

JSU-UC Berkeley Team

Justin Thomas

Claire Adams

Ras T. Cannady II

Tanisha Hinton



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Objectives

To preserve blueways and promote longitudinal development around the river



Situating the Site



LOCKE

ISLETON

Common Challenges and Assets of Older Existing Communities

- Communities showing their age
- Declining commercial corridors
- Lack of community identity
- Transportation issues
- Quality of services

Potential Sites

- Historic Interpretation
- Ecological Interpretation
- Levee / Infrastructure
- Interpretation
- Amphitheater
- Public Art / Installation
- Picnic
- Water Access



Existing Conditions



Locke, California to Isleton, California

Existing Conditions



Locke



Isleton

Some common assets benefiting existing communities include

- **Vacant and underutilized parcels** are ripe for reinvestment and redevelopment. **Abandoned buildings and vast surface parking** lots are ready for reuse. **Underutilized infrastructure** can accommodate new development with little investment.
- **Established commercial corridors** along major thoroughfares that attract both local and regional traffic, commonly recognized as centers of commerce and retail. Great regional accessibility and proximity to both central Sacramento and new peripheral growth. Areas with strong business activity and/or potential.
- **Existing private and public efforts** focused on revitalizing these areas. Strong local and regional support to maintain or re-establish these communities as vital and desirable places to live and do business.
- **High local and regional quality of life:** rich and diverse culture, prime location between the Bay Area and the Sierras, unspoiled open space and natural resources, and access to world class educational, health and recreational facilities.

Theory

“Theory is no comprehensive theory of waterfront development and research on top mostly over only few large projects in work cities. In journals and trade magazines they do not specifically address the complex set of issues involved in waterfront development”

“The Urban Land Institute (ULI), a non-profit organization dedicated to creating better places has also focused on the topic of waterfront development by offering forums, workshops, conferences, panels to educate their members and local leaders”

Strategies

- Create a more inviting space
- More shade trees / Preservation of current river with more nature/ Riparian Buffer Zones
- Open Air Museum / interpretation Center / More Signage
- Parks and Bridges to have visual and cultural connections
- Green spaces and recyclable water



