Balboa Park Circulation Study

Study Overview and Update
Outreach Round 1

SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY
Public Workshop #1
September 30, 2013
Today’s Presentation

- Area and study background
- Key access and circulation issues
- Overview of circulation alternatives
- Break-out discussions
- Report-back, summary, next steps
Other Area Projects
Balboa Park Community Advisory Committee

- Monitors progress, provides input on station-related improvements
- Bi-monthly meetings, open to the public
Balboa Park Circulation Study - Why?

*Improving station access, multimodal interactions*

DAILY

- Over **12,000** BART riders using 4 BART lines
- Over **20,000** Muni riders on 10 different lines

PEAK HOURS AT GENEVA AVE

- Over **1,000** pedestrians
- Over **2,000** vehicles using the I-280 ramps
Balboa Park Circulation Study Goals:

- Reduce multimodal conflicts near I-280 freeway ramps
- Support efficient and reliable bus, light rail
- Enhance safety, accessibility, and convenience for pedestrians and bicyclists
- Minimize impacts to traffic going to/coming from I-280
Circulation Study Program Elements

- I-280 interchange ramp configuration
- Auto circulation
- Transit patron pick-up and drop-off (Kiss & Ride)
- Transit circulation, boarding
- Pedestrian access
- Bicycle access
Key Circulation and Access Issues

1. Ocean Avenue / Southbound I-280 Ramp
   - High-speed uncontrolled approach with limited visibility

2. Redundant I-280 Off-Ramps

3. Geneva Avenue / Northbound I-280 Ramps
   - High pedestrian activity at ramp crossings conflicts with vehicle turning movements
   - Passenger drop-offs present safety issues and cause delays along ramp
   - Vehicle queues spill back onto freeway intermittently

4. Ocean Avenue / Northbound I-280 Ramp
   - Pedestrian, bicycle, and transit operations continue to be impacted by high numbers of left-turning vehicles

5. Geneva Avenue
   - Geneva Avenue is frequently congested; delays major transit routes

6. Kiss-and-Ride
   - Designated kiss-and-ride area is difficult to access and is undersized, particularly during the AM peak period
Preliminary Findings

• No “quick fix” to improving circulation
  • Key transit facilities on both Geneva and Ocean
  • Traffic issues with closing I-280 ramps
• Feasible short-term options with potential benefits
  • Fewer multimodal conflicts
  • Pedestrian access enhancements
What does “Short Term” mean?

- Develop feasible solutions that can be implemented within 2-10 years

- Consider potential solutions that cannot be implemented within 10 years

Short Term

Long Term
Alternative 1A: Balanced Traffic Network w/o Frontage Roads
Alternative 1B: Balanced Traffic Network with Frontage Roads
Alternative 2: Consolidated Interchange at Geneva Ave
Transit Patron Pick-Up and Drop-Off

- Impromptu drop sites along:
  - Geneva northbound off-ramp
  - Existing bus stops
- Potential alternate sites to be integrated with each alternative
Next Step: Evaluate Concepts

- Review community input
- Vehicle-related impacts:
  - Local intersection operations
  - Freeway ramp operations
  - Pick-up and drop-off patterns
- Transit operations
- Pedestrian connectivity & safety
- Implementation issues
## Circulation Study Schedule

<table>
<thead>
<tr>
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Breakout Groups

- Divide into groups for detailed discussion
- Maps provided for each group
- Review and discuss alternatives
- Re-convene in 45 min to share feedback from each group
Breakout Groups – Report-Back

Spokesperson from each group to summarize discussion (3-5 minutes)

Comment Cards

- Complete cards today, or
- Complete and return by October 7
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For More Information:

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