

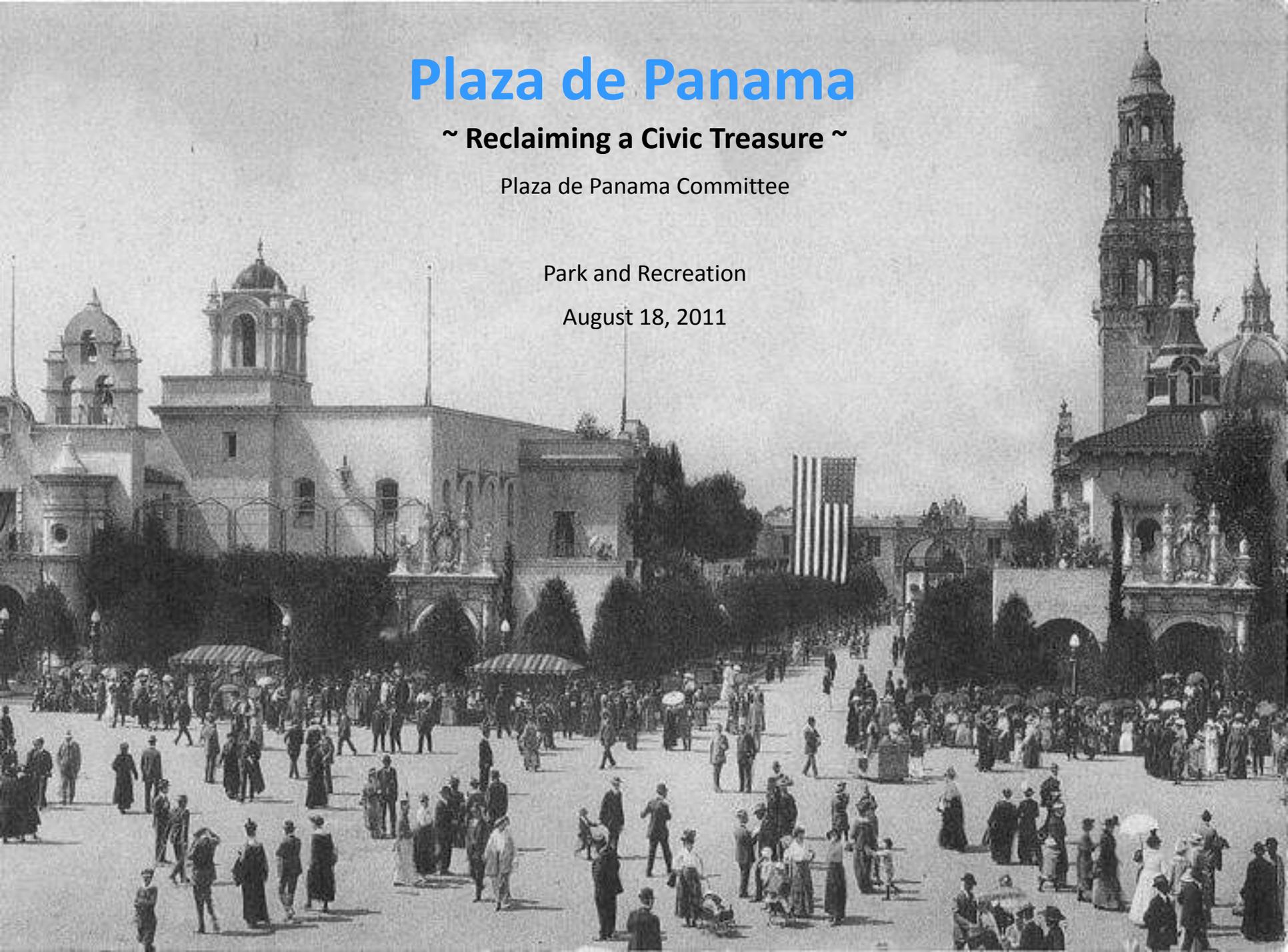
Plaza de Panama

~ Reclaiming a Civic Treasure ~

Plaza de Panama Committee

Park and Recreation

August 18, 2011

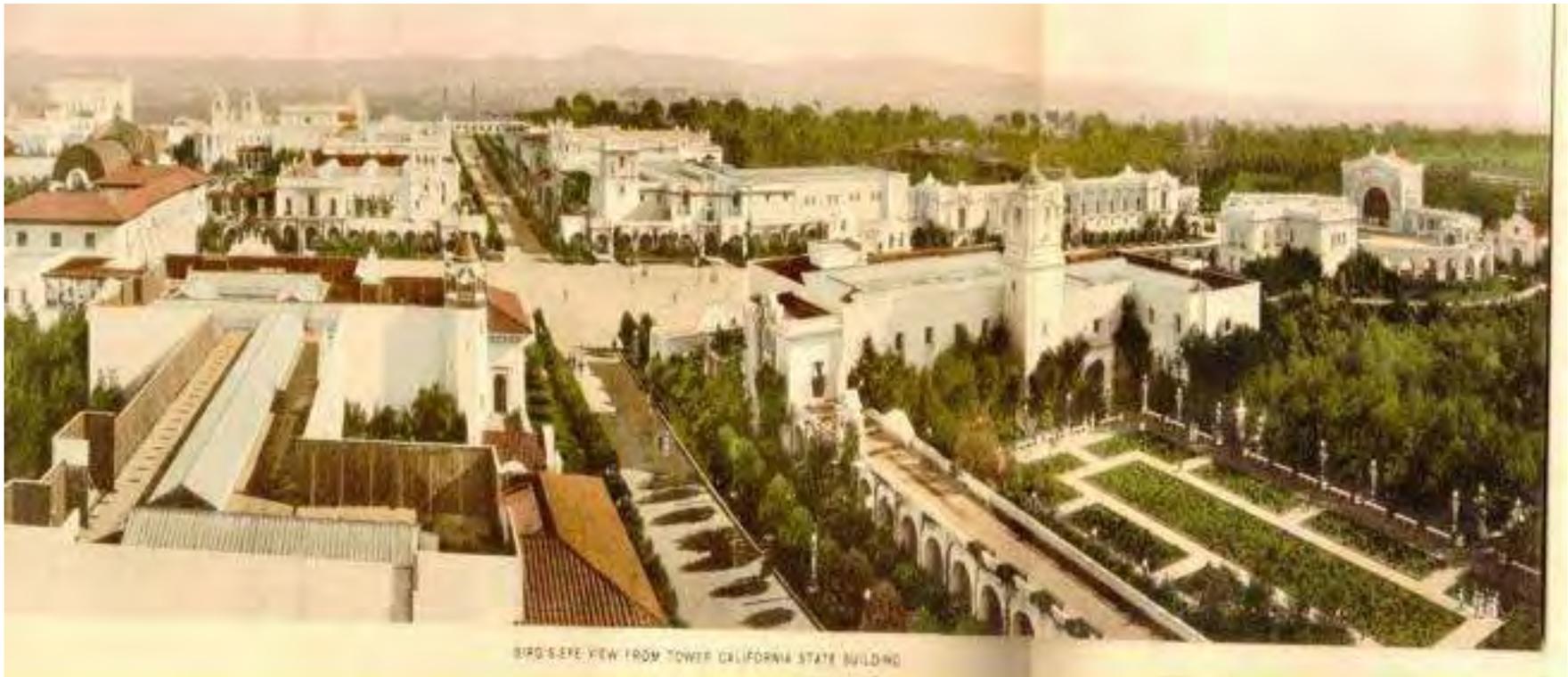


April 2, 2010

Mayor Sanders and Irwin Jacobs toured the Park.

Result:

**Renewed vision of restoring the Plaza to its original purpose,
including eliminating automobiles during normal park hours.**



plaza de panama

Plaza de Panama Committee

- Non-profit public-benefit corporation
- Formed at request of Mayor Sanders
- Develop, raise funds, and manage project to remove cars from Plaza de Panama
- Complete in time for 2015 Centennial of the Panama-California Exhibition
- Board Members:

Irwin Jacobs

David Cohn

Don Cohn

Peter Ellsworth

Tom Gildred

Al Kidd

Jessie Knight

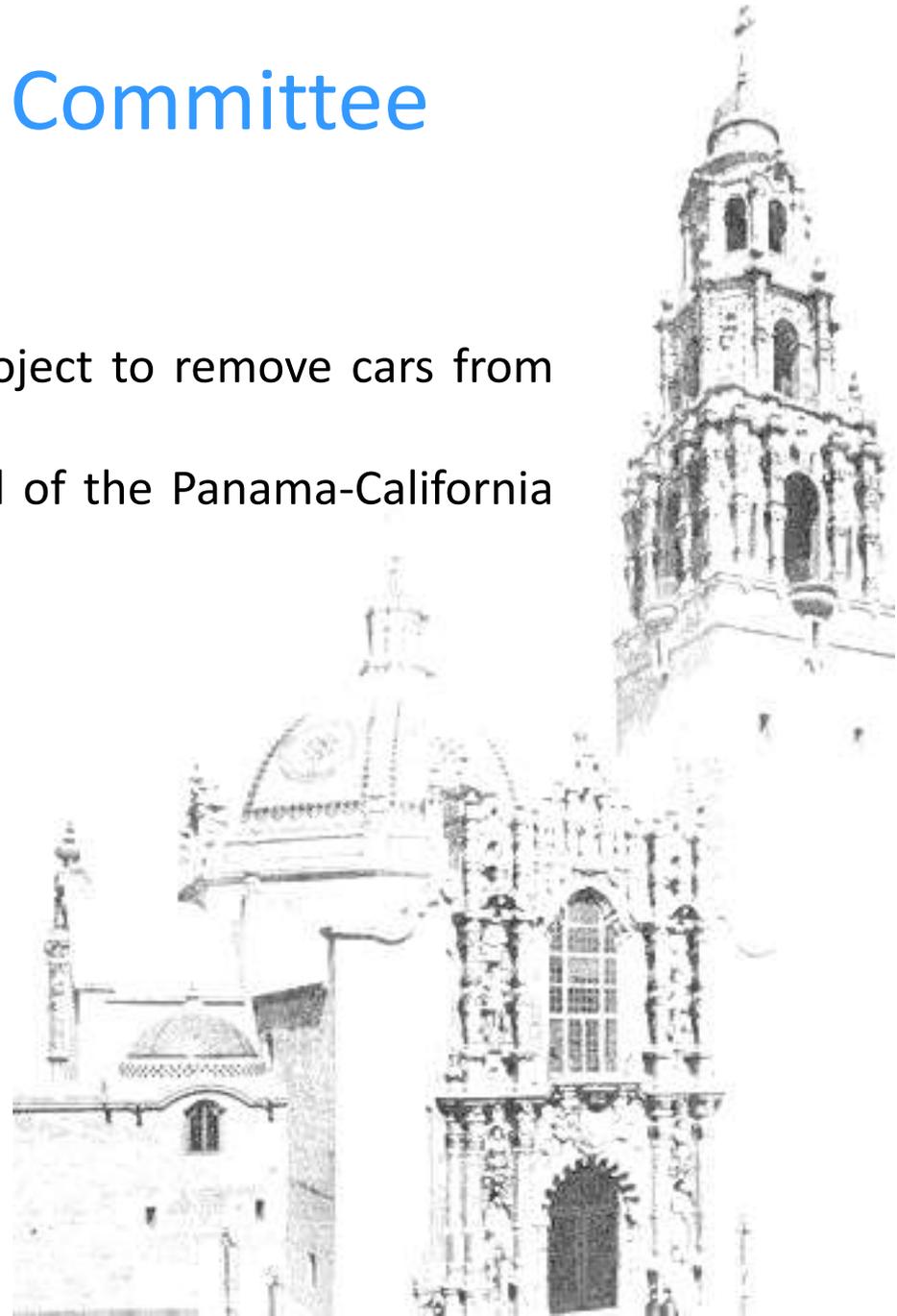
Mike McDowell

Dene Oliver

Betty Peabody

Darlene Shiley

Iris Strauss



Project Vision and Goals

1. Rehabilitate the Plaza de Panama
2. Eliminate vehicle traffic
3. Increase park land
4. Limit pedestrian and vehicle conflicts
5. Improve transportation system
6. Build on previous planning
7. Completion by December 31, 2014



