



Improvements to
**JAMAICA
POND
PATHWAYS
AND ENTRIES**



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PROJECT TEAM

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CLOSING REMARKS & NEXT STEPS

PROJECT TEAM

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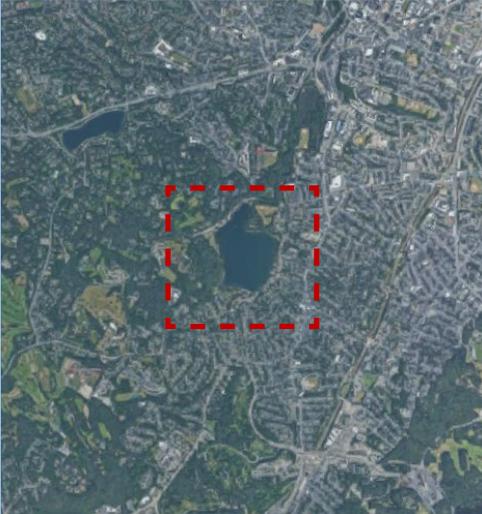


JAMAICA POND PATHWAYS SCOPE OF WORK

- **Rehabilitate pathways and entrances**
- **Improve pathway accessibility**
- **Connections to buildings, stairs and dock**
- **Site furnishings**
- **Signage**
- **Landscape rehabilitation**



