
ORIGINATION FORM

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

Contact Information:

Date: May 13, 2020

Originator: Cheryl Hudson

Phone: 414-5332

Email: cheryl.hudson@dot.state.fl.us

Standard Plans:

Index Number: 415-001

Sheet Number (s): 1

Index Title: Bar Bending Details (Steel)

Summary of the changes:

Delete phi for Type 39 spiral

Commentary / Background:

Phi was the grade which is now covered in the standard and SDG. Bar or wire is at the contractors discretion.



Other Affected Offices / Documents: (Provide name of person contacted)

Yes	No	
☐	☒	Other Standard Plans –
☐	☒	FDOT Design Manual –
☐	☒	Basis of Estimates Manual –
☐	☒	Standard Specifications –
☐	☒	Approved Product List –
☐	☒	Construction –
☐	☒	Maintenance –

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

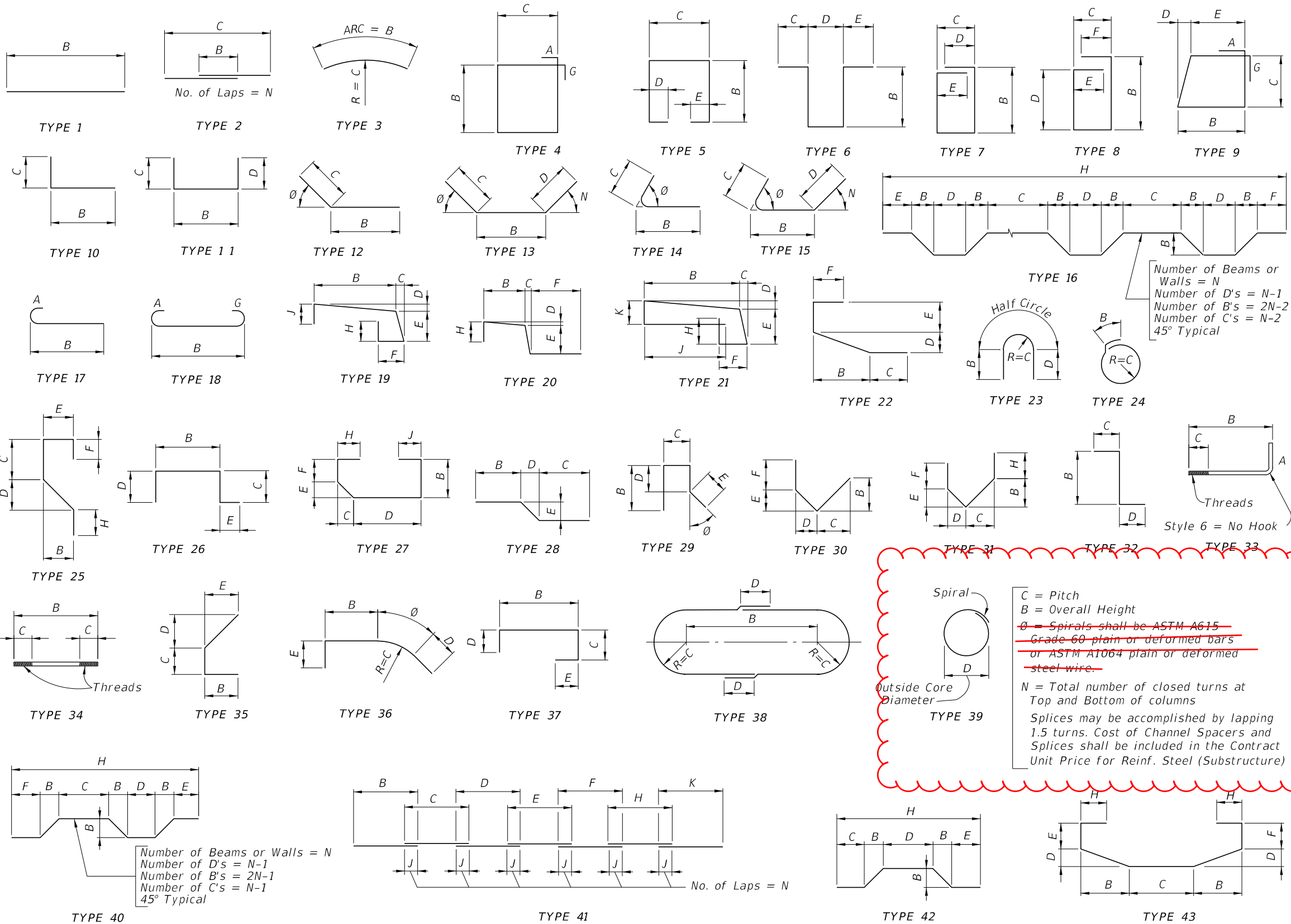
Yes	N/A	
☒	☐	Redline Mark-ups
☐	☒	Proposed Standard Plan Instruction (SPI)
☐	☒	Revised SPI
☐	☒	Other Support Documents

