

VIEWERS' REPORT

—IN—

DITCH PROCEEDINGS.

Ditch 36

No. 686.—Pioneer Press Co., St. Paul, Minn.

Filed May 20<sup>th</sup> 1899  
Selden Mc Gaffey  
Co. Auditor

149

124

149 35

7 51

124 34

EXHIBIT I OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No of Cubic Yards Removed and Cost of same, in Ditch No. 36 Main Line

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD
Between Stake No. <u>0</u>	<u>2.3</u>	<u>2 ft</u>	<u>5.4</u>		
and Stake No. <u>1</u>	<u>2.4</u>		<u>5.6</u>	<u>33</u>	
<u>2</u>	<u>2.5</u>	"	<u>5.7</u>	<u>35</u>	
<u>3</u>	<u>2.3</u>	"	<u>5.4</u>	<u>34</u>	
<u>4</u>	<u>1.3</u>	"	<u>3.9</u>	<u>23</u>	
<u>5</u>	<u>0.5</u>	"	<u>2.7</u>	<u>9</u>	
<u>6</u>	<u>1.0</u>	"	<u>3.5</u>	<u>7</u>	
<u>7</u>	<u>0.3</u>	"	<u>2.4</u>	<u>5</u>	
<u>8</u>	<u>0.3</u>	"	<u>2.4</u>	<u>5</u>	
<u>9</u>	<u>0.3</u>	"	<u>2.4</u>	<u>5</u>	
<u>10</u>	<u>3.0</u>	"	<u>6.5</u>	<u>18+20</u>	
<u>11</u>	<u>3.0</u>	"	<u>6.5</u>	<u>47</u>	
<u>12</u>	<u>5.1</u>	"	<u>9.6</u>	<u>77</u>	
<u>13</u>	<u>3.6</u>	"	<u>7.4</u>	<u>85</u>	
<u>14</u>	<u>3.2</u>	"	<u>6.8</u>	<u>57</u>	
<u>15</u>	<u>3.5</u>	"	<u>7.2</u>	<u>56</u>	
<u>16</u>	<u>3.3</u>	"	<u>6.9</u>	<u>57</u>	
<u>17</u>	<u>3.2</u>	"	<u>6.8</u>	<u>53</u>	
<u>18</u>	<u>7.1</u>	"	<u>16.2</u>	<u>144</u>	
<u>+50</u>	<u>7.3</u>	"	<u>16.6</u>	<u>229</u>	
<u>19</u>	<u>5.9</u>		<u>13.8</u>	<u>37</u>	
				<u>373</u>	
<i>Totals</i>					

\$ 7 per cu yd  
 0 to 17 = 7  
 " " 19 = 9

606

EXHIBIT 1 OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of same, in Ditch No. *36 Main Line*

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD
Between Stake No. <i>20</i>	<i>3.3</i>	<i>2 ft</i>	<i>8.6</i>	<i>112</i>	<i>All \$ 1/2 per yard</i>
and Stake No. <i>21</i>	<i>3.8</i>		<i>9.6</i>	<i>73</i>	
<i>22</i>	<i>3.8</i>	"	<i>9.6</i>	<i>81</i>	
<i>23</i>	<i>3.2</i>	"	<i>8.4</i>	<i>71</i>	
<i>24</i>	<i>3.3</i>	"	<i>8.6</i>	<i>63</i>	
<i>25</i>	<i>3.0</i>	"	<i>8.0</i>	<i>60</i>	
<i>26</i>	<i>3.7</i>	"	<i>9.4</i>	<i>67</i>	
<i>27</i>	<i>2.7</i>	"	<del><i>5.9</i></del>	<i>59</i>	
<i>28</i>	<i>2.6</i>	"	<del><i>5.9</i></del>	<i>39</i>	
<i>29</i>	<i>2.7</i>	"	<del><i>6.0</i></del>	<i>39</i>	
<i>30</i>	<i>2.4</i>	"	<i>5.6</i>	<i>37</i>	
<i>31</i>	<i>2.4</i>	"	<i>5.6</i>	<i>34</i>	
<i>32</i>	<i>2.5</i>	"	<i>5.7</i>	<i>35</i>	
<i>33</i>	<i>2.7</i>	"	<i>6.0</i>	<i>38</i>	
<i>34</i>	<i>2.4</i>	"	<i>5.6</i>	<i>37</i>	
<i>35</i>	<i>2.2</i>	"	<i>5.3</i>	<i>32</i>	
<i>36</i>	<i>2.1</i>	"	<i>5.2</i>	<i>29</i>	
<i>37</i>	<i>2.3</i>	"	<i>5.6</i>	<i>30</i>	
<i>38</i>	<i>2.2</i>	"	<i>5.3</i>	<i>31</i>	
<i>39</i>	<i>2.2</i>	"	<i>5.3</i>	<i>30</i>	
				<i>537</i>	
				<i>997</i>	
				<i>88</i>	
					<i>Totals</i>

