Overview

1. Performance Assessment
2. Draft Concept Overview
3. Next Steps
PERFORMANCE ASSESSMENT

• Key access management characteristics:
  – Mobility
  – Access
  – Safety

• **18 segments**
OVERALL PERFORMANCE

Mobility Score

Access Score

Safety Score
OVERALL PERFORMANCE

Segment Needs

1. B – Northbound (79)
2. H – Northbound (78)
3. B – Southbound (77)
4. H – Southbound (72)
5. E – Southbound (71)

TOTAL SCORE
- 0-20
- 21-40
- 41-60
- 61-80
- 81-100
DRAFT CONCEPT

OVERVIEW

ACCESS MANAGEMENT PLAN
Draft Concept Overview

• 36 concepts

• Ranging need, scale, & location
Draft Concept Example

- Turn Channelization
• Driveway Improvements
Low Need

- 17 Concepts
Intermediate Need

- 11 Concepts
High Need

- Includes 3 grade-separated concepts
  - Vinehill
  - Laurel/Sugarloaf/
  - Glenwood Cutoff
  - Old Santa Cruz
### Vinehill Road

<table>
<thead>
<tr>
<th>Public Outreach</th>
<th>Data Analysis</th>
<th>Concept</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Crossing needed</td>
<td>• 13 conflict points</td>
<td>• Grade separated interchange</td>
</tr>
<tr>
<td>• Left turns impact through traffic</td>
<td>• 5 crossing conflict points</td>
<td></td>
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<tr>
<td>• Truck and interregional cut-through traffic</td>
<td>• Over 500 trips per day</td>
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<td>• Top-5 housing unit density</td>
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### Sugarloaf-Glenwood Cut-Laurel

<table>
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<tr>
<th>Public Outreach</th>
<th>Data Analysis</th>
<th>Concept</th>
</tr>
</thead>
</table>
| • Crossing needed, including bike crossing  
• Left turns difficult  
• Laurel closure  
  ▪ Most users understand closure | • Top-5 segment in overall need  
• 75% median barrier coverage  
• 2 median openings  
• 10 crossing conflict points | • Grade separated interchange |
Sugarloaf-Glenwood Cut-Laurel
Old Santa Cruz Hwy

Public Outreach
- Need for express bus stop and rideshare infra.
- Left turns challenging

Data Analysis
- Lowest median barrier coverage
- Highest number of access points
- Top-5 conflict point density
- Top-5 access point clustering

Concept
- Grade separated interchange
Concept Improvements

• **Performance Measures**
  
  — Conflict Points Reduced
    • Low Need – Approx. 25%
    • Intermediate Need – Approx. 70%
    • High Need Grade Sep. – 64%
    • Full Implementation – 50%
    • Median barrier coverage
    • 100% with Full Implementation
      — Close openings at Crescent Drive, Vinehill Road, Sugarloaf Road, Glenwood Cutoff, Glenwood Drive, & Old Santa Cruz Highway
NEXT STEPS
Questions and Discussion