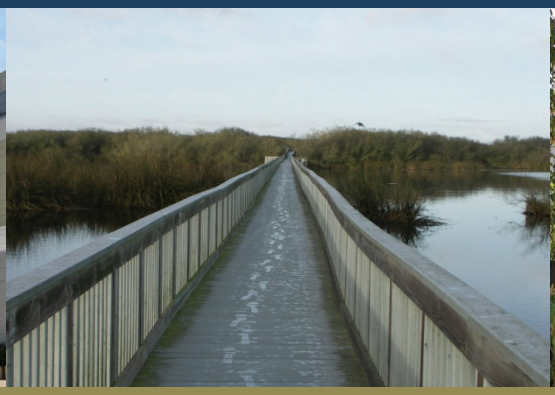
Infrastructure and Facilities Capital Improvement Program Five Year Plan

FY 2012-13 through FY 2016-17



County of San Luis Obispo

COUNTY OF SAN LUIS OBISPO

Infrastructure and Facilities Capital Improvement Program Five Year Plan
FY 2012-13 through FY 2016-17

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Section 1: Executive Summary

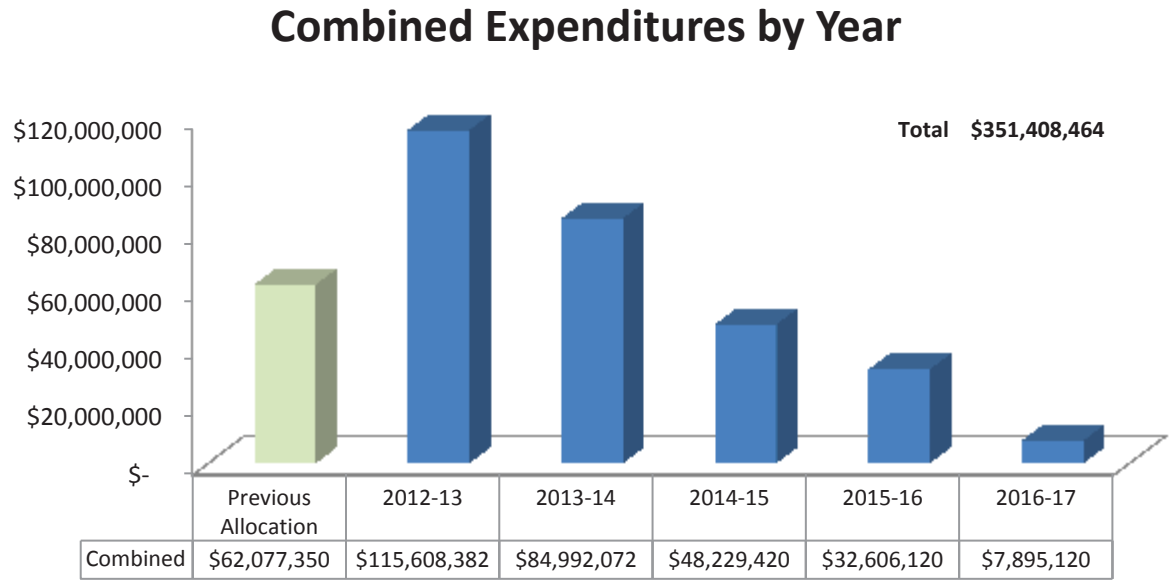
The Five Year Facilities and Infrastructure Capital Improvement Plan (CIP) is a planning tool designed to identify facility and infrastructure improvements which will be considered for development over a five year time frame beginning in FY 2012-13 through FY 2016-17. This Five Year Capital Improvement Plan is the result of a new process developed through a collaborative effort lead by the County Administrative Office, General Services Agency, Public Works and the Planning and Building Department. The new process includes the use of updated criteria to help prioritize proposed projects, greater coordination between the development of facility and infrastructure projects and the incorporation of land use plans and goals.

The Five Year CIP identifies projects and expenses which are planned for consideration over the next five years. The majority of the projects in the CIP have funding identified. The CIP includes the following:

- Seventy facility and infrastructure projects with an estimated cost of $351.4 million
- Thirty-two facility projects identified by General Services Agency with a total estimated cost of $90.8 million
- Thirty-eight infrastructure projects identified by Public Works with a total estimated cost of $260.6 million
- Projects are spread over 23 communities and rural areas of the County
- Approximately $62 million of the estimated total cost for the projects has been allocated
- $289.3 million of the total estimated cost is planned to be allocated in the next five years

Chart 1 shows the existing and future funding needed to develop the projects identified in the CIP over the five year time frame beginning in FY 2012-13.

Chart 1



The continued development of capital infrastructure and facilities will be essential to the growth of the County. Similar to most other jurisdictions, the County faces challenges in which demand for infrastructure and facilities exceeds the resources available for their construction and operation. This challenge is only partially met by this plan. However, the seventy capital and major maintenance improvements identified in the plan provide a clear and achievable investment which will maintain, improve and expand the infrastructure and facilities serving the citizens of the County.

Listing of Appendices

Appendix 1: Provides an overview of the planned General Services Facility Projects FY 2012-13 through FY 2016-17

Appendix 2: Provides an overview of the planned Public Works Infrastructure Projects FY 2012-13 through FY 2016-17

Appendix 3: Consolidated Summary of Projects by Functional Area is a table that lists the planned General Services facility projects followed by a list of the planned Public Works infrastructure projects sorted alphabetically by functional area

Appendix 4: Consolidated Summary of Projects by Community lists all projects sorted alphabetically by community

Appendix 5: Functional Area Descriptions describes the functional areas used to categorize projects

Appendix 6: Funding Sources is an overview of the funding sources typically used to finance projects

Appendix 7: Projects Completed FY 2009-10 to mid FY 2011-12 provides additional project information for the completed projects summarized in Section 3 of the report

Appendix 8: Improvements to the Annual CIP Process describes the improvements made to the process to identify and recommend facility and infrastructure projects for the annual budget and the Five Year Facilities and Infrastructure Plan

Appendix 9: Individual Project Information Sheets provides a one page summary of information for each project in this plan.

Section 2: Introduction and Background

The Five Year Capital Improvement Plan is multi-year planning tool used to identify and plan for the County's capital needs which generally have an estimated cost of $250,000 or greater. This document is a planning tool and is not in the strictest sense a budget document as it does not allocate or formally commit funding to the projects identified in the plan. Funding is allocated through the annual budget process or by separate action by the Board of Supervisors. The CIP is a means to identify, schedule and track capital projects and provide the Board of Supervisors and staff with the needed information to determine priorities and assign limited resources to those priorities.

The plan is dynamic in nature and will change from year to year as priorities, needs and funding amounts and funding sources change. The Capital Improvement Plan is a guide for the consideration, selection and development of roads, sewers, water systems, bike lanes, parks, airports, offices and other types of facilities necessary to provide communities with services. The projects include significant maintenance and replacement of infrastructure and facilities to the construction of new facilities and infrastructure. A variety of funding sources are used, including the General Fund, County Reserves, grants, service charges, fees and state and federal funding sources.

The County Administrative Office provides direction and oversight of the budgeting for capital improvements. The General Services Agency is responsible for the development and coordination of capital and major maintenance project planning and prioritization processes for County facilities including office buildings, libraries, fire stations, jails, public safety radio communications system, and health facilities. The Public Works Department is responsible for the coordination and development of infrastructure planning and prioritization processes including the various special districts it administers, such as roads, bridges, water and wastewater systems, and drainage structures in the unincorporated areas of the county.

The last Five Year CIP was presented to the Board of Supervisors on February 16, 2010. At that time, the Board of Supervisors expressed interest in coordinating the development of infrastructure and facilities and increasing the alignment of capital improvements with County priorities identified by the Board in plans and policies that guide land use and strategic goals. Over the past two years, a working group consisting of department heads and managers from the County Administrative Office, General Services Agency, Public Works Department and Planning and Building Department have worked to make improvements to the County's capital improvement planning process. This group became known as the Infrastructure and Facilities Coordinating Committee (IFCC).

This plan represents a significant step in creating a capital improvement planning process that coordinates the development of facility and infrastructure projects and aligns this process with County priorities as identified by the Board of Supervisors and those in land use plans, policies and other guiding documents. The plan is focused on the following goals:

- Develop a consistent annual process to coordinate the planning and development of infrastructure and facility projects.
- Enhance coordination and communication among the county departments and other entities involved in the development of capital projects.

- Increase the alignment between infrastructure and facility projects and adopted land use plans and policies.
- Increase opportunities to identify and align funding sources necessary for the development of improvements.

The IFCC met with other key stakeholders including representatives from the Auditor-Controller's Office, San Luis Obispo Council of Governments (SLOCOG), Local Agency Formation Commission (LAFCO) and multiple county departments. As part of the development of this plan, the Planning and Building Department and Public Works staff have communicated with Community Services Districts (CSDs). The capital improvement plans and policies of other counties and jurisdictions were reviewed for process, content and format. The end result is a new annual process through which capital improvements are proposed, evaluated and recommended for inclusion in the Five Year CIP. The new process enhances the coordination between facility and infrastructure projects and includes greater consideration of land use goals and policies to identify and recommend capital projects. A summary of the improvements made to the annual process is contained in Appendix 8.

The projects in this plan are those which are directly under the authority of the Board of Supervisors and special districts which the Board of Supervisors sit as the governing body. The County is not responsible for all capital projects in the unincorporated area as some capital projects are within the jurisdiction of Community Services Districts. CSDs can have governing powers over water, wastewater, lighting, roads, and even fire services and can be responsible for the development of infrastructure and facilities. This plan is focused on identifying projects and funding needed for County sponsored projects and as such does not include listings of projects in the unincorporated areas under the jurisdiction of CSDs. The Local Agency Formation Commission (LAFCO) Sphere of Influence studies do include listings the future Infrastructure needs for CSDs. We will continue to coordinate with CSDs as we update this plan in the future.

SECTION 3: Summary of Completed Projects

Although the Five Year CIP was developed using new processes and has a forward looking focus, it is appropriate to take a look back at what has been accomplished in capital and major projects over the past two and half years. The following provides a summary of capital and major maintenance projects developed by the General Services Agency and Public Works Department. The summary information presented in this section identifies projects have been completed in the time frame beginning with FY 2009-10 and going through mid FY 2011-12. Although most project in the Five year CIP have an estimated cost of $250,000 or greater, the completed project list shows a broader range of projects which generally cost $100,000 or greater. The intent is to communicate that many projects under $250,000 also benefit communities. Appendix 7 contains a listing and additional information about the completed projects.

Table 1 shows the summary for both facility and infrastructure projects completed since FY 2009-10.

Table 1

Projects Completed FY 2009-10 through Mid FY 2011-12			
Functional Area	**# of Projects**	**Cost**	**% of Total Infrastructure Expense**
Facility Projects	18	$32,671,100	13%
Infrastructure Projects	32	$216,657,500	87%
Total	**50**	**$249,328,600**	**100%**

Table 2 shows the Capital and Major Maintenance Projects completed since FY 2009-10 by the General Services Agency.

Table 2

General Services Agency Capital and Major Maintenance Projects Completed FY 2009-10 through Mid FY 20011-12			
Functional Area	**# of Projects**	**Cost**	**% of Total Facility Expense**
Airports	4	$12,532,429	38%
General Government	2	$810,955	2%
Health and Social Services	4	$1,160,435	4%
Parks and Golf	4	$2,177,457	7%
Public Safety	4	$15,989,824	49%
Total # of Projects	**18**		
Total Expense		**$32,671,100**	

Table 3 shows the Capital and Major Maintenance Projects completed since FY 2009-10 by Public Works.

Table 3

Public Works Capital and Major Maintenance Projects Completed FY 2009-10 to mid FY 2011-12			
Functional Area	**# of Projects**	**Cost**	**% of Total Expense**
Road and Transportation Related Projects	21	$33,070,732	15%
Water System Related Projects	7	$179,422,281	83%
Flooding and Drainages Related Projects	4	$3,173,637	1%
Total # of Projects	**30**		
Total Expenditures		**$216,657,500**	100%

Table 4 shows the four largest projects completed since FY 2009-10. Eighty-three percent of the total completed project expenditures are for these four projects.

Table 4

Four Largest Projects Completed FY 2009-10 through Mid FY 2011-12		
Functional Area	**Cost**	**% of Total Expense All Projects**
Aircraft Parking Apron	$6,474,400	3%
Paso Robles Courthouse	$11,858,000	5%
Willow Road Extension Phase I	$11,165,900	4%
Nacimiento Water Project	$176,100,000	71%
Total	$205,598,300	83%

The completed projects represent significant investments in infrastructure and facilities that serve the county's citizens. They have had a positive effect on the transportation, safety, recreational opportunities and delivery of services.

Section 4: Recommended Projects for the Five Year CIP FY 2012-13 through FY 2016-17

This section provides information about the combined facility and infrastructure projects to be considered for funding and construction over the next five years. The Five Year CIP has seventy projects with a total estimated cost of $351.4 million. Thirty-two facility projects have been identified by General Services Agency with a total estimated cost of $90.8 million. Thirty-eight infrastructure projects have been identified by Public Works with a total estimated cost of $260.6 million. The projects are listed by functional area in Appendix 3 and by community in Appendix 4. Details of the projects are found on project information sheets in Appendix 9.

The projects are grouped into "facility" projects developed through the General Services Agency, and "infrastructure" projects developed through the Public Works Department. Facility projects are further grouped into functional areas which are consistent with those identified in the capital and maintenance project fund centers of the County budget. The eight functional areas are:

1. Airports
2. General Government
3. Golf Courses*
4. Health and Social Services
5. Library
6. Parks
7. Public Works
8. Public Safety

*The plan identifies projects within seven of the eight functional areas with no projects being identified for the Golf Courses functional area.

The infrastructure projects for Public Works are also grouped into eight functional areas being:

1. Flood Control
2. Road Improvement Fees
3. Road Preservation
4. Road Safety
5. Transportation Betterment
6. Transportation Structures
7. Wastewater Systems
8. Water Systems

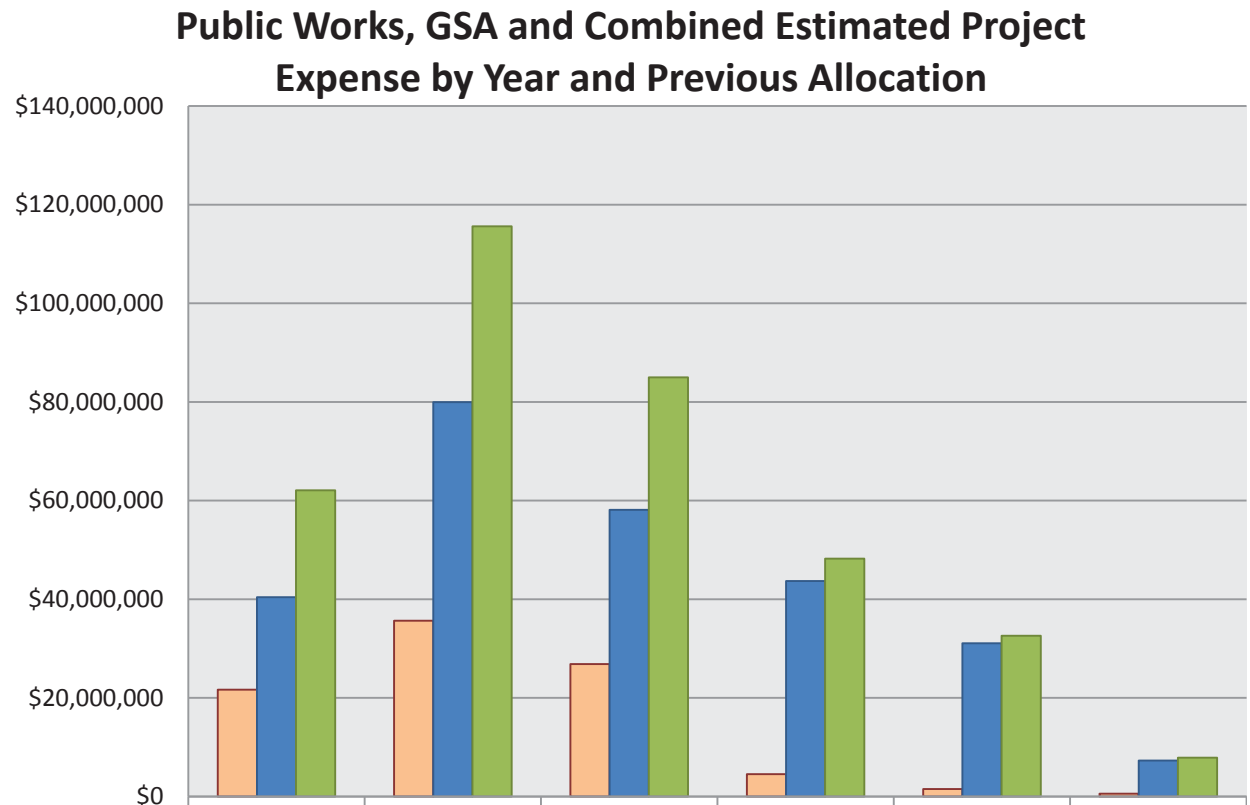
The functional areas for facilities and infrastructure are described in greater detail in Appendix 5. Funding sources typically used to finance the design and construction of projects is described in Appendix 6.

