



REPORT TO PLANNING COMMISSION City of Sacramento

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915 I Street, Sacramento, CA 95814-2671

STAFF REPORT
May 12, 2011

To: Members of the Planning Commission

Subject: Review of City FY 2011/16 Capital Improvement Program (CIP) for Conformity with the 2030 General Plan.

Location/Council District: Citywide

Recommendation: Review and Forward to Council a Report on the Conformity of the FY 2011/16 Capital Improvement Program with the City's 2030 General Plan

Contact: Teresa Haenggi, Associate Planner, 808-7554; Jim McDonald AICP, Senior Planner, 808-5723

Summary:

The Capital Improvement Program (CIP) is a five-year expenditure plan that provides the City with a financial outline for its infrastructure and facility needs. The CIP consists of capital improvement projects that are included in the City's proposed budget. A capital improvement project is a specific project that involves the study, procurement, construction or installation of facilities which improves, preserves, enhances or modernizes the City's provision of municipal services and has a useful life of at least five years.

The CIP and budget are presented to the City Council for approval at the same time because of their linked functions. The proposed FY 2011/16 CIP and budget have recently been released for public review and are available at the City Clerk's Office and on the City's website at www.cityofsacramento.org/finance/budget/.

The City of Sacramento Code Section 2.112.060 requires the Planning Commission to review CIP projects for consistency with the General Plan at least once every five years. The CIP was last reviewed by the Planning Commission in May of 2010. To ensure uniformity and clarity to the review process, the Planning Commission provides an annual consistency review. The Planning Commission's findings are forwarded to the Council in a memo addressed by the Community Development Department Director. The Budget Office also informs the Council of the Planning Commission's findings during the Council's review and approval of the 2011-2016 CIP.

Each year, new projects in the CIP will be reviewed by the Commission for consistency. All other projects in the CIP have been reviewed for consistency in prior years. Accordingly, staff has reviewed the new projects in the FY 2011/16 CIP, and has determined that they are consistent with the 2030 General Plan. A detailed review of the consistency review process used by staff and the findings of consistency is provided in Attachment 3 and is summarized below.

2030 General Plan. The 2030 General Plan was adopted by City Council on March 3, 2009. The consistency assessment for the CIP is based on conformance with the goals, policies, and land use diagram identified in the 2030 General Plan.

Project Selection. New CIP projects are typically identified through Council-approved master plans and programming guides, such as the Parks and Recreation Master Plan and the Transportation Programming Guide. This process supports CIP/General Plan consistency, because master plans, programming guides, and other documents that guide project development must be consistent with the City's General Plan when adopted.

New Projects for Consistency Review. There are 60 newly created projects in the FY011/16 CIP (See Attachment 1). Of these, 21 are site-specific and include park improvements, rehabilitation or replacement of sewer and drainage facilities, bridge repair, a traffic signal, and a study for a bike trail. Attachment 2 provides maps of the site-specific projects.

Of the new projects, 29 are not site-specific, but instead serve multiple areas. Many of these projects are for the repair and replacement of existing facilities. This is consistent with the General Plan's intent to support existing neighborhoods and accommodate growth through infill development.

One key to consistency with the 2030 General Plan lies in the relationship between the CIP and the Infill Program's Priority Shovel-Ready Areas approved by the Council on October 6, 2009. The Shovel-Ready Areas were based on opportunity areas identified in the 2030 General Plan. Focusing growth and investment in the Shovel-Ready Areas will help Sacramento develop according to the vision, goals, and policies set for in the General Plan.

Sacramento Housing and Redevelopment Agency. Of the 60 new projects, 10 are Sacramento Housing and Redevelopment Agency (SHRA) projects. The SHRA budget is based on the calendar year, so the SHRA projects in the City's 5-Year CIP have already been approved in late 2010 for the 2011 calendar year. Although SHRA projects are not approved by Council as part of the CIP, they are included to provide a more complete picture of all CIP projects. Their inclusion in the CIP also underscores the importance of SHRA projects to existing neighborhoods.

The ten SHRA projects primarily serve infill areas which reflect the General Plan's emphasis on infill development. Additionally, many of the SHRA projects serve low- to moderate-income families, and provide economic development opportunities. This is consistent with the General Plan's policies to provide opportunities for all of Sacramento's citizens to prosper.

Analysis

Staff's review of the new projects in the FY 2011/16 CIP has resulted in a recommendation for finding of consistency with the 2030 General Plan. The CIP offered only 60 new projects, of which 10 are SHRA projects. As with the FY 20010/11 CIP, the number of new projects is less than the CIP has offered in prior years. This decrease is largely due to the downturn in the economy and the moratorium on construction in the Natomas area that was required by the Federal Emergency Management Agency.

The new projects, though fewer in number, do address many of the key issues of the 2030 General Plan. For example, public safety is addressed through traffic signal upgrades, installation of security systems in parks, bridge maintenance, and pedestrian improvement. CIPs for the development, repair and rehabilitation of parks address the General Plan goals to establish complete neighborhoods and provide public spaces. The integrity of existing neighborhoods and commercial development are further supported by CIPs such as the street overlay program and projects to replace or repair sewer and water lines.

Future CIP Coordination. Community Development staff has been working with other city departments that manage CIPs to establish criteria in their master plans and programming guides that align projects with the vision, goals, and policies identified in the 2030 General Plan. CIP coordination ensures consistency with the 2030 General Plan in future CIPs and helps to maximize public resources and investment.

Consistency review in this report applies to high level, generalized project descriptions provided in the CIP. More detailed consistency review will be applied as project details are further identified as they are implemented. This level of review will look at more detailed policy issues, including urban design and historic preservation.

