
CONSTRUCTION SPECIFICATION
INSTRUCTION FOR USE
CS-I-OR-092 FIELD FENCE

092.1 APPLICABILITY

Construction Specification CS-OR-092 is applicable to the installation of field fence of the barbed wire, woven wire, or wire netting types.

092.2 MATERIAL SPECIFICATIONS

The following material specification complements Construction Specification CS-OR-092.

- a) MS-OR-591---Field Fencing Materials

092.3 INCLUDED ITEMS

Items to be included in contract specifications and drawings follow:

- a) Plan showing the location and extent of fences including location of gates, corners, braces, and end points.
- b) Dimensions of the fence including post spacing, clearance from ground and height of fence.
- c) Details of concrete or other specialty post, if required.
- d) Details of posts and assemblies.
 - 1. Type and kind of posts as defined and referenced in Material Specification MS-OR-591, Field Fencing Materials.
 - 2. Line post detail showing height of post, depth of embedment.
 - 3. Details of end panel assembly, pull post assembly, brace panel assembly, and corner assembly including types of posts, types of backfill, types and dimensions of braces, gauges of tension wires and details of fastening of tension wires to post.
 - 4. Special anchor requirements for posts at crossings over depressions or waterways.
 - 5. Where fencing is to be placed on a curved alignment, special consideration should be given to providing adequate vertical stability for prevention of

pullover. Consideration should include spacing of end panels, post spacing, type of posts, and post depth.

- e) Details of gates listed in this section may often be shown on a standard drawing developed for use for fencing projects within an agency administrative area.
- f) Type and kind of fencing as defined in Section 092.10 Items of Work and Construction Details.
 - 1. For barbed wire fencing, specify the type, gauge of wire, gauge and spacing of barbs, and the number of points per barb.
 - 2. For woven wire fencing, specify the type, style, design number, and tensile strength grade.
 - 3. For wire netting, specify the type, style, height of netting, size of mesh and gauge of wire, or design number and coating class.
 - 4. For high tensile strength wire fencing material, specify the strength grade classification.
- g) Species of wood posts.
- h) Preservative treatment of wood posts and braces, as applicable.
- i) Protective coating (painted or zinc-coated) for steel posts and braces.

092.4 ITEMS OF WORK AND CONSTRUCTION DETAILS

Starting at the top of page 092-4, prepare and outline job specific "Items of Work and Construction Details" (IWCD) in accordance with these instructions.