River Access Improvements



Having easy access to the river

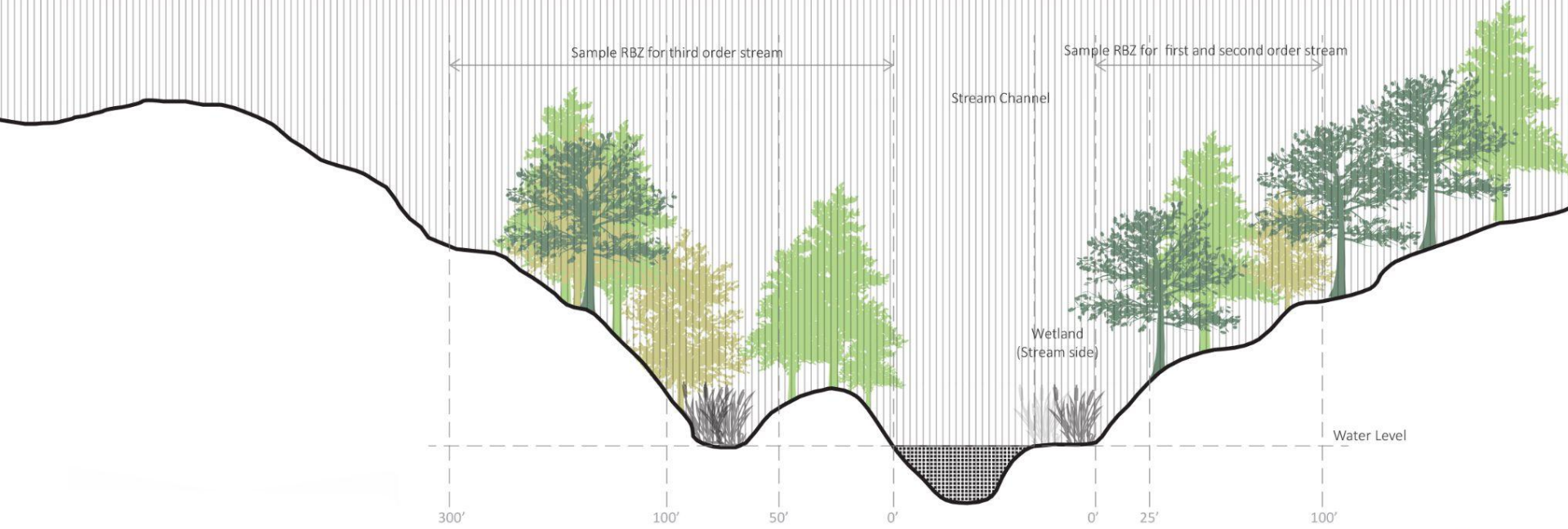


Steps leading down to the water



Habitat formation and natural access leading to the river





Plant more Shade trees: Creating Riparian Buffer Zones and inducing more Native Planting for Habitat



Interpretive Signage Along Riverfront



Biophilic Cap Park

- 350 foot-long Biophilic Cap Park (15-20 feet wide).
 - Biophilic Design, native trees
 - Provide shade and leisure based activities across the banks of the river
 - Provide signage on the side of the Cap Park that would provide guidance for ships and boats maneuvering along the river
 - Implement solar lighting under the cap park for ships or boats to maneuver at night and eliminate the “dark, brooding” effect.
 - Cap Park have a transparent floor



Recommendations

- Bring exposure to Locke and Isleton, California
- Update current conditions
- Go completely **GREEN**
 - Add solar panels for light while
 - Incorporate recyclable water
 - Updated & better restroom conditions
- Provide corridor between 2 underserved, impoverished communities
- Further studies to access land use, ownerships, and Transfer of Developmental Rights (TDR)
- Removal of levees for equity
- Add signage along green corridor



Literature

- River corridors are now valued as an amenity providing contact with nature and opportunities for leisure activities. (<https://www.proquest.com/docview/2549704073>)
- Water management in riverside locations has also become one of the main concerns in relation to climate change (<https://www.proquest.com/docview/2549704073>)
- In Cerda's theory of urbanism, rivers are discussed as a commodity for economic prosperity related to agriculture, commerce and industries and no longer an amenity for healthy living (<https://www.proquest.com/docview/2549704073>)

Precedent images (The revival of Cheonggyecheon river)

The Cheonggyecheon restoration project was centered on revitalizing the Cheonggyecheon Stream that had been covered for decades by a highway overpass. The city of Seoul used its own resources to bring new life to the downtown by enhancing the urban environment. The restoration of the Cheonggyecheon Stream led to the revitalization of central Seoul, unleashing the potential for green public space.

Credit: <https://urban-regeneration.worldbank.org/Seoul>



Precedent images (The Rice Farm- Turescape)

The Chinese rice farm that was recently named World Landscape of the Year is designed to teach people about traditional agriculture, according to Stanley Lung of landscape architecture firm Turescape.

It features a network of pathways that allow visitors to walk freely through paddy fields, observing farmers at work.

Credit:

<https://www.dezeen.com/2017/12/18/movie-world-architecture-festival-landscape-chengtoushan-archaeological-park-turescape-video/>





Conclusion

- Boosting the economy and commercial activities along the longitudinal section of the river in an eco-friendly way would help the development of public spaces along the river.
- Development of the longitudinal section of the river might help boost local ecosystem networks and improve the health of the river.
- Land-use Zoning along the longitudinal section of the river is probably the most important step towards building longitudinal connections to the river.

References

- California State Parks, State of California. "Locke Boarding House Museum." *CA State Parks*, https://www.parks.ca.gov/?page_id=24343.
- "Isleton, California." *Isleton, California (CA 95641) Profile: Population, Maps, Real Estate, Averages, Homes, Statistics, Relocation, Travel, Jobs, Hospitals, Schools, Crime, Moving, Houses, News, Sex Offenders*, <https://www.city-data.com/city/Isleton-California.html>.
- "Locke Historic-District, CA (U.S. National Park Service)." *National Parks Service*, U.S. Department of the Interior, <https://www.nps.gov/places/locke-historic-district.htm>.

Thank you !