1915 Condition



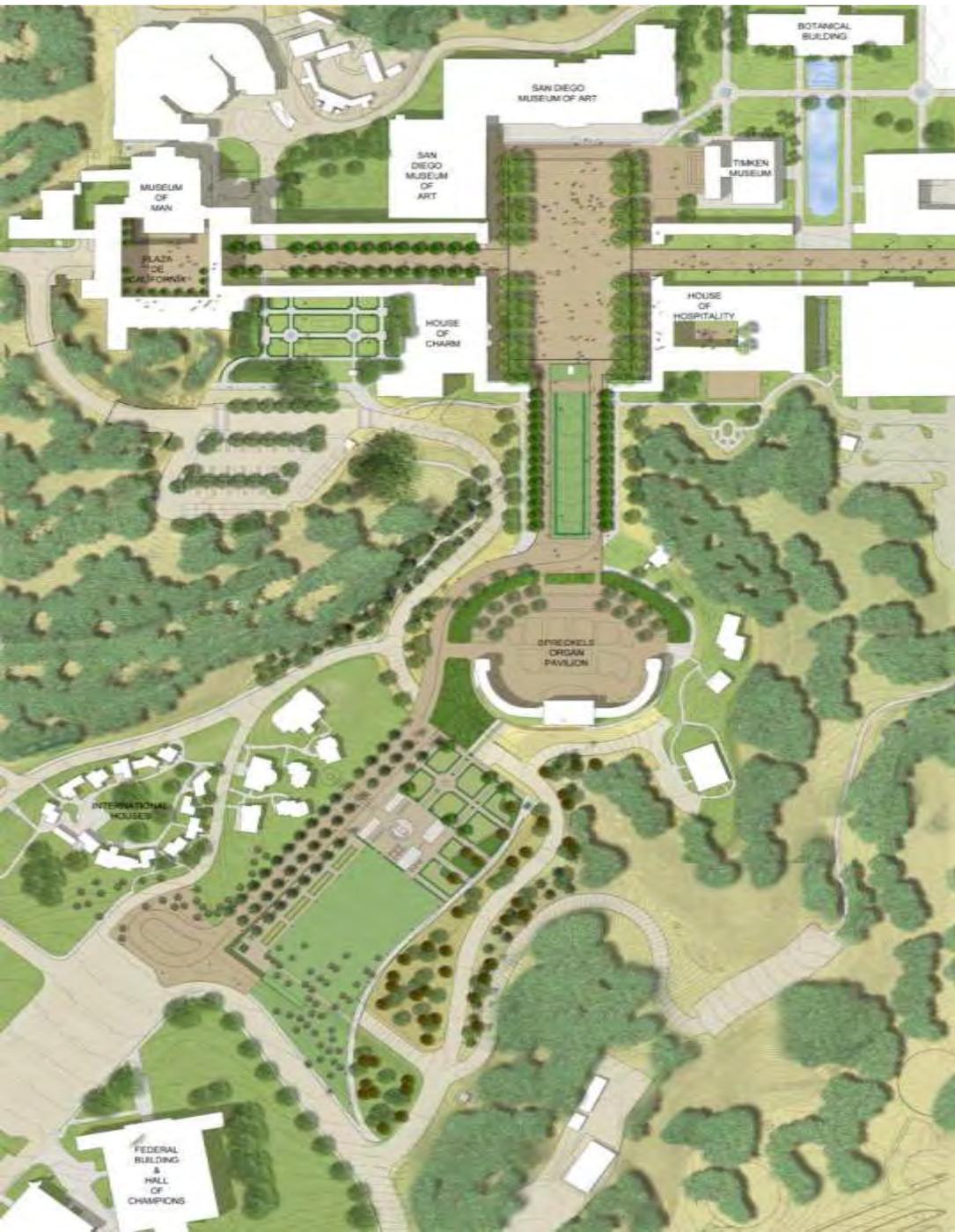
Current Condition



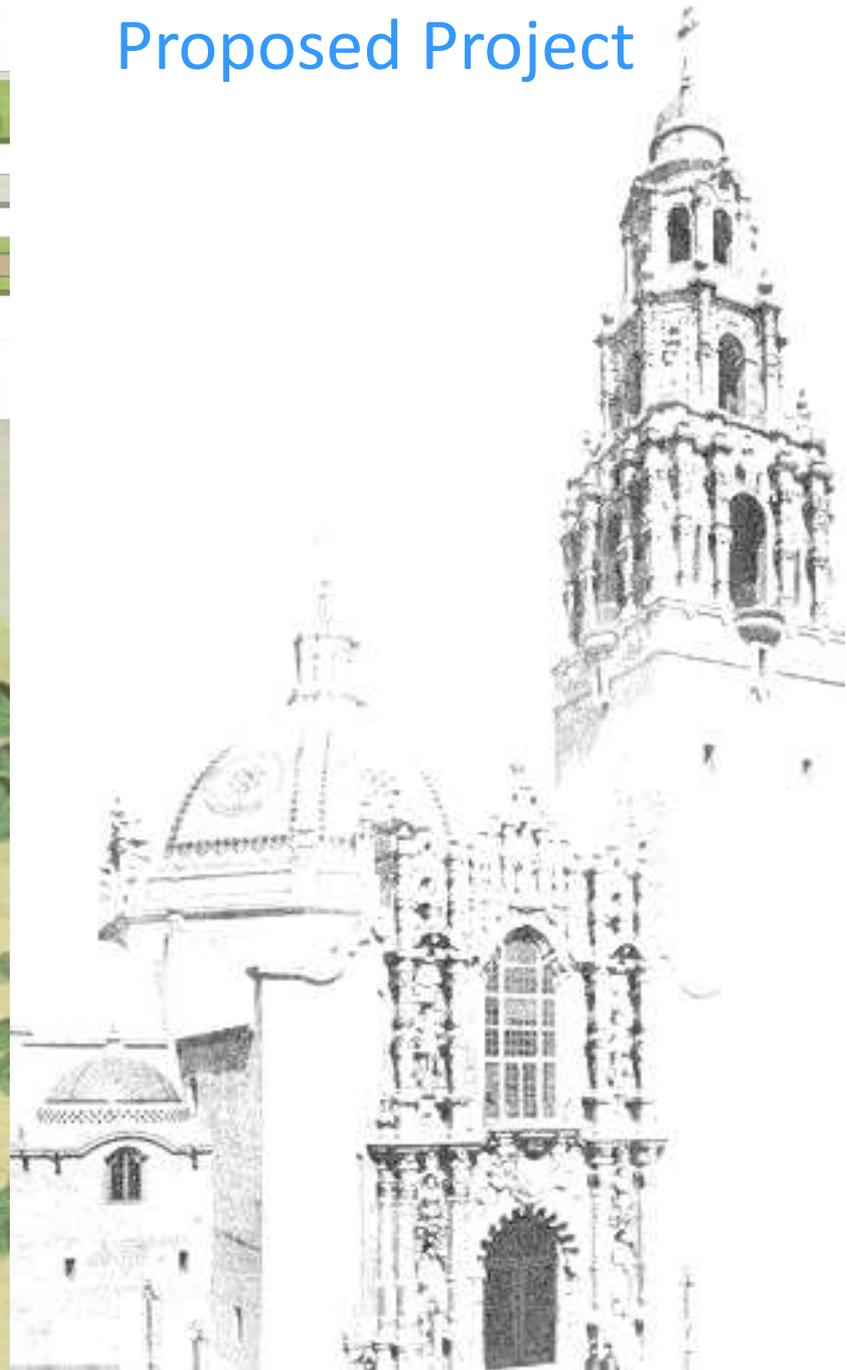
1915 Condition



plaza de panama



Proposed Project





Bypass Bridge / Alcazar Lot

- a. Connection to Cabrillo Bridge**
- b. Distance from M.O.M.**
- c. Eliminates some trees**
- d. Eliminates existing restroom**
- e. Protect large Ficus trees**
- f. Separation between
Alcazar garden and parking**
- g. Preserve historic bridge
abutments**
- e. Preserve access to Mingei
service area**



Bypass Road / Tram Route

- a. Preserves existing alignment**
- b. Eliminates/Moves existing trees just north of restroom**
- c. Restroom will be relocated**
- d. Preserves Organ Pavilion landscape/walls**
- e. Preserve or Re-develop International Houses landscape**



Organ Pavilion Garage

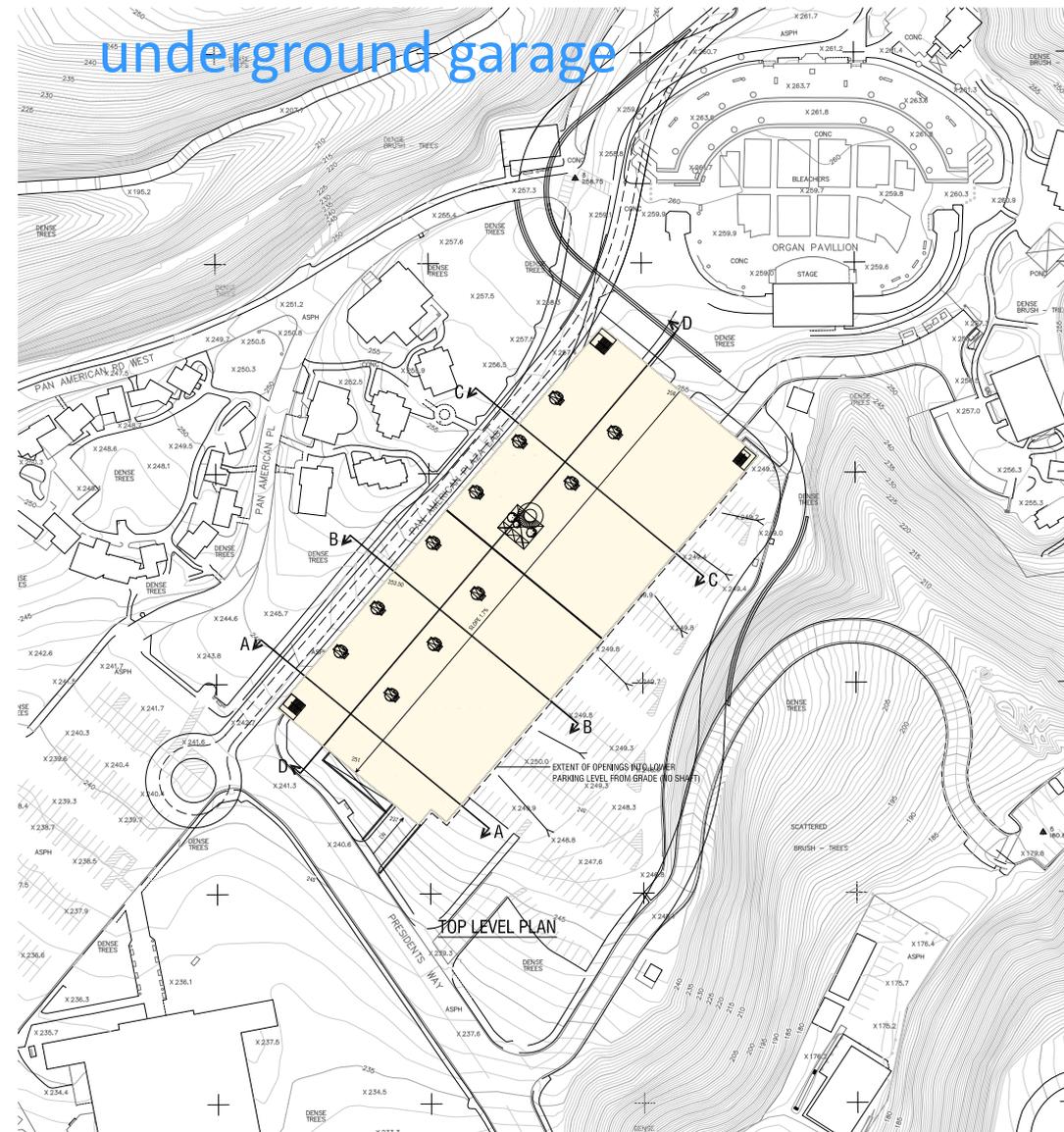
Rooftop Park

- a. Preserve pine trees adjacent to Organ Pavilion**
- b. Preserve/Enhance International Houses landscape**
- c. Re-grade/Re-vegetate eastern slope**
- d. Reduce traffic at intersection of Pan American Road and Presidents Way**

