

FINAL DESIGN CONCEPTS
Conceptual Master Plan



- Parking
- Wheelchair-accessible
- EMT first aid access point
- Focus Areas
- Access Point to Clinch River
- Community Connections
- Walking Trail

Richlands Walking Trail Extension
 September 24, 2013
 Final Conceptual Master Plan

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NOTE: PROPOSED GREENWAY TRANSECTS PRIVATE PROPERTIES. OWNERS' CONSENT IS REQUIRED.



FINAL DESIGN CONCEPTS
Trail Zones and Identification Map

Richlands, VA Site Analysis

- Clinch River
- Proposed Trail
- Proposed Trail, Phase 2
- Existing Trail, Critterville
- Proposed Crosswalk
- Railroad Circulation

Zone Trail Lengths

Historic Zone: .36 miles	Wildlife Zone: .52 miles	Waters Edge Zone: .33 miles
Woodland Zone: .27 miles	Recreation Zone: .18 miles	Total Mileage: 2 miles



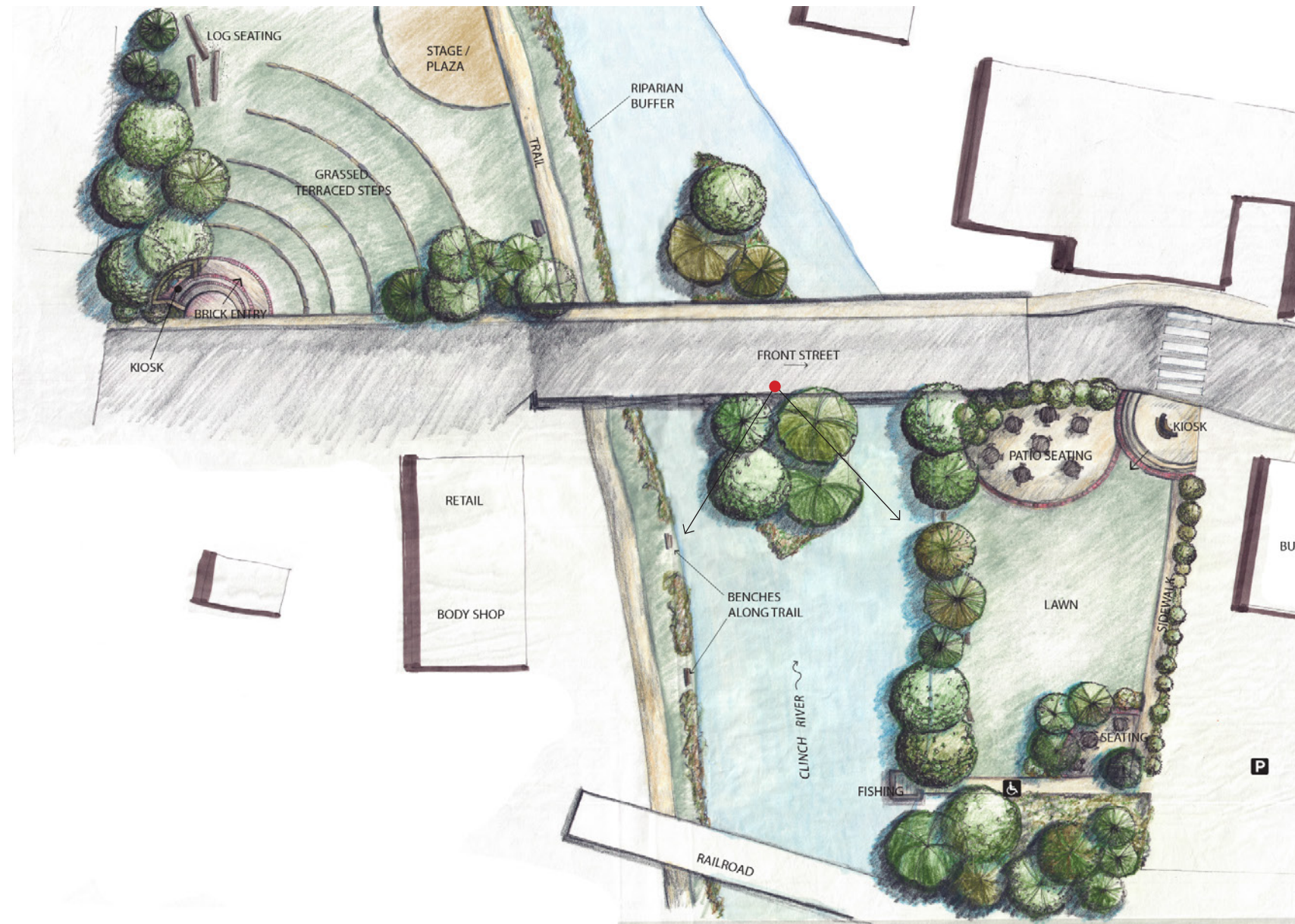
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September 24, 2013
Trail Zones and Identification Map

