Preferred Design

Central Artery/Tunnel Parcel 2 Park Design
Meeting 4 - November 19, 2019
Project Team / Schedule

Concept Design Options Feedback
Preferred Design
Feedback Exercise
Project Team

Kennan Rhyne
Senior Planner II, Project Manager & Contact Person

Lauren Shurtleff
Acting Director of Planning

Jill Zick
Landscape Architect

John Romano
Director of the Office of Outdoor Advertising

Jesse Brackenbury
Executive Director

Rebecca McKevitz
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Rachel Lake
Marketing & Community Affairs Manager

Sara Cohen
Principal & Project Manager, ASK+

Claire Agre
Design Principal, Unknown Studio

Meg Baldwin
Landscape Designer, Unknown Studio
Project Team / Schedule

Concept Design Options Feedback
Preferred Design
Feedback Exercise
What do people want most?

- Native Plants
- Trees
- Winter Appeal + Seasonality
- Seat-edges
- History
- Open Viewlines
- Art
- Activities/Interaction
- Intimacy
- Play
- Dogs
- Loose-Chairs
- Pollinators/Habitat
- Boardwalk
- Stone
- Respite/Quiet
- Water Feature
What concerns people most?

- Skateboarding
- Traffic / Noise
- Seat Edges
- Boardwalk
- Safety / Lighting
- Illegal / Negative Activity
- Loose Chairs
- Dog Waste
- Too Many Trees
- Bike Access
- More Open Space
- Less Open Space
- Maintenance
3 Concepts

Meadow

Grove

Garden
Which is the greenest?

- **Meadow**
  - Paved: 62%
  - Planted: 38%

- **Grove**
  - Paved: 64%
  - Planted: 36%

- **Garden**
  - Paved: 67%
  - Planted: 33%
Top Wishes:
Greenest with trees, natives, seasonality
Open views
Consolidated ‘active edge’

Considerations moving forward:
More visibility to Washington
Winter appeal
Maintenance
Lighting

Recommended Scheme
Preferred Design

Project Team / Schedule
Concept Design Options Feedback

Preferred Design
Feedback Exercise
1. Considerations
Maintenance

Source: The Rose Fitzgerald Kennedy Greenway Conservancy
### Funding

<table>
<thead>
<tr>
<th>Project</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Parcel 1B/1C Project</td>
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<td>(The Beverly and Courtyard by Marriott)</td>
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<td>Boston Garden Project</td>
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<td>(The Hub on Causeway)</td>
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<td>88 North Washington St.</td>
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<td>(hotel project pending)</td>
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### Budget

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<tr>
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<td>Construction Management</td>
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Staging & Timing

2018/2019

- Sidewalk Upgrades  
  Spring 2020
- Design Documentation Complete  
  Spring 2020
- Construction Starts  
  Summer 2020
Construction Challenges

- Shallowest soil depths along Valenti Way
- Soil depths over the tunnel range from 21” to 44”
- No structural connections to the tunnel allowed
- Utility heavy zone
- Limit to additional loads over girders
- Protective Course over Tunnel to remain and be protected

Existing Fill

Tunnel
2. Updated Plan
Design Review

- Visibility to/from Washington
- Materiality & Cost of Walls
- Views, Directionality, & Location
- Planter Feasibility for Planting & Cost
Updated Plan
3. Boardwalk Journey
A Frame for the City
4. Sections
Section at Valenti Way

Valenti Way  Sidewalk  Planter  Walkway  Meadow
Beverly Street to North Washington Street Section

Beverly Street  Park Entrance  Meadow  Walkway & Planter  Washington Street
Beverly Street Section

Beverly Street  Sidewalk  Boardwalk  Meadow
5. Plant Palette
A Seasonal Clearing in the City

July

November
Choosing from what works on the Greenway

Spotted beebalm, *Monarda punctata*

Mountain mint, *Pycanthemum muticum*

Cardinal flower, *Lobelia cardinalis*

Blue star, *Amsonia hubrichtii*

False indigo, *Baptisia* spp.

Broomsedge, *Andropogon virginicus*
Planting Plan
Understory Planting Palette

(a.) Source: autumnaliswwww.knollgardens.co.uk
(b.) Source: https://www.burpee.com/perennials/heuchera/heuchera-dales-strain--22296.html
(c.) Source: crocus.co.uk
(d.) Source: https://stonehousenursery.com
(e.) Source: northcreeknurseries.com
(f.) Source: www.kiawahisland.org
(g.) Source: sunlightgardens.com
(h.) Source: https://www.dreamstime.com/photos-images/bluestem-grass.html
(i.) Source: garden.org
(j.) Source: newmoonnursery.com
(k.) Source: heritageflowerfarm.com
(l.) Source: https://monarchbutterflygarden.net/milkweed-plant-seed-resources/asclepias-inartinata-swamp-milkweed/
(m.) Source: https://mountainsweethoney.com/product/southeast-pollinator-wildflower-seed/
(n.) Source: https://www.ecgrowers.com/Monarda-p/2804.htm
(o.) Source: amycampion.com
(p.) Source: louisvillegardencenter.net
(q.) Source: bygl.osu.edu
(r.) Source: https://plants.ces.ncsu.edu/plants/pycnanthemum-muticum/
s.) Source: specialplants.net
(t.) Source: Meg Baldwin
(u.) Source: northeastpolinator.com
(v.) Source: mailordernatives.com
(w.) Source: http://hoffmannursery.com/
x.) Source: thompson-morgan.com
(y.) Source: northcreeknurseries.com
(z.) Source: northcreeknurseries.com
(aa.) Source: northcreeknurseries.com
(bb.) Source: shop.wildseedproject.net
(cc.) Source: jardinjasmin.com

