

Welcome to Adventures in Addresses!

NEW Address Point GIS Framework Data

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<https://www.oregon.gov/geo/Pages/addressptsframe.aspx>

Framework Implementation - Roadmap

ORGANIZE

Work Group – Contributors, Customers, Others

Meetings

Charter

DESIGN - **DRAFT**

Standards – Collect, Review, Compare

Draft Data Elements

Test with Example Data – 2019 Marion & Polk Counties

Framework Implementation - Roadmap

DATA GATHERING

Outreach – Address Authorities in Cities, Counties, Regional

Collection – January 2020 GIS data sharing legislation

Standardization

Additional Information

Database design additions, revisions

Framework Implementation - Roadmap

PRODUCTS - GEOHub

Oregon Master Address Repository spatial database

Geocode Locator

Web Services

Continual Update and Maintenance Process

Design – Multiple Uses

- 911

 - Emergency Response

 - Disaster Relief

- Census & Elections

- Mail

- Government Process Improvement

 - Supply (providers)

 - Demand (clients, customers)

Design – Multiple Uses

Building Present? Status

Existing structure, occupied or not (Current Address)

New unoccupied construction (Future Address)

Demolished, removed (Past Address)

Residential & Non-Residential (Business)?

+ Census Group Quarters

Mail Delivery?

City – Delivery Point Validation

Rural – PO Box Only Addresses

Design – Multiple Standards

STANDARDS

FGDC – Federal Geospatial Data Committee

NENA – National Emergency Number Association (911)

USPS – United States Postal Service

CASS – Coding Accuracy Support System

Census

IMPLEMENTATIONS

NAD – National Address Database

MAR - District of Columbia Master Address Repository

Design - Scope

FGDC **Numbered Thoroughfare Addresses** (“123 Main Street”) only

Subset of the larger FGDC standard.

Statewide – Oregon only

Residential & Non-Residential – where people normally live and work

Unit Numbers

USPS Standardization – CASS tools

Add Property, business or governmental names and categories

No Duplicates

Design - Outside of Scope

Other FGDC Standard address types – intersection, landmark, ranges

Out-of-State, International

PO Boxes, Rural Route Boxes

Personal information about individual addressees (residents)

Names, gender, age, race or ethnicity, etc.

Design - Level of Detail

State

County

City or Place

Tract

Block

Parcel

Address – Parse Each Address Element

Building

Unit

Business

Design - Data Elements – Major Categories

- Mail – USPS Standardization, Delivery Point
- Census - Geography
- Property – Lot, Parcel, Use
- Building – Name, Floors
- Business – Name, Type
- Parse & Sort – Address Elements
- Metadata – Dates, Sources, Security
- Location – Coordinates, Sources