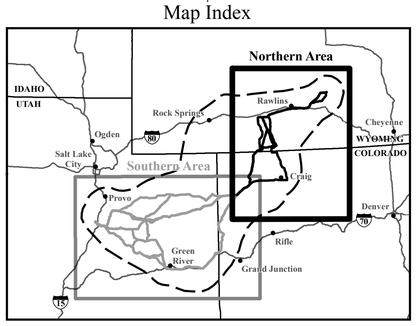
Cumulative Effects

Past and Present Actions

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

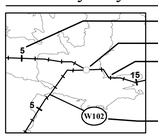


Resource Inventory

PAST AND PRESENT ACTIONS[1,2]

- Mona Pumped Storage Project Transmission Line
- Energy Gateway West Transmission Line
- Coal Mine
- Non-coal Mine
- Communication Facility
- Educational Facility
- Industrial Facility
- Military Training/Testing Site
- Narrows Dam and Reservoir Project
- Oil Shale and/or Tar Sand Development
- Oil and/or Gas Development[3]
- Pipeline[4]
- Recreation
- Residential Subdivision
- Transportation
- Utility
- Wind Energy Facility[5]

Inventory Key



- Milepost Identifer
- Link Node
- Reference Centerline of Alternative Route
- Link Identifer

Project Features

- Project Area Boundary
- Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Relocation (Inset A)
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset B)
- 345kV Proposed Reroute (Segment 4c - Inset B)

General Reference

- City or Town
- Substation
- Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Mona Pumped Storage Project, BLM 2013j, k; Energy Gateway West Transmission Line, Tetra Tech 2013; Utah Coal Mines, UDNR 2013; Black Butte Mine, Ambre Energy 2012a; ColoWyo Coal Mine, BLM 2012; Flat Canyon Coal Lease, USFS 2013d; Long Canyon Coal Lease, BLM 2012ah; Trapper Coal Mine, BLM 2001b; Deer Creek Coal Lease, TetraTech 2012; Deserado Coal Mine, BLM 2009e, 2012ac; Coal Mines, Wyoming DEQ 2011; Coal Leases, SITLA 2014b, Wyoming Office of State Lands and Investments 2013b; Sweetwater Mine and Terry Hankins Copper Mine, BLM 2001b; Utah Non-Coal Leases, SITLA 2014b; Chicken Creek Surface Gypsum Mine, USFS 2012b; Gravel Pits, BLM 2012af; Gilsonite Mines, BLM 2008l; Sodium Mines, BLM 2013f; Uranium Leases, Wyoming Office of State Lands and Investments 2013b; Central Utah Telephone Fiber Optic Line, BLM 2013i; University of Utah Special Use Agreement, SITLA 2014a; Industrial Facilities, SITLA 2014a, Duchesne County 2009, 2014, Mesa County 2011; Flatirons Resources Helium Project, BLM 2013; Special Use Permit, Rio Blanco County 2012; Engineering Battalion Training Area, SITLA 2014a; White Sands Missile Launch Facility, SITLA 2014a; The Narrows Dam and Reservoir Project, SWCD 2012; Red Leaf Oil Shale Project, SITLA 2012; Oil Shale Research, Development and Demonstration Areas, BLM 2010d, 2012ad; Oil Shale and Tar Sands Leases, SITLA 2014c; Enefit Oil Shale Development, Stantec 2012; Oil and Gas Units, BLM 2012ab, ah; Atlantic Rim Oil and Gas Field, BLM 2005f; Berry Petroleum South Unit, USFS 2007; Oil and Gas Projects, BLM 2011s, 2012aj, am, Duchesne County 2014; Carl Allen #45 Oil and Gas Project, WexPro 2012; Blacktail Ridge and Lake Canyon EDA Boundaries, URMCC 2013a; Oil and Gas Wells, UTDOGM 2011; Greasewood Compressor Station, BLM 2013g; Ferron Natural Gas Project, BLM 1998b; Doty Mountain Oil and Gas Project, BLM 2012y; Liberty Pioneer #10-17 Gas Exploration, USFS 2012g; Oil and Gas Leases, Wyoming Office of State Lands and Investments 2013c; Colorado State Land Board 2012, SITLA 2014c; Table Rock Oil and Gas Development, BLM 2012z; Monell/Arch Unit Infill Project, BLM 2012x; West Tavaputs Plateau Oil and Gas Project, BLM 2012af; Peter's Point Loop Pipeline, BLM 2011; Magnum Gas Storage Project Pipeline, BLM 2010c; Victory Pipeline, Jones and DeMille Engineering 2013; Roosevelt Pipeline, CUWCD 2012; ATV Trail, Carbon County UT 2011a; Recreation and Residential Leases, SITLA 2014a; Residential Subdivisions, Carbon County, UT 2011b, Carbon County WY, 2012b, Duchesne County 2009, 2014, Juab County 2009, Moffat County 2009, Sanpete County 2009, Utah County 2009; Seep Ridge Road, BLM 2012an; Standpipe Substation, Rocky Mountain Power 2011; Seven Mile Hill Wind Energy Facility, BLM 2012; Dunlap I Wind Farm, BLM 2012; Sierra Madre and Chokecherry Wind Farms, BLM 2012; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2015; City or Town, ESRI 2013; Transmission Lines and Substations as digitized by EPG, POWERmap Plats 2009; Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; Highways, Roads, and Railroads, ESRI 2013; Pipelines as compiled by EPG, BLM 2006, 2012, 2013, 2014, USFS 2002, PennWell MAPSearch 2011, POWER Engineers, portions were digitized, Bing 2014; Water Features, ESRI 2008, USGS 2010; State and County Boundaries, ESRI 2013; Land Jurisdiction, BLM 2013, USFS 2006, 2011

