ORIGINATION FORM

Proposed Revisions to a Standard Plans Index (Please provide all information – Incomplete forms will be returned)

Contact Information:

Standard Plans:

Date: July 17, 2018 Originator: **Ed Cashman** Phone: (850) 414-4314 Email: edward.cashman@dot.state.fl.us

Index Number: **700-120** Sheet Number (s): 1-9 Index Title: Electronic Display Sign - Roadside Flashing Beacons

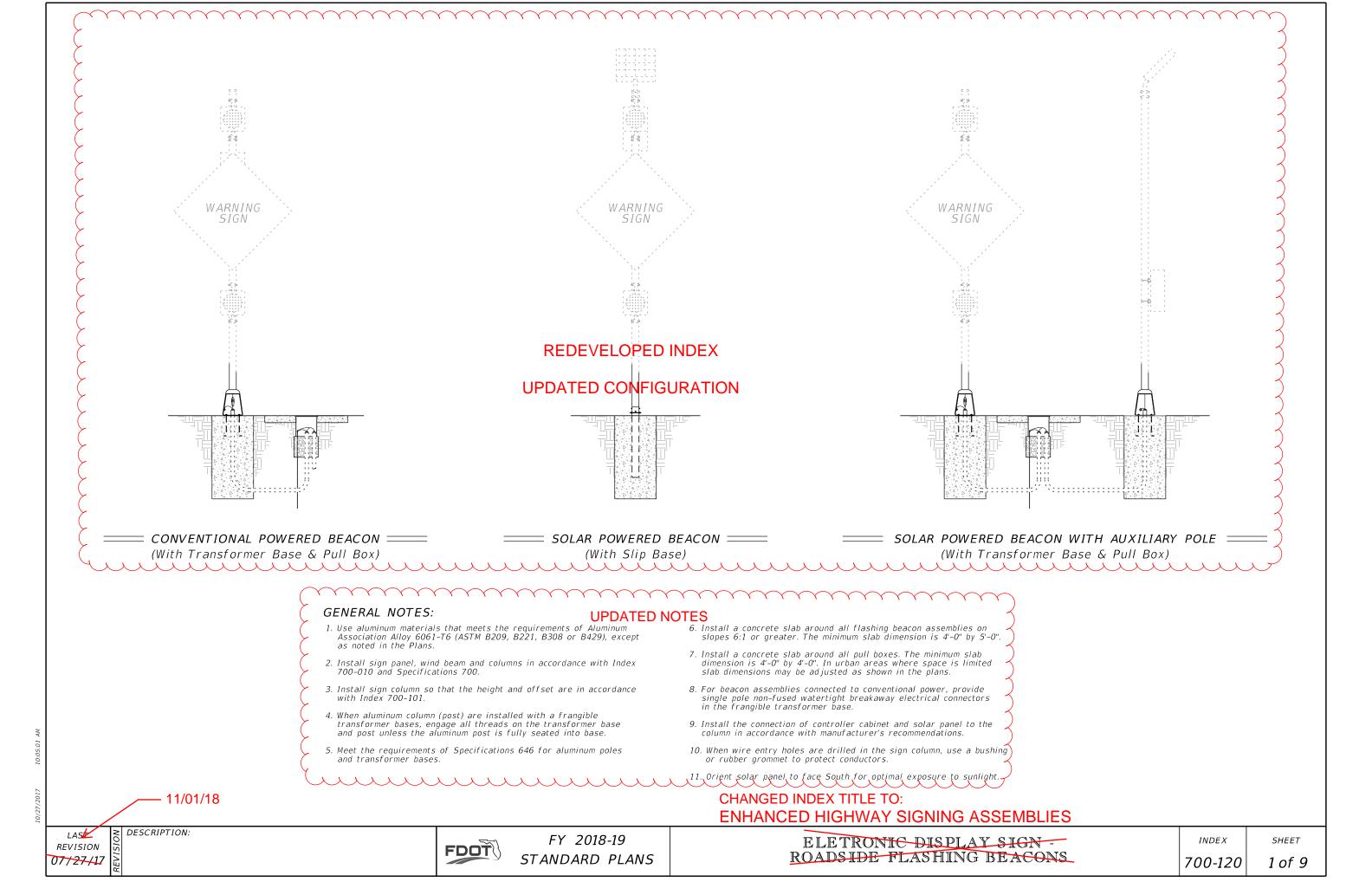
Summary of the changes:

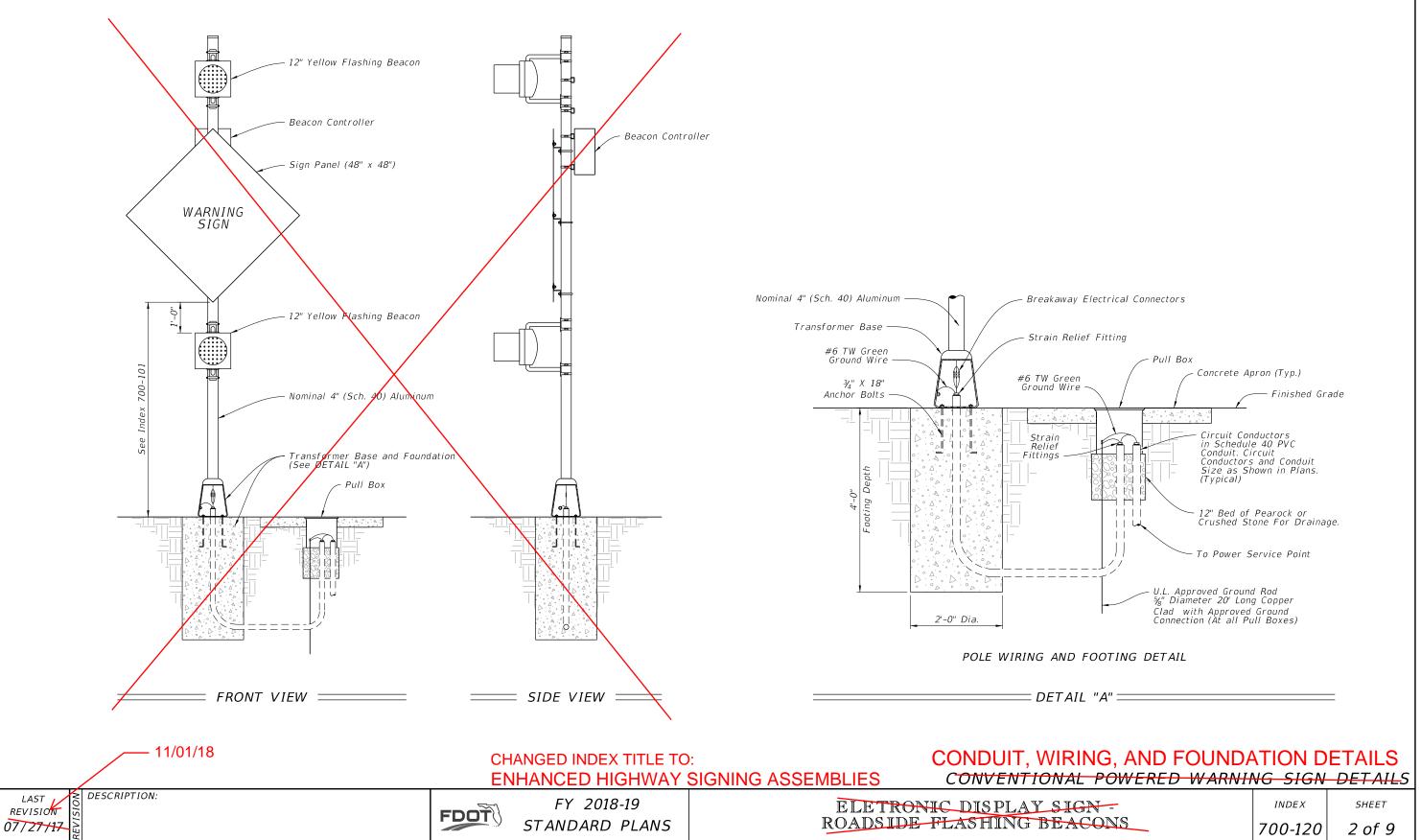
Redeveloped Index; Renamed Index, Added Configurations and Assembly type designations to combine for a new Alpha-Numeric Identification process.