EXHIBIT 1 OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of same, in Ditch No. 36 Main Line

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD
Between Stake No. <u>40</u>	<u>2.3</u>	<u>2 1/2 ft</u>	<u>5.5</u>	<u>31</u>	<u>All 8 1/2 Cents per cubic yard</u>
and Stake No. <u>41</u>	<u>2.5</u>		<u>5.7</u>	<u>34</u>	
<u>42</u>	<u>2.6</u>	"	<u>5.9</u>	<u>37</u>	
<u>43</u>	<u>2.1</u>	"	<u>5.2</u>	<u>33</u>	
<u>44</u>	<u>2.0</u>	"	<u>5.0</u>	<u>27</u>	
<u>45</u>	<u>2.1</u>	"	<u>5.2</u>	<u>27</u>	
<u>46</u>	<u>2.0</u>	"	<u>5.0</u>	<u>27</u>	
<u>47</u>	<u>2.0</u>	"	<u>5.0</u>	<u>26</u>	
<u>48</u>	<u>2.2</u>	"	<u>5.3</u>	<u>28</u>	
<u>49</u>	<u>2.0</u>	"	<u>5.0</u>	<u>28</u>	
<u>50</u>	<u>2.2</u>	"	<u>5.3</u>	<u>28</u>	
<u>51</u>	<u>2.3</u>	"	<u>5.5</u>	<u>31</u>	
<u>52</u>	<u>2.0</u>	"	<u>5.0</u>	<u>29</u>	
<u>53</u>	<u>2.0</u>	"	<u>5.0</u>	<u>26</u>	
<u>54</u>	<u>2.2</u>	"	<u>5.3</u>	<u>28</u>	
<u>55</u>	<u>2.4</u>	"	<u>5.6</u>	<u>32</u>	
<u>56</u>	<u>2.3</u>	"	<u>5.5</u>	<u>33</u>	
<u>57</u>	<u>2.1</u>	"	<u>5.2</u>	<u>29</u>	
<u>58</u>	<u>2.0</u>	"	<u>5.0</u>	<u>27</u>	
<u>59</u>	<u>1.8</u>	"	<u>4.7</u>	<u>25</u>	
				<u>586</u>	
				"	
					<u>Totals</u>

EXHIBIT 1 OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of same, in Ditch No. 36 Main Line

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD
Between Stake No. <u>60</u>	<u>1.9</u>	<u>2 ft</u>	<u>4.9</u>	<u>24</u>	<u>All 8 1/2 Cents per yard</u>
and Stake No. <u>61</u>	<u>1.9</u>		<u>4.9</u>	<u>25</u>	
<u>62</u>	<u>2.0</u>	"	<u>5.0</u>	<u>25</u>	
<u>63</u>	<u>2.1</u>	"	<u>5.2</u>	<u>27</u>	
<u>64</u>	<u>2.4</u>	"	<u>5.6</u>	<u>19</u>	
<u>65</u>	<u>2.3</u>	"	<u>5.5</u>	<u>11</u>	
<u>66</u>	<u>2.0</u>	"	<u>5.0</u>	<u>8</u>	
<u>67</u>	<u>1.8</u>	"	<u>4.7</u>	<u>5</u>	
<u>68</u>	<u>1.7</u>	"	<u>4.5</u>	<u>5</u>	
<u>69</u>	<u>1.6</u>	"	<u>4.4</u>	<u>5</u>	
<u>70</u>	<u>1.7</u>	"	<u>4.5</u>	<u>5</u>	
<u>71</u>	<u>2.1</u>	"	<u>5.2</u>	<u>5</u>	
<u>72</u>	<u>2.0</u>	"	<u>5.0</u>	<u>7</u>	
<u>73</u>	<u>2.1</u>	"	<u>5.2</u>	<u>9</u>	
<u>74</u>	<u>2.3</u>	"	<u>5.5</u>	<u>11</u>	
<u>75</u>	<u>2.1</u>	"	<u>5.2</u>	<u>12</u>	
<u>76</u>	<u>2.2</u>	"	<u>5.3</u>	<u>11</u>	
<u>77</u>	<u>2.0</u>	"	<u>5.0</u>	<u>10</u>	
<u>78</u>	<u>2.0</u>	"	<u>5.0</u>	<u>6</u>	
<u>79</u>	<u>2.3</u>	"	<u>5.5</u>	<u>11</u>	
				<u>2419</u>	
					<i>Totals</i>

