
VIEWERS' REPORT

— IN —

DITCH PROCEEDINGS.

Ditch No 32
Main Line
Estimated Cost
\$ 964.39

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

Total Cost of
Construction =
\$ 4507.34

Filed July 11th 1898
G. W. Putnam
County Auditor

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. *32* 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>0</i>					
and Stake No. <i>1</i>					
<i>2</i>					✓
<i>3</i>					✓
<i>4</i>					✓
<i>5</i>					✓
<i>6</i>					✓
<i>7</i>					✓
<i>8</i>					✓
<i>9</i>					✓
<i>10</i>					✓
<i>11</i>					✓
<i>12</i>					✓
<i>+50</i>	<i>1.8</i>	<i>2 ft</i>	<i>4.7</i>		✓
<i>13</i>	<i>1.8</i>	<i>"</i>	<i>4.7</i>	<i>12</i>	✓
<i>14</i>	<i>1.8</i>	<i>"</i>	<i>4.7</i>	<i>23</i>	✓
<i>15</i>	<i>2.3</i>	<i>"</i>	<i>5.5</i>	<i>27</i>	✓
<i>16</i>	<i>2.3</i>	<i>"</i>	<i>5.5</i>	<i>32</i>	✓
<i>17</i>	<i>2.1</i>	<i>"</i>	<i>5.1</i>	<i>30</i>	✓
<i>18</i>	<i>2.3</i>	<i>"</i>	<i>5.5</i>	<i>30</i>	✓
				<i>154</i>	
				<i>1</i>	
					<i>Totals</i>

No work to be done from Sta 0 to Sta 12.50

Dem (7) Cut per gal

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. *32 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>19</i>	<i>2.3</i>	<i>2 ft</i>	<i>5.4</i>	<i>32</i>	✓
and Stake No. <i>20</i>	<i>2.2</i>	"	<i>5.3</i>	<i>31</i>	✓
<i>21</i>	<i>2.2</i>	"	<i>5.3</i>	<i>30</i>	✓
<i>22</i>	<i>2.4</i>	"	<i>5.6</i>	<i>32</i>	✓
<i>23</i>	<i>2.3</i>	"	<i>5.4</i>	<i>33</i>	✓
<i>24</i>	<i>2.3</i>	"	<i>5.4</i>	<i>32</i>	✓
<i>25</i>	<i>2.3</i>	"	<i>5.4</i>	<i>32</i>	✓
<i>26</i>	<i>2.2</i>	"	<i>5.3</i>	<i>31</i>	✓
<i>27</i>	<i>2.3</i>	"	<i>5.4</i>	<i>31</i>	✓
<i>28</i>	<i>2.2</i>	"	<i>5.3</i>	<i>31</i>	✓
<i>29</i>	<i>2.2</i>	"	<i>5.4</i>	<i>30</i>	✓
<i>30</i>	<i>2.2</i>	"	<i>5.4</i>	<i>30</i>	✓
<i>31</i>	<i>2.3</i>	"	<i>5.4</i>	<i>31</i>	✓
<i>32</i>	<i>2.2</i>	"	<i>5.3</i>	<i>31</i>	✓
<i>33</i>	<i>2.2</i>	"	<i>5.3</i>	<i>30</i>	✓
<i>34</i>	<i>2.5</i>	"	<i>5.7</i>	<i>33</i>	✓
<i>35</i>	<i>2.3</i>	<i>4 feet</i>	<i>7.4</i>	<i>42</i>	✓
<i>36</i>	<i>2.3</i>	"	<i>7.4</i>	<i>49</i>	✓
<i>37</i>	<i>2.1</i>	"	<i>7.1</i>	<i>46</i>	✓
<i>38</i>	<i>2.3</i>	"	<i>7.4</i>	<i>46</i>	✓
				<i>6834</i>	
					Totals

Even 7/ Center yard

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. 32 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>39</u>	<u>3.3</u>	<u>4 feet</u>	<u>8.9</u>	<u>5</u>	✓
and Stake No. <u>40</u>	<u>3.0</u>		<u>8.5</u>	<u>5</u>	✓
<u>41</u>	<u>3.3</u>	"	<u>8.9</u>	<u>5</u>	✓
<u>42</u>	<u>3.7</u>		<u>9.5</u>	<u>5</u>	✓
<u>43</u>	<u>3.3</u>	"	<u>8.9</u>	<u>14</u>	✓
<u>44</u>	<u>3.8</u>		<u>9.7</u>	<u>30</u>	✓
<u>45</u>	<u>4.4</u>	<u>4</u>	<u>10.6</u>	<u>50</u>	✓
<u>46</u>	<u>5.1</u>		<u>11.5</u>	<u>69</u>	✓
<u>47</u>	<u>4.9</u>	"	<u>11.3</u>	<u>89</u>	✓
<u>48</u>	<u>3.7</u>		<u>9.5</u>	<u>68</u>	✓
<u>49</u>	<u>3.5</u>	"	<u>9.2</u>	<u>37</u>	✓
<u>50</u>	<u>3.6</u>		<u>9.4</u>	<u>34</u>	✓
<u>51</u>	<u>3.4</u>	"	<u>9.1</u>	<u>37</u>	✓
<u>52</u>	<u>4.2</u>		<u>10.3</u>	<u>56</u>	✓
<u>53</u>	<u>4.0</u>	"	<u>10.0</u>	<u>72</u>	✓
<u>725</u>	<u>5.0</u>		<u>11.5</u>	<u>111</u>	✓
<u>54</u>	<u>3.7</u>	"	<u>9.5</u>	<u>117</u>	✓
<u>55</u>	<u>3.6</u>		<u>9.4</u>	<u>91</u>	✓
<u>56</u>	<u>3.5</u>	"	<u>9.2</u>	<u>88</u>	✓
<u>57</u>	<u>3.5</u>		<u>9.2</u>	<u>86</u>	✓
				<u>1069</u>	
				<u>89</u>	
					Totals

