

# Grade Control Structure Design Information Sheet

1. Watershed area \_\_\_\_\_ ha \_\_\_\_\_ ac
2. Average grade of watershed \_\_\_\_\_ %
3. Runoff curve number from Tables 2.2 – 2.4 \_\_\_\_\_
4. Peak flow from watershed for a 10-year storm from Table 2.5-M to 2.11-M (2.5-I to 2.11-I) \_\_\_\_\_ m<sup>3</sup>/s \_\_\_\_\_ ft<sup>3</sup>/s
5. Grassed waterway dimensions (where applicable)  
T = \_\_\_\_\_ m \_\_\_\_\_ ft  
D = \_\_\_\_\_ m \_\_\_\_\_ ft
6. Grade control structure vertical drop \_\_\_\_\_ m \_\_\_\_\_ ft
7. Grade control structure weir design from Table 4.23-M (4.23-I)  
Weir width W \_\_\_\_\_ m \_\_\_\_\_ ft  
Water depth D \_\_\_\_\_ m \_\_\_\_\_ ft  
Weir flow \_\_\_\_\_ m<sup>3</sup>/s \_\_\_\_\_ ft<sup>3</sup>/s