

Private Industry, Project Development and Conservation Efforts

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Overview

1. Project Types
2. Project Example
3. Key Laws & Agencies
4. Challenges
5. Steps to Reduce Costs and Timeframes
6. Questions & Discussion



Project Types

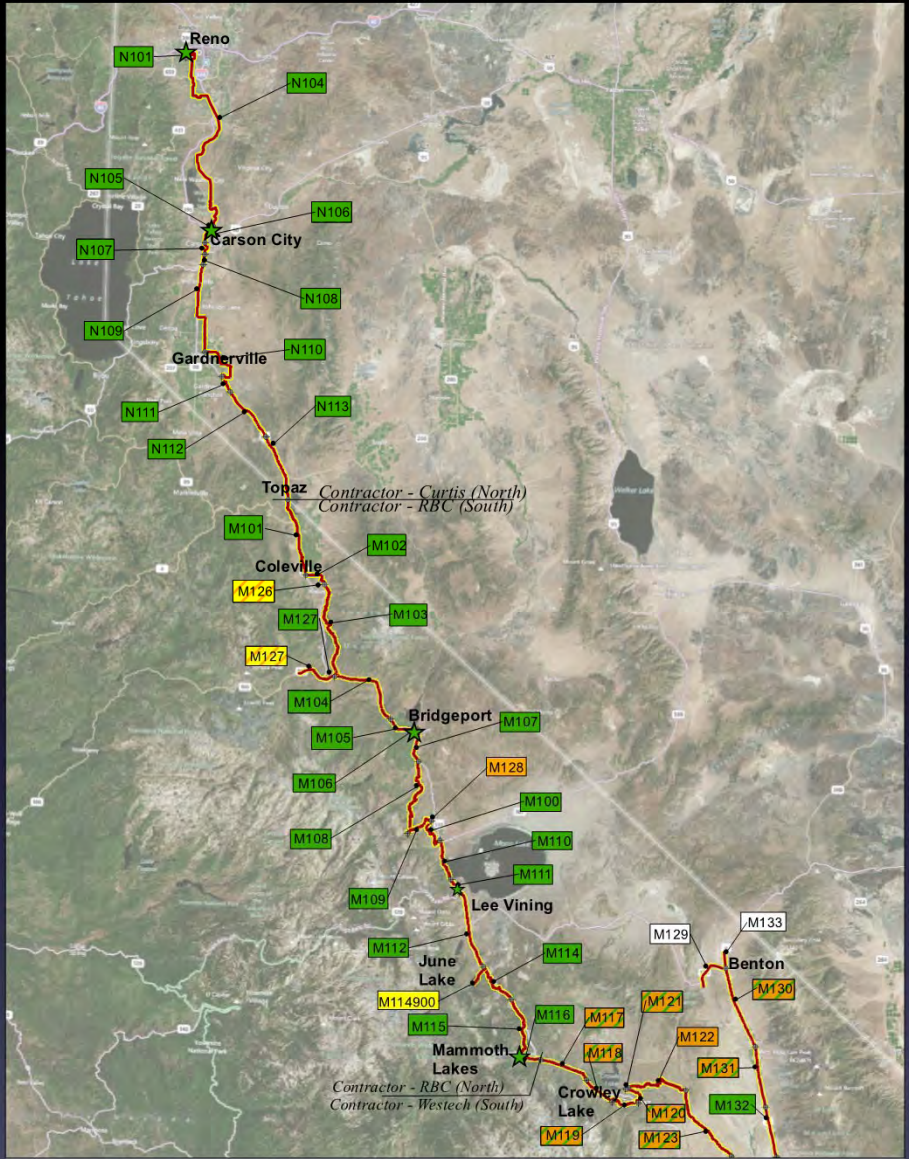
- Linear Projects
- Transportation
- Energy Projects
- Housing/ Business Development
- Grazing/ Ranching/ Farming



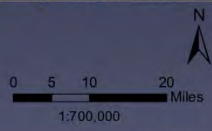
Digital 395 – Middle Mile Project

- Over 600 Miles of Conduit
- Over 50 Agencies (federal, state, local)
- 2 states
- 7 American-Indian Tribes
- Construct within 14 months of viable weather conditions
- Construct within 7 months of Eastern Sierra winter conditions



