

DIMENSIONS AND QUANTITIES PER GRATE

1

11'-3"

13'-3"

16'-3"

19'-3"

7'-3"

8'-3"

10'-3"

12'-3"

Bars @ 3.4 lbs/LF (2 ea.)

M-4"

3'-3"

3'-6"

4'-0"

4'-6"

3'-3"

3'-6"

4'-0''

4'-6"

Lbs.

99

114

138

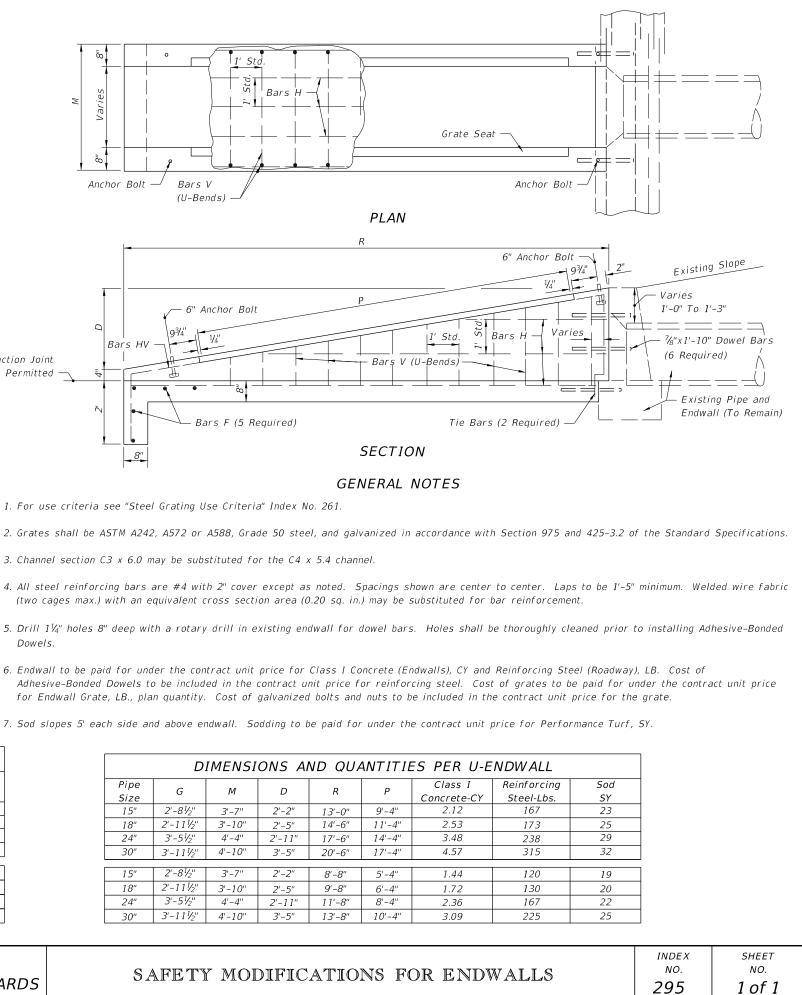
162

71

80

97

114



1. For use criteria see "Steel Grating Use Criteria" Index No. 261.

- 3. Channel section C3 x 6.0 may be substituted for the C4 x 5.4 channel.
- Dowels.

DIMENSIONS AND QUANTITIES PER L						
Pipe Size	G	М	D	R	Р	Class I Concrete-C
15"	2'-8½"	3'-7"	2'-2"	13'-0"	9'-4''	2.12
18"	2'-11½"	3'-10"	2'-5"	14'-6"	11'-4"	2.53
24"	3'-5½"	4'-4''	2'-11"	17'-6"	14'-4''	3.48
30"	3'-11½"	4'-10''	3'-5"	20'-6"	17'-4"	4.57
15"	2'-8½"	3'-7"	2'-2"	8'-8"	5'-4''	1.44
18"	2'-11½"	3'-10''	2'-5"	9'-8''	6'-4''	1.72
24"	3'-5½"	4'-4''	2'-11"	11'-8"	8'-4"	2.36
30"	3'-11½"	4'-10''	3'-5"	13'-8''	10'-4''	3.09

DESCRIPTION: LAST REVISION 11/01/16

Slope

1:6

1:4

Pipe

Size

15"

18"

24"

30"

15"

18"

24"

30"

Channels @ 5.4 Lbs./LF

Quantity

10

12

15

18

6

9

11

F

2'-6⁷/8''

2'-97/8"

3'-3%"

3'-97/8"

2'-67/8"

2'-9%"

3'-37/8"

3'-97/8"

Lbs.

139

183

269

372

83

107

161

227

FY 2017-18 FDOT DESIGN STANDARDS

Angles @ 3.2 Lbs./LF

Lbs.

60

73

92

111

34

41

53

66

Р

9'-4''

11'-4"

14'-4"

17'-4"

5'-4''

6'-4''

8'-4"

10'-4"

(2)Total

Weight-Lbs

298

370

499

645

188

228

311

407