STATE OF INDIANA
INDIANA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RECLAMATION

ABANDONED COAL MINE
RESTORATION

COUGAR HIGHWALL
SITE 1813
CONTRACT DEL1915208422/E008-283
SULLIVAN COUNTY

Clear and grub, backfill highwall and vertical opening, construct wetlands, improve drainage, and revegetate site to enhance wildlife habitat and recreation opportunities.
1. Loose fill shall be placed in the fill areas of the tree planting mix. Loose fill shall consist of a single, 4 foot lift and one pass of a low ground pressure dozer unless otherwise approved by the Engineer.

2. Any cut/fill adjustments shall occur within the designated areas and must not create any grades that exceed 4 to 1 slopes and must maintain positive drainage patterns away from the adjustment areas. All significant adjustments in elevation and grade shall require approval of the Engineer.

3. Center line and profile reports for all ditches are provided within the Special Provisions of the Contract Documents.

Notes:

1. Compact surfacing material by equipment travel. The finished top surface of the rock in the bottom of the channel shall be no higher than the ditch bottom at the upstream edge of the crossing. It is expected that surfacing material will have to be replaced following high flow events.

2. Blend approaches.

3. Runoff shall be diverted from the approach.

4. Geotextile

5. 18" of Revetment Riprap

6. 3" of compacted aggregate no. 53

7. Varies

8. 5:1
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3. Center line and profile reports for all ditches are provided within the Special Provisions of the Contract Documents.
Loose fill shall be placed in the fill areas of the tree planting mix. Loose fill shall consist of a single 4 foot lift and one pass of a low ground pressure dozer unless otherwise approved by the Engineer. No fill shall exceed a single lift and one pass shall be accepted by the Engineer. No fill shall be placed on or near the tree planting areas.

Any cut/fill adjustments shall occur within the designated areas and must not create any grades that exceed 4 to 1 slopes and must maintain positive drainage patterns away from the adjustment areas. All significant adjustments in elevation and grade shall require approval of the Engineer.

Center line and grades reported for all ditches are provided within the Special Provisions of the Contract Documents.