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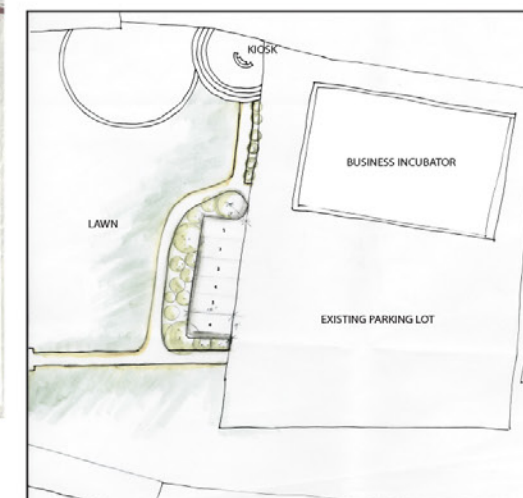
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FINAL DESIGN CONCEPTS
Front Street and Incubator Park



P Parking
♿ Wheelchair-accessible

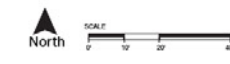


Currently the parking lot has about 23 parking spaces. In order to develop additional parking with ecological and aesthetic concerns in mind, adding a parking lot with 18'x 9' parking stalls, would add 6 more parking spaces.

- Front Street Park provides access point to walking trail. The grassy stone terraces create an amphitheater for lounging on the hillside and observing.
- Kiosks for orientation and town information in accordance with CRVI sign standards
- Incubator Park provides outdoor space for downtown and trail users.
- ADA accessible fishing pier
- Offer different types of destination spaces, passive and active

Richlands Walking Trail Extension
September 24, 2013
Final Concept: Front St. and Incubator Park

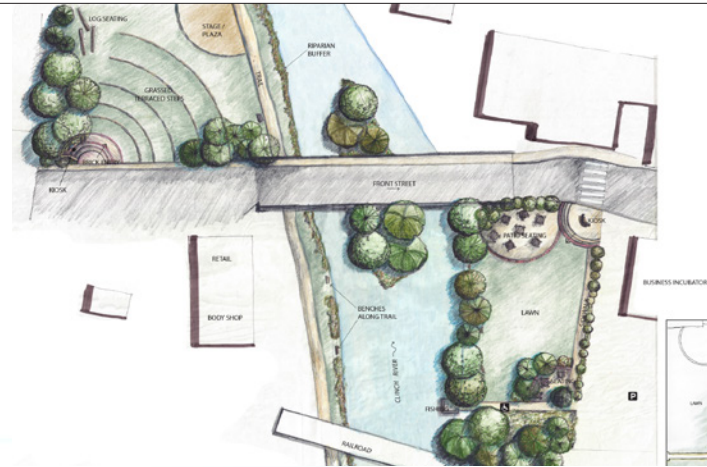
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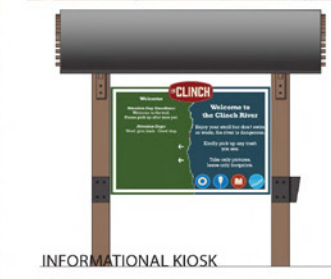
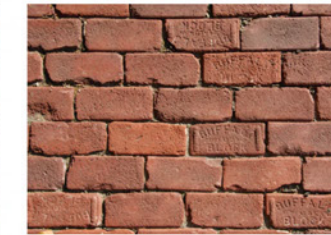
FINAL DESIGN CONCEPTS
Front Street and Incubator Park



