

## **CHAPTER 7 EROSION CONTROL**

### **7.00 GENERAL INSPECTION**

7.01 EQUIPMENT

7.02 CONTRACT ADMINISTRATION

### **7.10 PERMANENT EROSION CONTROL**

7.11 PREPARATION OF SEEDBED

7.12 PREPARATION OF SEED MIXTURE

- Seed
- Sticking Agent
- Fungicide
- Inoculant
- Urban Seed Mixtures

7.13 CONVENTIONAL SEEDING

7.14 HYDRO-SEEDING (HYDRAULIC SEEDING)

7.15 URBAN SEEDING

7.16 OVERSEEDING

7.17 OVERSEEDING AND FERTILIZING

7.18 AERIAL SEEDING

### **7.20 FERTILIZER**

7.21 EXAMPLE CALCULATIONS

7.22 APPLICATION OF FERTILIZER

### **7.30 MULCH**

7.31 EXAMPLE CALCULATION (English Units only)

### **7.40 WATER POLLUTION CONTROL (SOIL EROSION)**

7.41 CONTRACTOR REQUIREMENTS

## **7.50 SODDING**

- Shape Sodbed
- Apply Fertilizer
- Place Sod
- Finish Sod
- Seed
- Mulch
- Water
- Tamp
- Special Ditch Control

## 7.51 PAYMENT

## **7.60 SPECIAL DITCH CONTROL**

### 7.61 PLACEMENT

- Shape
- Check Slots
- Finish
- Fertilize
- Seed
- Special Ditch Control Material

### 7.62 MAINTENANCE

### 7.63 PAYMENT

## **7.70 SUGGESTED EROSION CONTROL DEVICES FOR SPECIFIC SITUATIONS**

- Types of Soils
- Ditch Grade (% Slope) and Length
- Drainage Ways/Ponds/Lakes/Wetlands, etc.
- Height of the Fills for Bridge Berms
- Height of the Backslope
- Culvert Ends
- End of Ditches
- Letdown Pipes
- Berm Face
- Drop Inlet or Intake
- Bridge Deck Drain
- Borrow Area
- V-Ditch
- Area of Super Elevated Curve