim Sandbar Management Plan (ISMP).

Justification

Completion of the Carmel Lagoon SRPS/EPB will help prevent emergency flood situations which may cause harm to public health, safety, and welfare as well as expose the county to potential liability and litigation risk. Project completion also reduces the county's regulatory risk exposure. From a budgetary perspective, project implementation allows for minimization of unanticipated or avoidable mitigation costs.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,233,731	Design/Environmental	100,000	913,600	28,000			1,041,600
Total	Construction		343,000	15,172,000			15,515,000
	Other		75,175	37,586			112,761
	Total	100,000	1,331,775	15,237,586			16,669,361

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,233,731	Fund 404	100,000					100,000
Total	Unfunded		1,331,775	15,237,586			16,569,361
	Total	100,000	1,331,775	15,237,586			16,669,361

Budget Impact/Other

This is a partially funded project for FY 17/18. The costs associated with the Carmel Lagoon SRPS/EPB will be a one-time expenditure this fiscal year. Once implemented, the SRPS/EPB may yield cost avoidances for the County over time by reducing costs associated with flood losses and liability exposure. Sustainability would be met with the establishment of an annual funding source for long-term maintenance of the Carmel Lagoon SRPS/EPB.

RMA-Parks

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-6
Project Name Laguna Seca Drinking Water Distribution System



Type Water
Useful Life 20 Years
Category Partially Funded
Provider Parks
Cost Accuracy Preliminary Estimate +/- 20%
Department RMA-Parks
Contact R. Riddle - 758-3604
Priority 2-Law or Mandate
Project Status Partially Funded
Dept Priority 3
Status Active

Description **Total Project Cost:** \$267,000

Upgrade drinking water distribution system to meet current regulations.

Justification

Significant upgrades are required by regulators to the drinking water distribution system at Laguna Seca. These upgrades include backflow prevention, storage system automation and cross connection prevention. This system feeds both the track and the park. Failure or significant restrictions to water distribution system and/or supply will shut down the racetrack and park facility.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	20,000	21,000				41,000
Construction Management		21,000				21,000
Construction	100,000	105,000				205,000
Total	120,000	147,000				267,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Laguna Seca Restricted Revenue Acct	90,000	100,000				190,000
Unfunded	30,000	47,000				77,000
Total	120,000	147,000				267,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2017-P-1
Project Name Laguna Seca Turn 6 Mitigation

Type Unassigned
Useful Life 10 Years
Category Fully Funded
Provider Parks
Cost Accuracy Preliminary Estimate +/- 20%

Department RMA-Parks
Contact J. Akeman - 755-4911
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority 1
Status Active

Description **Total Project Cost:** \$600,000

Turn 6 mitigation alternative to reroute the storm water drainage back towards the Laguna Seca Recreation Area (LSRA) and away from Bureau of Land Management (BLM) lands.

Justification

The existing detention/dispersion system suffered from continued clogging/siltation and overflow problems. A temporary system was implemented as a short term effort to address the situation and was deemed effective. This project will address the issue on a long term basis. If not addressed above and beyond the short term solution, further issues such as erosion may result with the current short term drainage system in place. Impacts vary such as significant slope failure and potential threat to the Turn 6 embankment, which may force closure of the racetrack and result in costly engineering and construction.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction Management	600,000					600,000
Total	600,000					600,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Laguna Seca Track Fund	600,000					600,000
Total	600,000					600,000

Budget Impact/Other

On-going monitoring activities will occur at the site after rerouting the storm water, under a separate contract.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 75001
Project Name Laguna Seca Sewer Facility Improvements



Type Sewer
Useful Life 20 Years
Category Partially Funded
Provider Parks
Cost Accuracy Program Estimate +/- 35%

Department RMA-Parks
Contact R. Riddle - 758-3604
Priority 2-Law or Mandate
Project Status Partially Funded
Dept Priority 5
Status Active

Description **Total Project Cost:** \$3,098,571

The project requires a comprehensive inventory and evaluation of the existing 7 independent sanitary sewer systems with the goal of developing a single system (onsite sewage treatment plant). The existing systems have been developed at different times over the years all have varying capacities and related issues and to address each one would not be financially feasible.

Justification

The events at Laguna Seca require a system to accommodate large crowds over a short period of time and the existing systems cannot effectively accommodate the user demands. Installation of new system is required to continue to serve the park facility and the park's users, and to eliminate expensive service calls and repairs (pumping of the system). If the sewer system is deemed non-operable, events and regular activities would be compromised and the facility could require closure until repairs are made. Temporary porta-potty units might be brought in at an added cost, however, normal use of sinks, drains, etc. would not be functional likely resulting in the closure of the park facility.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
28,580	Construction	1,000,000	2,069,991				3,069,991
Total	Total	1,000,000	2,069,991				3,069,991

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
28,580	Laguna Seca Restricted Revenue Acct	1,000,000					1,000,000
Total	Unfunded		2,069,991				2,069,991
	Total	1,000,000	2,069,991				3,069,991

Budget Impact/Other

Prior funds from the Laguna Seca Restricted Revenue Acct in the amount of \$28,580, with an additional \$1,000,000 identified. Remaining Funding Sources are unfunded.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 75007
Project Name Water Well Filtration System at Laguna Seca



Type Water
Useful Life 20 Years
Category Fully Funded
Provider Parks
Cost Accuracy Budget Estimate +/- 10%

Department RMA-Parks
Contact R. Riddle - 758-3604
Priority 2-Law or Mandate
Project Status Fully Funded
Dept Priority 1
Status Active

Description **Total Project Cost:** \$230,000

LSRA Water Well Filtration System. Design and implement a water filtration system for domestic water well.

Justification

Required by Monterey County Environmental Health to meet Federally mandated arsenic level compliance.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	30,000					30,000
Construction	200,000					200,000
Total	230,000					230,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Laguna Seca Restricted Revenue Acct	230,000					230,000
Total	230,000					230,000

Budget Impact/Other

This is a Federal mandate administered through the State of California.

RMA-Public Works & Facilities

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # TBD
Project Name Blackie Road Safety Improvement Env Mitigation

Type Roads
Useful Life 10 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Budget Estimate +/- 10%

Department RMA-Public Works & Facilities
Contact J. Pascua - 755-8963
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$240,000

This phase of the project is to complete environmental mitigation for the construction of the Blackie Road Safety Improvement project. The project rehabilitated Blackie Road from Borromeo Drive to 0.74 of a mile west of Molly Rd. It consisted of pavement rehabilitation, underground drainage, centerline rumble stripe, and shoulder widening.

Justification

Environmental mitigation is required by the California Department of Fish and Wildlife (Incidental Take Permit - California Tiger Salamander).

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	240,000					240,000
Total	240,000					240,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Road Fund	240,000					240,000
Total	240,000					240,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1140
Project Name State Highway 68 at Corral De Tierra Road



Type Intersection
Useful Life 20 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Budget Estimate +/- 10%
Department RMA-Public Works & Facilities
Contact J. Pascua - 755-8963
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$3,653,010

Project is to improve the level of service (LOS) at the intersection of State Route 68 and Corral de Tierra Road. The project is to add a second left-turn lane on westbound State Route 68 onto southbound Corral de Tierra Road. The is to also construct a merge lane on southbound Corral de Tierra Road to receive the second left-turn lane.

Justification

Project is to improve the level of service (LOS) at the intersection of State Route 68 and Corral de Tierra Road. The project is to add a second left-turn lane on westbound State Route 68 onto southbound Corral de Tierra Road. The plan is to also construct a merge lane on southbound Corral de Tierra Road to receive the second left-turn lane.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,396,692	Design/Environmental	60,869					60,869
	Right of Way/Utilities	194,449					194,449
	Construction Management	261,000					261,000
	Construction	1,740,000					1,740,000
	Total	2,256,318					2,256,318

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,396,692	RSTP	456,476					456,476
	STIP	1,700,000					1,700,000
	Traffic Impact Fees	99,842					99,842
	Total	2,256,318					2,256,318

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project #	1141		
Project Name	San Jon Rd & Boronda Rd Bridge Rail Replacement		
Type	Bridges	Department	RMA-Public Works & Facilities
Useful Life	10 Years	Contact	J. Pascua - 755-8963
Category	Fully Funded	Priority	1-Critical Health & Safety
Provider	PW: Roads	Project Status	Fully Funded
Cost Accuracy	Budget Estimate +/- 10%	Dept Priority	
		Status	Active

Description	Total Project Cost: \$545,000
Upgrade and bring to current standard the existing bridge rails on San Jon Rd Bridge #200 and Boronda Rd Bridge #205.	

Justification
Proposed project will bring the existing bridge rails to current State standards and improve public safety.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
75,000	Construction Management	70,500					70,500
	Construction	399,500					399,500
Total	Total	470,000					470,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
75,000	HBP	470,000					470,000
Total	Total	470,000					470,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1142
Project Name Jolon Rd Bridge Rail Replacement

Type Bridges **Department** RMA-Public Works & Facilities
Useful Life **Contact** J. Pascua / 755-8963
Category Fully Funded **Priority** 1-Critical Health & Safety
Provider PW: Roads **Project Status** Fully Funded
Cost Accuracy Budget Estimate +/- 10% **Dept Priority**
Status Active

Description **Total Project Cost:** \$395,000

Upgrade and bring to current standard the existing bridge rails on Jolon Rd Bridge #327.

Justification

Proposed project will bring the existing bridge rails to current State standards and improve public safety.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
75,000	Construction Management	48,000					48,000
	Construction	272,000					272,000
Total	Total	320,000					320,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
75,000	HBP	283,296					283,296
	Road Fund	36,704					36,704
Total	Total	320,000					320,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1143
Project Name BPMP (Methacrylate and Polyester Overlay)



Type Bridges
Useful Life 10 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact T. Nyunt - 755-4631
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$2,683,434

This project includes application of methacrylate to 12 bridge decks and polyester overlay to 4 bridge decks. These bridges are located throughout Monterey County.

Justification

The work is recommended per the Structure Maintenance & Investigation Bridge Inspection Reports, prepared by Caltrans. The project will extend the life of the bridge decks. Condition of the bridge decks continue to degrade if project is not constructed.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
181,373	Design/Environmental	25,000					25,000
	Construction Management	323,095					323,095
	Construction	2,153,966					2,153,966
	Total	2,502,061					2,502,061

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
181,373	Federal	2,200,579					2,200,579
	Gas Tax	301,482					301,482
	Total	2,502,061					2,502,061

Budget Impact/Other

Bridge Preventative Maintenance Program (FHWA Funds) and Road Fund (Local Match).

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 1145
Project Name Countywide Roadway Safety Signage/Striping Audit



Type Roads **Department** RMA-Public Works & Facilities
Useful Life 10 Years **Contact** R. Chapman - 758-3009
Category Fully Funded **Priority** 1-Critical Health & Safety
Provider PW: Roads **Project Status** Fully Funded
Cost Accuracy Preliminary Estimate +/- 20% **Dept Priority**
Status Active

Description **Total Project Cost:** \$3,222,200

Conduct a Roadway Safety Signing and Striping Audit on approximately 250 miles of County roads. Based on the audit findings replace or relocate existing signs, install new signs, and replace existing striping with detail 22 where warranted.

Justification

In many of these locations there is already signage and markings in place. Many of these treatments were installed years ago and have not been reviewed to determine if they are still effective and meet the current requirements of the CaMUTCD. In some cases the assumptions made relating to driver speeds are no longer valid and these devices need to be reassessed based on the current data. The selected road corridors include several miles of roadway system.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
379,900	Design/Environmental	195,500					195,500
	Construction Management	345,200					345,200
	Construction	2,301,600					2,301,600
	Total	2,842,300					2,842,300

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
379,900	HSIP	2,842,300					2,842,300
	Total	2,842,300					2,842,300

Budget Impact/Other

This project is 100% funded by a Highway Safety Improvement Program (HSIP) grant in the amount of \$3,222,200. There are no operations and maintenance costs for this project.

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project #	1406		
Project Name	Blackie Road Safety Improvements - Phase I		
Type	Roads	Department	RMA-Public Works & Facilities
Useful Life	20 Years	Contact	J. Pascua / 755-8963
Category	Fully Funded	Priority	1-Critical Health & Safety
Provider	PW: Roads	Project Status	Fully Funded
Cost Accuracy	Capped-0%	Dept Priority	
		Status	Active



Description **Total Project Cost: \$1,584,023**

Provide for two 11-foot travel lanes, four to six foot shoulders, no vehicle passing, rumble strips, thermoplastic pavement markings, and curve warning signs on Blackie Rd from Molly Road to 0.74 of a mile west of Molly Road.

Justification

Reduce frequency and severity of collisions on rural roads by correcting or improving hazardous roadway location or features.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,582,127	Construction Management	1,896					1,896
Total	Total	1,896					1,896

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,582,127	Road Fund	1,896					1,896
Total	Total	1,896					1,896

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1422
Project Name Blackie Road Safety Improvements - Phase II



Type Roads
Useful Life 20 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Preliminary Estimate +/- 20%
Department RMA-Public Works & Facilities
Contact J. Pascua - 755-8963
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority 8195
Status Active

Description **Total Project Cost:** \$1,567,832

The project is to rehabilitate Blackie Road from Borrowmeo Drive to 0.74 of a mile west of Molly Rd. The project also consists of underground drainage, centerline rumble stripe, and shoulder widening. 1422 - Borrowmeo Dr to Molly Rd.

Justification

Reduce frequency and severity of collisions on rural roads by correcting or improving hazardous roadway locations or features.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,565,937	Construction Management	1,895					1,895
Total	Total	1,895					1,895

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,565,937	Road Fund	1,895					1,895
Total	Total	1,895					1,895

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 1727
Project Name Blanco Road Overlay

Type Roads
Useful Life 10 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Budget Estimate +/- 10%

Department RMA-Public Works & Facilities
Contact J. Pascua
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$3,104,226

Project is to overlay Blanco Road from Reservation Road to Davis Road with hot-mix-asphalt.

Justification

Proposed project will extend the pavement life of the roadway, which provides a critical link between the Monterey Peninsula and Salinas Valley. Condition and life of the road will continue to degrade if project is not constructed.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
104,226	Construction Management	250,000					250,000
	Construction	2,750,000					2,750,000
Total	Total	3,000,000					3,000,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
104,226	Transient Occupancy Tax (TOT)	3,000,000					3,000,000
Total	Total	3,000,000					3,000,000

Budget Impact/Other

Transient Occupancy Tax (TOT)

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2202
Project Name Nacimiento Lake Drive Bridge No. 449 Replacement



Type Bridges
Useful Life 100 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Budget Estimate +/- 10%

Department RMA-Public Works & Facilities
Contact J. Pascua / 755-8963
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$8,127,658

Replacement of the existing Nacimiento Lake Drive Bridge over San Antonio River with a new 34-foot wide and 297-foot long bridge.

Justification

The existing one-lane bridge (17 feet wide and 292 feet long) constructed in 1921 does not meet current design/seismic standards. The existing bridge is functionally and structurally deficient. Not constructing the project will leave a functionally obsolete and structurally deficient bridge in place.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
2,088,792	Design/Environmental	145,350					145,350
	Right of Way/Utilities	175,000					175,000
	Construction Management	40,300	705,593				745,893
	Construction	195,801	4,776,822				4,972,623
	Total	556,451	5,482,415				6,038,866

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
2,088,792	HBP	509,298	4,853,582				5,362,880
	Toll Credit	47,153	628,833				675,986
	Total	556,451	5,482,415				6,038,866

Budget Impact/Other

FHWA Highway Bridge Program fund 88.57% of the bridge construction, while State toll credits will provide the local match.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 3007
Project Name Annual Seal Coat Program



Type Roads	Department RMA-Public Works & Facilities
Useful Life 20 Years	Contact J. Pascua / 755-8963
Category Fully Funded	Priority 3-Preserve Existing Facility
Provider PW: Roads	Project Status Fully Funded
Cost Accuracy Capped-0%	Dept Priority N/A
	Status Active

Description **Total Project Cost:** \$10,000,000

FY 17 SEAL COAT - Salinas Rd: Railroad Ave-Stender Ave; Porter Rd: Stender Rd-Porter Bridge; San Juan Rd: Porter Rd-Allison Rd; Elkhorn Rd: Salinas Rd-Hall Rd; Werner Rd: Salinas Rd-Elkhorn Rd; Hall Rd: Elkhorn Rd-San Miguel Canyon Rd; San Miguel Canyon Rd: Hall Rd-Lewis Rd; Tarpey Rd: San Miguel Canyon Rd- San Juan Rd; Railroad Ave: Salinas Rd- Allison Rd
FY 17 PREPARATORY WORK - Carmel Vally Rd: Hwy 1-Via Petra Rd; Davis Rd: Reservation Rd- Blanco Rd; Jolon Rd: Hwy 101 (n)-1.21 miles n/o San Lucas Rd (MP 32.0); Russell Rd: Paul Ave-0.2 mile e/o Harrison Rd; Reservation Rd: Blanco Rd-0.9 mile e/o Blanco Rd
FY 18 SEAL COAT - Carmel Vally Rd: Hwy 1-Via Petra Rd; Davis Rd: Reservation Rd-Blanco Rd; Jolon Rd: Hwy 101 (n)-1.21 miles n/o San Lucas Rd (MP 32.0); Reservation Rd: Blanco Rd-0.9 mile e/o Blanco Rd
FY 18 PREPARATORY WORK - Rio Rd: Hwy 1-Carmel Rancho Blvd; Old Stage Rd: Williams Rd-Zabala Rd; Crazy Horse Rd: Executive Dr-Wild Horse Rd; Corral De Tierra Rd: Vista Dorado-Paseo Del Chaparral; Blackie Rd: Castro St-Cara Mia Pkwy; Metz Rd: King City City Limit-Elm Ave
FY 19 SEAL COAT - Rio Rd: Hwy 1-Carmel Rancho Blvd; Old Stage Rd: Williams Rd-Zabala Rd; Crazy Horse Rd: Executive Dr-Wild Horse Rd; Corral De Tierra Rd: Vista Dorado-Paseo Del Chaparral; Blackie Rd: Castro St-Cara Mia Pkwy; Metz Rd: King City City Limit-Elm Ave; Russel Rd: Paul Ave-0.2 mi e/o Harrison Rd
FY 19 PREPARATORY WORK- Old Stage Rd: Chualar Canyon Rd-Hwy 101; Metz Rd: Elm Ave-Soledad City Limit; Molera Rd: Artichoke Rd-Hwy 1 (n); Abbott St: 0.6 mile n/o Hwy 101-Hwy 101; San Juan Rd: Hwy 101-Aromas Rd; Maher Rd:Tarpey Rd-Echo Valley Rd; Echo Valley Rd: Hwy 101-San Miguel Canyon Rd
FY 20 SEAL COAT- Old Stage Rd: Chualar Canyon Rd-Hwy 101; Metz Rd: Elm Ave-Soledad City Limit; Molera Rd: Artichoke Rd-Hwy 1 (n); Abbott St: 0.6 mile n/o Hwy 101-Hwy 101; Maher Rd:Tarpey Rd-Echo Valley Rd; Echo Valley Rd: Hwy 101-San Miguel Canyon Rd
FY 20 PREPARATORY WORK-San Miguel Canyon Rd: Hwy 101-Hall Rd; Jolon Rd: 1.21 miles n/o San Lucas Rd (MP 32.0)-Jolon Pleyto Rd
FY 21Future County roads

Justification

The proposed project will extend the pavement life of the selected County roads.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	100,000	100,000	100,000	100,000	100,000	500,000
Construction Management	80,000	80,000	80,000	80,000	80,000	400,000
Construction	1,820,000	1,820,000	1,820,000	1,820,000	1,820,000	9,100,000
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Transient Occupancy Tax (TOT)	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Budget Impact/Other

"Prior" Includes actuals through FY16 & projections for FY17

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 3600
Project Name Davis Road Bridge Replacement and Road Widening



Type Bridges
Useful Life 100 Years
Category Partially Funded
Provider PW: Roads
Cost Accuracy Preliminary Estimate +/- 20%

Department RMA-Public Works & Facilities
Contact E. Saavedra - 755-8970
Priority 1-Critical Health & Safety
Project Status Partially Funded
Dept Priority 1
Status Active

Description **Total Project Cost:** \$58,807,198

Replacement of existing two-lane, low-level bridge with a high-level, four-lane bridge, approximately 74-feet wide and 1,700-feet long with 8-foot shoulders and widening Davis Road to four lanes between Blanco and Reservation roads.

Justification

The primary purpose of the project is to construct an all-weather crossing that can accommodate high flows of the Salinas River and widen Davis Road as described in the Regional Transportation Plan (RTP). The existing bridge, originally built in 1949 and seismically retrofitted in 2001, typically closes during higher flows of the Salinas River; the duration of the closure depends amount of yearly rainfall. Davis Road is an existing two-lane facility and to meet regional travel demands projected in the area TAMC has designated this section of Davis Road part of the Multi-Modal Corridor.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
3,803,535	Design/Environmental	1,955,000	715,000	300,000	158,263		3,128,263
Total	Right of Way/Utilities	2,680,000	1,050,000		0		3,730,000
	Construction Management		1,725,000	1,725,000	636,000		4,086,000
	Construction		20,900,000	20,900,000	2,259,400		44,059,400
	Total	4,635,000	24,390,000	22,925,000	3,053,663		55,003,663

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
3,803,535	Developer Fee		1,500,000				1,500,000
Total	FOR A	1,735,000	5,390,000	2,903,128			10,028,128
	HBP	2,434,729	16,765,682	15,944,899	2,261,733		37,407,043
	STIP	0					0
	Toll Credit	465,271	734,318	567,815			1,767,404
	Unfunded			3,509,158	791,930		4,301,088
	Total	4,635,000	24,390,000	22,925,000	3,053,663		55,003,663

Budget Impact/Other

FHWA Highway Bridge Program fund 88.57% of the bridge construction, while FORA Impact fees, RSTP, other development fees will provide the local match and other project costs.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 3820
Project Name Schulte Road Bridge #501



Type Bridges
Useful Life 50 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Engineer's Estimate +/- 5%

Department RMA-Public Works & Facilities
Contact J. Pascua - 755-8963
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$6,447,161

Replacement of the existing bridge over Carmel River with a 206 feet long and 31 feet wide two-span bridge. FY 17/18 work involves ongoing monitoring of plant establishment.

Justification

The existing bridge was 9 feet wide and 187 feet long. The existing bridge was functionally obsolete and did not meet current design or seismic standards. The bridge is replaced with a structure that will meet current Caltrans seismic codes.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
6,435,730	Construction Management	5,600	5,831				11,431
Total	Total	5,600	5,831				11,431

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
6,435,730	Road Fund	11,431					11,431
Total	Total	11,431					11,431

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 3851
Project Name Robinson Canyon Rd Bridge Scour Repair



Type Bridges
Useful Life 10 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact J. Gomez - 755-4816
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$1,403,126

Project involves placement of scour countermeasures to protect two exposed bridge pier footings. The countermeasures will consist of placing rock slope protection (RSP also known as riprap), sheet pile, or other scour-control measures to reduce scour and undermining of structure footing. The footprint of the RSP, sheet pile, or other scour-control measures will extend no further than 100 feet from each bridge face.

Justification

The bridge has been evaluated by Caltrans Structure engineers and determined to be scour critical. The Caltrans Bridge Maintenance Bridge Inspection Report recommend the County "implement properly engineered scour countermeasures to protect the piers from scour". The project will prevent further undermining of piers/pile caps. Not constructing the project will leave the bridge at risk from scouring of the Carmel River.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
478,139	Design/Environmental	132,321					132,321
	Right of Way/Utilities	116,000					116,000
	Construction Management		88,261				88,261
	Construction		588,405				588,405
	Total	248,321	676,666				924,987

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
478,139	HBP	219,839	599,052				818,891
	Toll Credit	28,482	77,614				106,096
	Total	248,321	676,666				924,987

Budget Impact/Other

FHWA Highway Bridge Program fund 88.57% of the bridge construction, while State toll credits will provide the local match.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 3852
Project Name Bradley Road Bridge Scour Repair



Type Bridges
Useful Life 10 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Preliminary Estimate +/- 20%

Department RMA-Public Works & Facilities
Contact J. Gomez - 755-4816
Priority 3-Preserve Existing Facility
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$1,919,314

Project entails the placement of scour countermeasures to protect exposed bridge piers 18 and 19. The scour countermeasures will consist of placing rock slope protection (RSP also known as riprap), sheet pile, or other scour-control measures to reduce scour and undermining of structure footings. The footprint of the RSP, sheet pile, or other scour-control measures will extend no further than 100 feet from each bridge face.

