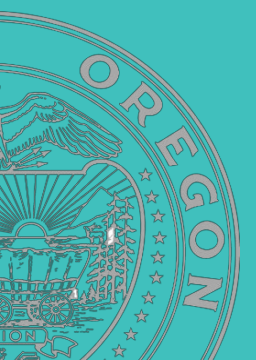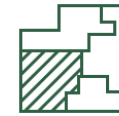# Addresses & Buildings Framework Implementation Team

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Oregon Framework

16 themes that form the foundation for an authoritative seamless statewide GIS

Tasks

- Deliverable – Address Point Framework Standard document
- Compare 4 Major National Address Standards
  (FGDC, NENA, NAD, USPS)
- Look at other state standards
- Look at other Oregon city or county standards
- Look at other Framework Theme standards
- Pick the most useful attributes for Oregon addresses
- Design a flexible structure for storing and using the data

Addresses and Buildings Theme

Goals

- All options are open

- Consider all reasonable suggestions

- Be thorough - Do the homework

- Make it scalable from the local to national level

- Make it flexible for multiple purposes

- Make it sustainable – Keep it current

Addresses and Buildings Theme

Goals

Many Uses
Public Safety &
            Emergency Management
Elections & Voting
Census
Housing
Broadband
Marketing & Mailing
Public Health
Many others

Many Products
Basic
Enhanced
Other Formats
Specialized Subsets
Geocoder

Addresses and Buildings Theme

Framework Standard Template - Overview

1. Introduction
1.1   Mission and Goals of the Standard
1.2   Relationship to Existing Standards
1.3   Description of the Standard
1.4   Applicability and Intended Use of the Standard
1.5   Standard Development Procedures
        1.5.1   Participants
        1.5.2   Comment Opportunities and Reviews
1.6   Maintenance of the Standard

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Framework Standard Template - Detail

2.0   Body of the Standard

2.1   Scope and Content of the Standard

2.2   Need for the Standard

2.3   Participation in the Standard Development

2.4   Integration with Other Standards

2.5   Technical and Operational Context

     2.5.1   Data Environment
     2.5.2   Reference System
     2.5.3   Integration of Themes
     2.5.4   Encoding
     2.5.5   Resolution
     2.5.6   Accuracy
     2.5.7   Edge Matching
     2.5.8   Feature Identifier
     2.5.9   Attributes
     2.5.10   Transactional Updating
     2.5.11   Records Management
     2.5.12   Metadata

Addresses and Buildings Theme

Framework Standard Template – Tables/Diagrams

3.0   Data Characteristics

3.1   Minimum Graphic Data Elements

           Schema – Fields, Data Type, Size, Description, Diagram

3.2   Minimum Attribute or Non-Graphic Data Elements

           Values (Domains)

3.3   Other Graphic Data Elements

3.4   Optional Attribute of Non-Graphic Data Elements

        References

        Appendices

Addresses and Buildings Theme

Address Standard - Priorities

- Compare Major Standards
- Identify the priorities for the address elements in each standard

1. Core   *Most* important or mandatory minimum fields, must be *supplied*
                 Street Number, Street Name, Unit Number, City, X, Y
2. Important   Recommended, can be derived from core
3. Useful   Optional or nice to have, can be derived from core or location
4. Not important nor relevant

- Add any other necessary fields

Addresses and Buildings Theme

Actions

- Look at 4 major national standards

- Look at other state standards

- Find additional examples

- Bring back a list of attributes

- Bring back product ideas ("use-cases")

- Bring back data design ideas

Addresses and Buildings Theme

Thank You!

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Framework data is available at:

geohub.oregon.gov