- BOOMERANG
- BIRDS BEES BUTTERFLIES
- SHRUB BREAK
- THE CLEARING
- SWOOP BREAK
- SHADE NOOKS
Spring Palette

Nodding onion, *Allium cernuum*

Ornamental onion, *Allium Globemaster*

Carex, *Carex appalachica*

Coral bells, *Heuchera americana* ‘Dale’s Strain’

Sources:
- www.ballyrobertgardens.com
- longfield-gardens.com
- http://hoffmannursery.com/plants/P16
Shrub Palette - Summer

Chokeberry, *Aronia arbutifolia*

Staghorn sumac, *Rhus typhina*

Red osier dogwood, *Cornus sericea*

Dwarf fothergilla, *Fothergilla gardenii*


Source: [https://sheffields.com/seeds/Rhus/typhina](https://sheffields.com/seeds/Rhus/typhina)

Source: [summerflickr.com/photos/plant_diversity/5257604155](https://summerflickr.com/photos/plant_diversity/52557604155)

Source: [finegardening.com](http://finegardening.com)
Shrub Palette - Fall to Winter

Chokeberry, Aronia arbutifolia
Staghorn sumac, Rhus typhina
Red osier dogwood, Cornus sericea
Dwarf fothergilla, Fothergilla gardenii
Tree Palette

Sassafras, *Sassafras albidum*

M.S. Black gum, *Nyssa sylvatica*

Swamp white oak, *Quercus bicolor*

Red maple, *Acer rubrum*

Sources:
- https://plants.ces.ncsu.edu/plants/sassafras-albidum/
- https://www.vdberk.co.uk/trees/nyssa-sylvatica/
- https://www.wildflower.org/plants/result.php?id_plant=quga
Canopy Planting Plan

(a.) Source: https://www.treeseedonline.com/store/p226/Black_Tupelo_%28nyssa_sylvatica%29.html
(b.) Source: https://www.wildflower.org/plants/result.php?id_plant=quga
(c.) Source: http://nectarie.co/sassafras-trees-for-sale/
(d.) Source: ASK +
(e.) Source: https://vanvleck.org/fall-garden-2015/acer-rubrum/

- **Black gum, Nyssa sylvatica**
- **Swamp white oak, Quercus bicolor**
- **Sassafras, Sassafras albidum**
- **Staghorn sumac, Rhus typhina**
- **Red maple, Acer rubrum**
Planting Heights Relative to Adjacent Walkway

~36"
5. Lighting Concept
Existing Lighting

12’ H. Single Acorn Light

25’ H. Pendant Light

16’ H. Double Acorn Light
Existing Fixtures
Existing Lighting with new Plan

Conclusions:
- Existing lighting is uneven across the site
- Boardwalk zone has 1.4fc
- Seating area has .35fc

Goals:
- Provide uniform lighting across the site
- Maintain existing fixtures on site
- Highlight site features: granite and the boardwalk
Existing Lights to Remain

Bollard along Boardwalk

Integrated Lighting along Walls

Reviewing adding another arm here

Lighting Concept
Proposed Fixtures

Bollard Options

In-wall Options
5. Material Palette
Big Dig Granite

Considerations:
- Color
- Program: curbs, seating, walls
- Assembly & Details
- Cost
Granite Seat Walls & Curbs

Perspective

Source: https://patrickcullina.com

Source: https://www.walkbostonhistory.com/collage-of-boston.html

Source: landezine.com
Cast-in-place Concrete Sidewalks

Considerations:
- Finish Options
- Program: Standard versus Exposed Aggregate
- Cost

Location Plan

Detail

SAWCUT CONTROL JOINT, NO LESS THAN 25% OF SLAB DEPTH
CIP CONCRETE (UNREINFORCED)
COMPACTED AGGREGATE BASE
EX. FILL
EX. WATERPROOFING
EX. TUNNEL

City of Boston Standard Color

Finer Exposed Aggregate
Larger Exposed Aggregate
Boardwalk Materials

Considerations:

- Color
- Program: curbs, seating, walls
- Assembly & Details
- Cost

Location Plan

Detail

Source: West 8

Source: https://ny.curbed.com/
Furnishings

- ADA Bubbler with Dog Fountain  
  Manufacturer: Elkay

- Greenway Bike Rack  
  Manufacturer: Dero

- Greenway Tables & Chairs  
  Manufacturer: Landscape Forms

- Greenway Wood Bench  
  Manufacturer: Victor Stanley

- Greenway Trash/Recycle Bin  
  Manufacturer: Landscape Forms

- Greenway Power Bollard  
  Manufacturer: PEDOC
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Feedback Exercise
Want to provide more feedback?

There will be 1 more Public Meeting!

Meeting 5: Design Update

For more information, visit: http://bit.ly/greenwayp2