
CONSTRUCTION SPECIFICATION
INSTRUCTION FOR USE
CS-I-OR-204 EXCAVATION & BACKFILL OF TRENCHES FOR CONDUITS AND PIPELINES

204.1 APPLICABILITY

Construction Specification CS-OR-204 is applicable for the excavation and backfill of trenches for conduits and pipelines.

204.2 MATERIAL SPECIFICATIONS

The following material specifications compliment Construction Specification CS-OR-204:

- a) MS-OR-542---Concrete Culvert Pipe
- b) MS-OR-551---Corrugated Metal Pipe
- c) MS-OR-547---Plastic Pipe
- d) MS-OR-554---Steel Pipe
- e) MS-OR-305---Corrugated Plastic Tile
- f) MS-OR-592---Geotextile
- g) MS-OR-521---Aggregates for Drainfill and Filters
- h) MS-OR-302---Bedding
- i) MS-OR-548---Corrugated Polyethylene Tubing.

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

- a) Required cross-section locations and grades are to be shown on the drawings.
- b) Specify conduit or pipeline material which includes dimensions, grade, strength and/or class and show on the drawings.
- c) Specify bedding and select backfill requirements and show on the drawings.
- d) Depth, width, side slopes and cover for the trench should be specified and shown on the drawings.
- e) Bracing, sheeting or other support installations should be shown on the drawings, if applicable.

- f) Specify backfill provisions.
- g) The approximate location and limits of utility right-of-way or easements should be shown on the drawings, if applicable.
- h) Specify special requirements for control of erosion, sedimentation water pollution and air pollution.

204.4 ITEMS OF WORK AND CONSTRUCTION DETAILS

Starting at the top of page 204–2, prepare and outline job specific "Items of Work and Construction Details" (IWCD) in accordance with these instructions.