Appendices 1 and 2 include brief narratives and a series of charts which provide a graphical summary of the proposed allocation of funding by functional areas, numbers of projects by functional areas and the distribution of projects over the unincorporated communities and areas of the county. Appendix 1 describes facility projects managed by General Services Agency. Appendix 2 describes infrastructure projects managed by Public Works.

The charts below identify combined expenditures by year, the number of projects by community and the relative breakdown of planned expenditures by community.

Chart 2 below shows proposed expense distributed by year for GSA facility projects, Public Works infrastructure and the combined expense for both facilities and infrastructure. The peach bars represents the $90.8 million in GSA facility expense, the blue bars shows $260.6 million in Public Works Infrastructure expense and the green bars are the $351.4 million expense total for both. The expense is heavily weighted to the earlier years in the plan as long planned projects with identified funding are proposed to be developed early in the plan cycle. These include the Los Osos Wastewater, Willow Road Extension II and the Women's Jail and Juvenile Hall Expansion projects. Funding sources are less certain in the later years of the plan and fewer projects and funding are shown. As annual updates occur, funding sources will be identified and new projects and expenses will likely be added to the plan.

Chart 2



	Previous Allocation	2012-13	2013-14	2014-15	2015-16	2016-17
GSA	$21,661,510	$35,640,222	$26,862,072	$4,541,420	$1,521,120	$585,120
Public Works	$40,415,840	$79,968,160	$58,130,000	$43,688,000	$31,085,000	$7,310,000
Combined	$62,077,350	$115,608,382	$84,992,072	$48,229,420	$32,606,120	$7,895,120

Total GSA $90,811,464
Total Public Works $260,597,000
Total Combined $351,408,464

Chart 3 below shows the geographic distribution of the seventy facilities and infrastructure projects by community. The projects are spread over 23 communities and areas of the county. The combined estimated cost for all projects is $351.4 million. The Consolidated Summary of Projects by Community Table in Appendix 4 lists the individual projects by community.

Chart 3

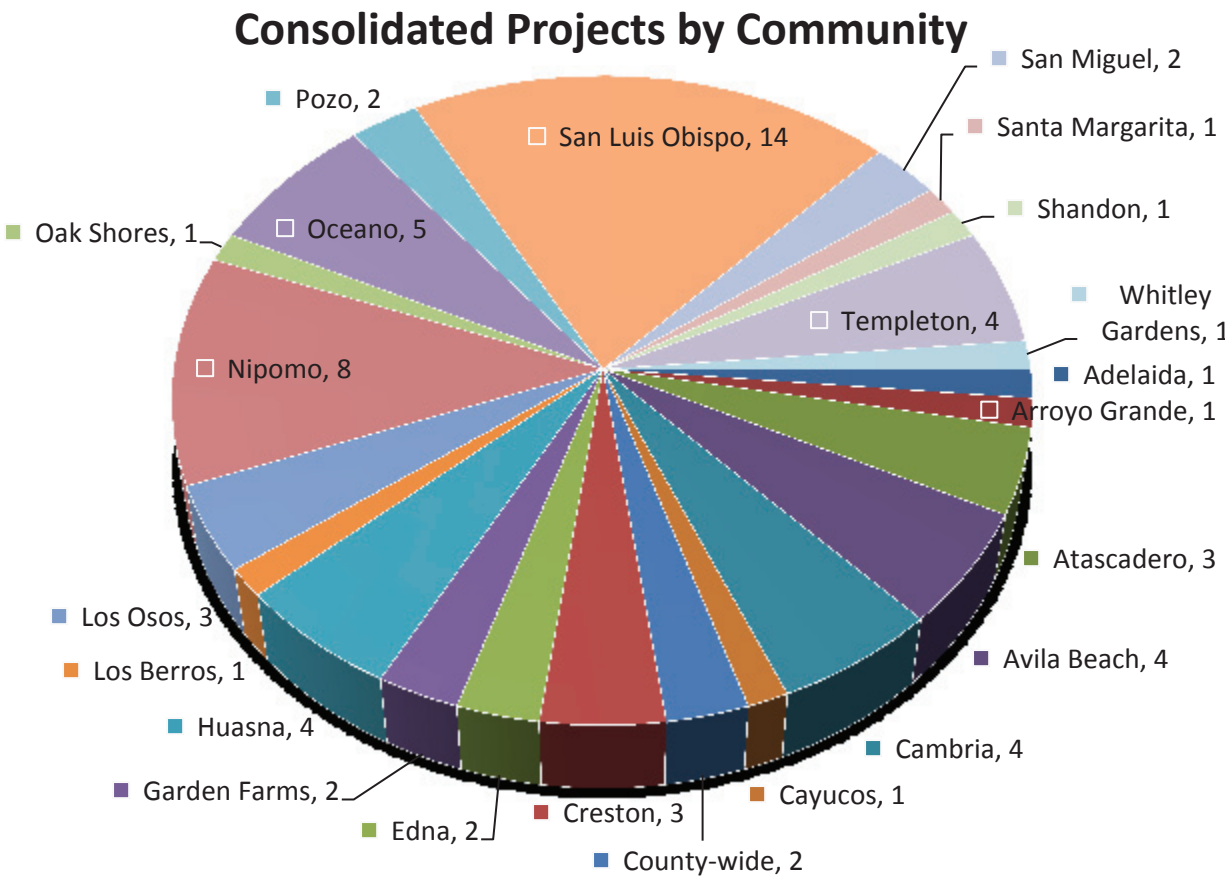


Chart 4 below shows the relative percentage of the estimated costs for all projects by community. The Los Osos Wastewater project, the Willow Road Extension II project, Women's Jail and Juvenile Hall Expansion projects skew the percentages to the Los Osos and San Luis Obispo areas. These four projects total $254.4 million or 77% of the $351.4 million total estimated expense.

Chart 4

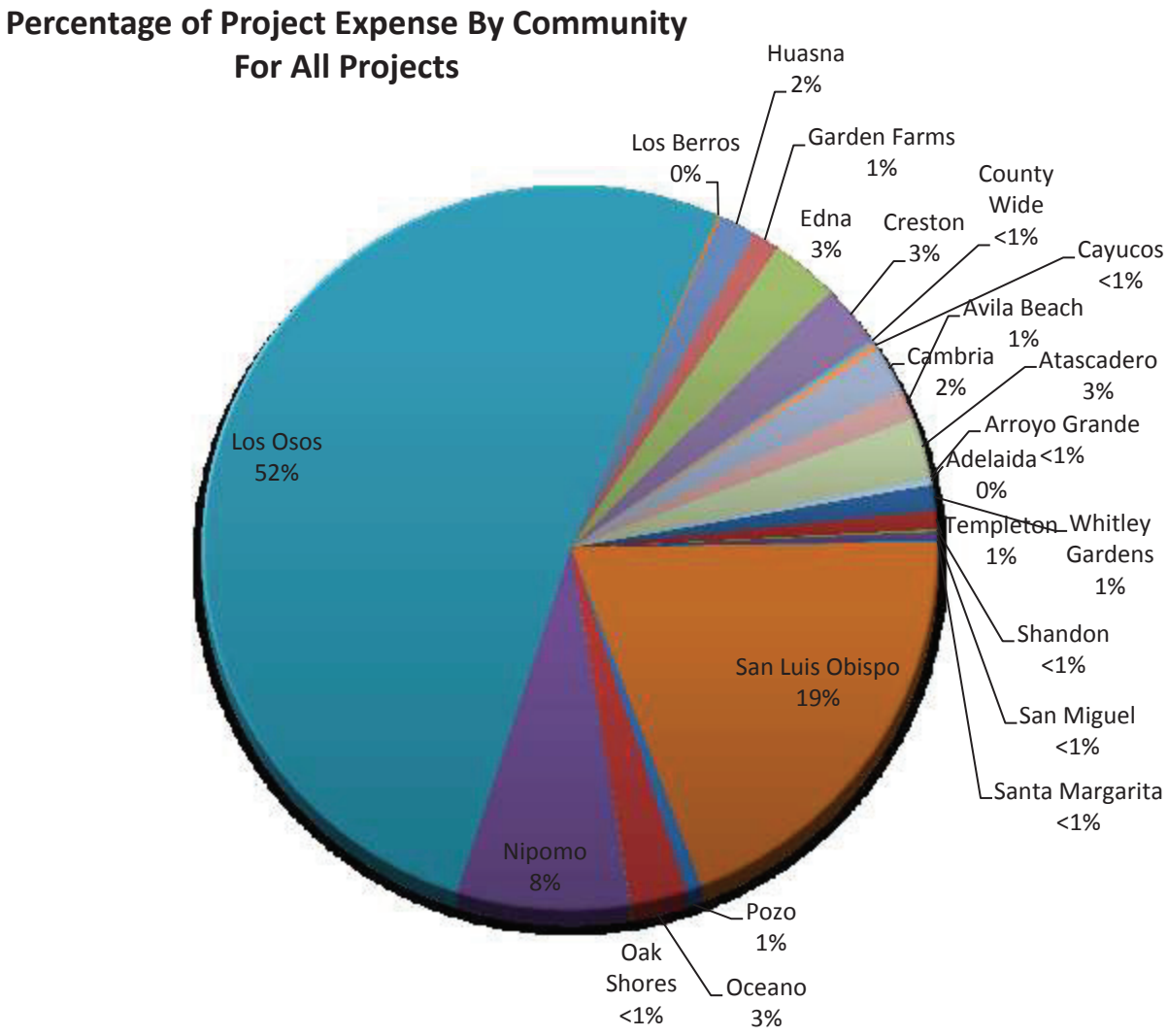
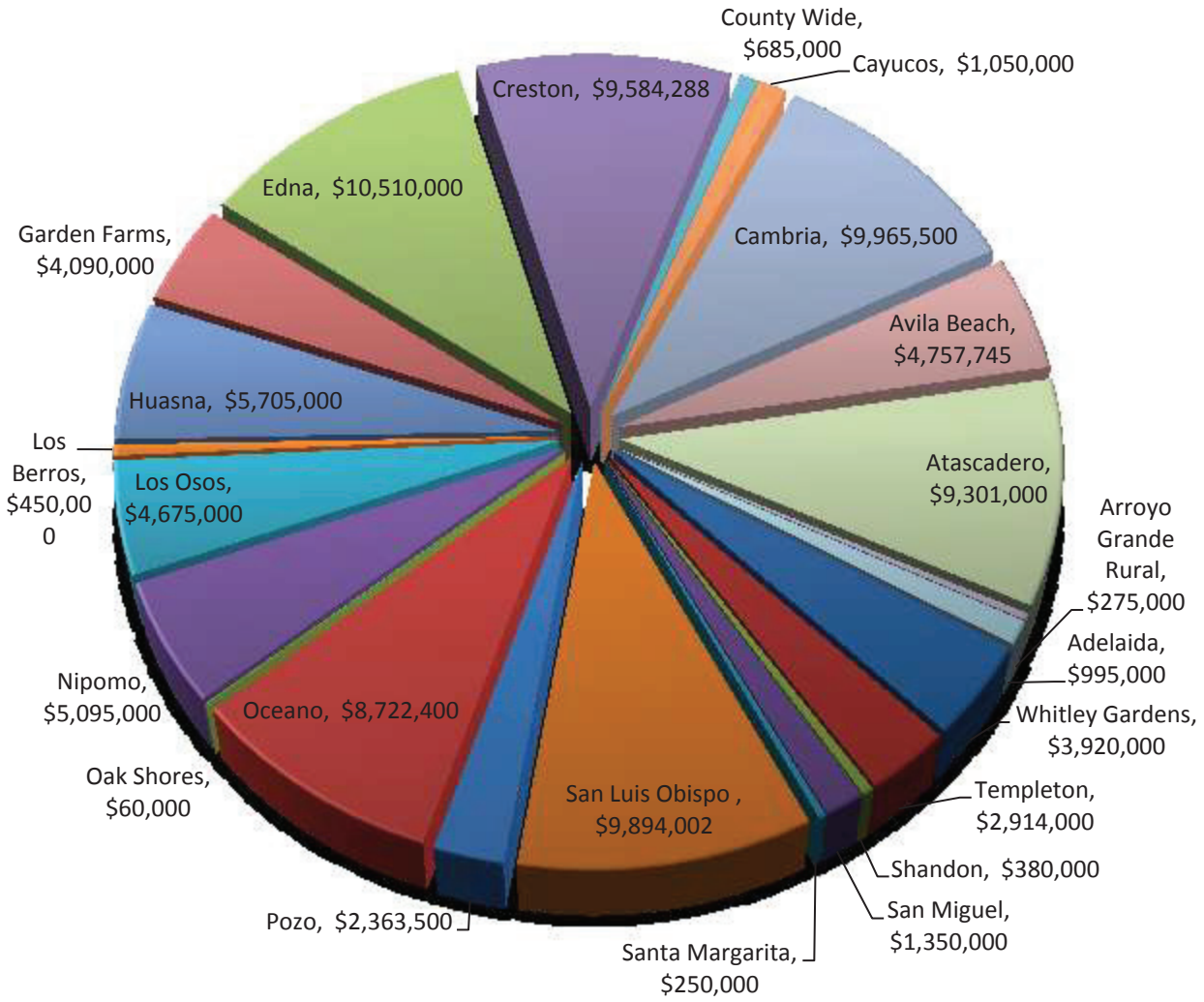


Chart 5 below spreads the estimated cost of all projects adjusted without the expense for the Los Osos Wastewater, Willow Road Extension, Women's Jail and Juvenile Hall Expansion projects. The estimated costs for the sixty-six projects represented in this chart is approximately $96.9 million or 28% of the $351.4 million total estimated cost for all projects identified in the plan. Infrastructure projects account for $64 million, 66%, of the expense on this chart. The remaining $32.9 million is for facility projects. The projects are listed by functional area in Appendix 3 and by community in Appendix 4. Details of the projects are on project information sheets in Appendix 9.

