



Information Presentation

Commission Meeting: February 1, 2018

PROJECT

**National Institute of Standards & Technology
Campus Master Plan Background**
Gaithersburg, Maryland

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SUBMITTED BY

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The National Institute of Standards and Technology (NIST) was founded in 1901 as the National Bureau of Standards, and the agency relocated from the District of Columbia to their current Gaithersburg campus starting in 1962. NIST is a federal agency within the U.S. Department of Commerce, with a mission to promote US innovation and industrial competitiveness by advancing measurement science, standards, and technology to support and enhance commerce and economic security.

The Gaithersburg campus features a rolling terrain, dotted with trees and wooded areas. There are 62 buildings and structures, totaling over 3.6 million gross square feet of space and housing approximately 4,000 personnel (both employees and associates). Approximately half of the permanent buildings are currently over 50 years old, with two significant facilities constructed within the last 20 years: the Advanced Chemical Sciences Laboratory (ACSL) and the Advanced Measurement Laboratory Complex (AML). Reinforcing the modern architectural design of the late 1950s and the 1960s, the campus's prominent landscape architectural elements are all orthogonal with minimal ornamentation.

NIST developed six alternative development scenarios to accommodate an additional 1.4 million square feet of development. They anticipate submitting the draft master plan highlighting their preferred alternative for the Commission's review in April. The master plan provides for the modernization of aging, inefficient buildings and accommodates the anticipated growth in research programs over the next 20 years, with 1.4 million gross square feet of new facilities and 15 renovated buildings. The master plan offers a framework for accomplishing NIST's goals of meeting anticipated scientific program growth, enhancing the Gaithersburg campus, providing appropriate facilities, encouraging professional collaboration and advancing sustainable practices. Central to the development of the plan is how to best upgrade existing laboratory buildings and infrastructure and add new facilities while respecting the mid-century architecture and development pattern of the campus today.

PROJECT TIMELINE

Previous actions	December 2009: previous NIST Campus Master Plan approval
Remaining actions (anticipated)	April 2018: NIST Campus Master Plan Update – draft review July/September 2018: NIST Campus Master Plan Update – final review

