

Point Addressing for Klamath County

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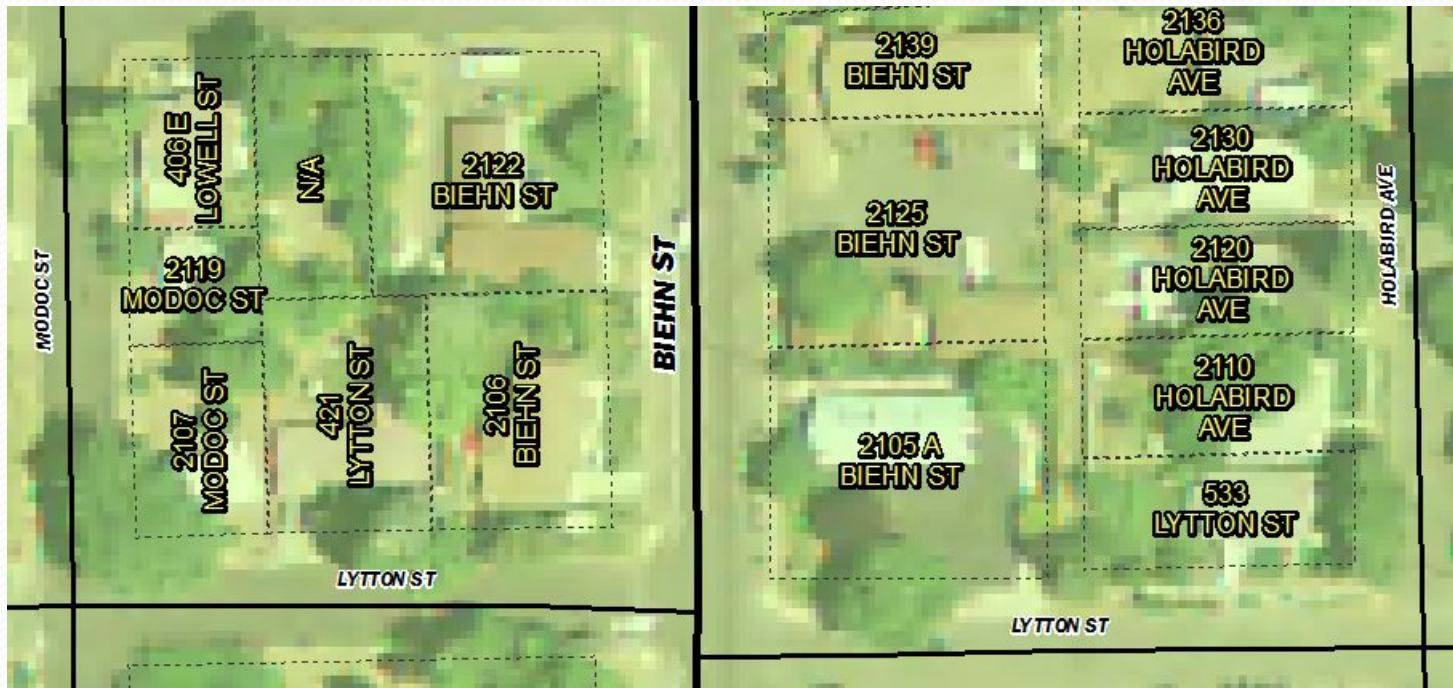
- Outline
 - The Point Addressing Issue
 - The Problems Encountered
 - The Approach

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- The Klamath 9-1-1 Emergency Communications District (K-911) has two fundamental operating requirements for parcel addresses within Klamath County

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1. Maintain street addresses for addressable parcels



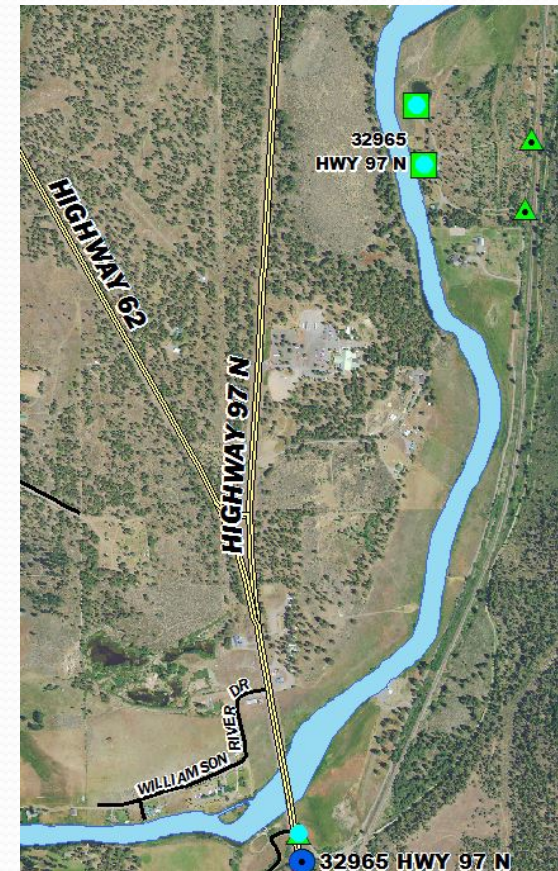
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2. Maintain address points for each addressable entity
- Structure Points (SP)
 - Access Points (AP)