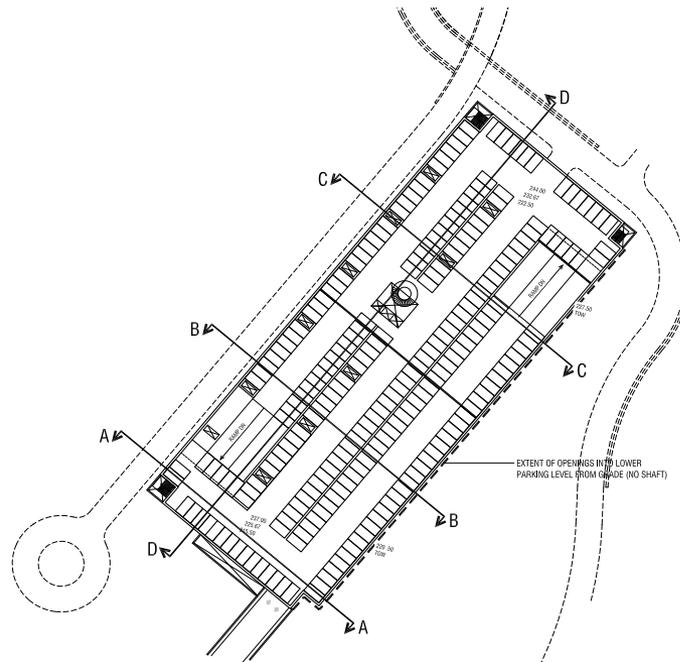
road alignment



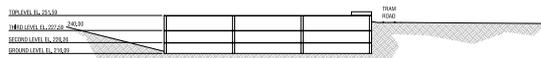
underground garage



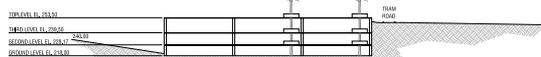
TOP LEVEL PLAN



PARKING LEVEL PLAN



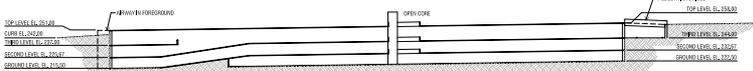
LATERAL SECTION A-A



LATERAL SECTION B-B

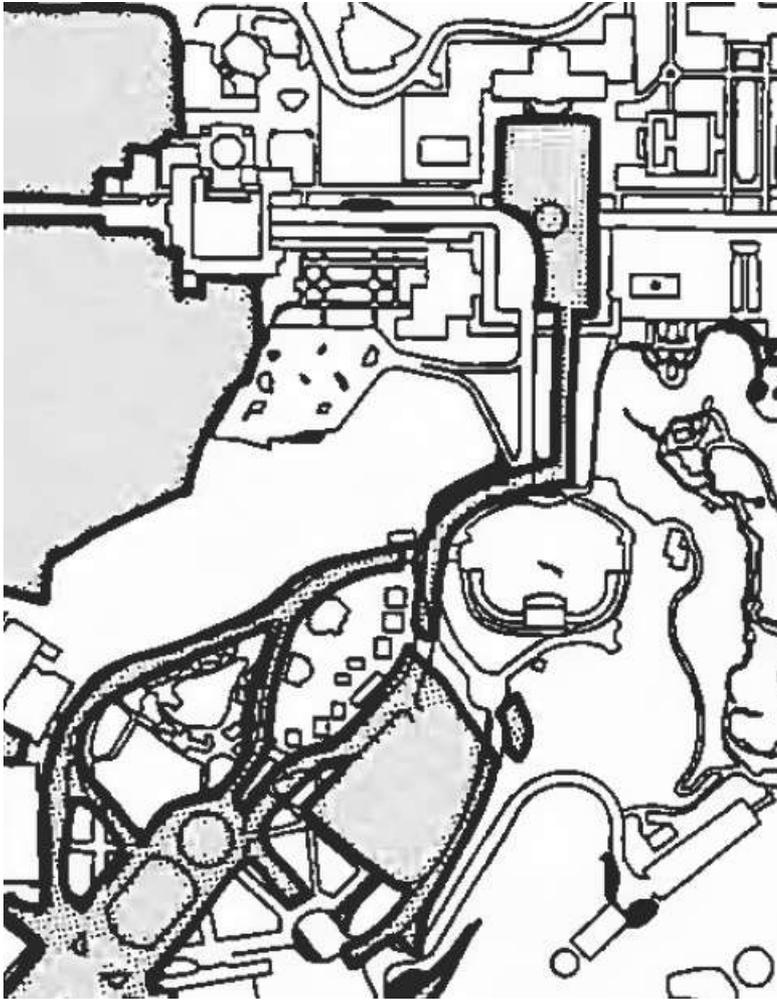


LATERAL SECTION C-C



LONGITUDINAL SECTION D-D

Comparison to 1992 Precise Plan

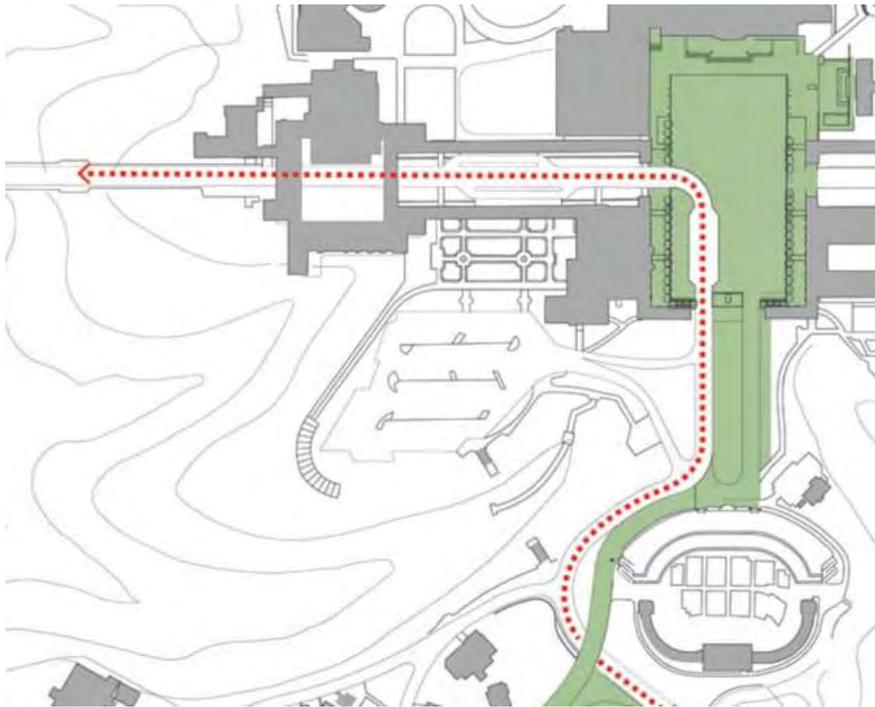


Precise Plan
Reclaims Approximately 4.5 Acres of Park Land



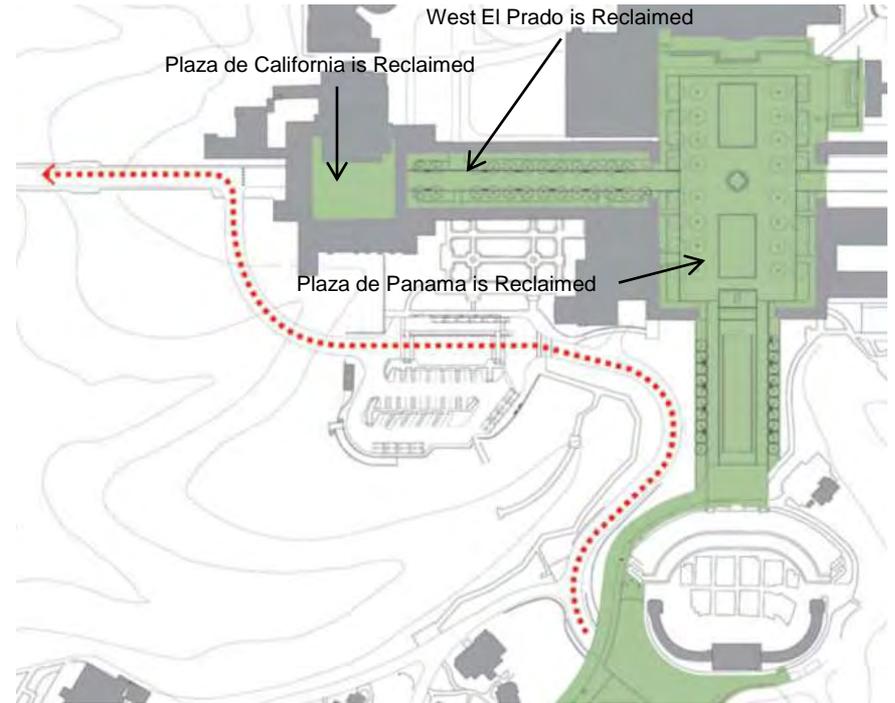
Proposed Plaza de Panama Committee Plan
Reclaims Approximately 6.3 Acres of Park Land

Comparison to 1992 Precise Plan



Precise Plan

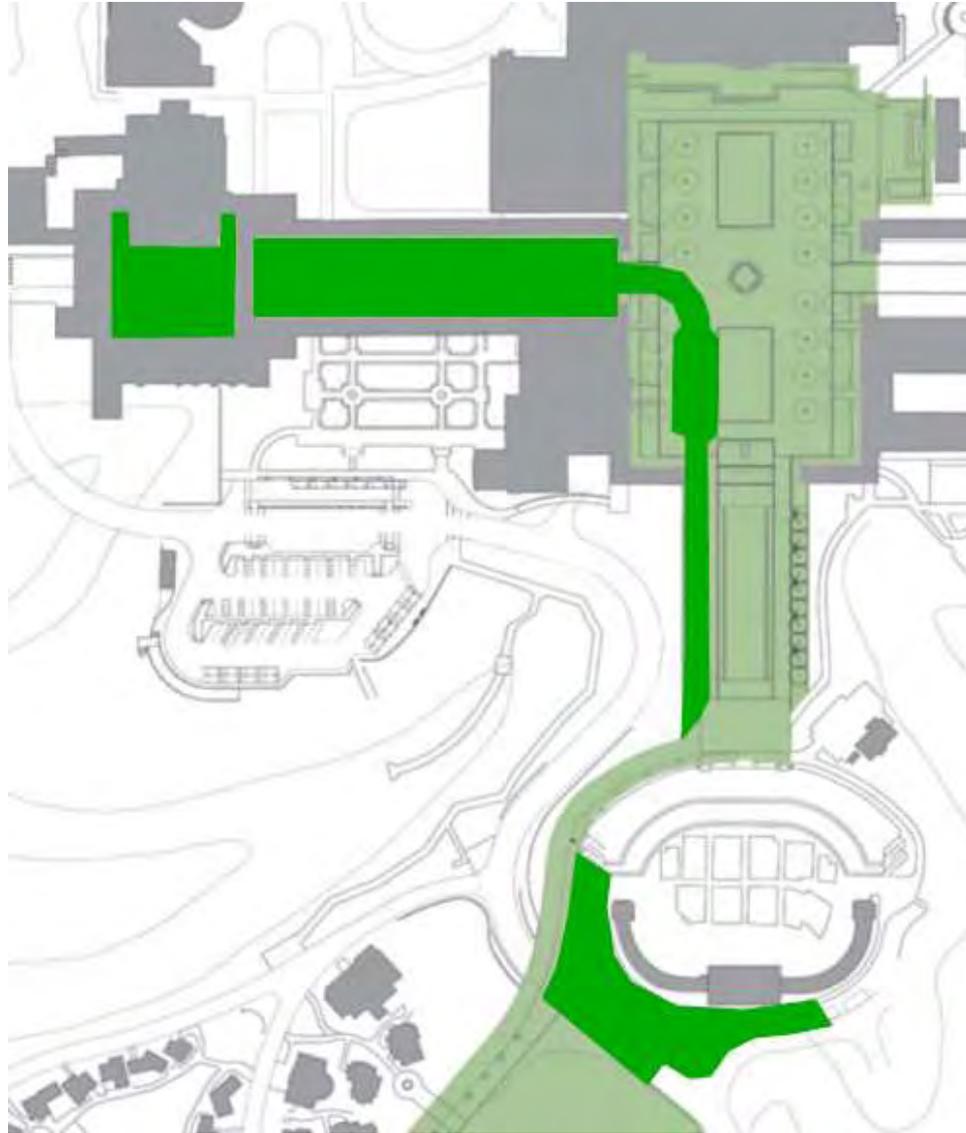
Routes traffic through Plaza de California, West El Prado, Plaza de Panama, and Esplanade.



Proposed Plaza de Panama Committee Plan

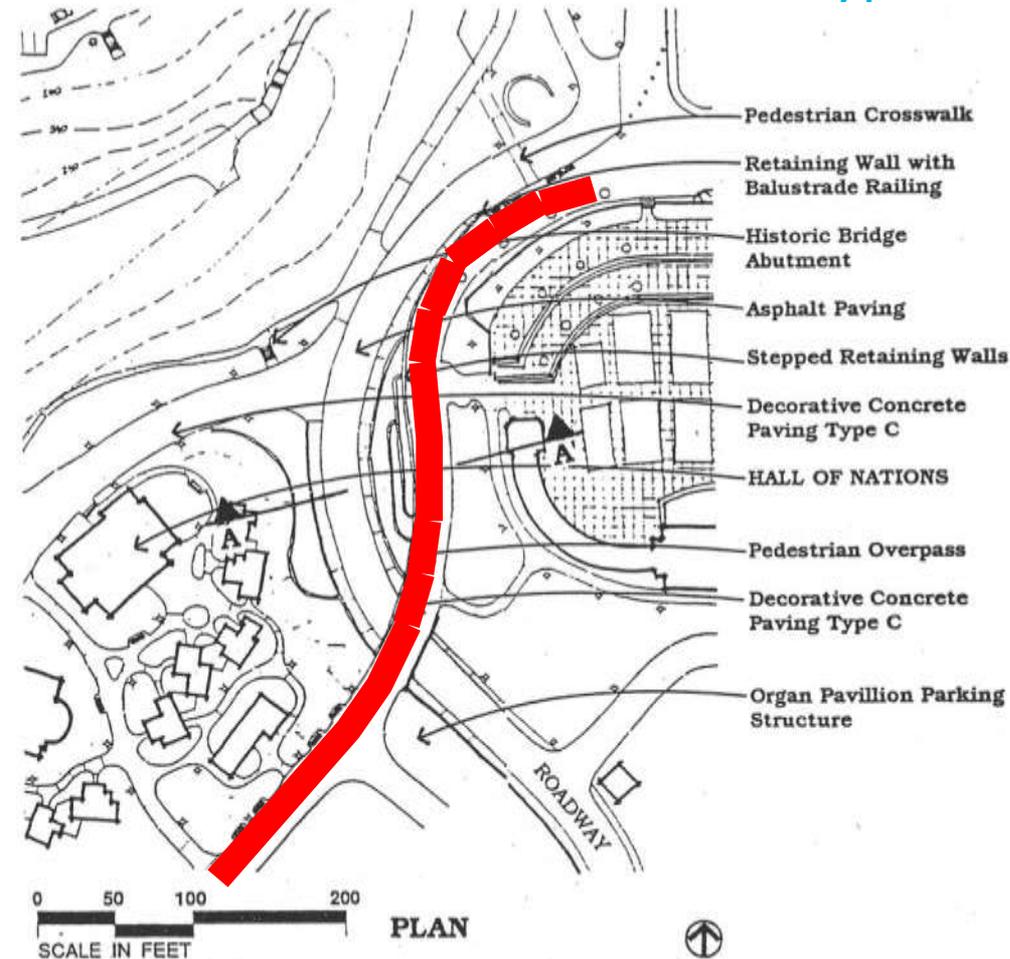
Routes traffic completely away from pedestrian areas, reclaiming 30% more parkland.

