

# INFRASTRUCTURE UPDATE



Port, Transportation and Infrastructure Committee

March 2, 2021



CITY OF  
LONGBEACH



# FY 17 - FY 21 Measure A Budget



## Measure A FY 17 - FY 21 Infrastructure Investment Plan

PROGRAM	APPROVED BUDGET
Beaches	\$150,000
Mobility	\$72,180,667
Parks & Recreation	\$31,972,811
Public Facilities	\$28,963,290
Utilities	\$5,000,000
<b>TOTAL</b>	<b>\$138,266,768</b>

# FY 17 - 21 Approved Funding

## Mobility - \$72,180,667

Alley Improvements

Arterial Street Improvements

Curbs and Sidewalks

Naples Bridge

Residential Street Repair (Overlay)

Residential Street Repair (Slurry – One Time)

Smart Street Light Technology

Street Signage

Traffic Circle Improvements

## Utilities - \$5,000,000

Stormwater Protection  
(Pump Stations)

## Beaches - \$150,000

Colorado Lagoon Improvements

# FY 17 - 21 Approved Funding - Parks & Recreation

## Parks & Recreation - \$31,972,811

4th St. Senior Center
Bixby Park Community Center
Bixby Park Parcel 1
Cherry Park Playground
Citywide Park Irrigation
Citywide Playground and Park Amenity Maintenance
Citywide Tree Trimming
Community Center Restrooms
Davenport Park Phase II
Drake Park - Park to Field Connection
Drake Park - Restroom Replacement
Drake Park Playground
Drake/Chavez Greenbelt 4-acre Wetland - Expansion
El Dorado Golden Grove Event Area
EL Dorado Golden Grove Playground
El Dorado Park - Restroom #40 Rehabilitation

## Parks & Recreation Cont'd

El Dorado Park - Restroom #41 Rehabilitation
El Dorado Park Artificial Turf
El Dorado Restroom Replacement #38 & 43
El Dorado Tennis Courts
Heartwell Field Turf
Houghton Park Community Center
Jackson Park Playground
Jenni Rivera Park Playground
Los Cerritos Park
Los Cerritos Park Sports Courts
MacArthur Park
MacArthur Park - Restroom Replacement
Martin Luther King Jr. Park
Pan American Park
Rancho Los Alamitos
Rancho Los Cerritos

## Parks & Recreation Cont'd

Recreation Park Playground (Signature Playground)
Red Car Greenbelt (P.E. Right-of-Way)
Rehabilitate El Dorado Duck Pond
Restoration Work at Los Cerritos Wetlands
Silverado Field Turf
Silverado Park
Silverado Park Sports Courts
Stearns Community Center
Urban Forest Investment
Veterans Park Community Center
Veterans Park Playground
Whaley Park Playground

# FY 17 - 21 Approved Funding - Public Facilities

<b>PUBLIC FACILITIES - \$28,963,290</b>
Alamitos Branch Improvements
Animal Care Facility
Bayshore Library Improvements
Brewitt Branch Library
Burnett Branch Library
City Place Parking Garage
Dana Branch Library
El Dorado Branch Improvements
Emergency Communications and Operations Center
Expo Building
Facility Condition Assessment and Improvements
Critical Infrastructure Reserve
Fire Station 1 Improvements
Fire Station 10
Fire Station 14 Improvements
Fire Station 17

<b>PUBLIC FACILITIES</b>
Fire Station 7
Fire Station 9 Improvements
Fire Station Roofs (FS 2, 4, 7, 10 Gender Separation)
Fire Training Center
Harte Branch Library
Library Roof Improvements
Los Altos Library
Main Health Facilities Center
Mark Twain Library
North Health Facility
PD Academy Building
Police Crime Lab
Public Safety Building
Ruth Bach Library
West Police Station Improvements
Various Facility Security Cameras

