Thumbnail History of Boston Massachusetts Institute of Technology

Urban Transportation Planning

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Frederick Salvucci, MIT Senior Lecturer

History of Boston Transportation and
Analysis of Historical Developments

Massachusetts Institute of Technology

Photo of Boston Harbor, Alex MacLean/Landslides, 1996 removed due to copyright restrictions. Please see the back flap of Krieger, Alex, et al. *Mapping Boston*. Cambridge, MA: MIT Press, 2001.



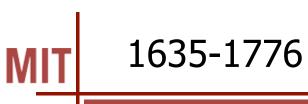
- Glaciers
- Rivers
- Codfish



- Charles River
- Mosquitoes
- Drinking Water
- People (Religious Minority)
- The Bible



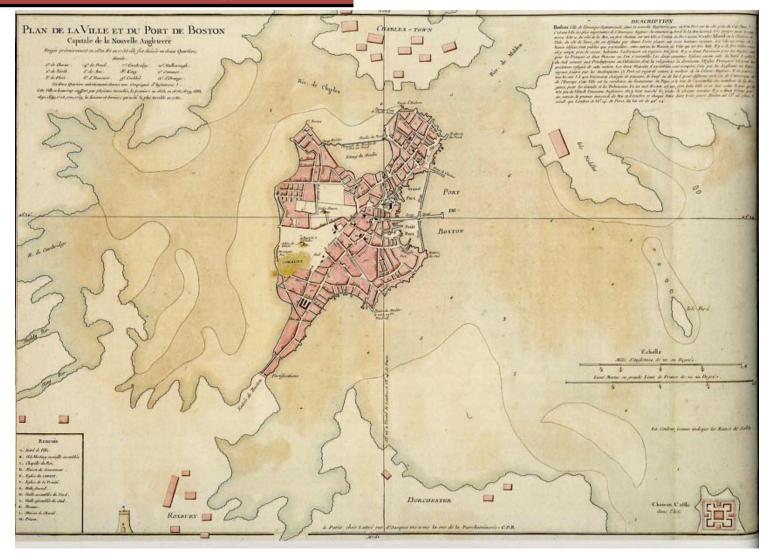
- 1635
- Latin School
- 1636
- Harvard
- 1800s Horace Mann
- 1865 MIT



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Maps of Boston in 1630 and 1795 removed due to copyright restrictions. Please refer to this composite map of Boston.





Day 2



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- Trade
- Fishing
- Ship Building
- Bad Soil
- Cattle
- Smuggling
- Tax Evasion
- Relations with "Indians"
- Military Relations with England, French, & Indians



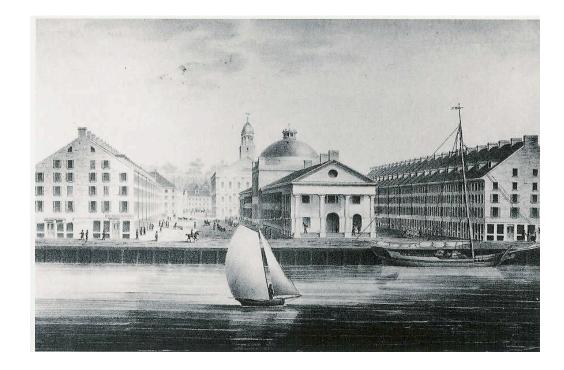
Maps of Boston in 1852 and 1880 removed due to copyright restrictions. Please refer to this composite map of Boston.

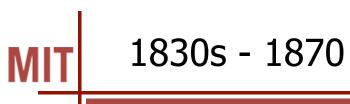


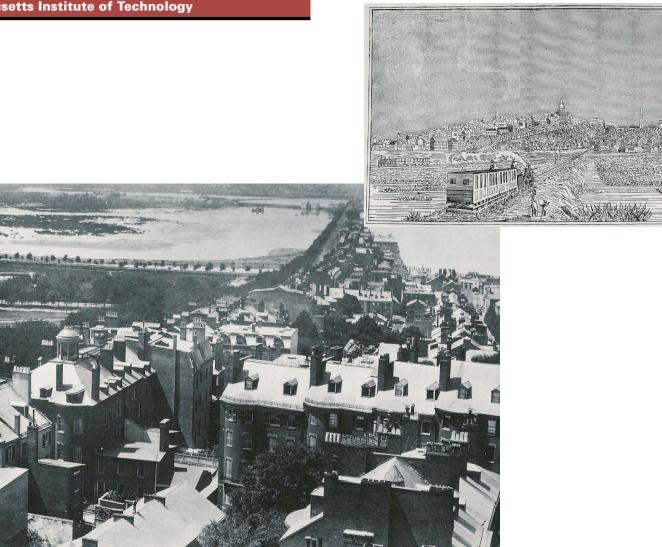
1776 --> War of 1812 --> 1830s

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- Trade
- Ship Building
- Slave Trade
- Ice
- Clipper Ships
- Filling of Mill Pond
- War with Mexico

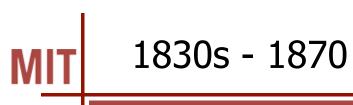








- Canals
- Rail
- Bicycles
- Mills, Cloth
- Civil War
- Filling South End, Back Bay
- Commuter Rail
- Street Cars
- Immigration (1848 Potato Famine)







- Sprague & Siemens
- Streetcar Networking
- Electric Power
- 1894 First Auto in Hemisphere
- 1897 First Subway in Hemisphere
- Streetcar Suburbs & Downtown



Maps of Boston in 1916 and 1934 removed due to copyright restrictions. Please refer to this composite map of Boston.



