

DIMENSIONS AND QUANTITIES PER GRATE

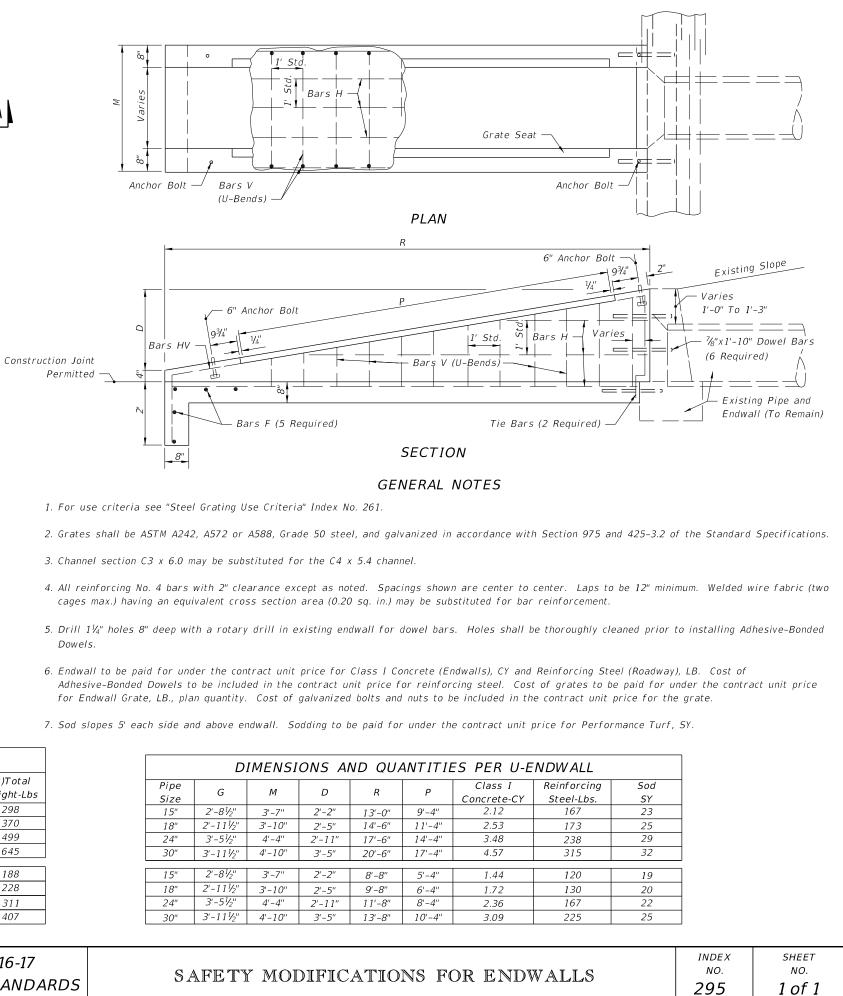
Bars @ 3.4 lbs/LF (2 ea.)

M-4"

3'-3"

3'-6"

4'-0"



DIMENSIONS AND QUANTITIES PER U						
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

LAST REVISION 07/01/07

Pipe

Size

15"

18"

24"

Slope

1:6

1:4

30" 3'-97/8" 4'-6" 17'-4" 372 19'-3" 162 18 2'-67/8" 7'-3" 3'-3" 71 83 5'-4'' 15" 6 2'-9%" 8'-3" 6'-4'' 18" 107 3'-6" 80 24" 3'-37/8" 161 10'-3" 4'-0'' 97 9 8'-4" 3'-97/8" 227 114 10'-4" 30" 11 12'-3" 4'-6" DESCRIPTION:

1

11'-3"

13'-3"

16'-3"

Channels @ 5.4 Lbs./LF

Quantity

10

12

15

F

2'-6⁷/8''

2'-97/8"

3'-3%"

Lbs.

139

183

269

FDOT

Lbs.

99

114

138

FY 2016-17 DESIGN STANDARDS

(2)Total

Weight-Lbs

298

370

499

645

188

228

311

407

Angles @ 3.2 Lbs./LF

Lbs.

60

73

92

111

34

41

53

66

Р

9'-4''

11'-4"

14'-4"