Chart 5

Project Expense By Community with Adjustments for the Four Largest Projects (Los Osos Wastewater, Willow Road Extension II, Women's Jail and Juvenile Hall Expansion)



Section 5: Operational and Maintenance Costs for Facilities and Infrastructure

Operational and Maintenance Costs

There are other cost components which are not yet fully identified in this plan. As new roads, water and wastewater systems and new and expanded facilities are constructed, the operational costs of new staff, utilities, and maintenance will increase. Conversely, where improvements are for replacement or major maintenance of existing facilities, maintenance and utility cost may decrease through lowered maintenance needs and increased energy efficiency.

Where infrastructure is supported by service charges, such as water system improvements, increased operational costs are factored into the equation. When new facilities are proposed, consideration is given to the ongoing operational costs to the County. One such example is the Juvenile Hall expansion, where the annual new staffing and operational costs are anticipated to be approximately $790,000. By converting a portion of the existing Juvenile Hall to a treatment facility, Probation is able to offset approximately $760,000 of the cost through savings in other areas. The Women's Jail project is anticipated to have increased annual staffing and operational costs of approximately $1.4 million. However, funding from the State Public Safety Realignment is anticipated to offset approximately 70% of the new cost for staffing this facility.

New operational costs are considered as part of the process to evaluate and recommend projects for inclusion on the plan. Funding mechanisms to cover new operational costs need to be a consideration in the approval of capital facilities which expand the size and use of facilities and infrastructure. Future updates of this plan will include more details about potential operational costs.

Maintenance Funding and Cost

Existing facilities and infrastructure require regular ongoing maintenance. The General Services Agency is responsible for the maintenance of County facilities. The County Public Works maintains infrastructure owned by the County.

Funding for maintenance is included in the County's annual budget. Annually, the combined amount spent by the General Services Agency and Public Works is typically spent for maintenance in is approximately $16 million. Although the amount of funding varies from year to year, generally there is approximately $2 million for the maintenance of facilities included in the departmental operational budgets. Additionally, an annual allocation of approximately $2 million is included in the Maintenance Project budget (Fund Center 200). Approximately $12 million is allocated annually for routine and preventative maintenance for the County's road network. The annual expenditures for maintenance address the County's highest priority maintenance needs. However, as the miles of County roads and number and size of facilities increase, not all maintenance is capable of being addressed and is deferred.

General Services Agency Facility Deferred Maintenance

Deferred maintenance refers to the postponement of planned maintenance. Long term deferral of preventive maintenance often results in equipment failure scenarios which negatively impact the building occupants and disrupt the operability of a building.

San Luis Obispo County has approximately 120 buildings ranging from office buildings to libraries, health clinics and jails. These facilities are spread throughout the county. They vary in age from the late 1920's (such as the old Atascadero Hospital) to newer facilities recently constructed (such as the Creston Fire Station – expected to be completed 2012). All of these buildings have equipment that requires scheduled maintenance.

Similar to many other organizations that operate facilities, the General Services Agency experiences limitations in staff and funding resources to fully address all preventative maintenance needs.

Over the past several years, the General Services maintenance work order trends have shown a shift in maintenance hours from preventive maintenance to corrective maintenance. The percentage of maintenance staff hours devoted to preventive maintenance has decreased from 22% in FY 2009-10 to 16% in the first half of FY 2011-12. The shift to corrective maintenance is an indicator that deferred maintenance is increasing.

General Services has utilized informal plans to implement preventative maintenance activities. A more formal planned maintenance program is in the process of being developed. To assist with developing a comprehensive assessment of the County's facility maintenance status and needs, funding has been set aside for an outside consultant to develop an overall building and equipment assessment and inventory. The assessment will include development of a more formal maintenance plan which will identify key intervals for replacement and maintenance activities by facility. It will also provide a better estimate of the costs associated with deferred maintenance. The study is anticipated to be completed within the next 18 months and will be used to plan and guide future maintenance expenditures.

Public Works Infrastructure Deferred Maintenance

The County road system comprises over 1,300 miles and 200 bridges. Overall condition of the road system is rated on a 0 to 100 scale referred to as the Pavement Condition Index (PCI). The desired goal is to maintain the overall system at a PCI rating no less than 70 as this is a level which indicates that the majority of the system is in good repair and preventative maintenance can be done with cost effective techniques. Once a PCI for the system fails to the md-50's, repairs and maintenance require much more expensive techniques. Currently, the system has an overall rating of 59 and a deferred maintenance value of $ 155,000,000. An additional $ 10 million per year for preventative maintenance work is required to prevent the deferred maintenance from increasing. The funding for both routine and preventative road maintenance has been averaging about $ 12 million annually.

Deferred maintenance on Flood Control facilities may result in impaired capacity in channels and increase in frequency of flooding. The primary County facility is the Arroyo Grande Channel which has seen a significant reduction in storm carrying capacity and has an expected deferred maintenance costs of about $ 10,000,000.

Deferred maintenance in utility systems results in the deterioration of key components such as tanks and pipelines. Pipe leakage results in loss of water from the system which relates to both water availability and costs. Leakage in wastewater creates increased volumes for processing which in turn increases operating expense. Deferred maintenance varies by system and is addressed through capital improvements under each system fund Section 6 Future Updates.

Section 6: Future Updates

This plan is intended to be updated on an annual basis. The five year time frame will be a rolling time frame. When the plan is reviewed again in the next fiscal year, FY 2012-13 will drop off the plan and FY 2017-18 will be added. Projects that are completed will go onto the completed list and drop off the plan. Based upon circumstances and funding, some projects may begin earlier or later and these changes will be reflected in future updates. New projects are likely to be added through the annual process to review capital and infrastructure needs.

Where projects may seek to utilize debt financing, project sponsors and the IFCC will involve the County Auditor-Controller's Office and the County Debt Advisory Committee early in the process.

Future updates will contain more information about the ongoing maintenance and operations costs. Estimated maintenance costs will be added into the plan to show a more complete picture of the overall expense associated with new facilities and infrastructure.

In addition to the above, information from other studies and research will be used to identify future capital project opportunities. One such study is currently underway. The Department of Planning and Building received a Sustainable Community Grant to conduct a technical inventory of the features that will comprise a complete, "strategically planned" community, and estimate the costs of transportation, infrastructure and public facilities in four communities (San Miguel, Templeton, Oceano, and Nipomo) for capital improvement planning (CIP). This study will include a survey which will provide an overview and inventory of the status and general condition of community facilities and their operation for each of the four County unincorporated urban areas. It will also list and illustrate needed facilities and their costs. In addition, a funding and financing plan will be prepared for each community that identifies existing and potential revenue streams to the County and responsible agencies, and their optimum allocations to efficiently develop and operate projects identified in the studies. The funding and financing plans will:

- Identify potential funding amounts and revenue streams to strategically construct and operate additional facilities beyond existing capabilities to years 2020, 2035 and 2050. Potential revenue sources include possible increases in property value and business sales tax, grant funds and sources that require voter approval.

- Identify where facility improvements and land use strategies will return the most value by maximizing revenue and implementing the Strategic Growth principles and policies.

- Include short-range cost and potential cost and revenue projections for use in the County Five-Year Capital Improvement Plan and departmental budgets, and longer range projections that extend capital and budget planning to 2020, 2035 and 2050 or build out of development capacity if earlier. Determine higher priority facilities that can be recommended for funding in the County Capital Improvement Plan, and operations and maintenance that can be recommended in the County Budget. Identify phased revenue decisions that implement the funding plan, such as potential tax or fee measures.

- Balance allocations among the needed facilities where feasible and collaborate with County and agency leaders to implement recommendations in short- and long-term capital improvement plans and public financing of infill development incentives. Planning and Building Department staff will work with the consultant to set priorities and funding amounts among competing agencies.

- Propose an action plan with recommended funding strategies, with phased milestones and locations to benefit communities with complete facilities. The action plan will utilize County and other agency staff input for the viable use of resources and County budgetary funding.

The completion date for the Complete Communities Survey is targeted for September 2012 and will include public outreach workshops in the summer of 2012. Information developed in the studies will be used to assist in identifying, planning and programming capital improvements for future development.

Additional contacts with Community Services Districts will be made in the future. The intent is to provide a broader picture of planned infrastructure improvements as it relates to planned improvements by these districts which may have an impact on growth in the unincorporated communities. The IFCC will also continue to coordinate infrastructure projects with the staff of the San Luis Obispo County of Governments and will monitor projects in cities, which may have an impact on the surrounding unincorporated area. The following diagram shows the inputs into the infrastructure and facilities planning and development process.

Appendices

Appendix 1: General Services Agency Facility Projects FY 2012-13 through FY 2016-17

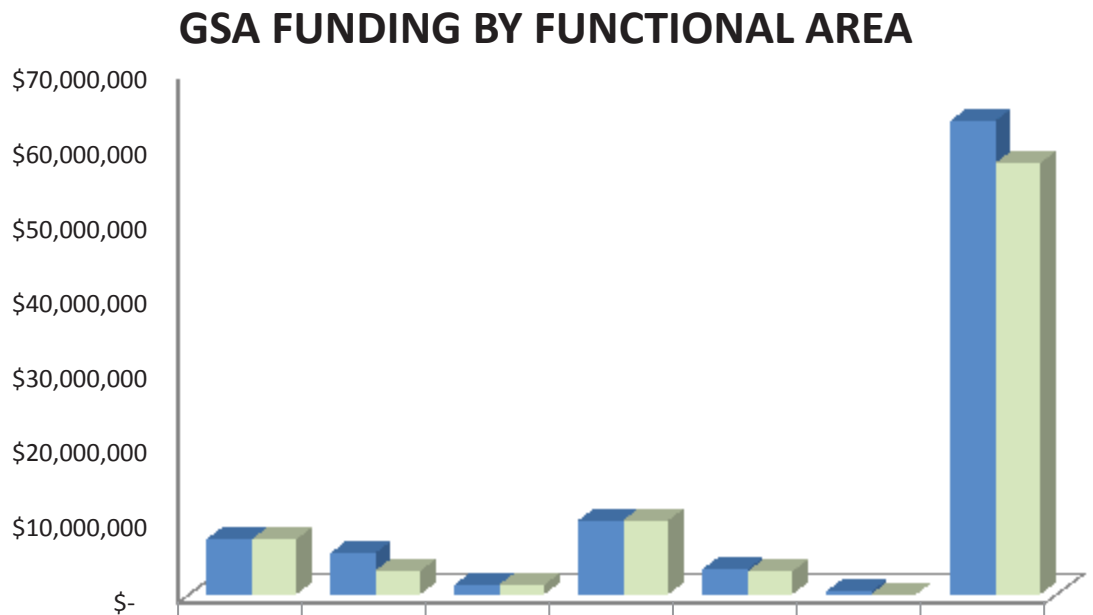
Facility Projects Developed Through the General Services Agency

This section provides an overview of the number and expense of the facility projects in this plan. The projects are listed by functional area in Appendix 3 and by community in Appendix 4. Details of the projects are found on project information sheets in Appendix 9.

Chart 2 – GSA Funding By Functional Area

Chart 2 shows the $90.8 million in estimated cost for facilities by functional areas and approximately $82.2 million in identified funding. The blue bar (darker shade in black and white) on the chart identified the estimated cost of all projects in the functional area category. The green bar (lighter shade in black and white) identifies the amount of funding which is either currently available or potentially available through a verified source of funds. For example, the Airport functional area shows that all proposed expenditures have a funding source identified. Generally, Airport projects are funded through a combination of Federal Aviation Administration grants, Passenger Facility Fees and Airport Enterprise funds. The annual update of this plan will adjust both expenditures and funding based upon updated project costs and actual receipt of funding.

Chart 2



	Airports	Gen Govt	Health Soc Srvs	Library	Parks	Public Works	Public Safety	Totals
Expenditures	$7,339,502	$5,490,600	$1,267,600	$9,875,700	$3,267,745	$333,000	$63,237,31	$90,811,464
Funding	$7,339,502	$3,145,600	$1,267,600	$9,875,700	$3,017,745	$0	$57,602,14	$82,248,294

The above chart shows that over 70% of the proposed expense for facilities will be within the public safety functional area. The Women's Jail ($40.4 million), Juvenile Hall Expansion ($17.5 million) and the Creston Fire Station ($3.9 million) are the main drivers of the expenditures in the public safety category.

Funding sources have been identified for 90% of the expense for the thirty-two projects on the facilities list. The gap between estimated expense and funding is about $8.6 million. The gap in funding is related to the remodel of the Intake and Release area, an optional component of the Women's Jail project. There is a $2.4 million gap in the general government functional area.

Chart 3 – GSA Facility Projects by Functional Area

Chart 3 below shows the number of facility projects by functional Area. Examples of projects include:

- Women's Jail the largest of the facility projects
- Juvenile Hall Expansion
- Atascadero and Cambria libraries
- North County Services Center collocated with the Atascadero Library
- Communications towers and communication vaults necessary to maintain the County's radio system

The Consolidated Summary of Projects by Functional Area Table in Appendix 3 provides a complete listing of the projects by functional area and their estimated costs. Appendix 9 contains individual project descriptions sheets which provide project descriptions and other information related to individual projects.

