

Protecting Coler Campus

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- **About Coler**
- Protecting Coler from Climate Change
- Conclusion/Questions

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An aerial photograph of a city waterfront, likely New York City, showing dense urban development and a large body of water. A blue banner with white and yellow text is positioned at the top. Large red text is overlaid in the center. A yellow starburst graphic is located on a small island in the water, with the word 'Coier' written next to it.

The Value of **CRITICAL INFRASTRUCTURE** lies in
the **SERVICE** it provides to **THE PUBLIC**

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Coier

Coler Rehabilitation and Nursing Care Center (Coler)



Coler
Serves
*NYC's Most
Vulnerable
Populations*

Coler is an essential health care provider

- More than 800 long term skilled nursing facility residents
- All with significant disabilities and chronic health conditions
- Significant number of residents have no health insurance

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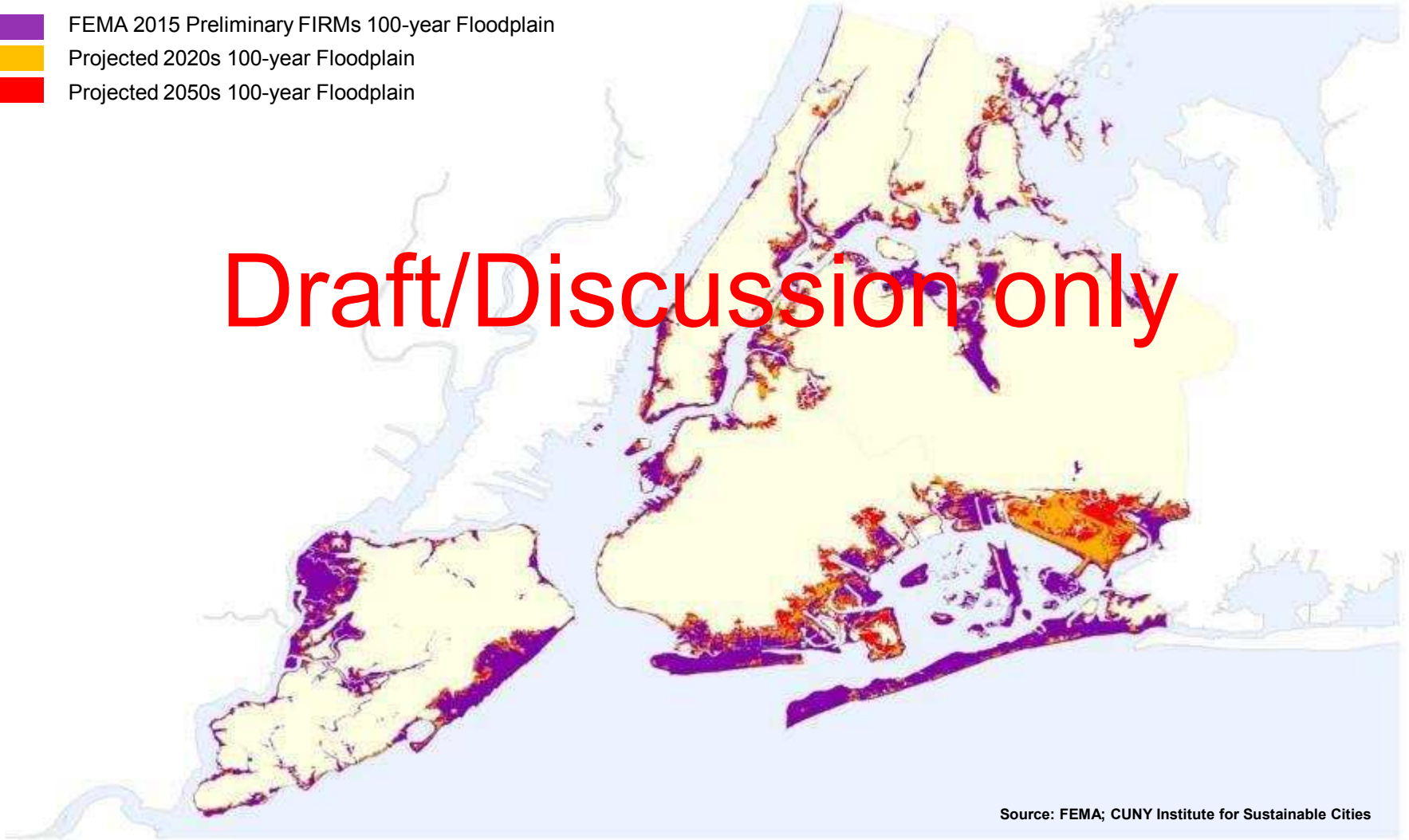
Climate Change / 21st Century Threats

New York City faces expanded vulnerability as sea levels continue to rise.

