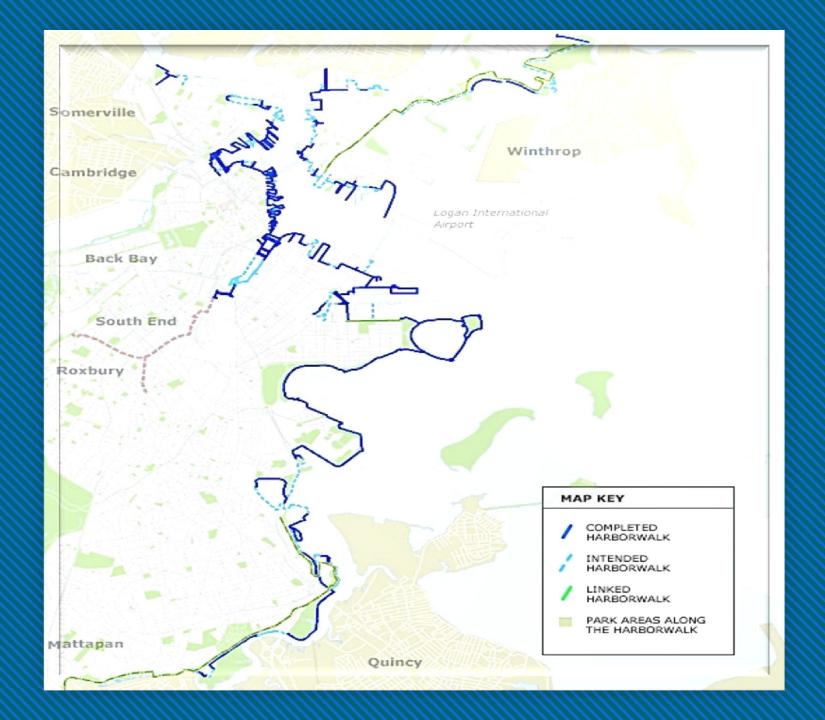
Piecing Together the Boston Harborwalk

Goals, Objectives, Methodology, Findings, Conclusions & Recommendations

History

- Clean up of the Boston Harbor
- Gentrification of waterfront
- Chapter 91, The Massachusetts Public Waterfront Act







Project Missions

- Create an inventory that will aid The Boston Harbor Association
- Understand the correlation between:
 - Land use and development
 - Demographics and development
- Evaluate the impact of having a mandated public walkway on private land

First Goal

Provide The Boston Harbor Association information that will help expedite the completion of the Boston Harborwalk

First Goal's Objective

- Develop an organized Excel inventory and Geographic Information Systems map of the entire Boston Harborwalk
- Determine any correlation between:
 - Land use and development
 - Demographics and development

First Goal's Methodology

- Separate Harborwalk into parcels
 - Observe the state of maintenance
 - Observe the existence of amenities
- Research and analyze information on land use and demographics:
 - Population density