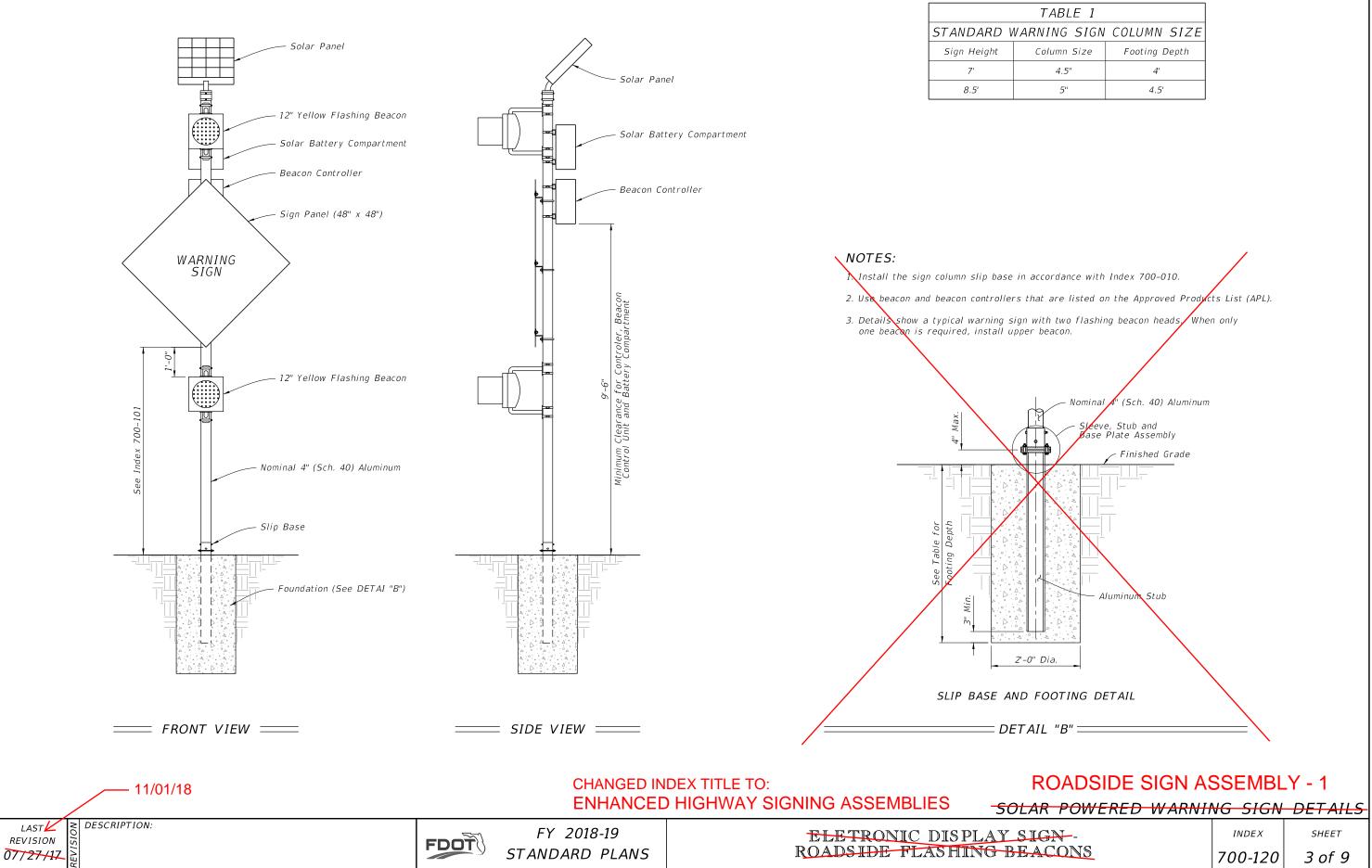
Commentary / Background:

The primary concern was that some signs (the RRFB in particular) were mounted too low and may interfere with sidewalk users. Also, it was not readily apparent that Conventional-Power and Solar-Power was an option for each assembly type.

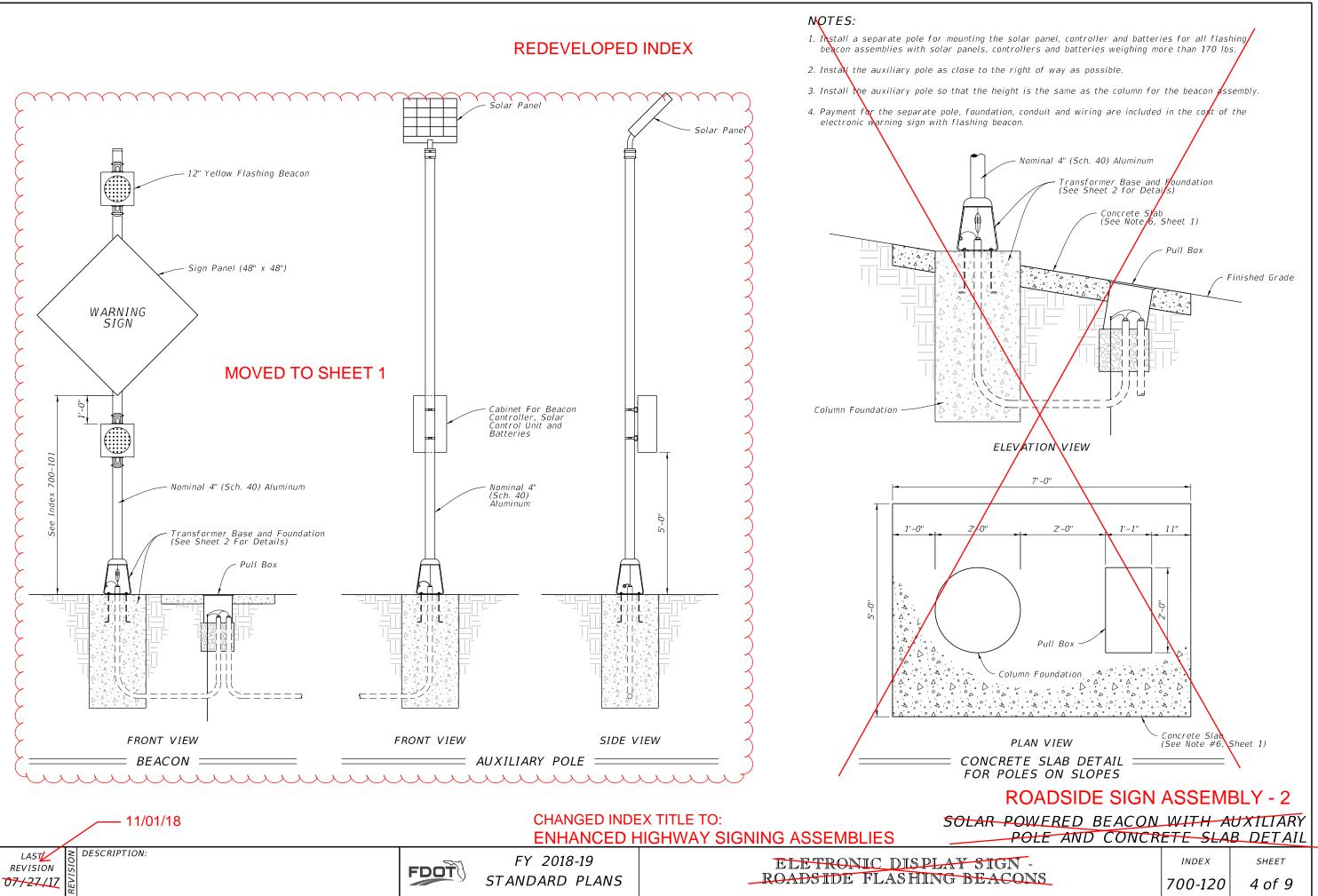
		Other Affected Offices / Documents: (Provide name of responsible personnel)
Yes	No	Other Standard Plans – Ed Cashman
	\checkmark	FDOT Design Manual –
	\checkmark	Basis of Estimates Manual –
\checkmark		Standard Specifications – Dan Hurtado
	\checkmark	Approved Product List –
	\checkmark	Construction –
	\checkmark	Maintenance –
		Origination Package Includes: (Email or hand deliver package to Derwood Sheppard)
Yes	N/A	Redline Mark-ups
	\checkmark	Proposed Standard Plan Instructions (SPI)
	\checkmark	Revised SPI
	\checkmark	Other Support Documents
Impl	eme	ntation:
De	esign	Bulletin (Interim) 🗌 DCE Memo 📄 Program Mgmt. Bulletin 🗹 FY-Standard Plans (Next Release)
		Contact the Roadway Design Office for assistance in completing this form