EXHIBIT 1 OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of same, in Ditch No. 36 Main Line

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD
Between Stake No. <u>80</u>	<u>1.7</u>	<u>2 ft</u>	<u>4.5</u>	<u>8</u>	All $8\frac{1}{2}$ cents per yd
and Stake No. <u>81</u>	<u>2.0</u>		<u>5.0</u>	<u>5</u>	
<u>82</u>	<u>2.1</u>	"	<u>5.2</u>	<u>6</u>	
<u>83</u>	<u>1.6</u>	"	<u>4.4</u>	<u>9</u>	
<u>84</u>	<u>1.8</u>	"	<u>4.7</u>	<u>9</u>	
Work ends = <u>85</u>	<u>2.3</u>	"	<u>5.5</u>	<u>5</u>	
<u>86</u>	<u>1.2</u>	"	<u>3.8</u>	<u>5</u>	
<u>Total Estimated</u>				<u>59</u>	
<u>Main Line =</u>				<u>\$ 2,544.34</u>	
<u>Branch No 1 =</u>				<u>42.66</u>	
<u>" " 2 =</u>				<u>46.15</u>	
<u>" " 3 =</u>				<u>23.46</u>	
				<u>\$ 366.61</u>	
<u>Estimate Main Line</u> <u>1863 yds Ex @ <math>8\frac{1}{2}</math> = \$158.35</u> <u>606 " " " = 42.42</u> <u>373 " " " = 33.57</u> <u>Bridges @ <math>18\frac{1}{2}</math> = 12.00</u> <u>" " " " = 8.00</u> <u>\$ 254.34</u>					
Totals					

EXHIBIT 1 OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of same, in Ditch No. 36

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD	
Between Stake No. .... and Stake No. ....						
<u>Total Estimate of Cost</u>						
Cost of Construction					\$ 366 61	
" " Location					95 80	
" " Auditin fur					10 00	
" " Shiffs "					9 00	
" " Printers "					20 00	
" " Register "					2.00	
Total =					<u>\$ 503 41</u>	
						<i>Totals</i>

EXHIBIT 1 OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of same, in Ditch No. 36 Branch no 1

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD				
Between Stake No. <u>0</u>	<u>2.2</u>	<u>Left</u>	<u>5.3</u>		<u>All at 8 1/2 Cents per yd</u>				
and Stake No. <u>1</u>	<u>2.2</u>		<u>5.3</u>	<u>30</u>		<u>Estimated Branch no 1</u>			
<u>2</u>	<u>2.4</u>		<u>5.6</u>	<u>32</u>			<u>396 yds Ex @ 8 1/2 = \$33.66</u>		
<u>3</u>	<u>2.3</u>		<u>5.5</u>	<u>33</u>				<u>Bridge at 10+50 = 9.00</u>	
<u>4</u>	<u>2.2</u>		<u>5.4</u>	<u>31</u>					<u>\$42.66</u>
<u>5</u>	<u>2.4</u>		<u>5.6</u>	<u>32</u>					
<u>6</u>	<u>2.3</u>		<u>5.5</u>	<u>33</u>					
<u>7</u>	<u>2.1</u>		<u>5.2</u>	<u>30</u>					
<u>8</u>	<u>1.9</u>		<u>4.9</u>	<u>5</u>					
<u>9</u>	<u>1.8</u>		<u>4.7</u>	<u>5</u>					
<u>10</u>	<u>1.7</u>		<u>4.5</u>	<u>5</u>					
<u>11</u>	<u>1.8</u>		<u>4.7</u>	<u>5</u>					
<u>12</u>	<u>1.9</u>		<u>4.9</u>	<u>24</u>					
<u>13</u>	<u>1.9</u>		<u>4.9</u>	<u>25</u>					
<u>14</u>	<u>1.9</u>		<u>4.9</u>	<u>25</u>					
<u>15</u>	<u>2.1</u>		<u>5.2</u>	<u>26</u>					
<u>16</u>	<u>2.3</u>		<u>5.5</u>	<u>30</u>					
<u>+78</u>	<u>2.3</u>	<u>5.5</u>	<u>25</u>						
			<u>396</u>		<u>Totals</u>				



EXHIBIT 1 OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of same, in Ditch No. 36 Branch No 2