Justification

Bradley Road Bridge has been evaluated by Caltrans Structure Maintenance and Investigations and determined to be scour critical. The Caltrans Bridge Maintenance Bridge Inspection Report for the Bridge recommends that the County "Implement properly engineered scour countermeasures to protect the piers from scour." The project will reduce scour and undermining of structure footings.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
445,621	Design/Environmental	146,204					146,204
	Right of Way/Utilities	39,100					39,100
	Construction Management	56,000	76,541				132,541
	Construction	247,500	908,348				1,155,848
	Total	488,804	984,889				1,473,693

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
445,621	HBP	432,738	871,922				1,304,660
	Toll Credit	56,066	112,967				169,033
	Total	488,804	984,889				1,473,693

Budget Impact/Other

FHWA Highway Bridge Program fund 88.57% of the bridge construction, while State toll credits will provide the local match.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 3853
Project Name Gonzales River Rd Bridge Superstructure Replacemen



Type Bridges
Useful Life 100 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact J. Gomez - 755-4816
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$12,204,978

The existing Gonzales River Road Bridge will be replaced with a new bridge approximately 44-feet wide and 1,661-feet long and will be raised to provide for adequate clearance during storm events.

Justification

The existing two-lane, 29-span Bridge was constructed in 1930 and seismic retrofitted with outrigger pier and pier cap substructure in 2002. The 22 feet, 6-inches wide, and 1,661-feet-long existing bridge is functionally obsolete and structurally deficient.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
840,526	Design/Environmental	293,224	62,006				355,230
	Right of Way/Utilities	229,000	128,000				357,000
	Construction Management		694,710	694,710			1,389,420
	Construction		4,631,402	4,631,400			9,262,802
	Total	522,224	5,516,118	5,326,110			11,364,452

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
840,526	Gas Tax	59,899	651,240	610,904			1,322,043
	HBP	462,325	4,864,878	4,715,206			10,042,409
	Total	522,224	5,516,118	5,326,110			11,364,452

Budget Impact/Other

FHWA Highway Bridge Program fund 88.57% of the bridge construction, while gas taxes will provide the local match.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 3854
Project Name Hartnell Road Bridge Replacement



Type Bridges
Useful Life 50 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact J. Gomez - 755-4816
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$2,997,154

Replace existing two-lane, box-culvert/bridge over Alisal Creek. The new bridge will be 45 feet, 3-inches wide, and 26-feet long.

Justification

The existing two lane, 2-span bridge constructed in 1945 is 23 feet, 7-inches wide, and 22-feet long. The existing bridge does not meet current structural design standards. The existing bridge is currently posted to limit traffic to below legal load capacity.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
518,887	Design/Environmental	134,742					134,742
	Right of Way/Utilities	88,000					88,000
	Construction Management	294,199					294,199
	Construction	1,961,326					1,961,326
	Total	2,478,267					2,478,267

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
518,887	HBP	2,194,010					2,194,010
	Toll Credit	284,257					284,257
	Total	2,478,267					2,478,267

Budget Impact/Other

FHWA Highway Bridge Program fund 88.57% of the bridge construction, while State toll credits will provide the local match.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 3855
Project Name Johnson Road Bridge Replacement



Type Roads
Useful Life 50 Years
Category Partially Funded
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact J. Gomez - 755-4816
Priority 1-Critical Health & Safety
Project Status Partially Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$4,198,635

Replacement of the existing two-lane bridge over Carneros Creek. The new two-span bridge will be 43-feet wide and 80-feet long.

Justification

The existing two-lane, 3-span Bridge constructed in 1951 is 18-feet, 9-inches wide, and 60-feet long. The existing bridge does not meet current structural or functional width design standards. Not constructing the project will leave a functionally obsolete and structurally deficient bridge in place.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
489,711	Design/Environmental	188,949	37,041				225,990
	Right of Way/Utilities	112,000	10,000				122,000
	Construction			438,382			438,382
	Emergency Work			2,922,552			2,922,552
	Total	300,949	47,041	3,360,934			3,708,924

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
489,711	HBP	266,430	21,752	2,975,435			3,263,617
	Toll Credit	34,519	2,818	385,499			422,836
	Unfunded		22,471				22,471
	Total	300,949	47,041	3,360,934			3,708,924

Budget Impact/Other

FHWA Highway Bridge Program fund 88.57% of the bridge construction, while State toll credits will provide the local match.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8510
Project Name **Unscheduled Repairs**

Type Building
Useful Life 20 Years
Category Fully Funded
Provider PW: Facilities
Cost Accuracy Capped-0%

Department RMA-Public Works & Facilities
Contact P. Lopez 755-8998
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority
Status Active



Description **Total Project Cost:** \$800,000

Funding provides for unanticipated emergency and non-emergency repairs to County facilities that fall outside the scope of routine maintenance. Total funding is intended to cover all associated project costs including related staff time.

Justification

To maintain health and safety of building occupants, and to repair damage to buildings due to water intrusion, storm damage or other causes; To maintain regulatory compliance and fire safety; To reduce exposure to building material contaminants such as asbestos, lead and mold; and to preserve assets; To reduce risk by removal of trees, limbs, brush, or other growth that may cause damage or reduce visibility.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	800,000					800,000
Total	800,000					800,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fund 401	800,000					800,000
Total	800,000					800,000

Budget Impact/Other

Failures that occur in building components and systems would result in building closures and/or fines due to OSHA violations.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8576
Project Name Facility Security Assessments



Type Building
Useful Life 10 Years
Category Fully Funded
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact F. Kabwasa-Green- 755-4805
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$120,276

Conduct a comprehensive on-site security assessment of County buildings. Phase 1 Facility Security Assessments focused on the Board Chambers; Phase 2 Facility Security Assessments of selected County Owned Facilities will be completed by June 2017. Phase 3 Facility Assessments will include selected remaining County Facilities not completed during previous Phases.

Justification

The assessment will be conducted in accordance with applicable laws and regulations and most recent industry practice including best practices outlined by Department of Homeland Security, Federal Emergency Management Agency Guidelines for Buildings and infrastructure Protection.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	120,276					120,276
Total	120,276					120,276

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fund 401	120,276					120,276
Total	120,276					120,276

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8579
Project Name Cayetano Park Improvements



Type Building
Useful Life 10 Years
Category Fully Funded
Provider PW: Architectural Services
Cost Accuracy Capped-0%
Department RMA-Public Works & Facilities
Contact F. Kabwasa-Green- 755-4805
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$256,225

The project will design and install new playground improvements that meet all applicable local, state and federal regulations. The park will reopen to serve residents of the community of Pajaro.

Justification

Cayetano Park has served as a small 5000 square feet "tot lot" for the community of Pajaro since 1987. Cayetano Park has been closed since August of 2015 due to deteriorated playground equipment.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
172,397	Design/Environmental	13,350					13,350
	Construction Management	16,264					16,264
	Construction	54,214					54,214
	Total	83,828					83,828

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
172,397	CDBG	83,828					83,828
	Total	83,828					83,828

Budget Impact/Other

The project is Fully Funded with a CDBG Grant of \$256,225. Future Operation of the Park is planned to be transferred to the Sunny Mesa Community Service District once the Park is completed.

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 8595
Project Name Scheduled Repairs

Type	Building	Department	RMA-Public Works & Facilities
Useful Life	20 Years	Contact	P. Lopez - 755-8998
Category	Fully Funded	Priority	1-Critical Health & Safety
Provider	PW: Facilities	Project Status	Fully Funded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	
		Status	Active



Description **Total Project Cost:** \$1,537,500

Funding is budgeted for scheduled non-emergency repairs to County facilities that fall outside the scope of routine maintenance. Funding will cover all associated project costs including related staff time. In FY 2016/17 the following project will commence:

- 1410 Natividad Road (Adult Detention) Replace Boiler #1 (\$135,000)
- 1410 Natividad Road (Adult Detention) Replace Boiler #1 (\$135,000)
- 1412 Natividad Road (Adult Rehabilitation) Replace Boiler 2 Camus Boiler in Laundry Room (\$180,000)
- 1410 Natividad Road (New Jail) Replace Boiler 2 Boiler in the Kitchen (\$270,000)
- 1410 Natividad Road (New Jail) Replace fire panels at new jail (\$315,000)
- 1412 Natividad Road (Adult Rehabilitation) Replace 2 generators (200KW & 300 KW) with 2- 300KW generators and remove 2 diesel day tanks (\$502,500)

Justification

The replacements are due to the health and safety of building occupants, regulatory compliance and energy conservation. Designated projects are scheduled for completion during the fiscal year, utilizing Job Order Contract or formal bid process. Project management and construction management costs are included. The mechanical components of the boilers and generators have exceeded their useful life and it is costly to keep up with the maintenance. More than 10% of the fire panels at new jail are nonfunctional and the old detectors will not comparable with the new BMS. Also the new equipment will reduce the energy consumption and maintenance cost.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	102,500					102,500
Construction Management	153,750					153,750
Construction	1,025,000					1,025,000
Contingency	256,250					256,250
Total	1,537,500					1,537,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fund 401	1,537,500					1,537,500
Total	1,537,500					1,537,500

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project #	8622		
Project Name	Castroville Railroad Bicycle/Pedestrian Crossing		
Type	Bicycle & Pedestrian	Department	RMA-Public Works & Facilities
Useful Life	100 Years	Contact	D. Poochigian - 755-4888
Category	Fully Funded	Priority	1-Critical Health & Safety
Provider	PW: Roads	Project Status	Fully Funded
Cost Accuracy	Budget Estimate +/- 10%	Dept Priority	N/A
		Status	Active



Description **Total Project Cost: \$10,205,446**

Project is to construct a bicycle and pedestrian path with a bridge over the Union Pacific Railroad (UPRR). The project will connect the existing bicycle path on Castroville Boulevard to McDougall Street in Castroville, approximately 0.75 of a mile long.

Justification

The proposed project will provide a safe railroad crossing for bicyclists, pedestrians and for the Community of Castroville; especially school aged children attending Elkhorn Elementary School and North Monterey County High School. Students, children, bicyclist, and the Castroville community will not have a safe crossing over the railroad track if project is not constructed.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
8,102,574	Construction Management	442,916					442,916
Total	Construction	1,659,956					1,659,956
	Total	2,102,872					2,102,872

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
8,102,574	ATP	543,770					543,770
Total	Road Fund	354,400					354,400
	STIP	1,204,702					1,204,702
	Total	2,102,872					2,102,872

Budget Impact/Other

Federal, State, and Local Funds.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8657
Project Name Moss Landing Underground Utility District 20A



Type Roads
Useful Life 20 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact N. Nichols - 755-5386
Priority 5-Desirable, Not Critical
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$419,349

Design and construct underground utilities on various roadways in the Rule 20A District.

Justification

Improve aesthetics and quality of life in the community

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
379,510	Design/Environmental	15,000					15,000
	Construction Management	24,839					24,839
Total	Total	39,839					39,839

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
379,510	Duke Energy Fund	39,839					39,839
Total	Total	39,839					39,839

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8668
Project Name Monterey Bay Sanctuary Scenic Trail-Moss Landing



Type Bicycle & Pedestrian
Useful Life 20 Years
Category Partially Funded
Provider PW: Roads
Cost Accuracy Budget Estimate +/- 10%

Department RMA-Public Works & Facilities
Contact I. Dela Merced - 755-4746
Priority 5-Desirable, Not Critical
Project Status Partially Funded
Dept Priority 3
Status Active

Description **Total Project Cost:** \$13,484,718

The project is a segment of the Monterey Bay Sanctuary Scenic Trail from Pacific Grove to Santa Cruz and is located in the North Monterey County community of Moss Landing. The project is approximately 0.86 +/- mile long extending from Moss Landing Road to the North Harbor of State Highway 1 Bridge. It includes the construction of a 10-foot paved bicycle path with 2-foot wide decomposed granite shoulders on each side of the path and a 12-foot-wide, 386-foot bridge over Elkhorn Slough.

Justification

Provides air quality benefits and safe access for bicyclists and pedestrians, offers an alternative mode of transportation to area destinations.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
2,617,669	Design/Environmental	321,866					321,866
	Right of Way/Utilities	170,665					170,665
	Construction Management		934,796	418,402			1,353,198
	Construction		4,510,660	4,510,660			9,021,320
	Total	492,531	5,445,456	4,929,062			10,867,049

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
2,617,669	Coastal Conservancy		1,500,000				1,500,000
	Road Fund	260,064					260,064
	Safety LU	232,467					232,467
	Unfunded		3,945,456	4,929,062			8,874,518
	Total	492,531	5,445,456	4,929,062			10,867,049

Budget Impact/Other

Cost estimate includes \$1.5M for driving one pile a day. Federal Funds (SAFETY LU) and Transportation Development Act (TDA). Project is not fully funded.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8690
Project Name State Hwy 1 Climbing Lane Carmel Vly Rd/Rio Rd



Type Roads
Useful Life 20 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Budget Estimate +/- 10%

Department RMA-Public Works & Facilities
Contact J. Pascua - 755-8963
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$5,259,459

Project is to widen northbound State Route 1 from Rio Rd to Carmel Valley Rd to accommodate an additional northbound lane (truck climbing lane). The proposed truck climbing lane will connect to the existing truck climbing lane north of Carmel Valley Rd. The project also includes constructing a second right-turn lane on westbound Rio Road onto northbound State Route 1.

Justification

The operational improvements to State Route 1 between Rio Rd and Carmel Valley Rd are needed because the arterial Level of Service (LOS) on this roadway segment is currently LOS "F" (breakdown) on peak weekend hours and LOS "E" (deficient) during peak weekday hours. The purpose of the project is to improve the LOS on State Route 1.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,089,761	Construction Management	290,000					290,000
	Construction	3,879,698					3,879,698
Total	Total	4,169,698					4,169,698

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1,089,761	Developer Impact Fees	150,062					150,062
	Minor A	225,000					225,000
	RSTP	794,636					794,636
	STIP	3,000,000					3,000,000
Total	Total	4,169,698					4,169,698

Budget Impact/Other

State Funds and Local/Regional Traffic Impact Fees.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8813
Project Name CIP Administration



Type Other
Useful Life
Category Fully Funded
Provider PW: Architectural Services
Cost Accuracy 100%
Department RMA-Public Works & Facilities
Contact D. Searle - 755-5061
Priority n/a
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$520,493

Funds for administrative preparation, reviews and analysis of potential projects during the year and special requests initiated by the CAO or Board, as well as funding the extensive update and project validation of the County's Capital Improvement Program (CIP) Five-Year Plan.

Justification

Many requests are made by County departments and agencies during the fiscal year to investigate potential projects. Architectural Services renders guidance on matters related to process and pre-planning for potential projects to ensure that requests are well researched, basic project schedules established, overall project budgets are formulated, and basic scope identified. This work allows County departments and agencies the ability to participate in the CIP process by pre-planning requests. The impact to not providing CIP Administration funding is a loss of planning services available for the Capital Improvement Program and inability to address and assist Departments in their definition and submission of potential projects for consideration.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other	520,493					520,493
Total	520,493					520,493

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fund 402	520,493					520,493
Total	520,493					520,493

Budget Impact/Other

400 Funds are allocated yearly.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8859
Project Name Facility Utilization Program



Type Building
Useful Life 50 Years
Category Fully Funded
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact J. Jeska-755-8964
Priority 4-Fiscal Impact
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$1,012,948

Project master plans the movement of tenants to Schilling Place, the Administration Bldg, E/W Wing Renovation and the removal of modular buildings 1 to 4. In addition, this project sets up the following programs that will take place at or affect Schilling Place: cafeteria, gym, childcare center, public transit, and cost analysis of collapsed leases.

Justification

Master planning and long-range planning on a higher level than specific projects must be done to understand the impact, optimization, and support required of future and existing capital improvement projects.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
831,507	Design/Environmental	101,441	80,000				181,441
Total	Total	101,441	80,000				181,441

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
831,507	Fund 404	101,441	80,000				181,441
Total	Total	101,441	80,000				181,441

Budget Impact/Other

FY 17/18 tasks: begin and complete construction of the E/W tenant improvements and move the District Attorney into the facility Complete tenant improvements to the 2nd floor of the Administration Bldg and move the Public Defender in. Remove Modular #4.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2014-03
Project Name Energy Efficiency Measures - Phase 3



Type Building
Useful Life 25 Years
Category Fully Funded
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact P. Lopez - 755-8998
Priority 2-Law or Mandate
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$1,000,000

This project is Phase 3 for meeting overall MCAP goals to reduce overall greenhouse gas emissions in a comprehensive manner over the course of five consecutive years.

New Jail: Replace ACU-1 (10 ton capacity) and install Building Management System (BMS); Youth Center: Replace 4 packaged AC units (1 at 6 tons, 1 at 2 tons, and 2 at 4 tons) and install BMS; Animal Shelter: Replace propane fired hot water heaters (3 at 100 gallons each) with condensing units

Justification

Comply with State of California Greenhouse Gas Reduction mandate AB32 and with 2010 General Plan policies to reduce the County's carbon footprint.

Replace old/obsolete equipment.

Reduce maintenance and utility costs.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
809,648	Construction Management	27,544					27,544
	Construction	138,387					138,387
	Contingency	24,421					24,421
	Total	190,352					190,352

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
809,648	Fund 401	190,352					190,352
	Total	190,352					190,352

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2014-04
Project Name Energy Efficiency Measures - Phase 4

Type Building
Useful Life 25 Years
Category Fully Funded
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact P. Lopez - 755-8998
Priority 2-Law or Mandate
Project Status Fully Funded
Dept Priority 5
Status Active



Description **Total Project Cost: \$1,000,000**

This project is Phase 4 for meeting overall MCAP goals to reduce overall greenhouse gas emissions in a comprehensive manner over the course of five consecutive years.
 Install Building Management System (BMS) at Probation Headquarters; Install HVAC Duct Work, replace AC Unit 1,3,5 & 6 and install BMS at Social Services in Seaside. If funding permits replace six HVAC units (2 at 8 tons, 1 at 5 tons, 1 at 6 tons, 1 at 10 tons, and 1 at 13 tons) at Agricultural Commission Building.

Justification

Comply with State of California Greenhouse Gas Reduction mandate AB32 and with 2010 General plan policies to reduce the County's carbon footprint. Replace old/ obsolete equipment. Reduce maintenance and utility costs. The impact of not conducting this project would be a loss to the advancement of meeting Monterey Climate Action Plan (MCAP) goals with an increase in building utility costs.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	112,476					112,476
Construction Management	112,476					112,476
Construction	562,380					562,380
Contingency	212,668					212,668
Total	1,000,000					1,000,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fund 401	1,000,000					1,000,000
Total	1,000,000					1,000,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # PW 2016-01
Project Name County Road Rehabilitation/Overlay



Type Roads **Department** RMA-Public Works & Facilities
Useful Life 10 Years **Contact** J. Pascua - 755-8963
Category Fully Funded **Priority** 3-Preserve Existing Facility
Provider Public Works **Project Status** Fully Funded
Cost Accuracy Program Estimate +/- 35% **Dept Priority** N/A
Status Active

Description **Total Project Cost:** \$16,335,000

FY18, Blanco Rd from Davis Rd to Reservation Rd; FY19, Gloria, Iverson, & Johnson Cyn roads; FY20, Fort Romie Rd from River Rd to Arroyo Seco Rd; FY21 Arroyo Seco Rd from Paraiso Springs Rd to Hwy 101, Jolon Rd 1 mi n/o Oasis Rd to 1 mi s/o Oasis Rd.

Justification

Proposed project will extend pavement life of the roadways.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
3,727,000	Design/Environmental		326,000	326,000	326,000	326,000	1,304,000
	Construction Management		326,000	326,000	326,000	326,000	1,304,000
	Construction		2,500,000	2,500,000	2,500,000	2,500,000	10,000,000
	Total		3,152,000	3,152,000	3,152,000	3,152,000	12,608,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
3,727,000	2018-19 Transient Occupancy Tax		3,152,000				3,152,000
	2019-20 Transient Occupancy Tax			3,152,000			3,152,000
	2020-21 Transient Occupancy Tax				3,152,000		3,152,000
	2021-22 Transient Occupancy Tax					3,152,000	3,152,000
	Total		3,152,000	3,152,000	3,152,000	3,152,000	12,608,000

Budget Impact/Other

"Prior" Includes actuals through FY16 & projections for FY17

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-08
Project Name HSIP Guardrail Replacement Project

Type Unassigned
Useful Life 10 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact M. Qureshi- 796-3009
Priority 5-Desirable, Not Critical
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$600,000

Replace existing guardrail at various locations within Monterey County along Carmel Valley Road, Carpenteria Road, Outlook Drive, Laureles Grade, Old Stage Road, Reservation Road, and San Juan Road.

Justification

Based on recent requests from the community and collision analyses, RMA-PW has reviewed several existing guardrails throughout the County and determined that these locations could benefit from upgrading the existing guardrail with new guardrail. The Department sought and was awarded grant funding for this project

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	102,000					102,000
Right of Way/Utilities	5,000					5,000
Construction Management	64,000					64,000
Construction	429,000					429,000
Total	600,000					600,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
HSIP	600,000					600,000
Total	600,000					600,000

Budget Impact/Other

This project is funded 100% by HSIP Grant Funds

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-09
Project Name Laureles Grade Rd and Carmel Valley Rd Roundabout

Type Roads **Department** RMA-Public Works & Facilities
Useful Life 25 Years **Contact** M. Qureshi- 796-3009
Category Partially Funded **Priority** 5-Desirable, Not Critical
Provider PW: Roads **Project Status** Partially Funded
Cost Accuracy Program Estimate +/- 35% **Dept Priority**
Status Active

Description **Total Project Cost:** \$2,950,000

Construct roundabout at intersection of Laureles Grade Rd and Carmel Valley Road

Justification

A regional study conducted by TAMC identified this location as one where a roundabout is recommended. The regional study considered a signal as an alternative.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	600,000	150,000				750,000
Right of Way/Utilities			500,000			500,000
Construction Management				200,000		200,000
Construction				1,500,000		1,500,000
Total	600,000	150,000	500,000	1,700,000		2,950,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Traffic Impact Fees	600,000	150,000	500,000	1,200,000		2,450,000
Unfunded				500,000		500,000
Total	600,000	150,000	500,000	1,700,000		2,950,000

Budget Impact/Other

This project is expected to be funded by Carmel Valley Road Traffic Impact fees with some of the construction funding coming from other sources, possibly measure X. There are minimal operations and maintenance costs for this project.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-10

Project Name Rogge Road Intersection Improvements

Type	Roads	Department	RMA-Public Works & Facilities
Useful Life	25 Years	Contact	M. Qureshi- 796-3009
Category	Partially Funded	Priority	n/a
Provider	PW: Roads	Project Status	Partially Funded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	
		Status	Active

Description

Total Project Cost: \$3,340,000

Construct intersection improvements at Rogge Road and San Juan Road to address operational and safety concerns.

Justification

The County has received numerous complaints from residents in the area about safety concerns resulting from the odd geometry of the location.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	50,000	600,000	150,000			800,000
Right of Way/Utilities			250,000			250,000
Construction Management					365,000	365,000
Construction					1,925,000	1,925,000
Total	50,000	600,000	400,000		2,290,000	3,340,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Traffic Impact Fees-Ad Hoc	50,000					50,000
Unfunded		600,000	400,000		2,290,000	3,290,000
Total	50,000	600,000	400,000		2,290,000	3,340,000

Budget Impact/Other

This project is expected to use Measure X funds in Fiscal years 18/19, 19/20, 21/22.

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-12
Project Name HSIP Pedestrian Beacons Project

Type Unassigned
Useful Life 10 Years
Category Fully Funded
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact M. Qureshi- 796-3009
Priority 5-Desirable, Not Critical
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost: \$244,500**

Install pedestrian activated overhead beacon and streetlights at Castroville Blvd and Elkhorn Rd and rapid rectangular flashing beacons at Rio Road and Via Nona Marie.

Justification

Based on recent requests from the community and collision analyses, RMA-PW has determined that these locations could benefit from the installation of pedestrian beacons. The Department sought and was awarded grant funding for this project.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	43,500					43,500
Construction Management	26,000					26,000
Construction	175,000					175,000
Total	244,500					244,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
HSIP	244,500					244,500
Total	244,500					244,500

Budget Impact/Other

This project is funded 100% by HSIP Grant Funds

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2016-03
Project Name ADA Improvements Phase 3



Type Other
Useful Life 25 Years
Category Fully Funded
Provider PW: Facilities
Cost Accuracy Capped-0%
Department RMA-Public Works & Facilities
Contact D. Pratt - 796-6091
Priority 2-Law or Mandate
Project Status Fully Funded
Dept Priority 1
Status Active

Description **Total Project Cost:** \$200,000

This project is scheduled for year three of the five year program for Americans with Disabilities Act (ADA) improvements identified in a comprehensive ADA facility master plan. Phase 3's focus is on multiple County owned facilities.

