

Expanding metropolitan highways - implications for air quality and energy use

Transportation Research Board, National Research Council - December 10, 2020 Regional Transportation Council

Description: -

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Children: Preschool

Art

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Modern fiction

General & Literary Fiction

Energy consumption -- United States.

Air -- Pollution -- Economic aspects -- United States.

Traffic flow -- United States.

Highway capacity -- United States.Expanding metropolitan highways

- implications for air quality and energy use

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245.

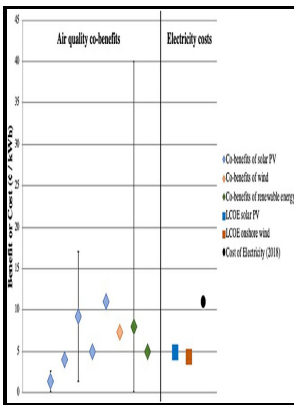
Special report (National Research Council (U.S.). Transportation Research Board) ;

245

Special report ;Expanding metropolitan highways - implications for air quality and energy use

Notes: Includes bibliographical references.

This edition was published in 1995



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Tags: #Intelligent #Transportation #System

Why an All

In the- ory the initial effect of a highway capacity addition on traffic flow char- acteristics and the resulting changes in vehicle emissions should be measurable for the current fleet.

Expanding Metropolitan Highways

As required by the Act, EPA has completed covering numerous regulated source categories to assess whether more protective air toxics standards are warranted. Department of Transportation ex officio Dharmendra K. Department of Transportation ex officio David R.

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Studies also find that climate change poses particular threats to the health, well-being, and ways of life of indigenous peoples in the U. Its purpose is to review the current state of knowledge, evaluate the scientific evidence, and narrow the areas of disagreement about the impacts of highway capacity additions on traffic flow characteristics, travel demand, land use, vehicle emissions, air quality, and energy use. In addition, current emission models rely on average trip speed as the sole descriptor of traffic flows.

Residential Proximity to Major Highways — United States, 2010

This resolution will support a coordinated approach to UAS planning activities and implementation opportunities. Increased local control will produce a more productive and balanced project mix that supports economic development, sustainable land use, and transportation choice. Even though the regulations implementing the Clean Air Act Amendments require metropolitan areas to model the consequences of new capacity, the committee that conducted this study concluded that the existing analytical tools are inadequate for the task specified in the regulations.

Why an All

These trends include a shift toward longer and more time-sensitive supply chains and distribution networks that leave trucks exposed to congestion and a countervailing shift toward the use of information technology to improve the productivity and flexibility of freight transportation. These more radical solutions are neither new nor easy.

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