

**SECTION 705 FENCES**

| MATERIAL                   |  | REFERENCE                           | PURP.                           | SAMPLED BY           | MIN. FREQ.             | MIN. QUANT.                | CERT.   | SMALL QUANTITY       | TYPICAL HANDLING TIME | REMARKS  |       |
|----------------------------|--|-------------------------------------|---------------------------------|----------------------|------------------------|----------------------------|---------|----------------------|-----------------------|--|-------|
|                            |  | TESTED BY                           |                                 | METHOD               |                        | CONTAINER                  | DISTR.  |                      |                       |  |       |
| CHAIN LINK FENCE AND GATES | Fabric (Wire)  | 705.02<br>1010.07<br>Mat. Lab       | Accept.                         | Proj. Engr.<br>S 501 | 1/lot or shipment      | 36 in. length              | -----   | 1000 lin ft of fence | 11 days               | -----  |       |
|                            | Fittings and Misc. Hardware                            | 705.02<br>1010.07<br>Mat. Lab       | Accept.                         | Proj. Engr.<br>S 501 | 1/type/size*           | 1 of each item**           | -----   | -----                | 11 days               | *Visual inspection by Proj. Engr. Sample only if questionable.<br>**One piece of each type of fitting or hardware used is to be submitted. |       |
|                            | Gate Frames, Posts, Rails                              | 705.02<br>1010.07<br>Mat. Lab       | Accept.                         | Proj. Engr.<br>S 501 | 1/type/lot or shipment | 1 post or 7 ft section     | -----   | 1000 lin ft of fence | 11 days               | -----  |       |
|                            | Hog Rings, Tension Wire, Wire Fabric Ties, & Wire Ties | 705.02<br>1010.07<br>Mat. Lab       | Accept.                         | Proj. Engr.<br>S 501 | 1/type/lot or shipment | 48 in. length or 3 pieces* | -----   | 1000 lin ft of fence | 11 days               | *Wire ties, wire fabric ties and hog rings require only 3 precut pieces for samples.   |       |
| CONCRETE (Class R)         | Mix Designs, Materials & Tests                         | 705.02                              | SEE SECTION 901 OF THIS MANUAL. |                      |                        |                            |         | -----                | 10 yd <sup>3</sup>    | -----  | ----- |
| FIELD & LINE TYPE FENCE    | Barbed Wire  | 705.02<br>1010.01<br>Mat. Lab       | Accept.                         | Proj. Engr.<br>S 501 | 1/lot or shipment      | 30 ft length               | -----   | 1000 lin ft of fence | 11 days               | -----  |       |
|                            | Gates  | 705.02<br>1010.06(a)<br>Proj. Engr. | Accept.                         | -----                | -----                  | -----                      | CC<br>1 | -----                | -----                 | Visual inspection and dimensional check by Proj. Engr.   |       |
|                            | Gate Hardware  | 705.02<br>1010.06(c)<br>Mat. Lab    | Accept.                         | Proj. Engr.<br>S 501 | 1/type*                | 1 of each item             | -----   | 1000 lin ft of fence | 11 days               | *One piece of each type of hardware used is to be submitted.   |       |