Notes:

[1]Uses that have been authorized or approved are displayed on this map, as construction for these projects may currently be underway or could begin at any time. Project labels are not shown on this map due to extensive project overlap.
[2]This map only shows past and present actions included in the cumulative analysis, which is based on geographic scopes that vary by resource.
[3]Well spacing and pad size assumptions were used to calculate disturbance for oil and gas projects and units, with the exception of digitized well pads and small projects (6 acres and smaller) that were deemed to be completely disturbed.
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FINAL EIS
September 2015

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

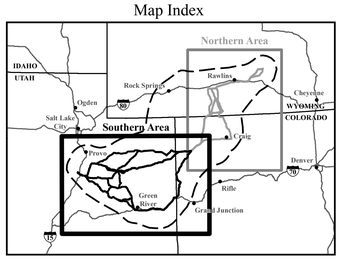
MV-26b

Past and Present Actions

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



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Inventory Key

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- 345kV Proposed Rebuild (Segments 4a and 4b - Inset B)
- 345kV Proposed Reroute (Segment 4c - Inset B)

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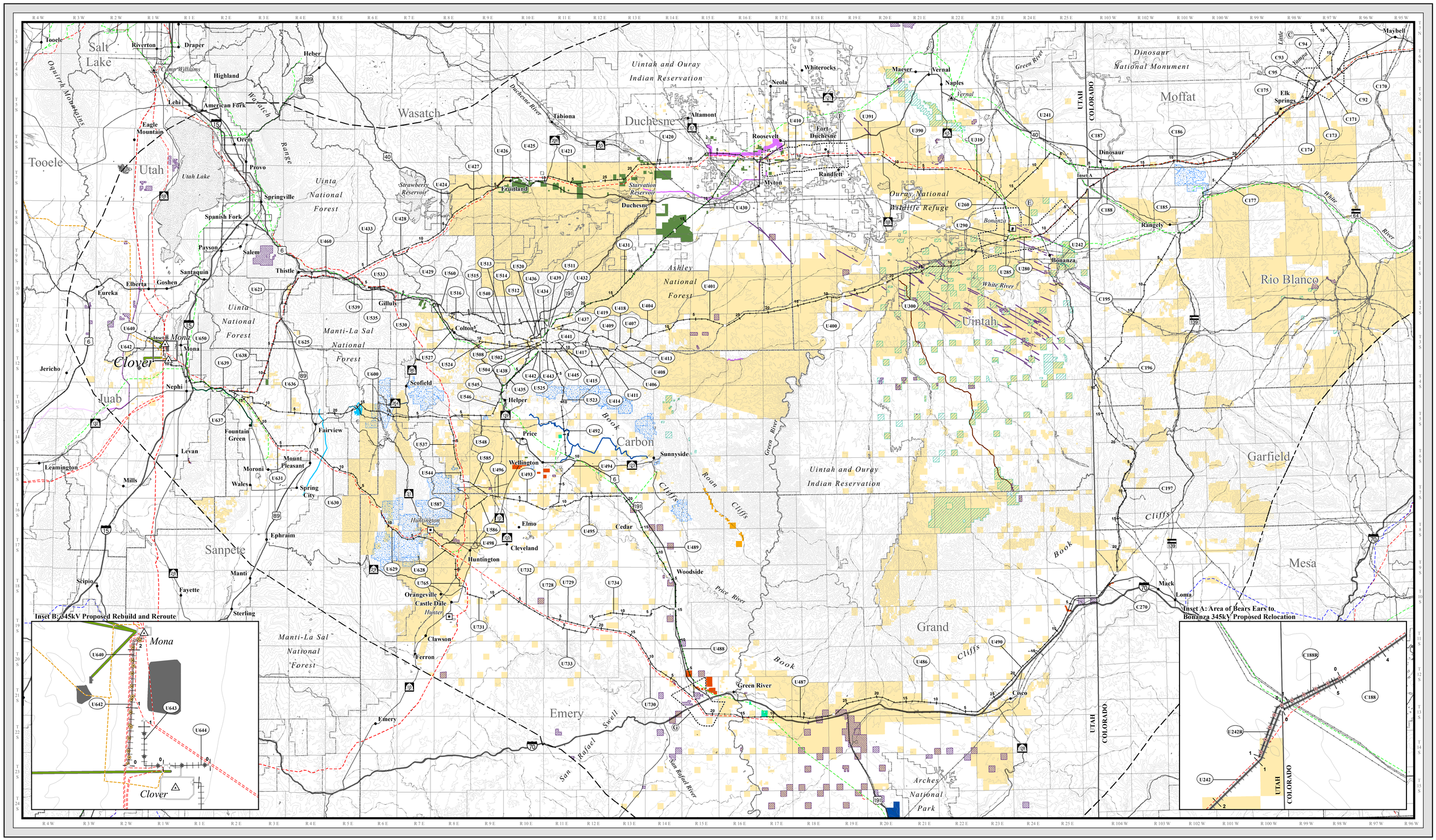
1:380,160 or 1 inch = 6 miles