Comparison to 1992 Precise Plan



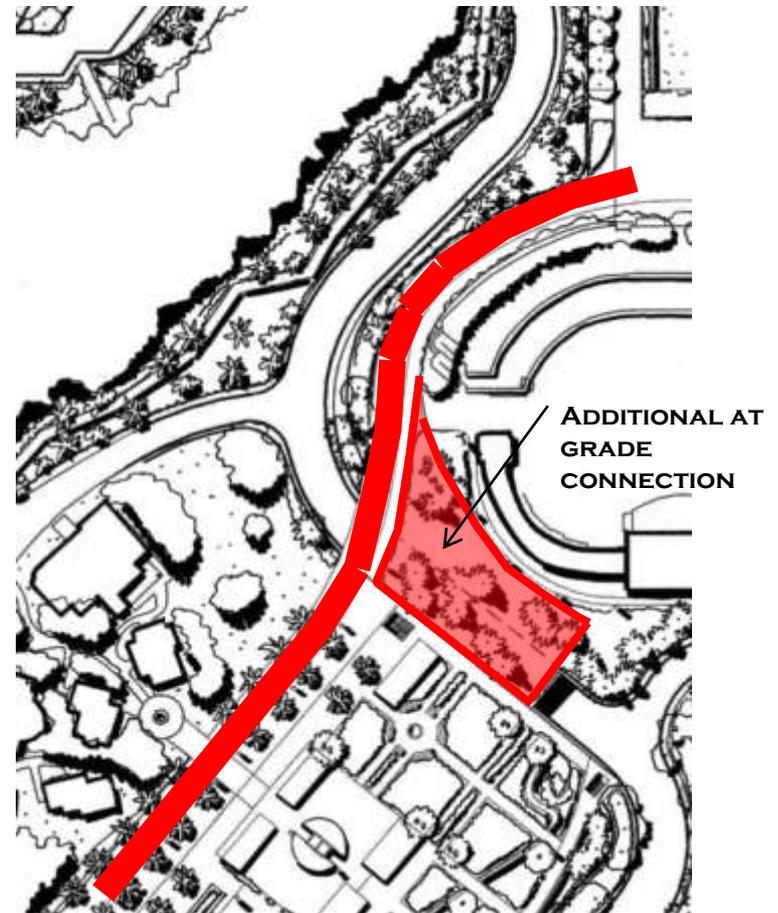
Proposed Plaza de Panama Committee Plan
Reclaims an additional 1.8 acres over Precise Plan

Pedestrian Connection over Bypass Road



Precise Plan

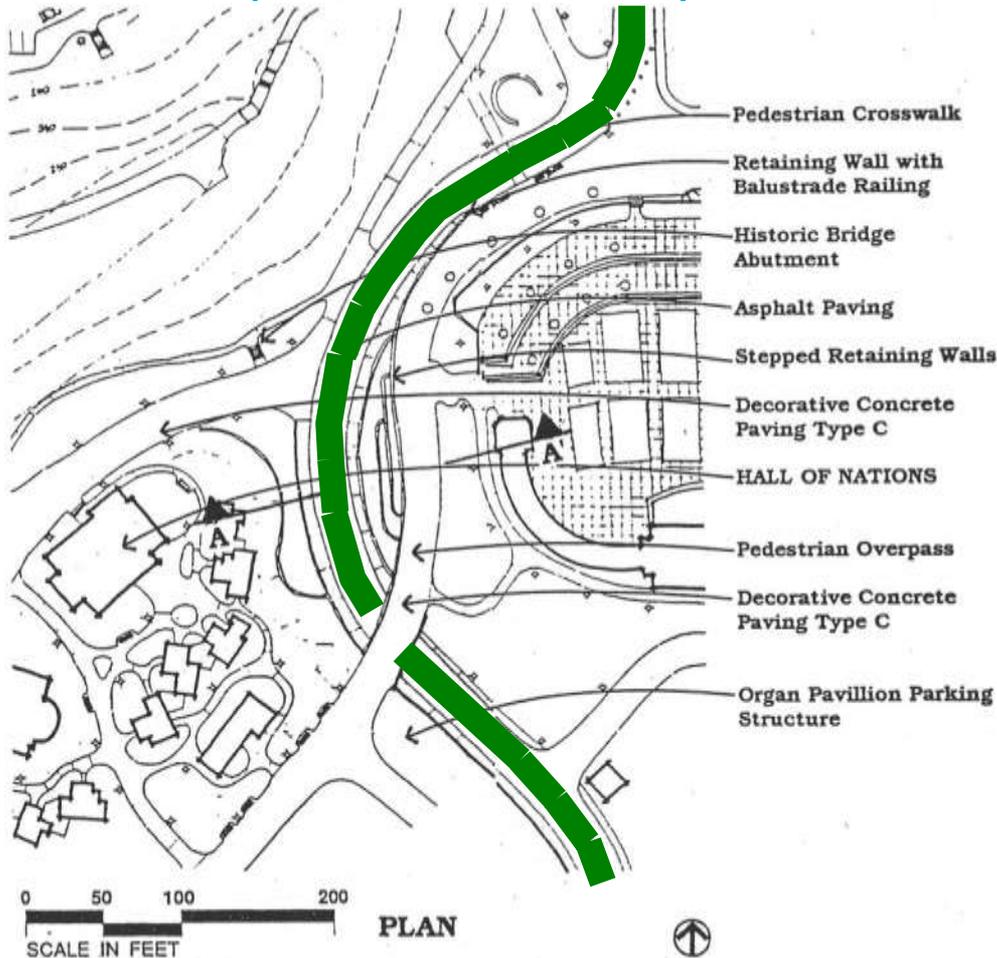
1. Proposed Pedestrian Overpass connection (approximately 20' wide) over roadway. (this is the only proposed connection)



Proposed Plaza de Panama Committee Plan

1. Proposed connection approximately 150' wide with a variety of walkways and planted areas.
2. Minimum 40' wide pedestrian/tram promenade.
3. Provides direct connections between rooftop park and Organ Pavilion

Grade Separated Roadway



Precise Plan

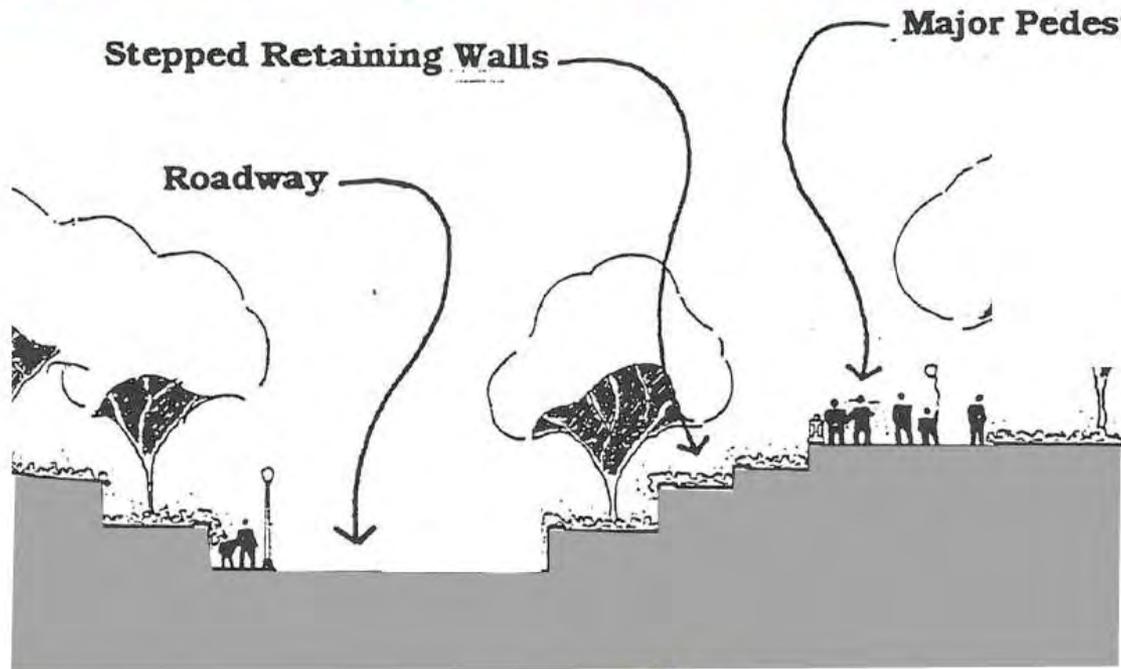
1. Proposes Grade Separated Road
2. Relocates Restroom to the southeast side of the International Cottages
3. Utilized terraced walls with planting to minimize impact



Proposed Plaza de Panama Committee Plan

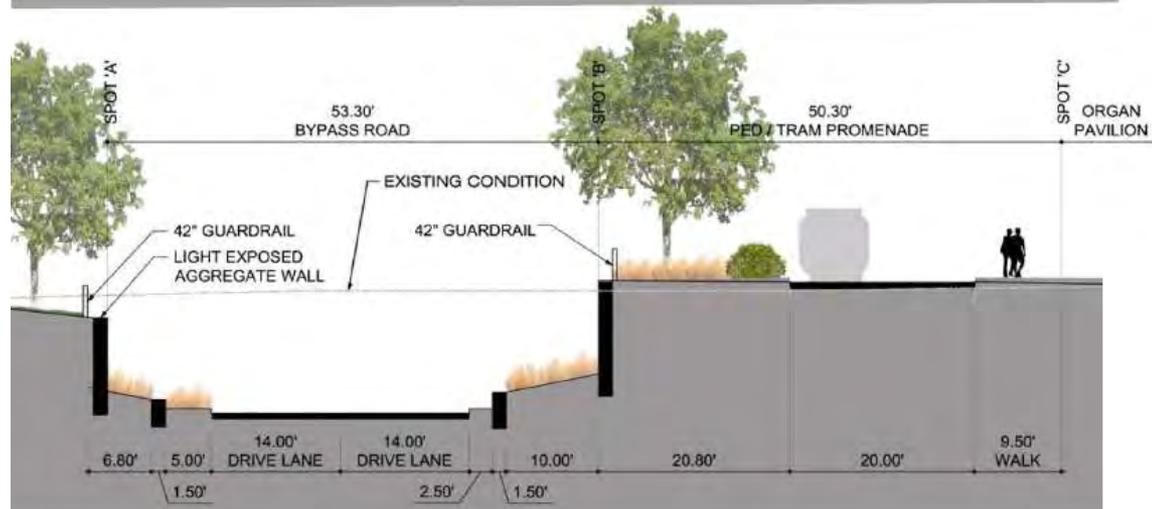
1. Proposed Grade Separation
2. Relocates Restroom on top of Rooftop Park
3. Utilized terraced walls with planting to minimize impact

Bypass Road – Typical Cross-Section



Precise Plan

1. Proposes Grade Separated Road
2. Includes 6' walk on both sides of roadway.
3. Maximizes terraces to limit impact of walls, but expands width of roadway opening, reducing the amount of open space adjacent to the roadway.
4. Roadway is approximately 70' wide x 13' deep.



Proposed Plaza de Panama Committee Plan

1. Proposed Grade Separation
2. Includes Shared Road System (bikes and cars)
3. Utilized terraced walls with planting to minimize impact
4. Minimizes terrace width to limit width of roadway opening, maximizing park space. (Priority given to pedestrian experience)
5. Roadway is 53' wide x 14' deep.

Organ Pavilion Parking Structure



Precise Plan

1. Proposes 1,000 to 1,500 space garage
2. Re-routes Pan American road around proposed parking garage.
3. Enhances connections between International Cottages and Rooftop Park.
4. Creates pedestrian promenade along northwest edge of rooftop park.
5. Relationship between rooftop park elevation and adjacent International Cottages and Presidents Way is unclear.

Proposed Plaza de Panama Committee Plan

1. Proposed 785 space garage
2. Re-routes Pan American road around proposed parking garage.
3. Enhances connections between International Cottages and Rooftop Park.
4. Creates pedestrian promenade along northwest edge of rooftop park.
5. Elevation of rooftop park is level with International Cottages and Presidents way for 65% of those edges.

