

CHAPTER 3: ENGAGING THE COMMUNITY

Community members were able to rank livability criteria and thereby directly influence the scoring of the individual livability projects included in the Plan.

Engaging the community was central to this plan process. Two public workshops were held at Silverado Park in December 2014 and March 2015, with over 90 attendees at Workshop #1 and over 60 attendees at Workshop #2. The community was also invited to a public presentation of the draft Livable West Long Beach Plan at the City of Long Beach Planning Commission meeting in June 2015.

Community members were able to rank livability criteria and thereby directly influence the scoring of the individual livability projects included in the Plan, by voting on the priority criteria that the project should promote.

In addition to two Saturday Workshops, over 20 drop-in meetings were held with community and institutional stakeholders to raise awareness of the larger workshops, and to capture the 'pulse' of community's sentiment towards livability. The drop-ins were held with LBUSD school-related groups, and existing neighborhood groups within the first two months of the project process. Several drop-in meetings were also held to update the community on the Plan's progress and to promote participation in the Plan adoption and review process. A project website was also created, and materials were consistently updated. Prior to Workshop #1, 12,000 hard copies of flyers were sent home with LBUSD students in West Long Beach and subsequently, 12,015 materials were sent home with LBUSD students prior to Workshop #2.

Two meetings were also held with Port-related environmental justice groups.

Each Workshop and a summary of the regular stakeholder drop-ins are detailed in the pages that follow.

Community Workshop #1

The first Livable West Long Beach Workshop was held on Saturday, December 6th, 2014. The goal of the workshop was to rank the importance of several “livability criteria”, providing the project team with a refined set of project goals that were representative of the community’s own goals and priorities.

The project team began the workshop with a presentation that explained the project area, project process, and an overview of elements of livability. The presentation also included an introduction to three general “livability categories” along with their respective “livability criteria”. The three categories were Community/Safety/Access, Environment/Health, and Economy. Each category included several more-specific criteria.

Workshop participants were organized into activity groups to review and rank the livability criteria that were described during the presentation. Participants discussed the importance of each of the criteria, and shared why some were more important to them for enhancing the quality of life in West Long Beach. Each participant was given 6 stickers to use to rank the importance of each livability criteria listed. The results of this exercise are shown in Figures 3.1 and 3.2.

Based on community input from Workshop #1, the project team developed a ranked list of projects and programs gathered from existing plans and policies. The community’s input on the ranking of these projects and programs would be the primary goal of Workshop #2.

Figure 3.1 Livability Criteria Ranking

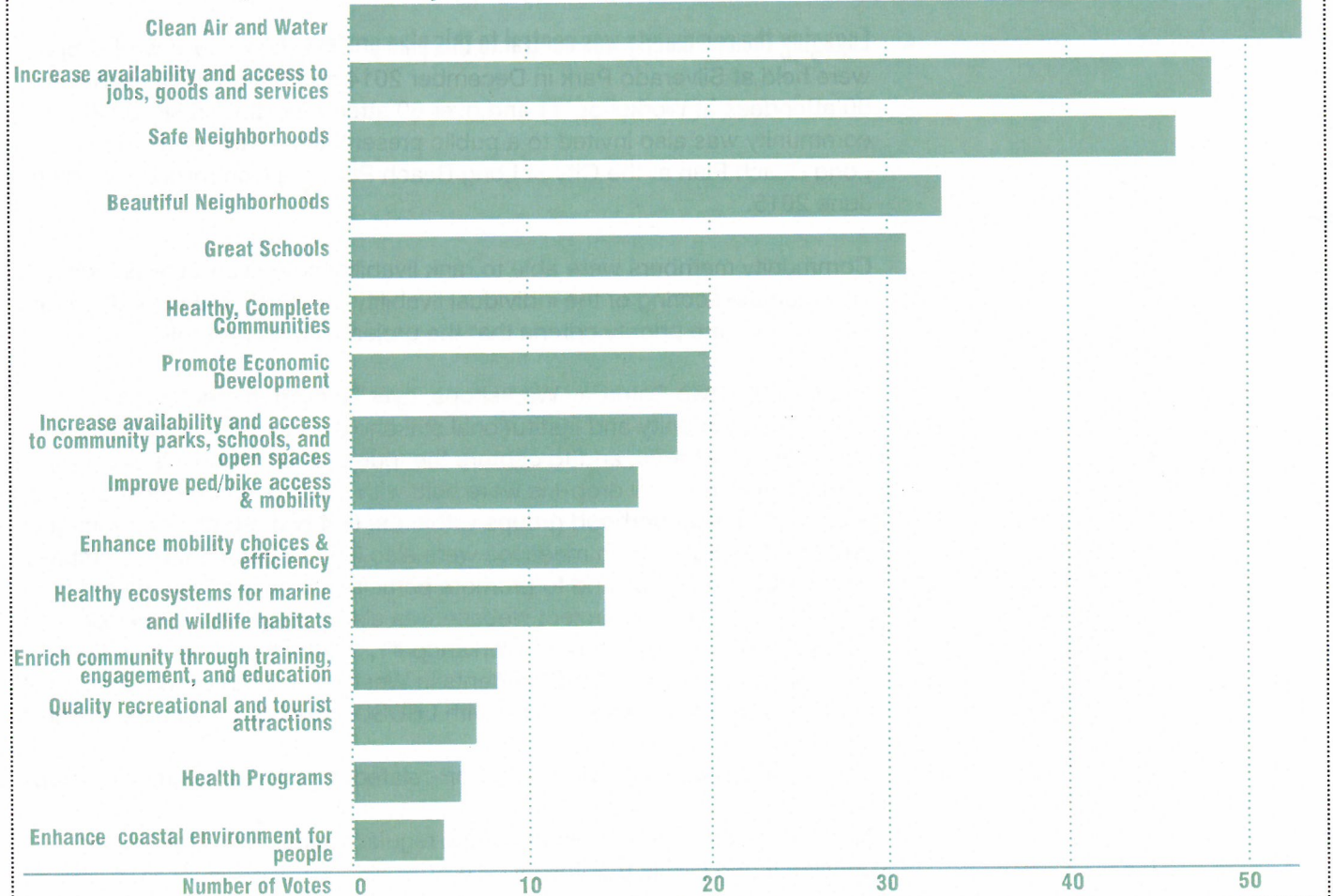


Figure 3.2



Community Workshop #2

Summary

The second Livable West Long Beach Workshop was held on Saturday, March 14th, 2014. The project team began with a presentation that explained the project process, and a brief overview of elements of livability. The presentation recapped the findings from Workshop #1, highlighting the community's "livability criteria" priorities identified in December.

Following the presentation, workshop participants were organized into activity groups to review the rankings of the project programs that were based on community input from Workshop #1. To facilitate this activity, facilitators referred to a list that showed the "Ranked Programs", shown to the right. Facilitators asked participants to respond to the ranked programs, and moderated a discussion regarding each program placement on the ranking list. Participants were allowed to re-rank their preferred programs and write their comments.

Key Findings

Following the workshop, the project team reviewed the community's responses. Community feedback during the workshop illuminated several key factors and additional ideas to consider. These included:

Storytelling

The community referenced a need to describe how the established overarching criteria (from Workshop #1) relate to the program list and requested more information to show clear connections between rankings from both workshops.

Synergy

Community members shared their desire to see synergies and connections between projects. Community members voiced that it would be helpful to see how the individual projects, independent of their program, may relate to one another, and how they might be able to work together to create a successful execution of 'livability' in the community.

Port Projects

Many community members identified the need to include projects that the Port's emissions grants have funded in West Long Beach in the past.

Health Programs

There was a general desire to see health programs moved up in priority. While many of the health programs are not geographically specific, participants wanted health programs to be a significant part of this planning effort.

Major Roadways

There was a general consensus to lower the ranking of the "Major Roadways" program.

The community's feedback and program re-ranking were key factors in the development of the three LiNC Strategies, which are presented in Chapter 4.

Figure 3.3

Rank	Program
1	Streetscapes
2	Bike & Pedestrian Improvements
3	Focus on Community
4	Safety/Security
5	Park Improvements & Expansions
6	Major Roadway Projects
7	Transit Improvements
8	Health Education & Activities
9	Health Services

Note: During Community Workshop #2, participants voiced that programs should not be ranked against one another. This feedback influenced the Plan strategy and removed program rankings, but maintained a ranking of individual projects within programs. More information is provided in Chapter 3.



Stakeholder Drop-Ins

In November, 2014, prior to Workshop #1, a number of meetings were held with existing stakeholder groups and neighborhood organizations.