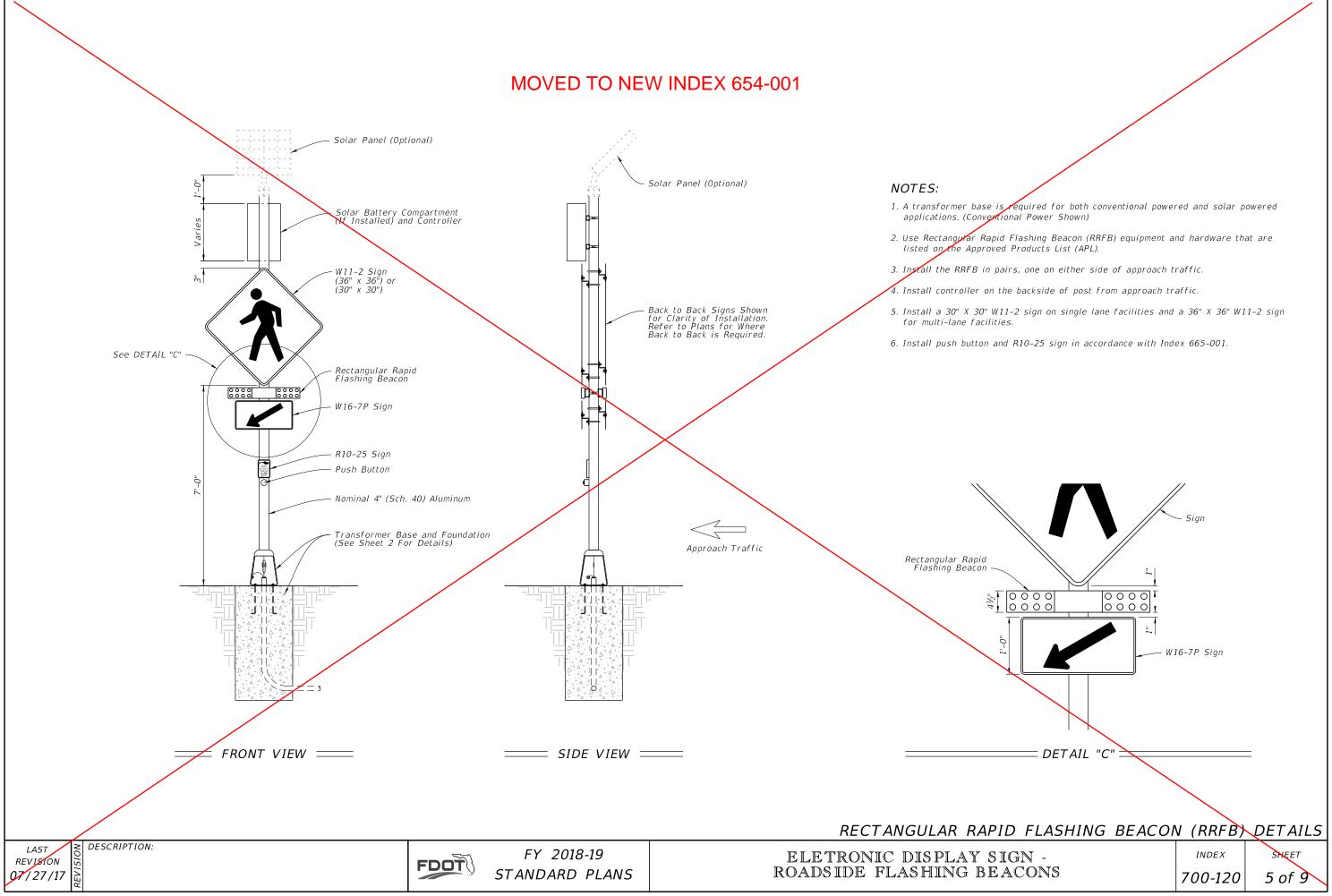






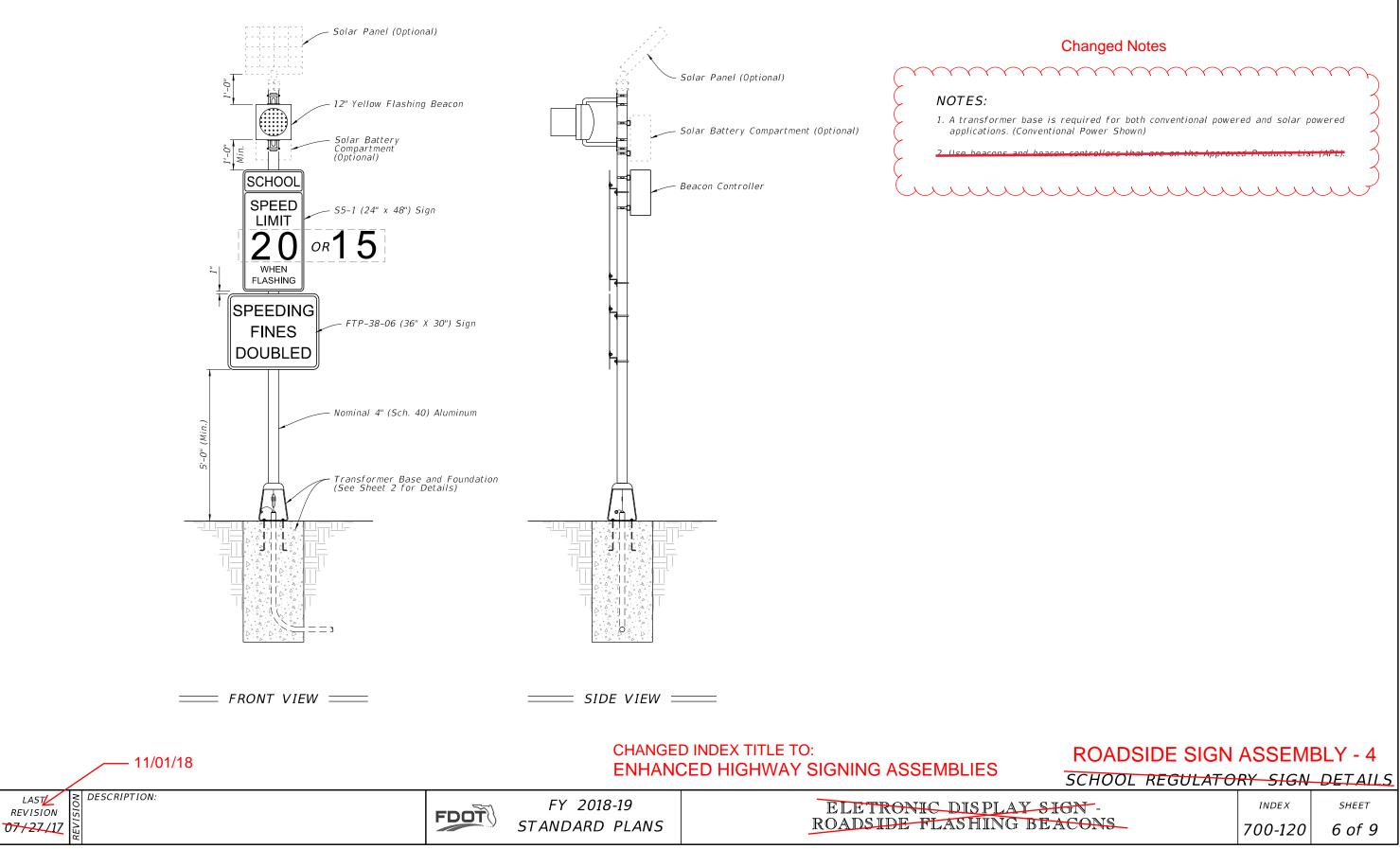
BLE 1	
G SIGN	COLUMN SIZE
nn Size	Footing Depth
1.5"	4'
5"	4.5'



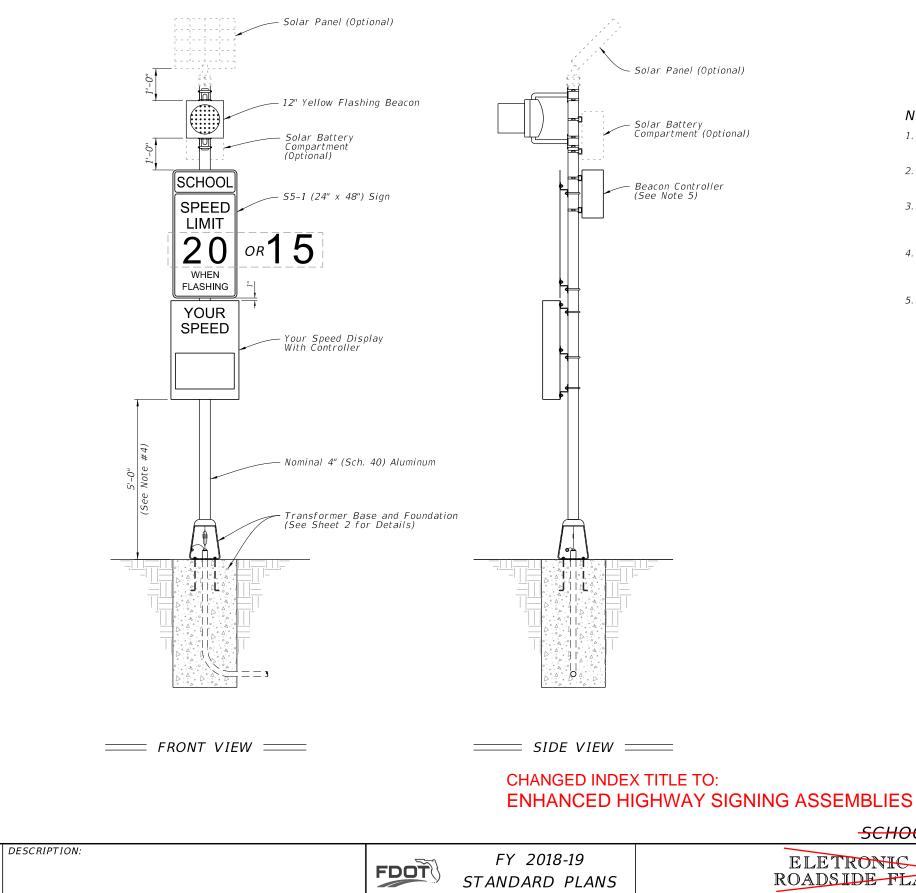


CHANGED INDEX TITLE TO: ENHANCED HIGHWAY SIGNING ASSEMBLIES

ROADSIDE SIGN ASSEMBLY - 3



anged	Notes



NOTES:

- powered applications. (Conventional Power Shown)
- hardware that are on the Approved Products List (APL).
- speed feedback display with numeral heights of 18"
- 7'-0" clearance.

