Open Space & Recreation Plan

CITY OF BOSTON



2015-2021



BOSTON PARKS & RECREATION Martin J. Walsh, Mayor



Open Space & Recreation Plan 2015–2021

CITY OF BOSTON Martin J. Walsh Mayor

Austin Blackmon

Chief of Environment, Energy, and Open Space



Parks and Recreation Commission

Christopher Cook, Commissioner
Anne L. Connolly, Associate Commissioner
Maria Fitzpatrick, Associate Commissioner
Raymond Foley, Former Associate Commissioner
Sanjay Saini, Associate Commissioner
Charles Titus, Associate Commissioner
Carrie Marsh, Executive Secretary

Prepared by the Parks and Recreation Department

Design & Construction Unit Robert Rottenbucher, Director and Chief Engineer Liza Meyer, Chief Landscape Architect

Acknowledgments

The many residents who use the parks and open spaces of Boston, attended the numerous community meetings over the past two years, and submitted input, comments, and suggestions to us through surveys and by correspondence, in large part wrote this plan. They made their recommendations known and shared their invaluable insights and knowledge.

Project Team

Parks and Recreation Department, City of Boston

Christopher Cook, Commissioner

Robert Rottenbucher, Director of Design & Construction/Chief Engineer

Liza Meyer, Chief Landscape Architect

Aldo Ghirin, Senior Planner/Project Manager, Open Space Plan

Margaret Dyson, Director for Historic Parks

Carrie Marsh, Executive Secretary, Parks and Recreation Commission

Marchelle Jacques-Yarde, Community Relations Specialist

Paul Sutton, Project Manager, Urban Wilds Initiative

Kelly Thomas, Project Manager, Historic Burying Grounds Initiative

Gregory Mosman, Arborist

Editorial Assistance: Jon Seamans, Writer/Editor

Assistance with GIS-based mapping, graphic design, and document production: CDM Smith Inc.

Other project assistance provided by:

Management & Information Services Department, City of Boston

William Toussaint, GIS Specialist

Boston Redevelopment Authority

Geographic Information Systems Department:

Carolyn Bennett, Manager

Jeffrey Curtis, Cartographer

Policy Development & Research Department:

Mark Melnik, former Deputy Director

Kelly Dowd, Research Manager

Nicoya Borella, Research Assistant

Waterfront Planning Department

Chris Busch, Senior Waterfront Planner III

Environment Department, City of Boston

Conservation Commission

Stephanie Kruel, former Executive Secretary

The following agencies contributed to the review of all or portions of this document:

Boston Redevelopment Authority

John (Tad) Read, Acting Director of Planning
Lara Merida, Deputy Director for Community Planning
Chris Busch, Senior Waterfront Planner III
Jill Ochs Zick, Landscape Architect
Marie Mercurio, Senior Planner I
Carlos J. Montanez, former Senior Urban Planner II
Lauren Shurtleff, Senior Planner I
Theodore Schwartzberg, Senior Planner I
Matthew Martin, Urban Designer II
Alexa Pinard, Urban Designer II
David Grissino, Senior Architect/Urban Designer
Hugues J. Monestime, Senior Planner III

Environment Department, City of Boston

Conservation Commission Charles Button, Chair Charlotte Moffat, Executive Secretary

Transportation Department, City of Boston

Charlotte Fleetwood, Senior Transportation Planner

Public Health Commission, City of Boston

Huy Nguyen, Interim Executive Director and Medical Director Aliza R. Wasserman, Policy Analyst

Department of Neighborhood Development, City of Boston

Jay Lee, Assistant Director of Design, Construction and Open Space

Metropolitan Area Planning Council

Marc Racicot, Land Use Planning Director Jennifer Raitt, Assistant Director of Land Use Planning & Chief Housing Planner Joan Blaustein, former Senior Regional Planner

Department of Conservation and Recreation, Commonwealth of Massachusetts

Joseph Orfant, Former Chief, Bureau of Planning & Resource Protection

We also thank Valerie Burns and Vivien Li for their assistance and review in the drafting of the Community Gardens and Harbor Open Space chapters, respectively. There are many other community members, too numerous to mention, who reviewed and commented on sections of the plan draft. We thank them as well.

We also thank the Massachusetts Office of Geographic Information Services (MassGIS) for their provision of data that we used for our own GIS system.

We want to thank former Associate Commissioners Raymond Foley and Susan Park for their years of service to the Parks and Recreation Commission and the City.

Note: Data provided in the open space property inventories and the maps contained in this plan were developed for general planning purposes only, and as such are the best available data. However, readers are cautioned that use of such data may not be appropriate or sufficient for legal, design, or other site-specific purposes. For such purposes, only research in the Registry of Deeds or other appropriate offices, property surveys, and field-checked research can be considered appropriately reliable.