- Income

- Ethnicity

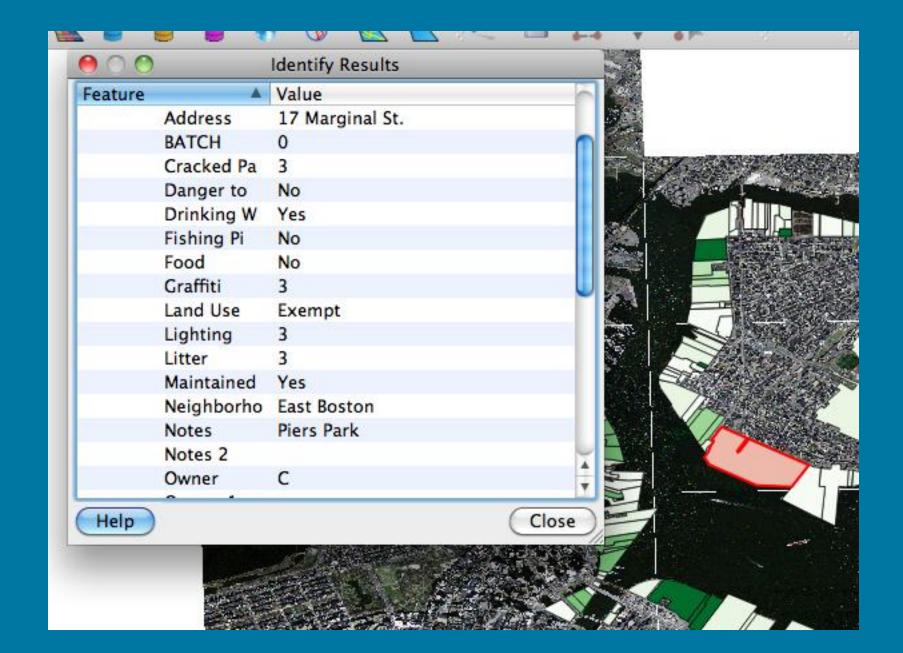
Parcel ID#	_		_	Lighting		Trash Bar		▼ Public Art ▼	-	_		Playgrour *
	Commonwealth of Massachusetts		Public	3	2	1	No	Yes	No	No	Yes	No
0104126000	Mass Port	Maverick St.	Public	2	2	1	No	Yes	Yes	No	No	No
0104413000	Mass Port	Maverick St.	Public	3	3	2	No	Yes	No	No	No	No
0104419000	Mass Port	Sumner St.	Commercial	3	3	2	No	No	No	No	No	Yes
0104420000	Jeffrie's Yacht Club	565 Sumner St.		3	3	3	No	No	No	No	No	No
0104438000	Mass Port	Marginal St.	Public	3	3	3	No	Yes	No	No	No	No
0104439000	Mass Port	327 Marginal St.	Public	3	3	3	No	Yes	No	No	No	No
0104440001	Mass Port	Marginal St.	Public	3	3	3	No	Yes	No	No	No	No
0104440000	Mass Port	325 Marginal St		3	3	3	No	Yes	No	No	No	No
0104441000	Mass Port	Marginal St.	Public	3	3	3	No	Yes	No	No	No	No
0104442000	Mass Port	288 Marginal St.	Commercial	3	3	3	No	Yes	No	No	No	No
0104443010	Boston Marine Works	218 Marginal St.	Commercial									
0104445000	Boston Marine Works Inc.	233 Marginal St.	Public	1	2	1	No	Yes	No	Yes	No	No
0104446000	Commonwealth of Massachusetts	17 Marginal St.	Public									
0104446000	Commonwealth of Massachusetts	17 Marginal St.	Public	3	3	2	No	No	No	No	No	No
0104446000	Commonwealth of Massachusetts	17 Marginal St.	Public	3	3	3	Yes	Yes	Yes	No	No	Yes
0105396000	City Of Boston	Lewis St.	Public									
0105395000	City Of Boston	Lewis St.	Residential	3	3	1	No	No	No	Yes	No	No
0105397000	Noddle Island Limited Partners	65 Lewis St.	Residential									
0105400000	Noddle Island Limited Partners	25 Lewis St.	Residential									
0105400000	Noddle Island Limited Partners	25 Lewis St.	Residential	3	3	3	No	No	No	No	No	No
0105402030	Noddle Island Limited Partners	SWS Sumner St.	Commercial									
0105403000	Boiler Works LLC	99 Sumner St.	Public									
0105404000	City Of Boston	Sumner St.	Commercial	3	3	2	No	No	No	Yes	No	Yes
0105408000	New Street Realty Trust	New St.	Commercial									
0105408001	New Street Realty Trust	New St.	Commercial									
0105409000	New Street Realty Trust	New Pickerts WI	Commercial									
0105411000	RTC New Street LLC	34 New St.	Commercial									
0105410000	New Street Realty Trust	6 New St.	Commercial									
0105412000	RTC New Street LLC	40 New St.	Commercial									
0105412001	Wigglesworth Machinery	60 Border St.	Residential/Co	mmercial								
0105412002	Atlantic Works LLc	80 Border St.	Public									
0105412003	City Of Boston	102 Border St.	Public									
0105413000	City Of Boston	120 Border St.	Public									
0105414000	City Of Boston	Border St.	Commercial									