Project Metrics

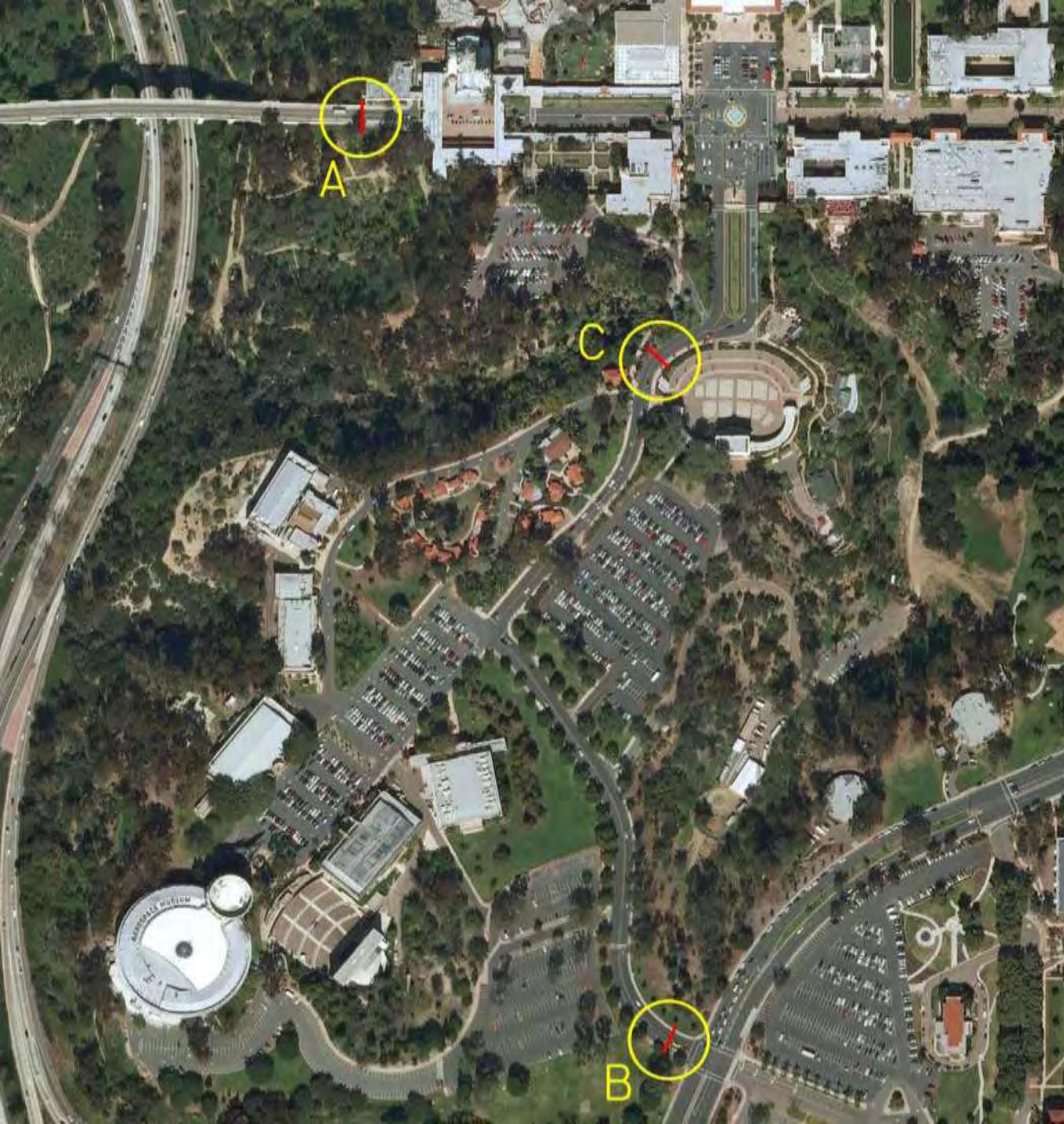
Parking Metrics

Existing Standard Parking Spaces (Alcazar Lot, Plaza, Organ Pavilion)	527
Proposed Standard Parking Spaces (New Structure)	<u>785</u>
Standard Parking Spaces Gained	272
Existing Accessible Parking Spaces (Alcazar Lot, Plaza)	26
Proposed Accessible Parking Spaces (New Alcazar Lot)	<u>33</u>
Accessible Parking Spaces Gained	7
Existing Valet Spaces (Plaza)	12
Proposed Valet Spaces (New Alcazar Lot)	<u>25</u>
Valet Spaces Gained	13

Project Metrics

Parkland Metrics

Existing Plaza and Adjacent Pedestrian Space	31,266 sf
Proposed Plaza and Adjacent Pedestrian Space	<u>144,048 sf</u>
Plaza and Adjacent Pedestrian Space Gained	112,782 sf
Proposed Roof Top Park and Adjacent Pedestrian Space	162,229 sf
Total Pedestrian Space Increase (square feet)	275,011 sf
Total Pedestrian Space Increase (acres)	6.31 Acres
Percentage Increase in Pedestrian Space	879%



- A. Cabrillo Bridge**
3116 – inbound
2738 – outbound
5854 - 7 day average
6700 - peak day

- B. Presidents Way**
3864 – inbound
4346 – outbound
8210 – 7 day average

- C. Pan American Rd.**
2337 – northbound
4161 – southbound
6498 – 7 day average
7700 - peak day

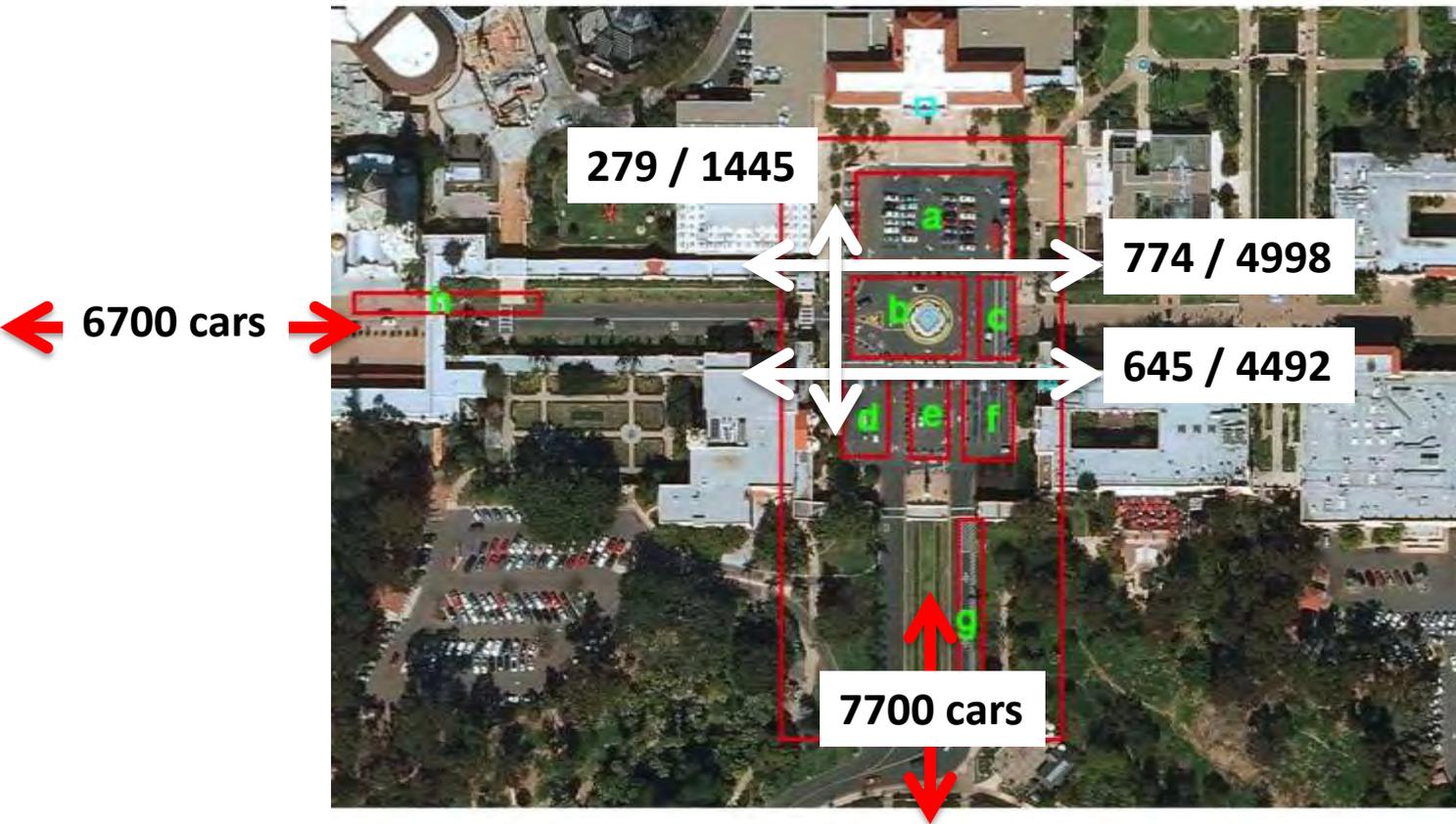
traffic counts - daily

BALBOA PARK - PLAZA de PANAMA - PEDESTRIAN COUNT SUMMARY

AREA	Count	Thursday, January 22nd, 2011 (7am to 11pm)				Saturday, January 24th, 2011 (7am to 11pm)				Notes
		Drop Off/Pick Up Vehicles	Drop Off Peds	Pick Up Peds	Total Peds	Drop Off/Pick Up Vehicles	Drop Off Peds	Pick Up Peds	Total Peds	
A	Total	97	370	320	690	109	664	458	1122	Vehicles (cars, shuttles, trolleys) + Peds
C	Total	28	40	19	59	71	174	82	256	Vehicles (cars, shuttles, trolleys) + Peds
D	Total	14	18	8	26	24	28	7	35	Drop off/Pick up
E	Total	3	4	4	8	8	18	2	20	Drop off/Pick Up
F	Total	162	207	179	386	350	489	377	866	Valet Operations
G	Total	16	NC	NC	NC	25	NC	NC	NC	Vehicles Staging along the East Side of the Esplanade
H	Total	55	99	54	153	43	30	46	76	Drop off/Pick Up
H (Peds Crossing West Prado)	-	-	Northbound	Southbound	Total Peds	-	Northbound	Southbound	Total Peds	-
	Total	NC	590	718	1308	NC	1347	1589	2936	Pedestrians Crossing West El Prado @ Old Globe Entrance

NC = Not Counted

B (Peds Crossing PdP)	-	Northern Ped X-ing	Eastern Ped X-ing	Southern Ped X-ing	Western Ped X-ing	Northern Ped X-ing	Southern Ped X-ing	Eastern Ped X-ing	Western Ped X-ing	-		
		Total	1675	929	2013	342	4998	4492	1298		1445	Pedestrians Crossing PdP
		Peak Hour	242	137	209	117	774	645	233		279	Thur (1pm to 2pm); Sat (2:30pm to 3:30pm)