Projected floodplain for the 2020s and 2050s

-  FEMA 2015 Preliminary FIRMs 100-year Floodplain
-  Projected 2020s 100-year Floodplain
-  Projected 2050s 100-year Floodplain

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Source: FEMA; CUNY Institute for Sustainable Cities

Climate Change / 21st Century Threats

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Sandy Inundation Model

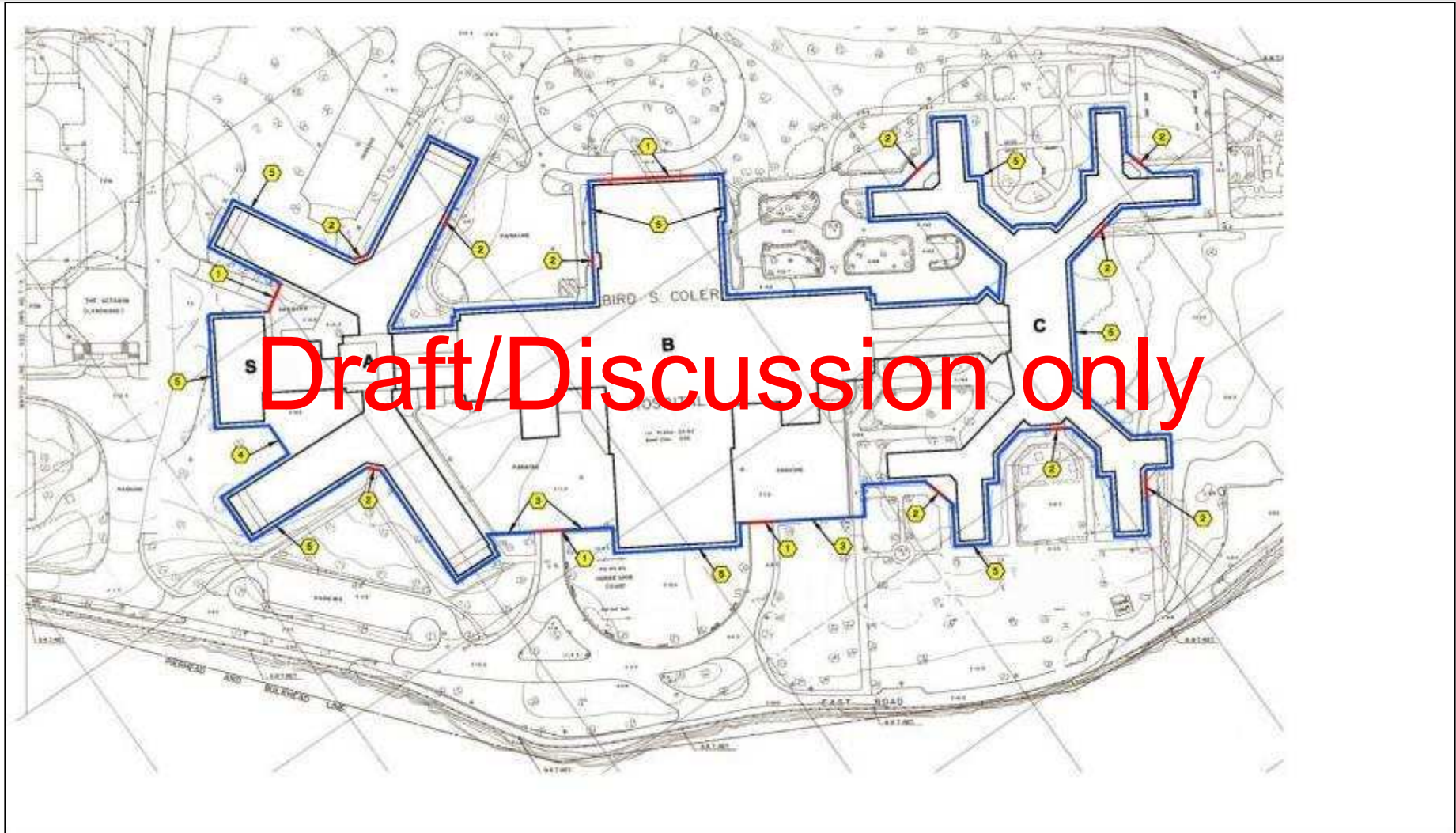


How is this Project Funded?

- FEMA Public Assistance (428)
 - Approved scope for repair and mitigation of damaged elements
 - Must be cost-beneficial
- Community Development Block Grant (CDBG)
 - 10% local match to FEMA funding
 - Being used to cover the cost of design

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An Option for Protecting Coler