# FY 22 - 23 Proposed Funding

Project	FY 22 Proposed Budget	FY 23 Proposed Budget	Total
Belmont Pool		\$500,000	\$500,000
Alley Improvements	\$400,000		\$400,000
Arterial Street Improvements	\$1,100,000		\$1,100,000
Curbs and Sidewalks	\$800,000	\$200,000	\$1,00,000
Traffic Circle Improvements	\$500,000		\$500,000
Citywide Playground Maintenance	\$500,000		\$500,000
Ramona Park Playground	\$500,000		\$500,000
Willow Springs	\$500,000		\$500,000
Facility Condition Improvements	\$700,000	\$2,400,000	\$3,100,000
Fire Department Academy	\$800,000	\$5,700,000	\$6,500,000
Fire Station 9 Improvements	\$532,502	\$1,099,718	\$1,632,220
Police Academy Building	\$7,000,000	\$7,000,000	\$14,000,000
<b>TOTAL</b>	<b>13,332,5020</b>	<b>\$16,899,718</b>	<b>\$30,232,220</b>



# COMPLETED PROJECTS

## Highlights

### **Playgrounds, Community Centers & Park Facilities**

Completed 30 projects related to park playgrounds, community centers, and park facilities.

### **Streets, Sidewalks, and Alleys**

Rehabilitated over 330 lane miles of City streets and over 4.6 miles of City alleys.

Replaced over 175,000 sq. ft. of sidewalks throughout the City.

### **Public Facilities**

Completed 19 projects related to public facilities including 4 Fire Station projects and 8 library projects.



# COMPLETED PROJECTS

MOBILITY	APPROVED BUDGET
Smart Street Light Technology	\$500,000*
Street Signage	\$200,000*
Alley Management Plan	\$300,000
Naples West Bridge	\$100,000
Alley Improvements	\$6,204,739*
Arterial and Residential Streets	\$42,492,739*
Curbs and Sidewalks	\$18,200,000*

\*Partially completed





# COMPLETED PROJECTS

PARKS & RECREATION	APPROVED BUDGET
4 <sup>th</sup> Street Senior Center Upgrades	\$820,000
Bixby Park Community Center	\$450,000
Bixby Park Parcel 1	\$350,000
Citywide Park Irrigation	\$1,065,000
Community Center Restrooms	\$170,000
Drake Park Playground	\$939,000
El Dorado Tennis Center	\$150,000
El Dorado Park Restrooms (No. 38, 40, 41, 43)	\$470,000
Heartwell Park Field Turf	\$320,000
Houghton Park Community Center	\$5,741,896
Jackson Park Playground	\$150,000
Jenni Rivera Park	\$250,000
Los Cerritos Park	\$1,000,000
Los Cerritos Park Sports Court	\$100,000

PARKS & RECREATION	APPROVED BUDGET
MacArthur Park	\$56,000
Martin Luther King Jr. Park	\$42,000
Pan American Park	\$160,000
Rancho Los Alamitos	\$1,000,000
Rancho Los Cerritos	\$1,000,000
Red Car Greenbelt	\$300,000
Silverado Park Field Turf	\$480,000
Silverado Park Upgrades	\$100,000
Silverado Park Sports Courts	\$100,000
Stearns Park Community Center	\$800,915
Urban Forest Investment	\$845,000
Veterans Park Community Center	\$160,000
Veterans Park Playground	\$963,000
Whaley Park Playground	\$906,000

# COMPLETED PROJECTS

PUBLIC FACILITIES	APPROVED BUDGET
Animal Care Facility (Phase One)	\$150,000
Brewitt Branch Library	\$62,000
Burnett Branch Library	\$160,500
Citywide Facility Condition Assessment (Phase One)	\$1,950,000
Dana Branch Library	\$103,000
Expo Building	\$288,000
Fire Station 7	\$105,000
Fire Station 10	\$177,000
Fire Station 17	\$35,000
Fire Station Roofs	\$650,000
Harte Library Roof	\$40,000

