

Viewshed

Visual Simulation Production Process

The technical process to prepare visual simulations for the project is provided in detail in the attached Mona to Oquirrh Transmission Corridor Project visual simulation process board. Visual simulations were prepared for the project to depict “before construction” conditions, and after “revegetation and reclamation phases” of the proposed project. A study corridor width of 3-miles is used to inventory land uses for routing and visual analysis purposes.

Several visual simulations located in Tooele County were prepared for the project, and copies of these simulations were submitted to Tooele County Planner, Kerry Beutler, on January 11, 2010. The submittal on CD included a total of 15 visual simulations taken from 7 different viewpoints. The general location of each viewpoint is discussed below.

- **Viewpoint 1:** This viewpoint is located at the Pony Express Trail Marker located on Faust Road, east of Faust, and about 6.1 miles west of the SR 73 intersection.
- **Viewpoint 2:** This viewpoint is located just north of the Fivemile Pass Recreation Area on SR 73, about 6.7 miles north of the Faust Road intersection.
- **Viewpoint 3** (2 simulations total): This viewpoint is located on South Willow Canyon Tooele County Scenic Byway on the east side of the Stansbury Mountains.
- **Viewpoint 4:** This viewpoint is located at the end of Pine Canyon Road, and represents typical views of the Project from residences located in Lincoln (east Tooele Valley) looking toward the NOMA.
- **Viewpoint 5** (3 simulations total): This viewpoint is located at the west end of Cassidy Drive on the east bench of Tooele.
- **Viewpoint 6** (3 viewpoints total): This viewpoint is located on the east side of Tooele adjacent to the Oquirrh Hills Golf Course on Middle Canyon Road (east end of E. Vine Street), and shows views southeast toward the Tooele “T”.
- **Viewpoint 7** (4 viewpoints total): This viewpoint is also located on the east bench of Tooele, at the intersection of Via La Costa and 1230E, and represents typical views south from east bench residences.

Another copy of the January 11, 2010 CD submittal has been included for staff review.

Houses within ¼ Mile of Proposed Route Centerline (Link 190)

An industry standard distance of ¼ mile is used to determine indirect impacts on land uses. In determining direct impacts to land uses, the right-of-way width is used.

Figure 1 depicts the 12 single-family homes and 1 mobile home trailer that are within ¼ mile of the proposed route centerline south of Tooele City, along Link 190. There are 11 homes located approximately 960 feet from the route centerline at the intersection of W 1220 South and State Road 36. Another home is located at the end of Grimm Hill Road, approximately 1,120 feet from the route centerline. In addition, there is one mobile home trailer that is approximately 1,270 feet away from the route centerline. Distances of homes from route centerlines are approximate and were estimated based on Geographic Information System (GIS) analysis and June 2009 color aerial imagery (NAIP imagery 2009). Margin of error in distance approximation is plus or minus 50 feet.

As a point of reference, a regulation size football field is 100 yards long or 300 feet in length. The closest homes to the route centerline are over 3 football fields in length away.