

Book-12. Dr. 12

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

WALL Survey

JADNAIS BLVD.

ICE ST. To 1/4 MILE EAST

Road Acc't. No. H. 32

dated 1935

File 12

Proposed Wall
R.O.W. Stakes

& Cross Sections.

Vaidrais Blvd.

1/4 mi. east of Rice St.

Note: R.O.W. Stakes set 33' Right
from Sta. 13+83.3 to Sta. 16+50
@ Beg. & end of Curve and every 25'
For additional X-sections see
final X-sections, X-section of
ditch & shoulder not taken due
to Rock piled in ditch.

See P. 25.

W. N. Carlson
July 12, 1935

56. Point

21490.55 P.O.T.

154 3697 P.T.

+75

15

+75

+50

+25

14

134 83.3 P.E.

7°41'

7°05.1'

5°50.1'

4°35.1'

3°20.1'

2°05.1'

0°50.1'

0°00'

10° C. Rt.

A 15°22'

T. 77.40'

L. 153.67'

R= 576.39

0 - 57.10 - 8" stamp

- 60.45 - 4" oak

R.P. 2"x2" 24.60

Boat Spike

Stone Moq. 32.28

50.00 - Hub

53.56

Cor Wall

- Topography -

+50

16+0

+50

15+0

+50

14+0

Ent. + 63

24'

28'

31.5

+ 42 - E. Wall 1/2 44'

2" Flag Stone Wall

+ 74 - 2" Bass - 89'

+ 72 - Bay Wall 1/2 44'

+ 75 - E. Hedge - 34'

+ 73.5 - Cor. 58'

Porch 7x13

+ 73.5

1 1/2 S-F.

30"

33'

57.5

33'

⊙ P.T.

Top Bank →

+ 43 - Cor. Ho. 57.7

+ 38 - Bay Hedge 35'

+ 70 - 1" Spr. 44'

+ 10 - 2" Spr. 45'

33'

+ 72 - E. Hedge 34'

+ 75 - H. 35'

33'

Hed. 35'

33'

+ 75 Hedge 34'

⊙ P.C.

Sta.	+	π ✓	-	Elev.
	10.01	895.15		885.14

1410

+75

+29

+50

+75

1510

Reg. Wall

T.P.

11.84

904.14 ✓

2.85

✓
892.30

15175

+37

+50

+75

15192 - End Wall

1610

R.R. Spike in R.P. 100' RT. Sta. 13+85

7.4 $\frac{8.1}{12}$ $\frac{9.1}{21}$ $\frac{8.8}{33}$ $\frac{86.4}{L.O.}$

6.2 $\frac{7.9}{24}$ $\frac{3.4}{30}$ $\frac{1.8}{35}$ $\frac{93.4}{L.O.}$

6.4 $\frac{7.9}{24}$ $\frac{8.6}{31}$ $\frac{8.6}{33}$ $\frac{94.6}{L.O.}$

5.3 $\frac{6.8}{25} = \text{Bot + Slope}$

4.0 $\frac{6.2}{24}$

Bot Wall $\frac{7}{17}$ Top Wall

2.8 $\frac{5.1}{23}$ $\frac{1.7}{26}$ $\frac{1.7}{27}$

10.3 $\frac{12.8}{21.8}$ $\frac{4.2}{26.5}$ $\frac{3.9}{28.5}$

9.9 $\frac{11.7}{20.8}$ $\frac{3.2}{25.7}$ $\frac{3.2}{27.7}$

8.9 $\frac{11.0}{19.8}$ $\frac{3.4}{25}$ $\frac{3.0}{26.5}$

7.5 $\frac{9.3}{19.3}$ $\frac{5.3}{23.3}$ $\frac{4.9}{24.7}$

Bot Wall $\frac{1}{17}$ Top Wall

$\frac{6.9}{\text{Top end Wall}}$

6.2 $\frac{7.4}{22} = \text{Bot Slope}$

X-Sections Cont'd next page

Sta. + π $\downarrow$ - Elev.