Justification

This is an ongoing program to upgrade existing County owned facilities to comply with Federal requirements.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction Management	33,000					33,000
Construction	5,080					5,080
Previous Years	161,920					161,920
Total	200,000					200,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
161,920	Fund 401	38,080					38,080
Total	Total	38,080					38,080

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # PWF 2016-04
Project Name ADA Improvements Phase 4



Type Other
Useful Life 25 Years
Category Fully Funded
Provider PW: Facilities
Cost Accuracy Capped-0%

Department RMA-Public Works & Facilities
Contact D. Pratt - 796-6091
Priority 2-Law or Mandate
Project Status Fully Funded
Dept Priority
Status Active

Description **Total Project Cost:** \$200,000

This project is scheduled for year four of the five year program for Americans with Disabilities Act (ADA) improvements identified in a comprehensive ADA facility master plan. Phase four focus is on multiple County-owned facilities, including but not limited to Animal Services, 160 Hitchcock Road, Salinas, and Adult Detention Facility.

Justification

This is an ongoing program to upgrade existing County owned facilities to comply with Federal requirements.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	28,570					28,570
Construction Management	28,570					28,570
Construction	142,860					142,860
Total	200,000					200,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fund 401	200,000					200,000
Total	200,000					200,000

Budget Impact/Other

Sheriff-Coroner

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 8819
Project Name Jail Housing Addition



Type Building
Useful Life 50 Years
Category Fully Funded
Provider PW: Architectural Services
Cost Accuracy Engineer's Estimate +/- 5%

Department Sheriff-Coroner
Contact Peter Andreu 755-4806
Priority 2-Law or Mandate
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$88,900,000

The project consists of a new addition to the existing Monterey County Adult Jail. The project consists of 576 new beds, dayroom, visiting room, program space, outdoor exercise area, central control room, and new administration office space. The cost estimate has been provided by the Design Consultant and verified by third party review.

Justification

This project is ongoing. The new addition will relieve the high occupancy count, provide for classification of inmates into the proper housing type and improve office, staff, public, and inmate safety.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
15,577,531	Design/Environmental	450,000	375,985				825,985
	Construction	45,473,253	21,770,398				67,243,651
	Other	3,310,850	1,510,759	431,224			5,252,833
	Total	49,234,103	23,657,142	431,224			73,322,469

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
15,577,531	AB900	49,234,103	23,657,142	431,224			73,322,469
	Total	49,234,103	23,657,142	431,224			73,322,469

Budget Impact/Other

Funding for this project is provided through County Fund 404 and State grant funds under AB 900. \$8,900,000 is provided by the County as a match to State funds. The annual Operations and Maintenance Impact to County is being evaluated.

5-Year Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 8872
Project Name Jail Security Improvements



Type Building
Useful Life 20 Years
Category Fully Funded
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%

Department Sheriff-Coroner
Contact Chief Moore - 755-3859
Priority 1-Critical Health & Safety
Project Status Fully Funded
Dept Priority N/A
Status Active

Description **Total Project Cost:** \$3,044,621

Replace the outdated, nonoperational camera surveillance system currently installed at the Monterey County Jail. Replace outdated, nonoperational door locking controls system currently installed at Monterey County Jail

Justification

The Monterey County Sheriff's Office Jail Complex consists of the following areas:

- 1.Rehabilitation Facility
- 2.Women's Facility
- 3.Main Jail
- 4.Reception Center

As a result of a 2014 site survey/needs assessment, it was determined that it would require approximately 140 new cameras to make the Jail a safer environment for all personnel assigned and the inmates detained in each of the aforementioned facilities. Additionally, a Safety/Security review of the Monterey County Jail identified significant problems with current security and surveillance cameras. Assessments completed in 2015 and 2016 provide recommendations for specific improvements relating to video surveillance, suicide prevention and accessibility.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
944,718	Design/Environmental	32,460					32,460
	Construction Management	109,065					109,065
	Construction	1,944,336					1,944,336
	Furniture Fixtures & Equipment	14,042					14,042
	Total	2,099,903					2,099,903

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
944,718	Fund 402	2,099,903					2,099,903
	Total	2,099,903					2,099,903

Budget Impact/Other

Funding includes capital project funds, fund 402 allocated in FY16 and fund 402 FY15 ending fund balance.

Future Needs List of Partially and Unfunded Capital Projects

Monterey County, California
Future Needs - Capital Improvement Plan
 '17/'18 thru '21/'22

PROJECTS BY DEPARTMENT

Department	Project#	Priority	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Cooperative Extension Service								
1432 Abbott St.- Modular Building	62101	5		288,750				288,750
Cooperative Extension Service Total				288,750				288,750
Health								
Behavioral Health Center Soledad	1702	1		5,125,000	4,125,000			9,250,000
Integrated Health Center East Salinas	1703	1		5,125,000	4,125,000			9,250,000
Health Total				10,250,000	8,250,000			18,500,000
Information Technology								
Data Center Facility Upgrade	1930-100	3	300,000	1,255,000				1,555,000
ITD Renovation	1930-101	3	275,000					275,000
ITD Facility Refurbish	1930-102	3		655,700				655,700
ITD Facility HVAC Upgrade	1930-103	3		186,500	37,500			224,000
Virtual Server Farm	1930-104	1	1,165,000		250,000	250,000		1,665,000
Enterprise Video Conferencing	1930-107	1	250,000		250,000			500,000
Enterprise Wireless Network	1930-108	5		500,000	500,000	250,000	250,000	1,500,000
WAN Connection Redundancy	1930-109	5				125,000	125,000	250,000
Microwave Replacement	1930-11	2	1,330,000	1,330,000				2,660,000
Phone System Virtualization in the Cloud	1930-110	5					250,000	250,000
Call Center ACD Cloud Solution	1930-111	5				250,000		250,000
Enterprise Backup Internet Connectivity	1930-112	5			525,000			525,000
Network Application Performance Monitoring	1930-113	5					150,000	150,000
Radio P25 Phase II Feasibility Study	1930-114	5				250,000		250,000
Network Infrastructure Upgrade	1930-12	3	1,850,000					1,850,000
Phone Set Upgrade	1930-13	1	300,000	300,000				600,000
Phone System Infrastructure Upgrade	1930-14	2	400,000					400,000
Access Layer Switches	1930-17	1	1,300,000					1,300,000
UPS for VoIP Switches	1930-18	1	650,000	650,000				1,300,000
MoCo Critical Site Infrast Readiness	IT 2016-01	1	1,670,000	1,000,000	1,670,000	1,000,000	250,000	5,590,000
Information Technology Total			9,490,000	5,877,200	3,232,500	2,125,000	1,025,000	21,749,700
Library								
Gonzales Library	61102	5	1,155,000	9,470,760				10,625,760
Aromas Library	61105	5	150,000	3,665,000				3,815,000
East Garrison Library	61106	5		4,005,750				4,005,750
Bookmobile	61108	5		370,000				370,000
Butterfly Village Branch Library	61111	5				4,408,269		4,408,269
Big Sur Branch Library	61112	5					4,624,685	4,624,685
Chualar Branch Library	61113	5				4,408,269		4,408,269
Parkfield Branch Library	61114	1	150,000	900,000				1,050,000
Archives	L-1602	1		6,035,800				6,035,800
Bradley Branch Library	L-1603	n/a	200,000	975,000				1,175,000

Department	Project#	Priority	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Library Total			1,655,000	25,422,310		8,816,538	4,624,685	40,518,533
Probation								
1422 Natividad Rd. HVAC/Air Handler Replacement	816706	1	3,465,092					3,465,092
Youth Center Interim Repairs	8786	1	137,160					137,160
1422 Natividad Road Elevator Modernization	PD 2017-01	3	259,875					259,875
Aftercare Modular Building at Youth Center	PD 2017-02	1	131,456					131,456
855 E. Laurel Dr. Bldg H - Heat Generating Systems	PD 2017-03	3	420,979					420,979
1422 Natividad Rd - Bathrooms and Facility Floors	PD 2017-04	3			127,206			127,206
1422 Natividad Rd - Communication Security	PD 2017-05	3			182,056			182,056
1422 Natividad Road - Electrical Service	PD 2017-06	3			145,534			145,534
20 E. Alisal St. Switchboard & Circuit Replacement	PD 2017-07	3					137,936	137,936
1422 Natividad Rd Ceiling Finishes	PD 2017-09	3					277,328	277,328
1422 Natividad Rd Roof Replacement	PD 2017-10	3				716,124		716,124
1422 Natividad Rd - Parking Lot & Sidewalks	PD 2017-11	3			219,189			219,189
Youth Ctr Paint/Seal Exterior Masonry	PD 2017-14	3		153,563				153,563
Probation Total			4,414,562	153,563	673,985	716,124	415,264	6,373,498
RMA-Parks								
Replace Aging Turf Mowers at Day Use Parks	2015-P-1	3	100,000	100,000				200,000
Lake San Antonio North Shore Road Rehabilitation	2015-P-10	3	82,570	58,723	61,660	64,742		267,695
Replace Septic Vacuum Truck	2015-P-11	1	120,000					120,000
Replace Fuel Dock and Marina at Lake San Antonio	2015-P-12	1	417,040					417,040
San Lorenzo Public Building Rehabilitation	2015-P-13	2	60,475	63,499	66,674	70,007		260,655
South Shore Lake San Antonio Admn Bldg & Prkg Lot	2015-P-14	1	55,000	257,250				312,250
Toro Park Restroom Upgrades	2015-P-16	2	165,000	155,000	165,000			485,000
Replace Water Tank at Lake San Antonio South Shore	2015-P-17	2		110,250	1,091,476			1,201,726
Barloy Canyon Road Repairs	2015-P-2	3	150,000	105,000	110,250			365,250
Replace Siding at Lake Nacimiento & Rmv Bat Infest	2015-P-7	3	191,425	200,996	211,048	221,598		825,067
Lake Nacimiento Maintenance Shop Replacement	2015-P-8	1	175,000					175,000
Replace Oak Knoll Lift Station at Lake Nacimiento	2015-P-9	1	220,000					220,000
Nacimiento Lake View Cabin Decks Repair	2017-P-2	1	346,000					346,000
2610 San Antonio - Entry Gate Replacement	8514	3	217,767					217,767
RMA-Parks Total			2,300,277	1,050,718	1,706,108	356,347		5,413,450
RMA-Public Works & Facilities								
Robinson Canyon Road Slip Out	1573	3		850,000				850,000
Arroyo Seco Channel Modification	1721-2	2	25,000	100,000	125,000			250,000
Joint City and County Parking Structure	2014-01	n/a			26,460,189			26,460,189
Medical Condo Site Improvements	4011	3		875,000				875,000
MCGC Administration Bldg - Traffic Signal	40401	2		295,000				295,000
Las Lomas Dr Bicycle Lane & Pedestrian Project	8667	1		405,000	2,377,917			2,782,917
Administration Bldg Tenant Improvements 2nd Floor	8865	4	861,441					861,441
Energy Efficiency Measures - Phase 5	PW 2014-05	2		1,000,000				1,000,000
142 W. Alisal Street EIR	PW 2017-06	3	150,000					150,000
San Miguel Canyon Rd/Castroville Blvd Roundabout	PW 2017-07	5	600,000	175,000	2,290,000			3,065,000
Roundabout at Werner Rd, Salinas Rd, and Hall Rd.	PW 2017-11	5	100,000		600,000	175,000	2,290,000	3,165,000
Safety and Security Measures - Phase 1 of 5	PW 2017-13	1	350,500	350,500	350,500	350,500	350,500	1,752,500
Natividad Campus Master Plan	PW 2017-14	1	150,000					150,000
Signage and Wayfinding	PW 2017-15	5	150,000	150,000	150,000	150,000	150,000	750,000
Removal of Decommissioned Facilities	PW 2017-16	n/a	239,660					239,660
Schilling Place - North RMA Tenant Improvement	PW 2017-17	5	525,370					525,370
Solar Energy Initiatives - Phase 1 of 5	PW 2017-18	n/a	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
142 W. Alisal Street Commemorative Park	PW 2017-19	n/a			4,555,932			4,555,932

Department	Project#	Priority	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
1200 Aguajito Road Renovations	PW 2017-20	n/a					66,863,673	66,863,673
1352 Natividad Adaptive Reuse	PW 2017-21	5			3,240,837			3,240,837
ADA Improvements Phase 5	PUF 2016-05	2		200,000				200,000
HVAC System Repair/Replacement Program	PUF 2017-04	3	330,000	330,000	330,000	330,000	330,000	1,650,000
Generator Replacement Program	PUF 2017-05	3	330,000	330,000	330,000	330,000	330,000	1,650,000
Fire Safety System Program	PUF 2017-06	3	247,500	247,500	247,500	247,500	247,500	1,237,500
Electrical System Maintenance and Repair Program	PUF 2017-07	3	247,500	247,500	247,500	247,500	247,500	1,237,500
Parking Lot Lighting Program	PUF 2017-08	3	247,500	247,500	247,500	247,500	247,500	1,237,500
Parking Lot Pavement Repair Program	PUF 2017-09	3	330,000	330,000	330,000	330,000	330,000	1,650,000
Plumbing System Replacement and Repairs Program	PUF 2017-10	3	247,500	247,500	247,500	247,500	247,500	1,237,500
Boiler Replacement Program	PUF 2017-11	3	247,500	247,500	247,500	247,500	247,500	1,237,500
Water Softener Replacement Program	PUF 2017-12	n/a	165,000	165,000	165,000	165,000	165,000	825,000
RMA-Public Works & Facilities Total			8,544,471	9,793,000	45,542,875	6,068,000	75,046,673	144,995,019
Sheriff-Coroner								
Security Canopy - Salinas Court Holding Facility	25105	1		315,000				315,000
Coastal Patrol Station-Monterey Courthouse	SO 2004-039	1	290,000					290,000
South County Facility Repaving Project	SO 2004-040	3	232,000					232,000
Public Safety Building Maintenance and Upgrade	SO 2004-35	2			302,086			302,086
Replace Flooring in Men's Dorms - Adult Detention	SO 2011-01	3		115,763	159,588			275,351
Replace Floors in Men's Pods A-J Adult Detention	SO 2011-02	3		185,220	255,339			440,559
Replace Roof at Sally Port and Intake Area	SO 2011-05	3			2,623,950			2,623,950
Men & Women's Roof - Exercise Area-Adult Detention	SO 2011-06	3			790,078	1,037,314		1,827,392
1414 Natividad PSB - Replace Chiller	SO 2017-01	3		215,250				215,250
Repair Plumbing Lines - Adult Detention	SO-11-11	3	110,250	156,769				267,019
Sheriff-Coroner Total			632,250	988,002	4,131,041	1,037,314		6,788,607
Social Services								
1 Medical Center Drive, Salinas, Women's Shelter	DSS-17-01	3	2,898,000					2,898,000
Coastal Office Improvements	DSS-17-02	n/a	6,160,000					6,160,000
Social Services Total			9,058,000					9,058,000
GRAND TOTAL			36,094,560	53,823,543	63,536,509	19,119,323	81,111,622	253,685,557

Future Needs Capital Projects Sheets

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 62101
Project Name 1432 Abbott St.- Modular Building

Type Building
Useful Life 20 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Cooperative Extension Service
Contact Maria de la Fuente/831-759-735
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 1
Status Future Needs



Description **Total Project Cost:** \$288,750

Grant funds are available for personnel, but not for space to put our equipment and personnel. We have the land on which to place a modular, so this request is for a modular to house a food safety laboratory, personnel, and research equipment and materials.

Justification

Food safety has become a critical research need, both for human health, and the health Monterey County's economy - largely driven by agriculture. The staff number is 27 in the summer. We have outgrown desk space and laboratory space. We are anticipating reorganization and a positive UC budget. Without a place to put advisors, Monterey County could lose out to other counties that will provide space.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		31,500				31,500
Construction Management		31,500				31,500
Construction		157,500				157,500
Maintenance		15,750				15,750
Furniture Fixtures & Equipment		52,500				52,500
Total		288,750				288,750

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		288,750				288,750
Total		288,750				288,750

Budget Impact/Other

Utilities paid by Agricultural Commissioners office.

Prior CF earmark in the amount of \$275K reallocated to higher priority projects.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance		1,100	700	800	900	3,500
Total		1,100	700	800	900	3,500

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1702
Project Name Behavioral Health Center Soledad

Type Building
Useful Life 20 Years
Category Future Year Unfunded Needs
Provider TBD
Cost Accuracy Program Estimate +/- 35%

Department Health
Contact Chris LeVenton 755-4513
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 3
Status Future Needs

Description **Total Project Cost:** \$9,250,000

New construction of approximately 10,000 sq. ft. building with approximately 15 interview rooms, waiting room and related offices to provide Behavioral Health Services to South County patients.

Justification

Patient needs exceeds the capacity at the current location. In that past two years we have been unable to locate a larger building to accommodate the current program.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		1,000,000				1,000,000
Right of Way/Utilities		125,000	25,000			150,000
Construction Management		500,000	500,000			1,000,000
Construction		2,500,000	2,500,000			5,000,000
Furniture Fixtures & Equipment			350,000			350,000
Contingency		1,000,000	750,000			1,750,000
Total		5,125,000	4,125,000			9,250,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fee for Service Revenues		350,000	350,000			700,000
MHSA		1,500,000	1,500,000			3,000,000
Unfunded		3,275,000	2,275,000			5,550,000
Total		5,125,000	4,125,000			9,250,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1703
Project Name Integrated Health Center East Salinas

Type Unassigned
Useful Life 20 Years
Category Future Year Unfunded Needs
Provider TBD
Cost Accuracy Program Estimate +/- 35%
Department Health
Contact C. Le Venton - 755-4513
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 4
Status Future Needs

Description **Total Project Cost:** \$9,250,000

New construction of approximately 10,000 sq. ft. building with 15 interview/exam rooms, waiting room and related offices to provide Medical and Behavioral Health Services to East Salinas patients.

Justification

For several years we have been seeking to establish a full size Medical Clinic with Behavioral Health Services in East Salinas (see project 901). This project is an alternative to the full size Medical Clinic located in East Salinas. This would be a smaller building with combined (Integrated) Medical and Behavioral health services located in East Salinas. This model would allow the large clinic to be place in proximity to East Salinas.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		1,000,000				1,000,000
Right of Way/Utilities		125,000	25,000			150,000
Construction Management		500,000	500,000			1,000,000
Construction		2,500,000	2,500,000			5,000,000
Furniture Fixtures & Equipment			350,000			350,000
Contingency		1,000,000	750,000			1,750,000
Total		5,125,000	4,125,000			9,250,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Fee for Service Revenues		350,000	350,000			700,000
MHSA		1,500,000	1,500,000			3,000,000
Unfunded		3,275,000	2,275,000			5,550,000
Total		5,125,000	4,125,000			9,250,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 1930-100
Project Name Data Center Facility Upgrade

Type Unassigned
Useful Life 10 Years
Category .
Provider Information Technology
Cost Accuracy Preliminary Estimate +/- 20%
Department Information Technology
Contact Michael Gross 759-6941
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 4
Status Future Needs

Description **Total Project Cost:** \$1,555,000

Upgrade the ITD Data Center to create a highly secure, highly available, energy efficient environment to host the County's critical IT Infrastructure. Project includes installation of equipment racking equipment, upgrading electrical distribution (FY 17-18) to include replacing the main switchboard, new HVAC (FY17-18), replacement of ATS (FY 18-19), UPS Replacement (FY18-19), Backup Generator Replacement (FY18-19)

Project Score: 34

Health/Safety: 0 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 5
 Funding: 1

Justification

During the summer of 2015 the County engaged Kitchell to perform an assessment of County facilities. The ITD Facility deficiencies noted included the need to address shortcomings in the main electrical switchboard (Item# D5012.790), 3 Pole Automatic Transfer Switches (Item G4092.013), Generator (Item G4092.020), and Split Liebert DX HVAC (Item D3052.012). Other items not reviewed by the Kitchell report include installation of a new uninterruptible Power Supply (UPS) to provide emergency backup power to the critical IT Infrastructure. With the move to migration of the County's applications from a physical to a virtual environment the need to support the highly available infrastructure is even more important.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		55,000				55,000
Construction Management	20,000	65,000				85,000
Construction	210,000	465,000				675,000
Furniture Fixtures & Equipment	35,000	535,000				570,000
Contingency	35,000	135,000				170,000
Total	300,000	1,255,000				1,555,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	300,000	1,255,000				1,555,000
Total	300,000	1,255,000				1,555,000

Budget Impact/Other

Pending approval FY17/18, current funding status is unfunded.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-101

Project Name ITD Renovation

Type	Building	Department	Information Technology
Useful Life	15 Years	Contact	Michael Gross 759-6941
Category	.	Priority	3-Preserve Existing Facility
Provider	PW: Facilities	Project Status	Unfunded
Cost Accuracy	Preliminary Estimate +/- 20%	Dept Priority	7
		Status	Future Needs

Description

Total Project Cost: \$275,000

Remodel the two existing restrooms at the County's Information Technology Facility located at 1590 Moffett Street.

Project Score: 76

Health/Safety: 30 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 5
Funding: 1

Justification

The restrooms in the ITD facility at 1590 Moffett St were last renovated in late 1992. Since that time every effort has been made to keep them operational, but the problems with unusable toilets, sinks, and urinal continue to plague the facility nonetheless. In 2015 problems with collapsed floor drains were addressed, but even after that work was completed the restrooms have continued to deteriorate. There are continuous reports of fould odors emanating from the floor drains, and all of the fixtures work poorly at best. These facilities require immediate attention.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	35,000					35,000
Construction Management	20,000					20,000
Construction	190,000					190,000
Contingency	30,000					30,000
Total	275,000					275,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	275,000					275,000
Total	275,000					275,000

Budget Impact/Other

Entire project will be completed in FY 17-18

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 1930-102
Project Name ITD Facility Refurbish



Type Building
Useful Life 10 Years
Category Future Year Unfunded Needs
Provider TBD
Cost Accuracy Preliminary Estimate +/- 20%

Department Information Technology
Contact M. Gross - 759-6941
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 13
Status Future Needs

Description **Total Project Cost:** \$655,700

Refurbish the ITD facility to create a facility which will attract new talent, and provide current staff with a clean and health working environment. This work includes replacing carpet and ceiling tiles, removal of wall paper and prep and repainting all interior surfaces, exterior sealing and repainting, repairs to parking lot and sidewalks and upgrading the employee break room.

Justification

The offices, hallways and common areas in the ITD facility were last painted and carpeted in late 1992. During the summer of 2015 the County engaged Kitchell to perform an assessment of County facilities. The ITD Facility was reviewed during that project and numerous deficiencies associated with the aging facility were noted. These included the need to address shortcomings in wall coverings (Item C3012.012), carpets (Item C3030-001) and exterior walls (Item B2011.007), ceiling tiles (Item C3032.001), Parking Lot Asphalt (Item G2022.006), and Pedestrian Paving (G2031.026). Other items not reviewed by the Kitchell report include the resealing and repainting of the facility exterior, and refurbishing of the employee break room.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction Management		55,300				55,300
Construction		505,000				505,000
Other		40,400				40,400
Contingency		55,000				55,000
Total		655,700				655,700

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		655,700				655,700
Total		655,700				655,700

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-103
Project Name ITD Facility HVAC Upgrade

Type Building
Useful Life 10 Years
Category Future Year Unfunded Needs
Provider Information Technology
Cost Accuracy Preliminary Estimate +/- 20%

Department Information Technology
Contact Michael Gross 759-6941
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 14
Status Future Needs

Description **Total Project Cost:** \$224,000

Replace aging HVAC equipment at the ITD facility. This work includes replacing 4 roof mounted split ductless units supporting conference rooms, break room and classroom and 3 DX packaged units in FY18-19 and 2 additional DX package units in FY19-20. Pending approval FY17/18, project to be completed over a period of 2 years.

Justification

ITD has been replacing HVAC units using operational funds since acquiring the facility in 1992. During the summer of 2015 the County engaged Kitchell to perform an assessment of County facilities. The ITD Facility was reviewed during that project and numerous deficiencies associated with the aging HVAC equipment were noted. These included the need to replace 4 ductless ac units (Item D3052.008), 3 packaged DX units (Item D3052.007), 2 packaged DX units (Item D3052.010)

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		5,000	5,000			10,000
Construction Management		35,000	3,500			38,500
Construction		136,500	26,000			162,500
Furniture Fixtures & Equipment			3,000			3,000
Contingency		10,000				10,000
Total		186,500	37,500			224,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		224,000				224,000
Total		224,000				224,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-104
Project Name Virtual Server Farm

Type Unassigned
Useful Life 5 Years
Category .
Provider Information Technology
Cost Accuracy Capped-0%
Department Information Technology
Contact Michael Gross 759-6941
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 5
Status Future Needs

Description **Total Project Cost: \$1,665,000**

Implement Virtual Server Environment, enterprise backup solution, and Storage area Network environments capable of supporting virtualization of 200 existing physical application servers and able to expand to handle future application workloads to support need of County departments.