At each stakeholder drop-in, information regarding the West Long Beach Livability Plan was shared, and residents were encouraged to ask questions and share concerns and desires for the project.

A number of common themes emerged at the Stakeholder Drop-Ins. The word cloud below depicts the popularity of some common themes and opinions heard at each of these meetings. The larger the word, the more frequently the theme was discussed.

Flyering and Notice

Both Workshop #1 and Workshop #2 were heavily flyered and noticed throughout the West Long Beach Neighborhood.

Prior to Workshop #1, 12,000 hard copies of flyers were sent home with LBUSD students in West Long Beach, notifying parents and youth about the project. Subsequently, an additional 12,015 flyers were distributed to students before Workshop #2 in March 2014.

Notices were also distributed to neighborhood and business stakeholder groups for forwarding to their members via email/facebook/website postings, and 124 notices were emailed to individuals.

Figure 3.4

Word Cloud Representing Common Themes Heard at Stakeholder Drop-Ins



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CHAPTER 4: LIVABLE NEIGHBORHOOD CONNECTIONS

The Livable West Long Beach Plan identifies, prioritizes, and strategizes the implementation of projects and programs that can improve the livability of West Long Beach neighborhood.

• The Livable West Long Beach Plan identifies, prioritizes, and strategizes the implementation of projects and programs that can improve the livability of West Long Beach neighborhood. Ten previously adopted City plans and policies were reviewed, and over seventy projects that enhance livability were identified. While each project has standing merit, results of the community input and project impact were evaluated and scored. The tool used to score these projects and programs is detailed further in this Chapter.

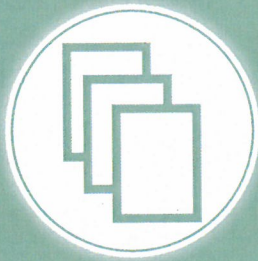
The Livable West Long Beach Plan also recommends a series of implementation strategies, focusing on projects that work together to improve access, economy, and the environment when they function as a group of projects or programs. These groups are identified as Livable Neighborhood Connections, (or LiNC Strategies), packages of projects that offer a roadmap for future funding or mitigation project selection.

In addition to these geo-specific projects, a number of programs and grant-related projects also span the Livable West Long Beach project area. These programs are also suggested for implementation in tandem with the projects that are geographically specified in each LiNC Strategy. Each LiNC Strategy fuels the other.

The Multiple Accounts Criteria (MAE) process was used to rank the livability factor of each identified program and project. Applying the MAE Tool to each project involved the identification of data and metrics that would allow projects to be scored and ranked.

Project Process

Step 1



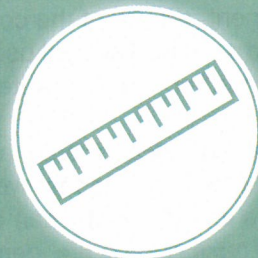
Identify Related Plans & Projects

Step 2



Review Projects with City Departments

Step 3



Rank and Measure Projects by Criteria

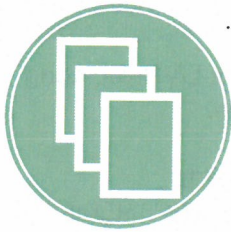
Step 4



Package Projects and Programs

Step 1: Identify Related Plans & Projects

Step 1 identifies a set of previously adopted community and other Plans in West Long Beach. As discussed in Chapter 1, the ten plans that were relevant to this effort were distilled into a set of goals. Using these goals, specific projects that reflected the elements of livability (as shown in the Livability Wheel - Figure 1.1) were lifted from these plans, livability criteria were extracted, and a master list of projects was created. Based on community input, the project types that have been included in the past by the Port of Long Beach Community Mitigation Grant program were also added to the project list.



Identify Existing Plans

Review of existing plan documentation and identification of goals of each of the plans. The following plans were consulted:

- » Long Beach Mobility Element Update
- » Long Beach Capital Improvement Plan
- » Long Beach Open Space & Recreation Element
- » Long Beach Housing Element
- » The Yards Plan
- » San Pedro Bay Ports Clean Air Action Plan (CAAP)
- » Port of Long Beach Green Port Policy
- » Long Beach RiverLink
- » 710 Community Livability Plan
- » Long Beach Healthy Communities Policy

Identify Project Criteria

Of the goals that were pulled from the plans listed above, special consideration was given to the elements of livability that each goal addressed. Groupings of criteria were created, and three overarching categories of livability rose to the top: Environment/Health, Economy, and Community/Safety/Access. See Figure 4.1.

Identify Existing Projects

Following the plans reviewed to establish criteria, only City adopted plans were reviewed to identify projects to be included in the Livable West Long Beach Plan. Of the adopted plans listed above, projects were lifted from the following:

- » Long Beach Mobility Element Update
- » Long Beach Capital Improvement Plan (2014-2015)
- » Long Beach Open Space and Recreation Element
- » Long Beach Housing Element
- » Long Beach RiverLink
- » I-710 Community Livability Plan
- » Long Beach Healthy Communities Policy



Project Criteria

The project criteria listed below reflect the definition of livability as is established in Chapter 1. Note: See the criteria and program matrix on pages 34-35 for a comparison of livability criteria and program types.

Community, Safety, and Access

Enrich Community through Training, Engagement & Education

- » Engage the community on environmental, health, economic development, and other livability programs.

Enhance Mobility Choices and Efficiency

- » Improve choices for safe and efficient transportation for all ages and abilities.
- » Improve existing traffic conditions, safer roads and intersections. Route Port truck traffic to appropriate roads and truck lanes.

Safe Neighborhoods

- » Reduce number of cars on neighborhood streets and truck traffic through neighborhoods.
- » Improve safety for bicycles and pedestrians.
- » Eliminate blight and reduce crime.
- » Increase neighborhood beautification programs and outdoor recreational activities.

Improve Pedestrian, Bicycle, and Mobility Access

- » Increase bicycle and pedestrian infrastructure.
- » Improve conditions for pedestrians and bicycles.
- » Improve access to bus stops and light rail stations.
- » Improve connectivity to schools through improved bicycle, pedestrian, transit, and motor vehicle access.

Increase Availability/Access to Community Parks, Schools, and Open Spaces

- » Increase parks and open space.
- » Connect recreation open spaces with greenway linkages.
- » Foster park stewardship by everyone in the community through recreation program services.
- » Fully utilize all recreational resources including those at public schools.

Environment & Health

Clean Air and Water

- » Improve air quality.
- » Improve the water quality of LA River, Long Beach Harbor and beaches.

Healthy Ecosystems for Marine and Wildlife Habitats

- » Protect, maintain and/or restore natural ecosystems, marine and wildlife habitats.
- » Preserve, clean and upgrade beaches and bluffs to promote natural habitats.

Enhance Coastal Environment for People

- » Improve the visual quality at the entry of the Port and within its boundaries.
- » Preserve, clean, and upgrade beaches and bluffs for people.

Healthy, Complete Communities

- » Increase range of housing options and mixed-use development.
- » Increase availability of healthy food.
- » Promote transit-oriented development near transit stops.

Health Programs

- » Increase access to programs and education aimed at people with or at risk for asthma and other chronic conditions influenced by environmental factors.
- » Increase education on the value of healthy food.

Economy

Great Schools

- » Improve facilities and environment for children, employees and families in the schools.

Beautiful Neighborhoods

- » Improve the quality of public infrastructure, parks, and facilities.
- » Enhance the physical environment, including the aesthetics of the LA River and the City beaches.

Quality Recreational and Tourist Attractions

- » Increase facilities and/or programs that attract people to West Long Beach.

Increase Availability and Access to Jobs, Goods, and Services

- » Improve connectivity to nearby jobs, goods and services through improved bicycle, pedestrian, transit and motor vehicle access.
- » Improve conditions for jobs, goods and services to locate within the study area.

Promote Economic Development

- » Programs and/or projects that increase development, jobs and/or income.



Identify Existing Projects

From the ten plans including the CIP, adopted projects were lifted and categorized by project type. A mix of projects were identified at this stage. Descriptions for each project listed below can be found on pages 40-45. Additional programs and policies considered are listed on the following page and discussed on pages 46 through 48.

