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CONSTRUCTION SPECIFICATION  
INSTRUCTION FOR USE  
CS-I-OR-222 CONCRETE CANAL LINING

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222.1 APPLICABILITY

Construction Specification CS-OR-222 is applicable to non-reinforced slip-formed concrete lining for irrigation and drainage ditches, laterals or canals.

222.2 MATERIAL SPECIFICATIONS

The following material specifications complement Construction Specification CS-OR-222:

- a) MS-OR-522---Aggregates for Portland Cement Concrete
- b) MS-OR-531---Portland Cement
- c) MS-OR-301---Concrete.

The following construction specifications complement Construction Specification CS-OR-222:

- a) CS-OR-205---Earthfill, Class A or
- b) CS-OR-206---Earthfill, Class S

222.3 ITEMS TO BE INCLUDED IN THE SPECIFICATIONS AND ON THE DRAWINGS

- a) Details and cross-sections that are sufficient for describing the work are to be shown on the drawings.
- b) Specify compaction of subgrade.
- c) Specify type and 28-day strength of concrete and show on the drawings.
- d) Specify type, size, and quality of joint filler, waterstops, and shear and show on the drawings, if applicable.
- e) Specify source, size and gradation of coarse aggregate and show on the drawings.
- f) Type and quantity of admixture should be specified and shown on the drawings, if applicable.
- g) Spacing and dimensions of control joints should be specified and shown on the drawings.

222.4 ITEMS OF WORK AND CONSTRUCTION DETAILS

Starting at the top of page 222–4, prepare and outline job specific "Items of Work and Construction Details" (IWCD) in accordance with these instructions.