

## Plan Overview

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*A Data Management Plan created using DMPTool-Stage*

**Title:** Near and Far: Alternative Futures for a Suburban Commercial Corridor

**Creator:** David Lever

**Affiliation:** Virginia Tech (vt.edu)

**Funder:** National Science Foundation (nsf.gov)

**Funding opportunity number:** 21-019

**Template:** NSF-SBE: Social, Behavioral, Economic Sciences

**Project abstract:**

An interdisciplinary team from Virginia Tech proposes to join with an architectural firm to develop a new design methodology for a suburban commercial corridor in the Washington, DC metropolitan area. The corridor has many of the typical characteristics of sprawl. We seek design concepts and a design methodology that aligns with the dynamic, flexible, and uncertain character of the corridor, while bringing to it the social value that it currently lacks. The project will develop an active interface between 3D visualizations of urban scenarios and data and policy inputs to facilitate evaluation of alternates and to communicate with stakeholders.

**Start date:** 07-31-2021

**End date:** 01-30-2023

**Last modified:** 01-05-2023

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## **Near and Far: Alternative Futures for a Suburban Commercial Corridor**

Paul Kelsch, PI: Oversight of data production.

David Lever, co-PI: Primary administrator of data management and retention.

Robert Oliver, co-PI: Backup to primary administrator in event of leaving project, etc.

Other co-PIs and Senior Personnel: Assistance to primary administrator as needed.

Other team members: Curating of individual data production to ensure retention and availability for use by the team.

A report describing the project goals, methodology, findings, and outcomes. The report will contain ample graphic material, as the development of design concepts is the primary intent of the study. It will also contain socioeconomic, physiographic, and cultural information reflecting inputs from the disciplines involved in the study.

Presentation materials, using standard Powerpoint slides or applications like Miro, to communicate the results to community members and other stakeholders, and to governmental entities.

There will be no time limit to the distribution of or access to the data.

Data will be in the form of reports and presentation materials; other materials such as brochures will be considered. Most of the data will be in electronic format, accessible through university library sources and, if requested, through governmental sources. Hard copy materials may be produced for access in university libraries.

The public and students will have full access to all products of the study. Materials will be shared with community members and other stakeholders who participated in the study, and to those who request access.

It is not envisioned that the study will involve any concerns regarding privacy, confidentiality, security, intellectual property, or other rights or requirements.

Data will be stored electronically in the library system of Virginia Tech. Hard copies, as needed, will be stored in the university libraries, in particular the libraries of the College of Architecture and Urban Studies (Blacksburg, VA), the Washington-Alexandria Architecture Center (Alexandria, VA), and the School of Public and International Affairs (Arlington, VA). Hard copies may also be stored at other institutions of research or learning, as needed or deemed advisable.

No additional data management requirements are envisioned.

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