Environmental Considerations:

The Environmental Services Manager has determined that the conformity determination of the Capital Improvement Program with the City's General Plan is not a project pursuant to CEQA Guidelines Section 15378 and is therefore, not subject to the California Environmental Quality Act (CEQA).

Policy Considerations:

The 2030 General Plan identifies linking city budgeting and the Capital Improvement Program to the General Plan as a priority implementation measure. The annual review of the CIP for consistency with the General Plan is also listed as an implementation measure.

Respectfully submitted by: 
TERESA HAENGGI
Associate Planner

Recommendation Approved:


THOMAS S. PACE
Long Range Planning Manager

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City of Sacramento
FY 2011/16 Capital Improvement Program

	PROJECT #	PROJECT NAME	PROGRAM AREA	PROJECT DESCRIPTION
Site-Specific Projects (Mapped)				
1	K15125000	Two Rivers Trail, Phase II	Bikeways	Prepare a study to evaluate alignment, right-of-way requirements, and construction costs for a bike trail on the south side of the American River between SR160 and H Street. Obtain easements/permits from Union Pacific Railroad and environmental clearance.
2	L19109100	Belle Cooleage Dog Park Improvements	Parks & Recreation	Design and construct elements to improve animal containment and safety while maintaining the aesthetic integrity of existing facility.
3	L19141200	Ninos Parkway - Phase 2	Parks & Recreation	Design and construct a new electrical service and irrigation booster pump system to augment the capacity and efficiency of the existing irrigation system at the northern end of the site.
4	L19146100	Pannel Community Center Park Landscape Conversion	Parks & Recreation	Design and construct existing turf landscaping into low water use planting and irrigation; Add a new park monument sign.
5	L19153100	Reichmuth Park Improvements, Phase 2	Parks & Recreation	Design and construction of improvements as depicted in the approved revised master plan. Improvements include, but are not limited to, a demonstration garden with associated hardscape and landscape improvements.
6	L19195200	Hagginwood Park Improvements - Phase 2	Parks & Recreation	Improvements include, but are not limited to, parking lot rehabilitation, restroom construction, playground enhancement and rehabilitation, associated hardscape and landscape improvements, and directional signage.
7	L19230000	Dutra Park Improvements	Parks & Recreation	Prepare Crime Prevention Through Environmental Design (CPTED) analysis for the park. Design and construct security lighting improvements.
8	L19240000	North Natomas Community Park Improvements	Parks & Recreation	Add a concession stand adjacent to existing restroom building. Convert one existing baseball field into a soccer field.
9	S15124300	El Camino Avenue & Boxwood Street Traffic Signal	Signals / Lighting / Traffic Control	Install new traffic signal at the intersection of El Camino Avenue and Boxwood Street.
10	T15116000	La Mancha Way Bridge Rehabilitation	Street Improvements	Rehabilitation of La Mancha Way Bridge over Elder Creek.
11	W14120200	Firehouse Channel Improvements	Drainage	Realign and enlarge the channel (also known as Verano Creek).
12	W14120300	Boyce Drive Relief Pipeline	Drainage	Construct a relief pipe in Boyce Drive from Dalby Court to the detention basin that is located at Franklin Boulevard and Boyce Drive.
13	W14120400	Sump 22 Generator Connection Panel	Drainage	Modify switchgear to provide a generator connection.
14	W14120700	Pocket Canal Lining - Phase 4	Drainage	Line portions of Pocket Area canals.
15	W14120900	Exectutive Airport Ditch Culvert Replacement	Drainage	Replace deteriorated corrugated metal culverts with new concrete box culverts.
16	W14121000	River Park Drainage Rehab/ Replacement	Drainage	Replace or rehabilitate substandard and deteriorated drainage pipes in the River Park neighborhood.
17	X14120500	Brick Sewer Main Preservation	Sewer	Remove a section of brick sewer main and put it on display.
18	X14120600	Lampasas Avenue Sewer Replacement and Rehabilitation	Sewer	Replace sections of pipe that are too small and rehabilitate or replace sections that have deteriorated.
19	X14120800	Congress Avenue and Pipe Replacement	Sewer	Replace deteriorated sewer main and associated services and manholes.
20	X14120900	Gloria Drive Pipe Replacement	Sewer	Replace failed sewer pipe and associated manholes and services.
21	Z14111100	Water Treatment Plant Roof Repairs	Water	Repair leaking roofs on structures located at the Fairbairn Water Treatment Plant and Sacramento River Water Treatment Plant.