Parcel ID#	Owner	Address *	Land Use	Lighting	▼ Seating	Trash Bar	Restroom	Public Art	Drinking Wa	Fishing Pi	Food	Playgrour *
0104126001	Commonwealth of Massachusetts	Maverick St.	Public	3	2	1	No	Yes	No	No	Yes	No
0104126000	Mass Port	Maverick St.	Public	2	2	1	No	Yes	Yes	No	No	No
0104413000	Mass Port	Maverick St.	Public	3	3	2	No	Yes	No	No	No	No
0104419000	Mass Port	Sumner St.	Commercial	3	3	2	No	No	No	No	No	Yes
0104420000	Jeffrie's Yacht Club	565 Sumner St.	Public	3	3	3	No	No	No	No	No	No
0104438000	Mass Port	0	Public	3	3	3	No	Yes	No	No	No	No
0104439000	Mass Port	327 Marginal St.	Public	3	3	3	No	Yes	No	No	No	No
0104440001	Mass Port	Marginal St.	Public	3	3	3	No	Yes	No	No	No	No
0104440000	Mass Port	325 Marginal St	Public	3	3	3	No	Yes	No	No	No	No
0104441000	Mass Port	Marginal St.	Public	3	3	3	No	Yes	No	No	No	No
0104442000	Mass Port	288 Marginal St.	Commercial	3	3	3	No	Yes	No	No	No	No
0104443010	Boston Marine Works	218 Marginal St.	Commercial									
0104445000	Boston Marine Works Inc.	233 Marginal St.	Public	1	2	1	No	Yes	No	Yes	No	No
0104446000	Commonwealth of Massachusetts	17 Marginal St.	Public									
0104446000	Commonwealth of Massachusetts	17 Marginal St.	Public	3	3	2	No	No	No	No	No	No
0104446000	Commonwealth of Massachusetts	17 Marginal St.	Public	3	3	3	Yes	Yes	Yes	No	No	Yes
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0105413000	City Of Boston	120 Border St.	Public									
0105414000	City Of Boston	Border St.	Commercial									

Lighting	Seating **	Trash Bar			Drinking Wa	Fishing Pi	Food *			Maintaine*	Litter *	Graffiti *		Cracked Pavement	Rank Overall	\mathbf{x}
3	2					No	Yes	No		Yes	3	3	No	3		4
2	2						No	No			2	3	No	2		4
3	3	2	No	Yes	No	No	No	No	Pavement	Yes	3	3	No	3		4
3	3	2	No	No	No	No	No	Yes	Brick and cer	Yes	3	3	No	3		4
3	3	3	No	No	No	No	No	No	Cement	Yes	3	3	No	3		5
3	3	3	No	Yes	No	No	No	No	Recycled pav	Yes	3	3	No	3		5
3	3	3	No	Yes	No	No	No	No	Recycled pav	Yes	3	3	No	3		5
3	3	3	No	Yes	No	No	No	No	Recycled pav	Yes	3	3	No	3		5
3	3	3	No	Yes	No	No	No	No	Recycled pav		3	3	No	3		5
3	3	3	No	Yes	No	No	No	No	Recycled pav	Yes	3	3	No	3		5
3	3	3	No	Yes	No	No	No	No	Recycled pav	Yes	3	3	No	3		5
																0
1	2	1	No	Yes	No	Yes	No	No	Concrete	Yes	3	3	No	2		3
																0
3	3		No			No	No	No	Concrete	Yes	3	3	No	3		4
3	3	3	Yes	Yes	Yes	No	No	Yes	Brick	Yes	3	3	No	3		5
																0
3	3	1	No	No	No	Yes	No	No	Concrete	No	1	1	Yes	2		2
																0
																0
3	3	3	No	No	No	No	No	No	Brick	Yes	3	3	No	3		5
																0
																0
3	3	2	No	No	No	Yes	No	Yes	Concrete	No	2	3	No	3		3
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Geographic Information Systems





Second Goal

Evaluate the impact of having a mandated public walkway on private land

Second Goal's Objectives

- Determine the benefits and drawbacks from property managers
- Determine the opinions of The Boston Harbor Association's board members

