NG911 Data Prep: The Secret Sauce for Utah's Advanced Efforts

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gis.[UT].gov

Matt Peters || Greg Bunce
Ernie Grover

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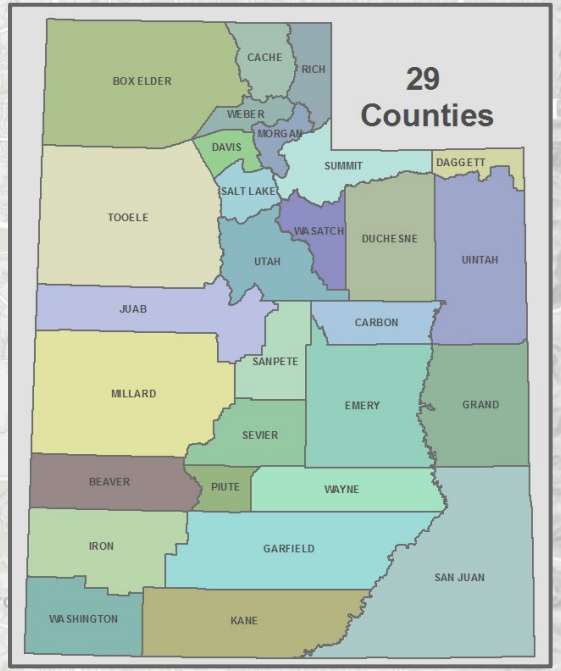
Utah's Current State of Affairs



AGRC

* aggregate and validate required datasets
* run validation and provide discrepancy reports

GIS Data Providers

* create and maintain required datasets

Field Name	Data Type
FROMADDR_L	Long Integer
TOADDR_L	Long Integer
FROMADDR_R	Long Integer
TOADDR_R	Long Integer
PARITY_L	Text
PARITY_R	Text
PREDIR	Text
NAME	Text
POSTTYPE	Text
POSTDIR	Text

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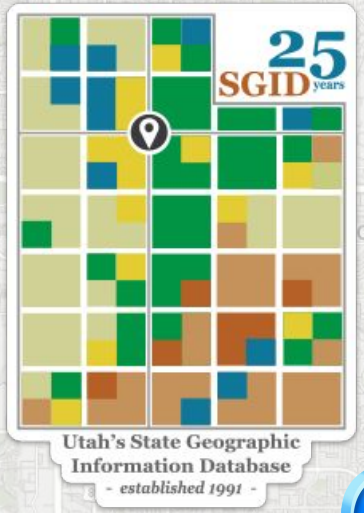
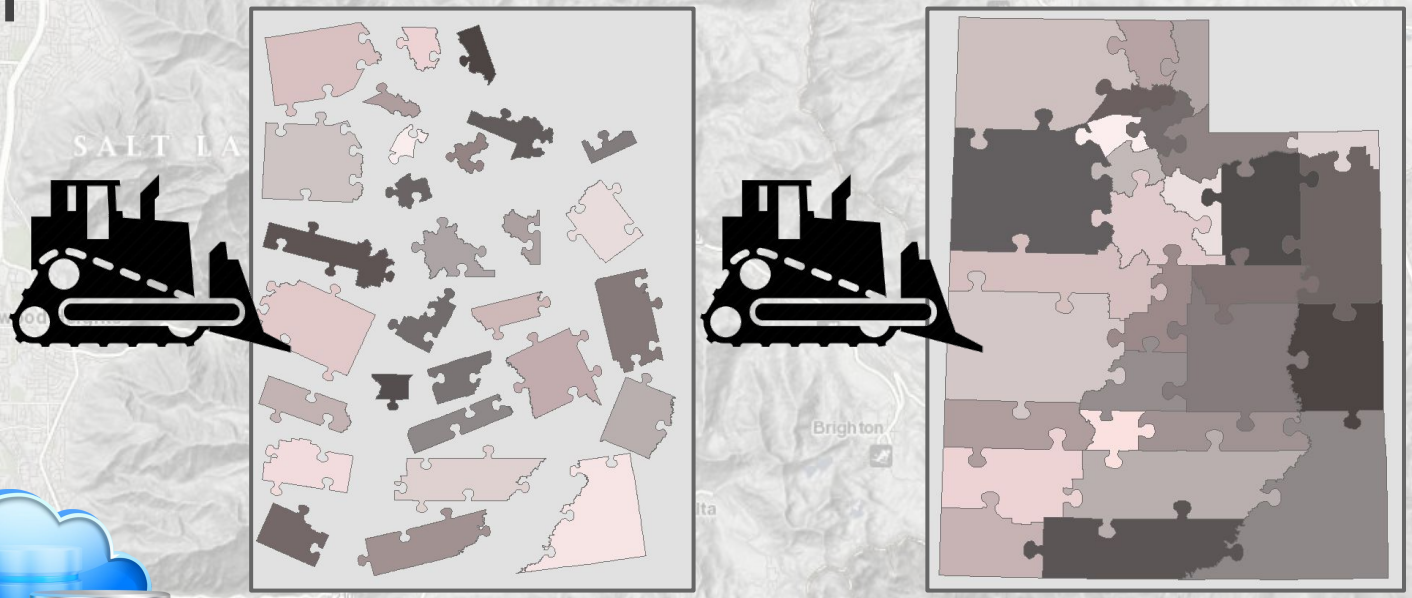
UCA
UTAH COMMUNICATIONS AUTHORITY