Chart 3

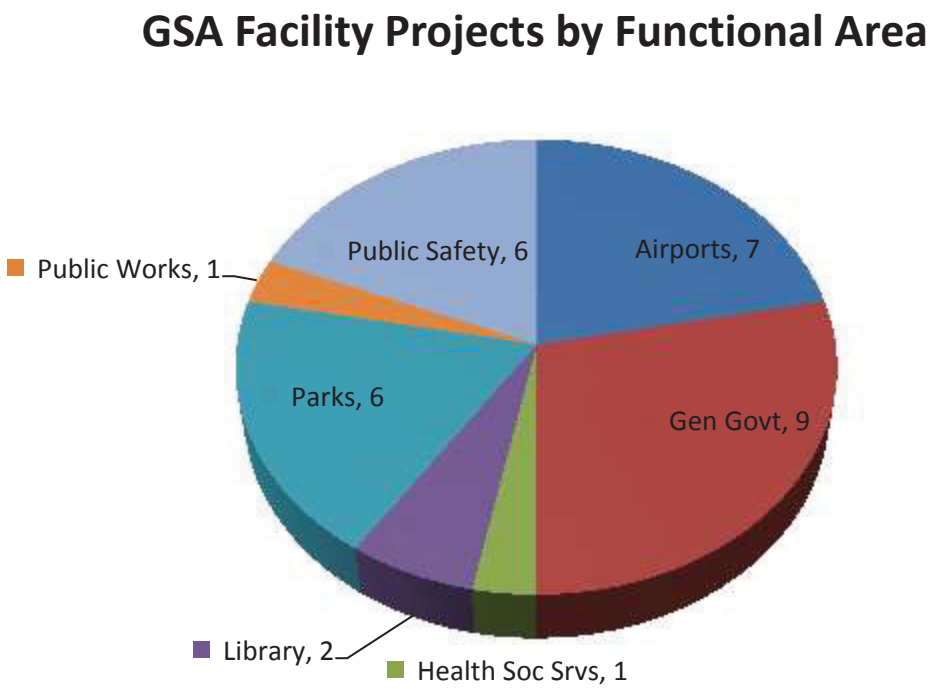
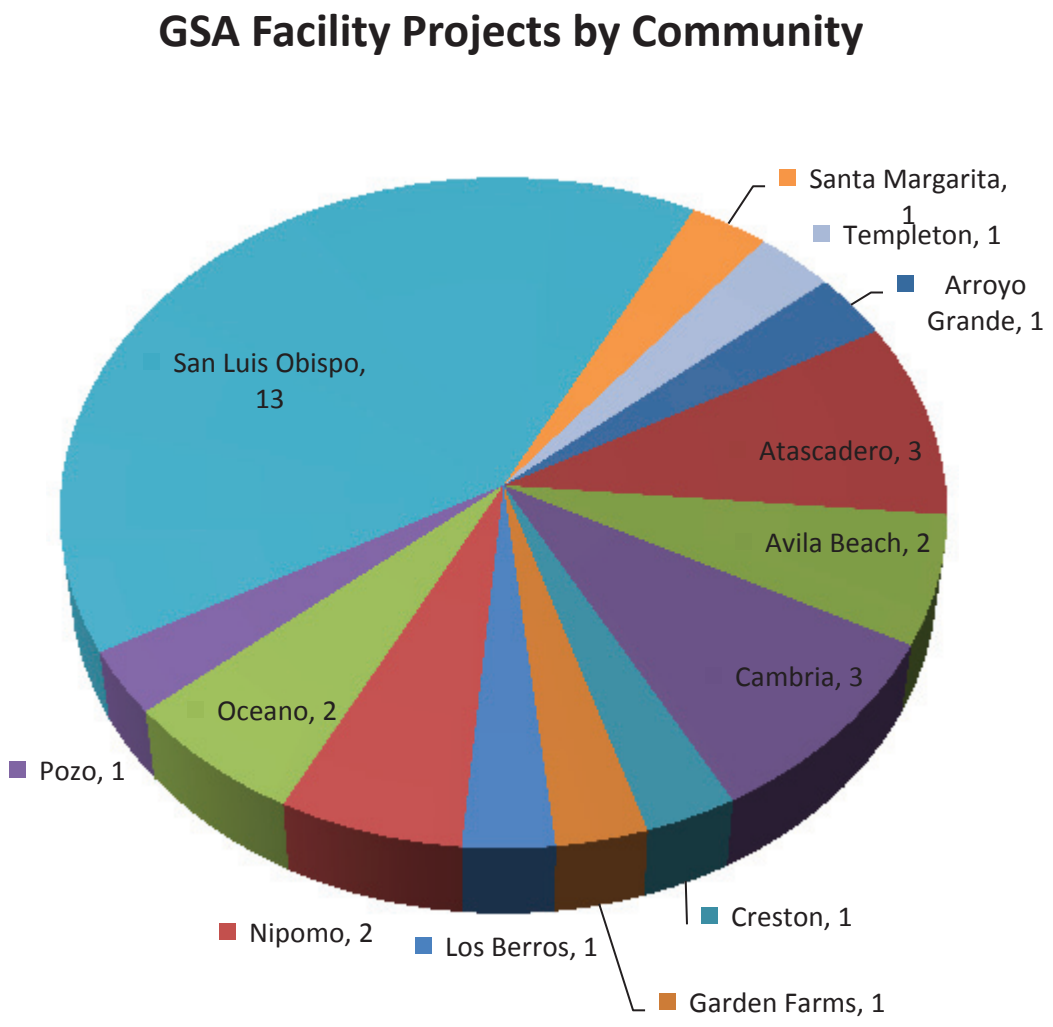


Chart 4– GSA Facility Projects by Community

Chart 4 shows facility projects by community. Thirteen communities and areas are represented on the chart. The San Luis Obispo community has the largest number of projects as it includes the downtown Government Center campus as well as the main communications systems on Cuesta Peak and the Sheriff, Probation and Animal Services functions at the County Operational Center off Highway 1 between San Luis Obispo and Morro Bay. Although the Women's Jail and Juvenile Hall Expansion projects are physically located in the San Luis Obispo area, these two projects serve all areas of the county. The projects are spread over north, south and central areas of the county. The Consolidated Summary of Projects by Community Table in Appendix 2 lists individual projects by community.

Chart 4

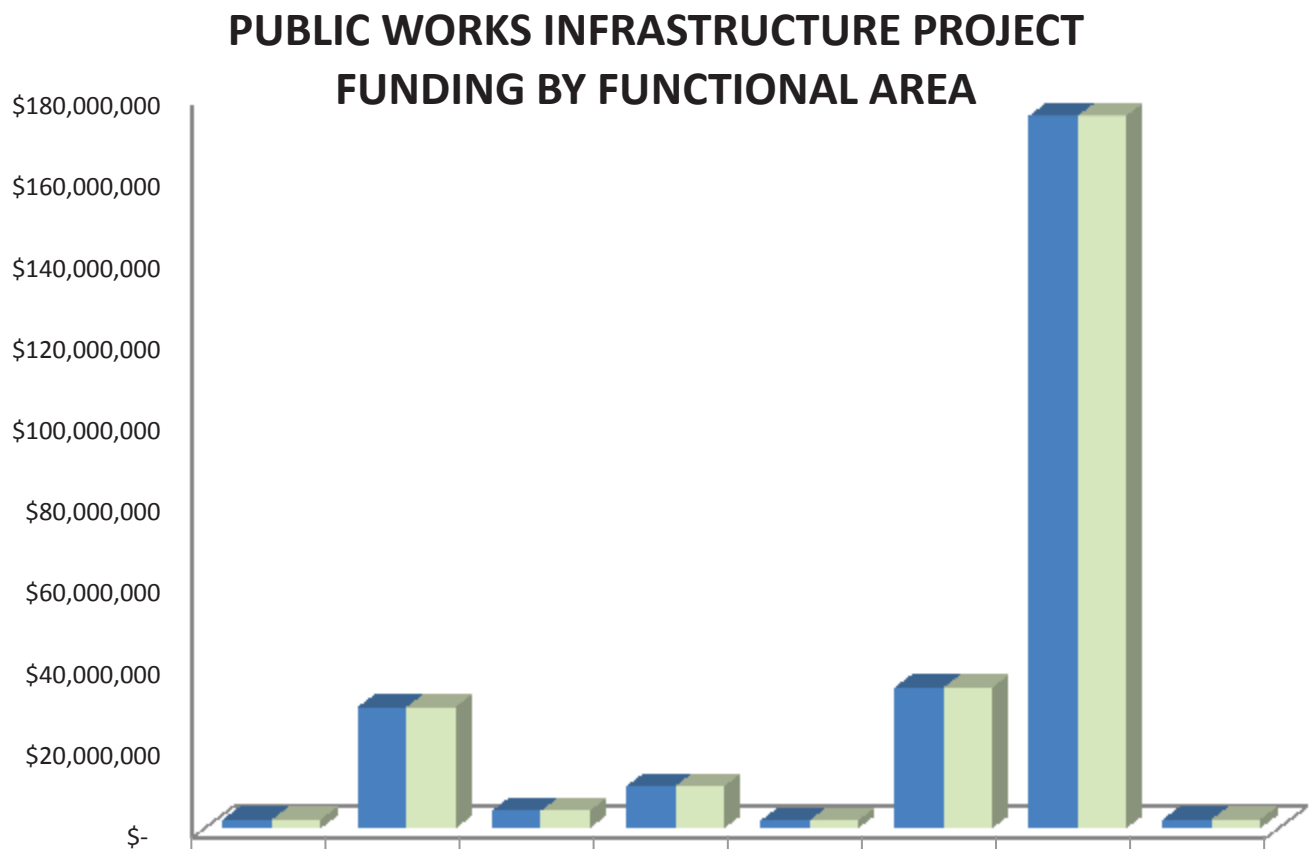


Appendix 2: Public Works Infrastructure Projects FY 2012-13 through FY 2016-17

Chart 9 Public Works Infrastructure Project Funding by Functional Area

Chart 9 shows the proposed allocation of funding for infrastructure functional areas. The blue bar on the chart identifies the estimated cost of all projects in the functional area category. The red bar identifies the amount of funding which is either currently available or potentially available through a verified source of funds. Public Works has identified funding sources for all of the projects shown on the plan. Some funding sources are dependent on the future allocation of funds from the State and Federal government.

Chart 9



	Flood Control	Road Improvement Fees	Road Preservation	Road Safety	Transportation Betterment	Transportation Structures	Wastewater	Water System
Expeditures	$2,200,000	$29,800,000	$4,285,000	$10,369,000	$1,960,000	$34,645,000	$175,158,000	$2,180,000
Funding	$2,200,000	$29,800,000	$4,285,000	$10,369,000	$1,960,000	$34,645,000	$175,158,000	$2,180,000

Total Expenditures $260,597,000
Total Funding $260,597,000

The allocation of funding in the Wastewater functional area reflects the $175 million estimated cost for the Los Osos Wastewater project. This is the single largest expense in the plan. The Los Osos Wastewater system is being financed through loans from the State Revolving Fund and USDA Rural Development which will be repaid through assessments on property taxes levied on properties within the benefit area.

Chart 10 Public Works Infrastructure Project by Functional Area

Chart 10 below shows the number of infrastructure projects by functional area. Infrastructure projects are clearly weighted toward transportation related projects. The availability of federal and state funding sources allow for the planning and development of multiple projects to develop and maintain the County's roads and bridges. Although water and wastewater projects are essential to the future growth of county areas, funding sources for these projects are often dependent upon assessments and service charges which may require a vote of property owners in the area. Generally, development of the funding mechanisms for large scale water and wastewater projects involve long lead times and planning which extends over multiple years. The Consolidated Summary of Projects by Functional Area Table in Appendix 3 is a list of individual projects by functional area.

Chart 10

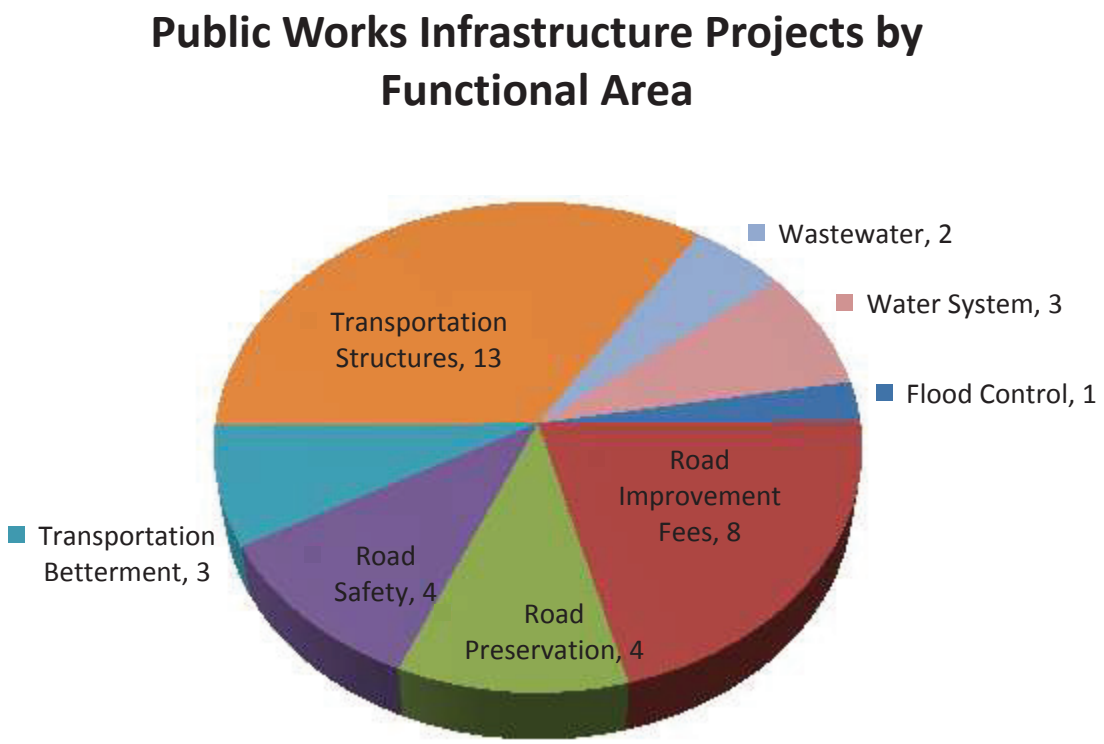
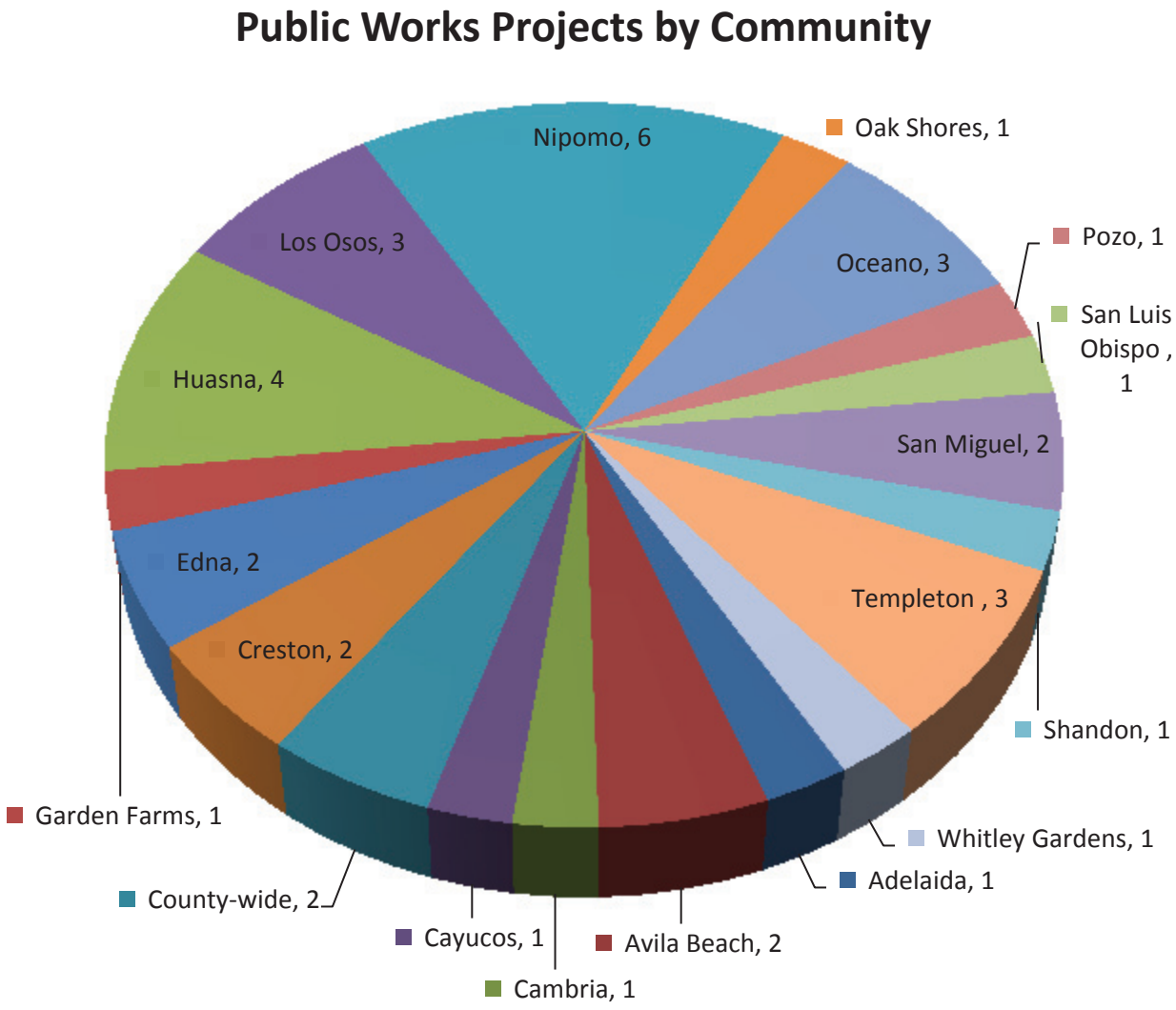


Chart 11 Public Works Infrastructure Project Funding by Community

Chart 11 shows the distribution of infrastructure projects over the communities and areas of the county. Nineteen communities and areas are represented throughout the north, south and central portions of the County. The distribution of projects for infrastructure is more uniform than for facilities as transportation and infrastructure needs are more evenly spread over the entire county. The Consolidated Summary of Projects by Community Table in Appendix 4 lists the specific individual projects by community. Details of the projects are found on project information sheets in Appendix 9.