All down (7) Center per yard

505

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. 32 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>58</u>	<u>3.5</u>	<u>4 ft</u>	<u>9.2</u>	<u>86</u>	✓
and Stake No. <u>59</u>	<u>3.6</u>		<u>9.4</u>	<u>88</u>	✓
<u>60</u>	<u>3.7</u>	"	<u>9.5</u>	<u>91</u>	✓
<u>61</u>	<u>3.7</u>	"	<u>9.5</u>	<u>93</u>	✓
<u>62</u>	<u>3.3</u>	"	<u>8.9</u>	<u>86</u>	✓
<u>63</u>	<u>3.2</u>	"	<u>8.8</u>	<u>78</u>	✓
<u>64</u>	<u>3.1</u>	"	<u>8.6</u>	<u>74</u>	✓
<u>65</u>	<u>3.1</u>	"	<u>8.6</u>	<u>73</u>	✓
<u>66</u>	<u>3.4</u>	"	<u>9.1</u>	<u>78</u>	✓
<u>67</u>	<u>3.3</u>	"	<u>8.9</u>	<u>81</u>	✓
<u>68</u>	<u>3.6</u>	"	<u>9.4</u>	<u>84</u>	✓
<u>69</u>	<u>3.7</u>	"	<u>9.5</u>	<u>91</u>	✓
<u>70</u>	<u>3.0</u>	"	<u>8.5</u>	<u>84</u>	✓
<u>71</u>	<u>3.6</u>	"	<u>9.4</u>	<u>79</u>	✓
<u>+ 60</u>	<u>4.4</u>	"	<u>11.1</u>		✓
<u>72</u>	<u>3.3</u>	"	<u>8.9</u>	<u>77</u>	✓
<u>73</u>	<u>3.8</u>	"	<u>9.7</u>	<u>74</u>	✓
<u>74</u>	<u>3.8</u>	"	<u>9.7</u>	<u>78</u>	✓
<u>75</u>	<u>4.3</u>	"	<u>10.4</u>	<u>84</u>	✓
<u>76</u>	<u>4.3</u>	"	<u>10.4</u>	<u>87</u>	✓
				<u>1566</u>	
				<u>9</u>	
					Totals

All Run (7) Curved Run

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. *32 Main Sewer*

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>77</i>	<i>5.1</i>	<i>4 ft</i>	<i>11.6</i>	<i>101</i>	✓
and Stake No. <i>78</i>	<i>4.6</i>		<i>10.9</i>	<i>107</i>	✓
<i>79</i>	<i>4.1</i>	"	<i>10.1</i>	<i>87</i>	✓
<i>80</i>	<i>4.5</i>	"	<i>10.7</i>	<i>85</i>	✓
<i>81</i>	<i>4.4</i>	"	<i>10.6</i>	<i>91</i>	✓
<i>82</i>	<i>4.1</i>	"	<i>10.1</i>	<i>83</i>	✓
<i>83</i>	<i>4.4</i>	"	<i>10.6</i>	<i>83</i>	✓
<i>84</i>	<i>4.3</i>	"	<i>10.4</i>	<i>93</i>	✓
<i>85</i>	<i>3.0</i>	"	<i>8.5</i>	<i>109</i>	✓
<i>86</i>	<i>2.9</i>	"	<i>8.3</i>	<i>49</i>	✓
<i>87</i>	<i>4.2</i>	"	<i>10.3</i>	<i>69</i>	✓
<i>88</i>	<i>3.1</i>	"	<i>8.6</i>	<i>72</i>	✓
<i>89</i>	<i>3.1</i>	"	<i>8.6</i>	<i>58</i>	✓
<i>90</i>	<i>3.1</i>	"	<i>8.6</i>	<i>55</i>	✓
<i>91</i>	<i>3.1</i>	"	<i>8.6</i>	<i>53</i>	✓
<i>92</i>	<i>3.1</i>	"	<i>8.6</i>	<i>51</i>	✓
<i>93</i>	<i>3.2</i>	"	<i>8.8</i>	<i>57</i>	✓
<i>94</i>	<i>3.5</i>	"	<i>9.2</i>	<i>64</i>	✓
<i>95</i>	<i>3.5</i>	"	<i>9.2</i>	<i>68</i>	✓
<i>96</i>	<i>3.0</i>	"	<i>8.5</i>	<i>56</i>	✓
				<i>1491</i>	
				<i>110</i>	
					<i>Totals</i>

