

**INSTRUCTIONS FOR USE OF CONSTRUCTION SPECIFICATION**  
**IRRIGATION WATER MANAGEMENT, CODE 449**

1. Applicability

This specification covers the development of an irrigation water management (IWM) plan to irrigate efficiently and effectively.

2. Items to be included in the "ITEMS OF WORK AND CONSTRUCTION DETAILS" or on the Construction Drawings.

- a. Aerial map of irrigated area.
- b. Crop type and acres.
- c. Crop rotation.
- d. Crop water requirements.
- e. Soil series and available water holding capacity.
- f. Description of water source.
- g. Water quality analysis, if applicable.
- h. Irrigation schedule.
- i. Recommendations for irrigation system management.
- j. Method to measure soil moisture.
- k. Method to determine when and how much water to apply.
- l. Method to determine if irrigation system is operating correctly.
- m. Method to determine if erosion or excess water is applied.