### 3892 Temporary Slope pipe Drain

### 3892.1 SCOPE

Provide material for temporary slope pipe drains to intercept, direct, and convey surface runoff or ground water down an embankment to control erosion.

### 3892.2 REQUIREMENTS

A General

Provide temporary slope drains consisting of the following:

**A.1 Corrugated Polyethylene (PE) Pipe............................................................................................ 3247**

Providenon perforated PE pipe

**A.2 Corrugated Polyethylene (PE) Drainage Tubing ....................................................................... 3278**

**A.3 Thermal Plastic (TP) Pipe…………………………............................................................................ 3245**

**A.4 Corrugated Steel Pipe………………………………........................................................................... 3226**

Provide each slope drain with the same diameter pipe over the entire length of the drain. Size temporary slope drains in accordance with Table 3892‑1.

|  |  |
| --- | --- |
| **Table 3892‑1 Slope Drain Sizing** | |
| **Drainage Area, *acres*** | **Pipe Diameter, *in*** |
| 0–0.5 | 12 |
| > 0.5–1.5 | 18 |
| > 1.5–2.5 | 21 |
| > 2.5–3.5 | 24 |
|  |  |

Place slope drain in conjunction with diversion mounds or dykes.

B Blank

C Joints

Use watertight connecting bands or joint to connect pipe sections.

D Anchors

Anchor the slope drain with stakes in accordance with the following characteristics and requirements:

(1) Nominal 2 in × 2 in cross-section,

(2) At least 3 ft long,

(3) Pointed end

### 3892.3 SAMPLING AND TESTING

The Engineer will visually inspect temporary slope drains.