

I. This fence to be used generally in urban greas.

of Table 2. ASTM FID43.

of Table 2. ASTM FI043.

ASTM FI043.

- For supplemental information refer to Sections 550 of FDOT Standard Specifications.
- 3. Chain link fabric, posts, rails, truss rods, tension wires, tie wires, stretcher bars, gates and all miscellaneous fillings and hardware shall meet the requirements of AASHTO WIBL unless otherwise specified by this index. Stipulated AASHTO and ASTM signify current reference.

4. Fence Component Options: A. Line post options:

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- (1) Golvanized steel pipe, Schedule 40 · Is* nominal dia, zinc galvanized at the rate of 1.8 oz/sf: ASTW ASS Table X 2, ASTW F1083, and AASHTO Will. (2) Alwanizam coated steel pipe; ASTW ASS, X 2 Tables Schedule 40; Is* nominal dia, 1.90° 0,D.;
 - coated at the rate 0.40 oz/sf: AASHTO MIII
- (3) Aluminum alloy pipe · 2" nominal dia.: ASTM B24I or B22I. Allov 6063. T6.
- (6) Steel C Ig*, Ig*, Galv., I.8 oz/sf zinc: AASHTO MIII, or, 0.9 oz/sf zinc- 5% aluminum-mischmetal: ASTM FI043 and Detail.
- (7) Resistance welded steel pipe; 50,000 psi min. yield strength ASTM A569/A569M, A653/A653M
- resistance we use in pre-page 18 and B, C or D and external coating Types A, B, or C; the chromate conversion coating of external Type B shall have a thickness of 15 $\mu g/\ln^2$ min, and the polymer film topcoat shall have a thickness of 0.0003" min.; internal and external coatings are not restricted to the combinations
- B. Corner, end, and pull post options:
 - (1) Galvanized steel pipe, Schedule 40 2" nominal dia. zinc galvanized at the rate of 1.8 oz/sf: ASTW A53 Table X 2, ASTM F1083, and AASHTO Will.
 - (2) Aluminum coaled steel pipe: ASTM A53 steel, X 2 Tables Schedule 40: 2" nominal dia. 2.375" O.D.; coated at the rate 0.40 oz/sf: AASHTO MIII.
 - (3) Aluminum allov pipe · 24" nominal dia.: ASTM B24I or B22I, Allov 6063, T6, (4) Resistance welded steel pipe; 50,000 psi min. yield strength ASTM A569/A569M, A653/A653M
 - or undepleted stock of discontinued A446/A446M base materials; ASTM F669 Group IV (Alternative Design); fence industry 2§ 0.D., 2" NPS, 2.375" dec. equiv., 0.130" min. wall thick, and min. wt. 3.17 lb/ff; with ASTM FIO43 metric equivalent internal coating Types A, B, C or D and external coating Types A, B, or C; the chromate conversion coating of external Type B shall have a thickness of 15 µa/lo² min, and the polymer film topcoat shall have a thickness of 0.0003" min.: internal and external coatings are not restricted to the combinations
- - Galvanized steel pipe, Schedule 40- 14" nominal dia, zinc galvanized at the rate of 1.8 oz/sf: ASTM A53 Table X 2, ASTM F1083, and AASHTO Mill. Aluminum coated steel pipe: ASTM A53 steel, X 2 Tables Schedule 40: 12" nominal dia..
 - 1.660" O.D.; coated at the rate O.40 oz/sf: AASHTO MIII. (3) Aluminum alloy pipe: 14" nominal dia.: ASTM B24I or B22I, Alloy 6063, T6.
 - (4) Resistance welded steel pipe; 50,000 psi min, vield strength ASTM A569/A569M, A653/A653M or undepleted stock of discontinued A446/A446M base materials; ASTM F669 Group IV (Alternative Design), fence industry i§" 0.D., i4" NPS, 1660" dec. equiv., 0.III" min. wall thick. and min. wt. 1.836 ib/f1; with ASTM Fi043 metric equivalent internal coating Types A, B, C or D and external coating Types A. B. or C; the chromate conversion coating of external Type B shall have a thickness of 15 µg/in2 min. and the polymer film topcoat shall have a thickness of 0.0003" min.; internal and external coatings are not restricted to the combinations of Table 2.