Technical Stuff





NEXT GENERATION 9-1-1

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UDOT
Keeping Utah Moving

WASATCH FRONT REGIONAL COUNCIL

NENA
WARRIOR PRINCESS

Ten NG911 GIS Traps

- **911 should not drive the entire statewide data model**
- Neglecting the ETL
- Not sharing domains in core datasets that need validation
- Disregarding local vernacular
- Losing
- Bringi
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AP data

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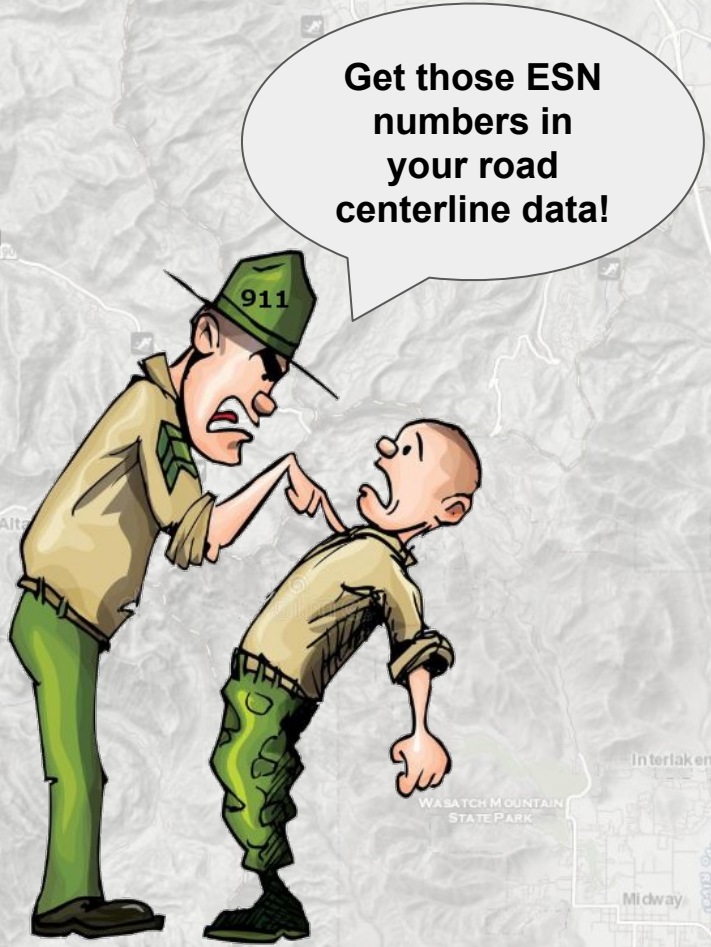