Figure 4.1

STREETSCAPES

PROJECT NAME	ORIGIN
TI De-Freeway Project	Mobility Element
Santa Fe Avenue Streetscape	Mobility Element
Anaheim Streetscape / 710 Overpass	Livability Plan
Pacific Coast Highway Streetscape	Livability Plan
Willow Streetscape	Livability Plan
27th Street Alley Improvements	CIP 2015
Pacific Avenue Streetscape	Livability Plan
Wilmore City Courts and Ways	Mobility Element
Anaheim Streetscape (LA River to Long Beach Blvd)	Livability Plan & Riverlink
Anaheim Street River Connection	CIP 2015 & Highway Program

BICYCLE AND PEDESTRIAN IMPROVEMENTS

PROJECT NAME	ORIGIN
Santa Fe Avenue Bikeway	Mobility Element
Anaheim Street Bikeway	Mobility Element
Anaheim St. Bridge Sidewalk	CIP 2015
Willow St. Bridge Sidewalk	CIP 2015
Willow Street Class II Bikeway	Mobility Element
Shoemaker Ped/Bike Bridge	CIP 2015 & Livability Plan
Spring Street Ped/Bike Bridge	Mobility Element

PCH Bridge Sidewalk Widening	CIP 2015
PCH / 710 Overpass	Livability Plan
Hill Street Ped/Bike Bridge	CIP 2015 & Highway Program
Ocean Boulevard Bike Bridge	Mobility Element
Santa Fe Ave & 25th St Traffic & Ped Signals	CIP 2015
Hill Street Bike Boulevard	Mobility Element
Pacific Ave - Class II Bikeway (segment north of Willow Street)	Mobility Element
Daisy Avenue Bike Blvd (segment north of Willow Street)	Mobility Element
Wardlow Streetscape Improvements / 710 Overpass	Livability Plan
Spring Street Bikeway	Mobility Element & Livability Plan
Wardlow Streetscape Improvements / 405 Overpass	Livability Plan
Pacific Place Class I Bikeway	Mobility Element
Del Mar Greenbelt Ped/Bike Path	Mobility Element
San Antonio - Class II Bikeway	Livability Plan
Del Mar Walking Trail - Los Cerritos / River Connector	Livability Plan & Riverlink
Del Mar Bikeway Access	CIP 2015
Dominguez Gap and Ped/Bike Bridge	Mobility Element
Los Cerritos / Del Mar Pedestrian Bridge	Livability Plan & Riverlink
Pacific Ave - Class II Bikeway (segment south of Willow)	Livability Plan & Riverlink
Daisy Avenue Bike Boulevard (segment south of Willow)	Mobility Element

Long Beach Blvd. Class III Bikeway	Mobility Element
15th Street - Bike Boulevard	Mobility Element
Alamitos / Shoreline Dr. (Improved Access)	Mobility Element
Veteran's Park / Blue Line Bikeway	Livability Plan

PARK IMPROVEMENTS & EXPANSIONS

PROJECT NAME	ORIGIN
Drake Park Greenbelt and Improvements	CIP 2015, Livability Plan, and Riverlink
Tanaka Park Greenbelt and Park Expansion	Livability Plan
Silverado Park Improvements	CIP 2015 & Livability Plan
Del Mar Park	Livability Plan & Riverlink
Wrigley Heights Park Expansion and River Connector	Livability Plan & Riverlink
14th St Park Improvements and Expansion	Livability Plan

TRANSIT IMPROVEMENTS

PROJECT NAME	ORIGIN
Primary Transit Corridor - Pacific Coast Highway (Santa Fe Ave to Daisy Ave)	Mobility Element
Primary Transit Corridor - Pacific Coast Highway (Daisy Ave to Long Beach Blvd)	Mobility Element
Primary Transit Corridor - Willow Street	Mobility Element
Primary Transit Corridor - Long Beach Blvd (north of Willow Street)	Mobility Element
Primary Transit Corridor - Long Beach Blvd (south of Willow Street)	Mobility Element
Primary Transit Corridor - Broadway / Pacific Avenue	Mobility Element

Wardlow Blue Line Station Park and Ride	Mobility Element
Willow Blue Line Station Park and Ride	Mobility Element
Blue Line Transit Signal Priority & Upgrades	CIP 2015

MAJOR ROAD PROJECTS

PROJECT NAME	ORIGIN
I-710 Freeway Terminus Realignment	Mobility Element
Long Beach Blvd / Wardlow Rd and I-405 Ramps	Mobility Element

PROGRAMS

Safety/Security

- » Community Watch
- » Safe Routes to School (SRTS)

Focus on Community

- » Community Garden Program
- » Neighborhood Clean-Up Assistance Program
- » Urban Forestry Program

Health Services

- » Child Health Disability Prevention (CHDP)
- » Childhood Lead Poisoning Prevention Program (CLPPP)
- » Community Health Improvement Plan
- » Lead Hazard Control Program

Health and Education Activities

- » Asthma Life Skills Academy for Adults (ASLA)
- » Community Asthma & Air Quality Resource Education (CAARE)
- » Health Promotion and Wellness Program
- » Healthy Active Long Beach

Greenhouse Gas Emissions Reduction

- » Native and Drought Tolerant Planting
- » Urban Forest
- » Energy-efficient Outdoor Lighting
- » Solar Thermal Installation
- » Solar Electricity Generation
- » HVAC Upgrades and Boiler Replacement

Schools and Related Sites

- » Air Filtration System Upgrades and Filter Replacement
- » Landscaping
- » Windows and Doors Replacement

Health Care and Senior Facilities

- » Air Filtration System Upgrades and Filter Replacement
- » Mobile Health Clinics
- » Health Education and Outreach
- » Asthma Health Services
- » Health Worker Training

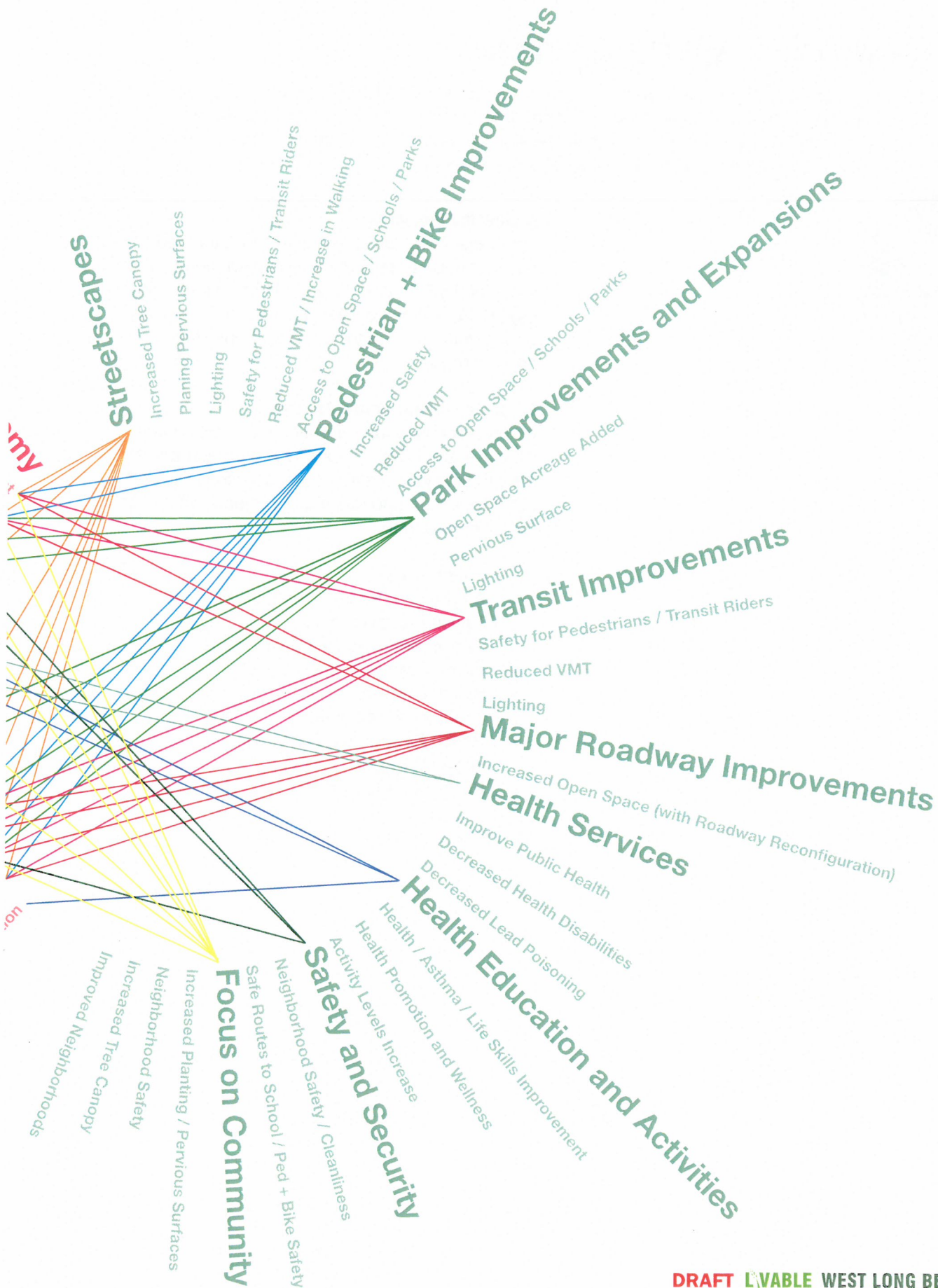
Connecting Programs and Criteria

During the Livability Plan development process, livability criteria were identified, based on plan goals, and then weighted or prioritized by the community. Identified livability projects were then scored, based on a judgment about their potential components and benefits. The graphic below depicts on the assumed components and benefits of the nine categories of projects that are included in the Plan, and shows their relationship to the Plan livability criteria.

