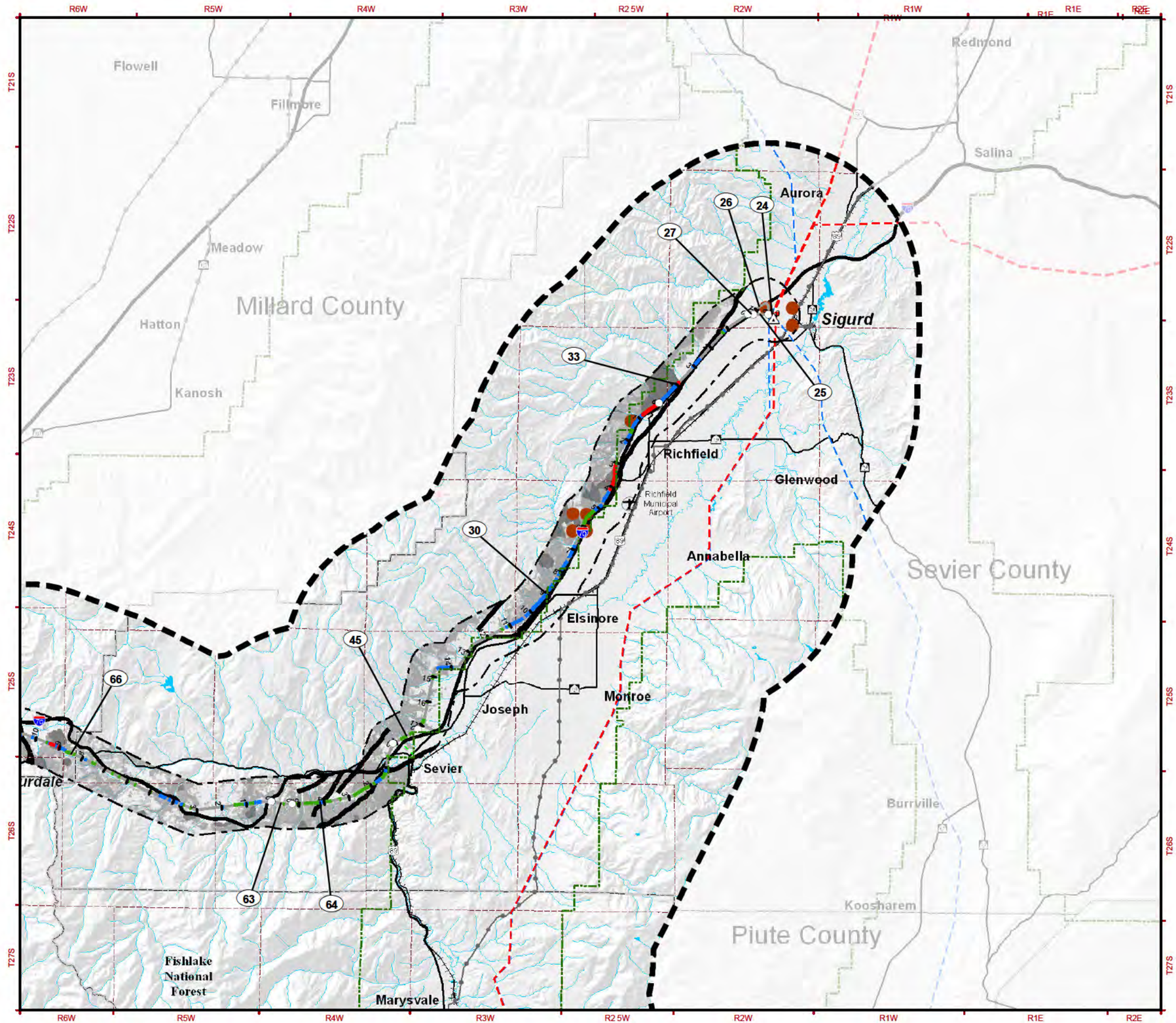

MAP MV – 2a
GEOLOGIC HAZARDS INVENTORY AND IMPACTS

RESOURCE INVENTORY

FAULTS
- Quaternary Fault

EARTHQUAKE EPICENTERS
- Earthquake Epicenters

LANDSLIDE SUSCEPTIBILITY
- Low
- Moderate
- High

IMPACT LEVELS
- High
- Moderate
- Low
- Not Identifiable

Note: Impact levels shown represent impacts remaining (residual) after the applica ion of mitigation measures.

