Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

September 8, 2026

Daniel Holt, PE, PTOE
Director, Project Delivery
Director, Technical Services
FHWA
400 West Washington Street, Suite 4200
Orlando, FL 32801

Re: State Specifications Office
Section: 550
Proposed Specification: **5500200 Fencing**
Associated Specification: **9621003 Structural Steel and Miscellaneous Metal Items (Other than Aluminum)**

Dear Mr. Holt:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Richard Stepp to allow the proprietary fencing type to receive Specifications and APL requirements to expedite District design processes, including pre-approved BABA options on the APL.

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email daniel.strickland@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Signature on File

Daniel Strickland, P.E.
State Specifications Engineer

DS/am
Attachment
cc: Florida Transportation Builders' Assoc.
State Construction Engineer

FENCING
(REV 6-30-26)

ARTICLE 550-2 is deleted and the following substituted:

550-2 Types of Fence.

The types of fence are designated as follows:

Type A (Farm Fence).
Type A (Wildlife Fence).
Type B (Chain-Link Fence).
Type R (Chain-Link Fence for Pedestrian Overpass).
Type M (Anti-Climbing Fence)

ARTICLE 550-3 is deleted and the following substituted:

550-3 Materials.

550-30.1 General.

Meet the following requirements:

Portland Cement Concrete – Class NS	Section 347
Ground Rods*	Section 620
Chain Link Fence Fabric*	962-13
Farm Fence Fabric*	962-13
Wildlife Fence Fabric*	962-13
Steel Barbed Wire*, Types I, IIA, IIB	962-13
Aluminum Barbed Wire*	965-4
Timber Fence Posts and Braces	Section 954
Steel Tie Wire and Tension Wire	962-13
Aluminum Tie Wire and Tension Wire*(Type B only)	965-4
Steel Posts and Braces*	962-17
Recycled Plastic Posts and Braces*	550-3
Precast or Prestressed Concrete Posts*	550-3

*Use products on the Department's Approved Product List (APL).
~~**Additional requirements below.~~

550-3.2 Type B Fence (Chain-Link): Use concrete as specified in Section 347, or a premix approved by the Engineer for bases. The requirements contained in 347-2.2, and 347-3 will not apply.

550-3.3 Type R Fence (Chain-Link for Pedestrian Overpass): Use the fabric and accessories specified in the Plans.

550-3.4 Type M (Anti-Climbing Fence): Use only proprietary fence systems listed on the APL per Section 962. Within this Section, only 550-1, 550-2, 550-4.1, 550-4.3, 550-4.4.2, 550-4.7, 550-5.1, 550-5.2, 550-6.1, 550-6.3 and 550-6.4 apply for fence Type M. Where designs call for concrete foundations, follow applicable requirements of Sections 346 and 347.

550-3.45 Resetting Fence: Use material from the existing fence. For any additional materials required, provide the same type of material as in the existing fence and as specified herein, including gates when applicable.

550-3.56 Optional Use of Materials: For Type A (Farm Fence), a combination of steel, aluminum, timber, recycled plastic or concrete posts may be used. Line posts of one material may be used with corner, pull and end post assemblies of a different material. Line posts of only one optional material and pull posts assemblies of only one optional material between corner and end post assemblies is permitted. Within individual corner and end post assemblies, use only one optional material.

Recycled plastic line posts shall have a minimum section of a 4 inch-diameter round or 4 inches square. Do not use recycled plastic posts as corner, pull, end, or approach posts unless specified in the Plans. The straightness of the posts must comply with Section 954 for timber posts. The flexural 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. 2SR Stress Rated Grade Timber. Set plastic posts by either digging and tamped backfill or by driving into the full depth preformed holes 1/4 inch to 1/2 inch smaller than the cross section of the post.

Use any suitable precast or prestressed concrete posts with Engineer approval. Use Class II concrete for precast posts. Use Class III concrete for prestressed posts. Lengths of concrete post to be as indicated for timber posts.

For Type B Fence, a combination of zinc-coated steel fence members, aluminum coated fence members and aluminum alloy fence members may be used. Use only one type of fabric material, one type of line post material and one type of pull assembly material between corner and end post assemblies.

SUBARTICLE 550-4.1 is deleted and the following substituted:

550-4.1 General: Install the fence in accordance with the ~~specific requirements of this Article and with~~ locations and requirements shown in the Plans. For Type A, B, and R fences, follow the details shown ~~on~~in the Standard Plans. ~~for the particular type of fence called for, except for Type R Fence which shall be detailed in the Plans. Construct the fence at locations shown in the Plans.~~ For Type M fences, submit shop drawings in accordance with Section 5 if construction details are not fully shown in the Plans. Assume responsibility for obtaining satisfactory permits or permission from property owners for any encroachments required to perform the work, and for proper scheduling of the fence installation with the removal of existing fence where it is necessary to provide continuous security to adjacent areas already fenced. In order to meet this requirement, where necessary for maintaining security of livestock on adjacent property during construction of the new fence, the Engineer may require the erection and subsequent removal of temporary fencing.

For Type A (Farm Fence), attach woven wire to steel and concrete posts by a minimum of five tie wires. Apply the single wire ties to the top, bottom, and three intermittent line wires. The ends of each tie wire shall have a minimum of two tight turns around the line wire.

