

SURFACE DRAINAGE, FIELD DITCH DESIGN AND CHECK DATA REQUIREMENTS

The following items must be addressed in the design folder for surface drainage, field ditch.

Survey Record

1. Profile along centerline of ditches.
2. Cross sections as needed.

Design Record

1. Drainage area.
2. Drainage coefficient.
3. Location sketch of job.
4. Ditch grade and dimensions.
5. Quantity computations when needed.
6. Document compliance with Pennsylvania One Call.
7. E&S Control Plan.
8. Identify spoil area.
9. Vegetation Plan.
10. O&M Plan.
11. Identify permit needs, where applicable.

Check Data Record

- 1) Cross sections at critical points of drain (at least one per design reach).
- 2) Grade of completed ditch.
- 3) Disposal of spoil and debris.
- 4) Establishment of vegetation when required by specification.