PROJECT OVERVIEW



SURROUNDINGS



JAMAICA POND PARK

HISTORIC LANDSCAPE



Path and stabilizing bank vegetation, circa 1905



Cove at Pinebank, circa 1900



Boathouse and bandstand, circa 1920



Pond edge with open views, circa 1900



Perkins & Chestnut Street entrance, 1900

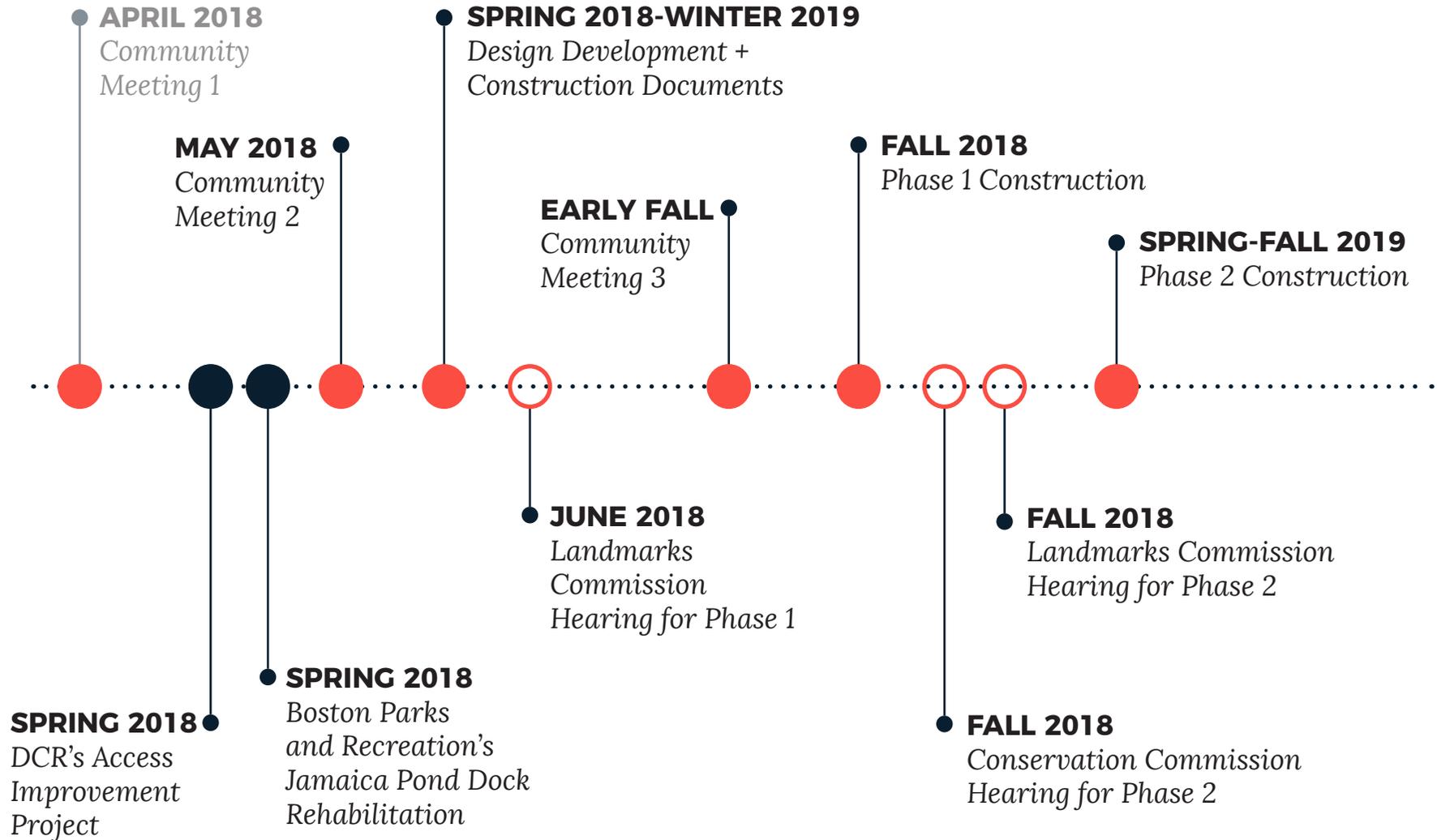
PROJECT SCHEDULE - PHASING



PROJECT SCHEDULE - COORDINATION



PROJECT SCHEDULE - TIMELINE



SURVEY UPDATE

Open since: April 10, 2018

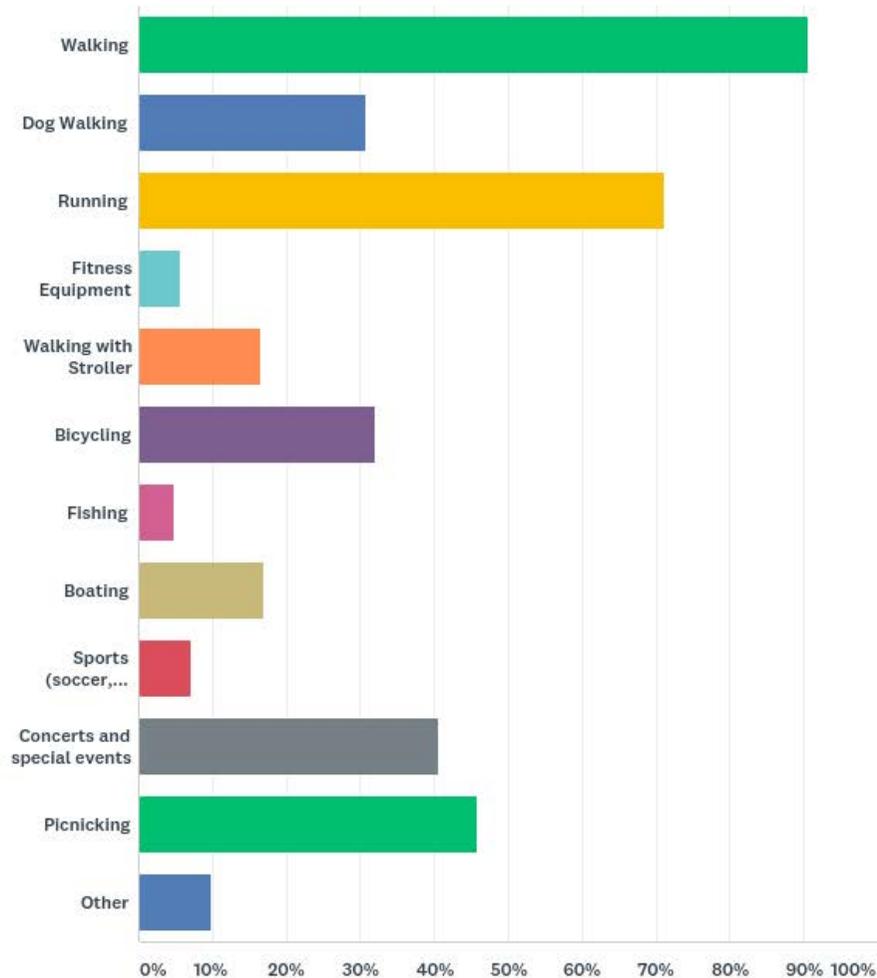
212 Respondents as of May 11

- 1. What activities do you participate in at Jamaica Pond Park?
(select all that apply)**
- 2. Which entrances do you use most frequently?
(select all that apply)**
- 3. Please list specific path locations that need rehabilitation**
- 4. If the budget allows, what improvements adjacent to the pathways are most needed?**

*** Survey will close May 31**

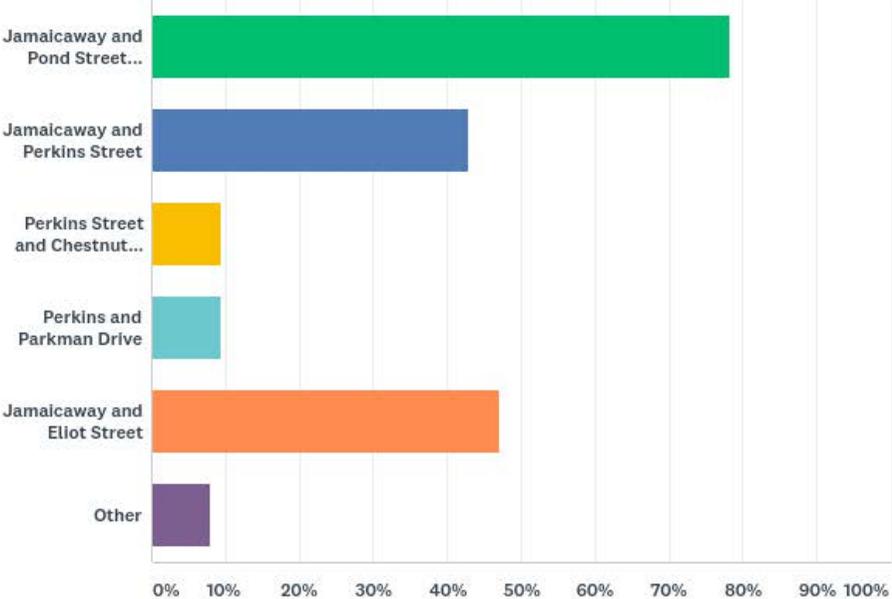
SURVEY RESULTS

Q1 What activities do you participate in at Jamaica Pond Park? (select all that apply)



SURVEY RESULTS

Q2 Which entrances do you use most frequently? (select all that apply)



SURVEY RESULTS

Q3. Please list specific path locations that need rehabilitation

144 responses

- **West side of pond** **22%**
- **All paths need work** **21%**
- **Path along Perkins Street** **13%**
- **All around the perimeter path** **9%**
- **Pond Street entry** **6%**
- **Add lighting all around the perimeter** **5%**
- **Along the edges of the pond** **5%**
- **Beach pathways** **4%**
- **All around Pinebank** **4%**
- **Bike path from Eliot to Perkins St** **4%**
- **Stairs near pond need fixing** **3%**
- **Where there is erosion along path** **3%**
- **Need more bike infrastructure** **3%**
- **Pavement is broken and falling apart** **3%**
- **Widen path on the east side of pond** **3%**

SURVEY RESULTS

Q4. If the budget allows, what improvements adjacent to the pathways are most needed?

164 responses

General comments:

- Erosion control/stormwater improvements 9%
- Off-leash dog area 2%

Access/connectivity:

- Safer access at Pond Street/Jamaicaway 2%

Perimeter path:

- Widen and/or stripe path to accommodate multiple user groups, including bikes 7%
- Provide a soft surface runners' path 7%
- Resurface the path 2%

Vegetation:

- Remove fallen trees/add more trees 12%
- Greenspace/turf improvements 6%

SURVEY RESULTS

Q4. If the budget allows, what improvements adjacent to the pathways are most needed?

164 responses

Bicycles:

- **Add clear signage/enforce no bikes** 12%
- **Create a complete bike route** 4%
- **Create bike route at Perkins Street** 2%

Site amenities:

- **Lighting improvements/lighting all around the pond** 18%
- **More/Functioning drinking fountains/bottle fillers** 16%
- **Repair/replace/add more benches** 11%
- **More/updated fitness equipment** 7%
- **24/7, safer bathrooms** 5%
- **More recycling/trash bins** 2%
- **More bike racks** 2%
- **Picnic tables** 2%

PHASE 1 ANALYSIS AND RECOMMENDATIONS

- **Historical pathway analysis**
- **Current pathway analysis**
- **Entrances to the Park - Recommendations**
- **Staircases in the Park - Recommendations**
- **Other issues: Accessibility, Vegetation, and Site Amenity Recommendations**