SUBARTICLE 550-4.5 is deleted and the following substituted:

550-4.5 Setting Posts: If rock occurs within the required depth of the post hole, or pavement which is to remain in place exists at the location of a post, drill a hole of a diameter slightly larger than the greatest dimension of the post or footing and grout in the post or footing. Set timber posts either by digging and tamping backfill or by driving. ~~Set recycled plastic fence posts in accordance with the Standard Plans~~Set plastic posts by digging and tamping backfill, or drive posts into the full-depth preformed holes that are 1/4 inch to 1/2 inch smaller than the cross section of the post.

FENCING
(REV 6-30-26)

ARTICLE 550-2 is deleted and the following substituted:

550-2 Types of Fence.

The types of fence are designated as follows:

Type A (Farm Fence).
Type A (Wildlife Fence).
` Type B (Chain-Link Fence).
Type R (Chain-Link Fence for Pedestrian Overpass).
Type M (Anti-Climbing Fence)

ARTICLE 550-3 is deleted and the following substituted:

550-3 Materials.

550-3.1 General.

Meet the following requirements:

Portland Cement Concrete – Class NS	Section 347
Ground Rods*	Section 620
Chain Link Fence Fabric*	962-13
Farm Fence Fabric*	962-13
Wildlife Fence Fabric*	962-13
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Aluminum Barbed Wire*	965-4
Timber Fence Posts and Braces	Section 954
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Recycled Plastic Posts and Braces*	550-3
Precast or Prestressed Concrete Posts*	550-3

*Use products on the Department's Approved Product List (APL).

550-3.2 Type B Fence (Chain-Link): Use concrete as specified in Section 347, or a premix approved by the Engineer for bases. The requirements contained in 347-2.2, and 347-3 will not apply.

550-3.3 Type R Fence (Chain-Link for Pedestrian Overpass): Use the fabric and accessories specified in the Plans.

550-3.4 Type M (Anti-Climbing Fence): Use only proprietary fence systems listed on the APL per Section 962. Within this Section, only 550-1, 550-2, 550-4.1, 550-4.3, 550-4.4.2, 550-4.7, 550-5.1, 550-5.2, 550-6.1, 550-6.3 and 550-6.4 apply for fence Type M. Where designs call for concrete foundations, follow applicable requirements of Sections 346 and 347.

550-3.5 Resetting Fence: Use material from the existing fence. For any additional materials required, provide the same type of material as in the existing fence and as specified herein, including gates when applicable.

550-3.6 Optional Use of Materials: For Type A (Farm Fence), a combination of steel, aluminum, timber, recycled plastic or concrete posts may be used. Line posts of one material may be used with corner, pull and end post assemblies of a different material. Line posts of only one optional material and pull posts assemblies of only one optional material between corner and end post assemblies is permitted. Within individual corner and end post assemblies, use only one optional material.

Recycled plastic line posts shall have a minimum section of a 4 inch-diameter round or 4 inches square. Do not use recycled plastic posts as corner, pull, end, or approach posts unless specified in the Plans. The straightness of the posts must comply with Section 954 for timber posts. The flexural 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. 2SR Stress Rated Grade Timber. Set plastic posts by either digging and tamped backfill or by driving into the full depth preformed holes 1/4 inch to 1/2 inch smaller than the cross section of the post.

Use any suitable precast or prestressed concrete posts with Engineer approval. Use Class II concrete for precast posts. Use Class III concrete for prestressed posts. Lengths of concrete post to be as indicated for timber posts.

For Type B Fence, a combination of zinc-coated steel fence members, aluminum coated fence members and aluminum alloy fence members may be used. Use only one type of fabric material, one type of line post material and one type of pull assembly material between corner and end post assemblies.

SUBARTICLE 550-4.1 is deleted and the following substituted:

550-4.1 General: Install the fence in accordance with the locations and requirements shown in the Plans. For Type A, B, and R fences, follow the details shown in the Standard Plans. For Type M fences, submit shop drawings in accordance with Section 5 if construction details are not fully shown in the Plans. Assume responsibility for obtaining satisfactory permits or permission from property owners for any encroachments required to perform the work, and for proper scheduling of the fence installation with the removal of existing fence where it is necessary to provide continuous security to adjacent areas already fenced. In order to meet this requirement, where necessary for maintaining security of livestock on adjacent property during construction of the new fence, the Engineer may require the erection and subsequent removal of temporary fencing.

For Type A (Farm Fence), attach woven wire to steel and concrete posts by a minimum of five tie wires. Apply the single wire ties to the top, bottom, and three intermittent line wires. The ends of each tie wire shall have a minimum of two tight turns around the line wire.

SUBARTICLE 550-4.5 is deleted and the following substituted:

550-4.5 Setting Posts: If rock occurs within the required depth of the post hole, or pavement which is to remain in place exists at the location of a post, drill a hole of a diameter slightly larger than the greatest dimension of the post or footing and grout in the post or footing. Set timber posts either by digging and tamping backfill or by driving. Set plastic posts by digging and tamping backfill, or drive posts into the full-depth preformed holes that are 1/4 inch to 1/2 inch smaller than the cross section of the post.