Chart 11



Appendix 3: Consolidated Summary of Projects by Functional Area

The following table summarizes all Five Year CIP requests. Facility projects are listed first in functional area order. Infrastructure projects are on the second page and are also listed in functional area order. Both listings include the following:

- Community the project will be located
- Functional area
- Department requesting the project
- Project title
- Project start date
- Project status
- Total estimated cost of the entire project
- Previous allocation
- Fiscal year the funding is anticipated to be needed

APPENDIX 3: CONSOLIDATED SUMMARY OF PROJECTS BY FUNCTIONAL AREA

Community	Functional Area	Department	Project Title	Project Start Date	Status	Total Estimated Cost	Previous Allocation	2012-13	2013-14	2014-15	2015-16	2016-17
San Luis Obispo	Airports	GSA - Airports	Install Automated Weather Observation System (AWOS)	FY2012-13	New Project	$ 547,200	$ -	$ 547,200	$ -	$ -	$ -	$ -
San Luis Obispo	Airports	GSA Airports	Relocate ILS Glide Slope	FY2013-14	New Project	$ 3,010,800	$ -	$ -	$ 1,185,500	$ 1,825,300	$ -	$ -
San Luis Obispo	Airports	GSA Airports	Pave Runway 11 Access Road	FY2014-15	New Project	$ 1,511,600	$ -	$ -	$ -	$ 575,600	$ 936,000	$ -
Oceano	Airports	GSA Airports	Electrical Vault and Airfied Electrical Improvements	FY2013-14	New Project	$ 522,400	$ -	$ -	$ 227,600	$ 294,800	$ -	$ -
San Luis Obispo	Airports	GSA Airports	Resurface Airport Drive	FY2013-14	New Project	$ 300,000	$ -	$ -	$ 300,000	$ -	$ -	$ -
Oceano	Airports	GSA - Airports	Oceano Airport Environmental Determination	FY2012-13	New Project	$ 300,000	$ -	$ 300,000	$ -	$ -	$ -	$ -
San Luis Obispo	Airports	GSA - Airports	New SLO Airport Terminal	FY2012-13	New Project	$ 1,147,502	$ -	$ 1,147,502	$ -	$ -	$ -	$ -
San Luis Obispo	General Gov't	GSA - General S	Replace JSC East D Unit Showers	FY2012-13	New Project	$ 338,300	$ -	$ 338,300	$ -	$ -	$ -	$ -
San Luis Obispo	General Gov't	GSA - General S	Upgrade and add new Building Automation Controls	FY2012-13	New Project	$ 550,600	$ -	$ 110,120	$ 110,120	$ 110,120	$ 110,120	$ 110,120
Atascadero	General Gov't	GSA - IT	Extend Fiber to Atascadero Hospital and New Library	FY 2012-13	New Project	$ 291,700	$ -	$ 291,700	$ -	$ -	$ -	$ -
Pozo	General Gov't	GSA-IT	Black Mountain Communication Vault Replacement	FY2014-15	New Project	$ 263,500	$ -	$ -	$ -	$ 263,500	$ -	$ -
Cambria	General Gov't	GSA-IT	Rocky Butte Communication Vault Replacement	FY2014-15	New Project	$ 263,500	$ -	$ -	$ -	$ 263,500	$ -	$ -
San Luis Obispo	General Gov't	GSA-IT	Cuesta Peak Communication Vault Replacement	FY2014-15	New Project	$ 263,500	$ -	$ -	$ -	$ 263,500	$ -	$ -
San Luis Obispo	General Gov't	GSA-IT	Main Communication Vault Replacement	FY2014-15	New Project	$ 373,900	$ -	$ -	$ -	$ 373,900	$ -	$ -
Templeton	General Gov't	GSA-IT	Backup Computer Facility	FY2007-08	Inactive	$ 275,000	$ 275,000	$ -	$ -	$ -	$ -	$ -
Atascadero	General Gov't	Clerk,Plan,Asses	"One Stop" Clerk, Planning and Assessor's Office	FY 2011-12	Active	$ 2,870,600	$ 2,870,600	$ -	$ -	$ -	$ -	$ -
San Luis Obispo	Health Soc Srvs	HA-Animal Svcs	Animal Services Remodel and Cattery Expansion	FY2010-11	Active	$ 1,267,600	$ 1,267,600	$ -	$ -	$ -	$ -	$ -
Cambria	Library	Library	Cambria Library Expansion	FY2010-11	Active	$ 937,000	$ 2,898,984	$ 838,016	$ -	$ -	$ -	$ -
Atascadero	Library	Library	Atascadero Library Replacement	FY2009-10	Active	$ 6,138,700	$ 2,845,300	$ 3,293,400	$ -	$ -	$ -	$ -
Nipomo	Parks	GSA-Parks	Nipomo Park Paving (Road Repaving)	FY2013-14	New Project	$ 275,000	$ -	$ -	$ 275,000	$ -	$ -	$ -
Santa Margarita	Parks	GSA-Parks	Replace water storage tanks at Santa Margarita Lake	FY2013-14	New Project	$ 250,000	$ -	$ -	$ 250,000	$ -	$ -	$ -
Avila Beach	Parks	GSA - Parks	Cave Landing Trail	FY 2012-13	New Project	$ 732,745	$ 732,745	$ -	$ -	$ -	$ -	$ -
Arroyo Grande	Parks	GSA-Parks	Biddle Park Playground Replacement	FY2014-15	Active	$ 275,000	$ 153,800	$ -	$ -	$ 121,200	$ -	$ -
Nipomo	Parks	GSA-Parks	Nipomo Community Park Playground Replacement	FY2015-16	Active	$ 250,000	$ 250,000	$ -	$ -	$ -	$ -	$ -
Avila Beach	Parks	GSA-Parks	Bob Jones Bike Trail Extension #2	FY2008-09	Active	$ 1,485,000	$ 1,485,000	$ -	$ -	$ -	$ -	$ -
Los Berros	Public Safety	County Fire	South County Fire Station Property	FY 2014-15	New Project	$ 450,000	$ -	$ -	$ -	$ 450,000	$ -	$ -
Garden Farms	Public Safety	County Fire	North County Fire Station Property	FY 2015-16	New Project	$ 475,000	$ -	$ -	$ -	$ -	$ 475,000	$ -
Cambria	Public Safety	County Fire	North Coastal Fire Station Property	FY 2016-17	New Project	$ 475,000	$ -	$ -	$ -	$ -	$ -	$ 475,000
San Luis Obispo	Public Safety	Sheriff	Expand Women's Jail	FY2006-07	Active	$ 40,423,385	$ 2,751,193	$ 26,366,085	$ 11,306,107	$ -	$ -	$ -
Creston	Public Safety	Cal Fire	Creston Fire Station Land Acquisition/Design	FY2009-10	Active	$ 3,919,288	$ 3,919,288	$ -	$ -	$ -	$ -	$ -
San Luis Obispo	Public Safety	Probation	Juvenile Hall Expansion	FY 2008-09	Active	$ 17,494,644	$ 2,212,000	$ 2,074,899	$ 13,207,745	$ -	$ -	$ -
San Luis Obispo	Public Works	Public Works	Replace Sewer Line from Manhole #3 to Animal Shelter	FY 2012-13	New Project	$ 333,000	$ -	$ 333,000	$ -	$ -	$ -	$ -
			GSA TOTALS	**Projects:**	**32**	**$ 88,011,464**	**$ 21,661,510**	**$ 35,640,222**	**$ 26,862,072**	**$ 4,541,420**	**$ 1,521,120**	**$ 585,120**

APPENDIX 3: CONSOLIDATED SUMMARY OF PROJECTS BY FUNCTIONAL AREA

Community	Functional Area	Department	Project Title	Project Start Date	Status	Total Estimated Cost	Previous Allocation	2012-13	2013-14	2014-15	2015-16	2016-17
Oceano	Flood Control	Public Works	Route 1 at 13th Street Storm Drain	1/3/2011	Active	$ 2,200,000	$ 400,840	$ 1,799,160	$ -	$ -	$ -	$ -
Los Osos	Road Improvement Fees	Public Works	Los Osos Valley Road Widening	3/1/2012	Inactive	$ 600,000	$ -	$ 600,000	$ -	$ -	$ -	$ -
Templeton	Road Improvement Fees	Public Works	Main Street Interchange Operational	6/30/2010	Active	$ 200,000	$ 80,000	$ 120,000	$ -	$ -	$ -	$ -
Avila Beach	Road Improvement Fees	Public Works	San Luis Bay Drive Interchange	6/30/2010	Inactive	$ 190,000	$ -	$ 190,000	$ -	$ -	$ -	$ -
Nipomo	Road Improvement Fees	Public Works	Willow Road Oak Woodland Mitigation	6/30/1998	Active	$ 750,000	$ 150,000	$ 500,000	$ 20,000	$ 20,000	$ 20,000	$ 40,000
Nipomo	Road Improvement Fees	Public Works	Willow Road Extension Phase II	12/30/1997	Active	$ 21,400,000	$ 16,000,000	$ 5,400,000	$ -	$ -	$ -	$ -
Nipomo	Road Improvement Fees	Public Works	Pomeroy Road at Augusta Drive	6/30/2010	Active	$ 210,000	$ 50,000	$ 160,000	$ -	$ -	$ -	$ -
Oceano	Road Improvement Fees	Public Works	Halcyon Road at Route 1 Intersection	1/30/2000	Active	$ 5,090,000	$ 90,000	$ 250,000	$ 250,000	$ 550,000	$ 450,000	$ 3,500,000
Nipomo	Road Improvement Fees	Public Works	Los Berros Road Interchange	6/30/2009	Inactive	$ 1,360,000	$ -	$ -	$ -	$ 160,000	$ 1,200,000	$ -
County Wide	Road Preservation	Public Works	Bridge Deck Seals	6/30/2011	Active	$ 315,000	$ 315,000	$ -	$ -	$ -	$ -	$ -
County Wide	Road Preservation	Public Works	ADA Compliance-Public Right of Way	7/1/2011	Active	$ 370,000	$ 60,000	$ 70,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000
Nipomo	Road Preservation	Public Works	Maria Vista Subdivision Phase 3	6/30/2009	Active	$ 1,500,000	$ 435,000	$ 1,065,000	$ -	$ -	$ -	$ -
Pozo	Road Preservation	Public Works	AC Overlay-Pozo/Parkhill	7/1/2011	Active	$ 2,100,000	$ 90,000	$ 2,010,000	$ -	$ -	$ -	$ -
Creston	Road Safety	Public Works	La Panza Road Widening	6/30/2010	Active	$ 2,140,000	$ 120,000	$ 240,000	$ 1,780,000		$ -	$ -
Edna	Road Safety	Public Works	Price Canyon Road Widening, Phase II	9/30/2011	Active	$ 5,650,000	$ 50,000	$ 200,000	$ -	$ 5,400,000	$ -	$ -
Templeton	Road Safety	Public Works	Templeton Road Widening	6/30/2009	Active	$ 1,829,000	$ 240,000	$ 159,000	$ 980,000	$ 450,000	$ -	$ -
Nipomo	Road Safety	Public Works	Los Berros at Dale Avenue Turn Lane	6/30/2009	Inactive	$ 750,000	$ 120,000	$ -	$ -	$ -	$ 80,000	$ 550,000
San Miguel	Transportation Betterment	Public Works	16th Street Pedestrian RR Crossing	1/30/2007	Active	$ 700,000	$ 150,000	$ 550,000	$ -	$ -	$ -	$ -
San Miguel	Transportation Betterment	Public Works	San Miguel Gateway & Pedestrian Enhancement	6/30/2011	Active	$ 650,000	$ -	$ 150,000	$ -	$ 500,000	$ -	$ -
Templeton	Transportation Betterment	Public Works	Vineyard Drive Bike Lanes	6/30/2011	Active	$ 610,000	$ 90,000	$ 60,000	$ 460,000	$ -	$ -	$ -
Huasna	Transportation Structures	Public Works	Huasna River Bridge Replacement	6/30/2012	Inactive	$ 650,000	$ -	$ -	$ 50,000	$ 200,000	$ 300,000	$ 100,000
Oceano	Transportation Structures	Public Works	Air Park Drive Bridge Replacement	6/30/2011	Active	$ 610,000	$ -	$ 50,000	$ 250,000	$ 200,000	$ 50,000	$ 60,000
Adelaida	Transportation Structures	Public Works	Cypress Mountain Road Bridge Replacement	6/30/2010	Active	$ 995,000	$ 45,000	$ 150,000	$ 25,000	$ 35,000	$ 740,000	$ -
Avila Beach	Transportation Structures	Public Works	Avila Beach Drive Bridge Seismic Retrofit	12/20/2011	Active	$ 2,350,000	$ 20,000	$ 230,000	$ 300,000	$ 800,000	$ 1,000,000	$ -
Cambria	Transportation Structures	Public Works	Main Street Bridge Replacement	6/30/2000	Active	$ 5,490,000	$ -	$ 2,745,000	$ 2,745,000	$ -	$ -	$ -
Creston	Transportation Structures	Public Works	Geneseo Road Bridge Replacement	6/30/2011	Active	$ 3,525,000	$ 40,000	$ 210,000	$ 350,000	$ 125,000	$ 2,800,000	$ -
Edna	Transportation Structures	Public Works	Price Canyon Road Phase I	2/1/2000	Active	$ 4,860,000	$ 2,160,000	$ 2,700,000	$ -	$ -	$ -	$ -
Garden Farms	Transportation Structures	Public Works	El Camino Real Bridge Replacement	6/30/2011	Active	$ 3,615,000	$ 30,000	$ 250,000	$ 250,000	$ 200,000	$ 85,000	$ 2,800,000
Huasna	Transportation Structures	Public Works	Branch Mill Road Bridge Replacement	6/30/2010	Active	$ 3,595,000	$ 130,000	$ 500,000	$ 120,000	$ 845,000	$ 2,000,000	$ -
Huasna	Transportation Structures	Public Works	Lopez Drive Bridge Seismic Retrofit	6/30/2011	Active	$ 710,000	$ 40,000	$ 670,000	$ -	$ -	$ -	$ -
Los Osos	Transportation Structures	Public Works	South Bay Blvd. Bridge Seismic Retrofit	12/6/2011	Active	$ 4,075,000	$ 20,000	$ 250,000	$ 380,000	$ 1,225,000	$ 2,200,000	$ -
San Luis Obispo	Transportation Structures	Public Works	Davenport Creek Road Bridge Replacement	6/30/2013	Inactive	$ 250,000	$ -	$ -	$ -	$ -	$ 50,000	$ 200,000
Whitley Gardens	Transportation Structures	Public Works	River Grove Drive Bridge Replacement	6/30/2010	Active	$ 3,920,000	$ 140,000	$ 500,000	$ 110,000	$ 120,000	$ 3,050,000	$ -
Oak Shores	Wastewater	Public Works	Oak Shore Sewer Interceptor Risk Assessment	7/1/2011	Active	$ 60,000	$ 60,000	$ -	$ -	$ -	$ -	$ -
Los Osos	Wastewater	Public Works	Los Osos Wastewater Project	6/30/2006	Active	$ 175,098,000	$ 18,800,000	$ 56,500,000	$ 50,000,000	$ 32,798,000	$ 17,000,000	$ -
Cayucos	Water System	Public Works	CSA 10A Waterline Improvements	6/30/2009	Active	$ 1,050,000	$ 230,000	$ 820,000	$ -	$ -	$ -	$ -
Huasna	Water System	Public Works	Rodriguez Waterline Crossing	6/30/2009	Active	$ 750,000	$ 200,000	$ 550,000	$ -	$ -	$ -	$ -
Shandon	Water System	Public Works	CSA16 State Water Turnout	7/1/2011	Active	$ 380,000	$ 60,000	$ 320,000	$ -	$ -	$ -	$ -
			PUBLIC WORKS TOTALS	**Projects:**	**38**	**$ 260,597,000**	**$ 40,415,840**	**$ 79,968,160**	**$ 58,130,000**	**$ 43,688,000**	**$ 31,085,000**	**$ 7,310,000**
			TOTAL GSA AND PUBLIC WORKS	**Projects:**	**70**	**$ 348,608,464**	**$ 62,077,350**	**$ 115,608,382**	**$ 84,992,072**	**$ 48,229,420**	**$ 32,606,120**	**$ 7,895,120**