LAST

REVISION

07/27/17

SCHOOL REGULATORY

ELETRONIC DISPLAY SIGN ROADSIDE FLASHING BEACO

1. A transformer base is required for both conventional powered and solar

2. Use speed feedback display, beacons, beacon controllers and installation

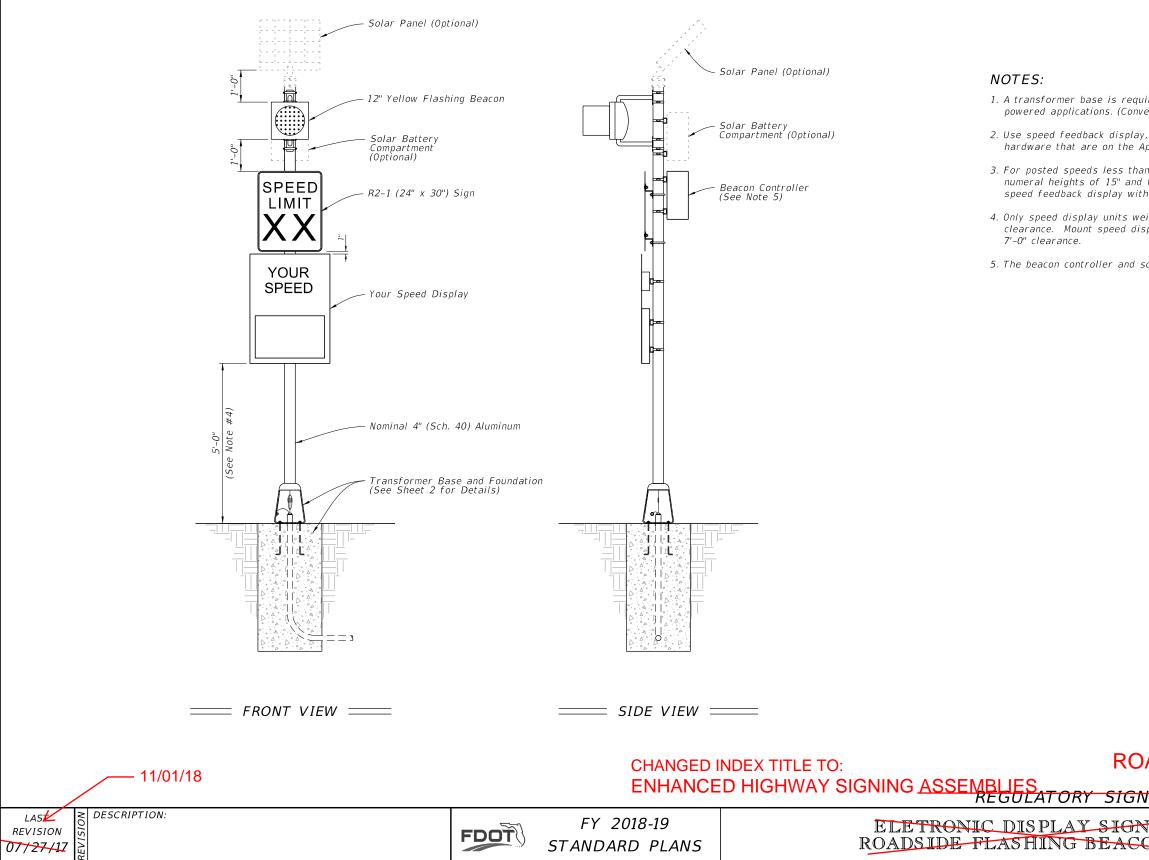
3. For posted speeds less than 45 mph, install a speed feedback display with numeral heights of 15" and for posted speeds 45 mph or greater, install a

4. Only speed display units weighing 62 lbs. or less may be mounted with a 5'-0" clearance. Mount speed display units that weigh more than 62 lbs. with a

5. The beacon controller and solar batteries may be in the same compartment.

ROADSIDE SIGN ASSEMBLY - 5

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-	INDEX	SHEET
ONS	700-120	7 of 9



- powered applications. (Conventional Power Shown)
- hardware that are on the Approved Products List (APL).
- speed feedback display with numeral heights of 18"
- 7'-0" clearance.

1. A transformer base is required for both conventional powered and solar

2. Use speed feedback display, beacons, beacon controllers and installation

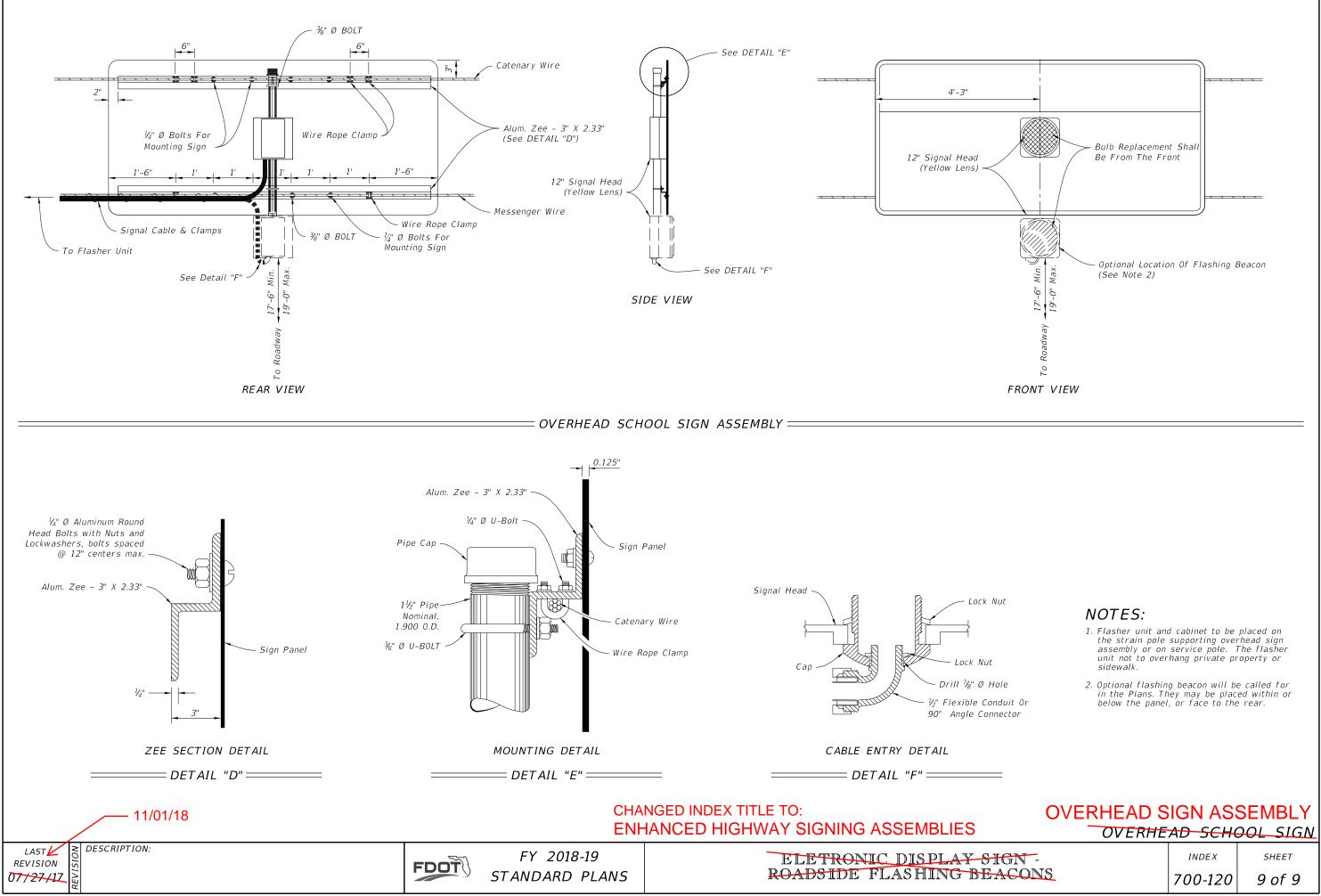
3. For posted speeds less than 45 mph, install a speed feedback display with numeral heights of 15" and for posted speeds 45 mph or greater, install a

