Draft Environmental Impact Statement for the Sigurd to Red Butte No. 2 – 345kV Transmission Project

DES 11-22

DOI-BLM-UT-C010-2009-0048-EIS

Case File: UTU 83067

May 2011

Volume II of II

Maps

BLM

Color Country

BLM Mission

To sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

Bureau of Land Management

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U.S. Department of the Interior
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Color Country District
Cedar City Field Office
176 East D.L. Sargent Drive
Cedar City, Utah 84721

Cooperating Agencies
U.S. Forest Service (Dixie and Fishlake National Forests)
U.S. Army Corps of Engineers
Utah Public Land Policy Coordination Office
Utah School and Institutional Trust Lands Administration
Counties: Beaver, Iron, Millard, Sevier, and Washington
Communities: Enterprise and St. George

May 2011

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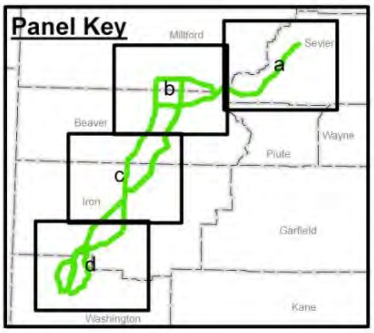
ABOUT THE MAP VOLUME

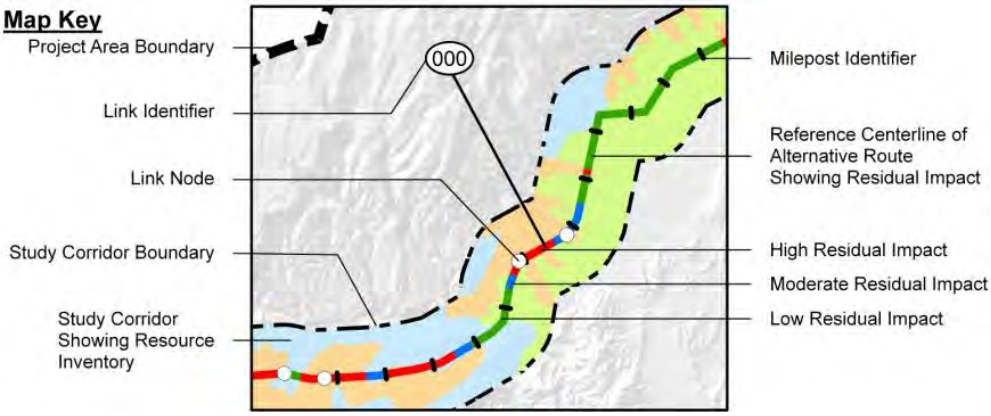
This map volume accompanies the Draft Environmental Impact Statement (EIS) for the Sigurd to Red Butte No. 2 – 345kV Transmission Project (Project), a proposed transmission line from the existing Sigurd Substation in Sevier County, Utah, to the existing Red Butte Substation in Washington County, Utah.

The map volume contains (1) a map showing construction access levels and (2) 15 maps showing resource inventory and impacts. Each map is divided into four panels illustrating four portions of the Project area. The north-easternmost panel (Panel a) illustrates the alternative route from Sigurd Substation to Cove Fort area. Panel b illustrates the alternative routes from the Cove Fort area to the Milford and Minersville area. Panel c illustrates the alternative routes from the Minersville area to the Antelope Range. Panel d illustrates the alternative routes from the Antelope Range to the Red Butte Substation.



Every map includes the same base information such as place and feature names, major highways and roads, and existing linear facilities (e.g., transmission lines and pipelines). Each map also includes certain basic Project information such as the alternative routes and substations.

The alternative routes are delineated on the maps and show the reference centerline, centered in the route corridor. Each route is divided into distinct segments referred to as links, which are numbered generally from northeast to southwest. It should be noted data are documented in a geographic information system (GIS) for every tenth mile and often reported in tables supporting the text in the EIS in tenths of a mile. However, for legibility, each link is marked on the maps at every mile; the markers are referred to as mileposts.



The width of the study corridor inventoried varies depending on the resource being addressed. Earth, water, biological, paleontological, and land use and recreation resources were inventoried within a 2-mile-wide study corridor (1 mile on either side of the reference centerline). Cultural resources were inventoried within a 4-mile-wide study corridor (2 miles on either side of the reference centerline). Visual resources were inventoried within a 6-mile-wide study corridor (3 miles on either side of the reference centerline). The inventoried baseline data are shown in the study corridor and impacts are shown along the reference centerline.

Each map consolidates and illustrates a variety of different information, and each legend explains the information unique to each map.

List of Maps

MV-1	Construction Access Levels
MV-2	Geological Hazards Inventory and Impacts
MV-3	Mineral Resources Inventory and Impacts
MV-4	Soil Resources Inventory and Impacts
MV-5	Water Resources
MV-6	Vegetation Inventory and Impacts
MV-7	Sensitive Habitats Inventory and Impacts
MV-8	Crucial Big Game Inventory and Impacts
MV-9	Paleontological Resources
MV-10	Landscape Scenery Inventory and Impacts
MV-11	Moderate Sensitivity Viewers Inventory and Impacts
MV-12	High Sensitivity Viewers Inventory and Impacts
MV-13	Visual Resource Management Inventory and Compliance
MV-14	Existing Land Use Inventory and Impacts
MV-15	Future Land Use Inventory and Impacts
MV-16	Recreation Resources Inventory and Impacts