Appendix 4: Consolidated Summary of Projects by Community

The following table summarizes all Five Year CIP requests by community. Facility and infrastructure projects are consolidated into one report. The table includes the following:

- Community the project will be located
- Functional area
- Department requesting the project
- Project title
- Project start date
- Project status
- Total estimated cost of the entire project
- Previous allocation
- Fiscal year the funding is anticipated to be needed

County of San Luis Obispo
GENERAL SERVICES AGENCY

APPENDIX 4: CONSOLIDATED SUMMARY OF PROJECTS BY COMMUNITY

Community	Functional Area	Department	Project Title	Project Start Date	Status	Total Estimated Cost	Previous Allocation	2012-13	2013-14	2014-15	2015-16	2016-17
Adelaida	Transportation Structures	Public Works	Cypress Mountain Road Bridge Replacement	40359	Active	995000	45000	150000	25000	35000	740000	0
Arroyo Grande	Parks	GSA-Parks	Biddle Park Playground Replacement	FY2014-15	Active	275000	153800	0	0	121200	0	0
Atascadero	General Gov't	GSA - IT	Extend Fiber to Atascadero Hospital and New Library	FY 2012-13	New Project	291700	0	291700	0	0	0	0
Atascadero	General Gov't	Clerk,Plan,Asses	"One Stop" Clerk, Planning and Assessor's Office	FY 2011-12	Active	2870600	2870600	0	0	0	0	0
Atascadero	Library	Library	Atascadero Library Replacement	FY2009-10	Active	6138700	2845300	3293400	0	0	0	0
Avila Beach	Parks	GSA - Parks	Cave Landing Trail	FY 2012-13	New Project	732745	732745	0	0	0	0	0
Avila Beach	Parks	GSA-Parks	Bob Jones Bike Trail Extension #2	FY2008-09	Active	1485000	1485000	0	0	0	0	0
Avila Beach	Road Improvement Fees	Public Works	San Luis Bay Drive Interchange	40359	Inactive	190000	0	190000	0	0	0	0
Avila Beach	Transportation Structures	Public Works	Avila Beach Drive Bridge Seismic Retrofit	40897	Active	2350000	20000	230000	300000	800000	1000000	0
Cambria	General Gov't	GSA-IT	Rocky Butte Communication Vault Replacement	FY2014-15	New Project	263500	0	0	0	263500	0	0
Cambria	Library	Library	Cambria Library Expansion	FY2010-11	Active	937000	98984	838016	0	0	0	0
Cambria	Public Safety	County Fire	North Coastal Fire Station Property	FY 2016-17	New Project	475000	0	0	0	0	0	475000
Cambria	Transportation Structures	Public Works	Main Street Bridge Replacement	36707	Active	5490000	0	2745000	2745000	0	0	0
Cayucos	Water System	Public Works	CSA 10A Waterline Improvements	39994	Active	1050000	230000	820000	0	0	0	0
County Wide	Road Preservation	Public Works	Bridge Deck Seals	40724	Active	315000	315000	0	0	0	0	0
County Wide	Road Preservation	Public Works	ADA Compliance-Public Right of Way	40725	Active	370000	60000	70000	60000	60000	60000	60000
Creston	Public Safety	Cal Fire	Creston Fire Station Land Acquisition/Design	FY2009-10	Active	3919288	3919288	0	0	0	0	0
Creston	Road Safety	Public Works	La Panza Road Widening	40359	Active	2140000	120000	240000	1780000		0	0
Creston	Transportation Structures	Public Works	Geneseo Road Bridge Replacement	40724	Active	3525000	40000	210000	350000	125000	2800000	0
Edna	Road Safety	Public Works	Price Canyon Road Widening, Phase II	40816	Active	5650000	50000	200000	0	5400000	0	0
Edna	Transportation Structures	Public Works	Price Canyon Road Phase I	36557	Active	4860000	2160000	2700000	0	0	0	0
Garden Farms	Public Safety	County Fire	North County Fire Station Property	FY 2015-16	New Project	475000	0	0	0	0	475000	0
Garden Farms	Transportation Structures	Public Works	El Camino Real Bridge Replacement	40724	Active	3615000	30000	250000	250000	200000	85000	2800000
Huasna	Transportation Structures	Public Works	Huasna River Bridge Replacement	41090	Inactive	650000	0	0	50000	200000	300000	100000
Huasna	Transportation Structures	Public Works	Branch Mill Road Bridge Replacement	40359	Active	3595000	130000	500000	120000	845000	2000000	0
Huasna	Transportation Structures	Public Works	Lopez Drive Bridge Seismic Retrofit	40724	Active	710000	40000	670000	0	0	0	0
Huasna	Water System	Public Works	Rodriguez Waterline Crossing	39994	Active	750000	200000	550000	0	0	0	0
Los Berros	Public Safety	County Fire	South County Fire Station Property	FY 2014-15	New Project	450000	0	0	0	450000	0	0
Los Osos	Road Improvement Fees	Public Works	Los Osos Valley Road Widening	40969	Inactive	600000	0	600000	0	0	0	0
Los Osos	Transportation Structures	Public Works	South Bay Blvd. Bridge Seismic Retrofit	40883	Active	4075000	20000	250000	380000	1225000	2200000	0
Los Osos	Wastewater	Public Works	Los Osos Wastewater Project	38898	Active	175098000	18800000	56500000	50000000	32798000	17000000	0
Nipomo	Parks	GSA-Parks	Nipomo Park Paving (Road Repaving)	FY2013-14	New Project	275000	0	0	275000	0	0	0
Nipomo	Parks	GSA-Parks	Nipomo Community Park Playground Replacement	FY2015-16	Active	250000	250000	0	0	0	0	0
Nipomo	Road Improvement Fees	Public Works	Willow Road Oak Woodland Mitigation	35976	Active	750000	150000	500000	20000	20000	20000	40000
Nipomo	Road Improvement Fees	Public Works	Willow Road Extension Phase II	35794	Active	21400000	16000000	5400000	0	0	0	0
Nipomo	Road Improvement Fees	Public Works	Pomeroy Road at Augusta Drive	40359	Active	210000	50000	160000	0	0	0	0
Nipomo	Road Improvement Fees	Public Works	Los Berros Road Interchange	39994	Inactive	1360000	0	0	0	160000	1200000	0
Nipomo	Road Preservation	Public Works	Maria Vista Subdivision Phase 3	39994	Active	1500000	435000	1065000	0	0	0	0
Nipomo	Road Safety	Public Works	Los Berros at Dale Avenue Turn Lane	39994	Inactive	750000	120000	0	0	0	80000	550000
Oak Shores	Wastewater	Public Works	Oak Shore Sewer Interceptor Risk Assessment	40725	Active	60000	60000	0	0	0	0	0

APPENDIX 4: CONSOLIDATED SUMMARY OF PROJECTS BY COMMUNITY

Community	Functional Area	Department	Project Title	Project Start Date	Status	Total Estimated Cost	Previous Allocation	2012-13	2013-14	2014-15	2015-16	2016-17
Oceano	Airports	GSA Airports	Electrical Vault and Airfied Electrical Improvements	FY2013-14	New Project	522400	0	0	227600	294800	0	0
Oceano	Airports	GSA - Airports	Oceano Airport Environmental Determination	FY2012-13	New Project	300000	0	300000	0	0	0	0
Oceano	Flood Control	Public Works	Route 1 at 13th Street Storm Drain	40546	Active	2200000	400840	1799160	0	0	0	0
Oceano	Road Improvement Fees	Public Works	Halcyon Road at Route 1 Intersection	36555	Active	5090000	90000	250000	250000	550000	450000	3500000
Oceano	Transportation Structures	Public Works	Air Park Drive Bridge Replacement	40724	Active	610000	0	50000	250000	200000	50000	60000
Pozo	General Gov't	GSA-IT	Black Mountain Communication Vault Replacement	FY2014-15	New Project	263500	0	0	0	263500	0	0
Pozo	Road Preservation	Public Works	AC Overlay-Pozo/Parkhill	40725	Active	2100000	90000	2010000	0	0	0	0
San Luis Obispo	Airports	GSA - Airports	Install Automated Weather Observation Sys	FY2012-13	New Project	547200	0	547200	0	0	0	0
San Luis Obispo	Airports	GSA Airports	Relocate ILS Glide Slope	FY2013-14	New Project	3010800	0	0	1185500	1825300	0	0
San Luis Obispo	Airports	GSA - Airports	New SLO Airport Terminal	FY2012-13	New Project	1147502	0	1147502	0	0	0	0
San Luis Obispo	General Gov't	GSA - General Se	Replace JSC East D Unit Showers	FY2012-13	New Project	338300	0	338300	0	0	0	0
San Luis Obispo	General Gov't	GSA - General Se	Upgrade and add new Building Automation Controls	FY2012-13	New Project	550600	0	110120	110120	110120	110120	110120
San Luis Obispo	General Gov't	GSA-IT	Cuesta Peak Communication Vault Replacement	FY2014-15	New Project	263500	0	0	0	263500	0	0
San Luis Obispo	General Gov't	GSA-IT	Main Communication Vault Replacement	FY2014-15	New Project	373900	0	0	0	373900	0	0
San Luis Obispo	Health Soc Srvs	HA-Animal Svcs	Animal Services Remodel and Cattery Expansion	FY2010-11	Active	1267600	1267600	0	0	0	0	0
San Luis Obispo	Public Safety	Sheriff	Expand Women's Jail	FY2006-07	Active	40423385	2751193	26366085	11306107	0	0	0
San Luis Obispo	Public Safety	Probation	Juvenile Hall Expansion	FY 2008-09	Active	17494644	2212000	2074899	13207745	0	0	0
San Luis Obispo	Public Works	Public Works	Replace Sewer Line from Manhole #3 to Animal Shelter	FY 2012-13	New Project	333000	0	333000	0	0	0	0
San Luis Obispo	Transportation Structures	Public Works	Davenport Creek Road Bridge Replacement	41455	Inactive	250000	0	0	0	0	50000	200000
San Luis Obispo	Airports	GSA Airports	Pave Runway 11 Access Road	FY2014-15	New Project	1511600	0	0	0	575600	936000	0
San Luis Obispo	Airports	GSA Airports	Resurface Airport Drive	FY2013-14	New Project	300000	0	0	300000	0	0	0
San Miguel	Transportation Betterment	Public Works	16th Street Pedestrian RR Crossing	39112	Active	700000	150000	550000	0	0	0	0
San Miguel	Transportation Betterment	Public Works	San Miguel Gateway & Pedestrian Enhancement	40724	Active	650000	0	150000	0	500000	0	0
Santa Margarita	Parks	GSA-Parks	Replace water storage tanks at Santa Margarita Lake	FY2013-14	New Project	250000	0	0	250000	0	0	0
Shandon	Water System	Public Works	CSA16 State Water Turnout	40725	Active	380000	60000	320000	0	0	0	0
Templeton	General Gov't	GSA-IT	Backup Computer Facility	FY2007-08	Inactive	275000	275000	0	0	0	0	0
Templeton	Road Improvement Fees	Public Works	Main Street Interchange Operational Improvements	40359	Active	200000	80000	120000	0	0	0	0
Templeton	Road Safety	Public Works	Templeton Road Widening	39994	Active	1829000	240000	159000	980000	450000	0	0
Templeton	Transportation Betterment	Public Works	Vineyard Drive Bike Lanes	40724	Active	610000	90000	60000	460000	0	0	0
Whitley Gardens	Transportation Structures	Public Works	River Grove Drive Bridge Replacement	40359	Active	3920000	140000	500000	110000	120000	3050000	0
			TOTALS	Projects:	70	348608464	59277350	115608382	84992072	48229420	32606120	7895120

Appendix 5 – Functional Area Descriptions

Project Functional Areas Functional Areas

The capital projects in this report have been grouped into functional area categories. The functional areas are for facilities to be developed by General Services Agency and generally coincide with the use of the facility. For example, library projects are in the library functional area and the Women's Jail is in the public safety functional area. The functional categories for infrastructure projects Public Works

Facility Project Functional Areas – General Services

Facility Projects are grouped into functional areas which are consistent with the functional areas identified in the capital and maintenance project fund centers of the County budget. The functional areas are Airports, General Government, Golf Courses, Health and Social Services, Library, Parks, Public Works and Public Safety.

- **Airports** – The Airports functional area identifies projects at San Luis Obispo County Regional Airport or Oceano Airport. Projects support both commercial air service (at the San Luis Obispo Airport) and general aviation and include runways, terminals, parking for both vehicles and aircraft, hangars and other airport serving facilities. The Airports operate as an Enterprise Fund. Projects in this functional area are generally funded by Federal Aviation Administration (FAA) grants and Airport operating revenues. Additional grants are sought and utilized when appropriate.

- **Public Safety** – The Public Safety functional area includes Sheriff, Probation, Fire and District Attorney. Projects include correctional facilities, fire stations, patrol stations, interview rooms, office space, etc. These projects are generally financed by the General Fund (GFS), Public Facility Fees (PFF) for law and fire and grants (such as AB 900 Local Jail Construction Financing Program. AB109 Criminal justice alignment and SB 81: Juvenile Justice Realignment Provisions, when available. Additional grants are sought and utilized when appropriate.

- **General Government** – The General Government functional area includes those departments that serve other County departments such as the Administrative Office, Assessor, Auditor/Controller, Board of Supervisors, Clerk-Recorder, County Counsel, General Services, Human Resources, Information Technology, Risk Management and Treasurer/Tax Collector. Projects include renovation and enhancement of office buildings and public areas as well as storage space for records and other facilities necessary to accomplish the functions of General Government. These projects are generally financed by the General Fund or available grants. For example, Lighting and Heating, Ventilation, Air Conditioning (HVAC) units were replaced on facilities that serve these departments through the use of

American Recovery and Reinvestment Act (ARRA) and Energy Efficiency and Conservation Block Grant (EECBG).

- **Health and Social Services** - The Health and Social Services functional area includes the Department of Social Services and Health Agency. Projects focus primarily on public health and mental health office space, client treatment space, and animal services renovations. These projects are generally financed by departmental operating funds when they are State of California reimbursable. In addition projects in this functional area may be funded through the General Fund, available grants and Public Facility Fee (PFF) General Government.