City of Sacramento
 FY 2011/16 Capital Improvement Program

	PROJECT #	PROJECT NAME	PROGRAM AREA	PROJECT DESCRIPTION
Multiple-Area Projects				
22	D13000200	Fleet Alternative Fuel Equipment Replacement Program	Mechanical / Electrical	Provides incremental funding and grant match funding for the purchase of alternative fuel, electric, plug-in hybrid, and hybrid vehicle equipment purchases and additional alternative fuel infrastructure.
23	K15120000	Bikeway Program	Bikeways	Ongoing program for on-street bicycle facilities within the City of Sacramento.
24	L19015000	ADA Transition Plan Revisions	Parks & Recreation	Review and analyze the existing conditions regarding physical access to all City parks and recreation facilities.
25	R15120800	Pavement Management Application Program	Street Maintenance	Updates to the The Pavement Management Application (PMA) inventory system.
26	R15122000	Street Overlays and Seals Program	Street Maintenance	Ongoing program to review/improve overlay and seal of City streets.
27	R15122300	Bridge Maintenance Program	Street Maintenance	Program provides funding for miscellaneous unscheduled maintenance activities on City-owned bridge structures.
28	R15122400	Guardrail Replacement Program	Street Maintenance	Replacement and repair of guardrails damaged by traffic collisions or which have reached the end of their useful life.
29	R15122500	Trench Cut Fee Program	Street Maintenance	The trench cut fee program funds the Street Services Division's "fair share" portion of the utilities cost of mitigating the pavement damage caused by excavations and are used in conjunction with rehabilitation of streets where they were collected.
30	R15122700	Traffic Signal Equipment Upgrade Program	Street Maintenance	Ongoing replacement of signal controllers and light-emitting diodes (LED), and replacement and modification of traffic signals.
31	R15122800	Work Management System - Streets/Facilities Program	Street Maintenance	Procurement and implementation of a maintenance work management system.
32	R15123400	Street Light Relamp Program	Street Maintenance	Proactively relamp street lights that have reached the end of their useful life.
33	S15120500	Pedestrian Safety Program	Signals / Lighting / Traffic Control	Installation of pedestrian enhancements including marked crosswalks, countdown pedestrian signals, signalized pedestrian crossings, and associated improvements.
34	S15120700	Traffic Calming Program	Signals / Lighting / Traffic Control	Implementation of neighborhood traffic calming projects and speed lumps.
35	S15121000	Traffic Signs and Markings Program	Signals / Lighting / Traffic Control	Installation of new traffic signs and markings that are needed to enhance traffic control and safety, but are not related to maintenance.
36	T15120100	Transportation Programming Guide (TPG) Program	Street Improvements	Perform necessary engineering, field work, GIS analysis, and public outreach to prioritize infrastructure projects. Produce and publish 2012 TPG.
37	T15120600	Public Rights-of-Way Accessibility Program	Street Improvements	Upgrading, retrofitting, construction, and/or reconstruction of curb ramps, crosswalks, audible pedestrian signals, and/or other elements within the public rights-of-way.
38	T15122200	Bridge Maintenance Engineering Program	Street Improvements	Ongoing funding for engineering work required to investigate, scope, prioritize, and design repair and rehabilitation of bridges within the city.
39	T15122300	Bridge Rehabilitation Program	Street Improvements	Program provides funding to construct scheduled bridge maintenance and rehabilitation work on City-owned bridges.
40	T15128000	Major Street Improvements Program	Street Improvements	Funding for citywide major street projects, which include providing local matches for federal and state grant requirements.

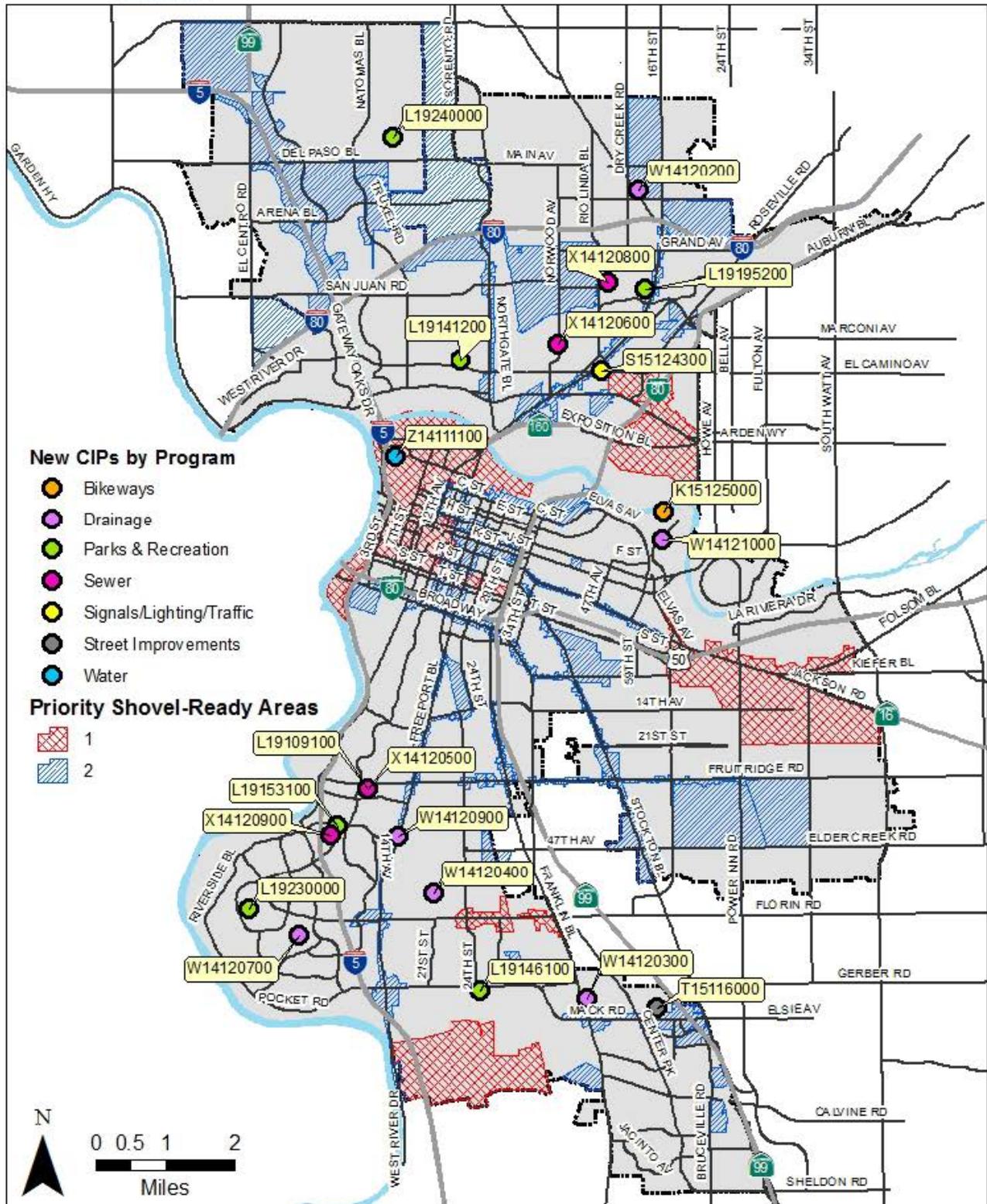
City of Sacramento
 FY 2011/16 Capital Improvement Program