- Criteria (see pages 28-29)
- Projects and Programs (see pages 30-31)

Figure 4.2





Step 2: Review Projects with City Departments

Projects that had been previously identified in the ten reference plans and policies were reviewed with City Staff. Duplicates and projects that had been funded or completed were removed from the list. Additional discussions were held with City departments including Development Services; Health and Human Services Development Services; Public Works; and Parks, Recreation and Marine.



Review the Project List

The project list was vetted with City Staff and relevant departments. Further explanation was provided by City Staff to provide more information regarding the level of livability that each executed project might create for the West Long Beach neighborhood.

Grouping Projects within Programs

As projects were further defined, the full project list was categorized by program type. Separating the projects into programs (listed below) allowed for comparison and ranking of projects within each identified program.

- » Streetscapes
- » Bicycle and Pedestrian Improvements
- » Transit Improvements
- » Park Improvements & Expansions
- » Major Road Projects
- » Safety/Security
- » Focus on Community
- » Health Programs & Education
- » Health Services
- » Port Grant Programs

Step 3: Measure Projects By Criteria

All of the projects that came out of Steps 2 and 3 were gathered in this step. The outcomes included: an unweighted ranking of all projects, a community weighted ranking of all projects, and a ranking of each program type (e.g. Streetscapes vs. Transit Improvements).



Establish Key Criteria 'Indicators'

Based on the livability criteria that was established in Step 1, key indicators of each criteria were established. For example, all Streetscape projects were ranked according to the following indicators:

Streetscape Ranking 'Indicators'

- » Population reached by project
- » Project connection to schools and senior centers, transit, parks
- » Rate of collisions (bicycle, pedestrian, and vehicular) within 1/2-mile of the project area
- » Level of safety/buffer of the proposed project
- » Type of improvement proposed
- » Size of project
- » Project proximity to the coast
- » Assessment of increased active transportation
- » Project aesthetic benefits
- » Employment accessibility

All identified criteria indicators are listed in the Technical Appendix.

Community Weighted Ranking

Once criteria indicators were established for each program, all projects were ranked within its respective program.

Based on input received at Workshop #1, the community scoring of each criteria established the final ranking of the projects. The most important criteria set by the community were weighted to achieve the final project scoring.

Step 3: Measure Projects By Criteria (Continued)

Ranking Analysis Example: Santa Fe Avenue Streetscape

The following steps identify a sample scoring methodology for streetscape projects. Each of these steps contributed to the calculation of a final score that ranks the potential livability benefits of each project.

1

Establish Population Reach of Project

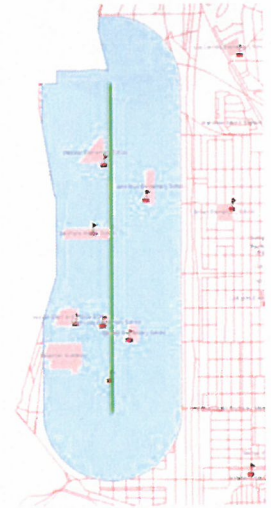
- » **27,699 people** served by the Santa Fe Avenue Streetscape project



2

Connections to Schools

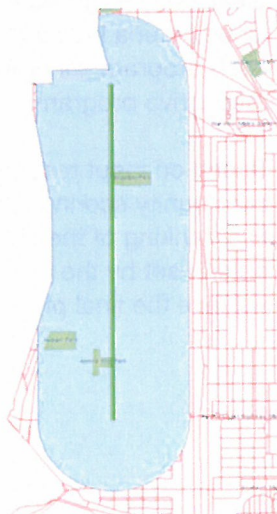
- » The Santa Fe Avenue Streetscape project will connect to **7 schools**



3

Connections to Existing Parks

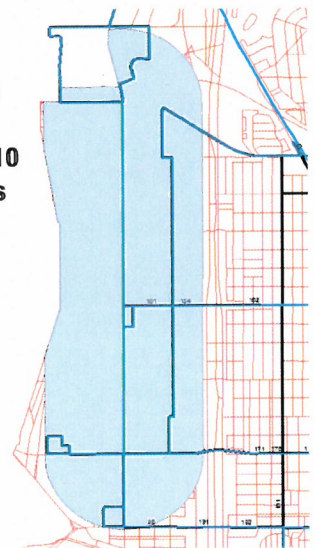
- » The Santa Fe Avenue Streetscape project will connect to **3 parks**



4

Connections to Transit Routes

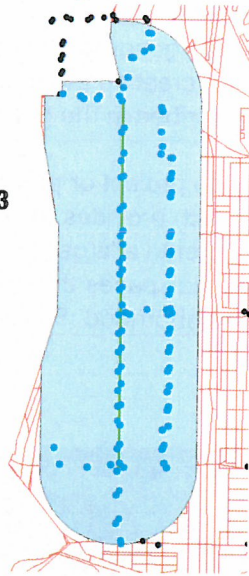
- » The Santa Fe Avenue Streetscape project will connect to **10 transit routes**



5

Connections to Bus Stops

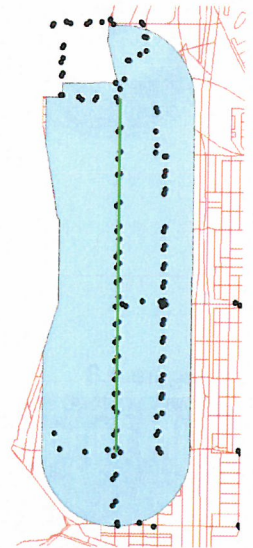
- » The Santa Fe Avenue Streetscape project will connect to **103 bus stops**



6

Connections to Light Rail Transit

- » The Santa Fe Avenue Streetscape project will connect to **0 light rail transit stops**



7

Additional Indicators Reviewed

- » Project opportunity for increased vegetation
- » Project opportunity for pervious paving
- » Rate of collisions (bicycle, pedestrian, and vehicular) within 1/2-mile of the project area
- » Project proximity to the coast
- » Project aesthetic benefits
- » Employment accessibility

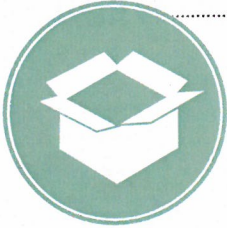
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Community Criteria Ranking

- » During Workshop #2, community members voted on top livability criteria to be considered for each project. Following the compilation and preliminary ranking of each project based on Steps 1-7, additional weight was given to each criteria in the order that they were ranked by the community. See page 20 for more information about the results of the community criteria ranking.

Step 4: Package Projects and Programs (The LiNC Strategy)

Following the identification and ranking of all previously adopted projects and programs, projects were mapped and geographically clustered to create a series of Livable Neighborhood Connection Strategies (also referred to as LiNC Strategies). Long streetscapes and corridors provide the backbone of these strategies, as they tie neighborhoods together and create a network of livable streets. The concept behind the LiNC Strategies is not that each project must be completed as a full package, but that individual projects may be prioritized as part of a larger network of livable streets and neighborhoods.



LiNC Strategies

Projects were grouped into zones based on location. Three geographic zones were established (Figure 4.4), creating the three LiNC Strategies that are described in the pages that follow.

Each project or program does not live in isolation – each provides the opportunity to work together to create a larger, livable network of streets and public spaces throughout the West Long Beach neighborhood (Figure 4.5).