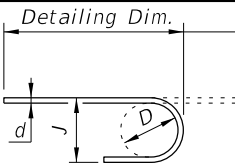
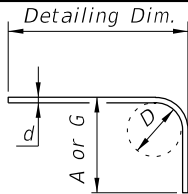
Implementation:

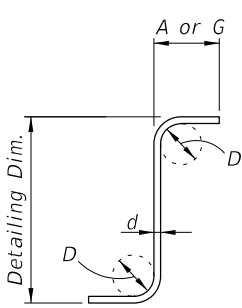
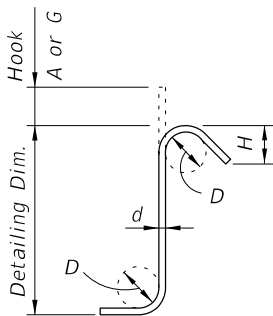
- ☐ Design Bulletin (Interim)
- ☐ DCE Memo
- ☐ Program Mgmt. Bulletin
- ☒ FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form

10/14/2019 3:42:55 PM



HOOK DETAILS				
				
180°		90°		
BAR SIZE	D	180° HOOKS		90° HOOKS
		A OR G	J	A OR G
#3	2 1/4"	5"	3"	6"
#4	3"	6"	4"	8"
#5	3 3/4"	7"	5"	10"
#6	4 1/2"	8"	6"	1'-0"
#7	5 1/4"	10"	7"	1'-2"
#8	6"	11"	8"	1'-4"
#9	9 1/2"	1'-3"	11 3/4"	1'-7"
#10	10 3/4"	1'-5"	1'-1 1/4"	1'-10"
#11	12"	1'-7"	1'-2 3/4"	2'-0"
#14	18 1/4"	2'-3"	1'-9 3/4"	2'-7"
#18	24"	3'-0"	2'-4 1/2"	3'-5"
STYLE		1		3

			
90°		135°	
STIRRUPS (TIES SIMILAR)			

STIRRUP & TIE HOOK DIMENSIONS					
BAR SIZE	D	90° HOOKS		135° HOOKS	
		A or G		A or G	H *
#3	1 1/2"	4"		4"	2 1/2"
#4	2"	4 1/2"		4 1/2"	3"
#5	2 1/2"	6"		5 1/2"	3 3/4"
#6	4 1/2"	1'-0"		8"	4 1/2"
#7	5 1/4"	1'-2"		9"	5 1/4"
#8	6"	1'-4"		10 1/2"	6"
STYLE		4		5	
STYLE 6 = NO HOOK					

* Dimension is approximate.
Hook Styles Detailed on this sheet are for Illustration Only.
Actual Hook Style for any particular bar will be shown under A or G Heading on REINFORCING BAR LIST sheet(s) in Structures Plans.
All Dimensions are out-to-out.

NOTE: For Bar Dimensions See REINFORCING BAR LIST Sheet(s) in Structures Plans.

LAST REVISION 11/01/16	DESCRIPTION:
------------------------------	--------------



FY 2020-21
STANDARD PLANS

BAR BENDING DETAILS (STEEL)

INDEX
415-001

SHEET
1 of 1

CMH
05/13/
20

