

# The Address Theme and National Address Database Update

*NGAC Meeting*  
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**Presented by**

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# The Address Theme and the National Address Database (NAD)

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The Address Theme: a component of the federal geospatial portfolio consisting of datasets pertaining to addresses and point locations

The NAD: an open and publicly available nationwide database of residential, commercial, and postal delivery addresses with location data (geospatial coordinates)



# Address Theme and NAD Roles and Responsibilities

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## Executive Theme Champions

- Tim Trainor, Census Bureau (transition to Deirdre Bishop)
- Steve Lewis, acting for Department of Transportation (DOT)

## Theme Leads

- Lynda Liptrap, Census Bureau
- Steve Lewis, DOT

## Address Subcommittee chairs

- Steve Lewis, DOT
- Lynda Liptrap, acting for Census Bureau

## NAD Dataset Manager

- Matt Zimolzak, Census Bureau

# Address Theme Subcommittee

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## 16 Federal Members

Census Bureau\*

Consumer Financial Protection Bureau

Department of Education

Department of Energy

Department of Homeland Security

Department of Housing and Urban Dev.

Department of the Interior

Department of Justice

Department of Labor

Department of Transportation\*

Department of Veterans Affairs

Federal Emergency Management Agency

National Technical Information Service

Office of Management and Budget

U.S. Postal Service

Social Security Administration

\* = Co-chair

## 19 Non-Federal Partners

State of Arkansas

Boone Co., Missouri

State of California

District of Columbia

Commonwealth of Massachusetts

State of Michigan

State of Minnesota

State of Montana

National Association of State 911 Admins.

NENA

State of New Jersey

State of North Carolina

State of New Hampshire

National States Geographic Info. Council

State of Oregon

Oakland County, Michigan

City of Philadelphia

URISA

State of Vermont

# Address Theme and NAD Goals

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- Establish Address Subcommittee - **done**
- Develop Theme Definition – **done**
- Finalize Subcommittee Charter – **done**
- Gather and Refine NAD User Requirements – **done**
- Create Theme Community on the GeoPlatform – **done**
- Establish Business Process Working Group - **done**
- Assess the Pilot NAD Database – **in progress**
- Develop a Theme Strategic Plan – **in progress**

# Address Workflow Subgroup

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- Created in the Summer of 2017
  - Chair, Matt Zimolzak (Address Dataset Manager, US Census Bureau)
  - Co-chair, Dan Ross (Chief GIO, State of Minnesota)
- Subgroup consists of 6 persons, representing
  - Federal, state and local government interests
  - Private sector and professional organization stakeholders
- Tasked with investigating, reporting on and recommending workflows for processing address updates from providers, for
  - National Address Dataset (NAD)
  - Other address datasets under the Address Theme

# Address Workflow Subgroup (Continued)

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- Subgroup meets twice monthly
  - 3 times as of August 30<sup>th</sup>
- Early discussions focused on identifying
  - Universe of authoritative sources
  - Existing address update workflow visualizations and documentation from other similarly engaged entities
- Will help shape and influence our work

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# NAD Update

# Topics

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- Development Environment
- Contract for NAD ETL/Database Developer
- NAD Status
- NAD Production Environment

# Development Environment

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- Awarded a contract to stackArmor
  - r4.large CENTOS instance along with S3 and EBS storage in AWS East Region
  - Redhat Linux
  - PostGIS
- Contract for 1 year with 4 option years

# Contract for NAD ETL/Database Developer

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- Awarded to GIS Inc. at the end of June
- Onsite developer reported to DOT on July 17
  - Initial focus on QA/QC of data submission
  - Now assisting states with ETL development
- Additional GIS Inc. resources available for “crunch” times



# NAD Production Environment

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- DOT and Census will partner with DOI to leverage the Geospatial Platform
  - Kickoff meeting next week to formalize the partnership
  - AGOL based
- Bulk download options and APIs are also being explored

# Address Theme and NAD Team Contacts

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