	PROJECT #	PROJECT NAME	PROGRAM AREA	PROJECT DESCRIPTION
41	W14120100	GIS/CMMS Integration	Drainage	This project will create an application interface between the various information systems for utilities assets, such as the Geographic Information System (GIS), computerized maintenance management system (CMMS) and other information sources.
42	W14120500	Asset Management, Drainage	Drainage	Develop an asset management system for the drainage system. Project includes developing asset identifiers, trouble shooting the GIS mapping system, and assessing criticality for each asset in the system.
43	W14120600	Miscellaneous Ditch Repair	Drainage	Repair portions of various drainage ditches throughout the City.
44	W14120800	Drain Inlet Replacement	Drainage	Replace substandard drain inlets in various locations citywide.
45	X14120100	Root Control	Sewer	Contract to apply chemical to various sewer pipes citywide in order to control growth of tree roots that have entered sewer mains, causing blockages, sanitary sewer overflows, and impaired service.
46	X14120200	Flow Monitoring/Hydrology	Sewer	Install flow monitoring equipment to monitor and interpret flow quantities in the sewer system.
47	X14120300	Miscellaneous Sewer Repairs	Sewer	Contract to perform repairs on portions of sewer collection system that cannot be done by City crews.
48	X14120400	On-Call Sewer Pipe Cleaning & CCTV	Sewer	Contract to clean and inspect pipe using closed circuit television (CCTV) cameras under the direction of the Engineering Division.
49	X14120700	Sewer Rehabilitation, 2012	Sewer	Rehabilitate various sewer mains throughout the City by installing internal liners.
50	Z14120100	Water System Flowmeters	Water	Retrofit existing water storage tanks with flowmeters.
Sacramento Housing and Redevelopment Area Projects				
51	111000000	Del Paso Heights RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.
52	112000000	Alkali Flat RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.
53	112100000	Mack Road Improvements	Community	710 linear feet of median improvements.
54	113000000	Oak Park RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.
55	114000000	Franklin Boulevard RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.
56	115000000	Stockton Blvd RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.
57	116000000	Auburn Blvd RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.
58	117000000	Army Depot RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.
59	118000000	North Sacramento RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.
60	119000000	65th Street RDA Development Assistance Program	Community Improvements	The funds will be used for gap financing for commercial expansion, rehabilitation, or new construction.