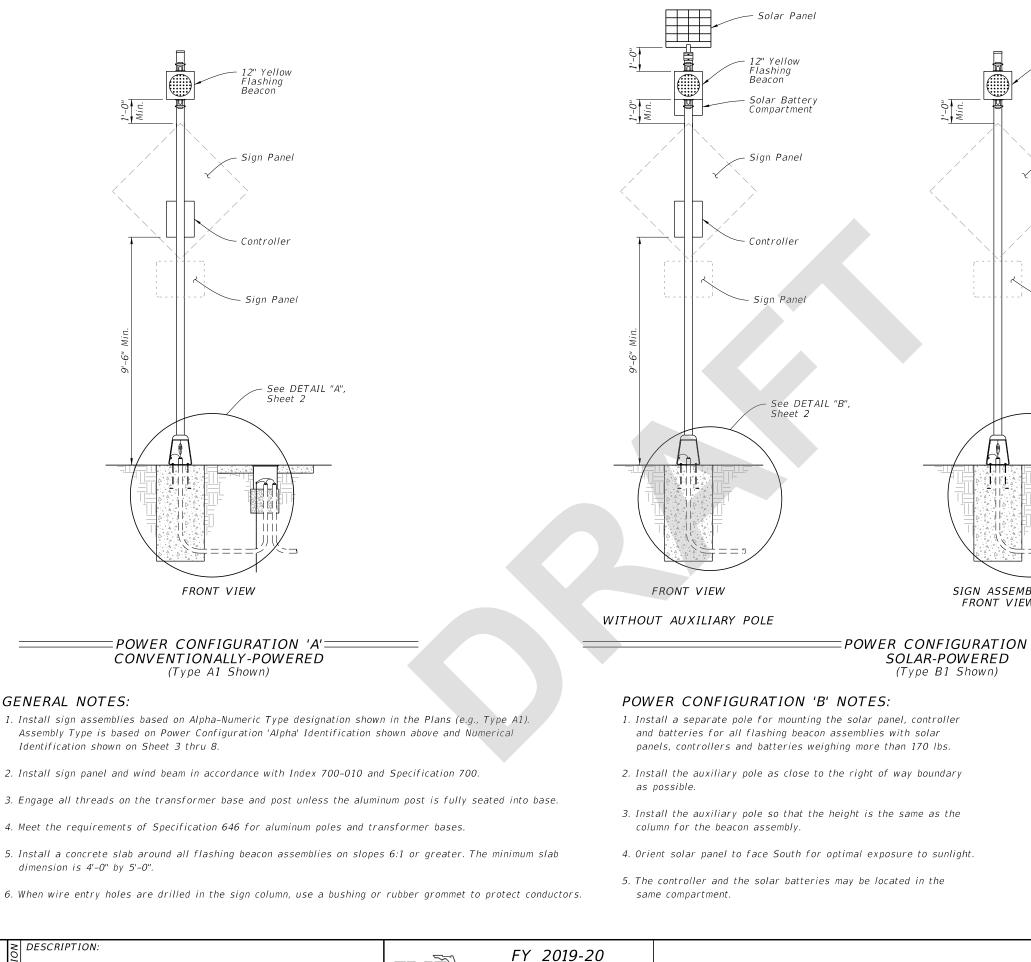
4. Only speed display units weighing 62 lbs. or less may be mounted with a 5'-0" clearance. Mount speed display units that weigh more than 62 lbs. with a