PUBLIC FACILITIES	APPROVED BUDGET
Harte Library Improvements	\$62,000
Library Roofs	\$280,000
Los Altos Library	\$58,500
Main Health Facilities Center	\$1,250,000
Mark Twain Library Door	\$47,000
Ruth Bach Branch Library	\$67,000
Public Safety Building (Phase 1 & 2)	\$1,000,000
West Division Police Station	\$500,000

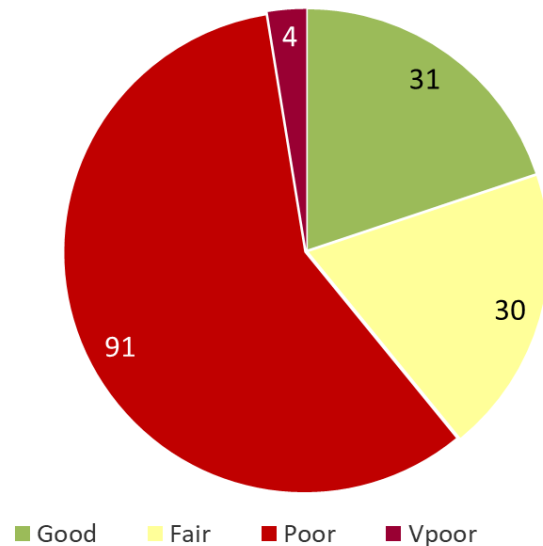


# Facility Conditions Assessment (FCA)

The Facility Condition Assessments should be used to inform the next Infrastructure Investment Plan

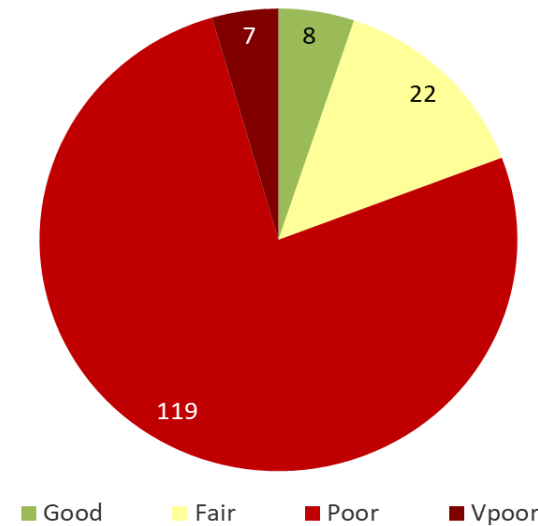
Total Buildings Assessed: 156

Current Condition of Buildings (FCI)



Value of Current Need **\$292,801,681**

Year-10 Condition of Buildings (FCI)



Need will grow to **\$429,617,865** over 10-years

# Infrastructure Investment Plan (IIP)

791 lane miles roadway planned  
~70% complete, up to \$150M  
remaining

Network	Measure A Total (Ln Mi)	Remaining (Ln Mi)*	% Complete
Major	303.03	113.85	63%
Minor	481.47	127.95	73%
Alleys	6.15	1.05	83%
<b>TOTAL</b>	<b>790.65</b>	<b>242.85</b>	<b>69%</b>