Figure 4.3

LiNC Demographics <small>The three LiNC zones shown reflect the LiNC Strategies 1, 2, & 3. Specific demographics for each neighborhood area are described below.</small>			
	LiNC Strategy 1 Neighborhood	LiNC Strategy 2 Neighborhood	LiNC Strategy 3 Neighborhood
Population Estimate (2013)	30,272	33,798	54,195
Population (Actual - 2010)	19,129	24,277	42,069
Percentage of Households with Children	36%	34%	32%
Number of Accidents (2009-2014)	1,234 (45 pedestrian, 82 bike)	935 (47 pedestrian, 51 bike)	2,473 (148 pedestrian, 151 bike)
Number of Schools	5	8	8
Asthma Rates	629 ; 2%	618 ; 1.8%	903 ; 1.6%
CalEnviroScreen Score* Percentile Range	48 91-95%	40 76-80%	39 76-80%
Auto Availability Per Household	1,355 ; 4.4% HHs no vehicle 3,605 ; 11.9% HHs 1 vehicle	1,031 ; 3% HHs no vehicles 2,816 ; 8.3% HHs 1 vehicle	1,091 ; 2% HHs no vehicles 3,196 ; 5.9% HHs 1 vehicle
Number of Workers 16+ with No Vehicle	1,164 ; 3.8%	253 ; .07%	2,677 ; 4.9%
Percentage of Households Below Poverty Level	12%	11%	14%
Percentage of Seniors	9%	16%	6%
Number of Care Facilities	2	8	2

Figure 4.4
LiNC Zones

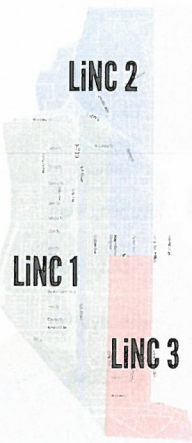
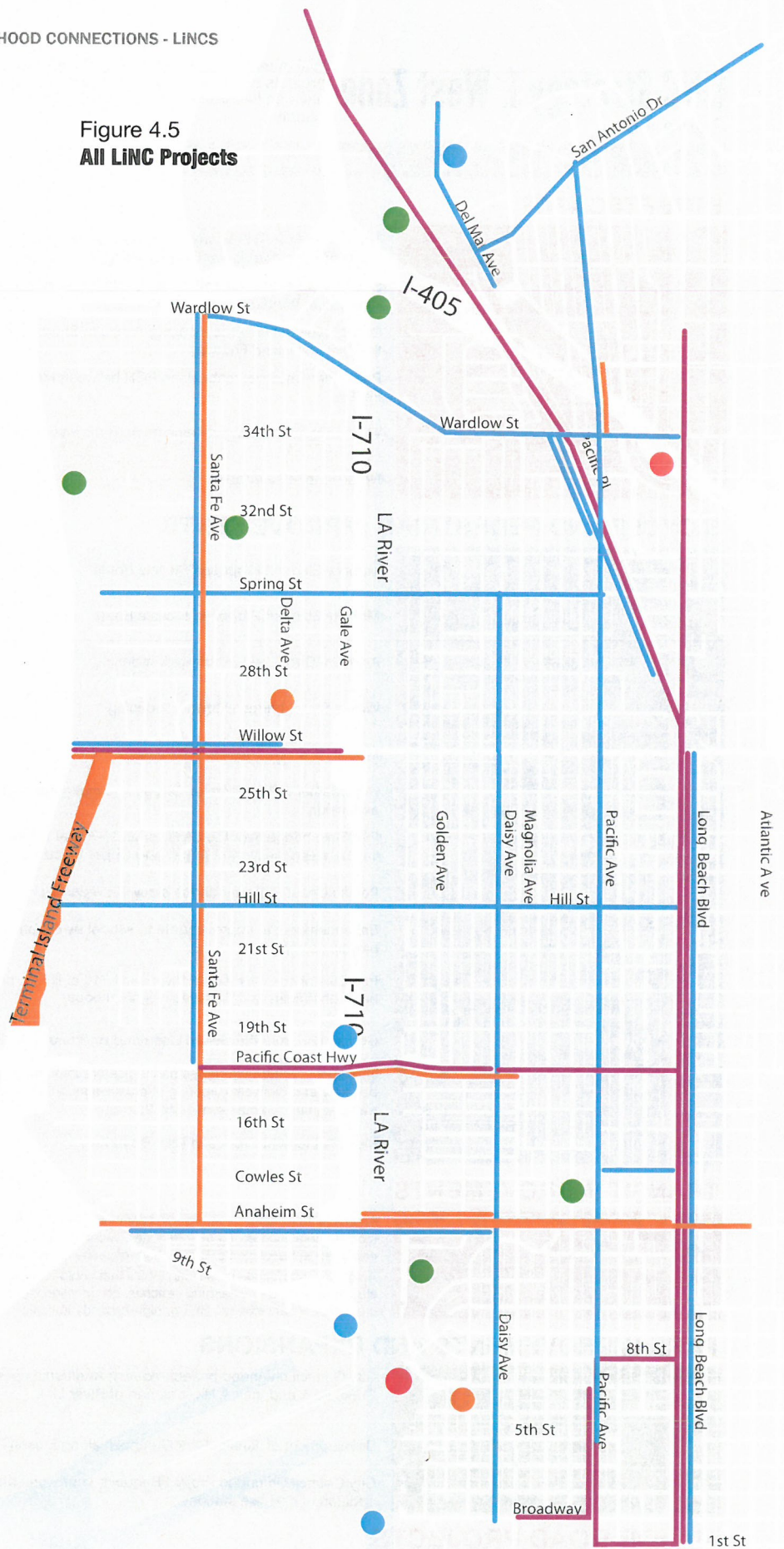


Figure 4.5
All LiNC Projects



Legend

- Streetscapes
- Bike/Ped Improvements
- Parks Improvements & Expansions
- Transit Improvements
- Major Road Improvements

LINC Strategy 1: West Zone

Figure 4.6

Within each project type, (e.g. Streetscapes, Bicycle and Pedestrian Improvements, etc.) projects are listed in ranked order. The higher the number, the more impact the project will have on livability in West Long Beach. Note: The project types are not listed in order of priority.

RANK	PROJECT	PROJECT DESCRIPTION	ORIGIN	BUDGET IN CIP
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STREETSCAPES

1	TI De-Freeway Project	Transition of the TI Freeway into a neighborhood scale, multi-modal transportation corridor with contributing public amenities	Mobility Element	\$20,000,000
2	Santa Fe Avenue Streetscape	Streetscape enhancements along Santa Fe Avenue from Pacific Coast Highway to Wardlow	Mobility Element	\$5,000,000
3	Anaheim Streetscape / 710 Overpass	Streetscape enhancements along Anaheim St from Atlantic Ave west to the Terminal Island Freeway	Livability Plan	
4	Pacific Coast Highway Streetscape	Pedestrian improvements along PCH between Magnolia Ave and Santa Fe Ave	Livability Plan	
5	Willow Streetscape	Willow Streetscape improvements from the western City border to I-710	Livability Plan	
6	27th Street Alley Improvements	No description available	CIP 2015	\$34,581

BICYCLE AND PEDESTRIAN IMPROVEMENTS

7	Santa Fe Avenue Bikeway	Mobility Element Proposed Bicycle Route	Mobility Element	
8	Anaheim Street Bikeway	Mobility Element Proposed Bicycle Route	Mobility Element	
9	Anaheim Street Bridge Sidewalk Widening	Anaheim Street bridge sidewalk widening	CIP 2015	\$8,300,000
10	Willow Street Bridge Sidewalk Widening	Willow Street bridge sidewalk widening	CIP 2015	\$8,300,000
11	Willow Street Class II Bikeway	Mobility Element Proposed Bikeway	Mobility Element	
12	Shoemaker Ped/Bike Bridge	Replacement of Shoemaker Bridge and realignment of Chavez Park for expansion	CIP 2015 & Livability Plan	\$90,000,000
13	Spring Street Ped/Bike Bridge	Ped/Bike bridge over the LA River and I-710 at Sprint St, providing a link between the North Wrigley and Upper Westside neighborhoods.	Mobility Element	
14	PCH Bridge Sidewalk Widening	Pacific Coast Highway bridge sidewalk widening	CIP 2015	\$8,300,000
15	PCH / 710 Overpass	Enhancements to improve route to school by enhancing pedestrian and bicycle safety	Livability Plan	
16	Hill Street Ped/Bike Bridge	Ped/Bike bridge over the LA River and I-710 at Hill St, providing a link between Wrigley and Westside neighborhoods.	Mobility Element & Livability Plan	
17	Ocean Boulevard Bike Bridge	Connection from the Gerald Desmond Bridge bike facility to downtown	Mobility Element	\$7,000,000
18	Santa Fe Ave & 25th Street Traffic & Pedestrian Signals	Implement countdown pedestrian indicators intersections, flashing beacons at crosswalks, lighting at crosswalks, and crosswalk sign. New traffic signal at Santa Fe Ave and 25th St	CIP 2015	\$6,468,935
19	Hill Street Bike Boulevard	Mobility Element Proposed Bike Boulevard	Mobility Element	

