

LIGHT USE ROADS

Light use roads are used within the mine facilities area and are shown on Figure 2.2-2. For the construction of all the roads on site, all vegetation material and topsoil will be removed from the design road bed, shoulders, and surfaces where associated structures will be placed. Topsoil will be placed in topsoil stockpile. No vegetation material or topsoil will be placed beneath or in any road embankment.

The material for the embankment shall be reasonably free of organic material, coal or coal blossom, frozen materials, wet or peat material, natural soils containing organic matter or any other material considered unsuitable for use in embankment construction by the DRMS.

The roads on site will be maintained in accordance with Rule 4.03.3(6). Road surfaces will be periodically watered and maintained with a motor grader. Ditches along the roadways will be periodically cleaned with a motor grader and the road shoulders will be smoothed to conform to the paved surface. Cut and fill sections will be vegetated and gullies, if any, will be repaired at least annually. If the road is damaged by a catastrophic event such as a flood or earthquake, it will be repaired as soon as practicable after the damage has occurred.

Light use road #1 provides access to the material storage area east of the coal mine waste pile. Light use road #2 is used for sediment pond maintenance and for access to the topsoil and construction material stockpiles. Light use road #1 is approximately 25 feet long with an average grade of 0%. Light use road #2 is approximately 2000 feet long with an average grade of 3% and a maximum pitch grade of 18%. Light use road #2 will be augmented by 100 feet to allow access from the existing sediment drying pile to the new sediment drying pile, as shown in figure 1.1. A cross-section design of this road is shown in Figure 2.2-3.

Light use road #3 provides access to a power meter. Light use road #3 is approximately 60-feet long with an average grade of 0%. A 12" diameter culvert will be placed under light use road #3. It is sized the same as the cross road culvert located east of light use road #3. There is very little drainage area associated with this culvert.

Light use roads will be reclaimed by returning the road to its pre-mining contour configuration.

During November and December 2005, a light use road was constructed along the north branch of Munger Creek to provide access to a drill hole or holes. The light use road was located on ridges or on the most stable available slopes to minimize erosion. The light use road was reclaimed in 2006.