Sacramento FY 2011-2016 CIP

New CIPs and Priority Shovel-Ready Areas

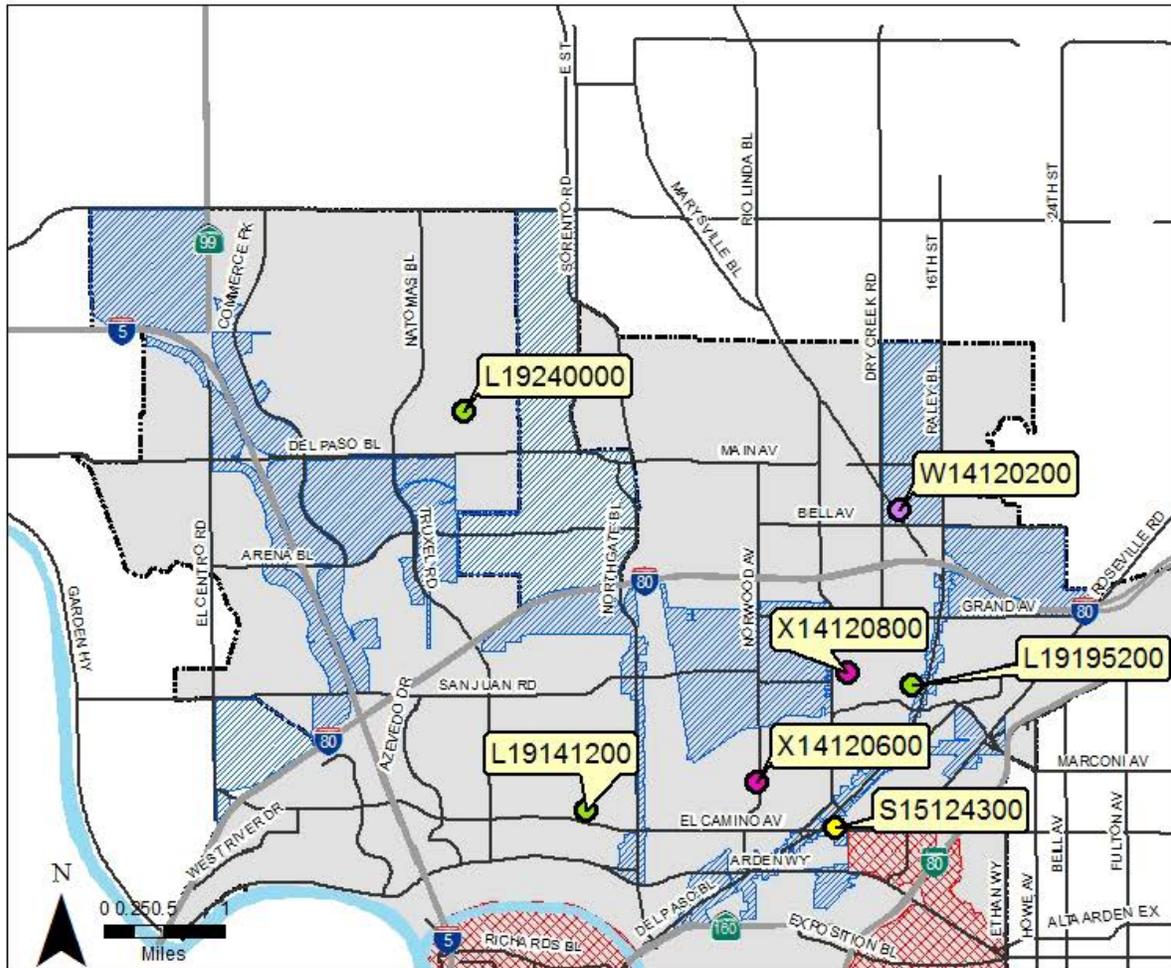




Sacramento FY 2011-2016 CIP

New CIPs and Priority Shovel-Ready Areas

NORTH AREA



New CIPs by Program

- Bikeways
- Drainage
- Parks & Recreation
- Sewer
- Signals/Lighting/Traffic
- Street Improvements
- Water

Priority Shovel-Ready Areas

- 1
- 2

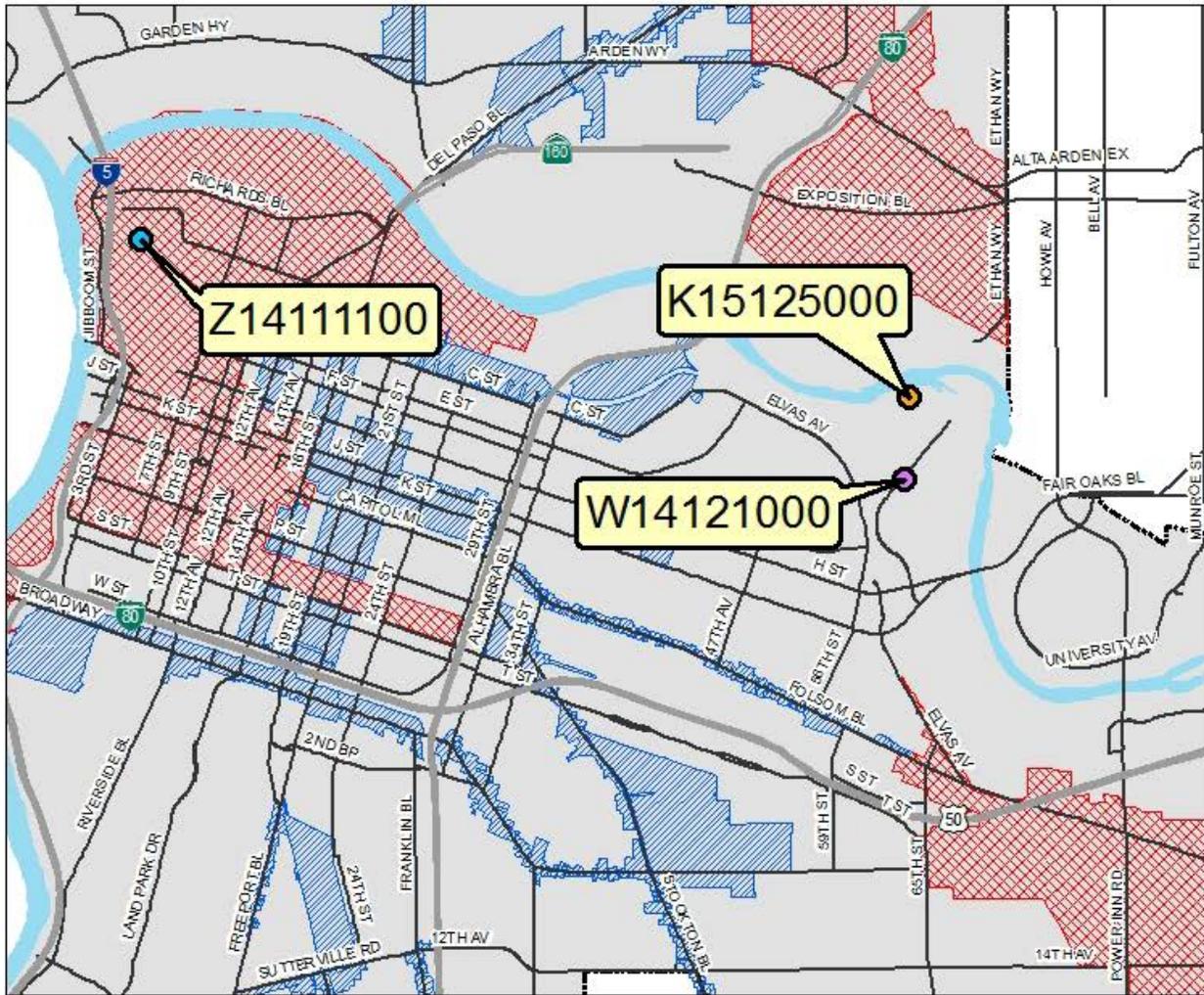
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W14120200	Firehouse Channel Improvements
X14120600	Lampasas Avenue Sewer Replacement and Rehabilitation
X14120800	Congress Avenue and Pipe Replacement



Sacramento FY 2011-2016 CIP

New CIPs and Priority Shovel-Ready Areas

CENTRAL AREA



New CIPs by Program

- Bikeways
- Drainage
- Parks & Recreation
- Sewer
- Signals/Lighting/Traffic
- Street Improvements
- Water

K15125000	Two Rivers Trail, Phase II
W14121000	River Park Drainage Rehab/ Replacement
Z14111100	Water Treatment Plant Roof Repairs