Locator Map



PERSPECTIVE OF FRONT ST. & INCUBATOR PARK
Depicting fishing pier (left) and trail with seating (right)



Richlands Walking Trail Extension
September 24, 2013
Front St. and Incubator Park



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FINAL DESIGN CONCEPTS

Case Studies: Railroad Crossings

TRAILS PASSING UNDER RAIL LINES



Mississippi River Trail crosses under an active rail line in Rock Island, Illinois.



Trail descends from river levee to cross under rail line in Rock Island, Illinois



Trail passes under rail line along the Walnut Creek greenway in North Carolina. Automobiles are prohibited.



Trail passing under rail line along the Pa'Rus trail in Arizona.

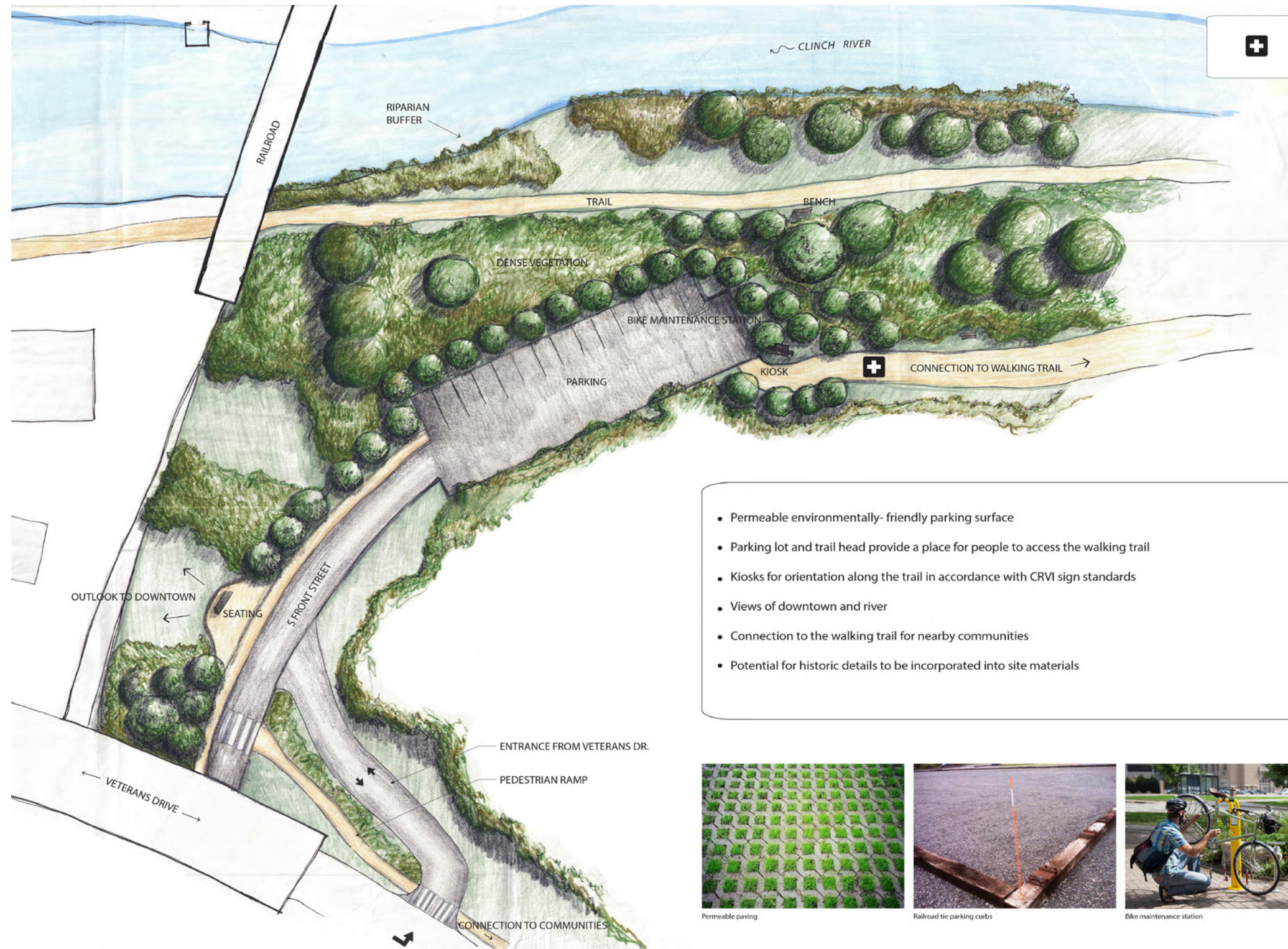


Trail passes under rail line along the Alameda greenway in California