Project Score: 26

Health/Safety: 0 Economic Impact: 0 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 5 County Environmental Goals: 5
 Funding: 1

Justification

Currently ITD is hosting over 270 physical servers and 46 Virtual servers in the ITD Data Center. This project will reduce physical hardware footprint, and simplify backup and storage system complexity. When completed, we will benefit by reducing the reliance on aging hardware and subsequent high operating costs as the new virtualized environment will realize energy savings of approximately 60% and require significantly less HVAC capacity. In addition the ability to respond to customer computing demands in a timely manner will be greatly enhanced as new virtual servers will be available to load applications within hours rather than weeks as is currently required by using physical servers.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment	1,165,000		250,000	250,000		1,665,000
Total	1,165,000		250,000	250,000		1,665,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	1,165,000		250,000	250,000		1,665,000
Total	1,165,000		250,000	250,000		1,665,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-107
Project Name Enterprise Video Conferencing

Type Equipment
Useful Life 6 Years
Category .
Provider Information Technology
Cost Accuracy Capped-0%
Department Information Technology
Contact A. Zheng - 759-6991
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 8
Status Future Needs

Description **Total Project Cost:** \$500,000

Design and deploy an enterprise video conferencing solution.

Project Score: 51

Health/Safety: 0 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 5 County Environmental Goals: 5
 Funding: 1

Justification

Area wise, Monterey County is one of the largest Counties in the State of California. The need for a solution to allow for virtual face to face meetings between project stakeholders, Department Heads, and business leaders is greater than ever. The goal of this project is to allow for greater collaboration and participation while relieving County staff from productive time lost in traveling to and from meetings. In addition, this solution will reduce the use of fuels, reduce the risk of accidents, and extend the life of the County's fleet vehicles.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment	250,000		250,000			500,000
Total	250,000		250,000			500,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	250,000		250,000			500,000
Total	250,000		250,000			500,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-108
Project Name Enterprise Wireless Network

Type Equipment
Useful Life 6 Years
Category Future Year Unfunded Needs
Provider Information Technology
Cost Accuracy Program Estimate +/- 35%
Department Information Technology
Contact Alex Zheng -759-6991
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 12
Status Future Needs

Description **Total Project Cost:** \$1,500,000

Design and deploy Wireless (WiFi) network technology county-wide. Project to be completed over a period of 4 years.

Justification

With the continuous expansion of the Internet of Things (IoT) consisting of cellular phones, tablet and laptop PCs, and a myriad of other technologies, the need to provide access to staff, vendors and constituents is real and mandatory. This project will enable rapid deployment of wireless technologies and enforce County security standards are met throughout the County.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment		500,000	500,000	250,000	250,000	1,500,000
Total		500,000	500,000	250,000	250,000	1,500,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		500,000	500,000	250,000	250,000	1,500,000
Total		500,000	500,000	250,000	250,000	1,500,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-109

Project Name WAN Connection Redundancy

Type	Equipment	Department	Information Technology
Useful Life	6 Years	Contact	Alex Zheng -759-6991
Category	Future Year Unfunded Needs	Priority	5-Desirable, Not Critical
Provider	Information Technology	Project Status	Unfunded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	16
		Status	Future Needs

Description

Total Project Cost: \$250,000

Design and deploy a redundant wide area network (WAN). Project to be completed over a period of 2 years.

Justification

Use lower cost internet connection to replace/backup AT&T ASE WAN connectivity. This connectivity will be from a different provider other than AT&T so that service will be maintained during regional network outages that affect AT&T network. This solution will also improve disaster recovery as more services are hosted in the cloud. This project budget should include any hardware and costs associated with turn up of these services during the first budget year.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment				125,000	125,000	250,000
Total				125,000	125,000	250,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded				125,000	125,000	250,000
Total				125,000	125,000	250,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-11
Project Name Microwave Replacement



Type Equipment
Useful Life 10 Years
Category .
Provider TBD
Cost Accuracy Capped-0%

Department Information Technology
Contact A. Zheng - 759-6991
Priority 2-Law or Mandate
Project Status Unfunded
Dept Priority 11
Status Future Needs

Description **Total Project Cost:** \$3,210,000

Replacement of the core microwave network which supports radio communications for public safety, first responders, and 911. The microwave network also supports telecommunications for county agencies and data network access for county agencies.

Project Score: 59

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Microwave network supports network, telecommunications, and radio communications traffic either as a primary or redundant path and is currently outdated and out of warranty. The current system is maintained with refurbished parts and needs to be upgraded to properly support the forthcoming upgrades in the technologies that will require microwave support.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
550,000	Furniture Fixtures & Equipment	1,330,000	1,330,000				2,660,000
Total	Total	1,330,000	1,330,000				2,660,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
550,000	Unfunded	1,330,000	1,330,000				2,660,000
Total	Total	1,330,000	1,330,000				2,660,000

Budget Impact/Other

Primary links for radio, phone, and network is no longer supported, failure of the devices will impact all three areas of technology. Funding for this project was provided by County Department Contribution in FY16/17 and prior years. Current funding status is unfunded. Annual O&M impact to the County is being evaluated.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-110

Project Name Phone System Virtualization in the Cloud

Type	Equipment	Department	Information Technology
Useful Life	6 Years	Contact	Alex Zheng -759-6991
Category	Future Year Unfunded Needs	Priority	5-Desirable, Not Critical
Provider	Information Technology	Project Status	Unfunded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	20
		Status	Future Needs

Description

Total Project Cost: \$250,000

Migrate phone system call processing to cloud based solution. A diverse solution be implemented that utilizes both private and public cloud for resiliency and disaster recovery and reduces phone application hardware footprint.

Justification

A diverse solution be implemented that utilizes both private and public cloud for resiliency and disaster recovery and reduces phone application hardware footprint. This project will leverage the "WAN connectivity redundancy project" internet connectivity to provide resilient connection to cloud based phone application services.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment					250,000	250,000
Total					250,000	250,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded					250,000	250,000
Total					250,000	250,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-111
Project Name Call Center ACD Cloud Solution

Type Equipment
Useful Life 6 Years
Category Future Year Unfunded Needs
Provider Information Technology
Cost Accuracy Program Estimate +/- 35%
Department Information Technology
Contact Alex Zheng -759-6991
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 17
Status Future Needs

Description **Total Project Cost:** \$250,000

Call Center ACD Cloud Solution

Justification

A diverse solution be implemented that utilizes both private and public cloud for resiliency and disaster recovery and reduces phone application hardware footprint. This project will leverage the "WAN connectivity redundancy project" internet connectivity to provide resilient connection to cloud based phone application services.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment				250,000		250,000
Total				250,000		250,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded				250,000		250,000
Total				250,000		250,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-112
Project Name Enterprise Backup Internet Connectivity

Type Equipment
Useful Life 6 Years
Category Future Year Unfunded Needs
Provider Information Technology
Cost Accuracy Program Estimate +/- 35%
Department Information Technology
Contact Alex Zheng -759-6991
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 15
Status Future Needs

Description **Total Project Cost:** \$525,000

Install redundant ISP internet connectivity for the enterprise to be available in the event of a catastrophic loss of connection to our primary ISP.

Justification

While service outages are rare, connectivity through our primary ISP is vulnerable to service interruption which given the large number of cloud based applications and even the County's ERP system which is internet based could result in a total loss of service for many critical applications the public relies on for critical service delivery.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment			525,000			525,000
Total			525,000			525,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			525,000			525,000
Total			525,000			525,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-113
Project Name Network Application Performance Monitoring

Type Equipment
Useful Life 6 Years
Category Future Year Unfunded Needs
Provider Information Technology
Cost Accuracy Program Estimate +/- 35%
Department Information Technology
Contact Alex Zheng -759-6991
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 18
Status Future Needs

Description **Total Project Cost:** \$150,000

Develop and deploy network monitoring tools which will provide enhanced application performance monitoring capability as well network performance monitoring.

Justification

With the convergence of technologies and the pervasiveness of cloud based applications, monitoring the networks ability to support these applications and enable opportunities for tuning is a must. This project will provide those capabilities and enable the network staff to manage the network and provide for maximum speed and reliability.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment					150,000	150,000
Total					150,000	150,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded					150,000	150,000
Total					150,000	150,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-114
Project Name Radio P25 Phase II Feasibility Study

Type Equipment
Useful Life n/a
Category Future Year Unfunded Needs
Provider Information Technology
Cost Accuracy Program Estimate +/- 35%
Department Information Technology
Contact Alex Zheng -759-6991
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 19
Status Future Needs

Description **Total Project Cost:** \$250,000

Radio P25 Phase II project will review required radio transmission sites to support the move to TDMA

Justification

The P25 Project Phase I was part of the Next Generation Radio (NGEN) project submitted via ECD. Phase II includes changing to TDMA will effectively double the number of frequencies available to subscribers of the system. IN order to move to TDMA additional transmission sites need to be added to support the new system. This project will determine the required location of the new sites.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental				250,000		250,000
Total				250,000		250,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded				250,000		250,000
Total				250,000		250,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-12
Project Name Network Infrastructure Upgrade



Type Equipment
Useful Life 5 Years
Category .
Provider TBD
Cost Accuracy Capped-0%
Department Information Technology
Contact A. Zheng - 759-6991
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 1
Status Future Needs

Description **Total Project Cost:** \$5,336,194

Upgrade/replace network equipment at external sites to provide reliable and supportable County network services. In progress/on schedule-multi-year project. Funding of \$3,486,194 was approved for FY16-17 and prior years.

Project Score: 69

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Critical equipment is either nearing the end of support and/or cannot be supported due to age. Device failure without support will impact network access for users. All critical network equipment replacement will ensure reliability; proper support from manufacturer; increase bandwidth, if applicable; and ensure ability to upgrade technology, which either utilizes the network, such as VOIP, or is integrated as part of the network, such as microwaves.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
3,486,194	Furniture Fixtures & Equipment	1,850,000					1,850,000
Total	Total	1,850,000					1,850,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
3,486,194	Unfunded	1,850,000					1,850,000
Total	Total	1,850,000					1,850,000

Budget Impact/Other

Critical equipment is either nearing the end of support and/or cannot be supported due to age. Device failure without support will impact network access for users.

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 1930-13
Project Name Phone Set Upgrade



Type Equipment
Useful Life 10 Years
Category .
Provider TBD
Cost Accuracy Capped-0%
Department Information Technology
Contact A. Zheng - 759-6991
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 10
Status Future Needs

Description **Total Project Cost:** \$640,000

Replace all analog phone sets with VoIP phone sets In progress/on schedule-multi-year project. Funding of \$40,000 was approved for FY16-17 and prior years.

Project Score: 61

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0
Funding: 1

Justification

Current handsets are not supported. Upgrade is absolutely necessary to ensure reliability and performance phone capabilities, as well as continued maintenance/support from the vendor.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
40,000	Furniture Fixtures & Equipment	300,000	300,000				600,000
Total	Total	300,000	300,000				600,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
40,000	Unfunded	300,000	300,000				600,000
Total	Total	300,000	300,000				600,000

Budget Impact/Other

Current handsets are not supported, upgrade is absolutely necessary to ensure reliability and performance phone capabilities.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-14
Project Name Phone System Infrastructure Upgrade



Type Equipment
Useful Life 10 Years
Category .
Provider TBD
Cost Accuracy Capped-0%
Department Information Technology
Contact A. Zheng - 759-6991
Priority 2-Law or Mandate
Project Status Unfunded
Dept Priority 3
Status Future Needs

Description **Total Project Cost:** \$1,260,130

Upgrade the hardware and software components of the comprehensive telecommunications system to include call accounting for call tracking/billing, Right Fax, and software for the phone system. Upgrades to software without the hardware upgrades will impact compatibility. Funding for this project was provided by County Department Contribution in FY16/17 and prior years. Current funding status is unfunded.

Project Score: 54

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Telecommunications system components require manufacturer maintenance/support. The components will be out-of-support and will require upgrades both for continued support and compatibility across all categories of the telecommunications system. Upgrades to a single component and/or multiple components will not provide for compatibility.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
860,130	Other	400,000					400,000
Total	Total	400,000					400,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
860,130	Unfunded	400,000					400,000
Total	Total	400,000					400,000

Budget Impact/Other

Upgrades to hardware and software are necessary to ensure manufacture support continues and are compatible within the phone system.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California



Project # 1930-17
Project Name Access Layer Switches

Type Equipment
Useful Life 5 Years
Category .
Provider Information Technology
Cost Accuracy Capped-0%
Department Information Technology
Contact K. Wells - 755-1490
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 1
Status Future Needs

Description **Total Project Cost:** \$1,800,000

Replacement of access layer switches using VoIP capable PoE switches In progress/on schedule-multi-year project. Funding of \$500,000 was approved for FY16-17.

Project Score: 61

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

To allow extension of VoIP throughout the County and enhance availability and supportability of the County's network infrastructure.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
500,000	Furniture Fixtures & Equipment	1,300,000					1,300,000
Total	Total	1,300,000					1,300,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
500,000	Unfunded	1,300,000					1,300,000
Total	Total	1,300,000					1,300,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1930-18
Project Name UPS for VoIP Switches



Type Equipment
Useful Life 5 Years
Category .
Provider Information Technology
Cost Accuracy Capped-0%
Department Information Technology
Contact Alex Zheng -759-6991
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 9
Status Future Needs

Description **Total Project Cost:** \$1,300,000

Install UPS to provide backup power for switches supporting VOIP.

Project Score: 49

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 0
 Funding: 1

Justification

Provide protected power to VoIP phones in case of outage - quality of service.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment	650,000	650,000				1,300,000
Total	650,000	650,000				1,300,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	650,000	650,000				1,300,000
Total	650,000	650,000				1,300,000

Budget Impact/Other

Pending approval FY17/18, current funding status is unfunded.

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # IT 2016-01
Project Name MoCo Critical Site Infrast Readiness



Type Equipment
Useful Life n/a
Category .
Provider Information Technology
Cost Accuracy Capped-0%
Department Information Technology
Contact A. Zheng - 759-6991
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 6
Status Future Needs

Description **Total Project Cost:** \$6,158,118

The County's existing radio tower sites need to be seismically retrofitted in order to meet current seismic standards. The first year of the project includes the preliminary evaluation which is the seismic readiness study to be performed on 13 essential radio communications sites. The result of the formal study will allow the county to take the necessary steps to remediate the issues. In progress/on schedule-multi-year project. Funding of \$568,118 was approved for FY16-17 and years prior.

Project Score: 69

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Radio communications sites managed by the County of Monterey have public safety, first responders, ambulance and local government agency communications equipment absolutely essential to the services/support they provide county wide. The evaluation of the seismic readiness of each of the radio communications sites is critical and absolutely necessary to determine the condition of the site, tower, and shelters and take proactive steps to remediate the issues found and maintain critical communications.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
568,118	Construction	1,670,000	1,000,000	1,670,000	1,000,000	250,000	5,590,000
Total	Total	1,670,000	1,000,000	1,670,000	1,000,000	250,000	5,590,000

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
568,118	Unfunded	1,670,000	1,000,000	1,670,000	1,000,000	250,000	5,590,000
Total	Total	1,670,000	1,000,000	1,670,000	1,000,000	250,000	5,590,000

Budget Impact/Other

Failure of County's critical radio tower sites and infrastructure in case of a major earth quake or other adverse weather conditions (strong wind) can severely impact public safety agencies and other County agencies' ability to communication, and can have devastating effects.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 61102
Project Name Gonzales Library



Type Building
Useful Life 50 Years
Category .
Provider Library
Cost Accuracy Program Estimate +/- 35%

Department Library
Contact J. Addleman - 883-7566
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 9
Status Future Needs

Description **Total Project Cost: \$10,625,760**

The County Library has been exploring opportunities for constructing a new library building in Gonzales, including discussions with the City of Gonzales. The City plans to build a community center that would include an approximately 10,000 sq ft library which would replace the commercially leased facility currently in use. The assumption is that the City would pick up most of the cost of construction. However, the exact cost to the county is not known at this time.

Project Score: 46

Health/Safety: 0 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 10
Funding: 3

Justification

The Gonzales branch library currently operates out of a 5,100 sq ft facility. The branch was recently moved to this rented facility from a 3200 sq ft facility. Though it is larger than the previous location, it is still inadequate to provide services to the community and there is no room for growth. In addition, it is one of the County Library's goals is to move all library operations to County owned or County-partner (city, school district, etc.) owned facilities in order to eliminate ongoing lease costs and the uncertainties associated with leased facilities.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	1,155,000					1,155,000
Right of Way/Utilities		115,260				115,260
Construction Management		1,155,000				1,155,000
Construction		5,775,000				5,775,000
Furniture Fixtures & Equipment		404,250				404,250
Contingency		2,021,250				2,021,250
Total	1,155,000	9,470,760				10,625,760

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	1,155,000	9,470,760				10,625,760
Total	1,155,000	9,470,760				10,625,760

Budget Impact/Other

The Gonzales Branch Library is a busy branch that currently operates from a small and unsuitable leased facility. A new library building would be owned by the County or a partner organization saving the County the lease costs. The library services could be expanded to meet the growing needs of the community by providing more materials, computers and other library services and programs, including a dedicated children's area. The community would be served better in a safer and less crowded environment.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance			5,625	5,625		11,250
Other			22,500	22,500		45,000
Personnel			120,000	120,000		240,000
Utilities			3,750	3,750		7,500
Total			151,875	151,875		303,750

"Prior" Includes actuals through FY16 & projections for FY17

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 61105
Project Name Aromas Library



Type Building
Useful Life 30 Years
Category .
Provider Library
Cost Accuracy Program Estimate +/- 35%

Department Library
Contact J. Addleman - 883-7566
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 8
Status Future Needs

Description **Total Project Cost:** \$3,815,000

The County Library has been exploring opportunities for building a new library building, including past discussions with the Aromas-San Juan Unified School District to explore the possible construction of a joint public/school library on the campus of the Aromas School. The new 4,000 sq ft facility would replace the commercially leased facility in Aromas.

Project Score: 36

Health/Safety: 0 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 0 Project Readiness/Timeline: 5 County Environmental Goals: 10

Funding: 1

Justification

The Aromas branch library is an extremely busy library which currently operates out of a leased facility with approximately 700 usable square feet of space. This is inadequate to provide services to the community. In addition, it is one of the County library's goals is to move all library operations to County owned or County-partner (city, school district, etc.) owned facilities in order to eliminate ongoing lease costs and the uncertainties associated with leased facilities.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	150,000	250,000				400,000
Right of Way/Utilities		100,000				100,000
Construction Management		400,000				400,000
Construction		2,000,000				2,000,000
Other		75,000				75,000
Furniture Fixtures & Equipment		140,000				140,000
Contingency		700,000				700,000
Total	150,000	3,665,000				3,815,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	150,000	3,665,000				3,815,000
Total	150,000	3,665,000				3,815,000

Budget Impact/Other

The Aromas branch Library currently operates from very small leased facilities. A new library building would be owned by the County or a partner organization saving the County the lease costs. The library services could be expanded to meet the growing needs of the community by providing more materials, computers and other library services and programs, including a dedicated children's area. The community would be served better in a safer and less crowded environment.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance		3,000	3,000	3,000		9,000
Other		15,000	15,000	15,000		45,000
Personnel		60,000	60,000	60,000		180,000
Utilities		2,000	2,000	2,000		6,000
Total		80,000	80,000	80,000		240,000

"Prior" Includes actuals through FY16 & projections for FY17

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 61106
Project Name East Garrison Library



Type Building
Useful Life 50 Years
Category Future Year Unfunded Needs
Provider Library
Cost Accuracy Program Estimate +/- 35%

Department Library
Contact J. Addleman - 883-7566
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 6
Status Future Needs

Description **Total Project Cost:** \$4,005,750

Part of the plan for the East Garrison development on Fort Ord land was a 7,000 sq ft library which was to be built in two phases. The first half of the library construction was to have been completed with Phase 2 of the development and the second half was to have been completed with Phase 3 of the development. With the slow down in the housing market, the modified plan is to build a 4,000 sq ft library which will be able to stand on its own until such time as the rest of the library can be funded and built.

Justification

One of the accepted norms for residential developments these days is a quality library serving the residents of the community. This library was included in the plans for the East Garrison Art community. Without a neighborhood library, residents would have to use the already busy Marina branch library. The building will help the County Library meet the needs of the community by providing print and non-print materials, computers and other library services and programs, including a dedicated children's area and a community meeting room.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		420,000				420,000
Right of Way/Utilities		105,000				105,000
Construction Management		420,000				420,000
Construction		2,100,000				2,100,000
Other		78,750				78,750
Furniture Fixtures & Equipment		147,000				147,000
Contingency		735,000				735,000
Total		4,005,750				4,005,750

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		4,005,750				4,005,750
Total		4,005,750				4,005,750

Budget Impact/Other

The Marina branch Library is an extremely busy branch that cannot support a whole new residential development of approximately 1470 residences and businesses that were originally planned for this development. A new library building was to have been funded by the Monterey County Redevelopment Agency, constructed by the developers East Garrison Partners, and upon completion owned and operated by the County. Status of this project is under discussion at this time.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance		3,000	3,000			6,000
Other		60,000	60,000			120,000
Personnel		200,000	200,000			400,000
Utilities		2,000	2,000			4,000
Total		265,000	265,000			530,000

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 61108
Project Name Bookmobile



Type Other
Useful Life 20 Years
Category Future Year Unfunded Needs
Provider Library
Cost Accuracy Budget Estimate +/- 10%

Department Library
Contact J. Addleman - 883-7566
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 5
Status Future Needs

Description **Total Project Cost:** \$370,000

The Bookmobile would be used to provide service to the many outlying areas of Monterey County or well populated areas that are not close or convenient to a public library branch. This bookmobile would replace an old and deteriorating bookmobile that currently serves North County and the Peninsula.

Justification

The bookmobile which serves north county is old and often needs to go in for repairs and maintenance. When it is in the shop, communities remain unserved by the library, sometimes for weeks at a time. Bookmobiles are a cost effective way of providing library services to areas that may be somewhat remote or have poor access to library facilities. Even with the rising costs of gas, bookmobiles provide a cheap alternative to constructing new buildings if limited library hours are seen to be adequate for serving the needs of a community. Monterey County is very spread out and many residents face social and economic challenges. Library services can help residents improve the quality of their lives and help them succeed at work and school. The new bookmobile would have one staff computer and additional computers for public use. It would also be fitted with solar panels to limit the amount of fuel consumption/environmental impact for running the onboard computers.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Other		20,000				20,000
Furniture Fixtures & Equipment		350,000				350,000
Total		370,000				370,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		370,000				370,000
Total		370,000				370,000

Budget Impact/Other

Bookmobiles provide a cheap alternative to constructing new buildings if limited library hours are seen to be adequate for serving the needs of a community or while communities are developing and growing. Monterey County is so spread out and many residents face social and economic challenges. Library services can help many residents improve the quality of their lives and help them succeed at work and school.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance		10,000	10,000	10,000	10,000	40,000
Other		10,000	10,000	10,000	10,000	40,000
Personnel		120,000	120,000	120,000	120,000	480,000
Total		140,000	140,000	140,000	140,000	560,000

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 61111
Project Name Butterfly Village Branch Library



Type Building
Useful Life 50 Years
Category Future Year Unfunded Needs
Provider Library
Cost Accuracy Program Estimate +/- 35%
Department Library
Contact J. Addleman - 883-7566
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 10
Status Future Needs

Description **Total Project Cost:** \$4,408,269

The Butterfly Village branch library is a branch that is still in the planning stages with details yet to be worked out with the developer. The details contained here are strictly a proposal. The outcome of which depends on the ongoing negotiations between the County and the developer of Butterfly Village and are based on the idea of having a 4,000 sq ft facility.