Second Goal's Methodology

- Survey waterfront property managers
 - Hotels

- Institutions

- Restaurants

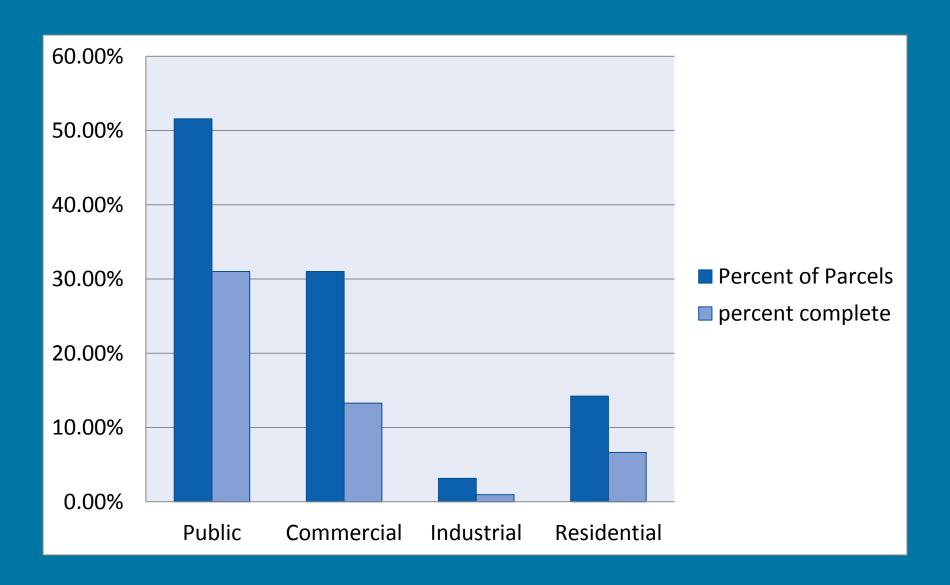
- Agencies
- Interview The Boston Harbor Association's board members

Findings

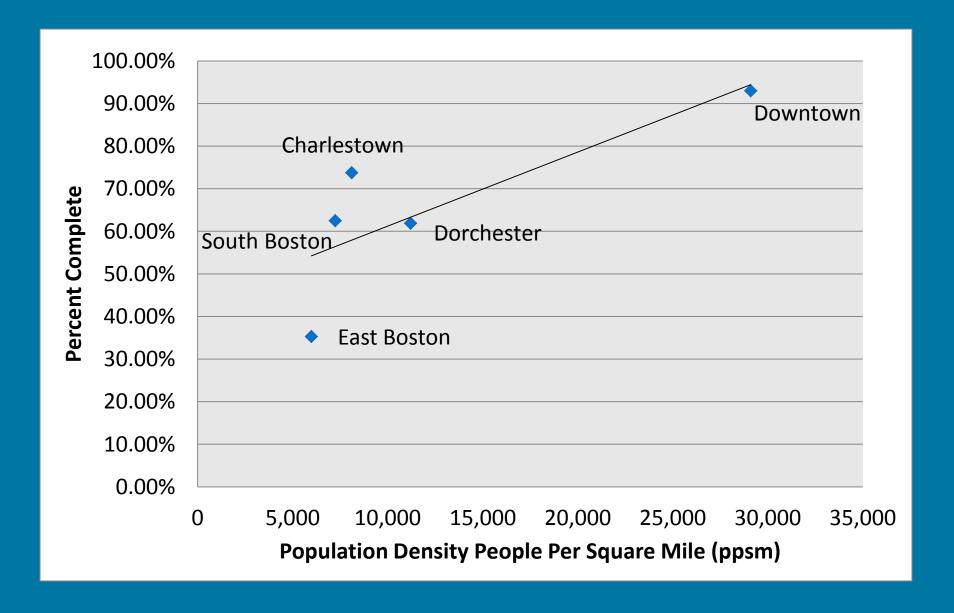
- Percent Complete actually 60.64%
- Uncertainty of some sections completion