PEDESTRIAN CROSSING ON RAILROAD TRACKS



FINAL DESIGN CONCEPTS
Supply Yard Parking Lot



EMT first aid

- Permeable environmentally- friendly parking surface
- Parking lot and trail head provide a place for people to access the walking trail
- Kiosks for orientation along the trail in accordance with CRVI sign standards
- Views of downtown and river
- Connection to the walking trail for nearby communities
- Potential for historic details to be incorporated into site materials



Permeable paving



Railroad tie parking curbs



Bike maintenance station



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Final Concept: Supply Yard Parking Lot

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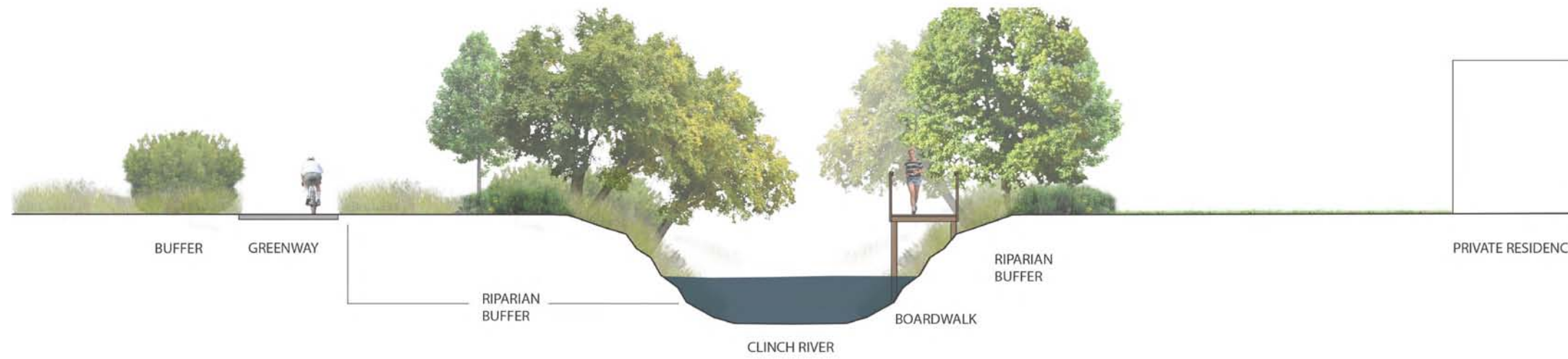


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FINAL DESIGN CONCEPTS
Buffers