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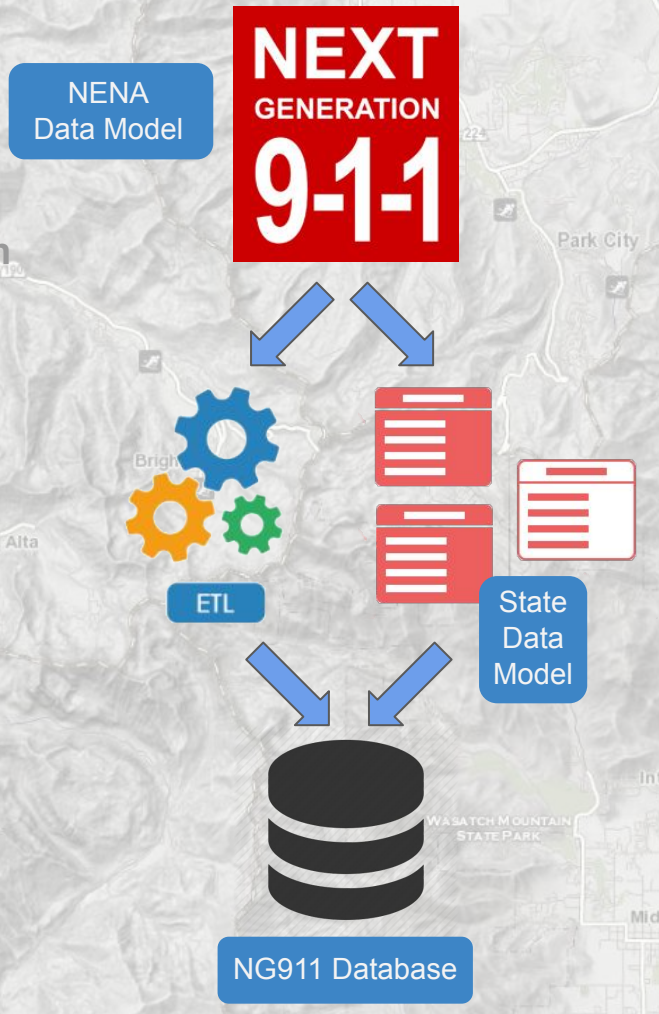
- Losing sight of the data stewards
- Bringing WG84 (reference system) in house
- Expecting cooperation from jurisdictions who are not receiving 911 compensation
- Assuming the call routing data matches the PSAP data
- Assuming it's a technical issue
- Getting the ALI and MSAG data is simple



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St. George or SAINT GEORGE ?

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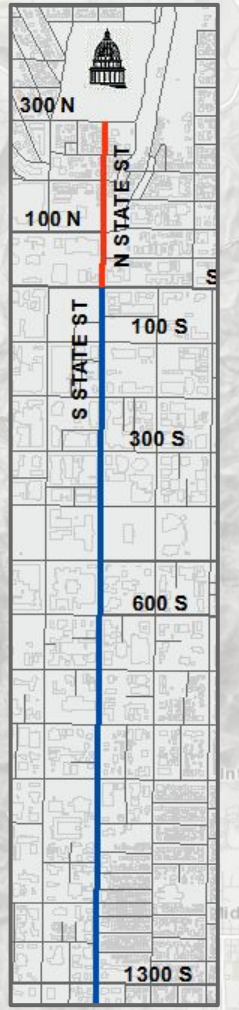

- Forty-Five Hundred South (E 4500 S)
- Twenty-First (E 2100 S)

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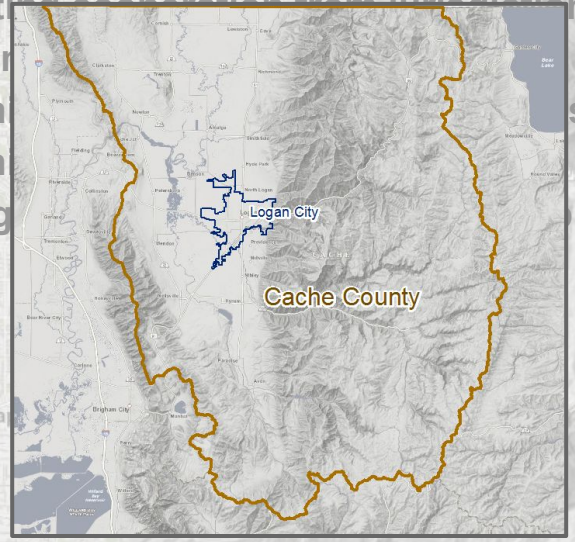
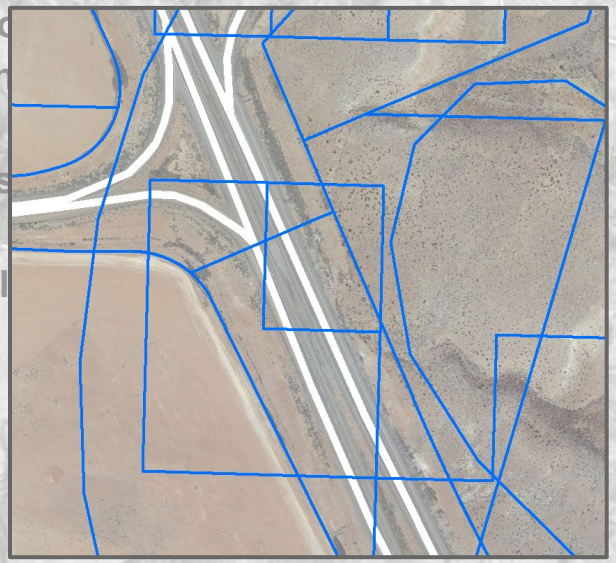