- **Library** – The Library functional area provides materials and services to people seeking knowledge and lifelong learning. Projects focus primarily on building or relocating libraries and remodeled circulation desks. Projects are generally financed from Public Facility Fee (PFF) Library or operating revenues (small projects only). Library facilities are funded (50%) by the community such as The Friends of the Library organizations.

- **Parks** – The Parks functional area provides recreational facilities such as community parks, playgrounds, tennis courts, swimming pools, coastal access ways and beaches, large regional camping facilities, and biking and hiking trails. Projects are generally financed from grants (Federal, State and other) and Public Facility Fee (PFF) Parks.

- **Public Works** – The Public Works functional area for facilities is focused on improvements related to facilities specifically used by Public Works such as road yards and improvements associated with infrastructure for county facilities such as the water and wastewater system that serves the County Operational Center between Morro Bay and San Luis Obispo. Funding is usually provided through annual allocations in the County budget and may consist of General Fund or funding from County reserves.

Infrastructure Project Functional Areas – Public Works

Public Works Infrastructure is broken down into the following functional areas based:

- **Water Systems** – These facilities are either localized water system for towns in the unincorporated areas or large delivery systems such as the Nacimiento Pipeline. Standard of this area is to conform to State and Local Health and Safety Requirements.

- **Wastewater Systems** – Local systems such as Oak Shores and Country are operated and maintained by the County as well as the large scale project being implemented in Los Osos. Standard of this area is to conform to State and Local Health and Safety Requirements.

- **Flood Control** – Local drainage needs have been defined through a six community drainage study and the County works toward implementation of the associated capital improvements

list. Arroyo Grande Channel is the major County Flood Control facility under this functional area.

- **Transportation:**
  - **Road Preservation** – This category involves maintenance of the existing system, primarily road surface condition as well as adhering to State and Federal Mandates such as NPDES and ADA requirements. The standard of road system preservation is established by the Board which is currently to maintain an overall system pavement condition of not less than 65.

  - **Transportation Structures** – The County maintains just over 200 bridges. The standard is to have at least 90% of all structures have a structural rating over 50. Work involves replacement and rehabilitation of structures to meet this goal.

  - **Road Safety** – Projects in this category improve existing sites know to have safety needs or improve the road side conditions to reduce frequency and extent of collisions. Standard is to maintain collision rates at or below State Highway collision rates.

  - **Road Improvement Fees** – Projects which improve transportation system capacity and mitigate new development impacts. These are identified in various circulation studies and fee programs adopted by the Board. Standard for action is to maintain Level of Service D or greater.

  - **Transportation Betterment** – These projects are discretionary enhancements to non-motorized transportation such as bikeways, paths and streetscape improvement in downtown areas. Community Plans define.

Appendix 6: Funding Sources

Capital Improvement Funding Sources

Funding capital and major maintenance projects is a challenge faced by all governmental entities charges with developing and maintaining facilities and infrastructure. Due to the economic downturn and a related decline in governmental revenues, capital and major maintenance expenditures have been constrained for the past several years. Although funding has been constrained, an existing backlog of projects with previous allocations of funding has allowed capital and maintenance development to continue.

This plan is focused on the financing of capital projects which will be considered for development within the next five years. The funding sources identified are those which are known and have historically been used to develop capital projects. The following sub-sections identify funding the sources used in this plan.

Facility Project Funding Sources – General Services Agency

There are a variety of funding sources used to pay for the cost of developing County facilities. The Board of Supervisors budget policies emphasizes development of projects which are 100% revenue offset or have their own funding source. County functions which are enterprise funds, such as the County Airports and County Golf Courses are expected to utilize their own funding for capital and maintenance improvements. By Board policy, Library projects are to be funded with 50% of the cost coming from the community in which the library improvements are proposed.

Public Facility Fees (PFF) provides funding for five areas being General Government, Law Enforcement, Fire Protection, Libraries and Parks. Public Facility Revenues are dependent upon fees charged to new development projects and can only be used to fund new facilities needed to accommodate growth. They cannot be used for operations or maintenance expense. The decline in development activity due to the economic downturn has caused revenues from these fees to fall by 50% from their high levels in the middle of the last decade. Current annual PFF revenues total about $1 million for all five functional areas. PFF not used during the year is applied to PFF reserves. There is approximately $5 million in PFF reserve funds. The next 10 or more years of future revenue from Library Public Facility Fees has been committed to finance the Atascadero and Cambria library projects identified in the proposed Five Year CIP. The General Government PFF revenues are committed to pay for a portion of the debt financing for the New Government Center.

The balance of Capital Project reserve funds fluctuate with use and replenishment. The amount of funding set aside in capital reserve accounts has been reduced concurrent with other reductions made to balance the County budget. At the beginning of FY 2011-12 the Capital Project reserve fund balance was about $13.3 million. All but $3.6 million is designated for specific projects, including the Women's Jail and Juvenile Hall Expansion projects shown on the proposed Five Year CIP. The General Government Building Reserve has about $9.4 million in available funding. A portion of this reserve may be used to fund capital projects recommended in the FY 2012 – 13 budget.

The following table identifies funding sources matched to the functional areas for projects. The funding sources in the table are those that are most commonly applied to capital and major maintenance projects for the facilities developed within the functional area.

Functional Area	Funding Source
Airports	Federal Aviation Administration grants and entitlements Passenger Facility Fees Customer Facility Fees Airport Enterprise Revenues
General Government	Capital Project Reserves General Government Building Replacement Reserves General Government Public Facility Fees Depreciation charges General Fund Grant funds when available
Golf Courses	Debt obligations financed with Golf Course Enterprise Funds Golf Course Enterprise revenues Grant funds when available
Health and Social Services	Health operating budget DSS operating budget Capital Project Reserves General Government Building Replacement Reserves Depreciation charges General Fund Grants when available
Library	Library Public Facility Fees Library Reserves Library operating budget 50% funding from the community
Parks	Parks Public Facility Fees Quimby Fees Parks Reserves Parks operating budget Grant funding when available

Public Safety	Law Enforcement Public Facility Fees Fire Protection Public Facility Fees Operating budgets – Sheriff, Fire, Probation District Attorney Capital Project Reserves Asset Forfeiture Funds General Fund Grants when available Funding authorized by SB 900 and SB 8 for local jail and juvenile hall projects (one time)
Public Works (for County facilities)	Capital Project Reserves General Government Building Replacement Reserves General Government Public Facility Fees Depreciation charges General Fund Grant funds when available

Infrastructure Project Funding Sources - Public Works Funding

Public works infrastructure requires a multitude of funding sources to advance projects to final construction. The County seeks out several funding opportunities for project implementation. Nonetheless, there are certain core funding sources from which Public Works will advance projects. These are broken down into particular functional areas as follows.

Water Systems – Improvements are dependent on rates and charges to system customers in order to develop capital improvements to the system. On large systems such as the Nacimiento Pipeline or Lopez Water supply, the charges relate to the public agencies. On smaller water systems, improvement funds are developed through bimonthly water rate charges and occasional system grants or loans from State or Federal Sources.

Wastewater Systems – These improvements are also dependent on rates and charges to the customers with assistance via grant or loan programs from State and Federal Sources.

Flood Control – Under adopted Flood Control District Policy, capital improvements are to be paid for by the benefiting properties. Recent work in Cambria or along the Arroyo Grande Channel was initiated under an Assessment Districts. In both cases, these initial funding leveraged additional funds through Federal or State grant programs under FEMA and Prop 1E funds respectively. Other localized drainage projects have been done through discretionary funds provided by the General Fund or potentially from a built up reserve fund under the General Flood Control District which the Board has recently reviewed at the end of 2011.

Transportation – Transportation projects are funding primarily through three sources. The first is under Federal Transportation Grant Programs for bridge replacements or road safety improvements. The second is under programming of State transportation funds for regional projects through the San Luis Obispo Council of Governments. And third, under the County Road Improvement Fee programs, funding is established to mitigate increased traffic demand from development.

Appendix 7: Projects Completed FY 2009-10 to mid FY 2011-12

The following summarizes projects developed by the General Services Agency and Public Works. The summaries focus on capital and major maintenance projects which were completed in the FY 2009-10 through mid FY 2011-2 time frame. The list includes Projects which generally have a cost of $100,000 or greater.

General Services Agency Capital and Major Maintenance Projects
Completed FY 2009-10 to mid FY 2011-12

Airport Projects

Project Title: Eastside Access Roads **Total Project Cost:** $3,100,257

This project improved access to the San Luis Obispo County Airport and included the reconstruction of several existing roads and the addition of new road segments, placing all utilities under-ground and improving aging infrastructure to improve electrical service, communications and security at the Airport. Additionally fire protection water pressure and flow was corrected. The total project cost was funded by a combination of Federal Aviation Administration (FAA) Airport Improvement Program grant (95%) and Airport (Enterprise Fund) operational revenues (5%). This project was consistent with the Airport Land Use Plan and contributed to improved access and ease of use by the public. It was completed November 2009 and was part of the Airport master plan and was required for future airport expansion.

Project Title: Aero Drive Realignment **Total Project Cost:** $2,122,924

This project improved the San Luis Obispo County Airport main entry road, placing utilities under-ground, adding sidewalks and street lighting, improving drainage, and adding signalization and cross walks at the intersection of Aero Drive and Highway 227. The total project cost was funded by a combination of Federal Aviation Administration (FAA) Airport Improvement Program grant (95%) and Airport (Enterprise Fund) operating revenues (5%). This project was consistent with the Airport Land Use Plan and contributed to improved access and ease of use by the public. It was completed April 2010 and was part of the Airport master plan and was required for future airport expansion.

Project Title: Aircraft Parking Apron **Total Project Cost:** $ 6,474,469

This project expanded the parking apron for aircraft approaching the terminal at the San Luis Obispo County Airport. The total project cost was funded by FAA Airport Improvement Grant funding (95%) and from Passenger Facility Charges (PFC) (5%). Completion of this project was part of the Airport's Master Plan to ultimately relocate commercial airline parking to a location that meets FAA standards and will provide ease of access and an increased margin of safety for residents and visitors using the San Luis Obispo County Airport.

Project Title: **Airports – SLO – Runway 11 Extension** **Total Project Cost:** $15,593,963
The project extended existing runway approximately 800 feet to the West for a total runway length of 6,100 feet. It also provided for the realignment of Santa Fe Road to accommodate the extended runway. The extension will accommodate larger planes allowing higher levels of passenger travel. Project expenditures totaled $15,593,963. The project was funded with FAA Airport Improvement Grant Funding (95%) and Funds from Passenger Facility Fees and Airport Enterprise Funds (5%).

Project Title: Airports – SLO – Fuel Farm Infrastructure **Total Project Cost:** $834,779
This project constructed fuel farm infrastructure for the placement of fuel tanks by outside vendors. It included demolition of existing improvements and construction of a concrete slab containment structure, curb, gutter, security fencing, utilities and concrete pads for (4) 20,000 gallon fuel tanks. Tanks and associated connections were the responsibility of outside vendors. This project was funded with loan from Cal-Trans being repaid with Airport Enterprise operating funds.

General Government Projects

Project Title: Waterline Creek Crossing – County Ops Center **Total Project Cost:** $156,300
This project was executed by Public Works and constructed a bridge over Chorro Creek for a water line serving the County Operational Center. The project increased the waterline capacity serving County Operational Area facilities, including the Sheriff Department offices and County Jail. The project was funded with Facility Planning Reserves.

Project Title: Waterline Connection – County Operations Center **Total Project Cost:** $444,655
This project was executed by Public Works and provided an upgraded waterline along Kansas Avenue. The construction provided for necessary upgrades of an existing waterline distribution system to meet fire flow requirements as well as serving the future build-out needs of the overall Operations Center area, including the anticipated jail expansion. The project was originally budgeted in the Capital Projects Budget at $824,900, with Facility Planning Reserves ($134,900) and Building Replacement Reserves as ($690,000). The project was completed under budget with actual project costs of $444,655. The residual funding were returned to the Building Replacement Reserves fund.

Health and Social Services Projects

Project Title: Longbranch Building Remodel **Total Project Cost:** $654,383
The project remodeled the County owned facility to accommodate the consolidation of Probation and Drug and Alcohol from leased spaces. Construction included public and ADA compliant restrooms and

included removal of hazardous materials and upgrading the electrical system. This project was funded by the General Fund through Fund Center 200 County Maintenance.

Project Title: Mental Health Old Hospital Renovation **Total Project Cost:** $112,209
This project remodeled the old Atascadero hospital building for use as offices, allowing Paso Robles Mental Health Services to vacate leased space. Construction included HVAC, painting, flooring , data cabling and electrical work. Project expenditures totaled $112,209. This project was funded through a combination of Health Agency funding and General Fund through Fund Center 200 County Maintenance.

Project Title: Social Services Access Security Upgrades **Total Project Cost:** $177,015
This project upgraded the access security at the Social Services Building in San Luis Obispo by installing a state of the art wireless addressable FOB key entry system. This project was funded by the Department of Social Services.

Project Title: Social Services Premises Security Improvements **Total Project Cost:** $216,829
This project installed site security at the Social Services Building in San Luis Obispo through the installation of additional walkways, exterior lighting and other improvements which increased the security of persons entering or leaving the building. This project was funded by the Department of Social Services.

Parks Projects

Project Title: Heilmann Park Maintenance Facility **Total Project Cost:** $ 550,000
This project constructed a new 2,058 square foot North County Parks operations facility in Heilmann Park, Atascadero. This new facility was constructed to provide a more functional North County Parks operation, serving Atascadero, north to San Miguel and Vineyard Estates, east to Shandon. North County Parks operations were formerly housed in the old Atascadero Hospital, in what was previously the ambulance garage. The initial project budget was $799,000. The total project cost was $550,000 and was funded from Public Facility Fees (PFF) - Parks. The residual of approximately $249,000 will remain available to fund future Parks projects. The completion of this project contributed to a safer and ADA compliant facility and a more viable maintenance program for the North County Parks.

Project Title: Chalk Mountain Golf Course Rehabilitation **Total Project Cost** $419,952
This project reconstructed the sand traps and installed a drainage system to prevent ponding. It also reconstructed portions of selected tee boxes to correct drainage problems. This project was funded with a combination Golf Enterprise Funds and General Fund.

Project Title: Rios Caledonia Adobe Preservation **Total Project Cost** $444,655
This project provided seismic retrofit to the existing adobe within Federal Historic Preservation guidelines. It included repair of earthquake damaged exterior adobe walls. This project was funded with a combination of grant funds and Parks Public Facility Fees.

Project Title: Lopez Lake Boat Launching Facility **Total Project Cost** $762,950
This project resurfaced the parking area, replaced the aging boat launch dock and boarding docks repaired the boat launch ramp at Lopez Lake. The project was funded through a California Boating and Waterways grant.

Public Safety Projects

Project Title: Sheriff Sub-Station Remodel **Total Project Cost** $166,802
This project remodeled the existing Los Osos Sheriff's Substation providing more efficient use of space, improved accessibility, and provided more secure storage. The project painted the interior spaces and replaced worn flooring. This project was funded by the General Fund through Fund Center 200 County Maintenance.

Project Title: Juvenile Hall Remodel and Expansion of Intake Area **Total Project Cost** $3,423,165
This project expanded and remodeled the Juvenile Hall entry and intake area, included new camera systems and created additional office and staff locker areas. This project was funded with Facility Planning Reserves and General Fund.