5. The beacon controller and solar batteries may be in the same compartment.

ROADSIDE SIGN ASSEMBLY - 6

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ONS	700-120	8 of 9



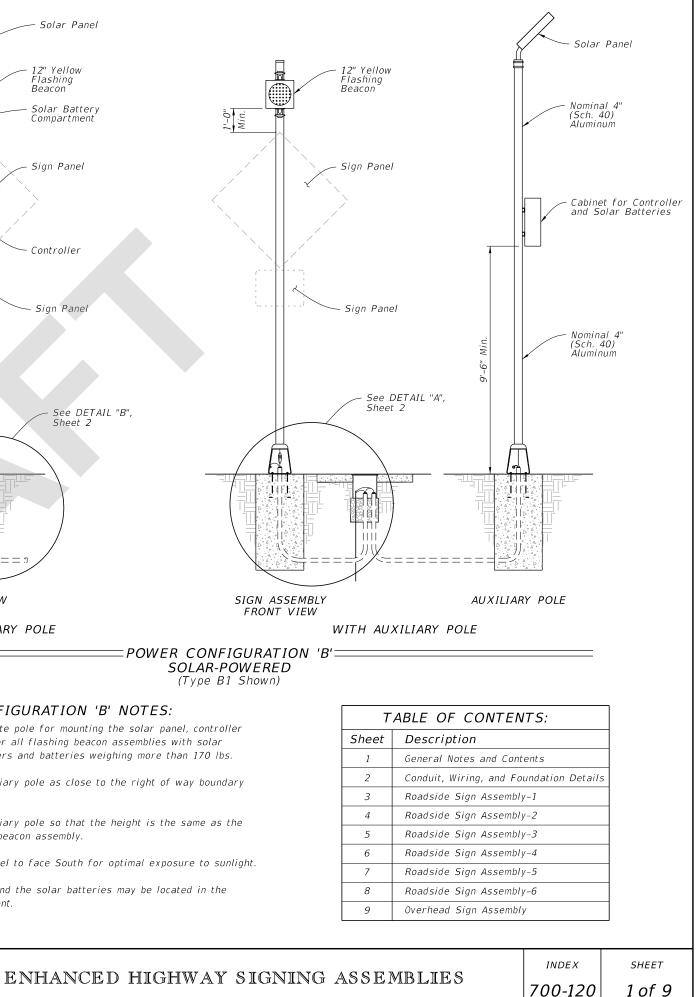


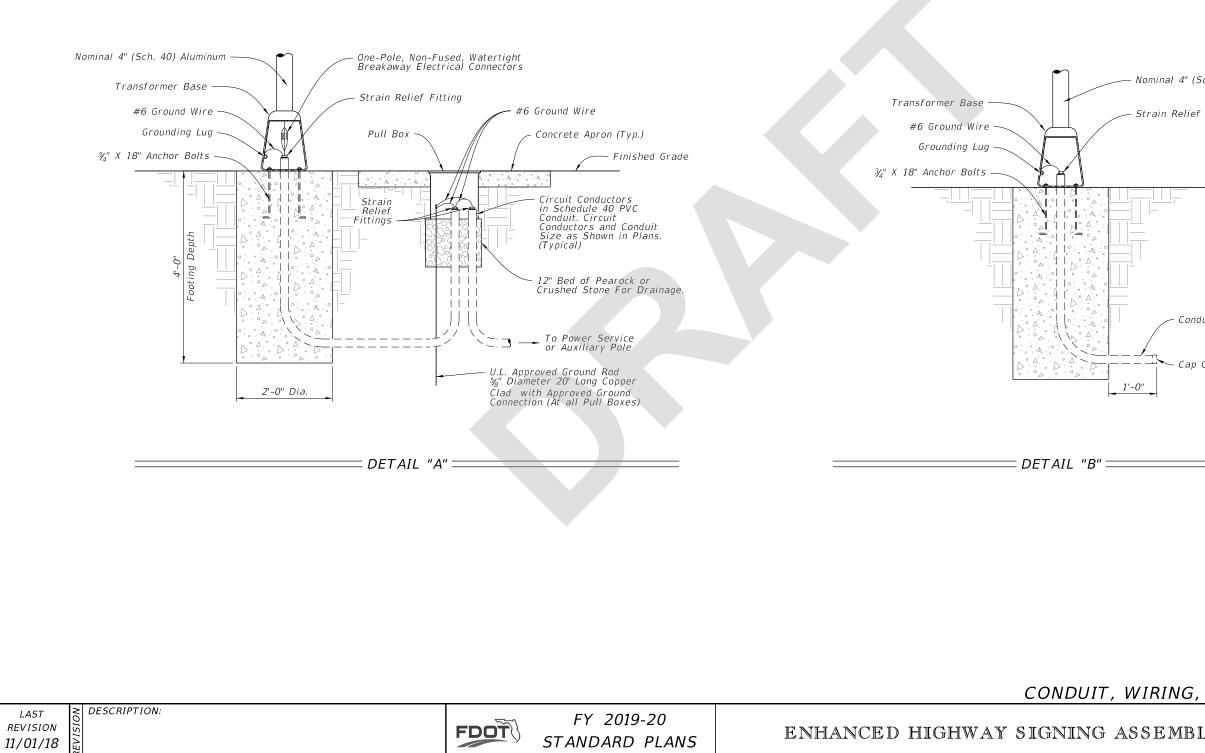
FDOT

STANDARD PLANS

LAST REVISI 11/01/

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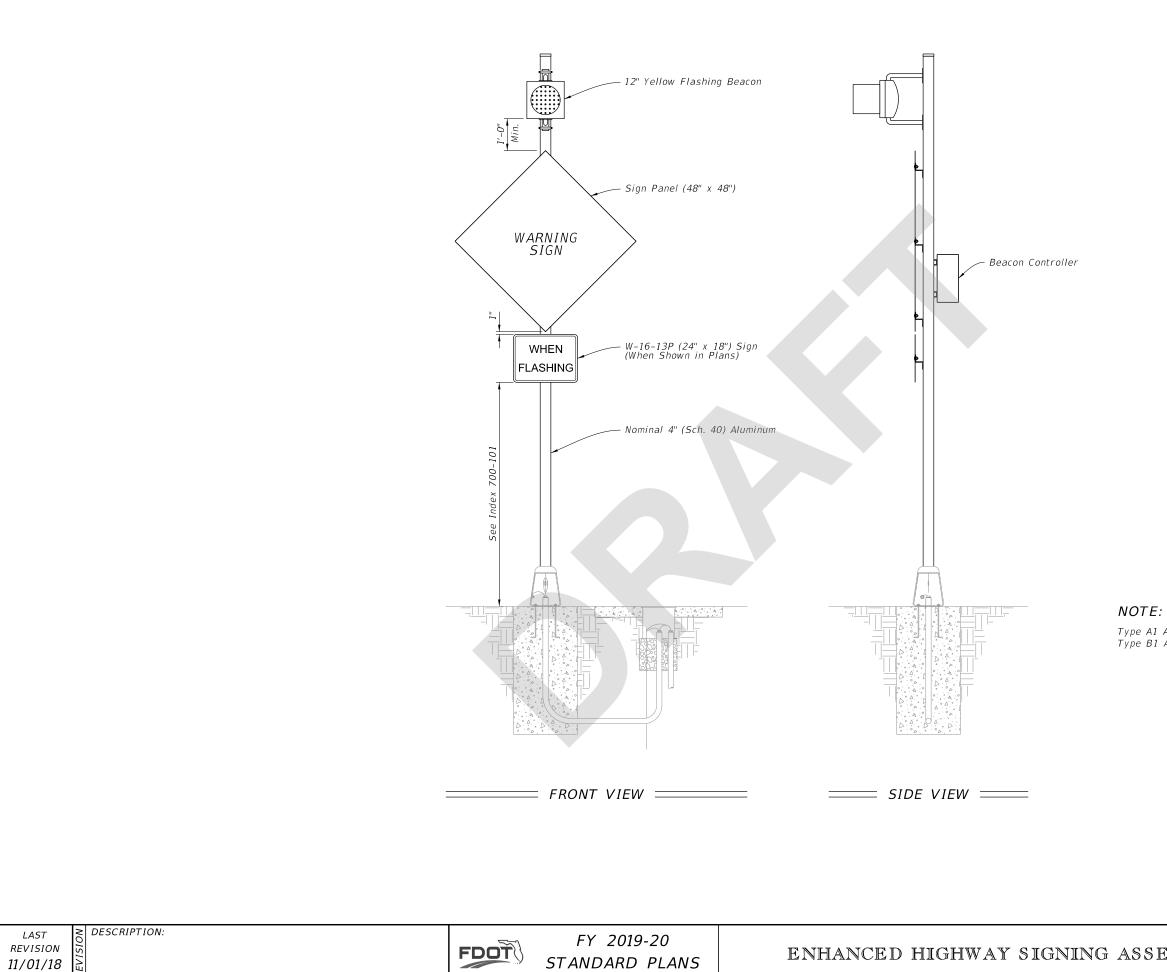


Nominal 4" (Sch. 40) Aluminum

Strain Relief Fitting

Conduit for Future Use - Cap Conduit

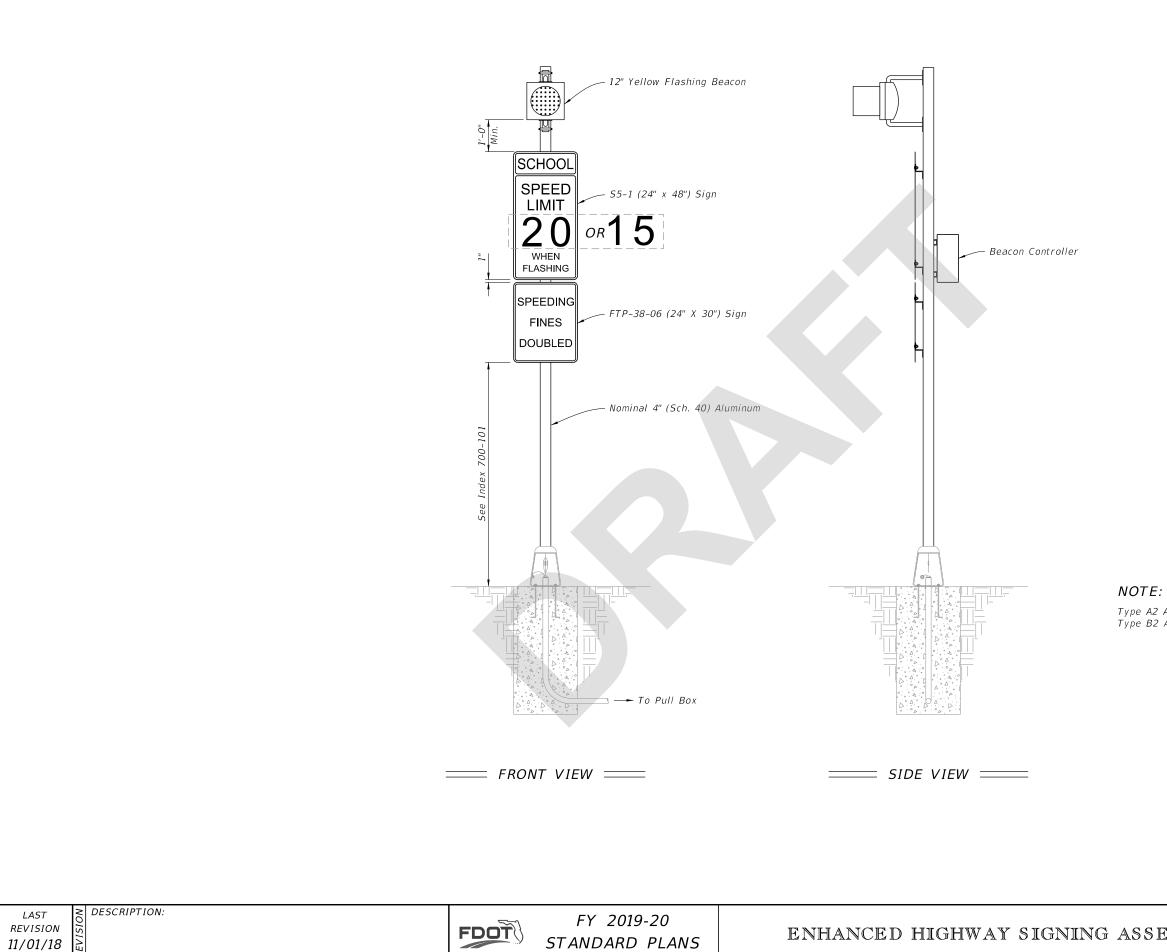
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SEMBLIES	INDEX	SHEET
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NOIE: Type A1 Assembly (conventionally-powered) is shown. Type B1 Assemblies (solar-powered) similar.