FINAL EIS

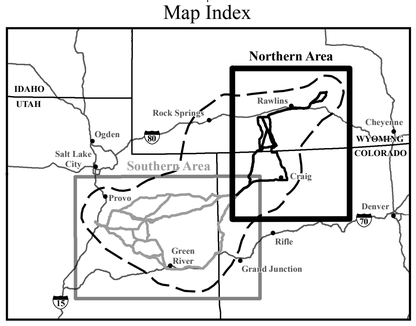
September 2015

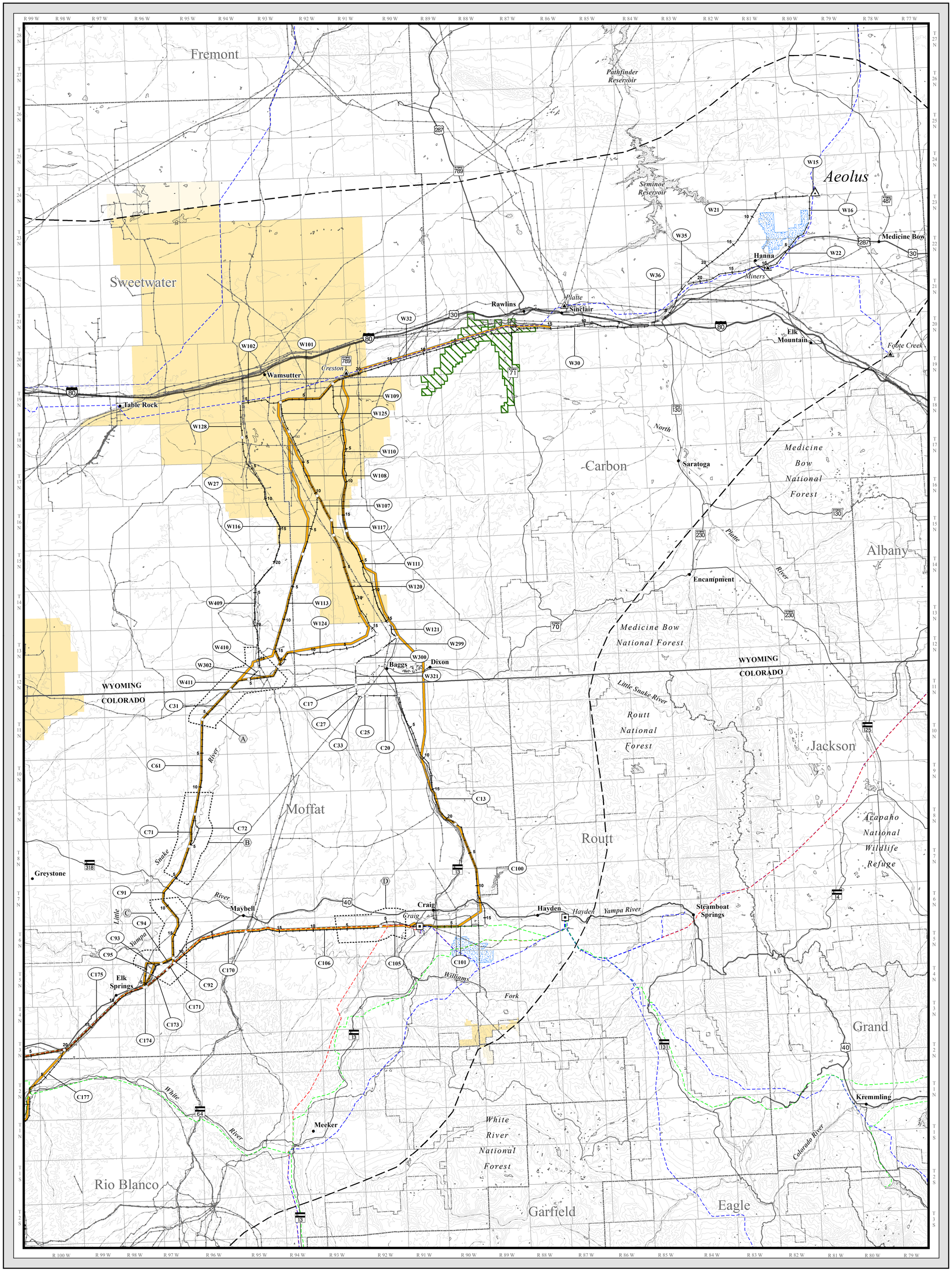


Reasonably Foreseeable Future Actions

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index





Resource Inventory

REASONABLY FORESEEABLE FUTURE ACTIONS[1,2]

- Highway or Road
- Bonanza to Upalco Transmission Line
- TransWest Express Transmission Line
- Uinta Express Pipeline
- Coal Mine
- Oil and/or Gas Development[3]
- Recreation
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Sources:

Interstate Loop Road, BLM 2012as; Squaw Creek Road Relocation Project, USFS 2012i;
Bonanza to Upalco Transmission Line as digitized by EPG, Moon Lake Electric 2013;
TransWest Express Transmission Line, AECOM 2013, POWER Engineers 2014; Uinta Express Pipeline, USFS 2013e;
Trapper Mine Exploratory Boundary, Trapper Mining Inc. 2012; Rosebud Mine, Ambre Energy 2012b;
Oil and Gas Units, BLM 2012ah; Hiawatha Regional Oil and Gas Project, BLM 2006; Continental Divide-Creston Natural Gas Project, BLM 2007e;
Monument Butte Oil and Gas Project, BLM 2012; Proposed Golf Course, City of Naples 2009a; Residential Lease, SITLA 2014a;
Strawberry Highlands Residential Subdivision, Wasatch County 2012; Woodside Carbon Sequestration Site and Substation, BLM 2012ar;
Blue Castle Nuclear Power Plant, Emery County 2009; Quaking Aspen Mountain and White Mountain Wind Farms, BLM 2012aq;
Potential Wind Development Area, Emery County, 2011; Sweeney Ranch Wind Farm, BLM 2009; Hogback Ridge Wind Energy Project, BLM 2013p;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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FINAL EIS
September 2015