904.14

16+75 + 75?

+50

T.P.

8.45

910.80

1.79

907.35

16+0

15+75

15+50

15+37

15+25

15+0

14+75

T.P.

1.38

899.38

12.80

898.00

B.M.

14.26

885.12

2

RT

5

Bottom Slope $\rightarrow$ $\leftarrow$ Top Slope

6.8	0.1	0.3
<u>21.3</u>	<u>2.8</u>	<u>3.3</u>

1

21.3

4.2

5.1	2.7	2.8	
<u>21.5</u>	<u>24.5</u>	<u>33</u>	4.0

06.2

12.9

4.5	4.6	4.7
<u>31.5</u>	<u>33</u>	<u>50</u>

107.7

14.2

5.1	2.5
<u>33</u>	<u>50</u>

109.1

15.6

1.7	1.0
<u>33</u>	<u>58</u>

108.4

16.6

2.4	1.6
<u>33</u>	<u>50</u>

106.8

17.0

4.0	3.0
<u>33</u>	<u>50</u>

102.6

18.4

8.0	6.9
<u>33</u>	<u>50</u>

106.5

19.6

12.3	14.2
<u>33</u>	<u>50</u>

105.9

9.5

3.5	3.0
<u>33</u>	<u>50</u>

Top Slope

Sta.

Fl. Lin. Gutter

Rod 12' Rd.

Rod 13' Rd.

Rod - 17' Rd.

14420

8.1

8.8

10.1

14450

7.1

7.8

9.8

14460

6.2

6.9

8.2

14480

5.1

5.8

7.1

1510

4.0

4.7

6.0

1520

2.8

3.5

4.8

15736.57 RT.

18

2.5

3.8

15450

1.2

1.8

2.2

15725

4.4

4.5

6.9

1640

2.2

2.9

5.4

16425

2.1

2.3

4.1

16450

1.2

1.9

2.3

Vadnais Blvd. S.

Distances out to Wall.

Crampton.

2642.57

sta.

Rt.
Dist from &c

+52 Approx End Wall. - 33.0

16 32.9'

+36.97 = P.T. 32.9

15 +00 33.30

+50 33.45'

+25' - 33.6'

14 +23 Approx. Beg. Wall. -

586E

Vadmais Wall

9-17-41

HAW

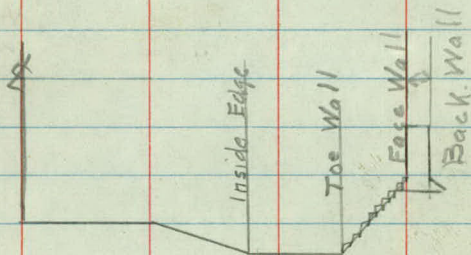
AM

CH

L.L.

Note Form Align same as
Vadnais Wall Bk. 12 Dr 12

X Section of Wall



Coping is 2.3' Wide

Sta	£	Inside Edge	Toe Wall	Face Wall	Back Wall
+ 52	End Wall	23.05'		31.00'	33.00'
+ 40		22.50'	30.30'	30.95'	33.00'
+ 20		21.70	27.65'	30.85'	32.95'
16		20.25'	25.35'	30.75'	32.90'
+ 80		18.50	23.25'	30.65'	32.80
+ 60		16.90'	21.95'	30.55'	32.75'
+ 36.97	P.T.	15.40'	20.65'	30.60'	32.90'
+ 20		17.00'	22.15'	31.00'	33.28'
15+00		18.40'	23.75'	31.10'	33.22'
+ 80		19.90	25.10'	31.20'	33.50'
+ 60		21.00'	25.90'	30.90'	33.15'
+ 40		21.80'	27.60'	31.40'	33.50'
14+23	Beg. Wall	22.00'	28.50'	31.45'	33.50'

