MISSION VALLEY
Community Plan Update

Major Infrastructure and Active Transportation Opportunities

October 14, 2016

Overview

- 3:00 – 3:40
  - Overview presentation
- 3:40 – 4:30
  - Discussion and Tabletop Exercise

1985 Community Plan

- Overall Goal:
  - To provide a Community Plan for Mission Valley which allows for its continued development as a quality regional urban center in The City of San Diego while recognizing and respecting environmental constraints and traffic needs, and encouraging the Valley's development as a community.

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Objectives

- Encourage high quality urban development in the Valley which will provide a healthy environment and offer occupational and residential opportunities for all citizens.
- Provide protection of life and property from flooding by the San Diego River.
- Provide a framework for the conservation of important wetland and riparian habitats balanced with expanded urban development.

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Objectives

- Facilitate transportation through and within the Valley while establishing and maintaining an adequate transportation network.
- Provide public facilities and services that will attend to the needs of the community and the region.
- Provide guidelines that will result in urban design which will be in keeping with the natural features of the land and establish community identity, coherence, and a sense of place.

1985 Plan Alternatives

#	Use Focus	Intensity	Transportation	Flood Protection
1	Existing Zoning (No Project)	Low	Surface Improvements	None
2	No structures in Floodplain	Low	Surface Improvements	None
3	Hi-Rise	High	Significant	Concrete Channel
4	Office	Moderate	Moderate	100 year flood, soft bottom channel (49,000 cfs)
5	Multi-Use	Moderate	Moderate	100 year flood, soft bottom channel (49,000 cfs)
6	Residential	Moderate	Moderate	100 year flood, soft bottom channel (111,000 cfs)
7	No project with more people	Low	Surface Improvements	None
8	Multi-Use with 2.0 FAR	Moderate High	Moderate	100 year flood, soft bottom channel with supplemental diversion facility

Percent of Trips Used per Developable Parcel in Mission Valley Using 2012 Existing Conditions Data (City Land Use Codes)

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Major Infrastructure Projects

1985 Proposed Streets

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Current Proposed Streets

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Completed Streets

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Widening Projects in Plan

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Remaining Unbuilt Streets

- Mission Valley Community Plan
  - Via Las Cumbres extension with I-8 interchange
  - Riverwalk Drive extension
  - Colusa Street extension
  - Fenton Parkway extension with Camino del Rio North realignment
- Other Community Plans
  - Santo Road extension

Remaining Unbuilt Projects

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Projects in Process

- Hazard Center Drive
  - Design complete, construction starting soon
- SR 163/Friars Interchange
  - Design complete, construction starting February/March 2017
- Franklin Ridge Road
  - Serra Mesa Community Plan Amendment in Process, no decision has been made

Projects in Process

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Potential Roadway Projects

- I-8 Corridor Study
  - Hotel Circle Loop
  - Closure of hook ramps
- Other ideas not yet analyzed
  - Connect Frazee Road to Metropolitan Drive
  - Reconfiguration of Texas Street/Qualcomm Way interchange
  - Reconfiguration of Mission Center Road interchange

Other Street Opportunities

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Diverging Diamond

- May have potential for Texas/ Qualcomm

Street Opportunity at Fashion Valley Road

Presented by Rob Hutsel

Street Opportunity at Fashion Valley Road

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Street Opportunity at Fashion Valley Road

Presented by Rob Hutsel

Fashion Valley Road Alternatives

Presented by Rob Hutsel

Untitled layer

- Option 1
- Option 2
- Option 3

Fashion Valley Road Alternatives Presented by Rob Hutsel

Untitled layer

- Option 1
- Option 2
- Option 3

Street Opportunity at Fashion Valley Road

Presented by Rob Hutsel

Via Las Cumbres - Auto

LEGEND

- Proposed Roadway
- Trolley Bridge
- River Bridge

North

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Emergency Access/Transit

LEGEND

- Proposed Roadway
- Trolley Bridge
- River Bridge
- Pedestrian/Bicycle/Emergency/Transit Way

North

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Bike and Ped Only Over River

LEGEND

- Proposed Roadway
- Trolley Bridge
- River Bridge
- Pedestrian/Bicycle Way

North

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No River Bridge

$25 million:
Grade-separated connection to extended Riverwalk Drive

LEGEND
Proposed Roadway
Trolley Bridge

North

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Riverwalk Drive (to Napa St.)

$70 million:
4 lane with cycle track

LEGEND

Proposed Roadway
Trolley Bridge

North

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Riverwalk Drive (to Calousa St.)

$60 million:
4 lane with cycle track

LEGEND

Proposed Roadway
Trolley Bridge

North

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Riverwalk Dr. (to Via Las Cumbres)

LEGEND

Proposed Roadway

Trolley Bridge

North

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Fenton Parkway - Auto

LEGEND

- Proposed Roadway
- Trolley Bridge
- River Bridge
- Pedestrian/Bicycle Improvements

North

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Emergency Access/Transit

LEGEND

- Proposed Pedestrian/Bicycle/Emergency/Transit Way
- Trolley Bridge
- River Bridge
- Pedestrian/Bicycle Improvements

North

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Bike and Pedestrian Only

LEGEND

- Proposed Pedestrian/Bicycle Way
- Trolley Bridge
- River Bridge
- Pedestrian/Bicycle Improvements

North

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Transit Infrastructure

Shuttle Route in Plan

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Current Transit Services

Transit Infrastructure

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Cost Estimate: Mission Valley Center

LEGEND

Proposed Pedestrian/Bicycle Way

River Bridge

North

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Cost Estimate: Hazard Center

LEGEND

- Proposed Pedestrian/Bicycle Way
- Trolley Bridge
- River Bridge

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Active Transportation (AT) Infrastructure

Planned and Completed Bicycle Facilities

Projects in Process

Potential Projects

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Potential Active Transportation On-Street System

Easier Implementation

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Trade-Offs Required

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Community Plan Pedestrian Facilities

Completed Community Plan Pedestrian Facilities

Cost Estimate: Over I-8

LEGEND

Proposed Pedestrian/Bicycle Way

I-8 Bridge

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Complete Public AT System

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Connections on private property designed as an integrated system

Active Paseos

Potential Connections

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Flood Control

Flood Control History

- Pre-1985, flood control systems needed to provide capacity for 36,000 cfs
- This proved to be too small to contain local storm events
- 1985 called for flood control systems to provide capacity for 49,000 cfs
- Common method was through a natural bottom channel

Channeling

Another was planned at Town and Country

FSDRIP added a 50,000 cfs capacity soft-bottom channel

and Riverwalk

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Flooding

- The mismatch of capacity causes the backflow of water over the roads through FSDRIP
- Town and Country is proposing to lower river on their property, but they are not proposing a channel
- Fashion Valley mall met the capacity requirements by building a parking garage designed to flood

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Exercise

- Group Discussion
- What major infrastructure do you think Mission Valley needs in the future?

Conclusion

- No meeting in November (Veteran's Day)
- Next Meeting:
  - December 9, 3:00 p.m.

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