Plaza de California Video



West El Prado Video



West El Prado and Plaza de Panama Intersection Video



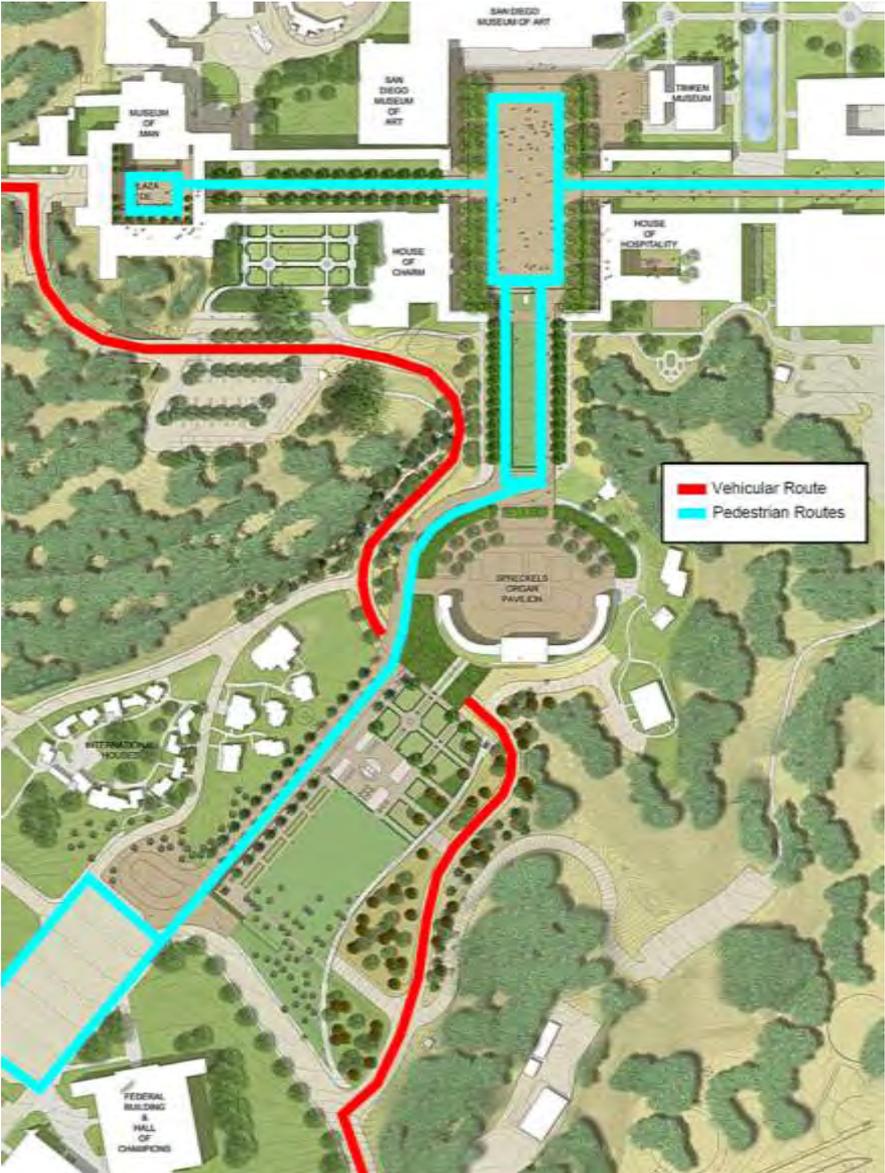
Plaza de Panama Video



Pan American Road Video



Proposed Pedestrian and Vehicular Separation



plaza de panama

1915 Condition



plaza de panama

Existing Condition



Design Proposal

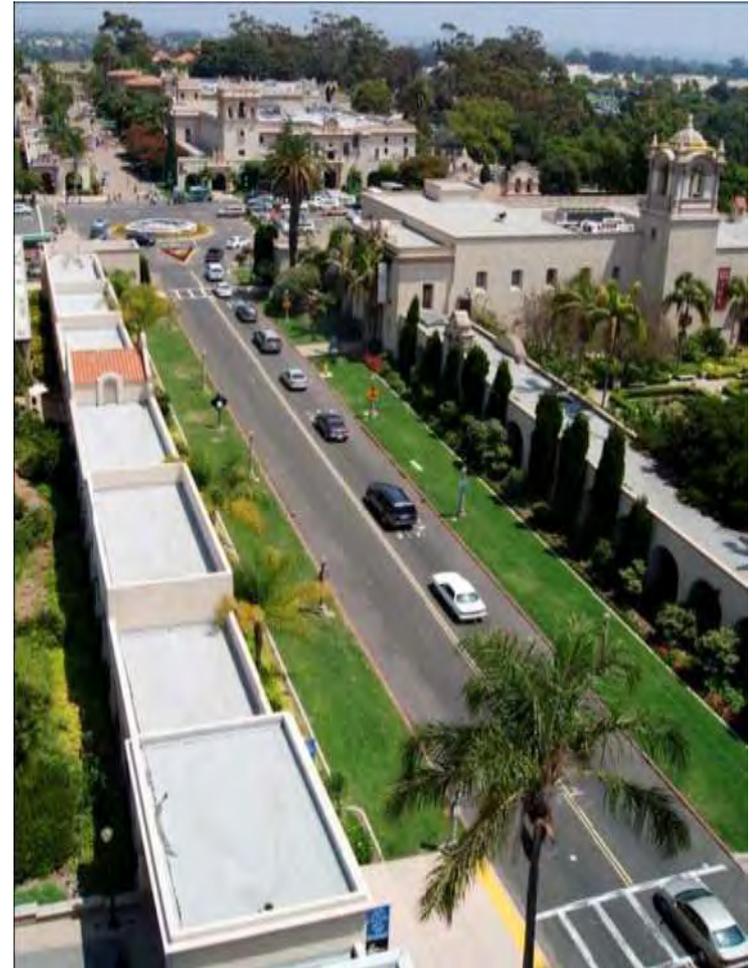


plaza de panama

El Prado East: former roadway



East Prado vs. West Prado



plaza de panama

1915



el prado west

Existing Condition



el prado west

Design Proposal



el prado west

1915



plaza de california

Existing Condition



plaza de california

Design Proposal



plaza de california

1915



esplanade

Existing Condition



Design Proposal



esplanade

Existing Condition



organ pavilion parking lot

Design Proposal



organ pavilion parking structure and rooftop park

Existing Condition



pan american road east

Design Proposal



pan american road east

Existing Conditions



pedestrian/tram promenade

Proposed Design



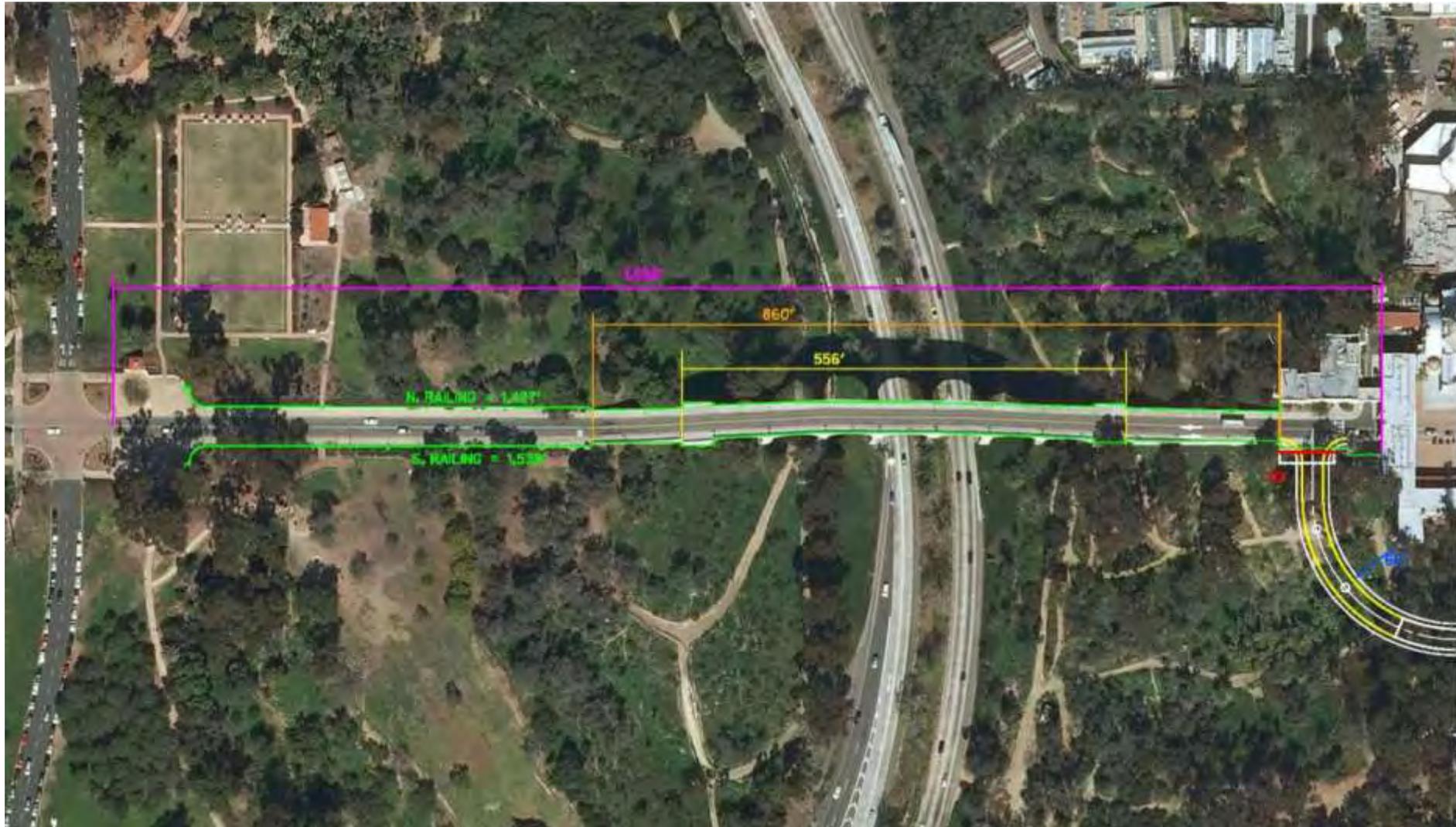
pedestrian/tram promenade

Video of Park Entrance from Cabrillo Bridge



Bridge Connection

The existing length of bridge plus approaches is 1588 feet.
The bridge alone is 556 feet long



Placement of Centennial Bridge (bypass) with details



If built as a curving box beam, the bridge acts as an arch that resists seismic forces.