APs associated with SP



SPs associated with AP



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- The generation of address points (SPs) from parcel data
 - Parcel data contains a multivalued 'SITUS' address field which must be parsed

Example: 3201 Campus Dr

should be parsed into:

Street Number: 3201

Street Name: Campus Dr

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- The process is complicated by the fact that the SITUS field is not only multivalued, but also in that the format of the data varies, e.g.:

xxx SN

xxx,xxx SN

xxx-xxx SN

xxx&xxx SN

xxxA SN

xxx xxx ½ SN

SN

xxx xxx xxx xxx SN

where 'xxx,' and 'SN' respectively represent the street number and street name

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- Further complications
 1. Since a primary objective of the intended workflow is to establish a structure point for each addressed entity within the county, it is imperative that the correct number of addresses be associated with each parcel via the information in the SITUS field
 2. The county addressing process is dynamic, i.e., although documentation is regularly distributed on address changes, a lag time exists between when these changes are made official and when they appear in posted parcel datasets

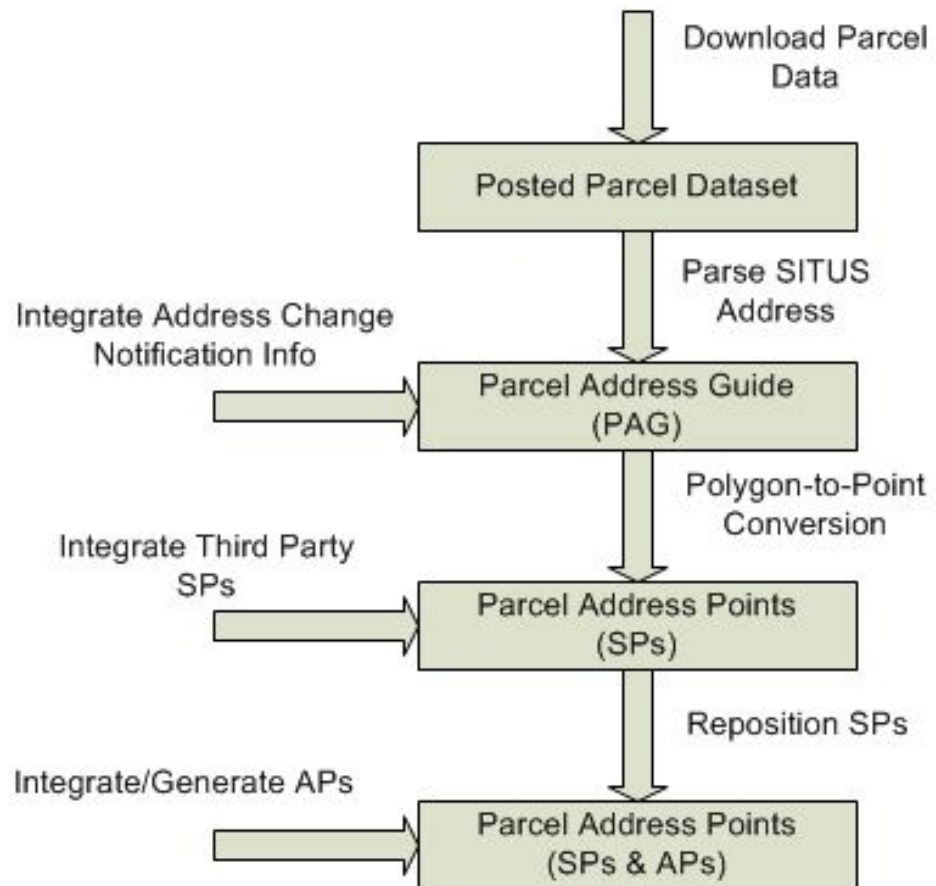
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- Further complications (cont'd)
 3. SPs obtained from other parties (e.g., county fire departments via urban/rural interface studies) must be incorporated into the dataset

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- Proposed/Current Workflow

Note – the esri Local Government Data Model will provide the basic schema template for storing SP & AP data



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- Summary
 - The proposed workflow will enable K-911 to have the most current address point information possible in a format that can be easily maintained