AMENDMENT TO THE COMMITTEE PRINT
OFFERED BY Ms. Clark of Massachusetts

At the end of the bill, add the following new section:

SEC. 11. SMART CITIES TRANSPORTATION PLANNING STUDY.

(a) IN GENERAL.—The Assistant Secretary of Transportation for Research and Technology shall conduct a study of digital technologies and information technologies, including shared mobility, data, transportation network companies, and on-demand transportation services—

(1) to understand the degree to which cities are adopting these technologies;

(2) to assess future planning, infrastructure, and investment needs; and

(3) to provide best practices to plan for smart cities in which information and technology are used—

(A) to reduce traffic congestion;

(B) to improve city operations;

(C) to grow the local economy;

(D) to improve response in times of emergencies and natural disasters;
(E) to improve the lives of city residents;

and

(F) to reduce environmental impact.

(b) COMPONENTS.—The study conducted under subsection (a) shall—

(1) identify issues that influence the ability of the United States to plan for and invest in smart cities, including barriers to collaboration and access to scientific information; and

(2) review how the expanded use of digital technologies, mobile devices, and information may—

(A) enhance the efficiency and effectiveness of existing transportation networks;

(B) optimize demand management services;

(C) impact low-income and other disadvantaged communities;

(D) provide opportunities to share, collect, and use data while ensuring the privacy of individuals;

(E) change current planning and investment strategies;

(F) provide opportunities for enhanced coordination and planning; and
(G) provide opportunities to reduce the environmental impact of transportation.

(c) COORDINATION.—The study conducted under subsection (a) shall include coordination with other relevant Federal agencies conducting research on smart cities, including the National Science Foundation and the National Institute of Standards and Technology, as well as relevant State and local agencies.

(d) REPORTING.—Not later than 18 months after the date of enactment of this Act, the Assistant Secretary shall publish the results of the study required under subsection (a) on a public website.