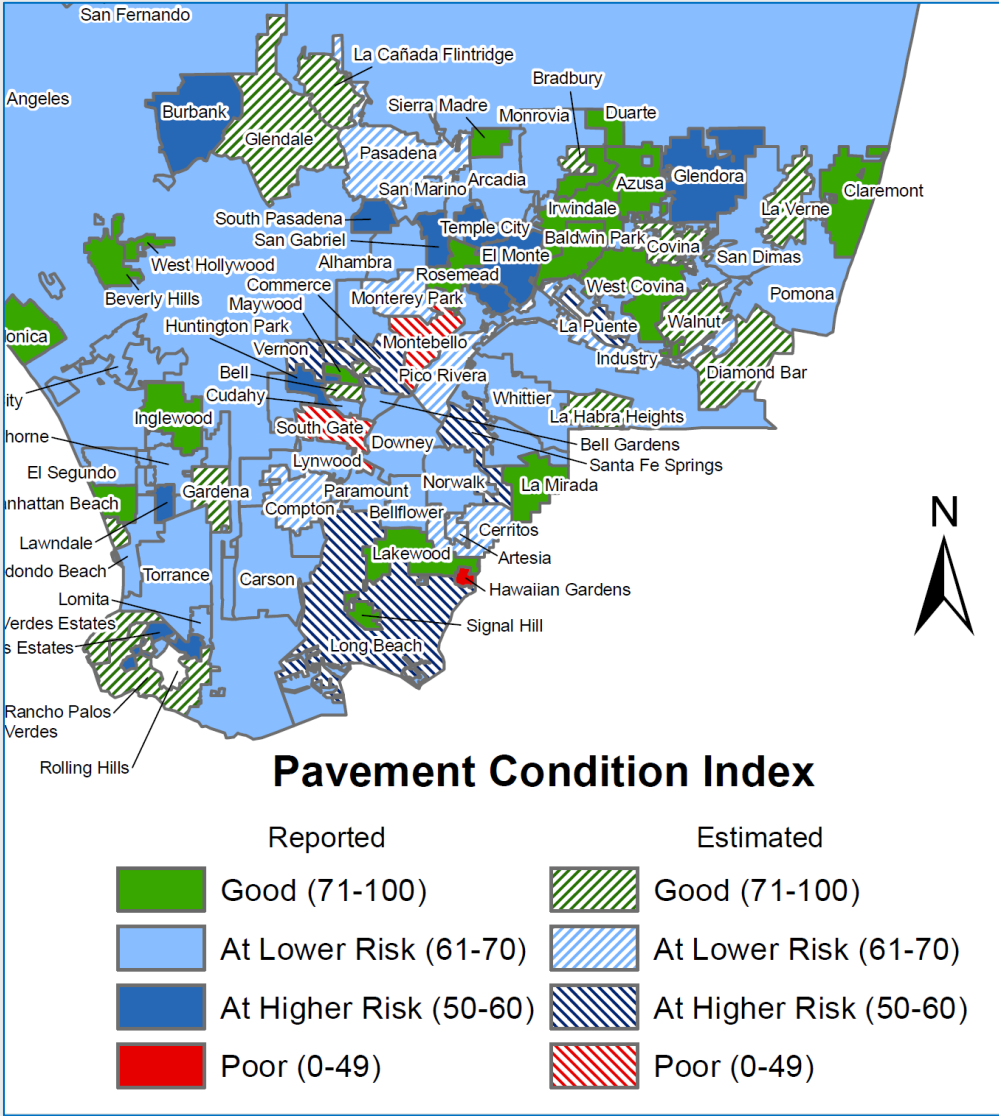
- Programming informed by Pavement Management Plan & IIP