BRIDGE STUDY 1 PLAN

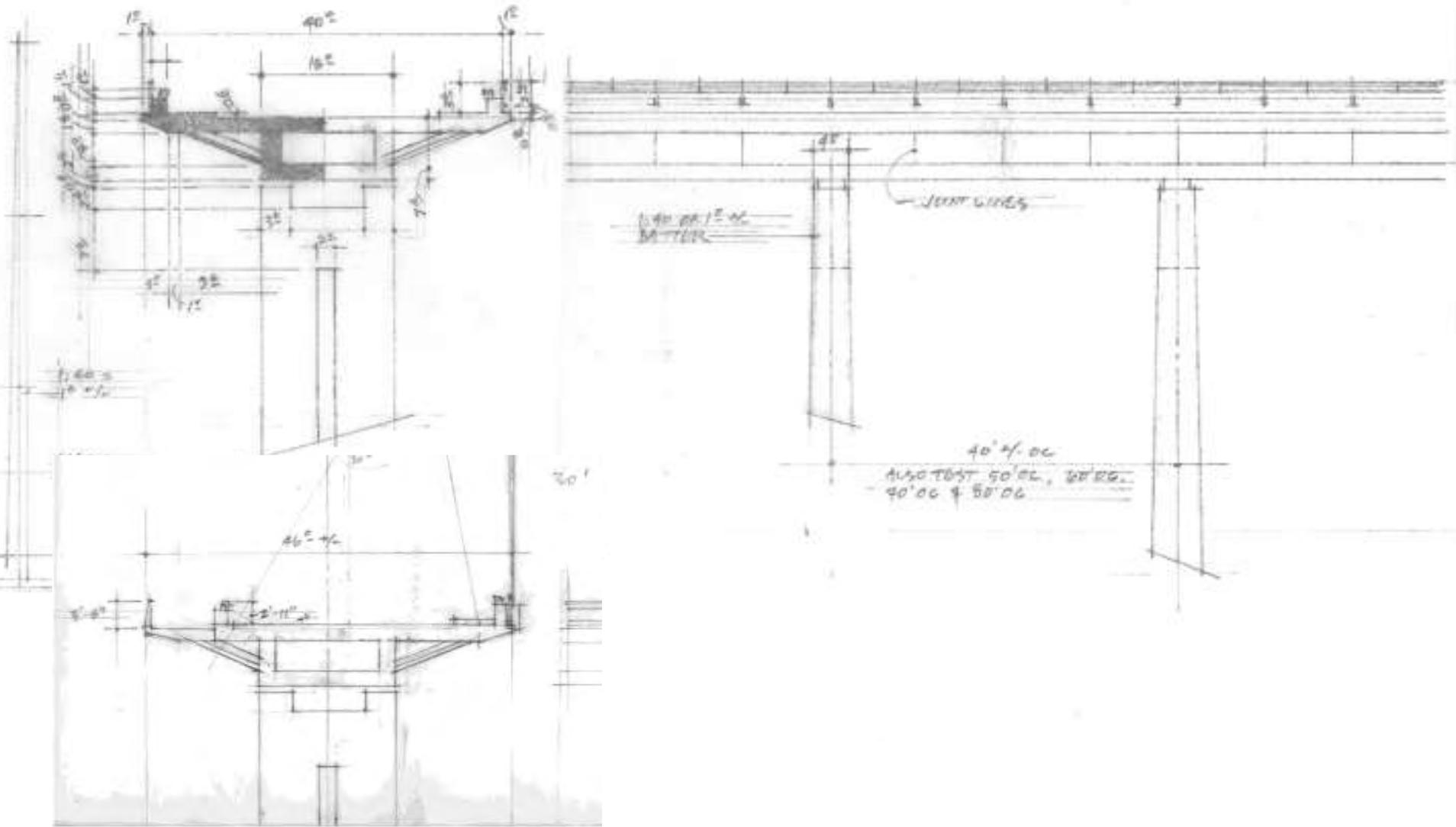


BRIDGE STUDY 1 ELEVATION

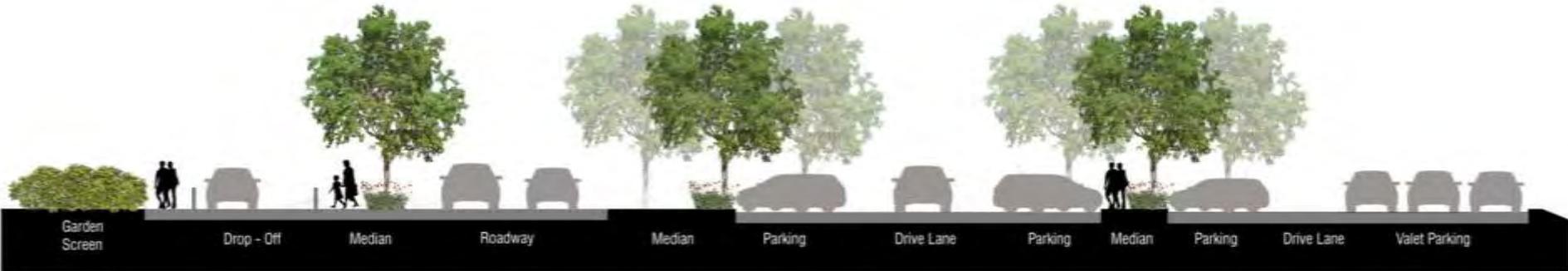
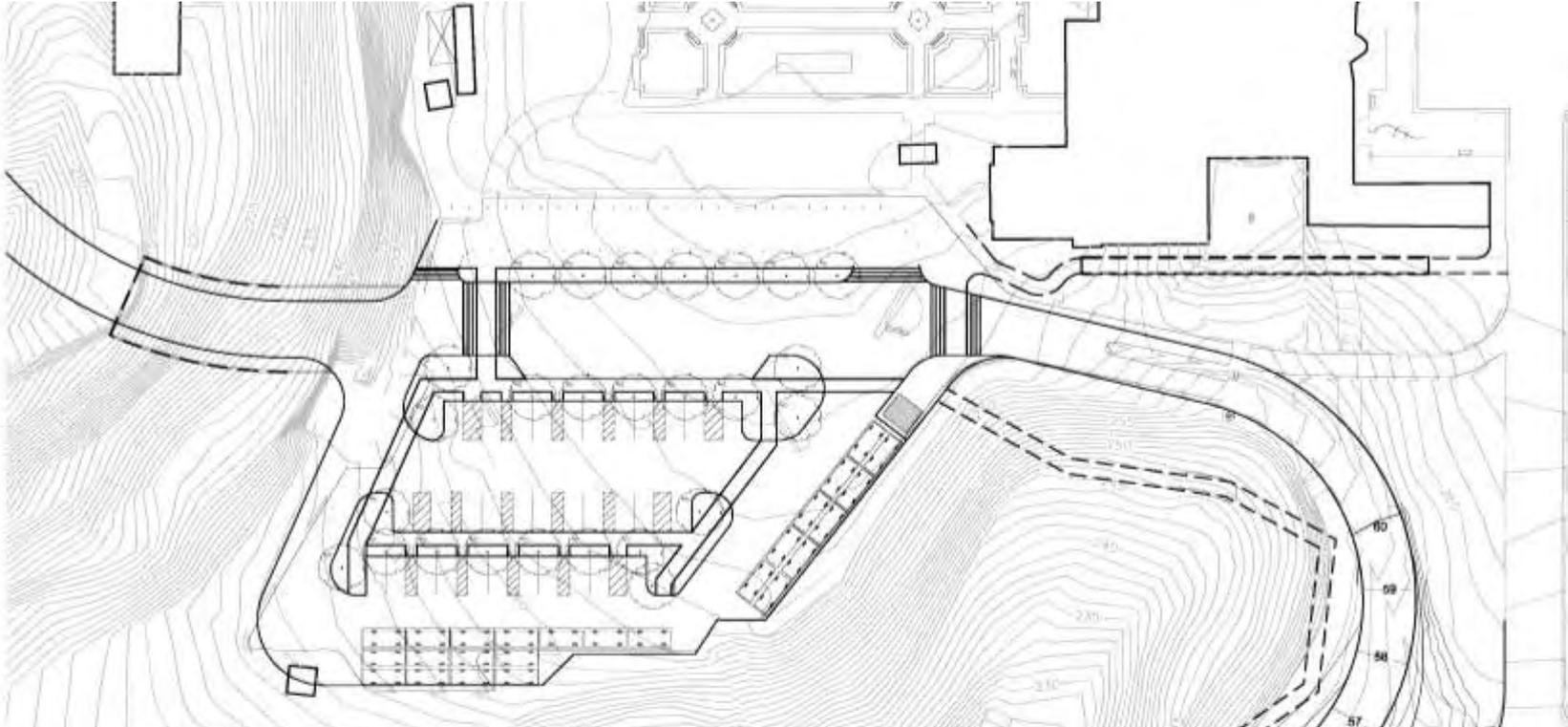


CIVIL ENGINE 3/3/11

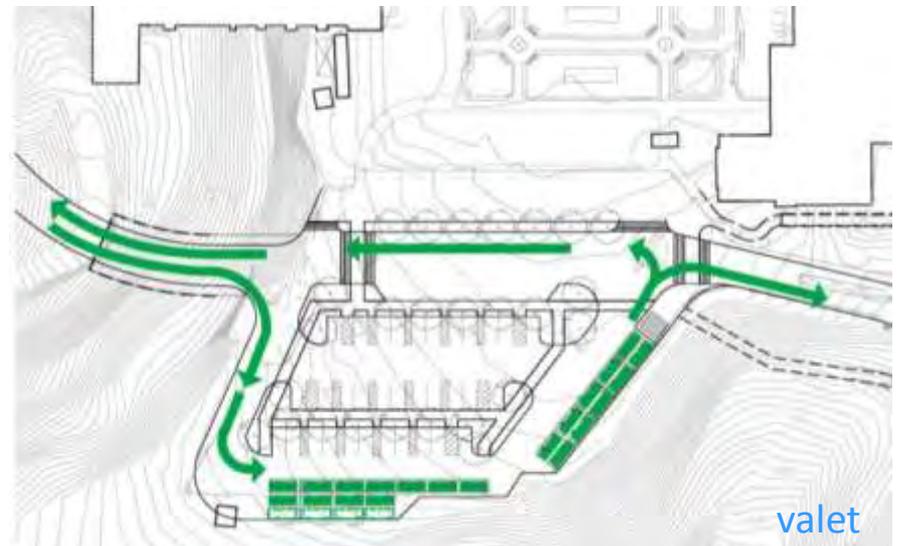
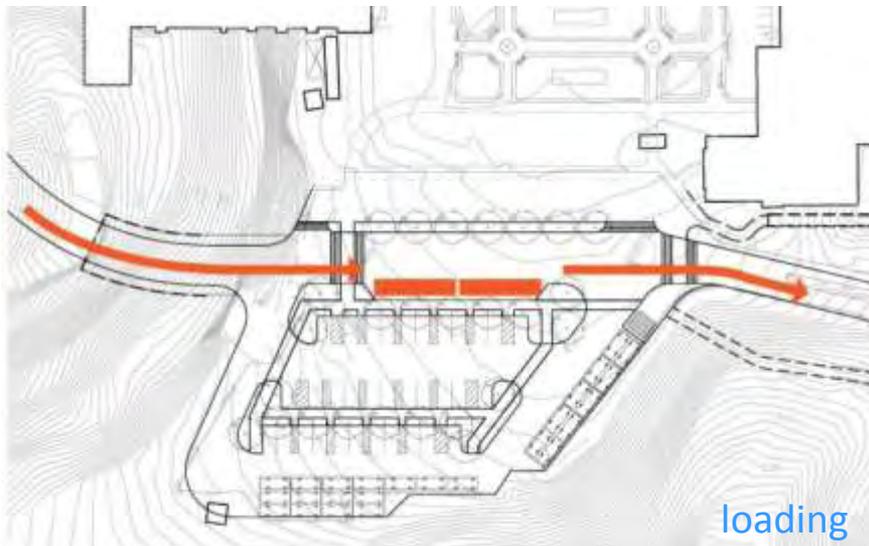
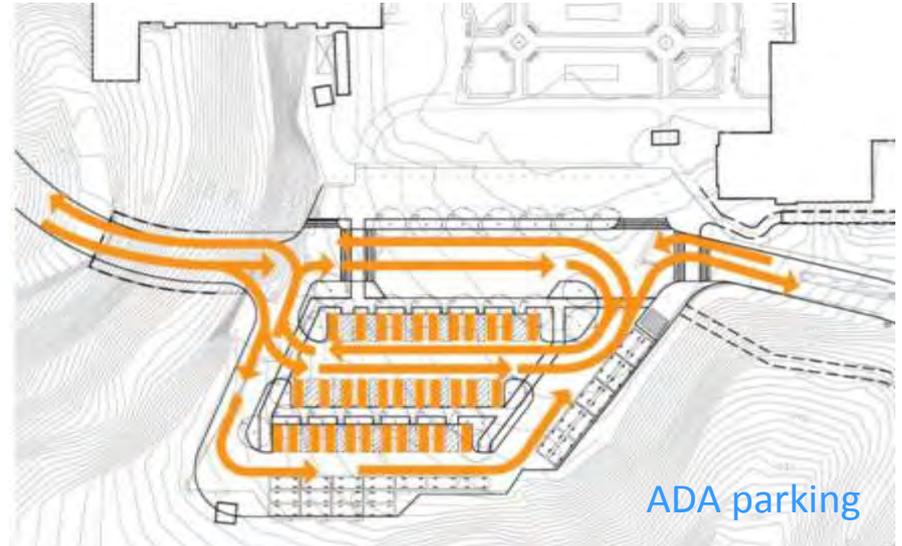
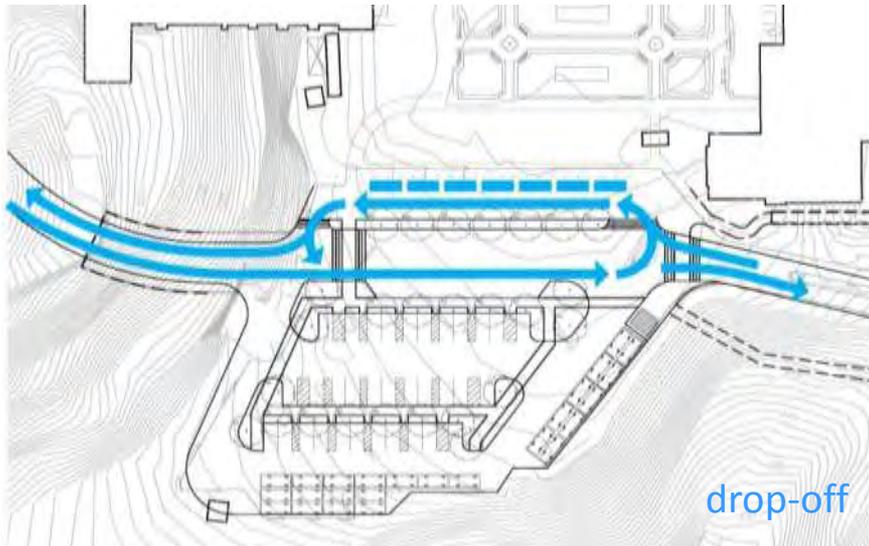
The bridge can be thin and supported by slender columns that have an opening similar to the openings in the Cabrillo bridge columns.