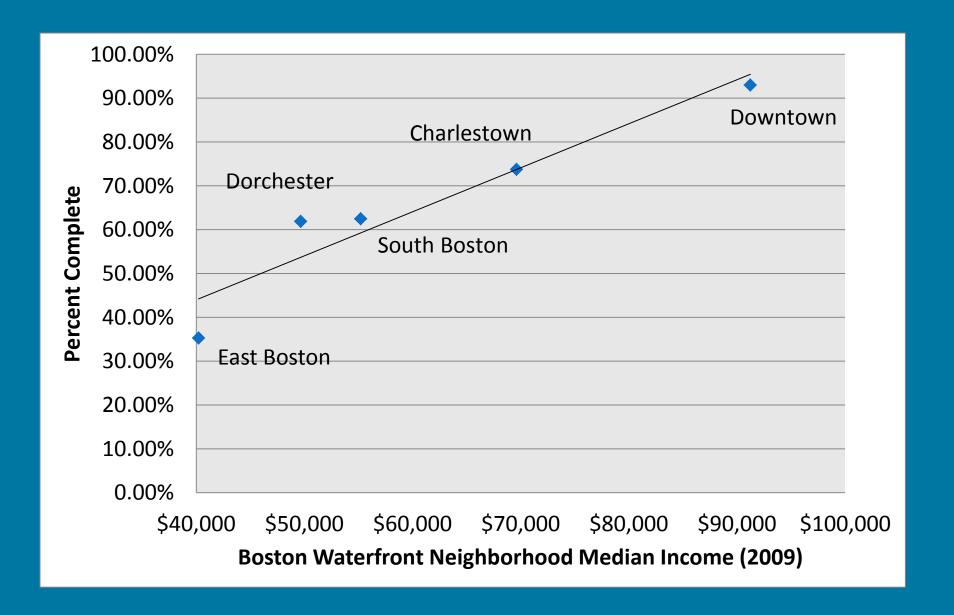
Land Use



Population Density



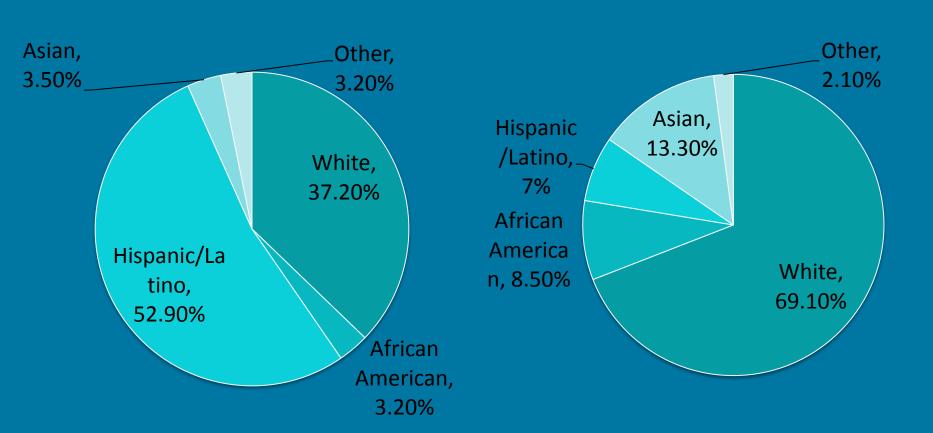
Income



Ethnicity

East Boston 35.27% Complete

Downtown 97.27% Complete



Survey Findings

- Difficulties in contacting property managers
- Positive feedback
 - Increased foot traffic
 - Increased public exposure

Interview Findings

- Interviews suggest successful implementation of policy
 - Underlying interest in the Harbor
 - Less expensive for the public
 - Less maintenance for the city

Conclusions

- Cannot directly expedite the completion of the Boston Harborwalk
 - Collected data can improve current Harborwalk
- Chapter 91 is a successful, though hints towards environmental injustice

Recommendation

- Further research environmental injustice by demographic and developmental trends
 - Allocate more funds

Acknowledgments

- The Boston Harbor Association
 - Executive Director Julie Wormser
 - President Vivien Li
 - IT Specialist Chris Rowe
- Professor Susan Vernon-Gerstenfeld
- Professor Angel Rivera
- Professor Ingrid Shockey
- Interview and Survey Participants

Questions?