# Long Beach's Current Pavement Condition Index (PCI)

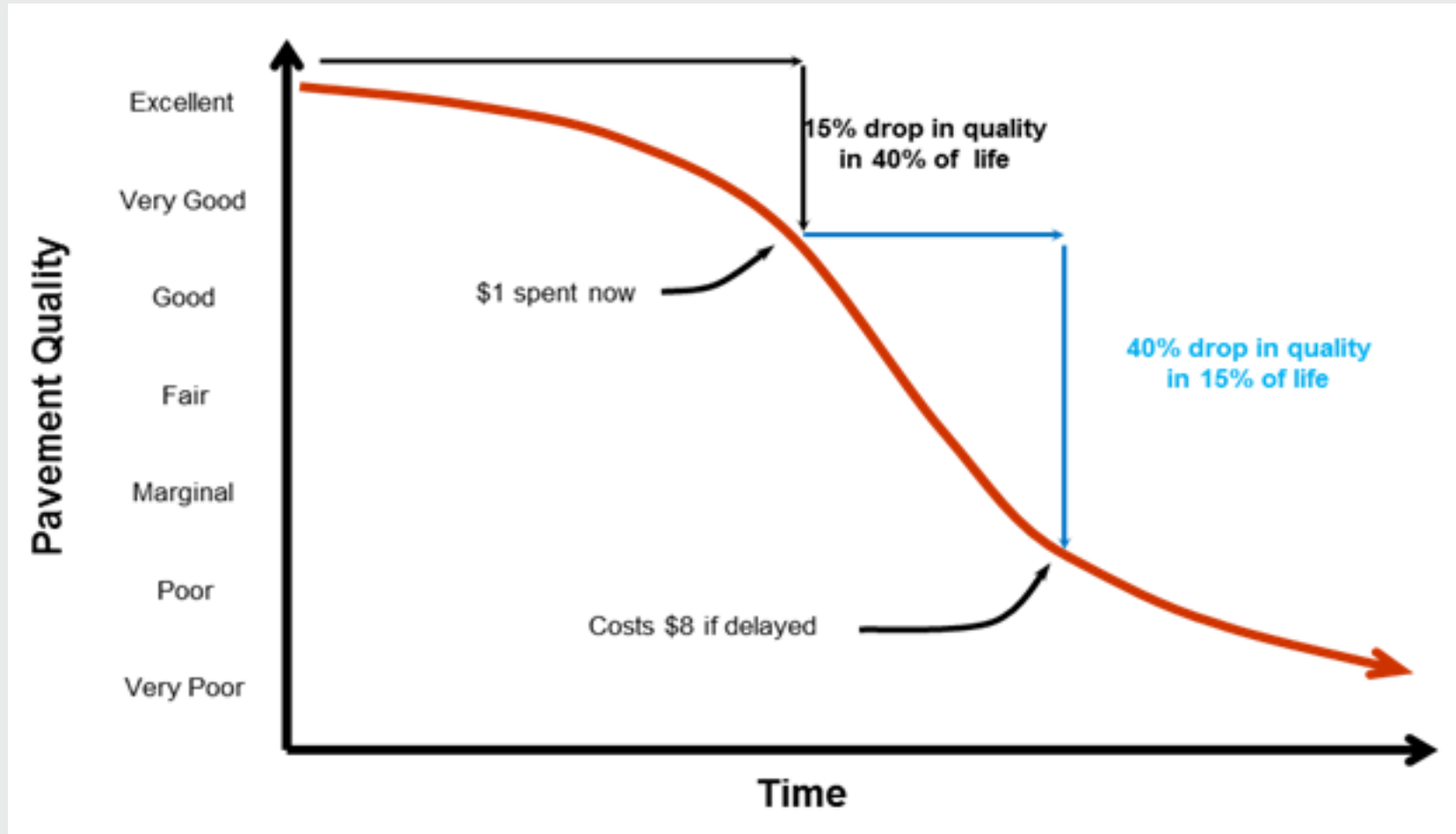
	2018	2020
Network Average	58	TBD
Major & Secondary	63	TBD
Local & Residential	56	TBD
Alleys	55	TBD
Backlog (%)	21	TBD



	2018
Statewide Avg. PCI	65
LA County (Including Cities)	67

# Pavement Condition and Cost over Time without Maintenance

\$1 to maintain a road in good condition vs. \$8 to repair a road in poor condition





# Strategy to Improve PCI

Opportunities	Strategy
Increase PCI	Better align proposed projects with updated PMP
Enhance Project Coordination	Continue improving coordination of ROW work with utilities to minimize trenching impacts
Reduce Backlog	Establish annual Slurry Seal Program to keep our “good” streets in “good” condition longer and slow systemwide degradation
Secure Additional Funding	Fast track design of “shovel ready” projects for Infrastructure Bill, investigate bonding Worst Streets
Reduce Project Costs	Research use of lower cost sustainable pavements and enhance in-house construction activities

# Planning for the next Measure A Infrastructure Investment Plan

- Presentation on the City's updated Pavement Management Plan
  - Will include Alley's this year and moving forward
- Presentation on the City's Facilities Conditions Assessment
  - Focus on parks and public facilities (libraries, community centers, public safety, health facilities, etc)
- Presentation on the City's Settlement Agreement, ADA Transition Plan and remaining commitments





Questions