PATHWAY COMPARISON - HISTORIC PLAN

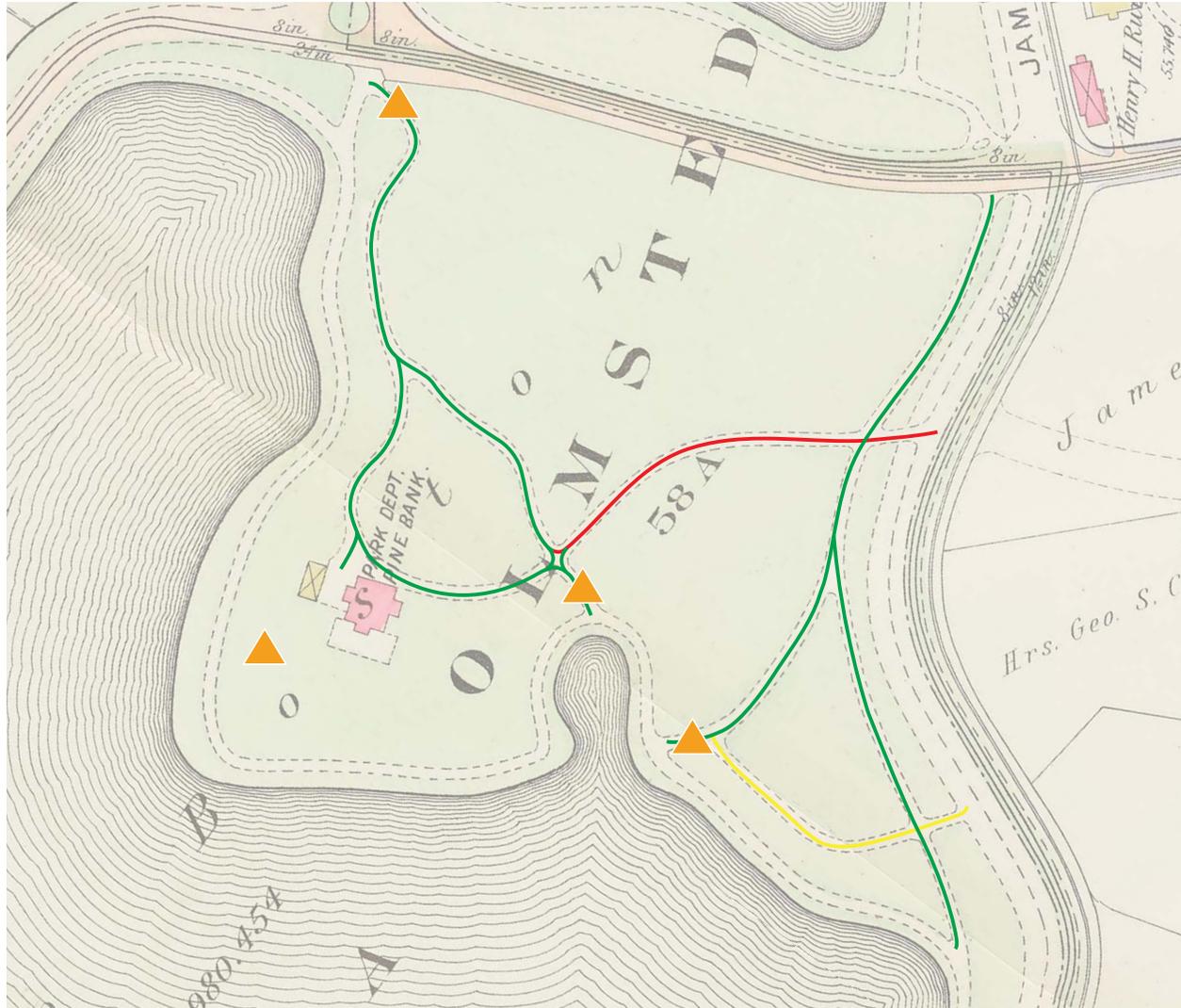


LEGEND

- Consistent paths
- 1892 paths only
- Path no longer exists
- Stairs

1892 OLMSTED PLAN

PATHWAY COMPARISON - HISTORIC LAYOUT



LEGEND

- Consistent paths
- Early 20th century alterations
- Path no longer exists
- Stairs

PATHWAY COMPARISON - HISTORIC LAYOUT



LEGEND

- Consistent paths
- Early 20th century alterations
- Mid 20th century alterations
- Path no longer exists
- ▲ Stairs

1938 AERIAL PHOTO

PATHWAY COMPARISON - 2018 to HISTORICAL



LEGEND

- Consistent paths
- 20th century alterations
- Late 20th/Early 21st century alterations, similar to historic alignment
- Late 20th/Early 21st century alterations
- ▲ Stairs

2017 AERIAL

PATHWAY ANALYSIS - EXISTING PATH WIDTH



Path Width

- Social Trails, 2-3'
- 5-8'
- 8-10'
- 10'-11'
- 12'
- 13-14'
- 14-15'
- 18'
- 24'-3"

PATHWAY ANALYSIS - EXISTING PATH CONDITION



Path Condition

- Good
- Fair
- Poor
- Social Trail

PATHWAY ANALYSIS - EXISTING ACCESSIBILITY



Accessibility

-  Accessible Paths
-  Not Accessible Paths
-  Bench with Companion Space
-  Bench without Companion Space
-  Staircase

PATHWAY RECOMMENDATIONS



LEGEND

- Pathway to remain as-is
- Repave with existing width and alignment
- Repave, adjusting width or alignment
- Pave, replacing existing material
- Re-pave pull-off area
- Pave required accessible route