Project Title: Avila Valley Fire Station Apparatus Bay Expansion **Total Project Cost** $541,800
This project expanded the Avila Valley Fire Station by adding an additional 1,698 square foot facility expansion to the side and rear of the existing facility. This created apparatus bays capable of accommodating newer, longer firefighting equipment. Ancillary facility improvements were also made to relocate the above-ground emergency generator; propane tank and gas meter and enlarge the driveway at the front of the apparatus bays. The total project cost was $541,800 with all funding coming from Public Facility Funds (PFF) – Fire. The completion of the additional apparatus bay and the expansion of the two existing bays at Avila Valley Fire Station No. 62 provided sufficient space to house the appropriate firefighting equipment. The construction complied with the current state regulations for an Essential Services Facility.

Project Title: Paso Robles Courthouse **Total Project Cost:** $11,858,027
This project was collaboration with the County, Administrative Office of the Courts, and the local Superior Court. The project constructed a two-story, 22,284 sq. ft. Court facility. It provides North County residents access to increased Superior Court services. The building was occupied by Courts in

October, 2008. On-going warranty issues, Court requested changes, and financial obligations required the project to remain open until this fiscal year. The project was funded by a combination of existing Courthouse constructions and a Certificate of Participation (financing) being repaid with Courthouse Construction Fund revenues.

Public Works Capital and Major Maintenance Projects

Completed FY 2009-10 to mid FY 2011-12

Road and Transportation Related Projects – Includes road repairs due to storm damage, bike lanes and streetscape improvements

Project Title: Avila Beach Drive Bluff Erosion **Total Project Costs**: $989,763

An existing timber retaining wall adjacent to Fossil Point, constructed as part of the Pacific Coast Railway, had failed and created erosion which jeopardized the roadway, several utilities and abandoned pipelines. The project stabilized the slope using soil nail wall system. Project was funded under the Road Fund as an emergency stabilization project.

Project Title: El Camino Real Left Turn Lanes **Total Project Costs:** $ 1,099,600

The project constructed left turn lanes at the intersection of Carmel Road as well as installed bus stop turnouts at the intersection with Santa Clara Road. The improvements enhanced safety on this arterial roadway. Funding was from a Federal Highway Safety Grant and Prop 1B funds approved for local roads and transit improvements.

Project Title: Los Osos Valley Rd at Palisades Ave **Total Project Costs**: $ 1,214,129

The project reconstructed the roadway to improve existing drainage and install a traffic signal at the intersection. The work improved access to the adjacent park. Funding was through the Los Osos Road Improvement Fee Account and the State Highway Account.

Project Title: Asphalt Overlay 2009 **Total Project Costs:** $ 2,866,212

The project repaved over 12 miles of roadway (Live Oak Road, Pomeroy Road, Town of Santa Margarita, Rossi Road, Galaxy Park subdivision, Nipomo). Project was funded under the Road Fund, Preventative Maintenance Program from General Fund contributions.

Project Title: ARRA Asphalt Overlay 2009 **Total Project Costs:** $ 2,124,104

The project repaved over 6 miles of roadway (Lopez Drive, Avila Beach Drive, Main Street, Cambria). Project was funded under the Federal American Recovery and Reinvestment Act.

Project Title: Cholame Valley Road Storm Damage **Total Project Costs**: $ 750,643

The project repaved the road surface and provided improved roadside drainage for future events after the road received severe damage from 2008 storms. Project was funded under a hazard mitigation grant from FEMA.

Project Title: Cypress Mountain Road Slope Failure **Total Project Costs:** $263,250

A portion of the road, south of Klau Mine Road, was endanger of complete wash-out. In lieu of stabilizing the creek, the road was realigned to a new right of way. Project was funded under the Road Fund as an emergency stabilization project.

Project Title: Las Tablas Ave Park and Ride Lot Exp **Total Project Costs**: $ 236,033

The project provided for expansion of the existing Park n Ride lot by 25 spaces to serve every increasing demand at this location. Project funding was from SLOCOG, State Highway Account and Prop 1B funds designated for transit improvements.

Project Title: Hutton Road Widening project **Total Project Costs**: $ 810,240

The project provided paved shoulders and adjustment of an existing curve north of the intersection with Rout 166. The site had been determined to warrant safety improvements. Funding was provided under a Federal Highway Safety grant.

Project Title: Nipomo Safe Route to School **Total Project Costs**: $ 1,136,504

The project improved pathways to Nipomo Elementary school along Price Street and Beechnut Streets and enhanced existing school crossings on Tefft Street and Thompson Avenue. Project funding was under a Federal Safe Routes to School grant and urban State Highway Account funds designated for Nipomo.

Project Title: Santa Ysabel Avenue Pathway **Total Project Costs**: $ 246,086

The work installed a paved walkway from 7th Street to 11th Street on this residential collector street and provides for improved area for pedestrian along the corridor. Funding was through Regional State Highway Account funds provided by SLOCOG.

Project Title: Willow Road Extension Phase I **Total Project Costs**: $ 11,165,967

The project extended Willow Road easterly from Pomeroy Road to Hetrick Avenue as part of the first phase to make the connection to Willow Road. It provides alternative path to the Los Berros Road interchange in the interim. Project funding was from South county Area 1 Road Improvement Fee Account, Prop 1B State-Local Partnership program, and ARRA funds.

Project Title: Asphalt Overlay 2010 **Total Project Costs**: $ 2,005,882

The project provided repaving on over 7 miles of roadways (Hutton Road, Joshua Avenue, Orchard Road, Osos Flaco Road, Hetrick Ave, Story Ave). Project was funded under the Road Fund, Preventative Maintenance Program from General Fund contributions.

Project Title: LED Streetlights **Total Project Costs:** $74,143

Project replaced 55 existing County owned and maintained streetlights with LED lights. The County expects to see a 75% reduction in energy costs as a result of the retrofit. Project funding was under the ARRA Energy Block grant

Project Title: Santa Rosa Creek Road Slope Failure **Total Project Costs:** $ 463,968

The project stabilized a road slope adjacent to Rocky Creek with the reconstruction of the roadway using geo-fabrics. Providing the improvement prevents residents from detouring over 20 miles. Project was funded under the Road Fund as an emergency stabilization project.

Project Title: Avila Bch Dr at First Street Traffic Signal **Total Project Costs:** $ 245,241

The project installed a traffic signal at the intersection of Avila beach Drive and First Street in Avila Beach. In addition to providing safe vehicle access onto Avila Beach Drive, the crossing also serves as the connection of the Bob Jones Trial into town at a safe and controlled crossing. The project was funded from Diablo Canyon Steam Generator Mitigation Account.

Project Title: San Simeon Creek Bridges **Total Project Costs:** $ 4,680,933

The project replaced two existing bridges on San Simeon Creek Road as they had been determined to be structural obsolete. The road serves as the sole access for several rural residents and to key communication facilities for the County. The project was funded under the Federal Highway Bridge program and the Road Fund.

Project Title: Santa Rosa Creek Fish Passage **Total Project Costs**: $ 1,234,412

The project replaced an existing concrete low water crossing on Ferrasci Road with a clear span bridge structure. Removal of the low water crossing allows for steel head habitat to expand up stream another seven miles. Funding for the project was through the Wildlife Conservation Board, State Coastal Conservancy, Regional Water Quality Board mitigation account and the Road Fund.

Project Title: Asphalt Overlay 2011 **Total Project Costs**: $ 1,504,857

The project repaved over 5 miles of roadway (Pomeroy Road, Willow Road). Project was funded under the Road Fund, Preventative Maintenance Program from General Fund contributions.

Project Title: Main Street Bike Lanes, Templeton **Total Projects Costs:** $ 297,216

The project constructed bike lanes along the north end of Main Street adjacent to the interchange. The location was a narrow roadway which limited safe bike access to the Theater Drive area and bike connections to Paso Robles. Funding was provided under the ARRA Energy Bike grant and the Road Fund.

Project Title: Mission Street Enhancements Phase III **Total Project Costs:** $ 403,657

Under the Board adopted San Miguel Design Plan, streetscape improvements to improve downtown commercial area were defined. This project improved the west side of Mission Street between 11th and 12th Street. Funding was provided through Community Development Block Grant.

Water System Related Projects

Project Title: Nacimiento Pipeline **Total Project Costs:** $176,016,649

The project was the end result of a multi-stakeholder group to provide supplemental water from the County's entitlements at Lake Nacimiento. The project involved construction of over 45 miles of pipe, several water storage tanks, and a sub terrain water intake structure. Participates include City of Paso

Robles, Atascadero Mutual Water, Templeton Community Service District, and the City of San Luis Obispo.

Project Title: CSA 10A Water tank Rehabilitation **Total Project Costs**: $ 293,450

The project recoated and replaced parts of an existing Cayucos Water tank. Project funding was through the CSA 10A operating account.

Project Title: CSA 23 Waterline Upgrades **Total Project Costs**: $ 874,237

The project upgrade existing waterline which were over five decades old and limited system delivery for fire flow requirements. The project also improved system valves for easier maintenance. Project funding was through a USDA grant and CSA 23 operating account.

Project Title: CSA 23 Water Tank **Total Project Costs**: $1,325,762

The project replaced and existing tank and increased storage capacity for peak summer demand and fire flow requirements. Project funding was through a USDA grant and CSA 23 operating account.

Project Title: Lopez Pipeline Pigging **Total Project Costs:** $ 405,073

The project cleaned the existing Lopez Pipeline segment between Arroyo Grande and Avila Beach. This maintenance work improves the efficiency of the pipeline to convey water and reduces long term operational expenses. Funding was under the Flood Control Zone 3 operating budget.

Project Title: Clearwell Tank Repair **Total Project Costs**: $ 360,570

An existing tank at the Cayucos Water Treatment Plant required recoating and repair of the tank roof. The tank is an essential part of the treatment process which serves three water purveyors for the Town of Cayucos.

Project Title: Lopez Sludge Bed Expansion **Total Project Costs:** $1,137,426

The project rehabilitated and increased the sludge beds at the Lopez Water treatment Plant. This improves on-going plant operations. Project funding was under Flood Control District 3 operating account.

Flooding and Drainages Related Projects

Project Title: Yerba Buena Storm Drain **Total Project Costs:** $ 705,230

Project installed a 2700 foot storm drain under Yerba Buena Street, Santa Margarita. The facility diverts drainage peak flows into Santa Margarita Creek which reduces the frequency of flooding in the Yerba Buena Creek area, specifically along F Street in Santa Margarita. The project was funded from General Funds designated by the Board toward road drainage improvements as well as the Road Fund.

Project Title: Cambria Flood Control Phase II **Total Project Costs**: $ 1,545,166

The work involved installation of a pressure storm drain system for the West Village area of Cambria. The project diverts upland drainage through conduits past the flood prone commercial business district to Santa Rosa Creek. Project funding was from an Assessment District and a Hazard Mitigation grant from FEMA.

Project Title: Maria Vista Bond Improvements **Total Project Costs**: $ 303,450

The project completed basic drainage subdivision improvements for the Maria Vista subdivision which had gone into bankruptcy. Funding was solely under subdivision bond settlement approved by the Board.

Project Title: Cambria Flood Control Phase III **Total Project Costs:** $619,791

The project installed an additional outlet drain pipe for the West Village area along with purchase and installation of a high capacity pump (installed 2012) to provide for the removal of accumulated localized drainage in the business district. In conjunction with phases I and II, this greatly reduces risk in West Village flooding. Project funding was from Assessment District and Hazard Mitigation grant from FEMA.

Appendix 8: Improvements to Annual CIP Process

The following summarizes the improvements made to the annual process to identify and recommend capital and major maintenance projects to the Board of Supervisors. The processes are used to identify projects recommended for the annual County budget and the County Five Year Capital Improvement Plan.

- Capital projects proposed for inclusion on the Five Year CIP and which have an estimated cost of $250,000 or greater are now jointly reviewed by the membership of the IFCC. Bringing together the County Administrative Office, General Services Agency, Public Works Department, and the Planning and Building Department allows a broader range of input into the capital project selection early in the process. Joint evaluation of projects helps increase internal awareness of how one project may impact another. It also allows for greater consideration of land use policies and goals and increases coordination of potential funding opportunities.

- New criteria used to evaluate the priorities for capital projects have been developed. The criteria have been incorporated into the Board's Budget policies. Each project considered for inclusion on the annual budget and/or Five Year CIP is rated. The criteria are shown below.

    - Ability to address a critical need or threats to health and safety
    - Connection to mandates or legal requirements
    - Existence of non-General Fund funding source(s)
    - Impact on General Fund or other budgetary impacts to existing services due to costs for staffing, operations and maintenance
    - Ability to address essential maintenance or repair needs to existing assets
    - Impact to service levels
    - Potential to save water/energy
    - Level of consistency with County plans, goals and priorities

- Along with the formation of the IFCC, a new Capital Improvement Executive Steering Committee (CI ESC) has been formed. This committee is chaired by the County Administrator and includes the following membership.

    - Director, General Services Agency, and ESC Vice-Chair
    - Auditor-Controller
    - Chief Probation Officer
    - Director, Health Agency
    - Director, Library
    - Director, Planning & Building
    - Director, Public Works
    - Director, Social Services
    - Fire Chief
    - Sheriff-Coroner

The CI ESC reviews the annual listing of projects for both the annual budget and Five Year CIP. Having the CI ESC review projects increases the transparency of how capital projects are identified and recommended. The CI ESC evaluates capital improvement investment opportunities from a County-wide perspective and assists with coordination between key stakeholders. This group evaluates and, if judged worthy, endorses the recommendations of the IFCC.

- Each project of the Five Year CIP is described on a one page project sheet which identifies the project description, project justification, estimated cost, existing or potential funding sources, links to plans and community. This page is linked to a summary sheet which lists all projects on the Five Year Plan.

- The annual update of the plan is described in an annual procedure document which guides the process for requesting, identifying and evaluating capital project proposals.

- The incorporation of the Planning and Building Department in the annual process helps assure that as projects are considered, their alignment with land use policies and goals is given greater consideration.

- The annual Five Year CIP update process begins in July of each fiscal year when the General Services Agency sent to all departments a request for projects. Departments submitting requests use electronic forms to describe and justify their requested project.

- Each project submitted is reviewed and rated using the criteria in the Board of Supervisors budget policies. This forms the basis for the subsequent evaluation by the Capital Improvement Executive Steering Committee.

- Funding sources are identified and evaluated for each project.

- Funding opportunities are discussed by the IFCC and CI ESC. This allows for a broader perspective of funding options which can be used to better identify and plan for funding capital projects in the future.

Appendix 9: Individual Project Information Sheets

The individual project sheets can be viewed on the County of San Luis Obispo web site at the following link: http://www.slocounty.ca.gov/gsa/CIP_5_Year_Plan.htm

All projects on the Five Year Plan will have an individual summary sheet. The project information contained on the summary sheets includes:

- Community the project will be located
- Functional area
- Project start date
- Project title
- Department requesting the project
- Fund center number for the department
- Project status
- Name of person in the department responsible for the project
- Project/Request number
- Project description
- Project justification
- Funding Issues
- Project's link to County Plan
- Expenditures for the total estimated cost of the project, prior years funding and the fiscal year funding will be needed. This includes the estimated costs for personnel, operations and capital (programming/study, design, land/ROW, and construction).
- Funding Source includes a list of all funding sources that will be used to fund the project.

General Services Agency Facility Functional Areas

- Airport Pages 1 - 7
- General Government Pages 8 - 16
- Health Social Services Page 17
- Library Pages 18 – 19
- Parks Pages 20 – 25
- Public Safety Pages 26 – 31
- Public Works Page 32

Public Works Infrastructure Functional Areas

- Flood Control Page 33
- Road Improvements Pages 34 - 41
- Road Preservation Pages 42 - 45
- Road Safety Pages 46 - 49
- Transportation Betterments Pages 50 - 52
- Transportation Structures Pages 53 - 65
- Wastewater Pages 66 - 67
- Water Systems Pages 68 - 70