Justification

One of the accepted norms for residential developments these days is a quality library serving the residents of the community. As part of the plan for the original Rancho San Juan development the County Library system had been working with other County departments to find a way to provide library services the residents of the new community. The library building was to have been constructed by the developer on land donated by the developer. The new facility was to have been owned by the County. A new community services district was to have been created to provide ongoing operations for funding the library and other community services. Without a neighborhood library, residents would have to use the already busy Prunedale branch library. This building will help the County Library meet the needs of the community by providing print and non-print materials, computers and other library services and programs, including a dedicated children's area and a community meeting room.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental				463,050		463,050
Right of Way/Utilities				115,763		115,763
Construction Management				463,050		463,050
Construction				2,315,250		2,315,250
Other				78,750		78,750
Furniture Fixtures & Equipment				162,068		162,068
Contingency				810,338		810,338
Total				4,408,269		4,408,269

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded				4,408,269		4,408,269
Total				4,408,269		4,408,269

Budget Impact/Other

The Butterfly Village Branch Library would help meet the growing needs of the community and school by providing library materials, computers, high speed internet access, Wi-Fi and other library services and programs, including summer program, story times, and class visits. The Library would have to budget the cost of a half time permanent and some on-call staff hours to help with the coverage, and expects to pay an annual maintenance and utility costs.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance				3,000	3,000	6,000
Other				60,000	60,000	120,000
Personnel				200,000	200,000	400,000
Utilities				2,000	2,000	4,000
Total				265,000	265,000	530,000

"Prior" Includes actuals through FY16 & projections for FY17

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 61112
Project Name Big Sur Branch Library



Type Building
Useful Life 30 Years
Category Future Year Unfunded Needs
Provider Library
Cost Accuracy Program Estimate +/- 35%

Department Library
Contact J. Addleman - 883-7566
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 9
Status Future Needs

Description **Total Project Cost:** \$4,624,685

The Big Sur Branch Library is a very busy library that has been located in a 1,200 sq ft county owned structure on commercially leased land. The County Library must explore opportunities building a new library building to serve this active and growing community. A new facility of at least 4,000 sq ft would replace the commercially leased facility in Big Sur.

Justification

The Big Sur branch library is a very busy library which currently operates out of a 1,200 sq ft facility with no running water or restroom facilities, which is inadequate to provide services to the community. Recent and very expensive repairs have been a drain on the Library's budget but is expected to see the library through a few more years, but a long term solution must be found. It is one of the County Library's goals to move all library operations to County owned or County partner (city, school district, etc.) owned facilities in order to eliminate ongoing lease costs and the uncertainties associated with leased facilities.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental					486,203	486,203
Right of Way/Utilities					121,551	121,551
Construction Management					486,203	486,203
Construction					2,431,013	2,431,013
Other					78,750	78,750
Furniture Fixtures & Equipment					170,111	170,111
Contingency					850,854	850,854
Total					4,624,685	4,624,685

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded					4,624,685	4,624,685
Total					4,624,685	4,624,685

Budget Impact/Other

The Big Sur Branch Library would help meet the growing needs of the community and school by providing library materials, computers, high speed internet access, Wi-Fi and other library services and programs, including summer program, story times, and class visits. The Library would have to budget the cost of some on-call staff hours to help with the coverage of the larger faculty, and expects to see a small rise in maintenance and utility costs. There should be no impact on the General Fund.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance					3,000	3,000
Other					15,000	15,000
Personnel					60,000	60,000
Utilities					2,000	2,000
Total					80,000	80,000

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 61113
Project Name Chualar Branch Library



Type Building
Useful Life 30 Years
Category Future Year Unfunded Needs
Provider Library
Cost Accuracy Program Estimate +/- 35%
Department Library
Contact J. Addleman - 883-7566
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority 10
Status Future Needs

Description **Total Project Cost:** \$4,408,269

Currently the County Library serves Chualar residents through the Bookmobile and through some of its nontraditional methods of service delivery like library-by-mail. This means that Chualar residents do not have access to programming for children or adults homework centers, or computer centers in their local area. A 4,000 sq ft library would serve to provide adequate library services to this community.

Justification

The Chualar community is a well established and growing community that has been receiving library service primarily through the bookmobile. This is an inadequate way to serve a large established community with an elementary school. A new library will make it possible to provide a full range of library services to the community including library materials, high speed internet, computers, Wi-Fi, children's programs, etc.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental				463,050		463,050
Right of Way/Utilities				115,763		115,763
Construction Management				463,050		463,050
Construction				2,315,250		2,315,250
Other				78,750		78,750
Furniture Fixtures & Equipment				162,068		162,068
Contingency				810,338		810,338
Total				4,408,269		4,408,269

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded				4,408,269		4,408,269
Total				4,408,269		4,408,269

Budget Impact/Other

The Chualar Branch Library would help meet the growing needs of the community and school by providing library materials, computers, high speed internet access, Wi-Fi and other library services and programs, including summer program, story times, and class visits. The Library would have to budget the cost of half-time permanent and some on-call staff hours to help with the coverage faculty, and expects to pay an annual maintenance and utility costs.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance				3,000		3,000
Other				15,000		15,000
Personnel				60,000		60,000
Utilities				2,000		2,000
Total				80,000		80,000

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 61114
Project Name Parkfield Branch Library



Type Building
Useful Life 30 Years
Category .
Provider TBD
Cost Accuracy Program Estimate +/- 35%

Department Library
Contact J. Addleman - 883-7566
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 2
Status Future Needs

Description **Total Project Cost:** \$1,050,000

The Library is currently in discussion with the residents of the Parkfield area as well as the Parkfield Community Club regarding plans to build an approximately 1,000 sq ft library which would replace the old deteriorated truck container which had served as the library for about 20 years. The community plans to take care of the construction. However, the exact cost to the county is not known at this time. The Library may need to participate in FF&E costs and the purchase of new library materials like books, DVDs, etc.

Project Score: 38

Health/Safety: 0 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 0 Project Readiness/Timeline: 10 County Environmental Goals: 10
 Funding: 3

Justification

The Parkfield Branch Library has been closed since 2011. The library serves this remote community as well as the local elementary school through 3 hours of weekly bookmobile service as a temporary solution. But this is not a satisfactory way of serving the community and is not cost effective. In addition, because of its proximity to San Andreas fault and the USGS office, the library is a major source of information for the many visitors to the area.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	100,000					100,000
Right of Way/Utilities		50,000				50,000
Construction Management		100,000				100,000
Construction		475,000				475,000
Other	50,000					50,000
Furniture Fixtures & Equipment		100,000				100,000
Contingency		175,000				175,000
Total	150,000	900,000				1,050,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	150,000	900,000				1,050,000
Total	150,000	900,000				1,050,000

Budget Impact/Other

The Library will need to plan for a half time staff person at the new library and some small maintenance and utility costs.

Budget Items	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Maintenance	2,000					2,000
Other	3,000					3,000
Personnel	20,000	20,000	20,000	20,000	20,000	100,000
Utilities	2,000					2,000
Total	27,000	20,000	20,000	20,000	20,000	107,000

"Prior" Includes actuals through FY16 & projections for FY17

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # L-1602
Project Name Archives

Type Building	Department Library
Useful Life 20 Years	Contact J. Addleman - 883-7566
Category Future Year Unfunded Needs	Priority 1-Critical Health & Safety
Provider TBD	Project Status Unfunded
Cost Accuracy Program Estimate +/- 35%	Dept Priority N/A
	Status Future Needs

Description **Total Project Cost:** \$6,035,800

MCFL has a significant collection of historical and archival materials which focus on the history of the County. This collection includes rare and unique primary and secondary source material like books, pamphlets, maps, photos, back issues of newspapers, microfilm, digital resources, etc. dating back to the late 1880's. The new secure and temperature/moisture controlled facility will provide the opportunity to better preserve materials, house computers for accessing catalogs and digital archives, and provide space for researches and members of the public to access the materials. A 6,000 sq ft library would be adequate for the archival needs of the library for the near future.

Justification

The Library Director serves as the County Librarian and the County Archivist for Monterey County. In 2007 the Administrative Offices of the County Library system moved from an old building in Salinas to a new and modern building in Marina, which resulted in a drastic reduction of available office space from approximately 20,000 square feet to approximately 10,000 square feet. This loss of space had a serious impact on the library archives, resulted in the fragmentation of the archives – with the materials being dispersed to various sites stretching all the way from Prunedale to King City. The lack of a permanent home for the archives also makes it very difficult for the County Librarian/Library Director to perform duties as the County Archivist, including a plan for preserving, scanning and digitizing the existing collection, and accepting donations of new historically important materials.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		618,000				618,000
Right of Way/Utilities		103,000				103,000
Construction Management		618,000				618,000
Construction		3,090,000				3,090,000
Other		309,000				309,000
Furniture Fixtures & Equipment		216,300				216,300
Contingency		1,081,500				1,081,500
Total		6,035,800				6,035,800

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		6,035,800				6,035,800
Total		6,035,800				6,035,800

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # L-1603
Project Name Bradley Branch Library

Type Building
Useful Life
Category .
Provider Library
Cost Accuracy Program Estimate +/- 35%
Department Library
Contact J. Addleman - 883-7566
Priority n/a
Project Status Unfunded
Dept Priority 3
Status Future Needs

Description **Total Project Cost: \$1,175,000**

The library expects to build an approximately 1,200 sq ft library on or near the school grounds, but the exact cost to the county is not known at this time.

Project Score: 36

Health/Safety: 0 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 0 Project Readiness/Timeline: 10 County Environmental Goals: 10
 Funding: 1

Justification

Bradley is a remote community that is far from all County services and there is a strong need for library services. The library serves the community as well as the local elementary school. The landlord recently indicated his intention of selling the building and has expressed his desire to see the County library vacate the premises. Though the bookmobile may be used to provide service once a week to the local school and community as a temporary solution, the distance of Bradley from the larger libraries, makes it difficult and highly inefficient to serve this community through the bookmobile services.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	75,000					75,000
Right of Way/Utilities	50,000					50,000
Construction Management		120,000				120,000
Construction		600,000				600,000
Other		45,000				45,000
Furniture Fixtures & Equipment	75,000					75,000
Contingency		210,000				210,000
Total	200,000	975,000				1,175,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	200,000	975,000				1,175,000
Total	200,000	975,000				1,175,000

Budget Impact/Other

The Library will need to plan for a half time staff person at the new library and some small maintenance and utility costs

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 816706
Project Name 1422 Natividad Rd. HVAC/Air Handler Replacement



Type Building
Useful Life 20 Years
Category .
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Probation
Contact W. Sims - 755-3929
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 4
Status Future Needs

Description **Total Project Cost:** \$3,465,092

The HVAC/Air Handler system will need to be replaced.

Project Score: 51

Health/Safety: 0 Economic Impact: 0 Law/Mandate: 15 Annual Costs: Project Readiness/Timeline: 10 County Environmental Goals: 10
 Funding: 1

Justification

Item# D3051.001 System is old/obsolete. Comply with California Greenhouse Gas Reduction mandate AB32 and 2010 General Plan policies to reduce the County's carbon footprint. Reduce maintenance and utility costs. In order to comply with work environment temperatures in accordance to CAL-OSHA standards. To reduce maintenance and utility costs and bring building up to current code.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	462,000					462,000
Construction Management	462,000					462,000
Construction	2,310,092					2,310,092
Contingency	231,000					231,000
Total	3,465,092					3,465,092

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	3,465,092					3,465,092
Total	3,465,092					3,465,092

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8786
Project Name Youth Center Interim Repairs



Type Building
Useful Life 15 Years
Category .
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%
Department Probation
Contact Jennifer Butz 759-6709
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 6
Status Future Needs

Description **Total Project Cost:** \$137,160

Design and construction of repairs to the buildings' components whose useful life has been exceeded or have been determined to no longer comply with health and safety mandates.

Redesign the Youth Center parking lot, repave recreation area, replace old/broken exterior light poles and install bars on the windows of the nurses office. Install Bars over nurses window.

Project Score: 79

Health/Safety: 30 Economic Impact: 15 Law/Mandate: 15 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

The Youth Center is open 24 hours a day, 365 days a year and more than 70 employees work on site. Employees arrive and leave the facility at all times of the day and night and need a well lit and maintained parking area. The recreation area is utilized by up to 60 juvenile wards of the court on a daily basis for state mandated physical activity. There are visible cracks and areas of damage. In order to maintain a secure environment, iron bars should be added to the nurses office.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	18,288					18,288
Construction Management	18,288					18,288
Construction	91,440					91,440
Contingency	9,144					9,144
Total	137,160					137,160

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	137,160					137,160
Total	137,160					137,160

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-01
Project Name 1422 Natividad Road Elevator Modernization



Type Building
Useful Life 15 Years
Category .
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Probation
Contact W. Sims - 755-3929
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 7
Status Future Needs

Description **Total Project Cost:** \$259,875

Modernize the controls and refurbish the drive train of the existing passenger elevator. Costs estimates are preliminary.

Project Score: 51

Health/Safety: 0 Economic Impact: 15 Law/Mandate: 10 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

To ensure the reliability of the passenger elevator for use by MCPD employees, visitors, and other departments. Current controls have out lived their useful life and repairing/parts are difficult to obtain, often causing delays for service. To upgrade existing County-owned facilities to comply with Federal ADA regulations and guidelines. To reduce maintenance and utility costs.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	34,650					34,650
Construction Management	34,650					34,650
Construction	173,250					173,250
Contingency	17,325					17,325
Total	259,875					259,875

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	259,875					259,875
Total	259,875					259,875

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-02
Project Name Aftercare Modular Building at Youth Center



Type Building
Useful Life 20 Years
Category .
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Probation
Contact J. Butz - 759-6709
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 5
Status Future Needs

Description **Total Project Cost: \$131,456**

Repair and/or replace damaged drywall, siding, main entrance door, entry platform, ramp and stairs, roof, wall and window airconditioning unit, water heater, plumbing and duct work in Aftercare Modular building.

Project Score: 66

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 5 County Environmental Goals: 5
 Funding: 1

Justification

Aftercare modular building houses four employees. It is used as a meeting place for juvenile probationers (and their parents) recently released from the Youth Center program and for individual and family therapy with behavioral health staff. The plywood platform/entry way is deteriorating, swells during rain storms and is a trip/slip hazard. Currently, there are visible signs of rot and wood giving way.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	17,415					17,415
Construction Management	17,415					17,415
Construction	87,074					87,074
Contingency	9,552					9,552
Total	131,456					131,456

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	131,456					131,456
Total	131,456					131,456

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-03
Project Name 855 E. Laurel Dr. Bldg H - Heat Generating Systems



Type Building
Useful Life 20 Years
Category .
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Probation
Contact W. Sims - 755-3929
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 8
Status Future Needs

Description **Total Project Cost:** \$420,979

Item#: D3025.002 Replace furnace. D3042.002 Provide new exhaust fan to service restrooms. D3052.013 Replace wall-mounted AC unit. Tem#: B1022.002 Roof Construction - Remove existing roof and replace with similar materials. B2016.001 Exterior Walls -Provide rust touch-up, prime and repaint soffits. B2021.008 Replace window screens. B2021.016 Inspect each window. Repair/tune up windows as necessary to make properly operable. B3012.021 Remove and replace existing gypsum board with new gypsum board and expansion joints. Tape and paint. C3030.001 Remove existing carpeting and replace with new 40oz nylon carpet. 3032.001 Remove existing lay-in acoustical tiles and replace with new lay-in acoustical tiles. D2043.002 Replace gutters. D2043.012 Replace down spots.

Project Score: 66

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 5 County Environmental Goals: 10 Funding: 1

Justification

Gas fired furnace is at the end of its useful life. In-line exhaust fan is not working. Wall-mounted AC unit is no longer working. Without reliable and consistent work environment temperatures it causes distress to employees thereby reducing productivity. Additionally, the utility costs are extreme and the maintenance cost continue to compound especially with attempting to find parts that are not readily available for an outdated system. This building houses several collaborative partners that deliver much needed prevention and interventional services. The appearance of the building is not visually appealing nor does it reflect a therapeutic or professional atmosphere.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	56,130					56,130
Construction Management	56,130					56,130
Construction	280,653					280,653
Contingency	28,066					28,066
Total	420,979					420,979

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	420,979					420,979
Total	420,979					420,979

Budget Impact/Other

The project is unfunded.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-04
Project Name 1422 Natividad Rd - Bathrooms and Facility Floors



Type Building
Useful Life 20 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%
Department Probation
Contact W. Sims - 755-3929
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 13
Status Future Needs

Description **Total Project Cost:** \$127,206

The bathroom tiles/fixtures and facility VCT flooring needs to be replaced. Item# D3051.001 / C3012.017/C3024.003/C3024.015 The bathroom tiles/fixtures and facility VCT flooring needs to be replaced.

Justification

Toilet partitions have excessive amounts of rust. Restrooms tile walls and tile flooring are damaged/deteriorating. To maintain hygienic conditions and upgrade existing County-owned facilities to comply with any updated Federal ADA regulations and guidelines and to reduce maintenance and utility costs.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			16,912			16,912
Construction Management			16,912			16,912
Construction			84,562			84,562
Contingency			8,820			8,820
Total			127,206			127,206

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			127,206			127,206
Total			127,206			127,206

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-05
Project Name 1422 Natividad Rd - Communication Security



Type Building
Useful Life 30 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Probation
Contact W. Sims - 755-3929
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 9
Status Future Needs

Description **Total Project Cost: \$182,056**

Item# D5012.576 Install/Replace Panel board / D5012.775 Install/Replace metered main / D5037.000 Install/Replace Fire detection system / D5038.007 Provide a new security alarm system.

Justification

Item# D5012.576 Install/Replace Panel board -225A (42c ckts, 120/208, 20A main lugs with main ckt breaker, 1P) / D5012.775 Install/Replace metered main 600A metered main (3P, 120/208) is at or will be approaching end of its expected useful life / D5037.000 Install/Replace Fire detection system 12 detector, fire detection system (including outlets, boxes, and conduit & wire) / D5038.007 Provide a new security alarm system. The building is in need of security system that includes cameras and security panels, which are necessary to ensure staff and confidential data safety. To reduce maintenance and utility costs and bring building up to current code.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			24,274			24,274
Construction Management			24,274			24,274
Construction			121,372			121,372
Contingency			12,136			12,136
Total			182,056			182,056

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			182,056			182,056
Total			182,056			182,056

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-06
Project Name 1422 Natividad Road - Electrical Service



Type Building **Department** Probation
Useful Life 15 Years **Contact** W. Sims - 755-3929
Category Future Year Unfunded Needs **Priority** 3-Preserve Existing Facility
Provider PW: Facilities **Project Status** Unfunded
Cost Accuracy Program Estimate +/- 35% **Dept Priority** 10
Status Future Needs

Description **Total Project Cost:** \$145,534

Item # D5012.199 Conductors for lighting and devices are or will be at the end of their useful life.

Justification

Item # D5012.199 Remove and replace the conductors for lighting and devices. The project enables the County to comply with State of California GHG Reduction Mandate AB32 and with County 2010 General Plan policies to reduce the County's carbon footprint. This project will also replace old/obsolete equipment and reduce maintenance and utility costs.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			19,404			19,404
Construction Management			19,404			19,404
Construction			97,024			97,024
Contingency			9,702			9,702
Total			145,534			145,534

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			145,534			145,534
Total			145,534			145,534

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-07
Project Name 20 E. Alisal St. Switchboard & Circuit Replacement



Type Building
Useful Life 5 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%
Department Probation
Contact N. Hatton - 796-1221
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 11
Status Future Needs

Description **Total Project Cost:** \$137,936

Replacement of 7 panel boards and 1 main switchboard. Each panel board has a main circuit breaker. Replacement of 2 existing exhaust fans. Exhaust fans, panel boards and switchboard to be replaced with like items. Replacement of the two first floor entry/exit doors and replacement of existing key entry locks on 9 interior doors to be replaced with keyless pad entry code.

Justification

Preservation and safety and security of the facility and its occupants. Improvements are needed but not yet critical. Will be needed to avoid lapse in basic function and usability of facility. Replacement of exterior doors is necessary to improve existing functionality and reduce the current, numerous repairs. Current doors and key entry locks do not meet the needs of the facility for safety or the current volume of traffic.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental					18,392	18,392
Construction Management					18,392	18,392
Construction					91,957	91,957
Contingency					9,195	9,195
Total					137,936	137,936

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded					137,936	137,936
Total					137,936	137,936

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-09
Project Name 1422 Natividad Rd Ceiling Finishes



Type Building
Useful Life 20 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Probation
Contact W. Sims - 755-3929
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 14
Status Future Needs

Description **Total Project Cost:** \$277,328

Item #C3031.002 Remove, replace existing gypsum board ceiling, and replace with new gypsum board. Tape and paint. C3032.002 Remove existing lay-in acoustical tiles and replace with new lay-in acoustical tiles.

Justification

Painted gypsum wallboard- ceiling is in poor condition. Existing suspended ceiling grid and tile ae at the end of its useful life. The project enables the County to comply with State of California GHG Reduction Mandate AB32 and with County 2010 General Plan policies to reduce the County's carbon footprint. This project will also replace old/obsolete equipment and reduce maintenance and utility costs. Item #C3031.002 Painted gypsum wallboard- ceiling is in poor condition. C3032.002 Existing suspended ceiling grid and tile ae at the end of its useful life. This project will also replace old/obsolete equipment and reduce maintenance and utility costs.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental					36,977	36,977
Construction Management					36,977	36,977
Construction					184,886	184,886
Contingency					18,488	18,488
Total					277,328	277,328

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded					277,328	277,328
Total					277,328	277,328

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # PD 2017-10
Project Name 1422 Natividad Rd Roof Replacement



Type Building
Useful Life 30 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%
Department Probation
Contact W. Sims - 755-3929
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 15
Status Future Needs

Description **Total Project Cost: \$716,124**

B1021.001 Build-up roof with gravel needs replacement/B2011.012 Provide backer-rod and sealants at exterior and caulk interior side/B3011.008 Replace damaged expansion joint attachments and re-seal seams/ B3022.001 Add OSHA approved ladder at mechanical roof area parapet. Remove roof hatch. Frame-in roof hatch opening. Patch roof.

Justification

Item#: B1021.001 The current roof system is 40+ years old. It is worn and beyond its useful life. It has leaked into the interior of the building during heavy storms possibly causing structural integrity issues. Leaks have caused unsightly staining of acoustic tiles and walls throughout the interior of the building. B2011.012 Duct opening at courtroom cast concrete panels leak. B3011.008 Parapet expansion joint is in poor condition with rust and open seams. B3022.001 Access to mechanical roof parapet is difficult through existing roof hatch. Reduce maintenance and utility costs. In order to comply with work healthily environmental conditions in accordance to CAL-OSHA standards.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental				92,610		92,610
Construction Management				92,610		92,610
Construction				461,446		461,446
Other				23,153		23,153
Contingency				46,305		46,305
Total				716,124		716,124

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded				716,124		716,124
Total				716,124		716,124

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-11
Project Name 1422 Natividad Rd - Parking Lot & Sidewalks



Type Building
Useful Life 5 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Probation
Contact W. Sims - 755-3929
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 16
Status Future Needs

Description **Total Project Cost: \$219,189**

Paint Exterior of building / Fill potholes, cracks, and seal and repaint parking lot. Address trip hazards around the sidewalks of the building. Remove existing landscaping, replace with drought resistant-low maintenance foliage, and replace current irrigation system. Overhanging foliage is causing damage to the roofing and exterior envelope. Project cost estimate only.

Justification

Exterior paint of building has out lived its useful life and presents a dreary appearance. Several structural cracks on the building need to be sealed in order to preserve the structural integrity of the building. The parking lot requires regular maintenance to extend its useful life. Due to the growth of trees and areas of the sidewalk have lifted creating trip hazards. The landscaping is overgrown and possibly causing foundational structure concerns. The current foliage harbors feral animals and insects causing health concerns. Overhanging foliage is causing damage to the roofing and exterior envelope. Need to prune and trim encroaching branches from adjacent trees. The beautification of the building would present a professional appearance to coincide with the building of the new Juvenile Hall.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			27,563			27,563
Construction Management			27,563			27,563
Construction			137,813			137,813
Contingency			26,250			26,250
Total			219,189			219,189

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			219,189			219,189
Total			219,189			219,189

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PD 2017-14

Project Name Youth Ctr Paint/Seal Exterior Masonry



Type Building

Department Probation

Useful Life 20 Years

Contact J. Butz - 759-6709

Category Future Year Unfunded Needs

Priority 3-Preserve Existing Facility

Provider PW: Facilities

Project Status Unfunded

Cost Accuracy Program Estimate +/- 35%

Dept Priority 12

Status Future Needs

Description

Total Project Cost: \$153,563

Paint/seal the exterior masonry of the building

Justification

The building has not been painted in over twenty years and is deteriorating. Exterior paint will ensure the building is properly maintained, avoid further damage, and extend the life of the building by preventing moisture penetration.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		20,475				20,475
Construction Management		20,475				20,475
Construction		102,375				102,375
Contingency		10,238				10,238
Total		153,563				153,563

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		153,563				153,563
Total		153,563				153,563

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-1
Project Name Replace Aging Turf Mowers at Day Use Parks



Type Equipment
Useful Life 10 Years
Category .
Provider Parks
Cost Accuracy Preliminary Estimate +/- 20%
Department RMA-Parks
Contact R. Riddle - 758-3604
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 7
Status Future Needs

Description **Total Project Cost:** \$200,000

Replace three aging mowers in use at the day use parks with two higher efficiency pieces of equipment to reduce labor costs.

