

ACCESS ROAD

DESIGN AND CONSTRUCTION DATA REQUIREMENTS

The following items must be documented in the design folder for Access Roads:

Survey Record

1. Profile of proposed access road.
2. Cross sections at:
 - a. All culvert and cross drain locations
 - b. All other critical areas
3. Appropriate surveys of all other proposed conservation practices.
4. Location and type of outlets for proposed culverts, cross drains, and other conservation practices.

Design Record

1. Individual designs for:
 - a. Culverts
 - b. Cross drains
 - c. Other conservation practices
2. Type and thickness of base and wearing surface materials.
3. Design loads for geotextiles
4. Quantities

Plans and Specs

As a minimum, include:

1. A plan view of the proposed road that shows water features, known utilities, and other features that affect the design.
2. Road width and length with profile and typical cross section(s) including turnouts, parking, and turnarounds.
3. Design road grades or maximum grades when applicable.
4. Soils investigation. Location of soil borings and plot of the soil/geologic boring showing the USCS, as needed

5. Type and thickness of surface treatment including any subbase preparation.
6. Grading plan.
7. Cut and fill slopes where applicable.
8. Planned drainage features.
9. Location, size, type, length and invert elevations of all required water control structures.
10. Vegetative requirements that include vegetation materials to be used, establishment rates, and season of planting.
11. Erosion and sediment control measures, as needed.
12. Safety features.
13. Construction and special specifications
14. Pennsylvania One-Call serial number.

Construction Data Record

1. Profile of Access Road
2. Cross sections:
 - a. At all culvert and cross drain locations
 - b. At all other critical areas
3. Appropriate surveys of all other conservation practices installed.
4. Length of Access Road
5. Length, size, and type of culvert pipes installed
6. Type of vegetation planted and quality of stand
7. Type and quantity of base and wearing surface materials installed
8. Type and quantity of geotextile installed