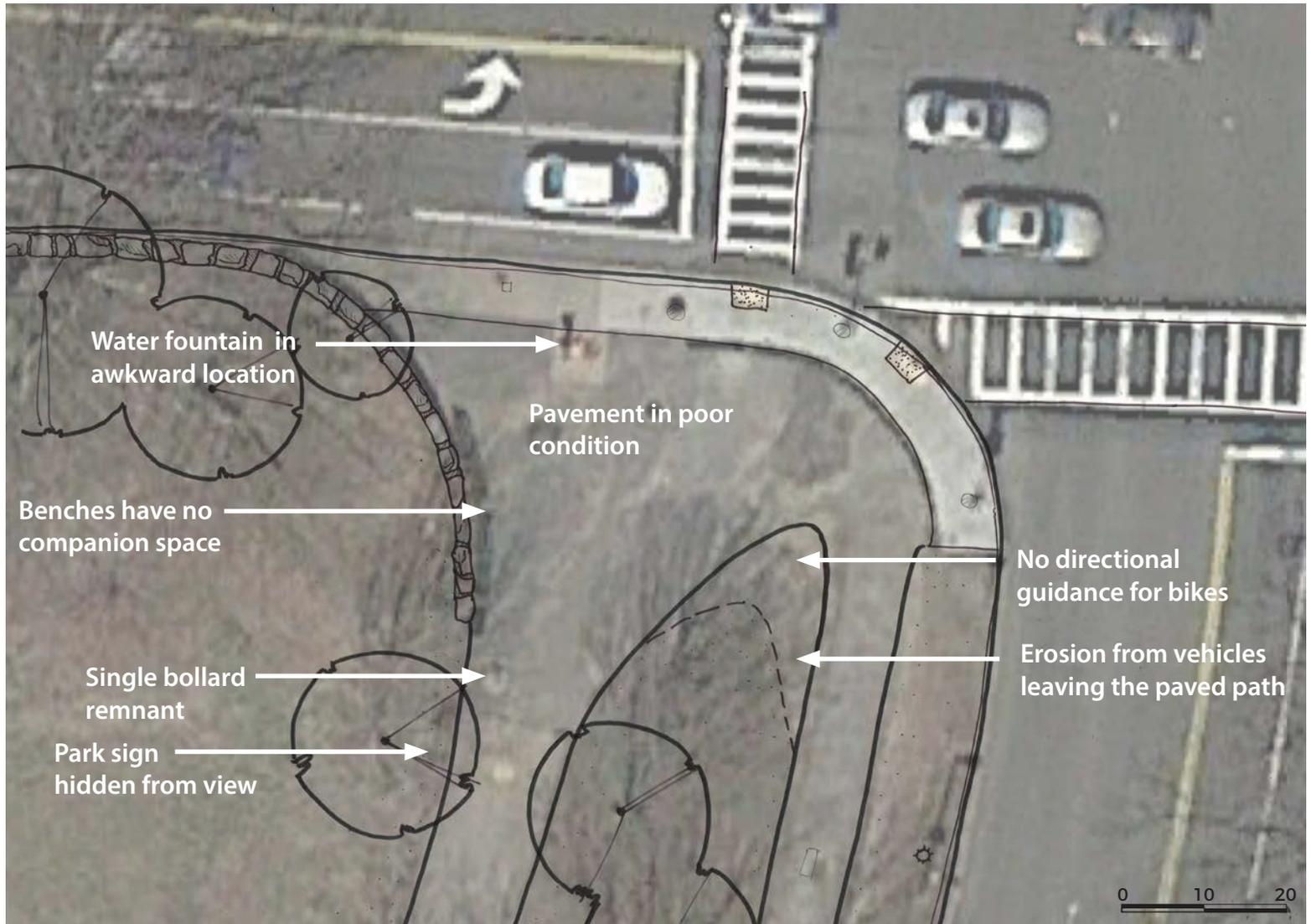
ENTRANCES



PERKINS & JAMAICAWAY ENTRANCE - EXISTING



PERKINS & JAMAICAWAY ENTRANCE - EXISTING



PERKINS & JAMAICAWAY ENTRANCE - HISTORIC

