Agenda

1. Project History - Key Terminology
2. Where we left off
3. What DOEE has done since
4. Project Timeline
5. Contract Community Engagement Timeline
6. RFP Components
7. Interim Projects
8. Discussion
1. Kingman & Heritage Island Feasibility Study Act 2016 - Released July 2017
2. Mayor Bowser Announces $4.7 Million Investment in Kingman and Heritage Islands - January 12, 2018
3. Kingman Island Community Advisory Group (Kingman CAG) First Meeting - July 2018
4. DOEE Meeting with River Terrace Community at Anacostia Park - August 2018
Kingman CAG at Wunder Garten

Issues Discussed
1. Management of the islands and Visitor Center
2. Creating a better connection to the island from Benning Road and South Capitol Street
3. Balance between active and passive uses on the islands
4. Accessibility, safety, fire concerns
DOEE & River Terrace at Anacostia Park

Issues Discussed
1. Kingman Island Benning Road Entrance upgrade (wider gate, signage, etc.)
2. Programming on the Islands for the local community
3. Benning Road sidewalk on west side needs repair
4. Coordination with local schools for environmental education programming
What DOEE has done since

1. Research visits to other parks for relevant features (Jug Bay, Lake Artemesia)
2. Drafting the SOW
   a) Kingman and Heritage Island Feasibility Study as basis
   b) Internal team includes:
      i. Wildlife Management Branch
      ii. Restoration Branch
      iii. Green Building and Climate Branch
      iv. Energy Administration (solar technology, etc.)
      v. Toxic Substances Division (soil investigation)
      vi. Building Permit Plan Review Branch (stormwater, ESC)
   c) Sister Agencies Team: DGS, DPR, OCTO
3. Market Research - over 5 firms solicited
4. Interim Projects
5. Seeking Additional Funding
# Approximate Project Timeline

<table>
<thead>
<tr>
<th>DELIVERABLE</th>
<th>PLANNED DATE OF COMPLETION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRACTING (Design Only)</td>
<td></td>
</tr>
<tr>
<td>Contracting for Design Firm</td>
<td>August 2019</td>
</tr>
<tr>
<td>Permitted Designs and Bid-Ready Documents</td>
<td>September 2021</td>
</tr>
<tr>
<td>Contracting for Construction</td>
<td>July 2022</td>
</tr>
<tr>
<td>Project Completion</td>
<td>July 2024</td>
</tr>
<tr>
<td>INTERIM PROJECTS</td>
<td>Ongoing</td>
</tr>
</tbody>
</table>
## Community Engagement for Design

<table>
<thead>
<tr>
<th>DESIGN PHASE</th>
<th>APPROXIMATE TIMEFRAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Project Kick-Off Meeting</td>
<td>Sept. 2019-Nov. 2019</td>
</tr>
<tr>
<td>Preliminary Concept Design (30%)</td>
<td>Feb. 2020-Apr. 2020</td>
</tr>
<tr>
<td>Schematic Design (60%)</td>
<td>June 2020 - Aug. 2020</td>
</tr>
<tr>
<td>Design Development (90%)</td>
<td>Sept. 2020-Oct. 2020</td>
</tr>
<tr>
<td>Final Design (100%)</td>
<td>Dec. 2020 - Jan. 2021</td>
</tr>
</tbody>
</table>
Summary of Proposed Project Goals

Features

- A flagship project showcasing state-of-the-art sustainability goals for the District of Columbia.

- Masterplan should be developed in adherence with guiding principles of ecological restoration, biophilic design, recreation, environmental education, flexible programmable spaces, connectivity to the natural environment of the river, lake and habitats, integration of life-enhancing spaces, and universal design.

- Assessment of island conditions in preparation for developing a comprehensive ecological conservation and restoration, and management plan.

- Develop a comprehensive ecological restoration, conservation and management plan for the site.

- Review site conditions and conduct site analysis in preparation for developing designs for a Visitor Center on Benning Road that meet requirements of the Sustainable DC Plan. Examine and document sustainability goals, with the intent to maximize resilience and adaptation strategies as well as both site and building level energy and water conservation, generation and reuse strategies.

- Design a Visitor Center at the Benning Road entrance.

- Design 6 environmental education facilities (“outdoor classrooms”), as well as areas to encourage Interaction. Each outdoor classroom focuses on educating about a different habitat.

- Design features to facilitate human connection to the Anacostia River and provide strategic views of the river.

- Design pathways and boardwalks to guide visitors through the island experience, to connect the outdoor classrooms, to protect conservation areas, and to strategically direct all circulation (i.e., foot traffic, persons with disabilities, cyclists, dog walkers) to appropriate paths.