Score: 21

Health/Safety: 0 Economic Impact: 0 Law/Mandate: 0 Annual Costs: 10 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Current turf mowers are aging and require on-going maintenance and repairs. Parts for the aging mowers are hard to find and expensive to purchase. Replacing the old turf mowers with newer, more efficient mowers will save time, money, staff labor and be safer to use. When one of the existing mowers breaks down, especially during use, staff will either need to drive (trailer) another mower from another park, or rent one to be able to finish the mowing. Costs associated with the repairs and added staff time can be costly.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment	100,000	100,000				200,000
Total	100,000	100,000				200,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	100,000	100,000				200,000
Total	100,000	100,000				200,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-10
Project Name Lake San Antonio North Shore Road Rehabilitation



Type Roads
Useful Life 15 Years
Category .
Provider Parks
Cost Accuracy Program Estimate +/- 35%

Department RMA-Parks
Contact Richard Riddle 805-400-7746
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 13
Status Future Needs

Description **Total Project Cost: \$267,695**

Rehabilitation of roadways within North Shore Lake San Antonio will include drainage, culverts and shoulder work along with chip seal.

Score: 44

Health/Safety: 20 Economic Impact: 10 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 0
 Funding: 1

Justification

The road way is failing due to age and lack of routine maintenance which has caused the road shoulders to start to erode and road surfaces are cracked where has created pot holes in some areas of the roadway.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	10,000					10,000
Construction Management	6,570	5,173	5,432	5,704		22,879
Construction	60,000	47,250	49,613	52,093		208,956
Contingency	6,000	6,300	6,615	6,945		25,860
Total	82,570	58,723	61,660	64,742		267,695

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	82,570	58,723	61,660	64,742		267,695
Total	82,570	58,723	61,660	64,742		267,695

Budget Impact/Other

The ongoing cost once the project is completed will be annual routine maintenance by park staff this can be up to 250 hours a year. This maintenance will include brooming the roadway, patching pot holes with cold patch, clearing drainages, culverts and filling in the road edge with road base. Annual material cost will be around 2000.00 dollars.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-11
Project Name Replace Septic Vacuum Truck



Type Equipment
Useful Life 20 Years
Category .
Provider Parks
Cost Accuracy Preliminary Estimate +/- 20%
Department RMA-Parks
Contact Richard Riddle 805-400-7746
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 16
Status Future Needs

Description **Total Project Cost:** \$120,000

Replace non-functioning 20 plus year old septic vacuum truck at Lake San Antonio - North Shore that provides emergency and routine service to Lake San Antonio preventing water and soil contamination.

Project Score: 71

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 5
 Funding: 1

Justification

The vacuum truck is used to pump down failed lift stations, due to the close proximity of the lift stations to the lake this creates a health and safety emergency. The vacuum truck is also used to pump and clean out 50 plus portable restrooms multiple times a week.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Furniture Fixtures & Equipment	120,000					120,000
Total	120,000					120,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	120,000					120,000
Total	120,000					120,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-12
Project Name Replace Fuel Dock and Marina at Lake San Antonio



Type Equipment
Useful Life 20 Years
Category .
Provider Parks
Cost Accuracy Preliminary Estimate +/- 20%
Department RMA-Parks
Contact Richard Riddle 805-400-7746
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 11
Status Future Needs

Description **Total Project Cost:** \$417,040

The replacement of a 40 year old fuel dock and marina with a scaled down version that will provide for environmental protection, meet current regulations and improve visitor services and experience.

Project Score: 59

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 5
 Funding: 1

Justification

Existing fuel dock and marina are aged and are in need of being replaced. The flotation system for the marina struggles to support the aging infrastructure and the marina itself. The marina has been moved twice in the last four years and now sits in Half Moon Bay in the middle of what remains of Lake San Antonio . The marina has received no maintenance in the last four years and at this point when San Antonio fills back up I am extremely hesitate to place this marina back into service.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	30,000					30,000
Construction Management	35,040					35,040
Construction	320,000					320,000
Contingency	32,000					32,000
Total	417,040					417,040

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	417,040					417,040
Total	417,040					417,040

Budget Impact/Other

There will be an annual cost of 2000.00 (estimate) on the fuel system for inspection and maintenance. The marina it self should be cost free the first five years, after this period replacement of flotation, anchors, cables, bumpers and rub railing will be approximately 750.00 - 1000.00 a year. 300 hours a year of personnel time will be needed to perform routine maintenance on the marina.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-13
Project Name San Lorenzo Public Building Rehabilitation



Type Building
Useful Life 25 Years
Category .
Provider Parks
Cost Accuracy Program Estimate +/- 35%
Department RMA-Parks
Contact R. Riddle - 758-3604
Priority 2-Law or Mandate
Project Status Unfunded
Dept Priority 8
Status Future Needs

Description **Total Project Cost:** \$260,655

Provide for ADA upgrades, roof and siding replacement and building system rehabilitation including the use of green technology.

Project Score: 71

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 10 Annual Costs: 15 Project Readiness/Timeline: 5 County Environmental Goals: 5
 Funding: 1

Justification

The current buildings are in need of repair due to age and lack of routine maintenance, the buildings also lack ADA access and need significant rehabilitation. A portion of this funding would be used to install green technology to reduce the impact of the buildings on the surrounding environment.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction Management	5,475	5,749	6,036	6,338		23,598
Construction	50,000	52,500	55,125	57,881		215,506
Contingency	5,000	5,250	5,513	5,788		21,551
Total	60,475	63,499	66,674	70,007		260,655

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	60,475	63,499	66,674	70,007		260,655
Total	60,475	63,499	66,674	70,007		260,655

Budget Impact/Other

Once work is complete an annual maintenance management program will be created to perform checks and maintenance on the facilities. There will be an annual maintenance cost based of routine maintenance, plumbing, electrical paint, roofing an estimated 500.00 a year for the smaller structures up to 1000.00 a year for the larger structures.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-14
Project Name South Shore Lake San Antonio Admn Bldg & Prkg Lot



Type Building
Useful Life 40 Years
Category .
Provider Parks
Cost Accuracy Program Estimate +/- 35%
Department RMA-Parks
Contact Richard Riddle 805-400-7746
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 12
Status Future Needs

Description **Total Project Cost:** \$312,250

Rehabilitation of existing Administration building due to Bat infestation damage and ADA compliance issues. Replacement of deteriorated and failing parking lot.

Project Score: 66

Health/Safety: 30 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 0 County Environmental Goals: 5

Funding: 1

Justification

The Administration Building at South Shore Lake San Antonio was closed due to health concerns created by a large Bat infestation. The more the work is prolonged the worse the Bat infestation will become, we need to avoid getting to the point of not being able to rehabilitate the building due to the severity of the infestation. There is also significant ADA upgrades that are needed to bring the structure up to the current codes/regulations. The parking lot surface has deteriorated due to lack of routine maintenance and age and needs to be resurfaced.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	50,000					50,000
Construction Management		21,000				21,000
Construction		210,000				210,000
Other	5,000	5,250				10,250
Contingency		21,000				21,000
Total	55,000	257,250				312,250

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	55,000	257,250				312,250
Total	55,000	257,250				312,250

Budget Impact/Other

Once the work has been completed there will be an annual cost of inspection and maintenance to prevent the return of the Bats, this cost should be around 1000.00 a year. The ADA work will be a one time cost to bring the structure to code. The parking lot should be put on a maintenance plan with seal coating every 6 - 10 years at a cost of \$4000.00 - \$5000.00. Annual personnel cost will be based on a 50 hour a year maintenance need.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-16
Project Name Toro Park Restroom Upgrades



Type Building
Useful Life 25 Years
Category .
Provider Parks
Cost Accuracy Program Estimate +/- 35%
Department RMA-Parks
Contact J. Akeman - 755-4911
Priority 2-Law or Mandate
Project Status Unfunded
Dept Priority 7
Status Future Needs

Description **Total Project Cost:** \$485,000

Provide for ADA upgrades, restroom roof replacement and building system rehabilitation including the use of green technology as per LEED principals.

Project Score: 59

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 5
 Funding: 1

Justification

Current restroom buildings are failing at Toro Park. They lack ADA access and need significant rehabilitation. A portion of this funding would be to install green technology as per LEED to reduce excessive water use, install low-flow systems and lessen the impact of the restrooms on the surrounding environment.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	20,000					20,000
Construction Management	10,000	10,000	10,000			30,000
Construction	100,000	110,000	120,000			330,000
Furniture Fixtures & Equipment	20,000	20,000	20,000			60,000
Contingency	15,000	15,000	15,000			45,000
Total	165,000	155,000	165,000			485,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	165,000	155,000	165,000			485,000
Total	165,000	155,000	165,000			485,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-17
Project Name Replace Water Tank at Lake San Antonio South Shore



Type Building **Department** RMA-Parks
Useful Life 50 Years **Contact** Richard Riddle 805-400-7746
Category Future Year Unfunded Needs **Priority** 2-Law or Mandate
Provider Parks **Project Status** Unfunded
Cost Accuracy Program Estimate +/- 35% **Dept Priority** 10
Status Future Needs

Description **Total Project Cost:** \$1,201,726

Replace Existing Drinking and Fire Protection Water Storage Tank due to age.

Justification

Time and exposure to the elements have caused damage to the existing water storage tank at Lake San Antonio. The current tank has been relined multiple times and will need replacement.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		105,000				105,000
Construction Management			55,125			55,125
Construction			937,125			937,125
Other		5,250	5,513			10,763
Contingency			93,713			93,713
Total		110,250	1,091,476			1,201,726

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		110,250	1,091,476			1,201,726
Total		110,250	1,091,476			1,201,726

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-2
Project Name Barloy Canyon Road Repairs



Type Roads
Useful Life 10 Years
Category .
Provider Parks
Cost Accuracy Program Estimate +/- 35%

Department RMA-Parks
Contact R. Riddle - 758-3604
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 9
Status Future Needs

Description **Total Project Cost:** \$365,250

Create road maintenance plans, replace failing drainage systems and repair road base prior to a significant surface project.

Score: 49

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 0
 Funding: 1

Justification

The County owns and maintains a length of Barloy Canyon Road that was acquired from the prior Fort Ord. It is used as an alternate entrance to Laguna Seca. The section of Barloy Canyon Road under county ownership is in need of repairs as its used for events both cycling as well as vehicle entry and exit after major events. The roadway has failed in several sections and intermittent repairs have been made over the years. These repairs are costly and are temporary fixes. On-going minor repairs are no longer viable. The roadway will require a new road base, surface and drainage. If the road is not able to be used, the event may be restricted.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	150,000					150,000
Construction		105,000	110,250			215,250
Total	150,000	105,000	110,250			365,250

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	150,000	105,000	110,250			365,250
Total	150,000	105,000	110,250			365,250

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-7
Project Name Replace Siding at Lake Nacimiento & Rmv Bat Infest



Type Building
Useful Life 25 Years
Category .
Provider Parks
Cost Accuracy Preliminary Estimate +/- 20%
Department RMA-Parks
Contact Richard Riddle 805-400-7746
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 6
Status Future Needs

Description **Total Project Cost:** \$825,067

Replace failing cedar siding on lodges at Lake Nacimiento with pest resistant concrete siding. Remove bat infestation and remediate all damage.

Project Score:66

Health/Safety: 30 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 0 County Environmental Goals: 5
 Funding: 1

Justification

If this work is not completed damage will continue to occur and additional units will be pulled out of service and not be available for public use.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction Management	16,425	17,246	18,110	19,014		70,795
Construction	150,000	157,500	165,375	173,644		646,519
Other	10,000	10,500	11,025	11,576		43,101
Contingency	15,000	15,750	16,538	17,364		64,652
Total	191,425	200,996	211,048	221,598		825,067

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	191,425	200,996	211,048	221,598		825,067
Total	191,425	200,996	211,048	221,598		825,067

Budget Impact/Other

Once work is complete an annual pest inspection will need to be performed on all the lodges at an estimated cost of \$3000.00. If any pest infestation is discovered the removal cost will depend on severity if the infestation but if annual inspections are done the removal cost should be minimum. .

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-8
Project Name Lake Nacimiento Maintenance Shop Replacement



Type Building
Useful Life 40 Years
Category .
Provider Parks
Cost Accuracy Program Estimate +/- 35%
Department RMA-Parks
Contact Richard Riddle 805-400-7746
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 14
Status Future Needs

Description **Total Project Cost: \$175,000**

Replace maintenance shop used by both resort and parks staff at Lake Nacimiento.

Score: 49

Health/Safety: 30 Economic Impact: 0 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

When the County took over Lake Nacimiento Resort in 2007 the maintenance shop was declared unusable due to serious safety concerns. This project would remove the existing structure and replace it with a usable space to employees to complete their tasks.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	20,000					20,000
Right of Way/Utilities	10,000					10,000
Construction	100,000					100,000
Other	10,000					10,000
Contingency	35,000					35,000
Total	175,000					175,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	175,000					175,000
Total	175,000					175,000

Budget Impact/Other

Once work is complete an annual maintenance management program will be created to perform routine maintenance checks on the shop building this will include electrical, plumbing, building structure, roofing. There will be no cost for the maintenance management program due to the fact County staff will be performing the work. An estimated 500.00 dollars a year will be needed for materials to maintain the shop.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2015-P-9
Project Name Replace Oak Knoll Lift Station at Lake Nacimiento



Type Sewer
Useful Life 40 Years
Category .
Provider Parks
Cost Accuracy Program Estimate +/- 35%
Department RMA-Parks
Contact Richard Riddle 805-400-7746
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority 1
Status Future Needs

Description **Total Project Cost:** \$220,000

Replace existing sewage lift station that is failing due to age.

Project Score: 81

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 10 Annual Costs: 15 Project Readiness/Timeline: 0 County Environmental Goals: 5
 Funding: 1

Justification

The lift station in Oak Knoll Campground at Lake Nacimiento is failing due to age. The lift station is located within 200 feet of the lake Nacimiento main body of water. Lake Nacimiento is a source of drinking water for the communities surrounding the lake and also for the County of San Luis Obispo and several city in San Luis Obispo County. A complete lift station failure could cause significant environmental and regulatory damage/violations.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	30,000					30,000
Construction Management	50,000					50,000
Construction	120,000					120,000
Other	8,000					8,000
Contingency	12,000					12,000
Total	220,000					220,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	220,000					220,000
Total	220,000					220,000

Budget Impact/Other

Once work is complete an annual maintenance management program will be created to perform checks and maintenance on the lift station. There will be no cost for the maintenance management program due to the fact County staff will be performing the work. Replacement parts should be minimum for the first few years but as the lift station ages the part cost will increase. An annual cost of 500.00 a year to maintain the lift station should be expected.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2017-P-2
Project Name Nacimiento Lake View Cabin Decks Repair



Type Building
Useful Life 15 Years
Category .
Provider Parks
Cost Accuracy Program Estimate +/- 35%

Department RMA-Parks
Contact T Nyunt 755-4631
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost: \$346,000**

Replacement of the decks and hand rails for the 7 lake view lodge cabins at Nacimiento Lake Resort. Replacement of the decks with new, pressure treated wood and/or composites/plastic lumber will reduce or eliminate the ongoing costs of maintaining the decks. If wood is utilized, a transparent stain will need to be restained every year, while a solid pigment stain will need to be restained every five years.

Project Score: 76

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 10
 Funding: 1

Justification

The decking and joists which support the decking have deteriorated due to the water damage and dry rot.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	10,000					10,000
Construction Management	36,000					36,000
Construction	240,000					240,000
Contingency	60,000					60,000
Total	346,000					346,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	346,000					346,000
Total	346,000					346,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8514
Project Name 2610 San Antonio - Entry Gate Replacement



Type Building
Useful Life 20 Years
Category .
Provider PW: Facilities
Cost Accuracy Preliminary Estimate +/- 20%
Department RMA-Parks
Contact Richard Riddle 805-400-7746
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 17
Status Future Needs

Description **Total Project Cost:** \$247,767

Raise the overhead clearance of the San Antonio Lake entry gate or replace the entry gate overhead cover with new construction.

Score: 46

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 0 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

The existing overhead structure clearance is inadequate and outdated to accommodate newer styles of recreational vehicle. Rehabilitation of the structure is needed to eliminate the continued damage the structure receives and the damage done to recreational vehicles entering the park.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
30,000	Design/Environmental	32,200					32,200
	Construction Management	18,067					18,067
Total	Construction	165,000					165,000
	Other	2,500					2,500
	Total	217,767					217,767

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
30,000	Unfunded	217,767					217,767
Total	Total	217,767					217,767

Budget Impact/Other

Once work is complete an annual maintenance management program will be created to perform checks and maintenance on the entry gate. There will be no cost for the maintenance management program due to the fact County staff will be performing the work. Repairs should be minimum for the first few years but as the structure ages the repair/maintenance cost will increase. i.e. roofing, siding,

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1573
Project Name Robinson Canyon Road Slip Out



Type Roads
Useful Life 10 Years
Category Future Year Unfunded Needs
Provider PW: Roads
Cost Accuracy Budget Estimate +/- 10%
Department RMA-Public Works & Facilities
Contact J. Pascua / 755-8963
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$850,000

Repair slipout (100+/- feet) on Robinson Canyon Road, approximately 4.5 miles south of Carmel Valley Road.

Justification

The proposed project will repair and stabilize the failed slope to prevent the road from being undermined.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		180,000				180,000
Construction Management		180,000				180,000
Construction		490,000				490,000
Total		850,000				850,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		850,000				850,000
Total		850,000				850,000

Budget Impact/Other

5-Year Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 1721-2
Project Name Arroyo Seco Channel Modification

Type Roads
Useful Life 50 Years
Category Future Year Unfunded Needs
Provider PW: Roads
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact E. Saavedra - 755-8970
Priority 2-Law or Mandate
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$250,000

Grading a low-flow pilot channel in Arroyo Seco river channel. The pilot channel is proposed to being just upstream of the Thorne Road bridge for a lenth of approximately 500 ft.

Justification

Following of the construction of the Thorne Road Bridge in 2008-2009, the river channel re-aligned and the low-flow channel is against the easterly channel bank and potentially undermining the slope.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	25,000	100,000				125,000
Construction Management			125,000			125,000
Total	25,000	100,000	125,000			250,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	25,000	100,000	125,000			250,000
Total	25,000	100,000	125,000			250,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 2014-01
Project Name Joint City and County Parking Structure



Type Building
Useful Life 30 Years
Category Future Year Unfunded Needs
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact D. Searle/755-5061
Priority n/a
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$26,460,189

The project will provide a multi-tier 300 car parking deck/structure for the Monterey County Government Center, City of Salinas, and downtown Salinas. The objective is to establish a net-zero facility that will create electricity through the implementation of a solar canopy array that could provide the entire facility located below with lighting when needed.

Justification

Sufficient parking is not currently available to meet the needs of the City of Salinas, Monterey County and Courts. This cooperative project will be developed in conjunction with the City of Salinas. The option of a Public-Private Partnership will be explored to lessen the required capital costs to the City and County. A parking structure immediately adjacent to the MCGC Campus will eliminate the need for shuttle service for County Employees that do not have parking available on or near the campus. It will also support parking for the Courthouse as well as downtown Salinas services.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			3,780,027			3,780,027
Construction Management			3,780,027			3,780,027
Construction			14,000,100			14,000,100
Contingency			4,900,035			4,900,035
Total			26,460,189			26,460,189

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			26,460,189			26,460,189
Total			26,460,189			26,460,189

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # 4011
Project Name Medical Condo Site Improvements

Type Building
Useful Life 25 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact J. Jeska-755-8964
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs



Description **Total Project Cost:** \$875,000

On February 9, 2010, the Board of Supervisors directed County staff to consider limited site improvements at The Valle Verde Medical Condominiums.

Justification

Project will provide some site improvements while maintaining the present status of the ground lease and not restricting or encumbering future development of the property or any other County owned property adjacent to it.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		42,875				42,875
Construction Management		82,125				82,125
Construction		750,000				750,000
Total		875,000				875,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		875,000				875,000
Total		875,000				875,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 40401
Project Name MCGC Administration Bldg - Traffic Signal



Type Other
Useful Life 25 Years
Category Future Year Unfunded Needs
Provider PW: Architectural Services
Cost Accuracy Preliminary Estimate +/- 20%
Department RMA-Public Works & Facilities
Contact D. Searle - 755-5061
Priority 2-Law or Mandate
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$295,000

Fund this County's portion of a Traffic Signal at the intersection of Capital and Alisal Streets, Salinas as identified in the original Government Center Campus EIR.

Justification

Enhance pedestrian access and comply with traffic mitigation measures identified in the Government Center Campus EIR. The City Traffic Improvement priorities have not supported this improvement to date.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		25,000				25,000
Construction Management		25,000				25,000
Construction		200,000				200,000
Other		45,000				45,000
Total		295,000				295,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		295,000				295,000
Total		295,000				295,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8667
Project Name Las Lomas Dr Bicycle Lane & Pedestrian Project



Type Bicycle & Pedestrian
Useful Life 10 Years
Category Future Year Unfunded Needs
Provider PW: Roads
Cost Accuracy Budget Estimate +/- 10%
Department RMA-Public Works & Facilities
Contact I. Dela Merced - 755-4746
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$3,096,293

Project proposes to widen Las Lomas Drive from Hall Road to Thomas Road. Project includes new curb and gutter, retaining wall at east side of the street, water treatment facility, sidewalks, driveways and parking space.

Justification

Provides air quality benefits, offers an alternative mode of transportation and provides safe access for bicyclists and pedestrians.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
313,376	Design/Environmental		329,000				329,000
Total	Right of Way/Utilities		76,000	19,000			95,000
	Construction Management			334,125			334,125
	Construction			2,024,792			2,024,792
	Total		405,000	2,377,917			2,782,917

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
313,376	Unfunded		405,000	2,377,917			2,782,917
Total	Total		405,000	2,377,917			2,782,917

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 8865
Project Name Administration Bldg Tenant Improvements 2nd Floor



Type Building
Useful Life 50 Years
Category .
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact J. Jeska-755-8964
Priority 4-Fiscal Impact
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$943,650

Renovations to the 2nd floor of the Administration Bldg to accommodate the relocation of the Public Defender after the RMA moves to Schilling Place.

Project Score: 66

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 15 Project readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

RMA will be moving to Schilling leaving the 2nd floor vacant. Currently the Public Defender is located in a modular building across the street from the Government Center in a facility that is less than adequate. Moving the Public Defender to the 2nd floor allows the modular building to be disposed of.

Prior	Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
82,209	Design/Environmental	169,000					169,000
	Construction Management	18,855					18,855
	Construction	348,586					348,586
	Furniture Fixtures & Equipment	100,000					100,000
	Contingency	225,000					225,000
	Total	861,441					861,441

Prior	Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
82,209	Unfunded	861,441					861,441
	Total	861,441					861,441

Budget Impact/Other

Work for FY 16/17 was funded through budget augmentation. Work for FY 17/18 is unfunded.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2014-05

Project Name Energy Efficiency Measures - Phase 5



Type	Building	Department	RMA-Public Works & Facilities
Useful Life	25 Years	Contact	T Nyunt 755-4631
Category	Future Year Unfunded Needs	Priority	2-Law or Mandate
Provider	PW: Facilities	Project Status	Unfunded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	
		Status	Future Needs

Description

Total Project Cost: \$1,000,000

This project is Phase 5 for meeting overall MCAP goals to reduce overall greenhouse gas emissions in a comprehensive manner over the course of five consecutive years.

Retrofit Interior Lighting at Adult Rehab, Correctional Facility, and New Jail. Install Interior Lighting Controls at Adult Rehab, Correctional Facility and New Jail. Outdoor Lighting Improvements at Adult Rehab, Correctional Facility, New Jail, PSB and the Youth Center. Retrofit Street Lights County-Wide.

Justification

Comply with State of California Greenhouse Gas Reduction mandate AB32 and with 2010 General plan policies to reduce the County's carbon footprint. Replace old/ obsolete equipment footprint. Replace old/obsolete equipment. Reduce maintenance and utility Cost.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		112,476				112,476
Construction Management		112,467				112,467
Construction		658,800				658,800
Contingency		116,257				116,257
Total		1,000,000				1,000,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		1,000,000				1,000,000
Total		1,000,000				1,000,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-06
Project Name 142 W. Alisal Street EIR



Type Building
Useful Life 50 Years
Category .
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact D. Searle/755-5061
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority N/A
Status Future Needs

Description **Total Project Cost:** \$150,000

Conduct environmental review of viable reuse alternatives for the Old Jail facility located at 142 West Alisal, in Salinas, California.

