Process for Determining Route Alternatives

Review Project Requirements and Define Siting Area

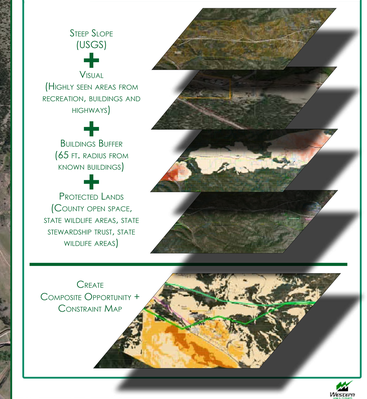
The following GIS model is only one of many tools and information that should be considered when developing options. Options will be evaluated and refined with additional data. GIS data has been acquired for existing government sources.

Identify Siting Considerations

Map Development Process
Each GIS dataset was combined to create a composite map. Each layer has a value of 1, creating a score from 1 to 4.

Steep Slope (USGS)
+
Visual (Highly seen areas from recreation, buildings and highways)
+
Buildings Buffer (65 ft. radius from known buildings)
+
Protected Lands (County open space, state wildlife areas, state stewardship trust, state wildlife areas)

Create Composite Opportunity + Constraint Map



Skinner Gulch MRD Subdivision

Odenthill MRD Subdivision

Pittington RLUP Subdivision

Newell Lake View Subdivision

Pinewood Lake

Bald Mountain

Flatiron Reservoir

Carter Lake Reservoir

Pole Hill Substation

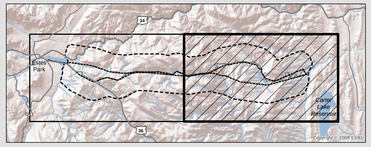
Flatiron Substation

Routing Considerations

- EA Route Option
- Existing ROW
- 110' ROW
- 30 ft. Contours

Number of Considerations

- 1 Consideration
- 2 Overlapping Considerations
- 3 Overlapping Considerations
- 4 Overlapping Considerations
- Study Area (1 Mile Buffer of Existing Lines)



Considerations include slope greater than 30%, sensitive viewsheds, parks and open space, and a 65 ft buffer around homes.

0 0.5 1 Miles

N