TRANSIT IMPROVEMENTS

20	Primary Transit Corridor - PCH (Santa Fe to Daisy)	Amenities to existing stops along PTC's that could include solar-powered bus stop shelters and freestanding benches, security lighting, trash receptacles and crosswalk enhancements. BRT or high-capacity transit service is anticipated.	Mobility Element	\$5,000,000 (all PTC improvements)
21	Primary Transit Corridor - Willow	Amenities to existing stops along PTC's that could include solar-powered bus stop shelters and freestanding benches, security lighting, trash receptacles and crosswalk enhancements. BRT or high-capacity transit service is anticipated.	Mobility Element	\$5,000,000 (all PTC improvements)

PARK IMPROVEMENTS AND EXPANSIONS

22	Drake Park Greenbelt and Improvements	City Council unfunded project request; Additional open space between Drake Park and the LA River as part of River Link	CIP, Livability Plan, and Riverlink	\$39,000,000
23	Tanaka Park Greenbelt and Park Expansion	Development of Tanaka Park Greenbelt along Edison ROW	Livability Plan	
24	Silverado Park Improvements	City Council Unfunded Project Request; Improvements including addition of exercise stations	CIP 2015 & Livability Plan	\$1,340,000

MAJOR ROAD PROJECTS

25	I-710 Freeway Terminus Realignment	Realignment of Shoreline Drive to expand Cesar Chavez Park and off-ramp changes to Broadway, 3rd, 6th, and 7th Streets. This project also includes bike and pedestrian access across the Los Angeles River.	Mobility Element	\$80,000,000
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LiNC Strategy 1 Description

LiNC Strategy 1, (also referred to as the West Zone) is bound generally by the City of Long Beach boundary to the west, the I-405 freeway to the north, Daisy Avenue to the east, and Anaheim Street to the south. This neighborhood experiences close proximity to industrial uses and Port-related activities.

LiNC Strategy 1 includes 6 streetscape projects that provide continuous impact across the entire expanse of the zone. The TI De-Freeway project is first on the list, as it proposes a mile-long enhanced streetscape and park with bicycle/pedestrian improvements and connections. Several bicycle improvements are also included, incorporating a series of east-west connectors to facilitate movement from the west across the LA River, which has historically been viewed as a barrier on the eastside of the neighborhood.

Projects/Programs

Additional projects and programs that should be funded concurrent with the projects in LiNC Strategy 1 can be found on pages 48-50.

Legend

- Streetscapes
- Bike/Ped Improvements
- Parks Improvements/Expansions
- Transit Improvements
- Major Road Improvements
- LiNC 2 & 3 projects are shown in muted colors for reference

Figure 4.7



LINC Strategy 2: North Zone

Figure 4.8

Within each project type, (e.g. Streetscapes, Bicycle and Pedestrian Improvements, etc.) projects are listed in ranked order. The higher the number, the more impact the project will have on livability in West Long Beach. Note: The project types are not listed in order of priority.

RANK	PROJECT	PROJECT DESCRIPTION	ORIGIN	BUDGET IN CIP
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STREETSCAPES

1	Pacific Avenue Streetscape	Pedestrian and streetscape enhancements on Pacific Ave from Country Club Dr south to Wardlow Rd, including underpass improvements, lighting, trees, and signal at Pacific, to enhance Metro Station pedestrian access	Livability Plan	\$20,000,000
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BICYCLE AND PEDESTRIAN IMPROVEMENTS

2	Pacific Avenue Class II Bikeway (segment north of Willow Street)	Class II bikeway along Pacific St (between Willow Ave and San Antonio Dr)	Mobility Element	
3	Daisy Avenue Bike Blvd (segment north of Willow Street)	Bike Blvd. proposed from Spring to Willow	Mobility Element	
4	Wardlow Streetscape Improvements / 710 Overpass	Pedestrian and streetscape enhancements to Wardlow St. from Long Beach Blvd to Santa Fe (lighting, trees, etc.)	Livability Plan	
5	Spring Street Bikeway	Mobility Element Proposed Bikeway	Mobility Element & Livability Plan	
6	Wardlow Streetscape Improvements / 405 Overpass	Improvements to increase pedestrian safety along Wardlow, including the 405 underpass	Livability Plan	
7	Pacific Place Class I Bikeway	Mobility Element Proposed Bikeway	Mobility Element	
8	Del Mar Greenbelt Ped/Bike Path	Design and construct greenway along Blue Line public right-of-way between Metro Willow and Wardlow Stations including walking and biking paths.	Mobility Element	\$3,500,000
9	San Antonio Drive Class II Bikeway	Construction of class II bikeway along San Antonio from Pacific to Atlantic	Livability Plan	
10	Del Mar Walking Trail - Los Cerritos / River Connector	Improvements to existing path and green space that extends from Los Cerritos Park north to the Dominguez Gap wetlands to allow ADA access, and to provide long-term additional maintenance of and access to the connector.	Livability Plan & Riverlink	
11	Del Mar Bikeway Access	Design, construct, implement projects and programs to enhance the safety and viability of bicycle and pedestrian routes. Del Mar Bikeway access from L.A. River to 4600 Del Mar Avenue between L.A. River Trail.	CIP 2015	\$10,462,799
12	Dominguez Gap and Ped/Bike Bridge	New ped/bike bridge over the Los Angeles River to connect the LA River Bike Path to the Compton Creek Bike Path to minimize the use of Del Amo Boulevard as the only route over the Creek	Mobility Element	\$7,000,000.00
13	Los Cerritos / Del Mar Pedestrian Bridge	Improvements to existing pedestrian bridge near Los Cerritos Elementary	Livability Plan & Riverlink	

TRANSIT IMPROVEMENTS

14	Primary Transit Corridor - Long Beach Blvd (north of Willow St)	Amenities to existing stops along PTC's that could include solar-powered bus stop shelters and freestanding benches, security lighting, trash receptacles and crosswalk enhancements. BRT or high-capacity transit service is anticipated.	Mobility Element	\$5,000,000 for all PTC Improvements
15	Wardlow Blue Line Station Park and Ride	Develop increased vehicle capacity at Metro Blue Line stations park and ride facility to encourage ridesharing, transit use and multi-modal connectivity.	Mobility Element	\$10,000,000 (both Willow/Wardlow)
16	Willow Blue Line Station Park and Ride	Develop increased vehicle capacity at Metro Blue Line stations park and ride facility to encourage ridesharing, transit use and multi-modal connectivity.	Mobility Element	\$10,000,000 (both Willow/Wardlow)

PARK IMPROVEMENTS AND EXPANSIONS

17	Del Mar Park	Development of new park per River Link plan	Livability Plan & Riverlink	
18	Wrigley Heights Park Expansion and River Connector	Expansion of Wrigley Heights park south of 405 as part of River Link; Potential City agreement with LA County to acquire land along the LA River	Livability Plan & Riverlink	

MAJOR ROAD PROJECTS

19	Long Beach Blvd / Wardlow Rd and I-405 Ramps	This project includes ramp reconfiguration to improve connections to Long Beach Boulevard and reduce congestion at Pacific and Wardlow.	Mobility Element	\$5,000,000
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LiNC Strategy 2 Description

LiNC Strategy 2, (also referred to as the North Zone) is bound generally by the City of Long Beach boundary to the west, Del Amo Boulevard to the north, Long Beach Boulevard to the east, and Willow Street to the south. This neighborhood is separated by the I-405 freeway into distinct communities: Upper Westside, Wrigley Heights, Los Cerritos, and Bixby Knolls.

Improving crossings and access around the I-405 freeway will encourage active transportation and provide connections for bicyclists, pedestrians, and transit users alike.

New parks and expansions are also a part of this plan, incorporating open space and access along the LA River as it crosses the I-405.

