

# Chapter 22

## DRAINAGE, FLOOD CONTROL AND EROSION CONTROL

### Section 1. INTENT & SUPPORT DOCUMENTS

The standards, guidelines and criteria presented herein are provided in order to facilitate the planning, design, construction and operation of both public and private drainage control, flood control and erosion control facilities within the community. The criteria are not intended as a substitute for good engineering judgment; imagination and ingenuity are encouraged. The thrust of these criteria is toward generalization in order to provide guidance for a large majority of design circumstances, but it must be understood that situations will arise in which these criteria are not appropriate. The SSCAFCA Executive Engineer, may, in specific cases, require more stringent criteria or allow relaxation of these criteria based on his judgment and sound engineering practice. The letter and intent of the Board approved Goals, Mission Statement and Vision Statement are listed below included in this document to ensure compliance with the Board's direction and to add value to this document.

#### A. Goals, Mission Statement and Vision Statement

##### 1. *SSCAFCA's Original Goals and Commitments*

- To provide flood protection up to the 100 year storm for the public health, safety and welfare of residents and properties within our boundaries.
- To recognize the value of land purchased or controlled for floodways as areas with multi-use potential.
- To assist in the coordination of flood control with other entities for the common good of the public.

##### 2. *Mission Statement*

**Protect** citizens and property by implementing proven flood control solutions that:

- **Manage** our watersheds prudently for future generations
- **Enhance** the quality of life
- **Create** the most appealing multi-use facilities
- **Set an Example** of quality, integrity, leadership and professionalism
- **Educate** the public concerning flood hazards
- **Administer** public funds prudently

### 3. *Vision Statement*

Flood control – for a safer tomorrow.

## **B. Summary of Documents Relating to Drainage, Flood Control and Erosion Control**

### *1. City of Rio Rancho Ordinances and Policies*

- a. Flood Hazard Prevention Ordinance (Chapter 152)
- b. Erosion Control; Storm Drainage (Chapter 153)
- c. Planning and Zoning (Chapter 154)
- d. Subdivision Ordinance (Chapter 155)

### *2. SSCAFCA Regulations and Policies*

- a. Greenbelt Concept Resolution 1992-8
- b. Drainage Policy Resolution 1994-08
- c. Drainage Policy Resolution 2001-6  
(Drainage Design Criteria for Roadway Projects)
- d. Guidelines for Allowable Velocities in Piping Systems approved  
June 14, 2001
- e. Drainage Policy Amendment 2004-1
- f. Drainage Policy Amendment 2004-2
- g. Drainage Policy Adopted June 20, 2008
- h. Sediment and Erosion Design Guide November 2008
- i. Sediment and Erosion Design Guide Power Point Presentation