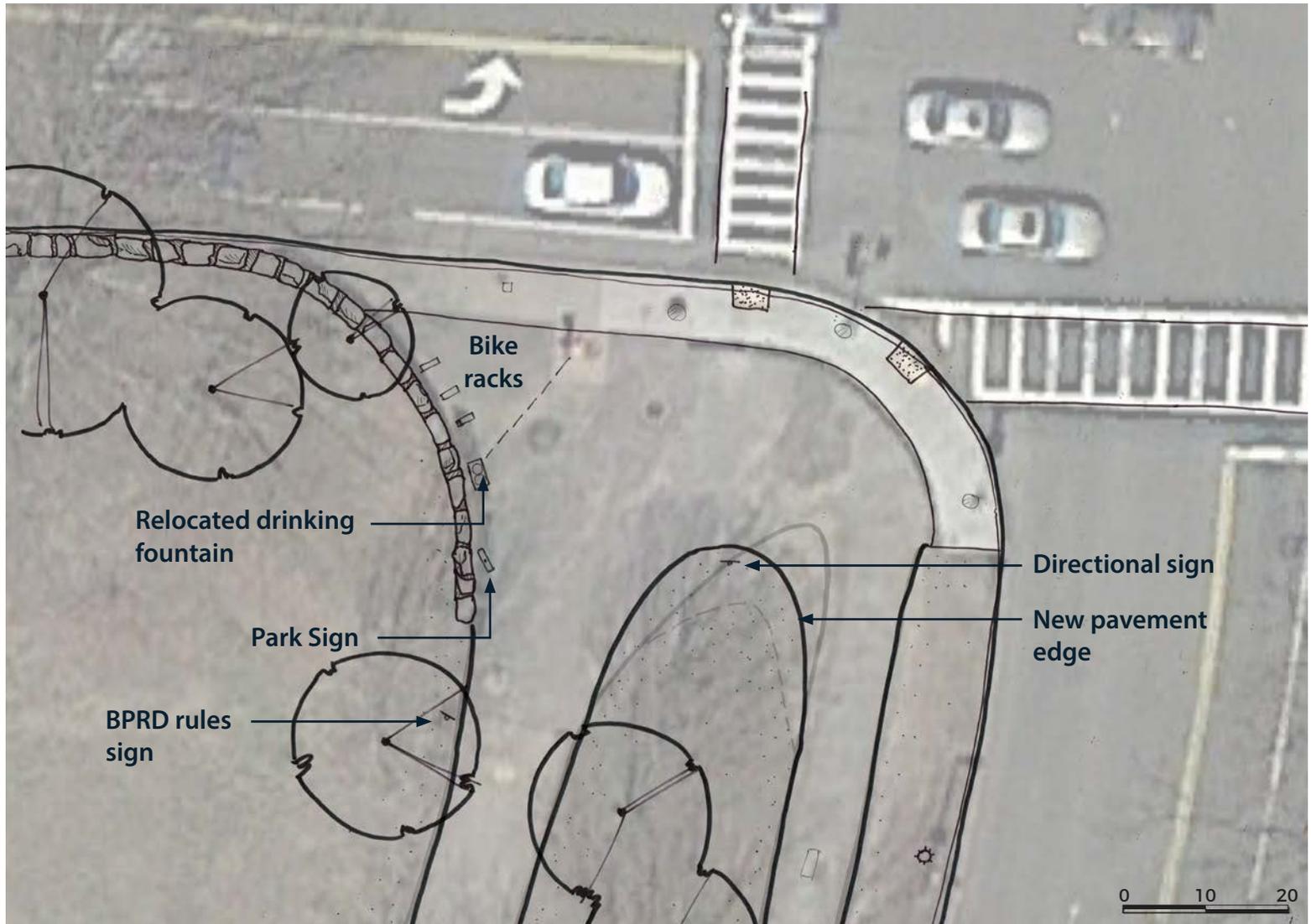


By J. Sleet Dec. 1915

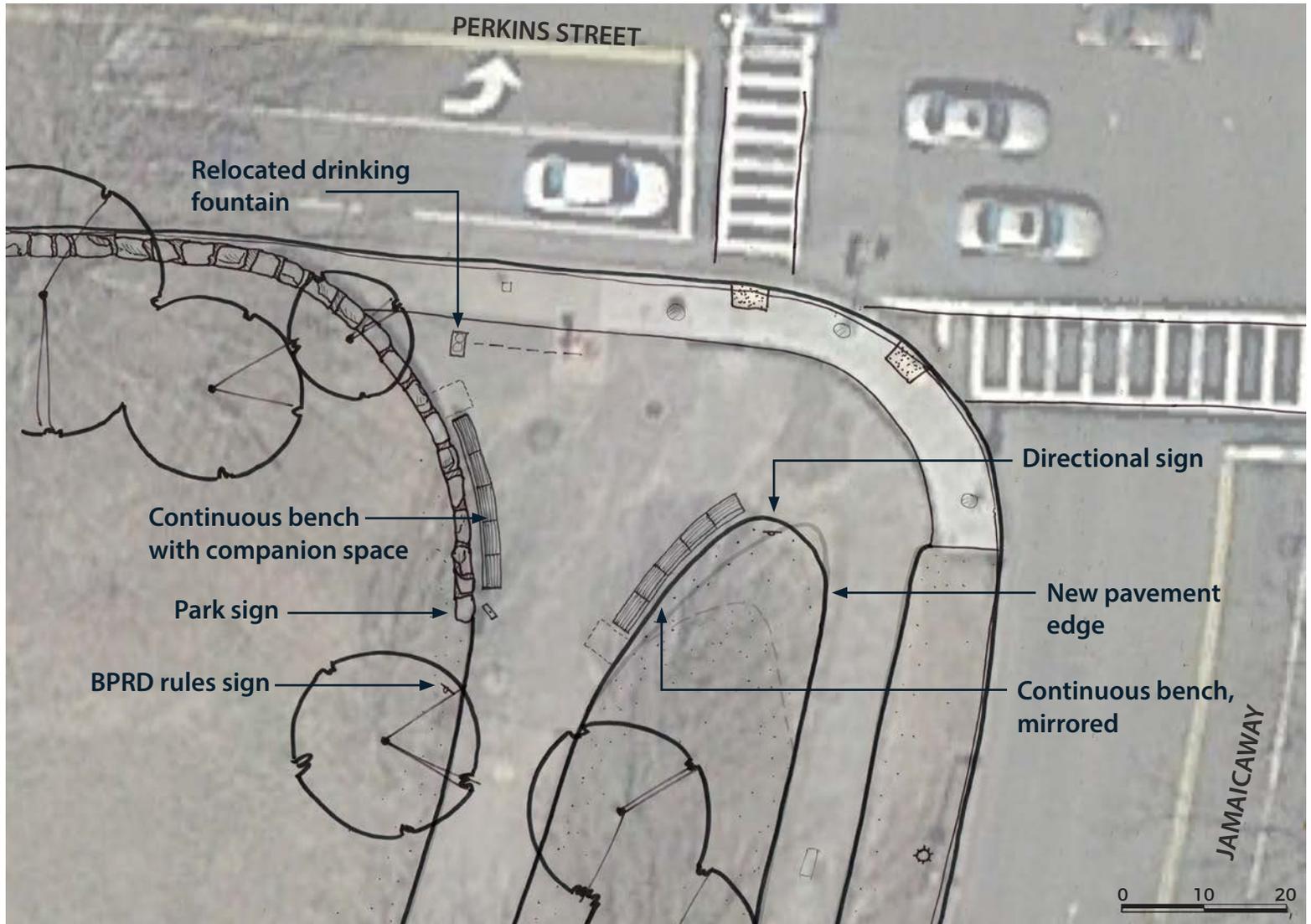
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OLMSTED PARK AT SOUTHEAST CORNER OF PERKINS STREET.