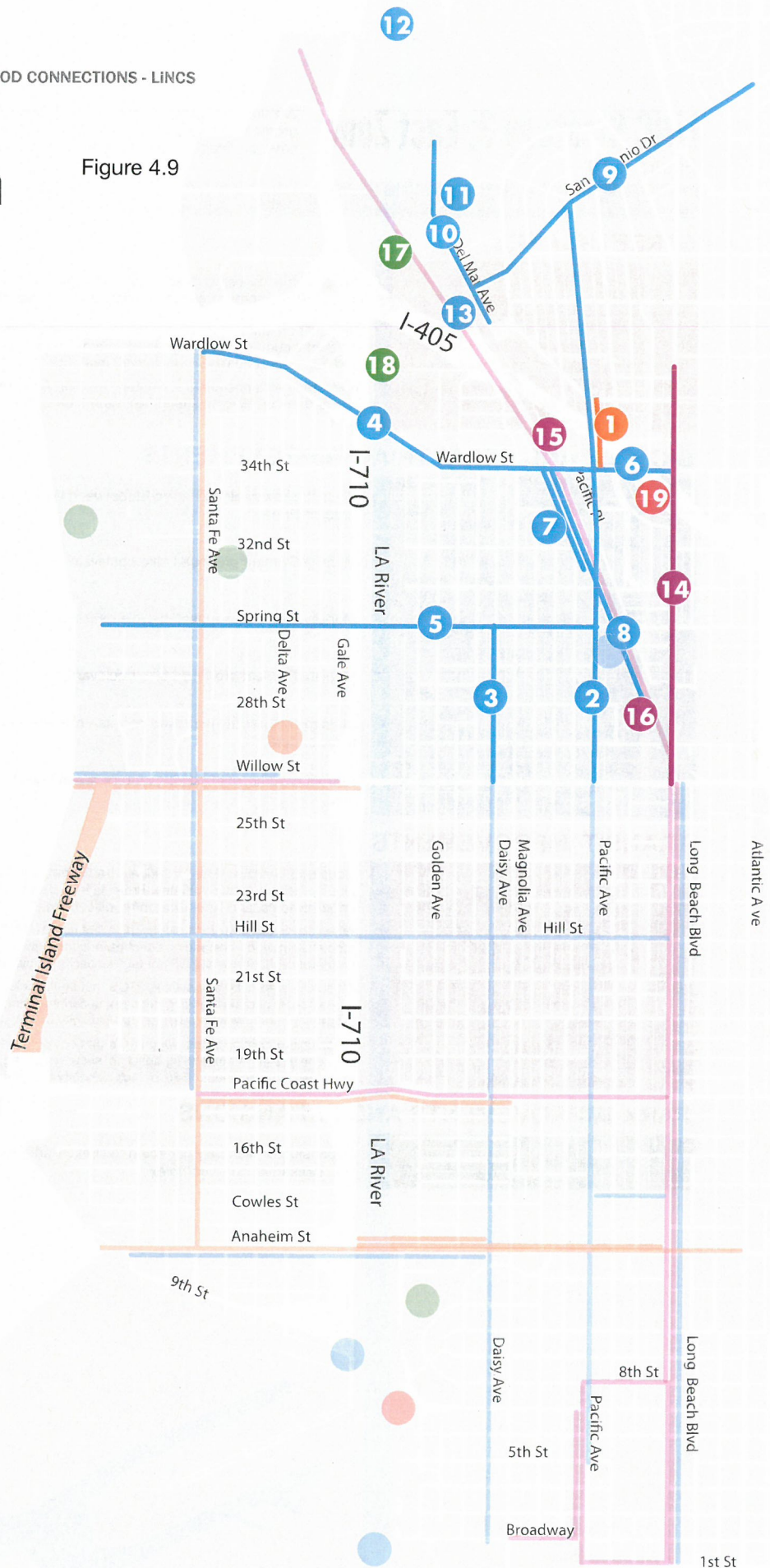
Projects/Programs

Additional projects and programs that should be funded concurrent with the projects in LiNC Strategy 2 can be found on pages 48-50.

Legend

- Streetscapes
- Bike/Ped Improvements
- Parks Improvements/Expansions
- Transit Improvements
- Major Road Improvements
- LiNC 1 & 3 projects are shown in muted colors for reference

Figure 4.9



LiNC Strategy 3: East Zone

Figure 4.10

Within each project type, (e.g. Streetscapes, Bicycle and Pedestrian Improvements, etc.) projects are listed in ranked order. The higher the number, the more impact the project will have on livability in West Long Beach. Note: The project types are not listed in order of priority.

RANK	PROJECT	PROJECT DESCRIPTION	ORIGIN	BUDGET IN CIP
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STREETSCAPES

1	Wilmore City Courts and Ways	Pedestrian enhancements and sustainable practice for Wilmore City Courts and Ways to improve pedestrian safety and connectivity	Mobility Element	\$2,000,000
2	Anaheim Streetscape (LA River to Long Beach Blvd)	Reconstruct and resurface City streets to extend their useful life, provide incidental curb, gutter and sidewalk improvements, construct curb ramps and bus pads, and replace pavement markings	CIP & Highway Program	
3	Anaheim Street River Connection	Pedestrian enhancements to frontage road off Anaheim St between Daisy Ave and the LA River to strengthen the link between 14th St Park and River Link	Livability Plan & Riverlink	

BICYCLE AND PEDESTRIAN IMPROVEMENTS

4	Pacific Avenue Class II Bikeway (segment south of Willow)	Class II bikeway along Pacific St (between Willow Street and San Antonio Drive)	Livability Plan & Riverlink	
5	Daisy Avenue Bike Boulevard (segment south of Willow)	Mobility Element proposed bike boulevard	Mobility Element	
6	Long Beach Boulevard Class III Bikeway	Mobility Element proposed bicycle route from Willow to 1st	Mobility Element	
7	15th Street - Bike Boulevard	Mobility Element proposed bike boulevard	Mobility Element	
8	Alamitos / Shoreline Dr. (Improved Access)	Alamitos / Shoreline improved access - mobility element proposed bicycle route	Mobility Element	
9	Veteran's Park / Blue Line Bikeway	Retrofit or removal of parking strip between Veteran's Park and the Blue Line	Livability Plan	

TRANSIT IMPROVEMENTS

10	Blue Line Transit Signal Priority & Upgrades	Construct improvements to mitigate traffic impacts due to development and increase in traffic volumes. Projects include corridor studies, modal improvements, and lane addition/modifications.	CIP 2015	\$2,778,190
11	Primary Transit Corridor - Long Beach Blvd (south of Willow St)	Amenities to existing stops along PTC's that could include solar-powered bus stop shelters and freestanding benches, security lighting, trash receptacles and crosswalk enhancements. BRT or high-capacity transit service is anticipated.	Mobility Element	\$5,000,000 (all PTC Improvements)
12	Primary Transit Corridor - Broadway/Pacific	Amenities to existing stops along PTC's that could include solar-powered bus stop shelters and freestanding benches, security lighting, trash receptacles and crosswalk enhancements. BRT or high-capacity transit service is anticipated.	Mobility Element	\$5,000,000 (all PTC Improvements)
13	Primary Transit Corridor - PCH (Daisy Ave to Long Beach Blvd)	Amenities to existing stops along PTC's that could include solar-powered bus stop shelters and freestanding benches, security lighting, trash receptacles and crosswalk enhancements. BRT or high-capacity transit service is anticipated.	Mobility Element	\$5,000,000 (all PTC Improvements)

PARK IMPROVEMENTS AND EXPANSIONS

14	14th St Park Improvements and Expansion	Expansion of 14th St. Park south to Drake Park expansion; skate park and basketball court complex	Livability Plan	
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LiNC Strategy 3 Description

LiNC Strategy 3, (also referred to as the East Zone) is bound generally by the LA River to the west, Willow Street to the north, Long Beach Boulevard to the east, and 1st Street to the south. This neighborhood is separated by the I-405 freeway into distinct communities: Downtown and Wrigley Heights.

In comparison to LiNC Strategy 1 and 2, this area is home to the largest neighborhood population, and is anchored by a strong north/south light rail transit line. The focus of LiNC Strategy 3 is to create strong parallel north/south connections, providing active transportation options and opportunities for residents living north of Downtown. Additionally, building off of priorities for LiNC Strategy 1, key cross connections over the LA River will enhance multi-modal access to the west of the river.

Projects/Programs

Additional projects and programs that should be funded concurrent with the projects in LiNC Strategy 3 can be found on pages 48-50.

Legend

- Streetscapes
- Bike/Ped Improvements
- Parks Improvements/Expansions
- Transit Improvements
- Major Road Improvements
- LiNC 1 & 2 projects are shown in muted colors for reference

Figure 4.11



LiNC Strategies 1-3: Programs Relevant to All Zones

In addition to geographic-based projects as reflected in each of the LiNC Strategies, a number of safety, community, health, and port-related programs should be funded and implemented concurrently with each of the LiNC Strategies. The following suite of programs reflects efforts that may be already underway in particular locations, but that would still benefit from additional resources and funding. Additionally, the Port projects shown reflect programs that have been previously awarded grant funding, but that may be expanded through this effort.