All items (7) under per yard

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. 32 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>117</u>	<u>4.6</u>	<u>Huff</u>	<u>10.9</u>	<u>77</u>	✓
and Stake No. <u>8</u>	<u>4.6</u>		<u>10.9</u>	<u>77</u>	✓
<u>9</u>	<u>4.9</u>	"	<u>11.3</u>	<u>75</u>	✓
<u>120</u>	<u>6.7</u>		<u>17.0</u>	<u>124</u>	✓
<u>1</u>	<u>8.8</u>	"	<u>21.6</u>	<u>228</u>	✓
<u>2</u>	<u>8.5</u>		<u>21.0</u>	<u>271</u>	✓
<u>3</u>	<u>9.9</u>	"	<u>23.8</u>	<u>300</u>	✓
<u>4</u>	<u>9.0</u>		<u>22.0</u>	<u>298</u>	✓
<u>5</u>	<u>6.6</u>	"	<u>17.2</u>	<u>210</u>	✓
<u>6</u>	<u>6.9</u>		<u>17.8</u>	<u>167</u>	✓
<u>7</u>	<u>6.1</u>	"	<u>16.2</u>	<u>149</u>	✓
<u>8</u>	<u>6.5</u>		<u>17.0</u>	<u>139</u>	✓
<u>9</u>	<u>6.4</u>	"	<u>16.8</u>	<u>135</u>	✓
<u>190</u>	<u>7.1</u>		<u>18.2</u>	<u>132</u>	✓
<u>1</u>	<u>7.2</u>	"	<u>18.4</u>	<u>144</u>	✓
<u>2</u>	<u>7.1</u>		<u>18.2</u>	<u>156</u>	✓
<u>3</u>	<u>6.4</u>	"	<u>16.8</u>	<u>142</u>	✓
<u>4</u>	<u>6.7</u>		<u>17.4</u>	<u>154</u>	✓
<u>5</u>	<u>4.8</u>	"	<u>13.2</u>	<u>120</u>	✓
<u>* 70</u>	<u>4.8</u>		<u>11.2</u>	<u>50</u>	✓
				<u>3148</u>	
					<i>Totals</i>

All Mine (9) Centepenny

Note

No work to be done on Main Line Sta 135+70 to 190 — being Branch 13 and Branch 12 from 150 to 184. in line thereof —

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. 32 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>208</u>	<u>3.0</u>	<u>4 ft</u>	<u>10.0</u>	<u>52</u>	✓
and Stake No. <u>9</u>	<u>2.9</u>		<u>9.8</u>	<u>32</u>	
<u>210</u>	<u>3.9</u>	"	<u>11.8</u>	<u>43</u>	✓
<u>440</u>	<u>4.6</u>	"	<u>13.2</u>	<u>11</u>	✓
<u>1</u>	<u>4.1</u>	"	<u>12.2</u>	<u>42</u>	✓
<u>2</u>	<u>4.0</u>	"	<u>12.0</u>	<u>17</u>	✓
<u>3</u>	<u>6.1</u>	"	<u>16.2</u>	<u>28</u>	✓
<u>4</u>	<u>4.2</u>	"	<u>12.4</u>	<u>27</u>	✓
<u>5</u>	<u>4.8</u>	"	<u>13.6</u>	<u>45</u>	✓
<u>6</u>	<u>4.4</u>	"	<u>12.8</u>	<u>83</u>	✓
<u>7</u>	<u>3.9</u>	"	<u>11.8</u>	<u>66</u>	✓
<u>8</u>	<u>3.1</u>	"	<u>10.2</u>	<u>35</u>	✓
<u>9</u>	<u>3.9</u>	"	<u>11.8</u>	<u>35</u>	✓
<u>220</u>	<u>2.8</u>	"	<u>9.6</u>	<u>30</u>	✓
<u>1</u>	<u>2.3</u>	"	<u>8.6</u>	<u>13</u>	✓
<u>2</u>	<u>2.6</u>	"	<u>9.2</u>	<u>10</u>	✓
<u>3</u>	<u>1.8</u>	"	<u>7.6</u>	<u>13</u>	✓
<u>4</u>	<u>2.0</u>	"	<u>8.0</u>	<u>42</u>	✓
<u>5</u>	<u>0.3</u>	"	<u>4.6</u>	<u>22</u>	✓
<u>730</u>	<u>11.1</u>	"	<u>11.1</u>	<u>5</u>	✓
				<u>640</u>	

All Eight (8) Cuts Spunged

Estimated Main Line

6405 yds @ 7¢ = 448.35
2484 " " 8¢ = 198.72
3148 " " 9¢ = 283.32
Brigs etc 53 = 17.11
" " 190 = 17.00
5964.39

Totals