PERKINS & JAMAICAWAY ENTRANCE - CONCEPT 1



PERKINS & JAMAICAWAY ENTRANCE - CONCEPT 2

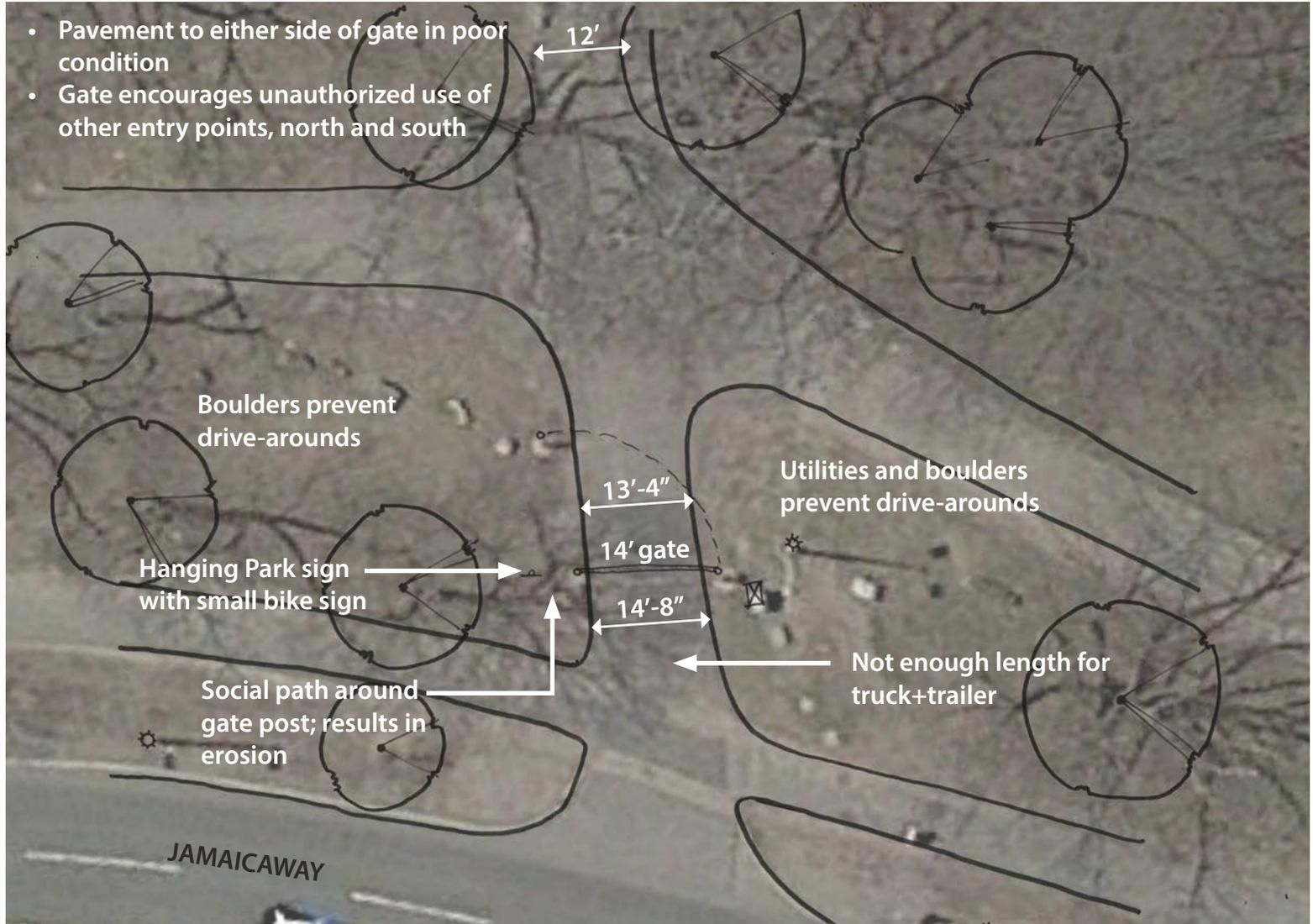


PINEBANK DRIVE - EXISTING

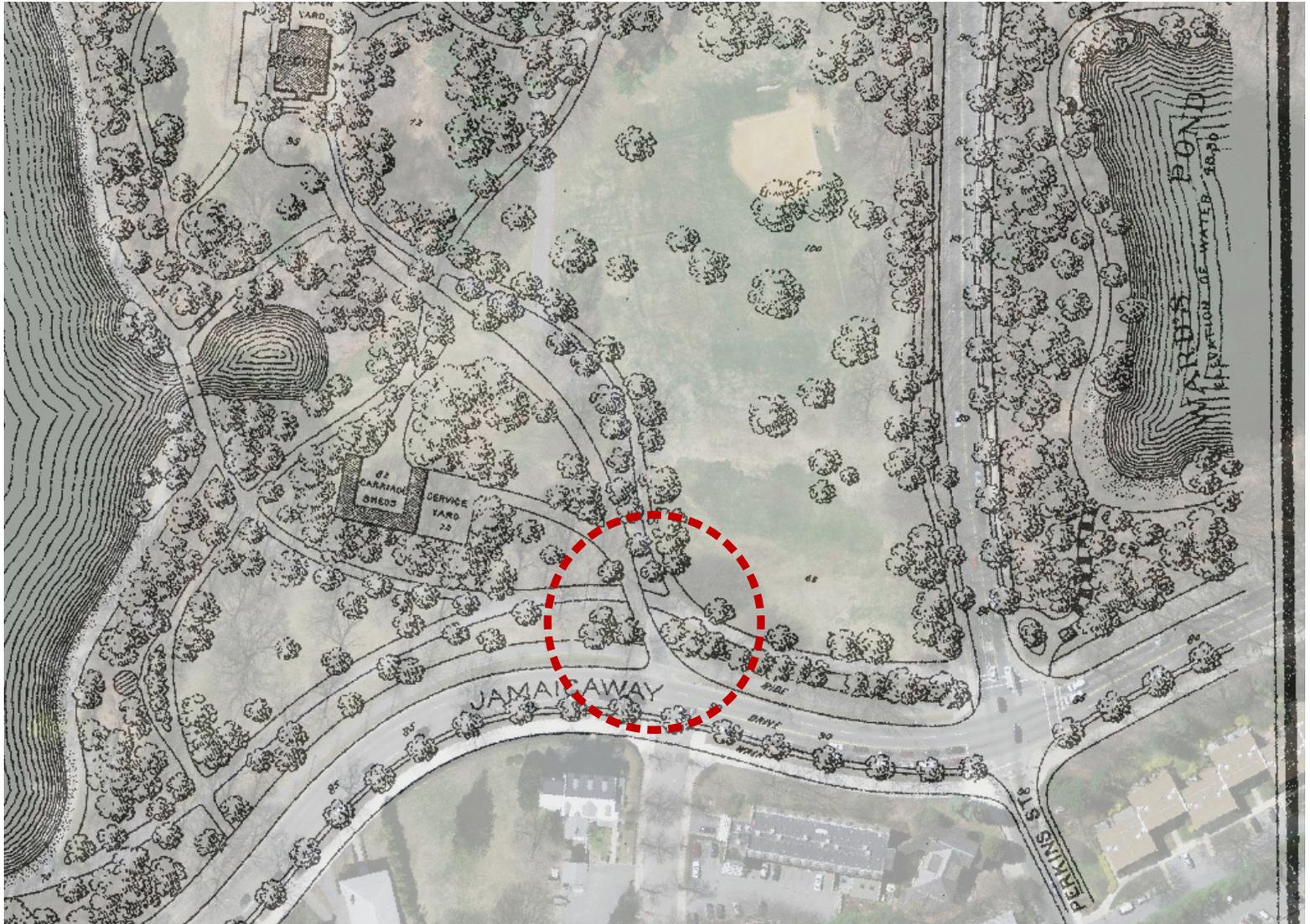


PINEBANK DRIVE - EXISTING

- Pavement to either side of gate in poor condition
- Gate encourages unauthorized use of other entry points, north and south

