

## **Design and Construction Check Data**

### **607. SURFACE DRAINAGE, FIELD DITCH**

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.
3. Location sketch of job.

#### **Design Record**

1. Drainage area.
2. Plan of site, including benchmarks.
3. Drainage coefficients and capacities.
4. Ditch grade and dimensions.
5. Wetland determination, if applicable.
6. Quantity computations, when needed.
7. Document compliance with Pennsylvania One-Call.
8. E&S Control Plan.
9. Identify spoil area.
10. Vegetation Plan.
11. O&M Plan.
12. Identify permit needs, where applicable.

#### **Construction 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.