

Division, US EPA Region III, Nov. 27, 2007. The agreement is described in “Integrated Report to EPA...regarding DC’s Water Quality–2008” 25. Access from <http://ddoe.dc.gov/node/9362>.

Tree canopy area of Washington 35% is from [utc_existing_possible_conditions.pdf](http://ddot.dc.gov/publication/dc-tree-canopy-factsheet-progress-2006-2011) (2010).

37.2% is from [tree_canopy_fact-sheet_2006-2011.pdf](http://ddot.dc.gov/publication/dc-tree-canopy-factsheet-progress-2006-2011) access at <http://ddot.dc.gov/publication/dc-tree-canopy-factsheet-progress-2006-2011> downloads as [tree_canopy_DC_factsheet_2006-2011.pdf](http://ddot.dc.gov/publication/dc-tree-canopy-factsheet-progress-2006-2011).

For Washington’s urban tree canopy goals see note 48.

43. Robinson, *Improvement of Towns and Cities*, 121.

44. See “Become a Canopy Keeper” program of UFA. <http://ddot.dc.gov/node/508872>. Also see <http://caseytrees.org/get-involved/water/> and <http://www.restoremassave.org/green-your-street>.

45. For Public Realm Design Manual, see <http://ddot.dc.gov/page/public-realm-design-manual-0>.

See DC Code of Municipal Regulations, Title 24, Section 102 “Public Parking Upkeep and Plantings.” DC Office of Documents

and Administrative Issues. <http://www.dcregs.dc.gov/>.

Federal law established rights in the “parking” in The Parking Act (1870) and Public Act 173 (1899).

46. Both CFA volumes on Massachusetts Avenue describe parts of the avenue where commercial building caused loss of street views.

47. International Society of Arboriculture web site: <http://www.treesaregood.com/treeowner/benefitsoftrees.aspx>.

48. The city’s goal is to have tree canopy cover 40 per cent of land area by 2032. For official commitments in 2009, see Casey Trees’ 2009 Tree Report Card <http://caseytrees.org/resources/publications/treereportcard/>.

In 2012 Mayor Vincent Gray announced the goal of 40 per cent by 2032 in his Sustainable DC Vision <http://sustainable.dc.gov/publication/mayors-vision>. It is found throughout the current Sustainable DC Plan <http://sustainability.dc.gov/finalplan>.

49. DOE estimate of 25% at http://www.cpsenergy.com/Residential/Energy_Efficiency/plant_tree.asp.

A GRAND AVENUE REVIVAL

Massachusetts Avenue

LANDSCAPE HISTORY AND DESIGN GUIDE

BY DEBORAH SHAPLEY FOR RESTORE MASS AVE

NOTES

Why “Mass Ave” matters

1. Jan Cigliano and Sarah Bradford Landau, eds., *The Grand American Avenue 1850–1920* (San Francisco, Pomegranate Artbooks, 1993). Interview with Jan Cigliano.

2. Cigliano and Landau, *Grand American Avenue*, xi. For the best account of Massachusetts Avenue as a grand avenue, see Sue Kohler, Chapter 7, “Massachusetts Avenue,” 177–205.

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The Grand Avenue Legacy

3. Scott W. Berg, *Grand Avenues: The story of Pierre Charles L’Enfant, the French visionary who designed Washington, D.C.* (New York, Vintage Books, 2008) 22–29, 83–84, 102–105. Melanie Choukas-Bradley, *City of Trees: The Complete Field Guide to the Trees of Washington, D.C.* (Charlottesville, Va., University of Virginia Press, 2008) 1, 3.

4. Joseph R. Passonneau, *Washington Through Two Centuries: A History in Maps and Images* (New York, The Monacelli Press, 2004) 22, 24, 91.

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5. Pamela Scott, *Capital Engineers: The U.S. Army Corps of Engineers in the Development of Washington, D.C. 1790–2004* (Alexandria, Va., U.S. Army Corps of Engineers, Office of History, 2005) 113, 114, 116.

6. Pamela Scott, “The City of Living Green: An Introduction to Washington’s Street Trees,” *Washington History* 18 (Combined Issue no. 1/2, 2006): 27.

7. Frederick A. Gutheim, *The Federal City* (Washington DC, Smithsonian Institution Press, 1976) 126. Scott, “City of Living Green,” op. cit., pp. 22–28. David W. Miller, *Second Only to Grant: Quartermaster General Montgomery C. Meigs* (Shippensburg, Pa., White Mane Books, 2000) 285. Passonneau, Washington, 78. Scott, *Capital Engineers*, 112.

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8. James M. Goode, *Washington Sculpture: A Cultural History of Outdoor Sculpture in the Nation’s Capital* (Baltimore, Md., The Johns Hopkins University Press, 2008) 6.

9. US Commission of Fine Arts, *Sixteenth Street Architecture*, Vol. 1. (Washington, DC, US Government Printing Office, 1978) 337–339. Cigliano and Landau, *Grand American Avenue*, 179.

10. NPS <http://nrhp.focus.nps.gov/natreg-searchresult.do?fullresult=true&recordid=0> Massachusetts Avenue Historic District (MAHD) Inventory Form, National Park Service, US Department of the Interior, 1974. From National Register of Historic Places home page <http://nrhp.focus.nps.gov/enter> Massachusetts Avenue Historic District, 14. Hereafter cited as MAHD nomination brief, 1974.

“Correspondence with Reference to the Extension of Massachusetts Avenue,”



RESTORE MASS AVE is a nonprofit alliance of residents, other nonprofits, arborists and foreign mission personnel working to “re-green” Embassy Row in Washington, DC.

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December 1886 (Washington DC, US Government Printing Office, 1886) Historical Society of Washington collection.

Maps of the avenue's extension are in Iris Miller, *Washington in Maps 1606–2000* (New York NY, Rizzoli, 2002) 102,103, 106, 107, 110, 111.

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12. William H. Wilson, *The City Beautiful Movement*, (Baltimore, Md., The Johns Hopkins University Press, 1989), 45–48, 57–67.

13. Howard F. Gillette, Jr., "White City, Capital City," *Chicago History*, 18 (1989/90): 26–45.

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