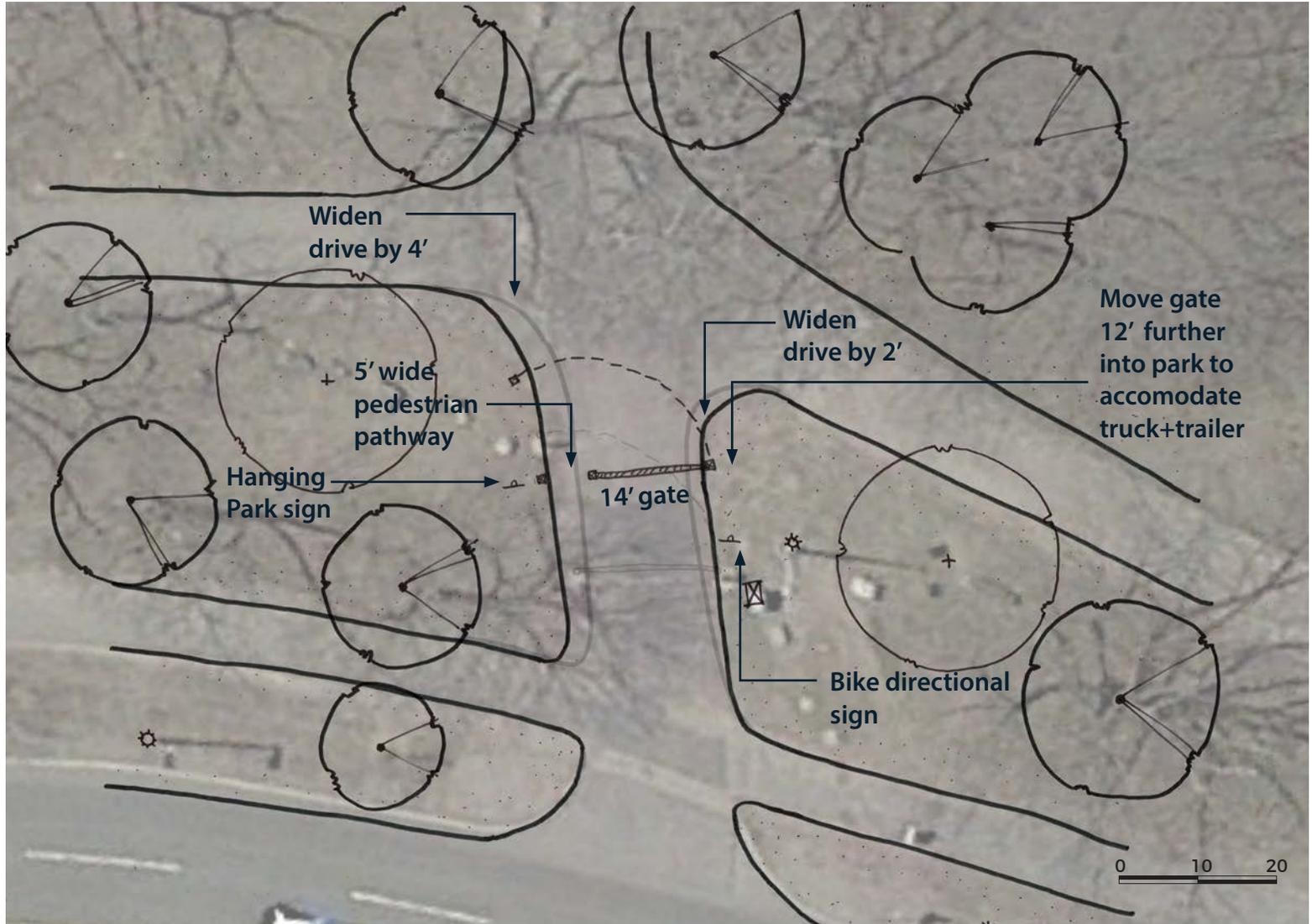


PINEBANK DRIVE - HISTORIC

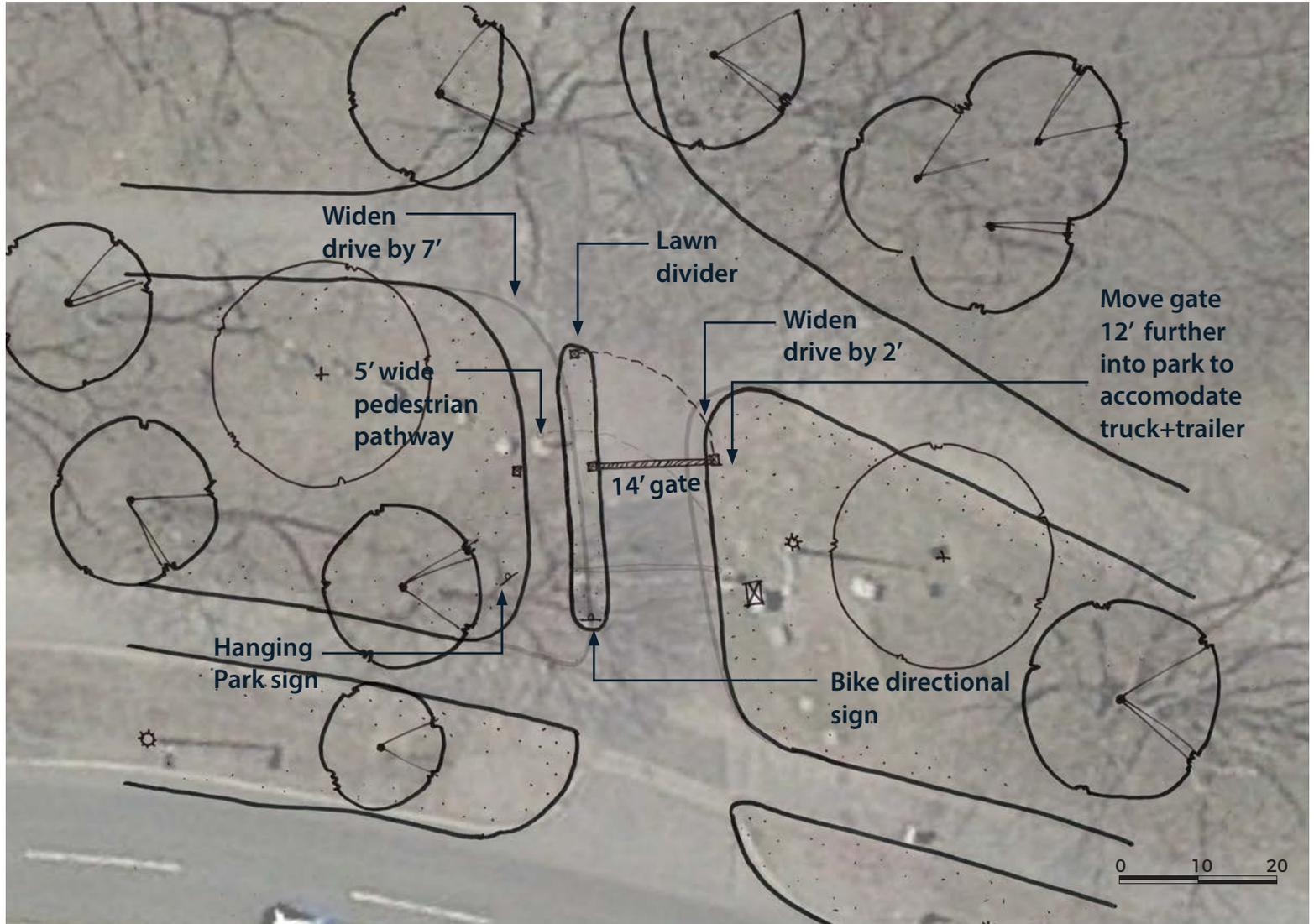


FREDERICK LAW OLMSTED PLAN FOR JAMAICA POND PARK, 1892

PINEBANK DRIVE - CONCEPT 1



PINEBANK DRIVE - CONCEPT 2



STAIRCASES - PHASE 1



STAIRCASES - POND STAIRS



CONCERNS:

- Stone dust pathway at top of stair is eroding onto stairs
- Treads have settled/shifted over time
- Uneven stair treads have encouraged social trails to form on the southern slope
- Armored swale is unsightly and not original to the site

DESIGN SOLUTIONS:

- Reset existing granite treads
- Manage stormwater above stairs to limit erosion on the sides
- Plant vegetation on the edges to reduce the creation of social trails
- Consider adding handrail(s)

STAIRCASES - PERKINS & CHESTNUT STAIRS



CONCERNS:

- Pathway at top of stair well above ADA allowed gradient
- Treads have settled/shifted over time
- Riser/tread relationship is relatively steep
- Uneven stair treads have encouraged social trails to form on the edges
- Stormwater flows down the sides of the stairs

DESIGN SOLUTIONS:

- Reset existing granite treads
- Study rise/tread relationship
- Plant vegetation on the edges to reduce the creation of social trails
- Consider adding treads to the top of existing stairs to ease steep slope
- Consider adding handrail(s)

STAIRCASES - PUDDINGSTONE STAIRS



CONCERNS:

- Stairs do not connect to an established path
- Treads have settled/shifted over time

DESIGN SOLUTIONS:

- Replace bituminous concrete landings
- Reset granite treads
- Maintain stairs as a historic remnant

STAIRCASES - HANCOCK STAIRS



CONCERNS:

- Select stair treads rock

DESIGN SOLUTION:

- Shim unstable treads

SITE FURNISHINGS - EXISTING



Image of historic park benches

CONCERNS:

- Historically, benches were continuous
- ADA-required companion spaces will interfere with the smooth line of a long continuous bench
- Continuous benches can encourage sleeping



Wood and concrete bench at Perkins & Jamaica way entrance



Backless bench at Pinebank



Typical park benches in succession along the perimeter path

SITE FURNISHINGS - RECOMMENDATIONS



Example of a continuous wooden bench with steel supports



Current park bench with newer wood slats

DESIGN SOLUTIONS:

- Provide stretches of continuous benches using the existing steel supports, where precedent exists for a curved, continuous bench
- Update the typical park bench with new wooden slats (rounded top and bottom slats) where benches are used alone, or in small groups
- Provide ADA-required companion spaces as needed to meet requirements
- Add benches to provide additional seating in Phase 1 area

Proposed locations for additional benches



SIGN - RECOMMENDATIONS



Refurbish/Update destination signs



Reprint and refurbish interpretive signs



Develop bike/pedestrian directional signage



Standardize/Update rules signs

VEGETATION - EXISTING/OPPORTUNITIES



Opportunity to plant behind entrance wall at Perkins and Jamaicaaway



Stairs near pond with erosion alongside sluice and social trail stripped of vegetation



Perkins and Chestnut Street stairs with erosion and social trail stripped of vegetation

VEGETATION RESTORATION - RECOMMENDATION



LEGEND

 Proposed trees

RECOMMENDATION SUMMARY



LEGEND

- Pathway to remain as-is
- Repave with existing width and alignment
- Repave, adjusting width or alignment
- Pave, replacing existing material
- Re-pave pull-off area
- Pave required accessible route
- Proposed bench
- Reset stairs, consider handrails
- Reset stairs; not on circulation route
- Minor adjustments to level treads
- Proposed trees