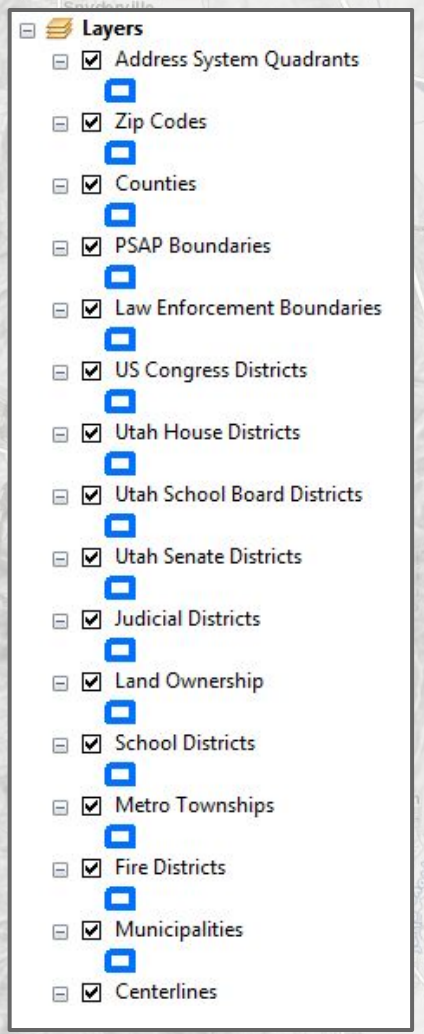
You entered:
1511 SOUTH 1500 EAST
SALT LAKE CITY UT

NEXT GENERATION 9-1-1

USPS.COM

1511 S 1500 E
SALT LAKE CITY UT **84105-2809**





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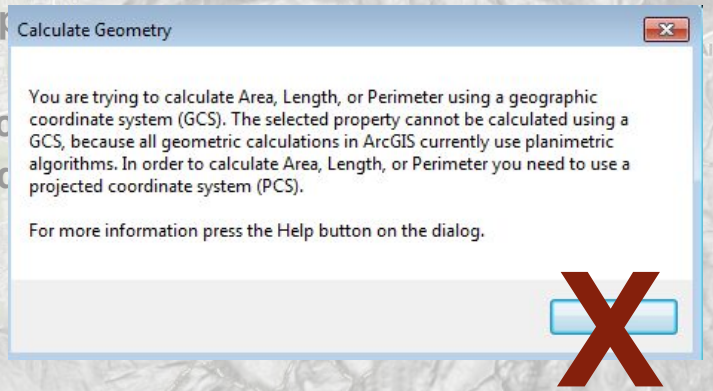

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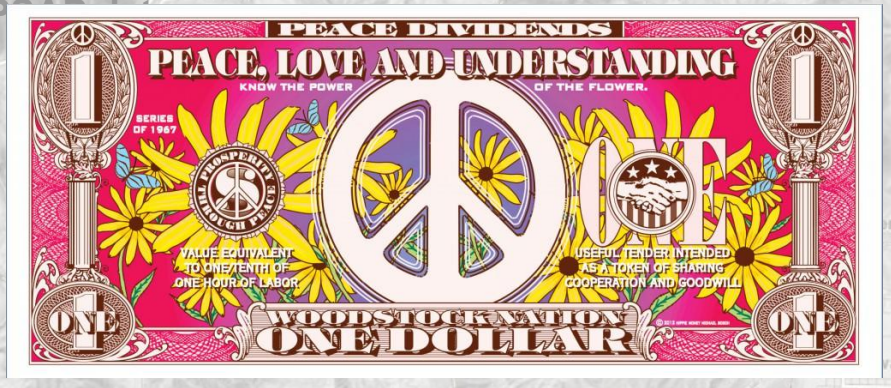