- D. Chain link fabric aptions (2" mesh with twisted and barbed selvage top and bottom for all aptions except as described in Note No. IO I: (1) AASHTO MIBI Type I - Zinc Coated Steel, No. 9 gage (coated wire diameter), coated at the
 - rate of LB oz/sf (MIBI Class D 2.0 oz/sf modified to LB oz/sf). (2) AASHTO MIBI Type II - Aluminum Coated Steel, No. 9 gage (coated wire diameter), coated
 - (3) AASHTO MIBI Type TV Polyvinyl Chloride (PVC) Coated Steel, No. 9 gaze (coated core wire diameter), core wire-zinc coated steel. PVC coating: MI8I Class A (either extruded or extruded and bonded) or Class B (bonded). See table right.
- F Tension wire ontions
- (1) Steel wire No. 7 gage zinc galvanized at the rate of 1.2 oz/sf: AASHTO MIBI. (2) Aluminum allov wire with a diameter of 0.1875" or larger conforming to the requirements
- of ASTM B2II, Alloy 5056 Temper H38, or, Alclad Alloy 5056 Temper Hi92, Aluminum coated steel wire No. 7 gage coated at the rate of 0.40 oz/sf: AASHTO MIBI.
- F. Tie wire and hog ring options:
- (1) Steel wire No. 9 gage zinc galvanized at the rate of 1,2 oz/sf. (2) Aluminum alloy wire with a diameter of 0.1443"or larger conforming to the requirements of
- ASTM B2II, Alloy 5056 Temper H38, or, Alciad Alloy 5056 Temper HI92, (3) Aluminum coated steel wire No. 7 gage coated at the rate of 0.40 oz/sf.
- 5. Unless a specific material is called for in the plans the Contractor may elect to use either a single type of material or a combination of material types from the component options listed above. Combinations of optional materials are restricted as follows: (a) Only one fabric optional material will be permitted between corner and/or end post assemblies. (b) Only one line post optional material will be permitted between corner and/or end post assemblies. (c) Pull post assemblies shall be optional materials identical to either the line
- post optional material or the corner and end post assembly optional material; but, bull post assemblies shall 6. Concrete for bases shall be either Class I concrete or 'Sackcrete' premix. Class I concrete shall be as specified in Section 347 of the Standard Specifications except the requirements contained in 347-7 shall not apply, Materials for Class Logocrete may be proportioned by volume and/or by weight.
- 7. Line posts are to be set in concrete as detailed above or by the following methods:

be the same optional material between any set of corner and/or end post assemblies.

- (a) In accordance with special details and/or as specifically described in the contract plans and specifications.
- (b) In accordance with ASTM F567 Subsections 4.4 through 4.7 and 4.9 and 4.10 as approved by the Engineer.
- (c) In soils that are firm, well drained and suitable for full stable embedment any of the optional steel posts may be driven in locations approved by the Engineer. Driving will not be permitted in sandy soils. Driven posts shall be set to a minimum depth of 3 for fences up through 6 in height, and, for each I' of fence height above 6' the posts shall be set an additional 6" in depth, Posts shall be protected to prevent damage from driving. Damaged posts shall be repaired or removed and replaced as directed by the Engineer without additional cost to the Department.
- Posts mounted on concrete structure or solid rock shall be mounted in occordance with the base plate detail "Fence Mounting On Concrete Endwalls And Retaining Wall", Sheet 2; or, by embedment in occordance with ASTM F567 Subsection 4.5.

End. null and corner nost assemblies shall be set in concrete as detailed above for all soil conditions other than solid rock. Posts within assemblies that are located on concrete structures or solid rock shall be set by base plate or by embedment as prescribed under (b) above for line posts. Line and assembly posts set in concrete bases shall be set an additional 3" in depth for each i' of fence height greater than 6'.