I-72  
5/99

## SECTION 705 FENCES (Cont'd)

| MATERIAL                         |                                | REFERENCE   | PURP.   | SAMPLED BY           | MIN. FREQ.                | MIN. QUANT.          | CERT.       | SMALL QUANTITY          | TYPICAL HANDLING TIME | REMARKS                             |
|----------------------------------|--------------------------------|---|---------|----------------------|---------------------------|----------------------|-------------|-------------------------|-----------------------|-------------------------------------|
|                                  |                                | TESTED BY   |         | METHOD               |                           | CONTAINER            | DISTR.      |                         |                       |                                     |
| FIELD & LINE TYPE FENCE (Cont'd) | Metal Fasteners                | 705.02<br>1010.05<br>Mat. Lab                             | Accept. | Proj. Engr.<br>S 501 | 1/type/<br>shipment       | 12 fasteners         | -----       | 1000 lin ft<br>of fence | 10 days               | -----                               |
|                                  | Staples                        | 705.02<br>1010.04<br>Mat. Lab                             | Accept. | Proj. Engr.<br>S 501 | 1/size/<br>shipment       | 12 staples           | -----       | 1000 lin ft<br>of fence | 10 days               | -----                               |
|                                  | Steel Braces                   | 705.02<br>1010.03(b)<br>Mat. Lab                          | Accept. | Proj. Engr.<br>S 501 | 1/type/lot or<br>shipment | 1 brace              | -----       | 1000 lin ft<br>of fence | 10 days               | -----                               |
|                                  | Steel Gate Posts               | 705.02<br>1010.06(b)(2)<br>Mat. Lab                       | Accept. | Proj. Engr.<br>S 501 | 1/type/lot or<br>shipment | 1 post               | -----       | 1000 lin ft<br>of fence | 11 days               | -----                               |
|                                  | Steel Gate Stops               | 705.02<br>1010.06(d)(2)<br>Mat. Lab                       | Accept. | Proj. Engr.<br>S 501 | 1/type/lot or<br>shipment | 1 stop               | -----       | 1000 lin ft<br>of fence | 10 days               | -----                               |
|                                  | Steel Posts with Anchor Plates | 705.02<br>1010.03(b)<br>Mat. Lab                          | Accept. | Proj. Engr.<br>S 501 | 1/type/lot or<br>shipment | 1 post with<br>plate | -----       | 1000 lin ft<br>of fence | 11 days               | -----                               |
|                                  | Wood Braces                    | 705.02<br>1010.03(a)<br>Mat. Lab/<br>Const. Fab.<br>Insp. | Accept. | -----                | -----                     | -----                | CC<br>1 & 6 | -----                   | -----                 | Visual inspection by Proj.<br>Engr. |
|                                  | Woven Wire                     | 705.02<br>1010.02<br>Mat. Lab                             | Accept. | Proj. Engr.<br>S 501 | 1/lot or<br>shipment      | 36 in. length        | -----       | 1000 lin ft<br>of fence | 11 days               | -----                               |
|                                  |                                |   |         |                      |                           |                      |             |                         |                       |                                     |

## SECTION 705 FENCES (Cont'd)

| MATERIAL                         |                          | REFERENCE   | PURP.   | SAMPLED BY           | MIN. FREQ. | MIN. QUANT.                            | CERT.       | SMALL QUANTITY | TYPICAL HANDLING TIME | REMARKS  |
|----------------------------------|--------------------------|---|---------|----------------------|------------|--|-------------|----------------|-----------------------|--|
|                                  |                          | TESTED BY   |         | METHOD               |            | CONTAINER                              | DISTR.      |                |                       |  |
| FIELD & LINE TYPE FENCE (Cont'd) | Wood Gate Posts          | 705.02<br>1010.06(b)(1)<br>Mat. Lab/<br>Const. Fab. Insp. | Accept. | -----                | -----      | -----                                  | CC<br>1 & 6 | -----          | -----                 | Visual inspection by Proj. Engr.   |
|                                  | Wood Gate Stops          | 705.02<br>1010.06(d)(1)<br>Mat. Lab/<br>Const. Fab. Insp. | Accept. | -----                | -----      | -----                                  | CC<br>1 & 6 | -----          | -----                 | Visual inspection by Proj. Engr.   |
|                                  | Wood Posts               | 705.02<br>1010.03(a)<br>Mat. Lab/<br>Const. Fab. Insp.    | Accept. | -----                | -----      | -----                                  | CC<br>1 & 6 | -----          | -----                 | Visual inspection by Proj. Engr.   |
|                                  | Wood Stop Posts          | 705.02<br>1010.06(e)<br>Mat. Lab/<br>Const. Fab. Insp.    | Accept. | -----                | -----      | -----                                  | CC<br>1 & 6 | -----          | -----                 | Visual inspection by Proj. Engr.   |
| GALVANIZING REPAIR COMPOUND      |                          | 705.06(d)<br>Proj. Engr.                                  | Accept. | -----                | -----      | -----                                  | -----       | -----          | -----                 | (QPL 23)<br>Visual inspection by Proj. Engr.<br>See Subsection of the Standard Specifications. |
| GROUND ROD ASSEMBLY              | Ground Rod, Wire & Clamp | 705.02<br>1018.05<br>Mat. Lab                             | Accept. | Proj. Engr.<br>S 501 | 1/item*    | 1 of each item Wire -<br>18 in. length | -----       | -----          | 9 days                | *Visual inspection by Proj. Engr.<br>(Note: Coated steel hardware is not permitted.)           |
|                                  |                          |   |         |                      |            |  |             |                |                       |  |