Locator Map



SECTION THRU WILDLIFE ZONE

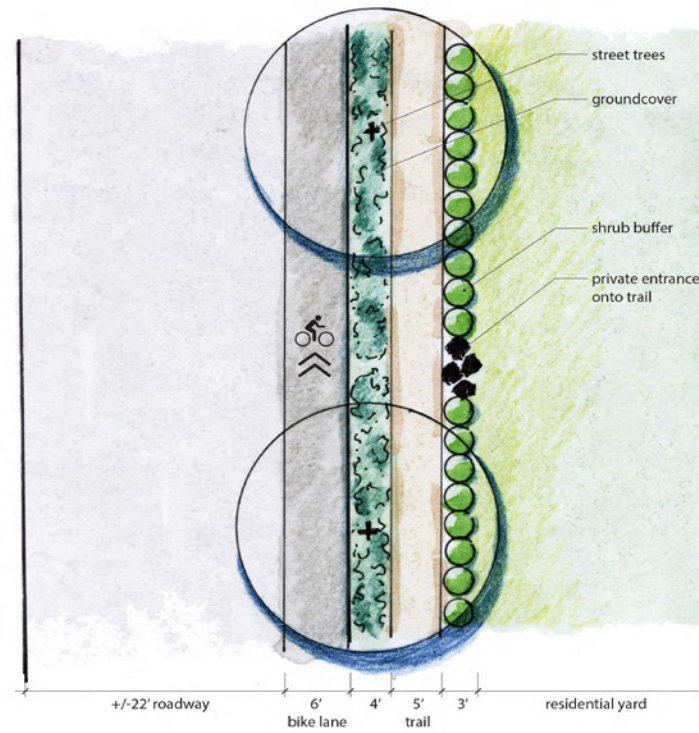
Richlands Walking Trail Extension
September 24, 2013
Private Residence Greenway Buffer

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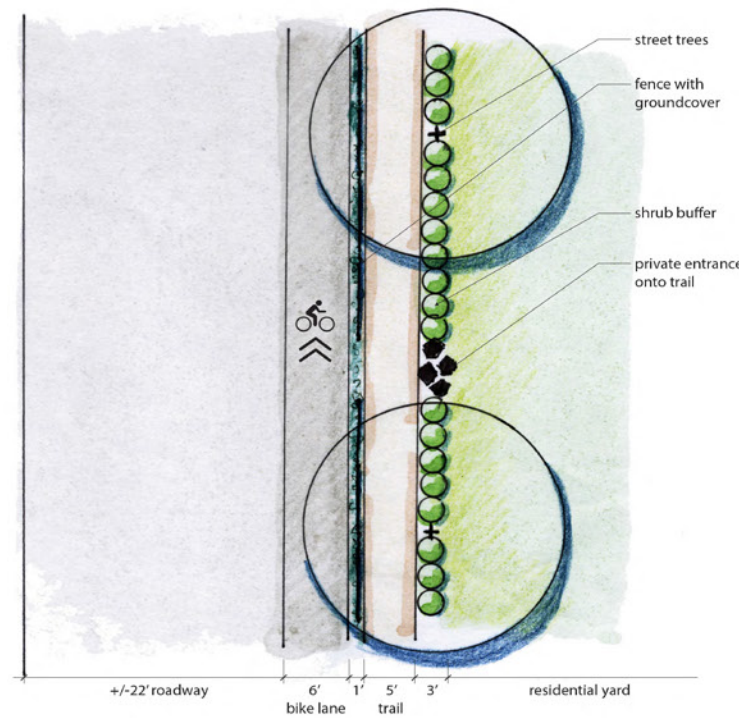


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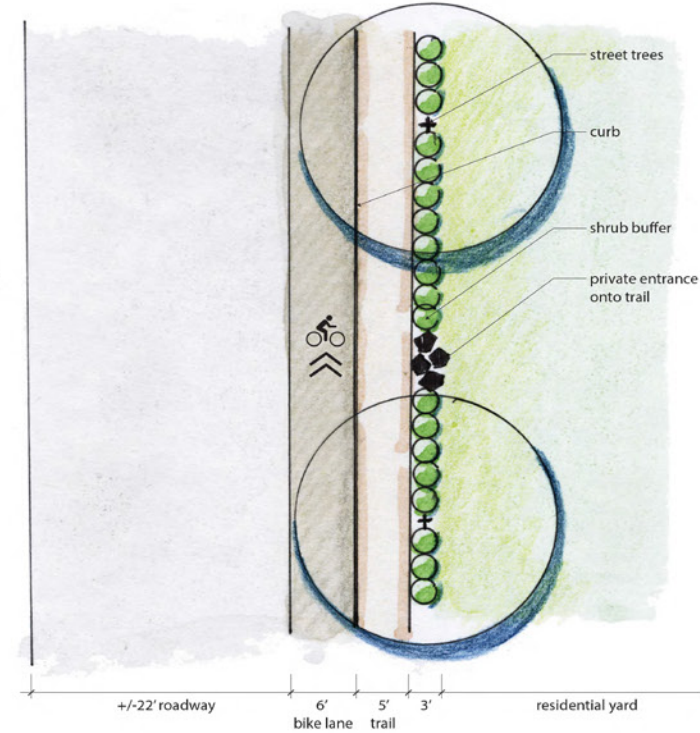
4th STREET GREENWAY BUFFER OPTIONS