GENERAL REFERENCE FEATURES
- Project Area
- Study Corridor
- Link Number
- Mile Tick
- Centerline
- Link Node
- Power Plant
- Substation
- 500kV +/- DC Transmission Line
- 345kV Transmission Line
- 230 to 287kV Transmission Line
- 138 to 161kV Transmission Line
- Pipeline
- County Boundary
- U.S. Forest Service Boundary
- Township Line
- Interstate Highway
- U.S. Highway
- State Highway
- Railroad
- Airport
- River or Stream
- Lake or Reservoir

SOURCES:
Resource Data:

Impact: EPG, 2010
Quaternary Faults: USGS, 2003
Earthquake Epicenters: USGS, 2000
Landslide Susceptibility: UGS, 2007

Base Data:

Transmission Line: EPG, 2009; Roads, County Boundary: ESRI, 2008
U.S. Forest Service: USFS, 2006; Transportation: NTAD2008, U.S. Department of Transportation
Railroad: FRA, 2008; Airport: RITA/BTS, 2008; PLSS: BLM, 2006; Water, River, Stream: USGS, 2008
Hillshade: USGS, 1999; POWERmap, powermap.platts.com

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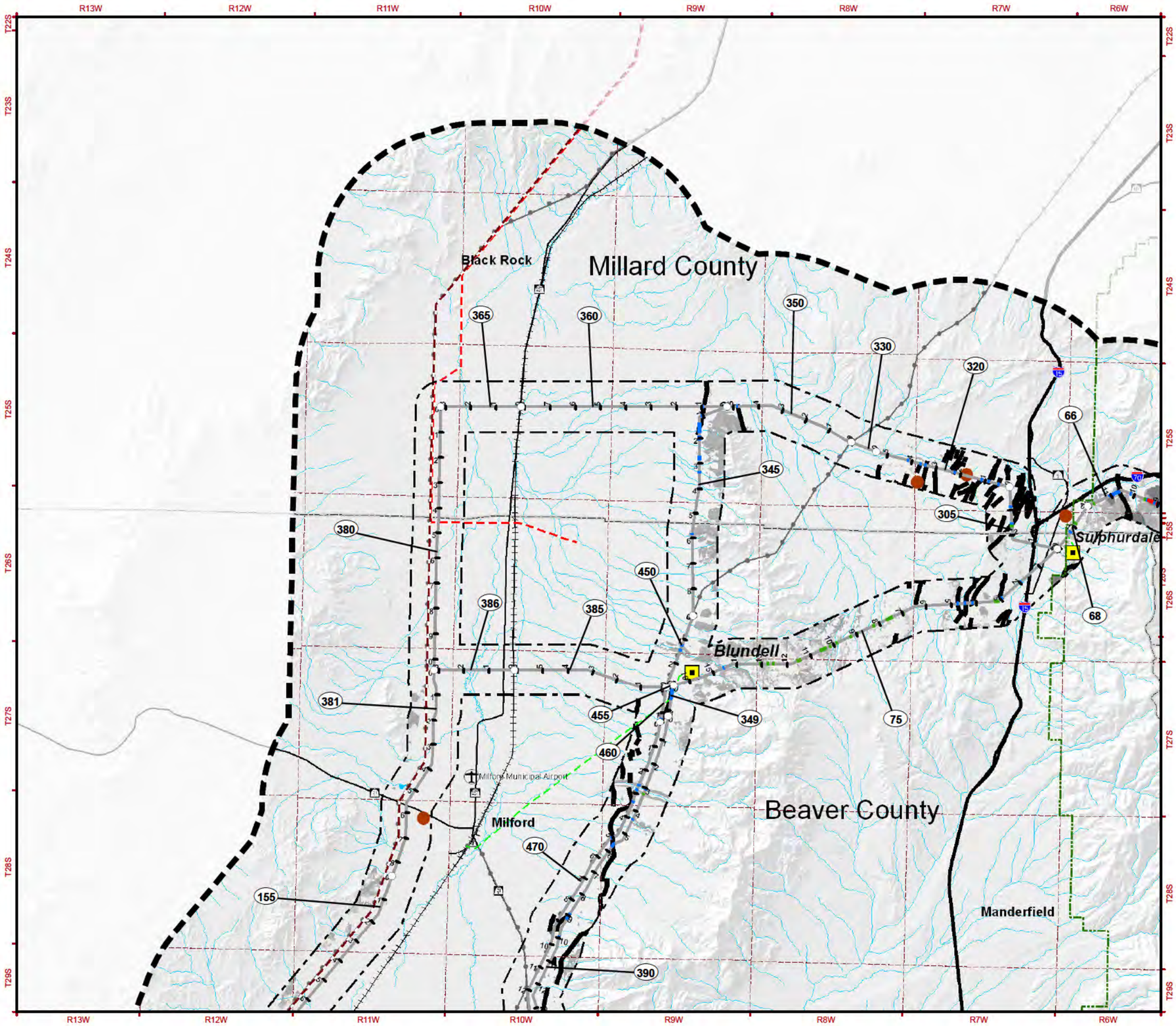