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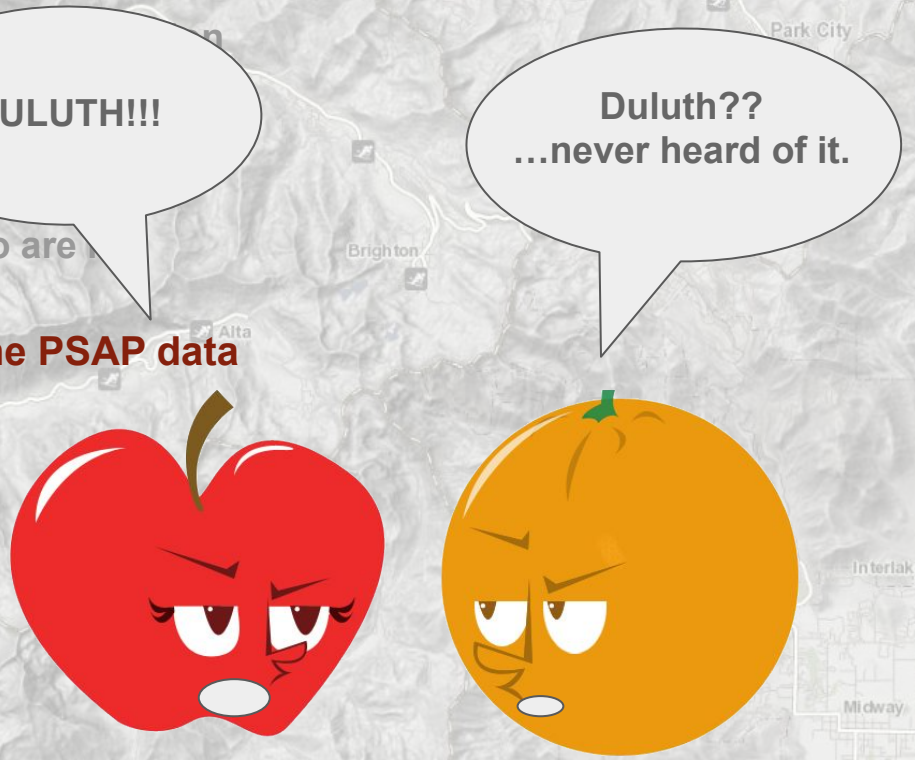

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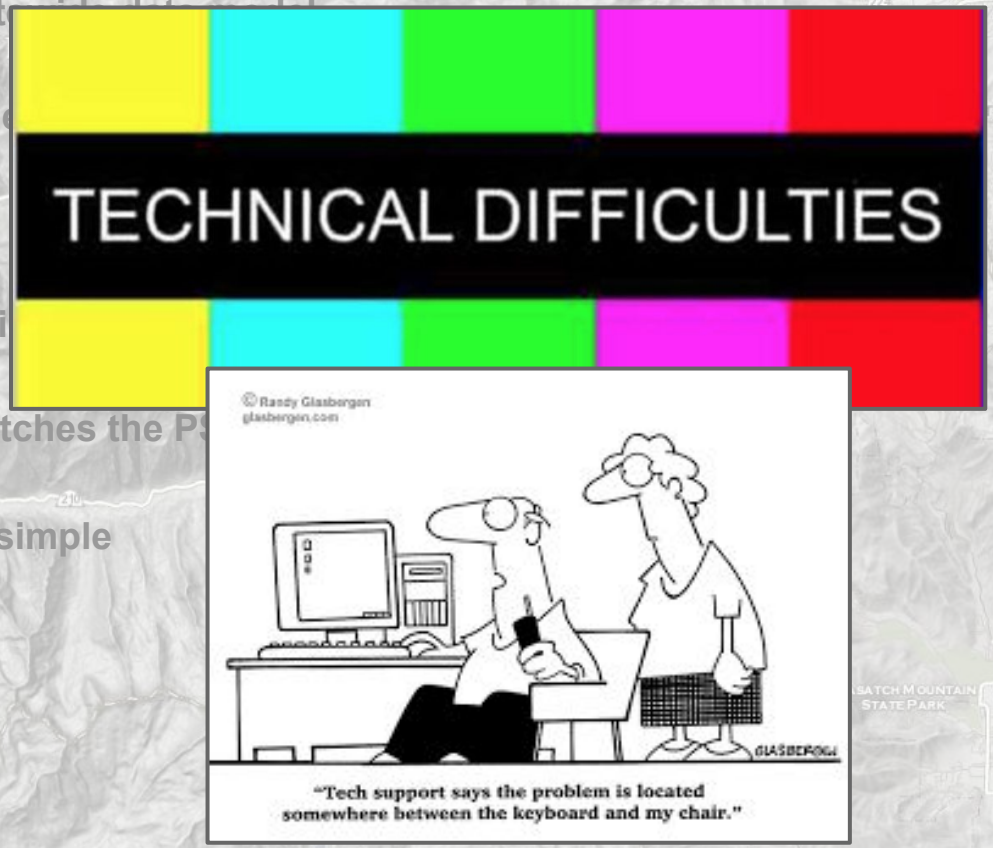

