Completing the Humboldt Bay Trail
(“Humboldt Bay Trail South” Project)

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Public Meeting
February 27, 2018
Today’s Humboldt Bay Trail
Eureka Waterfront Trail
Arcata’s Humboldt Bay Trail Segments
Arcata’s Humboldt Bay Trail Segments

“Humboldt Bay Trail North” Project
Today’s Humboldt Bay Trail
Future Humboldt Bay Trail (Proposed)

“Humboldt Bay Trail South”
Major Design Goals

1. Deliver a multi-modal transportation facility consistent with design standards
2. Enable high-quality recreational experiences
3. Maximize safety
4. Minimize environmental impacts and comply with regulations
5. Ensure compatibility with adjacent land use and private property
6. Design for feasible construction cost and affordable maintenance
7. Create resilience for flooding hazards and sea level rise
8. Be responsive to community needs and desires
“Humboldt Bay Trail South” Project
Segment 9 - Bracut
Segment 9 - Bracut

Continuation of trail situated between railroad and highway
Segment 9 - Bracut

New bridge (120 feet)

Proposed bridge type:
- Concrete flat slab
- Concrete deck
- Aluminum railings
Bridge Types

QUESTION:

Should the design of the new bridges be consistent with the existing trail bridges? Or should alternatives be considered?

Eureka Waterfront Trail near Target

Arcata’s Bay Trail segment over Jacoby Creek
Segment 9 - Bracut

Existing conditions
Segment 9 - Bracut

Visual simulation
Segment 9 - Bracut
Segment 9 - Bracut

Existing conditions
Segment 9 - Bracut

Proposed intersection
Safety consideration with proximity to Highway 101

Visual simulation

Proposed cable barrier between trail and highway
Segment 8 – South of Bracut
Segment 8 – South of Bracut

Existing conditions
Segment 8 – South of Bracut

Visual simulation of Indianola Interchange and trail
(Source: Caltrans)
Segment 8 – South of Bracut

Existing conditions
Segment 8 – South of Bracut

Proposed trail at new Indianola Interchange
Segment 8 – South of Bracut

Connection between Highway 101/Indianola Cutoff and Bay Trail

Proposed trail at new Indianola Interchange
Segment 7 – Eucalyptus North
Segment 7 – Eucalyptus North

Existing conditions
Segment 7 – Eucalyptus North

Visual simulation
Segment 7 – Eucalyptus North
Segments 7 and 8 – Between CRC (Brainard) and Bracut

Flooding damage to shoreline protection and railroad prism

December 31, 2005
Proposed repairs to shoreline protection and rail prism where currently damaged
Segments 5 and 6 - CRC

- New bridge (200 feet)
- Potential New bridge (80 feet)
Segments 5 and 6 - CRC

Proposed bridge types:
- Concrete slab
- Concrete deck
- Glue-laminated treated timber railings

Example of timber railings
Segments 5 and 6 - CRC

Visual simulation
Segment 4 – Eureka Slough to CRC
Segment 4 – Eureka Slough to CRC
Segment 3 – Eureka Slough North
Segment 3 – Eureka Slough North
Segment 2 – Eureka Slough Crossing
Segment 2 – Eureka Slough Crossing

Existing conditions
Segment 2 – Eureka Slough Crossing

Example of “cooperative use” bridge in Chicago
Segment 2 – Eureka Slough Crossing

Examples of railroad crossings

Eureka Waterfront Trail near C Street

Samoa Boulevard In Arcata
Segment 2 – Eureka Slough Crossing
Humboldt Bay Trail North - Modification

Proposed cable barrier addition to existing trail
Environmental study report (CEQA)

• Public review document released February 16, 2018

• Document available at: www.humboldtbaytrail.info

• 11 mitigation measures

• Comment period through March 19, 2018
## Estimated Costs

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<thead>
<tr>
<th>Phase</th>
<th>Estimated Cost</th>
<th>Status</th>
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<tbody>
<tr>
<td>Technical studies, design,</td>
<td>• $2 million</td>
<td>• Funded by regional transportation funds</td>
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<tr>
<td>engineering</td>
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<tr>
<td>Right-of-Way</td>
<td>• Approximately $1.5 to 2 million (uncertain</td>
<td>• Working with HCAOG and Caltrans to apply existing funding</td>
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<tr>
<td></td>
<td>without appraisals)</td>
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<tr>
<td>Wetland Mitigation</td>
<td>• Approximately $1 to 1.5 million</td>
<td>• Working with HCAOG and Caltrans to apply existing funding</td>
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<tr>
<td>Construction</td>
<td>• $14 million to $16 million</td>
<td>• Currently unfunded&lt;br&gt;• County to apply to Active Transportation&lt;br&gt;</td>
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<td>Program in July 2018&lt;br&gt;• Additional cost-share funding may be needed</td>
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<tr>
<td></td>
<td></td>
<td>(Coastal Conservancy, Caltrans, Humboldt Bay Trail Fund, HCAOG)</td>
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<tr>
<td>Maintenance</td>
<td>• Not yet determined</td>
<td>• Need to develop maintenance plan (responsibilities and funding)</td>
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<td>• Humboldt Bay Trail Fund and HCAOG are assisting</td>
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## Timeline and Next Steps

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<tr>
<th>Timeline</th>
<th>Activity / Milestone</th>
<th>Opportunities for Public Involvement</th>
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| Tonight       | • Public Meeting                                                                      | • Verbal comments  
• Comment form (through March 19)                                                                                                                                   |
| April-May 2018| • Complete environmental study phase (CEQA)                                           | • Written comments (through March 19)  
• Future Bd. of Supervisors meeting to adopt                                                                                                                             |
| April-June 2018| • RCAA to conduct trail counts, user surveys, interviews                             | • Participate in surveys and interviews                                                                                                                                 |
| July 2018     | • County to submit grant application for majority of construction funding            | • Humboldt Bay Trail Fund                                                                                                                                           |
| 2018-2020     | • Obtain right-of-way and permits  
• Secure plan and funding for wetland mitigation                                      | • Future NCRA meeting (license agreement)  
• Future Coastal Commission hearing for coastal development permit                                                                                                       |
| Ongoing       | • Development of maintenance plan                                                    | • Volunteer Trail Stewards  
• Humboldt Bay Trail Fund                                                                                                                                              |
| 2021          | • Earliest possible year of construction                                             |                                                                                                                                                                    |
Give us feedback

1. What are your impressions of the current design?
2. Do you have suggestions for improving the design?
3. Is this project still a regional priority?