MAP MV – 2b
GEOLOGIC HAZARDS INVENTORY AND IMPACTS

RESOURCE INVENTORY

FAULTS
- Quaternary Fault

EARTHQUAKE EPICENTERS
- Earthquake Epicenters

LANDSLIDE SUSCEPTIBILITY
- Low
- Moderate
- High

IMPACT LEVELS
- High
- Moderate
- Low
- Not Identifiable

Note: Impact levels shown represent impacts remaining (residual) after the applica ion of mitigation measures.

GENERAL REFERENCE FEATURES
- Project Area
- Study Corridor
- Link Number
- Mile Tick
- Centerline
- Link Node
- Power Plant
- Substation
- 500kV +/- DC Transmission Line
- 345kV Transmission Line
- 230 to 287kV Transmission Line
- 138 to 161kV Transmission Line
- Pipeline
- County Boundary
- U.S. Forest Service Boundary
- Township Line
- Interstate Highway
- U.S. Highway
- State Highway
- Railroad
- Airport
- River or Stream
- Lake or Reservoir

SOURCES:

Resource Data:
Impact: EPG, 2010
Quaternary Faults: USGS, 2003
Earthquake Epicenters: USGS, 2000
Landslide Susceptibility: UGS, 2007

Base Data:
Transmission Line: EPG, 2009; Roads, County Boundary: ESRI, 2008
U.S. Forest Service: USFS, 2006; Transportation: NTAD2008, U.S. Department of Transportation
Railroad: FRA, 2008; Airport: RITA/BTS, 2008; PLSS: BLM, 2006; Water, River, Stream: USGS, 2008
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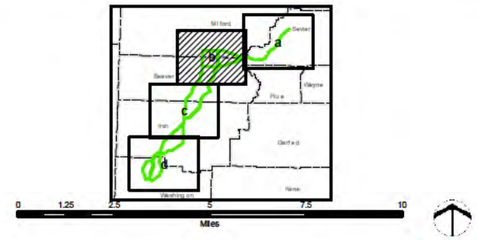

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MAP MV – 2c
GEOLOGIC HAZARDS INVENTORY AND IMPACTS

R16W R15W R14W R13W R12W R11W R10W R9W

T28S T29S T30S T31S T32S T33S T34S T35S

Beaver County

Latimer

Lund

Zane

Iron County

Minersville

155 160 163 165 220 390 395 396 397 430 435 470 475 480 490

RESOURCE INVENTORY

FAULTS
- Quaternary Fault

EARTHQUAKE EPICENTERS
- Earthquake Epicenters

LANDSLIDE SUSCEPTIBILITY
- Low
- Moderate
- High

IMPACT LEVELS
- High
- Moderate
- Low
- Not Identifiable

Note: Impact levels shown represent impacts remaining (residual) after the applica ion of mitigation measures.