Priority Shovel-Ready Areas

- 1
- 2

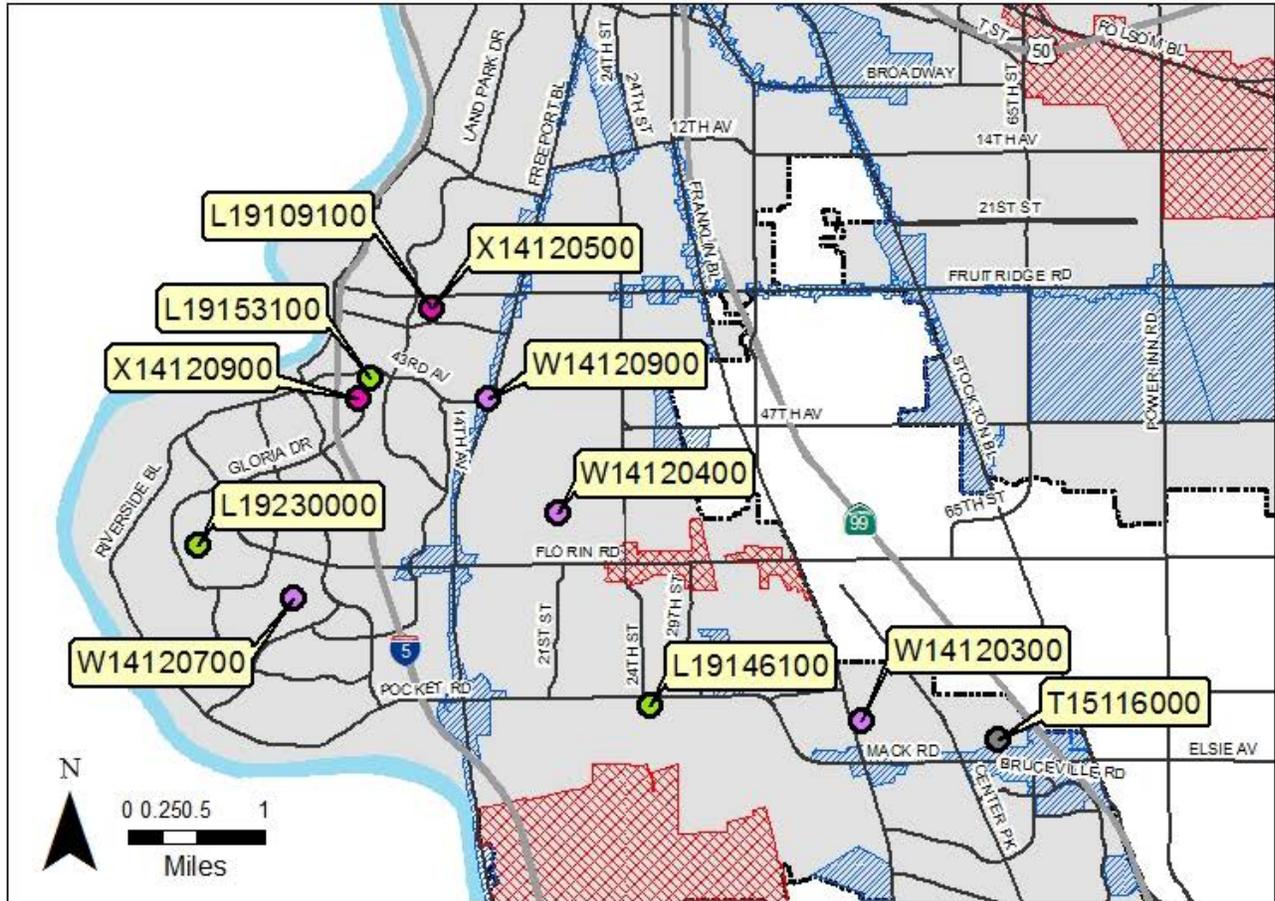




Sacramento FY 2011-2016 CIP

New CIPs and Priority Shovel-Ready Areas

SOUTH AREA



New CIPs by Program

- Bikeways
- Drainage
- Parks & Recreation
- Sewer
- Signals/Lighting/Traffic
- Street Improvements
- Water

Priority Shovel-Ready Areas

- ▨ 1
- ▨ 2

L19109100	Belle Cooledge Dog Park Improvements
L19146100	Pannel Community Center Park Landscape Conversion
L19153100	Reichmuth Park Improvements, Phase 2
L19230000	Dutra Park Improvements
T15116000	La Mancha Way Bridge Rehabilitation
W14120300	Boyce Drive Relief Pipeline
W14120400	Sump 22 Generator Connection Panel
W14120700	Pocket Canal Lining - Phase 4
W14120900	Exectutive Airport Ditch Culvert Replacement
X14120500	Brick Sewer Main Preservation
X14120900	Gloria Drive Pipe Replacement

ATTACHMENT 3

2030 General Plan FY 2011/16 CIP Consistency Analysis

APPROACH TO ANALYSIS

The analysis of the FY 2011/16 CIP consistency was guided by the 2030 General Plan's goals, policies and land use designations. Two key factors were used to gauge this consistency:

1. Support and enhancement of existing communities; and
2. Alignment with the Shovel-Ready Priority Areas which reflect the Opportunity Areas identified in the 2030 General Plan.

Existing Communities

During the development of the 2030 General Plan, the need to support existing communities was strongly expressed by community members, neighborhood groups, and the City Council. As a result, the 2030 General Plan provides for the protection, maintenance, and enhancement of Sacramento's existing residential neighborhoods, assuring that new development complements and reinforces their unique character through sensitive infill and transitions in scale from adjacent centers and corridors. Development in existing neighborhoods should also support complementary uses such as schools, parks, libraries, fire and police facilities, community centers, neighborhood-serving commercial, and public transportation facilities.