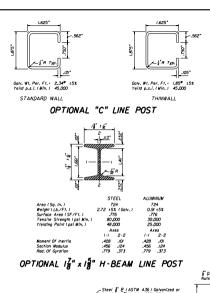
- 8. Pull posts shall be used at breaks in vertical grades of 15° or more, or at approximately 350' centers except that this maximum interval may be reduced by the Engineer on curves where the curve is greater than 3°
- 9. Corner posts are to be installed at all horizontal breaks in fence at 15° or more and as required at vertical breaks over 15° as determined by the Engineer.
- IO. When fence has an installed top of fabric height less than 6', knuckled top and bottom selvages shall he used unless the plans specifically identify locations for twisted selvage fabrics.
- II. Unless sliding gates or special gates are called for in the plans all gates shall be chain link swing gates meeting the material requirements described above as approved by the Engineer. Payment shall include the gates, single or double, all necessary hardware for installation and any
- additional length and/or size for posts at the opening. Gates shall be paid for under the contract unit price for Fence Gates, Type B. EA. 12. Line posts, tension wires, chain Init fabric, ite wires, Class I concrete, and all miscellaneous Ifflings and bardware to be included in the cost for Fencing Type B. LF. The standard 6 high fence shall be paid for under the contract unit price for Fencing Type B. LF. Fence having other height, time components and/or beread wire attachments shall be gold for under the contract
- unit price for Fencing Type B (__), LF, Corner post assemblies shall consist of one corner post, two braces, two truss rods, and all necessary fillings and hardware as detailed above and shall be paid for under the contract unit

price for Corner Post Assembly (Type B Fence), FA.

End post assemblies shall consist of one end post, one brace, one truss rod and all necessary fittings and hardware as detailed above and shall be paid for under the contract unit price for End Post Assembly (Type B Fence), EA.

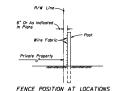
Specified Diameter Of Metallic Coated Core Wire			Minimum Weight Of Zinc Coating		PVC Thickness Range			
					MIBI Class A (Extruded Or Extruded And Bonded Coating)		MIBI Class B (Bonded Coating)	
in.	mm	gage	oz/sf	g/m²	in.	mm	in.	mm
0.148	3.77	9	0.30	92	0.0/5 fo 0.025	0.38 to 0.64	0.006 fo 0.00	0.15 10 0.25

	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD DESIGN FENCE TYPE B										
		Names	Dates	Approve	dBy ⊿.	_b					
	Designed By				State Roadway,	Dosign Englisher					
	Drawn By			Resistor	Sheet No.	Index No.					
	Checked Sy			00	1 of 2	452					

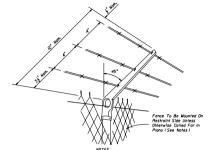


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FENCE POSITION AT LOCATIONS
WITHOUT FRONTAGE ROADS
(REFER TO DETAIL PLANS FOR FENCE POSITION AT
LOCATIONS WITH FRONTAGE ROADS)



Attachments to be used only when called for in the plans.

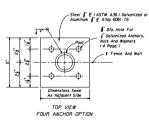
Attachments to extend in direction of restraint. Unless otherwise called for in plans, direction of restraint will be as follows:

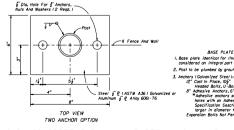
- (a.) Outward on limited access right of way line.
- (b.) Outward on controlled access right of way line.
 (c.) Outward from utilities and hazardous facilities located
- within highway right of way.

 (d.) Outward from lateral ditches, outfalls, retention basins.
- canals, borrow areas and similar support facilities.

 (e.) Inward on pedestrian ways.
- The cap-arm shall be designed to provide a drive fit over the top of posts and to exclude moisture in posts with hubular sections. Attachments to be paid for under the controvulit price for Fencing, Type B (With Borb Wire Attachment) LF.

BARB WIRE ATTACHMENT





BASE PLATE AND ANCHOR NOTES:

1. Base plate identical for line, pull, end and corner posts and shall be considered in integral part of the respective posts for basis of payment.

2. Post to be plumbed by grout shim under base plate.

12 Coursellistics, 1945 Embodement |
12 Coursellistics, 1961 to Cluster Plates,
15 Amesive Auctors, 51 Min. Embodement.*
2 Amesive Auctors, 51 Min. Embodement.*
3 Amesive Auctors, 51 Min. Embodement.*
4 Amesive Auctors, 51 Min. Embodement. 52
5 Amesive Auctors, 51 Min. Embodement boils set in drilled holes with on Amesive Moterial System in accordance with Specification Sections 46 and 93Tr drilled holes shall be \$\frac{1}{2}^4\$ Iargar in diameter than the anchor boil.

Expension Boils Not Permitted.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD DESIGN
FENCE
TYPE B

Summer State

State of FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD DEPARTMENT OF TRANSPORTATION

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FOR THE PROPERTY OF TRANSPORTATION

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FENCE
TYPE B

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FENCE MOUNTING ON CONCRETE ENDWALL AND RETAINING WALLS

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