1. This fence to be provided generally in rural areas. For supplemental information see Section 550 of the FDOT Specifications.

2. Fabric shall be woven wire, either galvanized steel, meeting the requirements of ASTM A116, No. 9 Farm, Design number 1047-6-0, with Class 3 zinc coating or aluminum coated steel, meeting the requirements of ASTM A584, No. 9 Farm, Design number 1047-6-0, with a minimum coating weight of 0.45 oz./sq. ft. For additional information see payment note below.

3. Fence shall be installed with wire side to private property except on horizontal curves greater than 3° the fence shall be installed so as to pull against the posts.

4. Posts may be either timber, steel, recycled plastic or concrete. Unless a specific post material is called for in the plans, the Contractor may elect to use either a single material or a combination of timber, steel, recycled plastic or concrete materials. Line posts of one material may be used with corner, pull and end posts of a different material. Line posts of only one optional material and post assembles of only one optional material will be permitted.

5. Timber posts shall meet the material requirements of Specification Section 954. Timber line posts are to be a minimum 4" diameter. Timber corner, pull and end posts are to be a minimum 5" diameter. (A) Staples for line posts to be 1/4" minimum length; for approach and pull posts 1/2" minimum length. At approach, corner and pull posts, staple every line wire. At line posts, staple every line wire in top half and alternate the wires in bottom half. Staples shall be driven diagonally across the line wire with the points in separate grains.

6. Braces are to be minimum 4" diameter. Braces are to be minimum 4" diameter. (C) Pull posts where the wire is not spliced and pulled through the assembly; see General Note 18.

7. Recycled plastic posts shall meet the following material requirements: Line posts shall have a minimum section of 4" round or 4" square. Plastic posts shall not be used as corner, pull, end or approach posts unless such use is specifically detailed in the plans. The tightness of the posts shall comply with 954-5 for timber post. The lateral strength shall meet the requirements of the latest edition of the Southern Pine Inspection Bureau's Standard Grading Rules for Southern Pine Lumber for No. 250 Stress Rated Grade Timber. Plastic posts can be set by either digging and backfilling or driving into full-depth prepared holes 4" to 5" smaller than cross section of post. Staples for fabric and barbed wire connection to plastic line posts shall be the same size, count and location as that for timber posts.

8. The Contractor, at his option, may use any suitable precast or prestressed concrete post; however, approval by the Engineer is required prior to construction of the fence. Precast posts shall be Class I concrete. Prestressed posts shall be Class III concrete. Lengths of concrete post to be as indicated for timber posts.

9. Aluminum post, braces and accessory framing hardware shall not be used until the plans specifically detail their application or the Engineer specifically approves their incorporation in fence construction or repair. Aluminum framed gates are permitted as described in General Note 19.

10. The woven wire shall be attached to steel and concrete posts by a minimum of five tie wires. The single wire ties shall be applied to the top, bottom and three intermittent line wires. The ends of each tie wire shall be a minimum of two tight turns around the wire. Tie wire shall be not less than 0.120" diameter, zinc coating Class 3, soft temper, in accordance with ASTM A647.

11. Steel Barbed Wire can be either of the following types:
   Type I: This type shall conform to the requirements of ASTM A121, with two strands of 12/5 gauge wire four-point barbs; wire size 14 gauge, twisted around both line wires and Class III coating.
   Type II: This type of wire shall be a minimum of 0.100" wire with 0.080" diameter four point barbs spaced at approximately 65°, and at a maximum spacing of 6". The wire for the strands and for the barbs of steel shall be ASTM A993, Alloy 10052 or H58 or equal.

12. The woven wire shall be stretched only until half the tension curtail has been pulled out of the line wires.

13. Posts to be set by driving or digging. If by digging, the posts shall be set at the center of the hole and the soil tamped securely on all sides.

14. Longer posts than those indicated above may be required by the plans or for deeper installations.

15. Concrete bases for angular steel posts (pull, corner, end and approach) shall be Class NS as specified in Section 347. Materials for Class NS concrete may be proportioned by volume and/or by weight.

16. Pull post assemblies shall be installed at approximately 330° centers except that this maximum intercenter may be reduced by the Engineer on curves where the radius is less than 500'.

17. Corner post assemblies are to be installed at horizontal and vertical breaks in fence of 15° or more.

18. A maximum length of 1320' of wire may be installed as a unit. For pulls through a pullpost assembly the fabric shall be clipped by crimping sleeves only. Pulls through a corner post assembly will be permitted.

19. Unless otherwise called for in the plans gates shall be commercially available metal swing gates assembled and installed in accordance with the manufacturer's specifications as approved by the Engineer. Chain link swing gates in accordance with Index No. 602 may be substituted for metal swing gates as approved by the Engineer. Gate size is full opening within whether single leaf or double leaves. Payment for gates shall include the gate, single or double, all necessary hardware for installation and any additional length and/or for sizes of posts at the opening. Gates shall be paid for under the contract unit price for Fence Gates, EA.

20. For construction purposes, assemblies are defined as follows: End post assemblies shall consist of: one end post, one post, four diagonal tension wires and necessary fittings and hardware. Pulppost assemblies shall consist of: one pullpost, two braces, four diagonal tension wires and necessary fittings and hardware. Corner post assemblies shall consist of: one corner post, two approach posts, four braces, eight diagonal tension wires and all necessary fittings and hardware.

21. All post, braces, tension wires, fabric, tie wires, Class NS concrete, and all miscellaneous fittings and hardware to be included in the cost for Fencing, LF. Fencing shall include the lengths of pull, end and corner post assemblies, but exclusive of gate widths.