GENERAL REFERENCE FEATURES
- Project Area
- Study Corridor
- Link Number
- Mile Tick
- Centerline
- Link Node
- Power Plant
- Substation
- 500kV +/- DC Transmission Line
- 345kV Transmission Line
- 230 to 287kV Transmission Line
- 138 to 161kV Transmission Line
- Pipeline
- County Boundary
- U.S. Forest Service Boundary
- Township Line
- Interstate Highway
- U.S. Highway
- State Highway
- Railroad
- Airport
- River or Stream
- Lake or Reservoir

SOURCES:
Resource Data:
Impact: EPG, 2010
Quaternary Faults: USGS, 2003
Earthquake Epicenters: USGS, 2000
Landslide Susceptibility: UGS, 2007

Base Data:
Transmission Line: EPG, 2009; Roads, County Boundary: ESRI, 2008
U.S. Forest Service: USFS, 2006; Transportation: NTAD2008, U.S. Department of Transportation
Railroad: FRA, 2008; Airport: RITA/BTS, 2008; PLSS: BLM, 2006; Water, River, Stream: USGS, 2008
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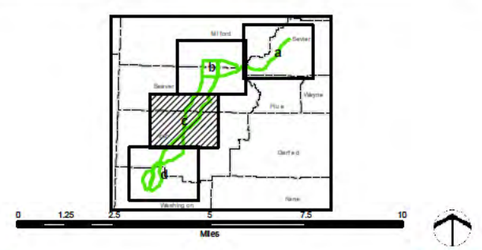

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MAP MV – 2d
GEOLOGIC HAZARDS INVENTORY AND IMPACTS

R18W R17W R16W R15W R14W R13W R12W R11W

T34S T35S T36S T37S T38S T39S T40S

Iron County

Washington County

Dixie National Forest

Iron Springs

Kanarraville

New Harmony

Pine Valley

Gunlock

Veyo

Red Butte

Central

Pinto

Mountain Meadows Massacre Site

Newcastle

Newcastle Reservoir

Enterprise

165 220 430 435 240 221 441 438 442 280 250 245 222 443 285 444 270 260 275 500 290

RESOURCE INVENTORY

FAULTS
- Quaternary Fault

EARTHQUAKE EPICENTERS
- Earthquake Epicenters

LANDSLIDE SUSCEPTIBILITY
- Low
- Moderate
- High

IMPACT LEVELS
- High
- Moderate
- Low
- Not Identifiable

Note: Impact levels shown represent impacts remaining (residual) after the applica ion of mitigation measures.

GENERAL REFERENCE FEATURES
- Project Area
- Study Corridor
- Link Number
- Mile Tick
- Centerline
- Link Node
- Power Plant
- Substation
- 500kV +/- DC Transmission Line
- 345kV Transmission Line
- 230 to 287kV Transmission Line
- 138 to 161kV Transmission Line
- Pipeline
- County Boundary
- U.S. Forest Service Boundary
- Township Line
- Interstate Highway
- U.S. Highway
- State Highway
- Railroad
- Airport
- River or Stream
- Lake or Reservoir

SOURCES:
Resource Data:

Impact: EPG, 2010
Quaternary Faults: USGS, 2003
Earthquake Epicenters: USGS, 2000
Landslide Susceptibility: UGS, 2007

Base Data:

Transmission Line: EPG, 2009; Roads, County Boundary: ESRI, 2008
U.S. Forest Service: USFS, 2006; Transportation: NTAD2008, U.S. Department of Transportation
Railroad: FRA, 2008; Airport: RITA/BTS, 2008; PLSS: BLM, 2006; Water, River, Stream: USGS, 2008
Hillshade: USGS, 1999; POWERmap, powermap.platts.com

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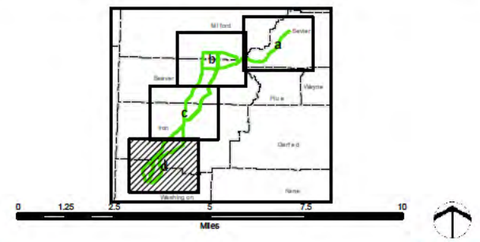

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