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MV-27b

Reasonably Foreseeable Future Actions

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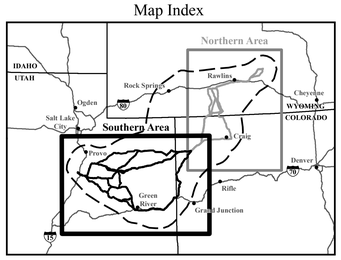

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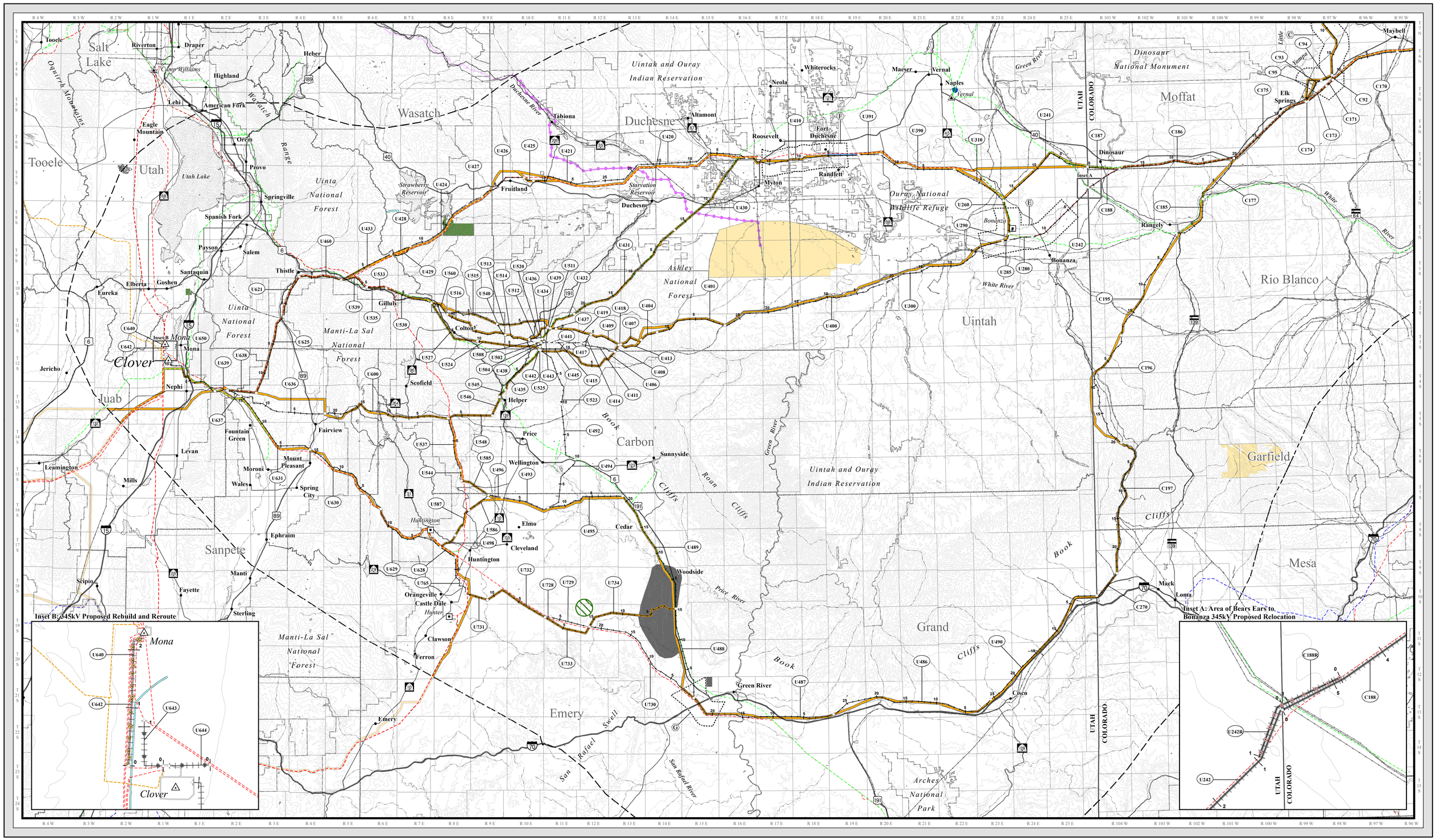
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