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD
Between Stake No. <u>0</u>	<u>1.9</u>	<u>2 ft</u>	<u>4.8</u>	<u>27</u>	<u>Estimate Branch 2</u> <u>282 yds @ 6<sup>0</sup> = \$16.92</u> <u>237 " " 8 1/2 = 20.03</u> <u>Bridge at Sta 17 = \$46.15</u>
and Stake No. <u>1</u>	<u>2.2</u>		<u>5.3</u>	<u>27</u>	
<u>2</u>	<u>2.1</u>	<u>"</u>	<u>5.2</u>	<u>28</u>	
<u>3</u>	<u>2.1</u>	<u>"</u>	<u>5.2</u>	<u>28</u>	
<u>4</u>	<u>1.9</u>	<u>"</u>	<u>4.8</u>	<u>26</u>	
<u>5</u>	<u>2.1</u>	<u>"</u>	<u>5.2</u>	<u>26</u>	
<u>6</u>	<u>2.1</u>	<u>"</u>	<u>5.2</u>	<u>28</u>	
<u>7</u>	<u>2.1</u>	<u>"</u>	<u>5.2</u>	<u>28</u>	
<u>8</u>	<u>2.4</u>	<u>"</u>	<u>5.6</u>	<u>31</u>	
<u>9</u>	<u>2.1</u>	<u>"</u>	<u>5.2</u>	<u>31</u>	
<u>10</u>	<u>2.2</u>	<u>"</u>	<u>5.3</u>	<u>29</u>	
<u>11</u>	<u>2.4</u>	<u>"</u>	<u>5.6</u>	<u>32</u>	
<u>12</u>	<u>2.1</u>	<u>"</u>	<u>5.2</u>	<u>31</u>	
<u>13</u>	<u>1.9</u>	<u>"</u>	<u>4.8</u>	<u>26</u>	
<u>14</u>	<u>1.9</u>	<u>"</u>	<u>4.8</u>	<u>5</u>	
<u>15</u>	<u>2.0</u>	<u>"</u>	<u>5.0</u>	<u>55</u>	
<u>16</u>	<u>2.0</u>	<u>"</u>	<u>5.0</u>	<u>55</u>	
<u>17</u>	<u>2.0</u>	<u>"</u>	<u>5.0</u>	<u>55</u>	
<u>18</u>	<u>1.9</u>	<u>"</u>	<u>4.8</u>	<u>25</u>	
<u>19</u>	<u>1.5</u>	<u>"</u>	<u>4.2</u>	<u>22</u>	
<u>20</u>	<u>1.9</u>	<u>"</u>	<u>4.8</u>	<u>22</u>	
<u>21</u>	<u>2.3</u>	<u>"</u>	<u>5.5</u>	<u>29</u>	
<u>x 90</u>	<u>2.4</u>	<u>"</u>	<u>5.6</u>	<u>30</u>	
				<u>237</u>	
<u>Totals</u>					

Sta 0 to Sta 10 = 6 per yd  
 " " 10 to Sta 21 = 8 1/2 "

Estimate Branch 2  
 282 yds @ 6<sup>0</sup> = \$16.92  
 237 " " 8 1/2 = 20.03  
 Bridge at Sta 17 = \$46.15

EXHIBIT 1 OF VIEWERS' REPORT IN DITCH PROCEEDINGS, Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of same, in Ditch No. 36 Brant 3

SECTION	DEPTH OF CUT	WIDTH OF CUT AT BOTTOM	WIDTH OF CUT AT TOP	NO. OF CUBIC YARDS REMOVED	ESTIMATED COST PER CUBIC YARD
Between Stake No. <u>0</u>	<u>2.1</u>	<u>2 ft</u>	<u>5.2</u>		<u>All @ 8 1/2 Cents per cu yd</u>
and Stake No. <u>1</u>	<u>2.2</u>		<u>5.3</u>	<u>29</u>	
<u>2</u>	<u>2.3</u>	"	<u>5.5</u>	<u>31</u>	
<u>3</u>	<u>2.0</u>	"	<u>5.0</u>	<u>29</u>	
<u>4</u>	<u>2.0</u>	"	<u>5.0</u>	<u>26</u>	
<u>5</u>	<u>1.9</u>	"	<u>4.9</u>	<u>25</u>	
<u>6</u>	<u>1.8</u>	"	<u>4.7</u>	<u>24</u>	
<u>7</u>	<u>2.0</u>	"	<u>5.0</u>	<u>25</u>	
<u>8</u>	<u>2.1</u>	"	<u>5.2</u>	<u>27</u>	
<u>9</u>	<u>2.4</u>	"	<u>5.6</u>	<u>31</u>	
<u>10</u>	<u>1.9</u>	"	<u>4.9</u>	<u>29</u>	
				<u>276</u>	
					<u>Estimated Brant No 3 \$ 2.346</u>
					<u>276 Cys @ 8 1/2 = 2346</u>
					<u>Totals</u>