OPTION A

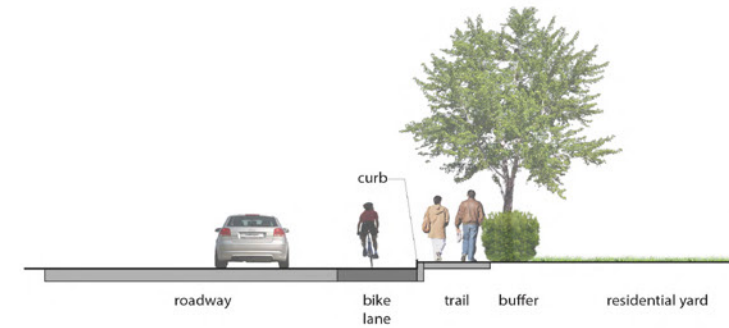
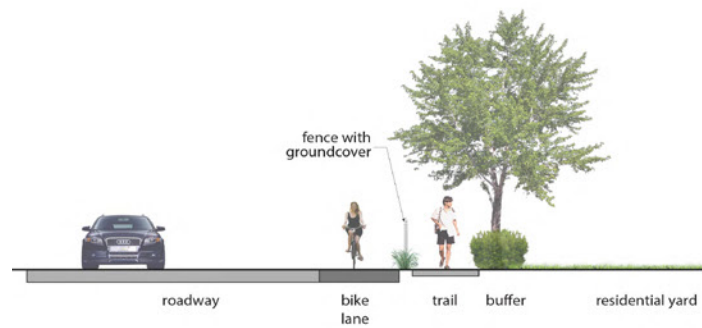
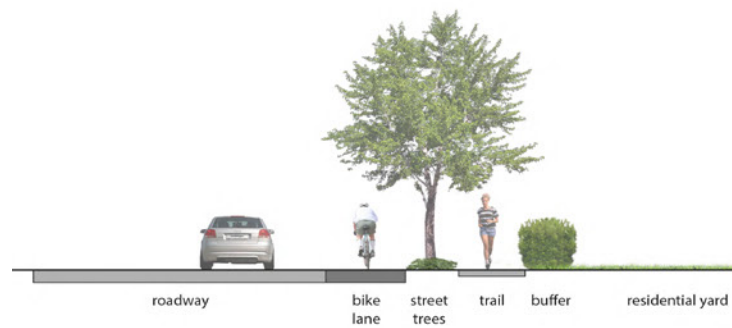


OPTION B



OPTION C

SECTIONS



FINAL DESIGN CONCEPTS
Buffers



Locator Map



PERSPECTIVE OF COMMERCIAL GREENWAY BUFFER



Richlands Walking Trail Extension

September 24, 2013

Commercial Greenway Buffer

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FINAL DESIGN CONCEPTS
Swinging Bridge Park



- Wildflower gardens for bird and butterfly viewing
- Pavilions for social occasions with ample lawn areas and grills
- Kiosks for orientation in accordance with CRVI sign standards
- Access points for boats and pedestrians.
- Riparian buffers to minimize pollutants entering the river and to stabilize the river's edge
- Playground focusing on motor-skills and creative play

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September 24, 2013
Final Concept: Swinging Bridge Park

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