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Other things to consider

Think before you edit

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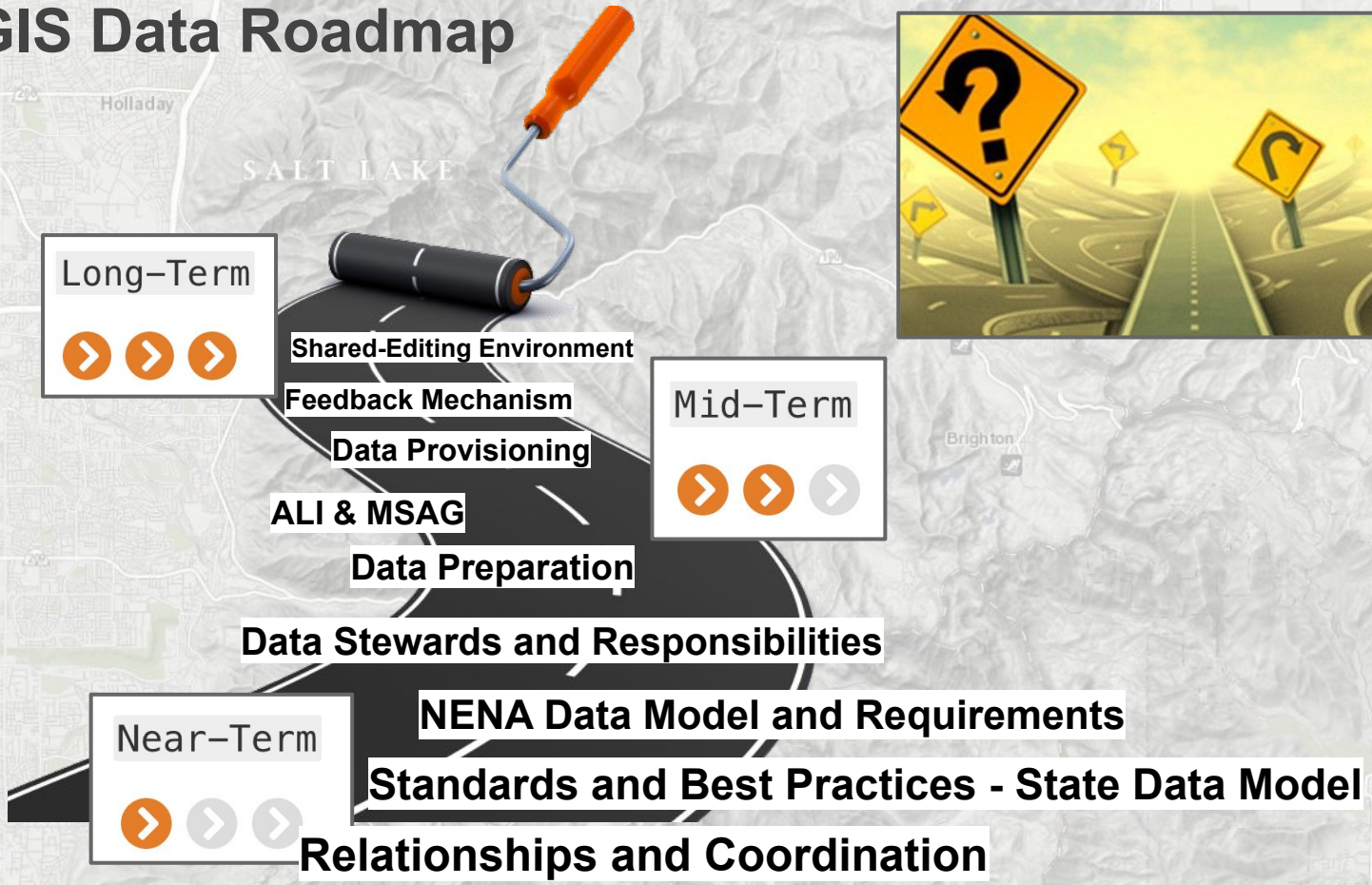
NG911 GIS Data Roadmap



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