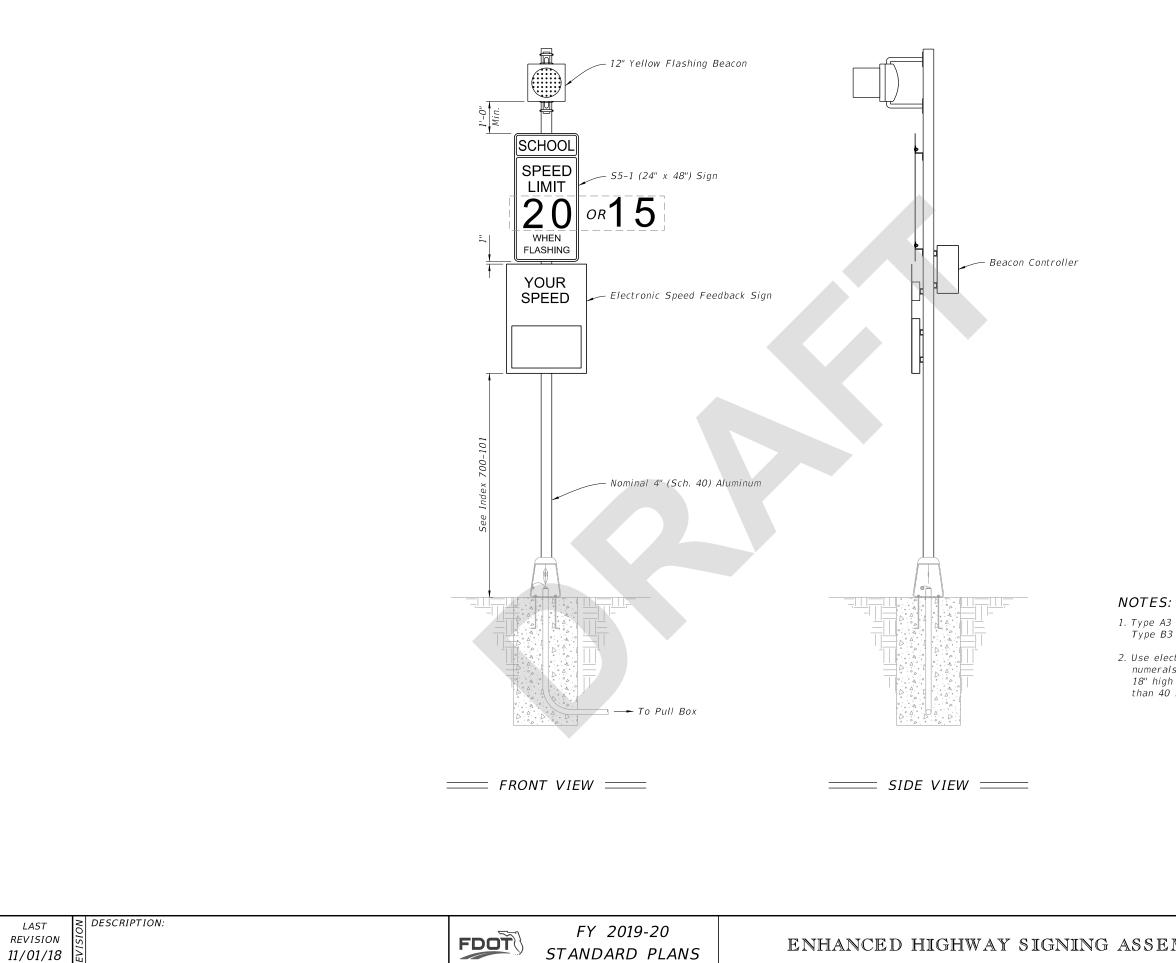
ROADSIDE SIGN ASSEMBLY-1

	INDEX	SHEET
SEMBLIES	700-120	3 of 9



NOTE: Type A2 Assembly (conventionally-powered) is shown. Type B2 Assemblies (solar-powered) similar.

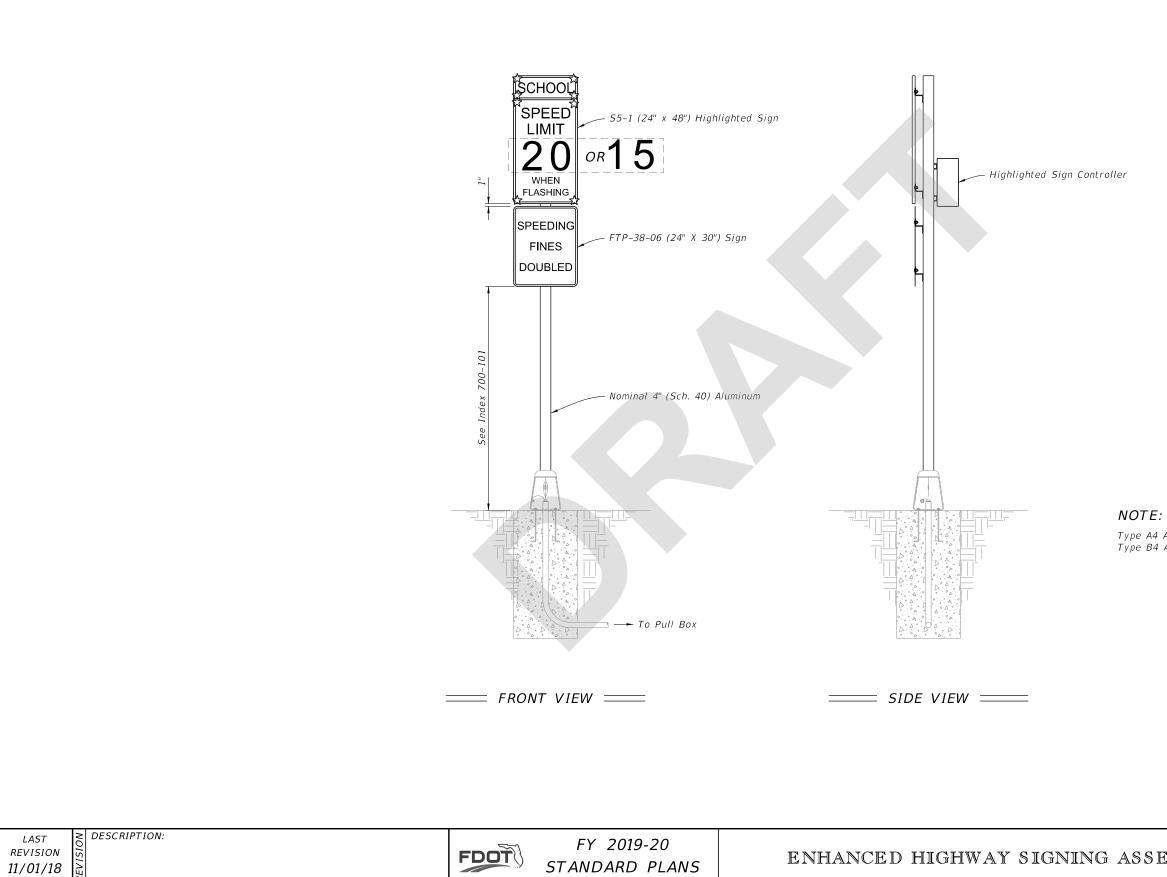
ROADSIDE	SIGN AS.	SEMBLY-2
	INDEX	SHEET
SEMBLIES	700-120	4 of 9



1. Type A3 Assembly (conventionally-powered) is shown. Type B3 Assemblies (solar-powered) similar.

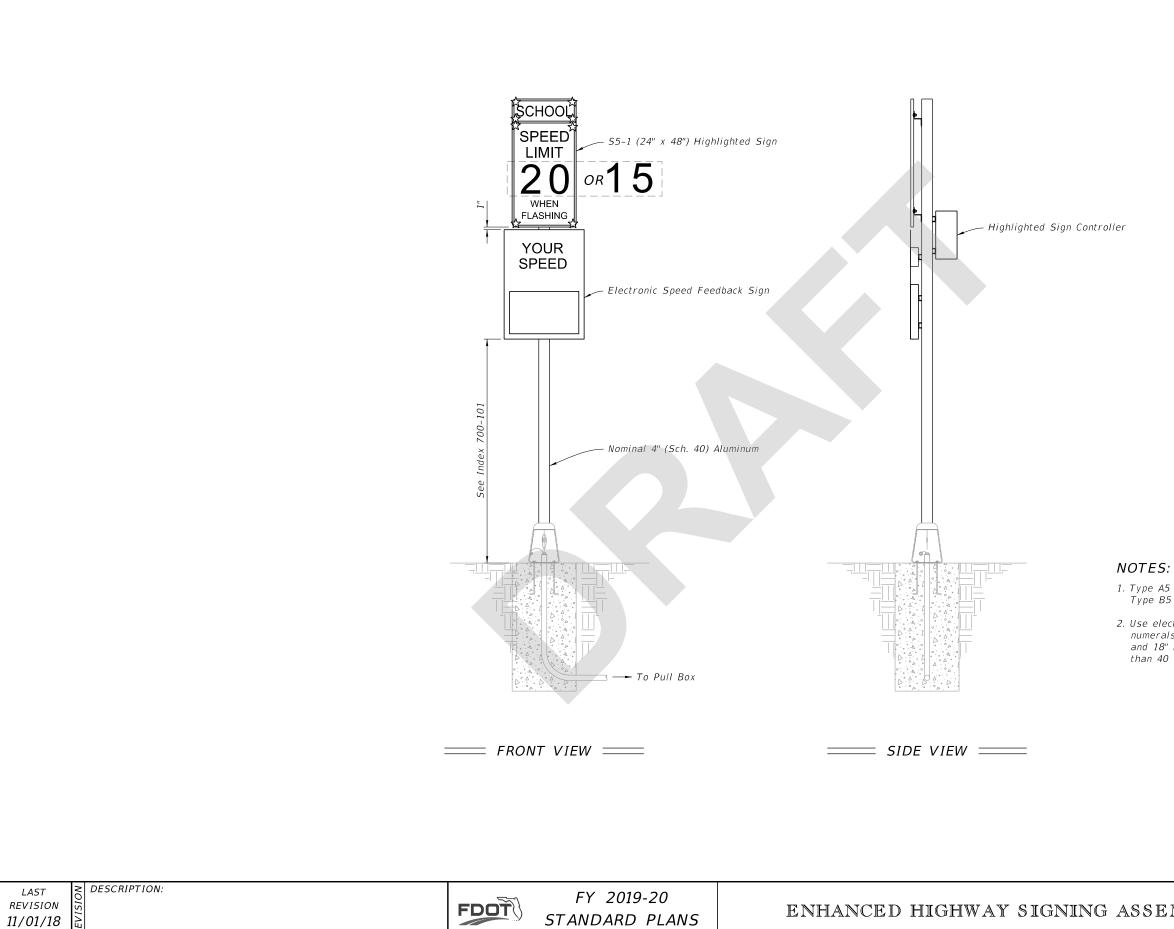
2. Use electronic speed feedback sign with 15" high numerals for posted speed of 45 mph or less, and 18" high numerals for posted speeds greater than 40 mph.