- 1914 World War I
- 1920's; Model T, Auto Explosion, Zoning
- 1930's; Depression
- 1940's; World War II
- Subways and the Survival of Rail Transit

Aerial photo of Boston removed due to copyright restrictions. Please see Krieger, Alex, et al. Mapping Boston. Cambridge, MA: MIT Press, 2001.



- 1914 World War I
- 1920's; Model T, Auto Explosion, Zoning
- 1930's; Depression
- 1940's; World War II
- Subways and the Survival of Rail Transit



- Oil, Autos, Highways, Suburbs
- 1956 Interstate Highways
- 1959 Southeast Expressway opens; Old Colony Rail closes
- 1964 Expansion of MBTA
 - -- Riverside Green Line
 - -- Orange Line tunnel under river
 - -- Red Line extension to Quincy
- Transit and urban density
- Prudential, British properties, John Hancock
- Back Bay and Downtown



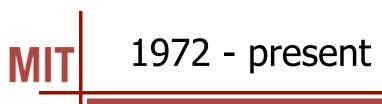
- 1960s Reaction to highways
- Boston Transportation Planning Review
- Enhance the City as the Priority
 - -- Stop Destructive Highways
 - -- Promote and Improve Transit
 - -- Control Parking
 - -- Promote Environmentally Benign Highways: The Big Dig
- Economy, Equity, Environment



Maps of Boston in 1950 and 1995 removed due to copyright restrictions. Please refer to this composite map of Boston.



Photos of the Boston skyline in 1958 and 1995 removed due to copyright restrictions.



The Southwest Corridor





- Post-Office Square by the Friends of Post
 Office Square
- Park rededicated in 1997 as the Norman
 B. Leventhal Park at Post Office Square

Photos of Post Office Square, Boston before and after installation of Norman B. Leventhal Park removed due to copyright restrictions. Please see Krieger, Alex, et al. *Mapping Boston*. Cambridge, MA: MIT Press, 2001.



- 1973 Interstate Transfer Reorganize MBTA
- 1968-1990 Diversification of highway construction industry
- 1991-present Big Dig; South Boston Transitway
- Revise Mass Pike, MBTA
- Continued commuter rail expansion



- Silver Line
- Blue Line
- North to South Station rail
- Stuart Street
- Urban Ring
- Better bus service, transfers



- Red Sox; Medical Complex; South Boston Waterfront District; Cambridge-Somerville
- Suburban sprawl



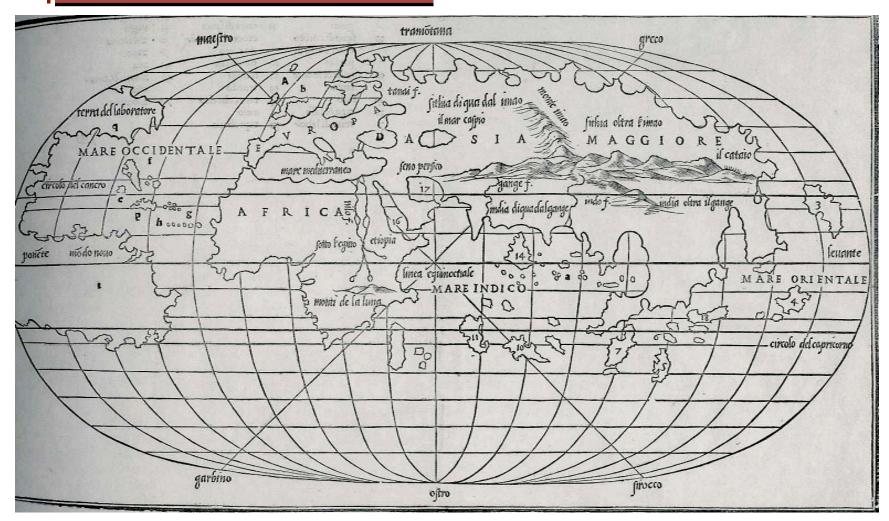
- Federal context
- Local taxes



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- Land use
- Accessibility
- Economic Activity
- Equity
- Environment
- Sustainability
- Evaluation of what to do
- Effectiveness
- Financing mechanisms
- Efficiency





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