Priority Shovel-Ready Areas

The Shovel-Ready Sites Program was established in 2004 with the intent of encouraging economic development at key locations in the City. Specifically, the program goals are to:

- Make available sites to advance City's economic development objectives and opportunities;
- Foster public-private partnerships to achieve economic development goals; and
- Spur private investment in the City, especially by businesses.

The program works to address and provide solutions to infrastructure, transportation, planning, environmental and regulatory challenges. By preparing key sites for development, the City can help create new jobs and grow the City's sales and property tax base, thus increasing General Fund revenues.

In October 2009, the City Council identified Tier One and Tier Two Priority-Shovel Ready Areas which show the potential for near-term development based on the following criteria:

- Identification as an opportunity area in the new 2030 General Plan;
- Expected area of significant economic growth;
- Return on investment;
- Developer or market interest;
- Community support; and
- Land owner interest and participation.

Tier One opportunity areas identify where development is either more likely to occur in the near-term or has a greater potential for return on investment. Based on this analysis, the following Tier One areas were identified:

- Expanded Downtown Area (including the Central Business District, Railyards, River District, the Docks and waterfront area, and the R Street Corridor);
- 65th Street/University/Technology Village/Granite Park Area;
- Arden Fair/Cal Expo/Swanston Station/Point West Area;
- Florin Road Corridor Area; and
- Delta Shores.

Identifying these priority shovel-ready areas for city investment is important because concentrating resources in a few strategic areas increases the likelihood of success and the potential to generate new revenues and jobs in those areas.

CAPITAL IMPROVEMENT PROJECTS ANALYSIS

There are 60 newly created projects in the FY011/16 CIP. Of these, 21 are site-specific. Additionally, 29 are considered “programs” because they are not site-specific, but instead serve multiple areas. The remaining 10 projects are Sacramento and Housing Redevelopment Agency (SHRA) Projects and are not included in this analysis because they have already been approved during SHRA’s budget process which is based on the calendar year.

Staff has reviewed the new projects in the FY 2011/16 CIP, and has determined that they are consistent with the 2030 General Plan. The consistency review is provided below.

Parks and Recreation CIPs

Programs. There is one park program. It is for the review and analysis of existing conditions regarding accessibility to all City parks and recreation facilities.

Site-Specific Projects. There are seven site-specific park projects in the CIP. The scope of these projects include park rehabilitation, design and construction of sustainable features, and security improvements.

None of the projects are in a Tier One area. The capital improvement project at Hagginwood Park is along the Del Paso Blvd. corridor, which is in a Tier Two area.

Analysis. These parks projects serve existing communities, and are consistent with the 2030 General Plan because they are aligned with the Plan's goals and policies to provide safe and inviting parks to citizens and encourage the development of neighborhood amenities. The following 2030 General Plan goals and policies more specifically address this consistency finding:

Goal ERC 2.1: Integrated Parks and Recreation System. Provide an integrated system of parks, open space areas, and recreational facilities that are safe and connect the diverse communities of Sacramento.

- **Policy ERC 2.1.1** Complete System. The City shall develop and maintain a complete system of parks and open space areas throughout Sacramento that provide opportunities for both passive and active recreation.

Goal ERC 2.2: Parks, Community and Recreation Facilities and Services. Plan and develop parks, community and recreation facilities, and services that enhance community livability; improve public health and safety; are equitably distributed throughout the city; and are responsive to the needs and interests of residents, employees, and visitors.

Goal LU 4.1: Neighborhoods. Promote the development and preservation of neighborhoods that provide a variety of housing types, densities, and designs and a mix of uses and services that address the diverse needs of Sacramento residents of all ages, socio-economic groups, and abilities. .

- **Policy LU 4.1.2:** Neighborhood Amenities. The City shall encourage appropriately scaled community-supportive facilities and services within all neighborhoods to enhance neighborhood identity and provide convenient access within walking and biking distance of city residents.

Bikeways CIPs

Programs. The city has an on-going program for on-street bicycle facilities. Projects include adding bike lanes to existing streets. This program implements the Bikeways Master Plan by funding projects identified in the Transportation Programming Guide.

Site-Specific Projects. Phase II of the Two Rivers Trail is a Class One trail that will run from the south side of American River Parkway to H Street, near Sacramento State College. The FY 2011-2016 CIP includes a project to study the alignment, right-of-way requirements and construction cost of this project.

Analysis. Bikeways projects address several of the General Plan's goals and policies on sustainability because they encourage healthy lifestyles, recreation opportunities, and a reduced dependency on vehicles:

Goal M 1.2: Multimodal System. Provide expanded transportation choices to improve the ability to travel efficiently and safely to destinations throughout the city and region.

- **Policy M 1.2.1: Multimodal Choices.** The City shall promote development of an integrated, multi-modal transportation system that offers attractive choices among modes including pedestrianways, public transportation, roadways, bikeways, rail, waterways, and aviation and reduces air pollution and greenhouse gas emissions.

Goal 4.2: Complete Streets. Provide complete streets that balance the diverse needs of users of the public right-of-way.

- **Policy M 4.2.1: Adequate Rights-of-Way.** The City shall ensure that all new roadway projects and major reconstruction projects provide appropriate and adequate rights-of-way for all users including bicyclists, pedestrians, transit riders, and motorists except where pedestrians and bicyclists are prohibited by law from using a given facility.
- **Policy M 4.2.2: Pedestrian and Bicycle-Friendly Streets.** The City shall ensure that new streets in areas with high levels of pedestrian activity (e.g., employment centers, residential areas, mixed-use areas, schools) support pedestrian travel by providing such elements as detached sidewalks, frequent and safe pedestrian crossings, large medians to reduce perceived pedestrian crossing distances, Class II bike lanes, frontage roads with on-street parking, and/or grade-separated crossings.
- **Policy M 4.2.6: Identify Gaps in Complete Streets.** The City shall identify streets that can be "more complete" either through a reduction in the number or width of travel lanes or conversions, with consideration for emergency vehicle operation. The City shall consider new bikeways, enhanced sidewalks, on-street parking, and exclusive transit lanes on these streets.