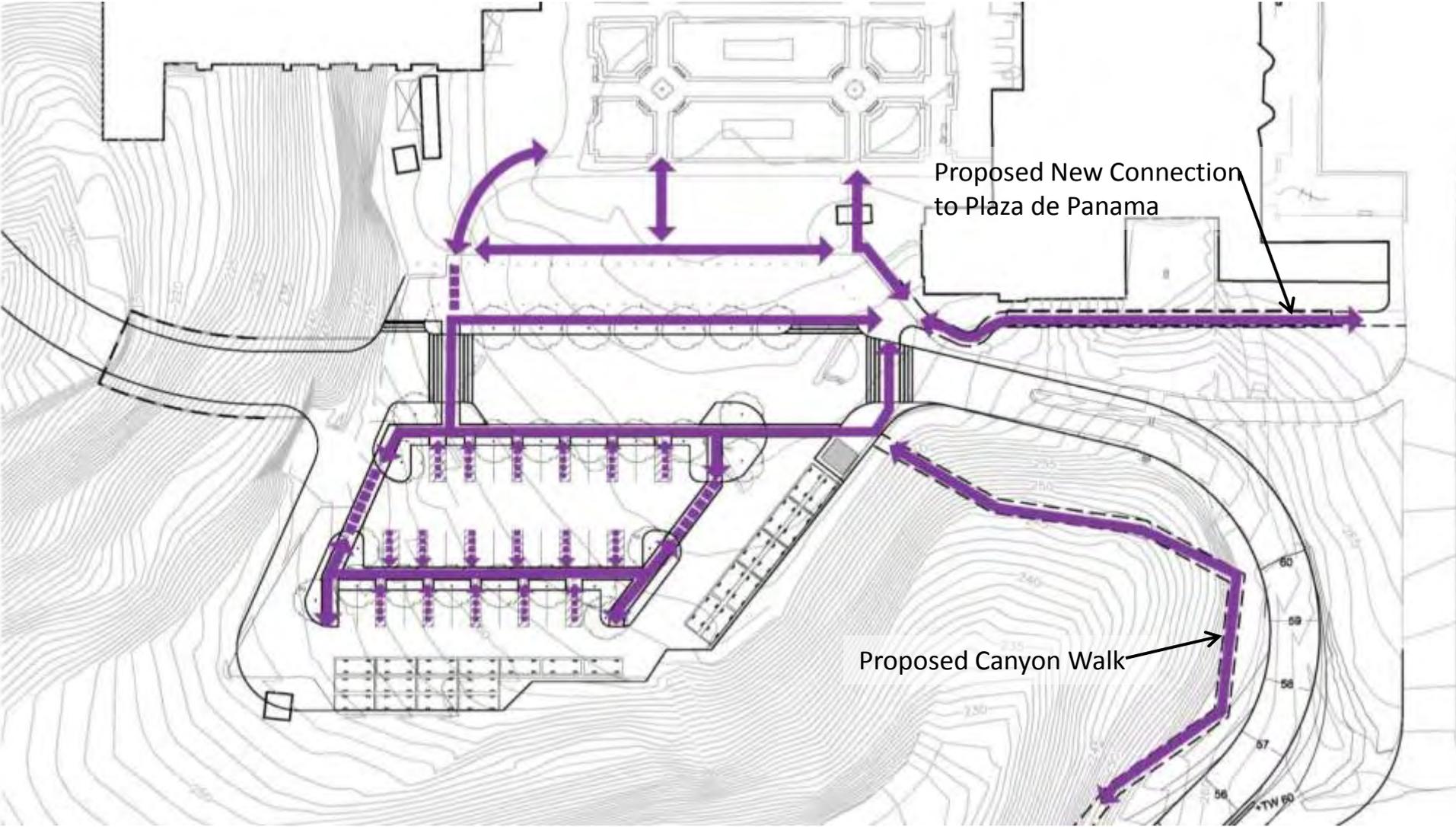
Proposed Layout



Vehicle Movements



Pedestrian Movements



Existing View across Highway 163

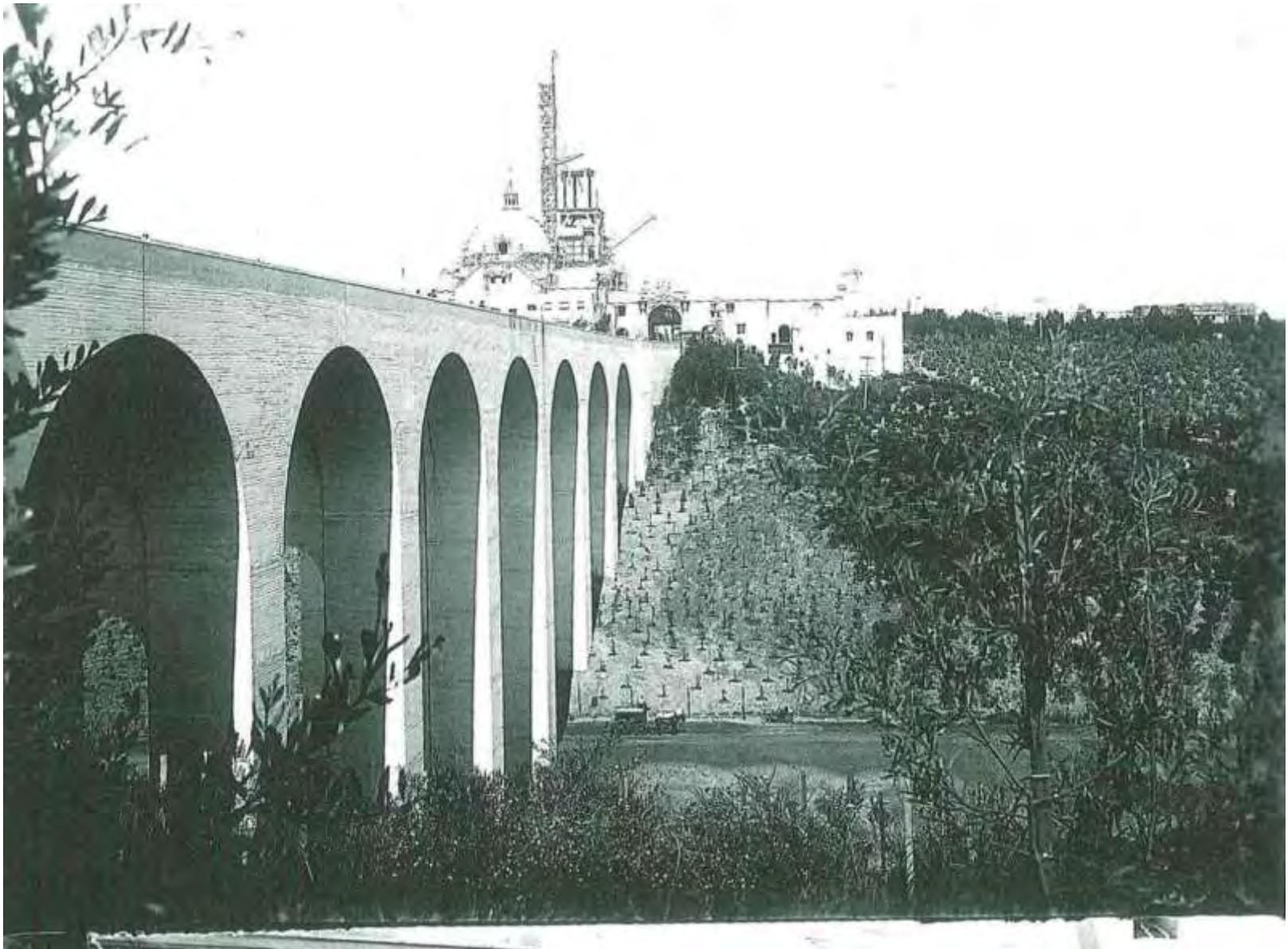


View across Highway 163



centennial bridge

June, 1914 -Planted Eucalyptus Trees
Bertram Goodhue Supervision



1915 -Planted Eucalyptus Trees

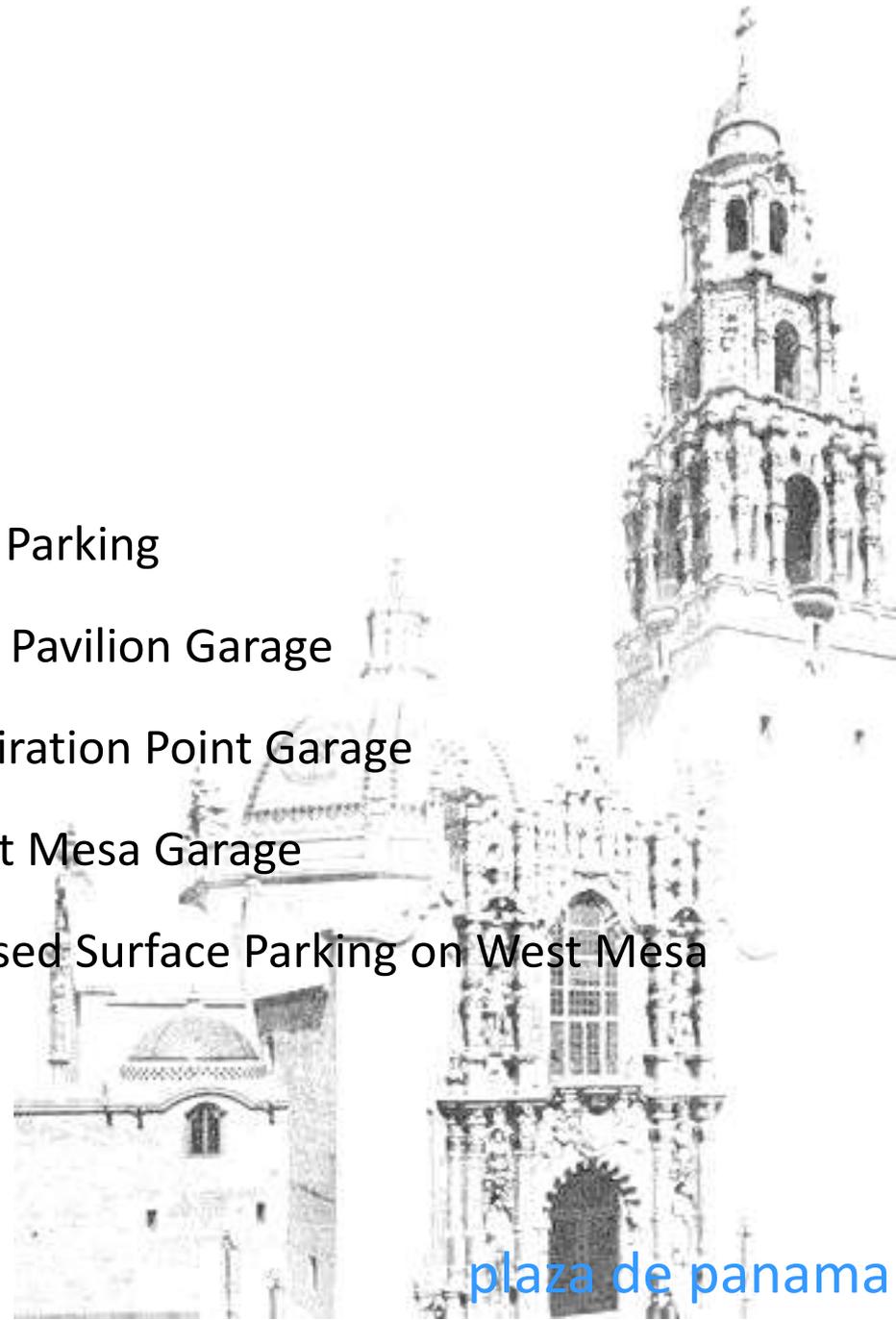


1920 – Grown Eucalyptus Trees
Now Framing the Entrance Arch



EIR Alternatives

1. No Project
2. Precise Plan
3. Precise Plan w/o Garage
4. 2004 Jones & Jones Plan
5. Pedestrianize Cabrillo Bridge w/o New Parking
6. Pedestrianize Cabrillo Bridge w/ Organ Pavilion Garage
7. Pedestrianize Cabrillo Bridge with Inspiration Point Garage
8. Pedestrianize Cabrillo Bridge with West Mesa Garage
9. Pedestrianize Cabrillo Bridge w/Increased Surface Parking on West Mesa



EIR Alternatives

10. Park Promenade Garage
11. Managed Cabrillo Bridge Closures
12. Gold Gulch Parking Garage
13. Phased Alternative
14. Tunnel Under Plaza de Panama
15. No Paid Parking
16. Quince Street Access
17. Old Globe Way Access

www.plazadepanama.org



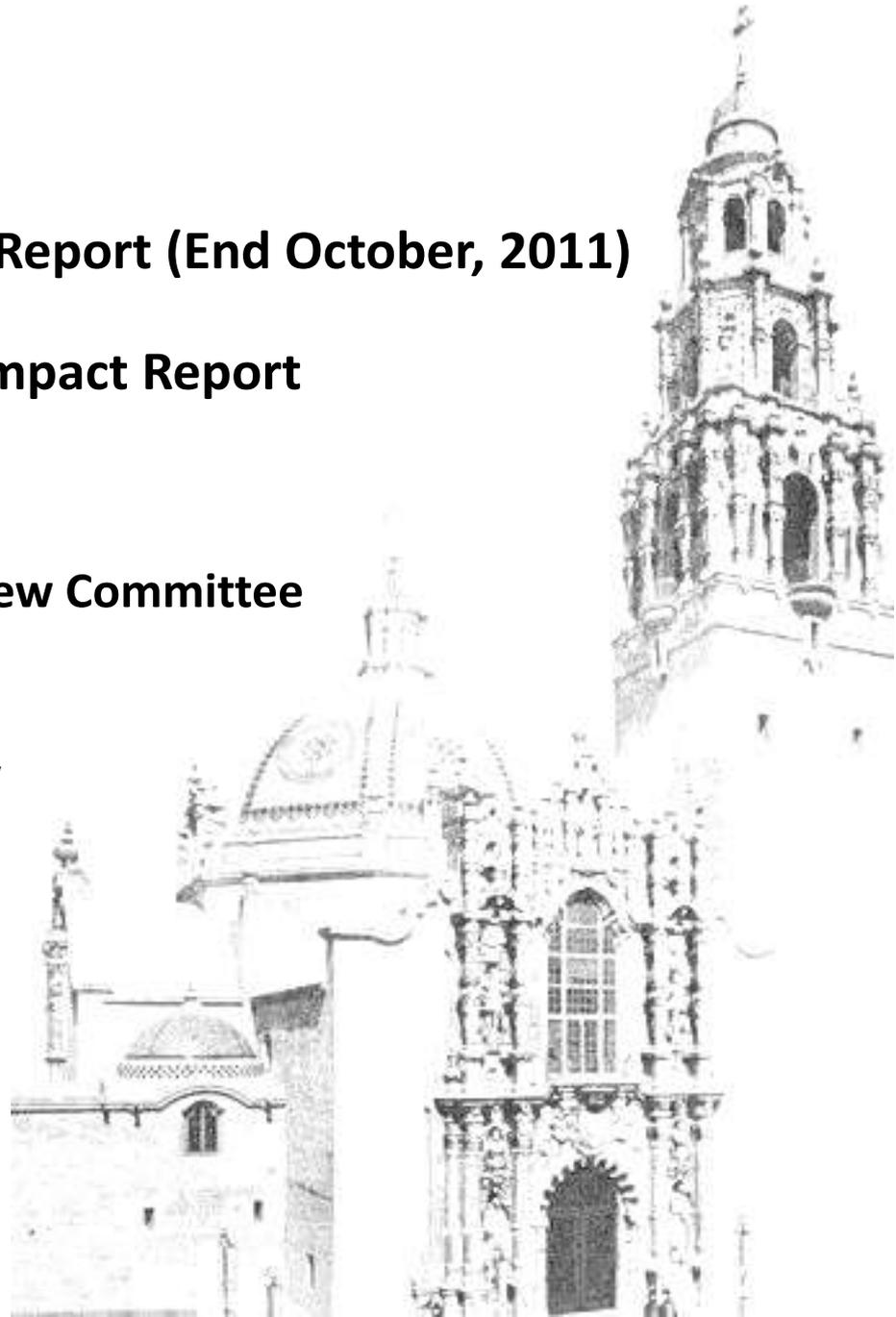
plaza de panama

Public Outreach

- **Nearly 90 meetings since August 2010, including:**
 - Monthly updates to Balboa Park Committee
 - Balboa Park institutions and interest groups
 - Community planning groups
 - Resident groups and community associations
 - Business and tourism groups
 - Individuals and small groups
 - Elected officials
- **Website www.plazadepanama.org**
- **Facebook - Reclaim the Plaza de Panama**
- **Twitter - @plaza_de_panama**

Next Steps

- **Complete Environmental Impact Report (End October, 2011)**
- **Public review of Environmental Impact Report**
- **Advisory committee votes:**
 - ✓ **Balboa Park Committee**
 - ✓ **Park and Recreation Design Review Committee**
 - ✓ **Park and Recreation Board**
 - ✓ **Historic Resources Board**
 - ✓ **Mayor's Committee on Disability**
- **Planning Commission approval**
- **City Council approval**



Future Public Transit and Tram Overview