Figure 4.12

SAFETY/SECURITY

PROGRAM	PROGRAM DESCRIPTION	ORIGIN
Community Watch	Community Watch is a crime prevention program that involves individual groups working with the police to reduce crime. Crime prevention resources are available online regarding current crime trends, crime prevention, and safety techniques. Community Watch encourages participants to keep a watchful eye, not only on the block where they live but the community as a whole, and report suspicious and potential criminal behavior. Community Watch begins with a block approach and expands to include others in the surrounding area and scope of influence. Participants are encouraged to reach out to businesses, nearby schools, and non-profit organizations to get to know each other and communicate.	Healthy Communities Policy
Safe Routes to School (SRTS)	Safe Routes to School (SRTS) programs are sustained efforts by parents, schools, community leaders and local, state, and federal governments to improve the health and well-being of children by enabling and encouraging them to walk and bicycle to school. In Long Beach, bike and pedestrian safety education and bike rodeos are provided at all elementary and middle schools in Long Beach and in the community. SRTS programs also examine conditions around schools and conduct projects and activities that work to improve safety and accessibility, and reduce traffic and air pollution in the vicinity of schools. As a result, these programs help make bicycling and walking to school safer and more appealing transportation choices, thus encouraging a healthy and active lifestyle from an early age.	Healthy Communities Policy

FOCUS ON COMMUNITY

PROGRAM NAME	PROGRAM DESCRIPTION	ORIGIN
Community Garden Program	Community gardens can grow anything from flowers to vegetables. They provide access to fresh foods, promote social interaction, encourage healthy living, cultural awareness, provide sustainable land uses, and strengthen community bonds. The gardens also create therapeutic and recreational opportunities as well as provide food for the hungry. The City of Long Beach encourages community gardening in an effort to raise environmental awareness, providing an opportunity for community education and encourage a healthy, sustainable community.	Healthy Communities Policy
Neighborhood Clean-Up Assistance Program	The Neighborhood Clean-Up Assistance Program provides materials and supplies to community organizations and volunteer groups to clean up their neighborhoods. Activities can include graffiti paint-out, alley clean-up, or trash and weed removal from vacant lots. The City provides the paint, materials, tools, and even a dumpster to help facilitate clean-up projects.	Healthy Communities Policy
Urban Forestry Program	The City of Long Beach Forestry Program is a collaborative effort between neighborhood associations, community groups, the Conservation Corps of Long Beach and the Neighborhood Services Bureau to plant trees in Long Beach neighborhoods. The Neighborhood Services Bureau partners with interested neighborhood and community groups to apply for funding, utilizing Federal Community Development Block Grant (CDBG) funds as a required match. As a result, almost 10,000 trees have been planted in the neighborhoods of Long Beach. Trees must be selected from State and local established lists of non-root invasive, drought tolerant trees. The areas to be planted must be in City approved parkways (not private property). Plantings usually are scheduled in early spring and continue to late fall.	Healthy Communities Policy

HEALTH SERVICES

PROGRAM	PROGRAM DESCRIPTION	ORIGIN
Child Health Disability Prevention (CHDP)	The Child Health and Disability Prevention (CHDP) Program is a preventive well-child screening program for low-income children under 21 years of age. The goal of the CHDP Program is the early detection and prevention of disease and disabilities in children and youth as well as ongoing health care. The Health and Human Services Department administers the CHDP program in Long Beach through resource and provider development to ensure that high quality services are delivered and available to eligible children/youth. The program informs the target populations to increase their participation, community agencies, and residents to increase the knowledge and acceptance of preventive services.	Healthy Communities Policy
Childhood Lead Poisoning Prevention Program (CLPPP)	The Childhood Lead Poisoning Prevention Program (CLPPP) is a state-funded program dedicated to lead poisoning prevention through health education and advocacy for timely lead screenings for children in our community. The two main components of the CLPPP are case management, and education and outreach. Public Health Nurses provide case management for children with elevated blood lead levels who have been referred to the program. Services include: development of an individual service plan, lead exposure prevention and nutrition education, referral to a Registered Environmental Health Specialist (REHS) in the Health Department's Environmental Health Bureau, and collaboration with the primary health care provider.	Healthy Communities Policy
Community Health Improvement Plan	Included in Healthy Communities Policy (HCP)	Healthy Communities Policy
Lead Hazard Control Program	Much of the housing stock in Long Beach was built prior to 1978 and contains lead-based paint. Lead from paint, including lead contaminated dust, is one of the most common causes of lead poisoning in children. The Lead Hazard Control Program strives to eliminate lead-based paint hazards, especially in low-income housing units. Lead hazard control activities include interior and exterior painting, window and door replacement, cleaning, and other renovations. The Program also addresses additional safety and health-related repairs like fixing trip-and-fall hazards, removing mold, and repairing holes in floors and walls.	Healthy Communities Policy

HEALTH EDUCATION AND ACTIVITIES

PROGRAM NAME	PROGRAM DESCRIPTION	ORIGIN
Asthma Life Skills Academy for Adults (ALSAA)	Air pollution in Long Beach exacerbates the symptoms of many residents with asthma and leads to more than one in five persons having poorly controlled asthma. Poorly controlled asthma leads to decreased quality of life. The Asthma Life Skills Academy for Adults (ALSAA) Program assists adults living with asthma that are affected by port-related air pollution by utilizing in-home case management visits and stress-free living techniques.	Healthy Communities Policy
Community Asthma & Air Quality Resource Education (CAARE)	The Community Asthma and Air Quality Resource Education (CAARE) Program strives to improve the health and well-being of adults and seniors with asthma and assist communities in Long Beach to reduce and/or eliminate indoor and outdoor air pollutants that may contribute to asthma, allergies, and other respiratory illnesses. CAARE provides an intensive asthma education program and in-home case management intervention for adults and seniors.	Healthy Communities Policy
Health Promotion and Wellness Program	The Department of Health and Human Services offers a number of health promotion and wellness opportunities, including community forums around health topics; tobacco prevention, diabetes management classes; immunizations, and Woman, Infant & Children's program offering food vouchers, nutrition education, and breast feeding support.	Healthy Communities Policy
Healthy Active Long Beach	Healthy Active Long Beach is an obesity and chronic disease prevention program providing opportunities to learn healthy lifestyles through enrichment activities. Healthy Active Long Beach provides information for residents to learn about: a variety of colorful fruits and vegetables every day; healthy eating on a budget; tips for decreasing sugar sweetened foods and beverages; and fun and easy ideas for getting you and your family, to be more active.	Healthy Communities Policy

LiNC Strategies 1-3: Programs Relevant to All Zones (Continued)

Figure 4.13

GREENHOUSE GAS EMISSIONS REDUCTION

PROGRAM/STRATEGY	DESCRIPTION/EXAMPLES
Native and Drought-Tolerant Planting	Planting of natives to better tolerate the region's long dry periods, reducing air pollutants in the atmosphere by absorbing CO ₂ and emitting oxygen as a natural byproduct.
Urban Forest	Planting of trees to help to settle out, trap, and hold particle pollutants (including dust, ash, pollen and smoke).
Energy-efficient Outdoor Lighting	Energy-efficient lighting to reduce the use of electricity and lower GHG emissions from associated electricity generation.
Solar Thermal Installation	Installation of solar water heating systems.
Solar Electricity Generation	Generation of solar electricity to reduce the reliance on electricity generated from GHG-emitting power plants.
HVAC Upgrades and Boiler Replacement	Upgrade of heating, ventilation, and air conditioning (HVAC) systems to better filter pollutants from outside air. Boiler replacement with newer systems that emit less air pollution.

SCHOOLS AND RELATED SITES

PROGRAM/STRATEGY	DESCRIPTION
Air Filtration System Upgrades and Filter Replacement	Air filtration upgrade projects, that may include schools, daycare centers, and hospitals.
Landscaping and Trees	Abundant landscaping absorbs particulate matter and provides a noise buffer from school-adjacent activities.
Windows and Doors Replacements	Installation of airtight windows and doors to improve indoor air quality by reducing the inflow of unfiltered outside air through window and door gaps.

HEALTH CARE AND SENIOR FACILITIES

PROGRAM/STRATEGY	DESCRIPTION
Air Filtration System Upgrades and Filter Replacement	Air filtration upgrade projects, that may include schools, daycare centers, and hospitals.
Mobile Health Clinics	Mobile health clinics to provide respiratory-related diagnosis and treatment, for those suffering from asthma and allergies
Health Education and Outreach	Community education and outreach programs that can provide community members with valuable knowledge about living healthy lifestyles.
Asthma Health Services	Expansion of asthma services in the community of West Long Beach, including mobile asthma clinic that provide free asthma diagnosis, education, treatment, medications and research for children suffering with asthma and allergies.
Health Worker Training	Training of local health workers about asthma treatment and the effects of air pollution on health.

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