ROADSIDE	SIGN AS	SEMBLY-3
	INDEX	SHEET
SEMBLIES	700-120	5 of 9



NOTE: Type A4 Assembly (conventionally-powered) is shown. Type B4 Assemblies (solar-powered) similar.

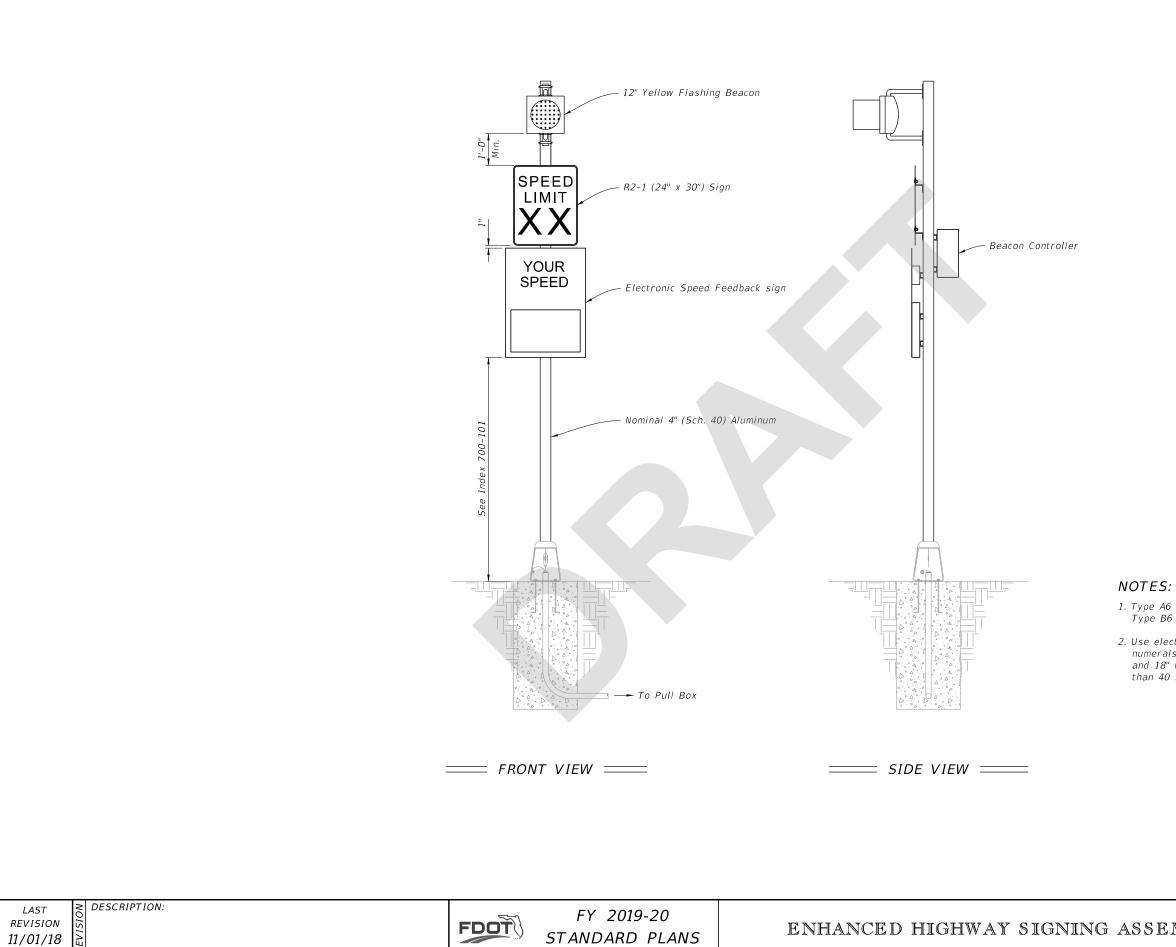
ROADSIDE	SIGN AS	SEMBLY-4
	INDEX	SHEET
SEMBLIES	700-120	6 of 9



1. Type A5 Assembly (conventionally-powered) is shown. Type B5 Assemblies (solar-powered) similar.

2. Use electronic speed feedback sign with 15" high numerals for posted speed of 45 mph or less, and 18" high numerals for posted speeds greater than 40 mph.

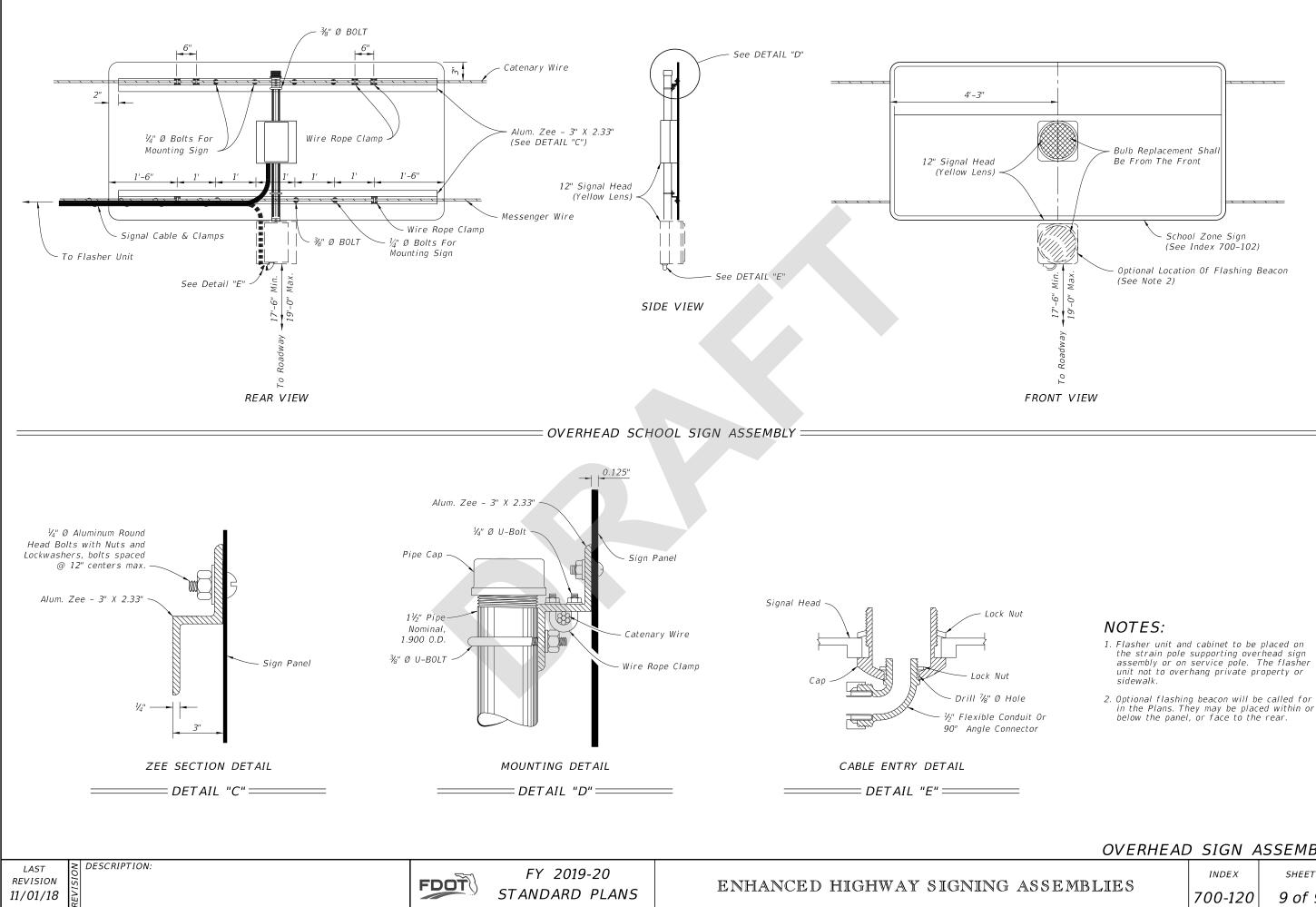
ROADSIDE	SIGN AS	SEMBLY-5
	INDEX	SHEET
SEMBLIES	700-120	7 of 9



1. Type A6 Assembly (conventionally-powered) is shown. Type B6 Assemblies (solar-powered) similar.

2. Use electronic speed feedback sign with 15" high numerals for posted speed of 45 mph or less, and 18" high numerals for posted speeds greater than 40 mph.

ROADSIDE .	SIGN AS	SEMBLY-6
SEMBLIES	INDEX	SHEET
	700-120	8 of 9



- the strain pole supporting overhead sign assembly or on service pole. The flasher unit not to overhang private property or

OVERHEAD SIGN ASSEMBLY			
SEMBLIES	INDEX	SHEET	
	700-120	9 of 9	