Goal M 5.1: Integrated Bicycle System. Create and maintain a safe, comprehensive, and integrated bicycle system and support facilities throughout the city that encourage bicycling that is accessible to all.

- **Policy M 5.1.1: Bikeway Master Plan.** The City shall maintain and implement a Bikeway Master Plan that carries out the goals and policies of the General Plan. All new development shall be consistent with the applicable provisions of the Bikeway Master Plan.
- **Policy M 5.1.2: Appropriate Bikeway Facilities.** The City shall provide bikeway facilities that are appropriate to the street classifications and type, traffic volume, and speed on all right-of-ways.

Drainage, Sewer, and Water CIPs

Programs. There are ten utility programs for improvements to the City's drainage, sewer and water infrastructure. They include root control, installation of flow monitoring devices, rehabilitation of sewer main, and replacement or repair of drainage facilities.

Site-Specific Projects. There are eleven site-specific utility projects. Six were established to address maintenance of drainage facilities, include canal lining, channel realignment, culvert and pipe replacement, and the construction of a relief pipe; four projects address replacement of sewer pipes and a main; and one is to repair a roof at a water treatment plant.

Only the roof repair falls within the Tier One Shovel Ready Area, but it addresses maintenance of an existing facility and does not increase capacity for future development. Two drainage projects serve a Tier Two area: A channel realignment and enlargement in the Robla Area; and the replacement of a deteriorated corrugated metal culvert along Freepport Blvd.

Analysis. The utility programs and projects support primarily existing neighborhoods. They address issues of water quality, provision of services, and safety. The utility programs and projects in the FY 2011/16 CIP are consistent with the following 2030 General Plan goals and policies:

Goal U 1.1: High-Quality Infrastructure and Services. Provide and maintain efficient, high-quality public infrastructure facilities and services throughout the city.

- **Policy U 1.1.1: Provision of Adequate Utilities.** The City shall continue to provide and maintain adequate water, wastewater, and stormwater drainage utility services to areas in the city currently receiving these services from the City, and shall provide and maintain adequate water, wastewater, and stormwater drainage utility services to areas in the city that do not currently receive these City services upon funding and construction of the infrastructure necessary to provide these City services.

Goal U 3.1: Adequate and Reliable Sewer and Wastewater Facilities. Provide adequate and reliable sewer and wastewater facilities that collect, treat, and safely dispose of wastewater.

- **Policy U 3.1.1: Sufficient Service.** The City shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sanitary sewer flows and infiltration.

Transportation CIPs – Street Improvements and Signals/Lighting/Traffic

Programs. There are 16 programs that address street maintenance, pedestrian safety, and bridge repairs. The scope of the maintenance programs include replacing damaged or aged guardrails, providing overlays or seals to existing streets, and upgrading signal controllers. Safety-related programs include the installation of pedestrian enhancements, new traffic signals and markings, and the installation of elements within the public right-of-way such as curb ramps, crosswalks, and audible pedestrian signals.

Site-Specific Projects. The two site-specific transportation projects are a new traffic signal at El Camino Avenue and Boxwood Street, and the rehabilitation of the La Mancha Way Bridge over Elder Creek. Both of these projects serve Tier Two areas.

Analysis. The transportation projects in the CIP serve primarily existing neighborhoods, address public safety, and retain a high quality of existing infrastructure. They are consistent with the following General Plan goals and policies:

Goal M 1.1: Comprehensive Transportation System. Provide a transportation system that is effectively planned, managed, operated, and maintained.

- **Policy M 1.1.2: Travel System.** The City shall manage the travel system to ensure safe operating conditions.
- **Policy M 1.1.4: Facilities and Infrastructure.** The City shall effectively operate and maintain transportation facilities and infrastructure to preserve the quality of the system.

Goal M 2.1: Integrated Pedestrian System. Design a universally accessible, safe, convenient, and integrated pedestrian system that promotes walking.

- **Policy M 2.1.4: Cohesive Network.** The City shall develop a cohesive pedestrian network of public sidewalks and street crossings that makes walking a convenient and safe way to travel.
- **Policy M 2.1.9: Pedestrian Awareness Education.** The City shall develop partnerships with local organizations to develop education materials and promote pedestrian awareness.
- **Policy M 2.1.10: Safe Pedestrian Crossings.** The City shall improve pedestrian safety at intersections and mid-block locations by providing safe, well-marked

pedestrian crossings, bulb-outs, or median refuges that reduce crossing widths, and/or audio sound warnings.

- **Policy M 2.1.12: Safe Sidewalks.** The City shall develop safe and convenient pedestrianways that are universally accessible, adequately illuminated, and properly designed to reduce conflicts between motor vehicles and pedestrians.

Goal LU 4.1: Neighborhoods. Promote the development and preservation of neighborhoods that provide a variety of housing types, densities, and designs and a mix of uses and services that address the diverse needs of Sacramento residents of all ages, socio-economic groups, and abilities.

- **Policy LU 4.1.3: Walkable Neighborhoods.** The City shall require the design and development of neighborhoods that are pedestrian friendly and include features such as short blocks, broad and well-appointed sidewalks (e.g., lighting, landscaping, adequate width), tree-shaded streets, buildings that define and are oriented to adjacent streets and public spaces, limited driveway curb cuts, paseos and pedestrian lanes, alleys, traffic-calming features, convenient pedestrian street crossings, and access to transit.