Score: 46

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 0 Project Readiness/Timeline: 5 County Environmental Goals: 0
 Funding: 1

Justification

The project description identified by the Board of Supervisor during FY 2015/16 includes demolition of the Old Jail, removal of the existing Alisal/Capital Street Parking, creation of a new urban space for civic engagement while commemorating the historicity of the site, and relocation and/or expansion of parking. The EIR is to begin the CEQA process in fulfillment of the original master plan for the Monterey County Government Center Campus bordered by Alisal, Church, Gabilan, and Capital Streets in Salinas. The master plan identified the need to remove the Old Jail and maintain green space on the existing campus.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	150,000					150,000
Total	150,000					150,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	150,000					150,000
Total	150,000					150,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-07

Project Name San Miguel Canyon Rd/Castroville Blvd Roundabout

Type	Roads	Department	RMA-Public Works & Facilities
Useful Life	25 Years	Contact	M. Qureshi- 796-3009
Category	.	Priority	5-Desirable, Not Critical
Provider	PW: Roads	Project Status	Unfunded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	
		Status	Future Needs

Description

Total Project Cost: \$3,065,000

Construct roundabout at intersection of San Miguel Canyon Road and Castroville Blvd.

Score: 64

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 0 Funding: 1

Justification

A regional study conducted by TAMC identified this location as one where a roundabout is recommended.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	600,000	150,000				750,000
Right of Way/Utilities		25,000				25,000
Construction Management			365,000			365,000
Construction			1,925,000			1,925,000
Total	600,000	175,000	2,290,000			3,065,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	600,000	175,000	2,290,000			3,065,000
Total	600,000	175,000	2,290,000			3,065,000

Budget Impact/Other

This project is expected to be funded by Measure X.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-11

Project Name Roundabout at Werner Rd, Salinas Rd, and Hall Rd.

Type	Roads	Department	RMA-Public Works & Facilities
Useful Life	25 Years	Contact	M. Qureshi- 796-3009
Category	.	Priority	5-Desirable, Not Critical
Provider	PW: Roads	Project Status	Unfunded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	
		Status	Future Needs

Description

Total Project Cost: \$3,165,000

Construct a roundabout in the area where Werner Rd, Salinas Rd and Hall Rd meet to replace 3 existing intersections with one or two roundabouts.

Score: 64

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 0
Funding: 1

Justification

This is a location that has been identified by staff as having operational and safety concerns that should be addressed.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	100,000		600,000	150,000		850,000
Right of Way/Utilities				25,000		25,000
Construction Management					365,000	365,000
Construction					1,925,000	1,925,000
Total	100,000		600,000	175,000	2,290,000	3,165,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	100,000		600,000	175,000	2,290,000	3,165,000
Total	100,000		600,000	175,000	2,290,000	3,165,000

Budget Impact/Other

This project is expected to use funds from Measure X.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-13

Project Name Safety and Security Measures - Phase 1 of 5

Type	Building	Department	RMA-Public Works & Facilities
Useful Life	30 Years	Contact	D. Searle/755-5061
Category	.	Priority	1-Critical Health & Safety
Provider	PW: Architectural Services	Project Status	Unfunded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	
		Status	Future Needs

Description

Total Project Cost: \$1,752,500

The project is to provide a five year phased approach to implement a portion of the County-wide Security Enhancement Survey/Study. Each year, work will include design and installation of security camera installations, fencing/gates, security signage, public space amenities that enhance the level of security at County Facilities.

Score: 69

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0

Funding: 1

Justification

The County is in need of physical security enhancements at facilities to improve employee and user safety. A standardized approach to certain security measures and policies are needed. These include visual supervision, restricted entry, weapons screening, staff identification, emergency alarms, fire alarm panel replacement/upgrades and security barriers. While new facilities or tenant improvements can address these issues, existing facilities that are not scheduled for renovation require attention to these same measures. Therefore, a comprehensive approach on a planned schedule to address these measures is highly advisable.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	50,000	50,000	50,000	50,000	50,000	250,000
Construction Management	10,500	10,500	10,500	10,500	10,500	52,500
Construction	175,000	175,000	175,000	175,000	175,000	875,000
Other	53,750	53,750	53,750	53,750	53,750	268,750
Contingency	61,250	61,250	61,250	61,250	61,250	306,250
Total	350,500	350,500	350,500	350,500	350,500	1,752,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	350,000	350,000	350,000	350,000	350,000	1,750,000
Total	350,000	350,000	350,000	350,000	350,000	1,750,000

Budget Impact/Other

The impact of conducting such measures would reduce the County's vulnerability to violence as well as reduce the liability of responsibility in the event violent incident(s) might occur.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-14

Project Name Natividad Campus Master Plan

Type Unassigned

Department RMA-Public Works & Facilities

Useful Life n/a

Contact D. Searle/755-5061

Category .

Priority 1-Critical Health & Safety

Provider PW: Architectural Services

Project Status Unfunded

Cost Accuracy Program Estimate +/- 35%

Dept Priority

Status Future Needs

Description

Total Project Cost: \$150,000

The project is a master plan of all site related features on the Natividad Campus bordered by Natividad Road/East Laurel Drive and Constitution Boulevard in Salinas. Elements to be included in the plan will cover parking, drives, County signage standards, lighting, solar panel implementation, utilities (gas, electric, water, sewer, and storm water), and future utilization of space.

Score: 69

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0

Funding: 1

Justification

Proper documentation in a single, unified format for all site features currently in use as well as comprehensive plan to allocate remaining space utilization at the Natividad campus between all users (Natividad Medical Center, Juvenile Hall/Courts, Public Safety Building/Sheriff/Coroner, and Jail/Adult Rehabilitation) is needed. Coordination between all departments is critical as the current campus density has made future development problematic. It is critical to plan for a second/backup water supply to these critical County facilities in the event of an emergency.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	150,000					150,000
Total	150,000					150,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	150,000					150,000
Total	150,000					150,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-15
Project Name Signage and Wayfinding

Type Other
Useful Life n/a
Category .
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact D. Searle/755-5061
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost: \$750,000**

Standardizing exterior signage for County facilities is a method to properly identify and distinguish County facilities from state and municipal facilities.

Score: 59

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Signage and Wayfinding provides direction and identification to County residents and first responders in the event of an emergency. Standardizing signage also affords a better branding of the County services and enhances user experience of those services. The signage program would standardize and then implement exterior County signage at all County sites and buildings.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	15,000	15,000	15,000	15,000	15,000	75,000
Construction	125,000	125,000	125,000	125,000	125,000	625,000
Other	10,000	10,000	10,000	10,000	10,000	50,000
Total	150,000	150,000	150,000	150,000	150,000	750,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	150,000	150,000	150,000	150,000	150,000	750,000
Total	150,000	150,000	150,000	150,000	150,000	750,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-16
Project Name Removal of Decommissioned Facilities

Type Unassigned
Useful Life
Category .
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact D. Searle/755-5061
Priority n/a
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$239,660

Project involves a program of scheduled removal of existing facilities that have been decommissioned and are in need of removal.

Score: 39

Health/Safety: 20 Economic Impact: 0 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

There is a need to remove existing facilities that have been decommissioned for use throughout the County to either prepare existing County property for potential new projects, remove structures that present a risk to the community for health reasons or potential safety hazards, remove abandoned facilities that are targets for vandalism, eliminate the need to mothball facilities that contribute to overall County blight. Target facilities would be 1220 Natividad Road and 522 N. 2nd Street in King City.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	27,390					27,390
Construction Management	27,390					27,390
Construction	136,948					136,948
Contingency	47,932					47,932
Total	239,660					239,660

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	239,660					239,660
Total	239,660					239,660

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-17
Project Name Schilling Place - North RMA Tenant Improvement

Type Unassigned
Useful Life
Category .
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact D. Searle/755-5061
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$525,370

The project includes the relocation of the Facilities Division from its current location at Laurel Yard to Schilling Place for the purposes of providing better overall supervision and distribution of services.

Score: 26

Health/Safety: 0 Economic Impact: 0 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

The need to further centralize the operations of the Resource Management Agency (RMA) to provide better overall supervision and distribution of services can be accommodated within the remaining space at Schilling Place. This will include moving the Facilities Division and the Departmental Operations Center (DOC) to the Schilling Campus from the Laurel Yard in Salinas. The project will include the conversion of planned file space to host additional office functions, the internal relocation/expansion of RMA-records capabilities, creation of a Facilities Grounds and Building Maintenance Crew area, and a permanent/dedicated Departmental Operations Center.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	33,688					33,688
Construction Management	36,889					36,889
Construction	336,884					336,884
Contingency	117,909					117,909
Total	525,370					525,370

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	525,370					525,370
Total	525,370					525,370

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-18

Project Name Solar Energy Initiatives - Phase 1 of 5

Type Other

Department RMA-Public Works & Facilities

Useful Life

Contact F. Kabwasa-Green/755-4805

Category .

Priority n/a

Provider PW: Architectural Services

Project Status Unfunded

Cost Accuracy Program Estimate +/- 35%

Dept Priority

Status Future Needs

Description

Total Project Cost: \$15,000,000

The project is to reduce energy costs, reduce greenhouse gas emissions, and promote sustainability in a highly visible manner to County residents through a committed approach of installing solar panel arrays at key County facilities. Proposed as a five year initiative, each year will target a solar array installation at the following locations: Schilling Place Campus, Government Center Campus, Agricultural Commissioner Abbott Street Campus, Natividad Campus, and Greenfield Yard.

Score: 68

Health/Safety: 0 Economic Impact: 20 Law/Mandate: 15 Annual Costs: 15 Project Readiness/Timeline: 5 County Environmental Goals: 10

Funding: 3

Justification

The County's sustainability efforts can be greatly increased through the implementation of an aggressive campaign to install solar panel arrays at key County facilities while reducing costs for electrical power. The project will pursue funding through the Energy Conservation Assistance Act (ECAA) which provides for a maximum \$3,000,000 grant at 1% Interest Rate.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	200,000	200,000	200,000	200,000	200,000	1,000,000
Construction	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Other	50,000	50,000	50,000	50,000	50,000	250,000
Contingency	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Total	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-19

Project Name 142 W. Alisal Street Commemorative Park

Type	Other	Department	RMA-Public Works & Facilities
Useful Life	30 Years	Contact	D. Searle/755-5061
Category	Future Year Unfunded Needs	Priority	n/a
Provider	PW: Architectural Services	Project Status	Unfunded
Cost Accuracy	Program Estimate +/- 35%	Dept Priority	
		Status	Future Needs

Description

Total Project Cost: \$4,555,932

The project is for the creation of a public space for civic engagement that celebrates the historicity of the Old County Jail site at 142 E. Alisal Street. Relocation of the existing parking area from the front of the Government Center Campus to the NE Corner including a new surface parking lot behind the North Wing of the Courthouse. A separate City/County parking parking deck at the area of the new surface parking area would be conducted under a Phase II of this project once City/County/Courts are able to coordinate funding.

Justification

The Government Center Master Plan has not been fully implemented. The original Master Plan for 168 W. Alisal Street included the creation of a public green space in place of the existing Old Jail. The opportunity to expand the vision for this green space with the entire SE Corner of the Government Center Campus and create more parking by relocation of the surface lot to the NE Corner of the site would integrate with the City of Salinas Vibrancy Plan and offer a better space for commemorating the historical status of the Old Jail location.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			428,290			428,290
Construction Management			428,290			428,290
Construction			2,141,448			2,141,448
Other			594,252			594,252
Furniture Fixtures & Equipment			214,145			214,145
Contingency			749,507			749,507
Total			4,555,932			4,555,932

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			4,555,932			4,555,932
Total			4,555,932			4,555,932

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-20
Project Name 1200 Aguajito Road Renovations

Type Building **Department** RMA-Public Works & Facilities
Useful Life 30 Years **Contact** D. Searle/755-5061
Category Future Year Unfunded Needs **Priority** n/a
Provider PW: Architectural Services **Project Status** Unfunded
Cost Accuracy Program Estimate +/- 35% **Dept Priority**
Status Future Needs

Description **Total Project Cost:** \$66,863,673

1200 Aguajito Road, Monterey is the location of a Courts and County Facility constructed in the 1960s. It contains Court functions as wells as numerous County departments that include Supervisor District Five, Veterans Affairs, Probation, Health Department, District Attorney, and Sheriff Substation. The building systems (lighting, electrical, data, heating, air conditioning, ventilation) as well as all finishes are in need of replacement warranting a complete building renovation to satisfy contemporary life safety/building code, seismic, and accessibility requirements. Some hazardous material abatement is also required as part of the project. Highly coordinated phasing of the project to maintain uninterrupted of Court functions during the renovation process will be necessary.

Justification

1200 Aguajito Road is a heavily utilized facility and one of the major buildings utilized by County residents. It has not had a major renovation in over 50 years and is worn out. Small projects have been undertaken recently, supported by Courts, to bring the building into better accessibility compliance, but the interior of the facility is in need of complete replacement. Technologies present in the facility are not up to contemporary standards, the building systems are inefficient and need to be replaced with more sustainable and energy saving equipment, given the extensive use by all departments/users located within.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental					7,641,563	7,641,563
Construction Management					7,641,563	7,641,563
Construction					38,207,813	38,207,813
Contingency					13,372,734	13,372,734
Total					66,863,673	66,863,673

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded					66,863,637	66,863,637
Total					66,863,637	66,863,637

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PW 2017-21
Project Name 1352 Natividad Adaptive Reuse

Type Other
Useful Life n/a
Category Future Year Unfunded Needs
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact D. Searle/755-5061
Priority 5-Desirable, Not Critical
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$3,240,837

Project involves the adaptive reuse of the original Juvenile Hall facility constructed in the 1930s located at 1352 Natividad Road.

Justification

There is a need to provide preservation of the original Juvenile Hall facility and establish an adaptive reuse of the facility. Restoration to 3,884 GSF of the original 1930s design with the removal of the rear addition (2,576 GSF) would provide for office space on the Natividad Campus with ample parking. The project was designed by the architectural firm of Reed and Corlett, Oakland, CA, who also designed the Old County Jail at 142 W. Alisal Street. 1352 Natividad Road is a smaller, better preserved example of the firm's Spanish Gothic style utilized for both the Old Jail and the Old Juvenile Hall facilities. Preservation of this small structure also promotes sustainability through adaptively reusing space that can be renovated affordably.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			477,677			477,677
Construction Management			238,838			238,838
Construction			1,831,093			1,831,093
Furniture Fixtures & Equipment			135,940			135,940
Contingency			557,289			557,289
Total			3,240,837			3,240,837

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			3,240,837			3,240,837
Total			3,240,837			3,240,837

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # PWF 2016-05
Project Name ADA Improvements Phase 5



Type Other
Useful Life 25 Years
Category Future Year Unfunded Needs
Provider PW: Architectural Services
Cost Accuracy Capped-0%
Department RMA-Public Works & Facilities
Contact D. Pratt - 796-6091
Priority 2-Law or Mandate
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$200,000

This project is scheduled for year five of the five year program for Americans with Disabilities Act (ADA) improvements identified in a comprehensive ADA facility master plan. Phase five focus is on multiple County-owned facilities, including but not limited to Laurel Yard, 855 E Laurel Drive, Salinas and Toro Park.

Justification

This is a multi-year program to upgrade existing County owned facilities to comply with state and federal requirements.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		28,570				28,570
Construction Management		28,570				28,570
Construction		142,860				142,860
Total		200,000				200,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		200,000				200,000
Total		200,000				200,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-04
Project Name HVAC System Repair/Replacement Program

Type Building
Useful Life 15 Years
Category .
Provider Facilities
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact P. Lopez 831 755-8998
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$1,650,000

Replace HVAC units at various County Buildings as identified in the 2015 Kitchell Facility Assessment Report. The report separates projects based on department. Numerous units within each department category need major repair or replacement. Many are described as “beyond useful life” in the Facilities Assessment, and they are deteriorating at different rates. Individual projects may be identified as critical where failure is imminent and uninterrupted service is required. The Facilities Assessment will be consulted along with an assessment of current critical needs to determine specific projects to start, based on the amount of funding provided.

Score: 91

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 15 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Many of the County's HVAC units have reached their useful life. Old HVAC units consume more energy and increase energy cost. Failure of HVAC units cause interruptions to operations, negatively effects employee efficiency and productivity, and increase maintenance and repair costs. Some equipment can be repaired to extend use until funding is available, and others must be replaced due to obsolescence or unavailability of parts.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	30,000	30,000	30,000	30,000	30,000	150,000
Construction Management	30,000	30,000	30,000	30,000	30,000	150,000
Construction	200,000	200,000	200,000	200,000	200,000	1,000,000
Contingency	70,000	70,000	70,000	70,000	70,000	350,000
Total	330,000	330,000	330,000	330,000	330,000	1,650,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	330,000	330,000	330,000	330,000	330,000	1,650,000
Total	330,000	330,000	330,000	330,000	330,000	1,650,000

Budget Impact/Other

Emergency maintenance and repair costs would be reduced as a result of repair/replacement work.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-05
Project Name Generator Replacement Program

Type Building **Department** RMA-Public Works & Facilities
Useful Life 15 Years **Contact** P. Lopez 831 755-8998
Category . **Priority** 3-Preserve Existing Facility
Provider Facilities **Project Status** Unfunded
Cost Accuracy Program Estimate +/- 35% **Dept Priority**
Status Future Needs

Description **Total Project Cost:** \$1,650,000

Replace generators at various County Buildings as identified in the 2015 Kitchell Facility Assessment Report. The report separates projects based on department. Numerous units within each department category need major repair or replacement. Many are described as "beyond useful life" in the Facilities Assessment, and they are deteriorating at different rates. Individual projects may be identified as critical where failure is imminent and uninterrupted service is required. The Facilities Assessment will be consulted along with an assessment of current critical needs to determine specific projects to start, based on the amount of funding provided.

Score: 91

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 15 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Many of the Counties generators have reached thir useful life. In case of a power failure generators provide a constant source of electricity avoiding disruption to operations. Generators prevent food from spoiling, maintain care to patients, provide heating and cooling, loss in employee productivity, have a negative fiscal impact etc..

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	30,000	30,000	30,000	30,000	30,000	150,000
Construction Management	30,000	30,000	30,000	30,000	30,000	150,000
Construction	200,000	200,000	200,000	200,000	200,000	1,000,000
Contingency	70,000	70,000	70,000	70,000	70,000	350,000
Total	330,000	330,000	330,000	330,000	330,000	1,650,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	330,000	330,000	330,000	330,000	330,000	1,650,000
Total	330,000	330,000	330,000	330,000	330,000	1,650,000

Budget Impact/Other

Emergency maintenance and repair costs would be reduced as a result of repair/replacement work.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-06
Project Name Fire Safety System Program

Type Building **Department** RMA-Public Works & Facilities
Useful Life 15 Years **Contact** P. Lopez 831 755-8998
Category . **Priority** 3-Preserve Existing Facility
Provider Facilities **Project Status** Unfunded
Cost Accuracy Program Estimate +/- 35% **Dept Priority**
Status Future Needs

Description **Total Project Cost:** \$1,237,500

Replace/Install Fire Safety Systems at various County Buildings as identified in the 2015 Kitchell Facility Assessment Report. The report separates projects based on department. Numerous units within each department category need major repair or replacement. Many are described as "beyond useful life" in the Facilities Assessment, and they are deteriorating at different rates. Individual projects may be identified as critical where failure is imminent and uninterrupted service is required. The Facilities Assessment will be consulted along with an assessment of current critical needs to determine specific projects to start, based on the amount of funding provided.

Score: 91

Health/Safety: 30 Economic Impact: 20 Law/Mandate: 15 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

Fire Safety Systems prevent loss of property and life. Adequate fire protection systems are required to meet fire codes and maintain safe occupancies.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	22,500	22,500	22,500	22,500	22,500	112,500
Construction Management	22,500	22,500	22,500	22,500	22,500	112,500
Construction	150,000	150,000	150,000	150,000	150,000	750,000
Contingency	52,500	52,500	52,500	52,500	52,500	262,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	247,500	247,500	247,500	247,500	247,500	1,237,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Budget Impact/Other

Emergency maintenance and repair costs would be reduced as a result of repair/replacement work.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-07
Project Name Electrical System Maintenance and Repair Program

Type Building
Useful Life 15 Years
Category .
Provider Facilities
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact P. Lopez 831 755-8998
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost: \$1,237,500**

Inspect, maintain, repair, and/or replace aging electrical systems at various County buildings as identified in the 2015 Kitchell Facility Assessment Report. The report separates projects based on department. Numerous units within each department category need major repair or replacement. Many are described as beyond useful life in the Facilities Assessment, and they are deteriorating at different rates. Individual projects may be identified as critical where failure is imminent and uninterrupted service is required. The Facilities Assessment will be consulted along with an assessment of current critical needs to determine specific projects to start, based on the amount of funding provided.

Score: 86

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 10 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 10 Funding: 1

Justification

Maintain and upgrade electrical systems that have exceed their useful life to prevent potential fire hazards and disruption to services and operations.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	22,500	22,500	22,500	22,500	22,500	112,500
Construction Management	22,500	22,500	22,500	22,500	22,500	112,500
Construction	150,000	150,000	150,000	150,000	150,000	750,000
Contingency	52,500	52,500	52,500	52,500	52,500	262,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	247,500	247,500	247,500	247,500	247,500	1,237,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Budget Impact/Other

Emergency maintenance and repair costs would be reduced as a result of repair/replacement work.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-08
Project Name Parking Lot Lighting Program

Type Building **Department** RMA-Public Works & Facilities
Useful Life 15 Years **Contact** P. Lopez 831 755-8998
Category . **Priority** 3-Preserve Existing Facility
Provider Facilities **Project Status** Unfunded
Cost Accuracy Program Estimate +/- 35% **Dept Priority**
Status Future Needs

Description **Total Project Cost:** \$1,237,500

Install and/or replace parking lot lighting at County facilities as identified in the 2015 Kitchell Facility Assessment Report. The report separates projects based on department. Numerous units within each department category need major repair or replacement. Many are described as "beyond useful life" in the Facilities Assessment, and they are deteriorating at different rates. Individual projects may be identified as critical where failure is imminent and uninterrupted service is required. The Facilities Assessment will be consulted along with an assessment of current critical needs to determine specific projects to start, based on the amount of funding provided.

Score: 86

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 10 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 10
 Funding: 1

Justification

Parking lot lighting provides security and safety of facilities, employees and the public. Additionally, it will reduce maintenance costs, the County's carbon footprint and energy costs.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	22,500	22,500	22,500	22,500	22,500	112,500
Construction Management	22,500	22,500	22,500	22,500	22,500	112,500
Construction	150,000	150,000	150,000	150,000	150,000	750,000
Contingency	52,500	52,500	52,500	52,500	52,500	262,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	247,500	247,500	247,500	247,500	247,500	1,237,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Budget Impact/Other

Emergency maintenance and repair costs would be reduced as a result of repair/replacement work.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-09

Project Name Parking Lot Pavement Repair Program

Type Building	Department RMA-Public Works & Facilities
Useful Life 15 Years	Contact P. Lopez 831 755-8998
Category .	Priority 3-Preserve Existing Facility
Provider Facilities	Project Status Unfunded
Cost Accuracy Program Estimate +/- 35%	Dept Priority
	Status Future Needs

Description

Total Project Cost: \$1,650,000

Inspect, maintain, repair aging pavement at County facilities as identified in the 2015 Kitchell Facility Assessment Report. The report separates projects based on department. Numerous parking lots and pavement identified within each department category need major repair or replacement. Many are described as "beyond useful life" in the Facilities Assessment, and they are deteriorating at different rates. Individual projects may be identified as critical where failure is imminent and uninterrupted service is required. The Facilities Assessment will be consulted along with an assessment of current critical needs to determine specific projects to start, based on the amount of funding provided.

Score: 76

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 10 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0 Funding: 1

Justification

Many of the County's parking lots have deteriorated beyond their useful life. They are in need of repairs, maintenance and/or reconstruction. Pavement maintenance and repairs provide a cost benefits, preserve infrastructure, prevent damage to vehicles and prevent potential trip hazards.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	30,000	30,000	30,000	30,000	30,000	150,000
Construction Management	30,000	30,000	30,000	30,000	30,000	150,000
Construction	200,000	200,000	200,000	200,000	200,000	1,000,000
Contingency	70,000	70,000	70,000	70,000	70,000	350,000
Total	330,000	330,000	330,000	330,000	330,000	1,650,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	330,000	330,000	330,000	330,000	330,000	1,650,000
Total	330,000	330,000	330,000	330,000	330,000	1,650,000

Budget Impact/Other

Emergency maintenance and repair costs would be reduced as a result of repair/replacement work.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-10
Project Name Plumbing System Replacement and Repairs Program

Type Building
Useful Life 15 Years
Category .
Provider Facilities
Cost Accuracy Program Estimate +/- 35%

Department RMA-Public Works & Facilities
Contact P. Lopez 831 755-8998
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$1,237,500

Inspect, maintain, repair, and/or replace aging plumbing systems at various County buildings as identified in the 2015 Kitchell Facility Assessment Report. The report separates projects based on department. Numerous units within each department category need major repair or replacement. Many are described as "beyond useful life" in the Facilities Assessment, and they are deteriorating at different rates. Individual projects may be identified as critical where failure is imminent and uninterrupted service is required. The Facilities Assessment will be consulted along with an assessment of current critical needs to determine specific projects to start, based on the amount of funding provided.