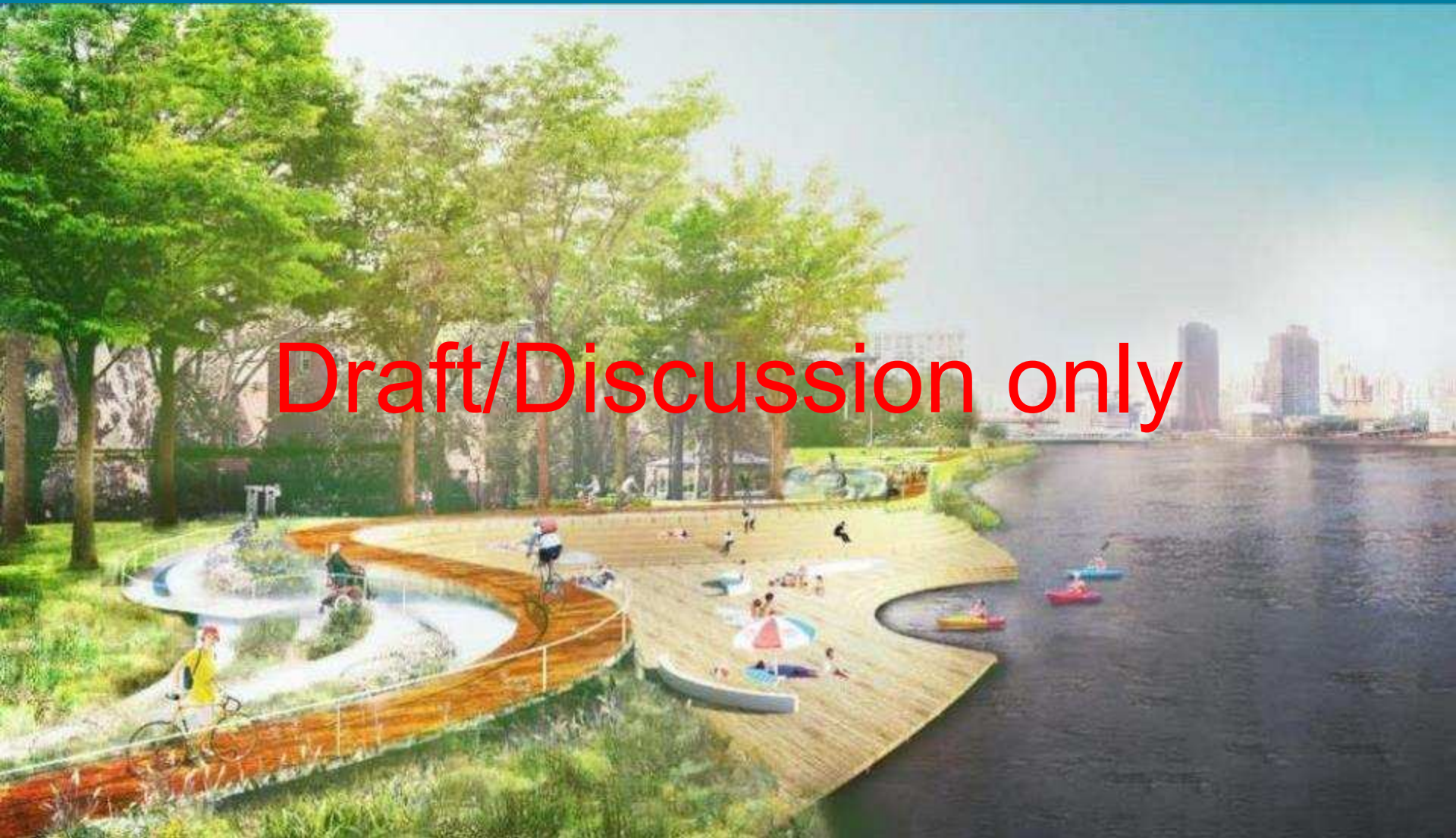
Protecting Coler Through Design



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- By elevating the shoreline around the northern end of the Island, we can both reduce the risk of water damage to the campus and create new public space for the RI community
- Together we can:
 - Improve entry to Lighthouse Park
 - Increase access to the waterfront by creating new recreation opportunities

Additional Renderings



Additional Renderings

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Additional Renderings

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Project Schedule

- The entire project is expected to take approximately 4.5 years to complete

- This will include:

- Environmental Review: 1 year
- Design: 1.5 years
- Construction: 2 years

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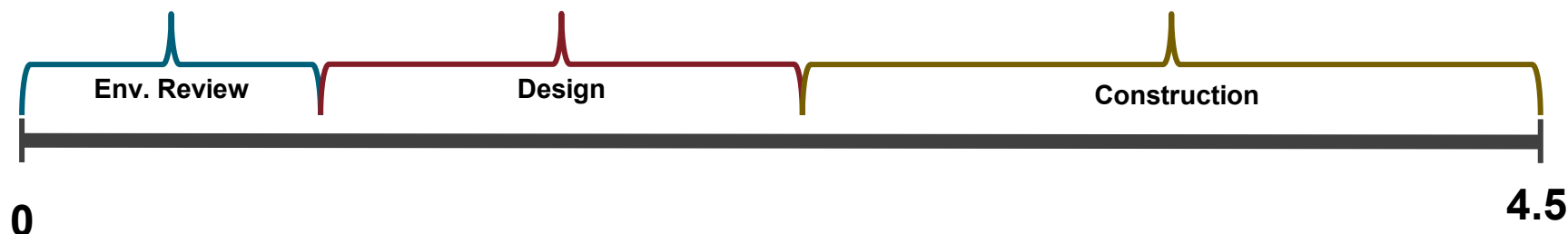


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Conclusions

- Provides flood risk mitigation up to the 500-year level of protection for Coler with low residual risk
- Maintains patient quality of life
- Integrates with surrounding land use
- Improved waterfront access
- Increases green spaces

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Thank you for this opportunity
We are happy to answer your questions

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