

# INSTRUCTIONS FOR USE OF WASHINGTON CONSTRUCTION SPECIFICATION (CS-43)

## CONCRETE CANAL LINING

### 1. Applicability

Construction Specification CS-43 is applicable to non-reinforced slip-formed concrete lining for irrigation and drainage ditches, laterals or canals.

### 2. Material Specifications

The NRCS material specification complementary to Washington State Construction Specification CS-43 are: CS-14, Earth Fill, Class A, Controlled Compaction or CS-15, Earth Fill, Class S, Performance Compaction and Material Specification MS-201, Concrete Aggregates, MS-202, Portland Cement, and MS-203, Concrete.

### 3. Special Items to be Included on the Drawings

- a. Engineering drawings with details and cross-section drawings that are sufficient for describing the work.
- b. Compaction of subgrade.
- c. Type and 28-day strength of concrete.
- d. Type, size, and quality of joint filler, waterstops, and shear plates, if applicable
- e. Source, size and gradation of course aggregate.
- f. Type and quantity of admixture, if applicable.
- g. Spacing and dimensions of control joints.
- h. Specify method of measurement and payment, if applicable.