Contents

Section 1 — Executive Summary	1
Section 2 — Introduction	3
Section 2.1: Statement of Purpose	3
Section 2.2: Planning Process & Public Participation	4
Section 2.3: Enhanced Outreach and Public Participation for	
Environmental Justice Communities	6
Section 3 — Community Setting	7
Section 3.1: Regional Context	7
Section 3.2: History	11
Section 3.3: Population Characteristics	16
Section 3.4: Growth and Development Patterns	24
Section 4 — Environmental Inventory & Analysis	33
Section 4.1: Geology, Soils and Topography	33
Section 4.2: Landscape Character	38
Section 4.3: Water Resources	40
Section 4.4: Vegetation	46
Section 4.5: Fish and Wildlife	50
Section 4.6: Scenic Resources and Unique Areas	52
Section 4.7: Environmental Challenges	54
Section 5 — Inventory of Lands of Conservation and Recreation Interest	65
Section 6 —Community Vision	111
Section 6.1:Description of the Process	111
Section 6.2: Statement of Open Space and Recreation Community Vision and	Goals 130
Section 7.1 — Analysis of Needs: Resource Protection	131
Section 7.1.1: Greenways and Bikeways	131
Section 7.1.2: Harbor Open Space	139
Section 7.1.3: Urban Wilds and Natural Areas	146

Section 7.2 — Analysis of Needs: Community Open Space & Recreation	153
Section 7.2: Community Open Space and Recreation	153
Section 7.2.1: Allston-Brighton	157
Section 7.2.2: Back Bay/Beacon Hill	170
Section 7.2.3: Central Boston	183
Section 7.2.4: Charlestown	197
Section 7.2.5: Dorchester	210
Section 7.2.6: East Boston	223
Section 7.2.7: Fenway/Longwood	237
Section 7.2.8: Hyde Park	251
Section 7.2.9: Jamaica Plain	264
Section 7.2.10: Mattapan	277
Section 7.2.11: Mission Hill	290
Section 7.2.12: Roslindale	303
Section 7.2.13: Roxbury	316
Section 7.2.14: South Boston	329
Section 7.2.15: South End	342
Section 7.2.16: West Roxbury	355
Section 7.3 — Analysis of Needs: Open Space Systems Management	369
Section 7.3.1: Cemeteries	369
Section 7.3.2: Community Gardens	375
Section 7.3.3: The Emerald Necklace	382
Section 7.3.4: Public Shade Trees	389
Section 8 — Goals & Objectives	393
Section 9 — Seven-Year Action Plan	395
Section 10 — Public Comments	401
Section 11 — References	405
Appendices	411
Appendix A: Adjacent Land Uses and Shared Open Space Resources	411
Appendix B: Open Space Plans of Neighboring Communities	415
Appendix C: Regional Watershed Planning Efforts	417
Appendix D: Regional and Municipal Planning Initiatives	420
Appendix E: Metadata for the Maps in Sections 7.2.1 to 7.2.16	427



Letter from Mayor Martin J. Walsh

Dear Friend,

It is my pleasure to present the City of Boston's Open Space & Recreation Plan 2015–2021. This document would not have been possible without the contributions of thousands of Bostonians through public meetings, responses to the Open Space Plan survey questionnaire, and participation in the Open Space Plan Summit. As with our parks system, this plan's development was supported by our outstanding park partner organizations and fellow public agencies. I especially want to thank the hardworking members of the Boston Parks and Recreation Department for their leadership on this effort.

Thanks to iconic figures like Frederick Law Olmsted and Charles Eliot, Boston's history is one of foresight in parks, recreation, and open space. From the balanced beauty and functionality of the Emerald Necklace to Joseph Lee's preeminent role in the playground movement, our city's leaders knew that dynamic growth would need dynamic public spaces. They supported development with parks and play areas that would provide resilience, health benefits, and better livability to Boston.

Boston's growth today requires that same foresight, leadership, strong action, and the support of our people. The public input in creating this document has made clear that a healthy open space system is essential as the city grows. A rational plan is needed to guide our work as we manage the current assets of the open space system and create new places to enrich and support our city's growth. This Open Space and Recreation Plan provides that guidance and will be a major contribution to the development of our new citywide plan, Imagine Boston 2030.

Advances sought by this plan will also reinforce city efforts in other realms as well: housing, economic and neighborhood development, health, infrastructure, climate mitigation and adaptation, arts and culture, and environmental well-being. This plan will help achieve our vision of increasing our outstanding quality of life, a hallmark of our great city.

Sincerely,

Martin J. Walsh Mayor of Boston