- Design wayfinding signage
Proposed Project Goals & Features

Design a Visitor Center at the Benning Road entrance.

- Design a state of the art sustainable building to welcome visitors to the islands and support youth programs. Building to include:
  - Office space for park staff with storage space for emergency medical equipment
  - Toilets for visitors to the islands
  - Storage for facilities maintenance equipment (e.g., mowers); and storage for educational equipment (e.g., boots)
  - Boot wash stations
  - Multi-purpose welcoming space to accommodate educational displays and small groups of visitors

- Building shall be developed to:
  - Achieve the goals of the Living Building Challenge
  - Be in compliance with the District of Columbia’s Green Building Act of 2006
  - Implement the latest applicable building codes and codes for ADA accessibility.

- Design an entry point that is welcoming to visitors using various forms of transportation (buses, bicycles, pedestrian)
- Associated sitework to be ADA compliant, and to include stormwater management features that shall be in compliance with the District’s Stormwater Guidebook.
Proposed Project Goals & Features
Proposed Project Goals & Features

Design 6 environmental education facilities ("outdoor classrooms"), as well as areas to encourage interaction.

- Each outdoor classroom focuses on educating about a different habitat.
- Built structures and associated infrastructure must be sited and constructed in a manner that minimizes impacts to existing wildlife habitat.

To include:
- Marsh Landing Classroom
- Gateway Meadow Classroom
- Floating Lab on Anacostia Tributary (FLOAT)
- Understory Classroom
- Area of Repose
- Eagle’s Outlook Woodland Classroom
- Sculpture Areas
Proposed Project Goals & Features

Design 6 environmental education facilities ("outdoor classrooms"), as well as areas to encourage interaction.

- Each outdoor classroom focuses on educating about a different habitat.
- Built structures and associated infrastructure must be sited and constructed in a manner that minimizes impacts to existing wildlife habitat.
Proposed Project Goals & Features
Proposed Project Goals & Features

MARSH LANDING (NORTH HERITAGE ISLAND) - WETLAND CLASSROOM

SITE PLAN & IMAGERY

Key Plan

Example Images

A. Accessible Boardwalk to Connect Bridges
B. Tiered Seating for Classes & Classroom Storage
C. Lean-to railing with interpretive wetland signage
D. Handwashing Station
Proposed Project Goals & Features

MAIN MEADOW - CLASSROOM, PAVILION, & FLOAT
SITE PLAN & IMAGERY

Key Plan

Enlarged Site Plan

Existing Aerial Plan

- F.L.O.A.T. (Floating Lab on Anacostia Tributary)
- Pavilion - shade structure with seating for 25 people
- Cisterns to capture water off of building and pump water from Kingman Lake to water the meadow
- Underground waterline for water from Kingman Lake to Cisterns for meadow maintenance
- Log seating for a class of 25 students
- Grass mown path
- ADA Accessible path
- Birdhouses located in different microclimates
Proposed Project Goals & Features
Proposed Project Goals & Features
Proposed Project Goals & Features

Design features to facilitate human connection to the Anacostia River and provide strategic views of the river.

To include:
- Natural-looking gazebos made to blend with the environment
- Fenced overlook decks
- Benches and other seating made of natural materials
Proposed Project Goals & Features

Design **pathways and boardwalks** to guide visitors through the island experience, to connect the outdoor classrooms, to protect conservation areas, and to strategically direct all circulation (i.e., foot traffic, persons with disabilities, cyclists, dog walkers) to appropriate paths.

- **Trail system should be designed in a way that will minimize impacts to existing wildlife habitat.**

**To include:**

- ADA Accessible Routes (primary 8’ wide path & secondary 6’ wide paths)
- ADA Accessible platform on Heritage Island to connect the two bridges to the islands. A path or walkway to access vernal pool habitat area without disturbing it.
- All trails to have mileage markers, wayfinding and place identification signage
- Railed boardwalk encircling the designated critical conservation area and extending into the marshes to avoid foot traffic in the designated critical conservation area (or canopy walk)
Interim Projects

- Benning Road/River Terrace Walkability Project (Tactical Urbanism Pilot)
- Mussels Grant
- High Water Mark
- Community Stormwater Solutions Grant
- Green Zone Environmental Program (GZEP)
- Invasive Removal
- Tree Planting on Heritage Island
- Vernal Pool Restoration (RiverCorps)
Tactical Urbanism

Tactical Urbanism is an approach to neighborhood building that uses short-term, low-cost, and scalable interventions to catalyze long term change.