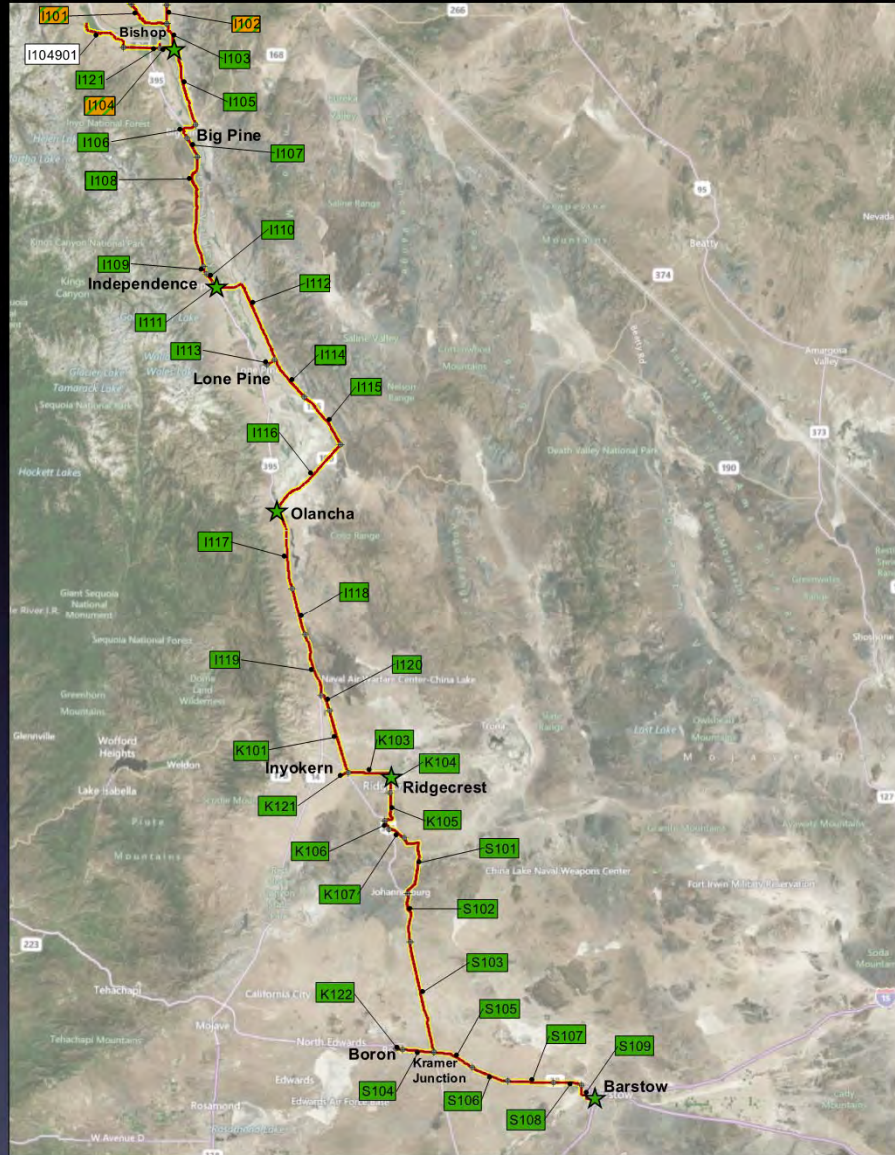


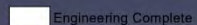
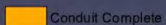


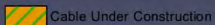

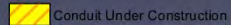
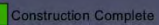
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|----------------------------|--------------------------|-------------------------|
| Engineering Complete | Conduit Complete | Node Complete |
| Permits Received | Cable Under Construction | Node Under Construction |
| Conduit Under Construction | Construction Complete | |

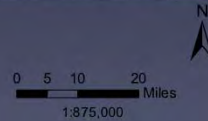


Date: 10/14/2013





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|--|--|---|
|  Engineering Complete |  Conduit Complete |  Node Complete |
|  Permits Received |  Cable Under Construction |  Node Under Construction |
|  Conduit Under Construction |  Construction Complete | |



Date: 10/14/2013



Key Laws & Agencies



- NEPA/ CEQA (in California)
- Endangered Species Act
- Clean Water Act
- National Historic Preservation Act
- Federal – Army Corp, USFWS, BLM, USFS, BIA
- Tribal Lands
- State – CA Dept of Fish and Wildlife, NV Div. of Environmental Protection, CA RWQB, CA SHPO, NV SHPO

Who Cares?

- Project Proponent – Cost and Timeframe
- Tribal Groups – Historical and Cultural Lands
- Agencies – Compliance with existing law
- Environmental Groups – Resources
- Consultants – Agency Compliance (and \$\$\$)



Challenges

- Permit Review/ approval timeframes
- Inconsistent Requirements
- Contradicting Agency Requirements
- Cost (permitting/ monitoring/ mitigation)
- Opposition/ Political Controversy
- Indecision or “Undocumented Agreements”



Steps to Understand & Reduce Cost

- A MAP! (Property Owners & Agency Jurisdiction)
- Early Collaboration with ALL Parties
- Field Visits
- Close Review of Permits Prior to Signing
- Updates and Communication to Agencies



Discussion