PHASE 2 OVERVIEW



● **EARLY FALL**

Community Meeting 3

● **SPRING-FALL 2019**

Phase 2 Construction

● **FALL 2018**

Landmarks Commission Hearing for Phase 2

● **FALL 2018**

Conservation Commission Hearing for Phase 2

PHASE 2 - PROJECTED GOALS

As funds permit, PHASE 2 will address:

- **Rehabilitation of pathways and entrances**
- **Improving pathway accessibility and accessibility for buildings and stairs**
- **Site furnishings on the perimeter path, consistent with choices made in PHASE 1**
- **Site amenities**
- **Signage, consistent with choices made in PHASE 1**
- **Landscape rehabilitation and protection along perimeter path and hillside around Pinebank**
- **Erosion and stormwater issues on the perimeter path**

PHASE 2 - AREAS



PHASE 2 - EXISTING CONDITIONS



ALONG THE JAMAICAWAY

PHASE 2 - EXISTING CONDITIONS



BELOW PINEBANK



ALONG PERKINS STREET

PHASE 2 - EXISTING CONDITIONS



ALONG FRANCIS PARKMAN



NEAR KELLEY CIRCLE



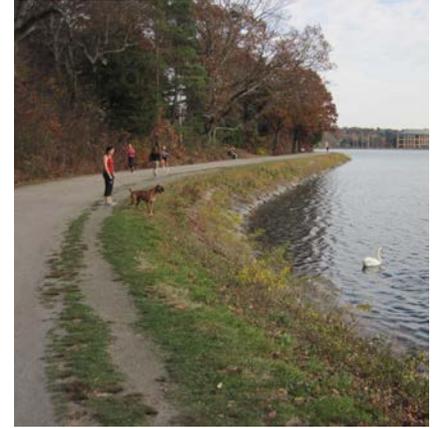
PHASE 2 - PRECEDENTS - LOCAL



BROOKLINE RESERVOIR



CHESTNUT HILL RESERVOIR



SOMERVILLE COMMUNITY BIKE PATH



Brookline Reservoir:

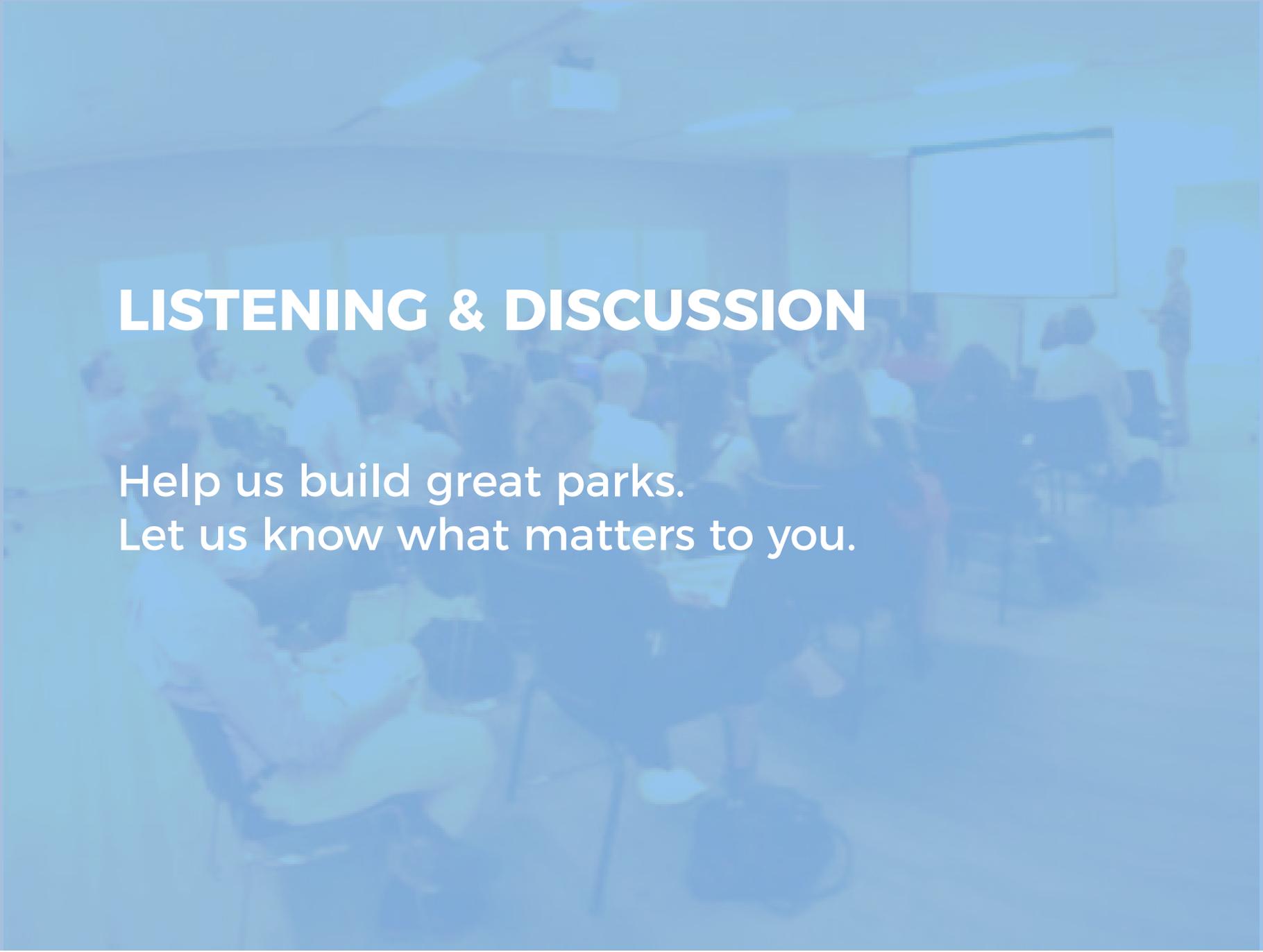
- 10' to 14' wide
- Stonedust trail

Chestnut hill Reservoir:

- 10' to 14' wide
- Stonedust trail

Somerville Community Bike Path:

- 12' wide
- 4' wide running trail on both sides
- Bituminous trail with resilient surfacing running lane



LISTENING & DISCUSSION

Help us build great parks.
Let us know what matters to you.



THANK YOU!

Next Meeting Early Fall 2018

For questions, maintenance requests or concerns regarding any of our parks contact 311



CITY OF BOSTON PRIORITIES

- **Expanding walkable access to parks**
- **Addressing equity**
- **Climate resilience**
- **Health**
- **Housing and community building**



PARKS & RECREATION GOALS

- **Accessible and available to all**
- **Diverse, balanced, and efficient mix of uses**
- **Meaningful and inclusive community engagement**
- **Adaptive and resilient landscapes**
- **Promote connections**



PATHWAY ANALYSIS - EROSION AND DRAINAGE



Erosion and Drainage

- Pedestrian Erosion
- Vehicular Erosion
- Stormwater Erosion
- Puddling
- Muddy Location
- Vertical Granite Curb

PATHWAY ANALYSIS - OWNERSHIP



- Department of Conservation & Recreation
- City of Boston