Score: 76

Health/Safety: 20 Economic Impact: 20 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 10 Funding: 1

Justification

Maintain and upgrade plumbing systems that have exceed their useful life to prevent potential leaks, mold, loss of property and disruption to services and operations.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	22,500	22,500	22,500	22,500	22,500	112,500
Construction Management	22,500	22,500	22,500	22,500	22,500	112,500
Construction	150,000	150,000	150,000	150,000	150,000	750,000
Contingency	52,500	52,500	52,500	52,500	52,500	262,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	247,500	247,500	247,500	247,500	247,500	1,237,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Budget Impact/Other

Without regular maintenance to County systems, costly emergency repairs will be required as systems fail.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-11
Project Name Boiler Replacement Program

Type Building **Department** RMA-Public Works & Facilities
Useful Life 15 Years **Contact** P. Lopez 831 755-8998
Category . **Priority** 3-Preserve Existing Facility
Provider Facilities **Project Status** Unfunded
Cost Accuracy Program Estimate +/- 35% **Dept Priority**
Status Future Needs

Description **Total Project Cost:** \$1,237,500

Replace boilers at various County Buildings as identified in the 2015 Kitchell Facility Assessment Report. The report separates projects based on department. Numerous units within each department category need major repair or replacement. Many are described as "beyond useful life" in the Facilities Assessment, and they are deteriorating at different rates. Individual projects may be identified as critical where failure is imminent and uninterrupted service is required. The Facilities Assessment will be consulted along with an assessment of current critical needs to determine specific projects to start, based on the amount of funding provided.

Score: 71

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 10
 Funding: 1

Justification

Many of the County's boilers have reached there useful life. Failure interrupts service to facilities, occupants and operations and can result in damage to the building and other equipment. Replacement would save on repairs cost and provide energy efficiency benefits.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	22,500	22,500	22,500	22,500	22,500	112,500
Construction Management	22,500	22,500	22,500	22,500	22,500	112,500
Construction	150,000	150,000	150,000	150,000	150,000	750,000
Contingency	52,500	52,500	52,500	52,500	52,500	262,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	247,500	247,500	247,500	247,500	247,500	1,237,500
Total	247,500	247,500	247,500	247,500	247,500	1,237,500

Budget Impact/Other

Emergency maintenance and repair costs would be reduced as a result of repair/replacement work. The continued costs of repairs to the existing boilers and the quantity of time necessary to address these repairs detracts from RMA-Facilities to manage and maintain other existing locations.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # PWF 2017-12
Project Name Water Softener Replacement Program

Type Unassigned
Useful Life 10 Years
Category .
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%
Department RMA-Public Works & Facilities
Contact P. Lopez 831 755-8998
Priority n/a
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$825,000

Replace water softeners at various County Buildings.

Score: 46

Health/Safety: 20 Economic Impact: 0 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 0 County Environmental Goals: 10
 Funding: 1

Justification

Many of the County's softeners have reached there useful life. Failure causes clogs and failed pipes; reduces the efficiency of water heaters; reduces energy efficiency, and increases energy costs. Water softeners prolong the lifespan of pipes and appliances by preventing the buildup of calcium and magnesium.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	15,000	15,000	15,000	15,000	15,000	75,000
Construction Management	15,000	15,000	15,000	15,000	15,000	75,000
Construction	100,000	100,000	100,000	100,000	100,000	500,000
Contingency	35,000	35,000	35,000	35,000	35,000	175,000
Total	165,000	165,000	165,000	165,000	165,000	825,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	825,000					825,000
Total	825,000					825,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # 25105
Project Name Security Canopy - Salinas Court Holding Facility

Type Other
Useful Life 20 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Capped-0%
Department Sheriff-Coroner
Contact Chief John Minuea 755-3753
Priority 1-Critical Health & Safety
Project Status Unfunded
Dept Priority
Status Future Needs



Description **Total Project Cost:** \$315,000

Construct a cover/canopy over the underground sally port ramp (loading area) at the Salinas Court Holding Facility.

Justification

Provide a secure and safe environment for both the inmates and staff and prevent escapes.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		47,250				47,250
Construction Management		47,250				47,250
Construction		220,500				220,500
Total		315,000				315,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		315,000				315,000
Total		315,000				315,000

Budget Impact/Other

Project budget capped at \$300K.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # SO 2004-039

Project Name Coastal Patrol Station-Monterey Courthouse

Type Other

Department Sheriff-Coroner

Useful Life 20 Years

Contact Chief Jerry Teeter/755-3801

Category .

Priority 1-Critical Health & Safety

Provider PW: Facilities

Project Status Unfunded

Cost Accuracy Program Estimate +/- 35%

Dept Priority

Status Future Needs



Description

Total Project Cost: \$290,000

Consolidation of Sheriff's services, upgrading and remodeling, installing a security access system and secure patrol unit parking for Coastal Patrol Station at the Monterey Courthouse. This will include rewiring the structure for computer and other upgraded communications and installing proper men and women's locker rooms. The estimated cost does not include abatement.

Score: 54

Health/Safety: 20 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0

Funding: 1

Justification

Need to modernize and properly secure law enforcement offices, patrol vehicle parking areas and general use of this patrol station, as well as the approaches and security of the entire courthouse. Security for the entire courthouse facility must be considered in any major improvements to the facility. This includes approaches and parking adjacent to the building, secure approaches and parking around the building, and a review of the overall security of the building. Communication system capability must be modernized and lines added.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	42,000					42,000
Construction Management	42,000					42,000
Construction	206,000					206,000
Total	290,000					290,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	290,000					290,000
Total	290,000					290,000

Budget Impact/Other

The 24/7 use of the building is a 3-fold increase in the normal use pattern. This site does not have modern security access, nor secure emergency response vehicle security provisions included in the use of the facility. The station has not been completely remodeled since it was built and consolidation of Sheriff's services needs to be included in any new design.

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # SO 2004-040
Project Name South County Facility Repaving Project



Type Other
Useful Life 20 Years
Category .
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%
Department Sheriff-Coroner
Contact Chief Jerry Teeter/755-3801
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$232,000

Grind in place existing asphalt, grade parking lot, install drainage gutter, install handicap access ramp, repave the rear parking lot, painting parking stall lines and install and paint wheel stops.

Score: 29

Health/Safety: 20 Economic Impact: 0 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 0 County Environmental Goals: 0
 Funding: 1

Justification

Need to modernize and properly secure the law enforcement offices, patrol vehicle parking areas and general use of this patrol station as well as the approaches, parking and security of the entire courthouse.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Construction	232,000					232,000
Total	232,000					232,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	232,000					232,000
Total	232,000					232,000

Budget Impact/Other

Prior CF earmark of \$222K was reallocated to higher priority capital projects.

The 24/7 use of the building is a 3-fold increase in the normal use pattern. This site does not have modern security access, nor secure emergency response vehicle security provisions included in the use of the facility. The station has not been completely remodeled since it was built and consolidation of the Sheriff's services needs to be included in any new design. Security for the entire courthouse facility must be considered in any major improvements to the facility. This includes approaches and parking adjacent to the building, secure approaches and parking around the building, and a review of the overall security of the building. Communication system capability must be modernized and lines added.

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # SO 2004-35
Project Name Public Safety Building Maintenance and Upgrade



Type Building
Useful Life 20 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Preliminary Estimate +/- 20%

Department Sheriff-Coroner
Contact Chief Kevin Oakley 755-3754
Priority 2-Law or Mandate
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$302,086

Removal of worn and damaged wall paper in two main hallways; paint entire inside of facility (some areas will require texturing prior to paint); replace worn and damages carpets throughout the facility.

Justification

The wallpaper in the hallways has disintegrated and now causes breathing problems and dust issues for the employees and visitors. Many of the painted walls are full of holes and have paint chipping off. The carpets have become a tripping hazard as well as a breathing hazard due to dirt build up that can no longer be cleaned up. The communication system is required by the state and has been for four years.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			43,108			43,108
Construction Management			43,108			43,108
Construction			215,870			215,870
Total			302,086			302,086

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			302,086			302,086
Total			302,086			302,086

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 thru '21/'22

Monterey County, California

Project # SO 2011-01
Project Name Replace Flooring in Men's Dorms - Adult Detention



Type Building
Useful Life 10 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%
Department Sheriff-Coroner
Contact Chief John Minuea 755-3753
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$275,351

Remove existing broken and damaged vinyl floor tile and replace with epoxy floor system.

Justification

The current Dorm floor tiles were placed in 1994 and due to extensive water leaks, 24/7 use of the dorms by inmate population and poor maintenance to the showers, many of the tiles have detached from their floor adhesive and are regularly used as weapons in inmate on inmate fights within the dorms. Mold and mildew are also present due to soap and dirty water getting between the damaged tiles and the floor.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		39,375				39,375
Construction Management		9,450	23,153			32,603
Construction		47,250	115,763			163,013
Other		19,688	20,672			40,360
Total		115,763	159,588			275,351

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		115,763	159,588			275,351
Total		115,763	159,588			275,351

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # SO 2011-02
Project Name Replace Floors in Men's Pods A-J Adult Detention



Type Building
Useful Life 15 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%
Department Sheriff-Coroner
Contact Chief Budd - 755-3859
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 10
Status Future Needs

Description **Total Project Cost:** \$440,559

Remove existing floor tile in men's pods and replace with epoxy floor. Costs includes testing, removal and monitoring of hazardous materials.

Justification

The current pod floor tiles were placed in 1984 and due to extensive water leaks, 24/7 use of the pods by the inmate population and poor maintenance to the showers, many of the tiles have detached from the floor adhesive and are used as weapons. Mold and mildew are also present due to soap and dirty water getting between the damaged tiles and the floor.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		63,000				63,000
Construction Management		15,120	37,044			52,164
Construction		75,600	185,220			260,820
Other		31,500	33,075			64,575
Total		185,220	255,339			440,559

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		185,220	255,339			440,559
Total		185,220	255,339			440,559

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # SO 2011-05

Project Name Replace Roof at Sally Port and Intake Area



Type Building

Department Sheriff-Coroner

Useful Life 20 Years

Contact Chief John Minuea 755-3753

Category Future Year Unfunded Needs

Priority 3-Preserve Existing Facility

Provider PW: Facilities

Project Status Unfunded

Cost Accuracy Program Estimate +/- 35%

Dept Priority

Status Future Needs

Description

Total Project Cost: \$2,623,950

The project includes removal and/or repair of existing roof surfaces at Intake and Sally Port including replacing equipment curbs, vibration control joints at roof top equipment. Costs include testing, removal and monitoring of hazardous materials.

Justification

Water flows off the women's yard and under the yard's entrance door causing water damage in the floors of V-Pod (which leads to the Yard exit/entry). This leak needs to be mitigated to prevent mold and mildew damage.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			385,875			385,875
Construction Management			308,700			308,700
Construction			1,543,500			1,543,500
Other			385,875			385,875
Total			2,623,950			2,623,950

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			2,623,950			2,623,950
Total			2,623,950			2,623,950

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # SO 2011-06
Project Name Men & Women's Roof - Exercise Area-Adult Detention



Type Building
Useful Life 10 Years
Category Future Year Unfunded Needs
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Sheriff-Coroner
Contact Chief John Minuea 755-3753
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost: \$1,827,392**

The includes removal of existing roof surface, replacement of rusted metal control doors, flashing capping unused electrical fixtures, replacing damaged or rusted electrical fixtures, replacing damaged water closet fixtures at Women's Yard, replacing rusted hand rails). Removal and replacement of "no-climb" fencing. Costs include testing, removal and monitoring of hazardous materials.

Justification

Prevent escape off of the Yard (Men's or Woman's Yard) providing 'no-climb' fencing and replace aged and weathered metal fixtures that are rusting and causing leaks from the Yards into the facility below.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental			268,734			268,734
Construction Management			64,496	150,491		214,987
Construction			322,481	752,456		1,074,937
Other			134,367	134,367		268,734
Total			790,078	1,037,314		1,827,392

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded			790,078	1,037,314		1,827,392
Total			790,078	1,037,314		1,827,392

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # SO 2017-01

Project Name 1414 Natividad PSB - Replace Chiller



Type Building

Department Sheriff-Coroner

Useful Life 20 Years

Contact P. Lopez - 755-8998

Category Future Year Unfunded Needs

Priority 3-Preserve Existing Facility

Provider PW: Facilities

Project Status Unfunded

Cost Accuracy Preliminary Estimate +/- 20%

Dept Priority N/A

Status Future Needs

Description

Total Project Cost: \$215,250

Replace chiller.

Justification

Existing unit is 20 years old and at the end of its projected useful life cycle. Replacing the chiller could save the County \$7,700 in utilities and \$2,000 in maintenance for a total saving of \$9,700. If the existing chiller goes down it will cost the County approximately \$8,000 per month.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental		26,250				26,250
Construction Management		26,250				26,250
Construction		131,250				131,250
Other		5,250				5,250
Contingency		26,250				26,250
Total		215,250				215,250

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded		215,250				215,250
Total		215,250				215,250

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # SO-11-11
Project Name Repair Plumbing Lines - Adult Detention



Type Building
Useful Life 10 Years
Category .
Provider PW: Facilities
Cost Accuracy Program Estimate +/- 35%

Department Sheriff-Coroner
Contact Chief Budd - 755-3859
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority
Status Future Needs

Description **Total Project Cost:** \$267,019

Repair and or replace existing copper plumbing in A-J PODS. Piping in various locations has been replaced. The jail will require a comprehensive rebuild and replacing the majority of the iron pipes.

Score: 56

Health/Safety: 30 Economic Impact: 0 Law/Mandate: 0 Annual Costs: 15 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

There are numerous plumbing failures throughout the facility. Every time pipes have been opened and replaced, plumbers have identified MAJOR corrosion and partial blockages. Some of the pipes are have significant reduction in diameter and water flow capacity due to the buildup within the pipes. Continued plumbing leaks continues to cause damage to Sheriff's facilities. The ongoing problems prevent other projects such as floor replacement from being pursued.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	37,500					37,500
Construction Management	9,000	22,050				31,050
Construction	45,000	110,250				155,250
Other	18,750	24,469				43,219
Total	110,250	156,769				267,019

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	110,250	156,769				267,019
Total	110,250	156,769				267,019

Budget Impact/Other

Repair and replacement of plumbing will prevent further costly repairs.

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # DSS-17-01
Project Name 1 Medical Center Drive, Salinas, Women's Shelter

Type Building
Useful Life 10 Years
Category .
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department Social Services
Contact Kim Petty/ (831) 755-4492
Priority 3-Preserve Existing Facility
Project Status Unfunded
Dept Priority 1
Status Future Needs

Description **Total Project Cost:** \$2,898,000

This facility provides housing for Monterey County women and children involved in Domestic violence and homeless situations. Families at the shelter need to prepare their own meals in the kitchen in which the stove burner are inoperable, cabinets for storage are deteriorating, replace deteriorating restroom partitions, exhaust system and faucets. The building needs exterior painting, landscaping in front and back of the building, parking lot needs resurfacing and stripping. Replace flooring throughout building, furnace and fire alarm system.

Score: 79

Health/Safety: 30 Economic Impact: 15 Law/Mandate: 15 Annual Costs: 8 Project Readiness/Timeline: 10 County Environmental Goals: 0
 Funding: 1

Justification

This facility provides housing for Monterey County women and children involved in Domestic violence and homeless situations. Families at the shelter need to prepare their own meals, use the shower/restroom facilities which have water damage, the ADA shower has water damage which is causing mold as well as safety hazard. The cabinets in the kitchen are old and deteriorating and need to be replaced and upgraded with something that provides for storage for 20 families. The stove countertop burners are failing and it's a requirement for families to prepare their own meals with limited resources. This facility has children living there with their mother up to 45 days so they need to have an area to play. The back area has a sandlot area with rocks, sticks and weeds growing in it along with a wooden play structure with unsafe material around it. The building HVAC system needs repair as it has gone out during our cold periods and upgrade fire alarm system especially with family sleeping in building.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	331,200					331,200
Construction Management	331,200					331,200
Construction	1,656,000					1,656,000
Contingency	579,600					579,600
Total	2,898,000					2,898,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	2,898,000					2,898,000
Total	2,898,000					2,898,000

Budget Impact/Other

Future Needs - Capital Improvement Plan

'17/'18 *thru* '21/'22

Monterey County, California

Project # DSS-17-02
Project Name Coastal Office Improvements

Type Unassigned
Useful Life 5 Years
Category .
Provider PW: Architectural Services
Cost Accuracy Program Estimate +/- 35%
Department Social Services
Contact Kim Petty/(831) 755-4492
Priority n/a
Project Status Unfunded
Dept Priority 2
Status Future Needs

Description **Total Project Cost:** \$6,160,000

Coast Office 2620 First Ave, Marina, Adult Services - Move into space vacated by Public Guardian and Grand Jury, remove walls to allow for concurrent space for staff, add Wi-Fi to the building to allow staff to use mobile technology by the use of Surface Pro's. Create ADA accessibility on the sides of the building, create a lobby to see customers.

Score: 29

Health/Safety: 0 Economic Impact: 15 Law/Mandate: 0 Annual Costs: 8 Project Readiness/Timeline: 5 County Environmental Goals: 0

Funding: 1

Justification

Currently DSS In-Home Support Services staff and Social Workers are housed in this building with Public Guardian, Supervisor Parker, Grand Jury and Ag Commission. Public Guardian and Grand Jury are both moving out of the building in 2017/2018 freeing up space for DSS to occupy. Currently DSS is unable to have an lobby to service customers because the Public Guardian occupies the space and do not allow access to the public nor does Supervisor Parker's office. On occasion when DSS customers show up to walk to the rear of the building it is not ADA accessible or appropriate to meet. DSS needs more space to move more of the Adult Services Branch into the building allowing for collaboration for staff.

Expenditures	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Design/Environmental	660,000					660,000
Construction Management	660,000					660,000
Construction	3,300,000					3,300,000
Furniture Fixtures & Equipment	385,000					385,000
Contingency	1,155,000					1,155,000
Total	6,160,000					6,160,000

Funding Sources	'17/'18	'18/'19	'19/'20	'20/'21	'21/'22	Total
Unfunded	6,160,000					6,160,000
Total	6,160,000					6,160,000

Budget Impact/Other

Glossary of Funding Sources

GLOSSARY OF FUNDING SOURCES

AB 900 – On May 23, 2007, the Governor signed into law Chapter 7, Statutes of 2007 (AB 900, Solorio), in order to relieve the significant overcrowding problems facing state prisons. Specifically, AB 900 authorized a total of approximately \$7.7 billion for a broad package of prison construction and rehabilitation initiatives for both state prisons and county jails.

ATP (Active Transportation Program) – Consolidated existing federal and state transportation programs that focus on encouraging increased use of active modes of transportation such as biking and walking.

Building Use Allowance – Capital Project Reserve funds (General Funds) earmarked for facility maintenance and replacement.

CDBG (State Community Development Block Grant) Program – State funds with the primary federal objective of being the development of viable urban communities by providing decent housing and a suitable living environment and by expanding economic opportunities, principally for persons of low and moderate income defined as families, households, and individuals whose incomes do not exceed 80 percent of the county median income with adjustments for family or household size.

CF (Capital Fund) – General Funds that fund Capital Projects

COP (Certificates of Participation) – a security that represents a share of an issuer's lease payment. When a municipality finances a public facility through a lease-purchase transaction, the interest in the government's lease payment often is assigned to a third party that issues certificates of participation. The certificates represent a share of the lease payment to be received by the investor.

CSA - Community Service Area - provide a variety of urban services to defined unincorporated areas within the County. These services include Parks and Recreation, Street Lighting, Street and Sidewalk Maintenance, Storm Drain Maintenance, Surface Water Disposal, Sewage Collection and Disposal, and Levee Maintenance and Repair.

Debt Financing – The act of a business raising operating capital or other capital by borrowing. The acquisition of funds by borrowing.

Developer Impact Fees – one-time fees charged to developers to offset the additional public-service costs of new development.

Donation – An act or instance of presenting something as a gift, grant, or contribution.

Duke Energy Fund – funds provided by Duke Energy Moss Landing LLC for construction of underground utility and street and storm drain improvements on County roads in the Moss Landing community.

EPA (U.S. Environmental Protection Agency) – Federal funds used for the purpose of protecting human health and the environment.

Fee for Service Revenues – fees collected from services provided to customers.

FORA (Fort Ord Reuse Authority) – a legislative board formed in partnership with the Board of Supervisors and other local agencies to oversee the redevelopment of the former Fort Ord Military Installation. Development impact fees are collected from a base-wide reuse plan providing creation of jobs, housing units, preservation of habitat, and a new base-wide infrastructure system at the former Fort Ord site.

Fund 401 - County funds categorized under Facilities Maintenance Projects (Fund 401). Provides funding for planned and unplanned County facility maintenance and repair as well as building equipment and control systems projects.

Fund 404 – County funds categorized under Facilities Master Plan Implementation Projects (Fund 404). Fund 404 was established to track the proceeds of and meet the reporting requirements for the issuance of Certificates of Participation (COPs) for capital projects in the Monterey County Government Center and the Health Services Headquarters.

Gas Tax – Motor Vehicle Fuel Taxes earmarked for street and road purposes.

General Fund – the governmental accounting fund supported by ad valorem (property) taxes, licenses, permits, service charges, and other general revenues to provide for operating services.

HBP (Highway Bridge Program) – Federal funding earmarked for the purpose of replacing or rehabilitating public highway bridges over waterways, other topographical barriers, other highways, or railroads.

HSIP (Highway Safety Improvement Program) – Federal funds used for any highway safety improvement project on any public road, publicly owned bicycle pedestrian pathway, or trail that can be designed and constructed expeditiously.

RSTP (Regional Surface Transportation Program) – the Regional Surface Transportation Program was established by the State to utilize Federal Surface Transportation Program Funds for a variety of transportation projects. The State allows the Transportation Agency to exchange these federal funds for state funds to maximize the ability of local public works departments to use the funds on a wide variety of projects. The Transportation Agency for Monterey County (TAMC) has

the responsibility of distributing these exchanged RSTP funds to the local jurisdictions.

SB 81 - On August 24, 2007, the Local Youthful Offender Rehabilitative Facility Construction Funding Program became law (as authorized by certain provisions of Senate Bill 81, Chapter 175, Statutes of 2007). The purpose of this financing program is to support the rehabilitation of youthful offenders at the local level. As such, pursuant to the legislative intent of SB 81, rehabilitation must be a core component of the operational philosophy of the facility subject to construction, expansion or renovation. In order to receive state financing for a local youthful offender rehabilitative facility project, each participating county must provide a portion of the project costs in matching funds.

Seismic (Seismic Safety Retrofit Program) – State funds that provide for the local match/share of federal HBRR funds. The purpose of the program is to evaluate all publicly owned bridges in California and to take actions necessary to prevent their collapse in the event of an earthquake.

STIP (State Transportation Improvement Program) – a statewide program of state highway and local transportation projects,

TDA (Transportation Development Act) – The Transportation Development Act (TDA) provides for two sources of funding: Local Transportation Funds (LTF) and State Transit Assistance (STA). The program was established to provide funding for public transit in California. TDA funds are considered local funds and are used for public transit operations and capital upgrades. TDA funds are derived from a ¼ cent general sales tax collected in Monterey County.

TE (Transportation Enhancement) – Federal funds used for constructing transportation projects that over-and-above the “normal” project. The goal of TE projects is to enhance the transportation

system. Projects may include tree trimming and landscaping along roadways, bicycle facilities, decorative sidewalks, and transportation museums.

TOT (Transient Occupancy Tax) – A California tax charged when occupying a room or other living space in a hotel, inn, motel, or other lodging for a period of less than 31 days.

Unfunded – Funding not secured or identified.

UASI (Urban Areas Security Initiative) Grant – State funds supporting select high-threat, high-density urban areas in order to address their unique multi-discipline planning, organization, equipment, training, and exercise needs in building and sustaining capabilities to prevent, protect against, respond to and recover from threats or acts of terrorism.