

No 41

EXHIBIT 3.

Engineer's Report
IN
Ditch Proceedings.
Ditch No 41.

Filed April 11th 1904
Selden M. Giffey
Co. Auditor

Off 41

Exhibit 3 of Engineer's Report in Ditch Proceedings.

Showing Time and Manner in which same must be done. Ditch No. 41
Main ditch

| SECTION | TIME WITHIN WHICH WORK MUST BE DONE | MANNER IN WHICH WORK MUST BE DONE | MATERIALS USED | COST OF MATERIALS AND WORK |
|--|---|---|----------------|----------------------------|
| Stake No. <u>0</u> TO Stake No. <u>19</u> | No work to be completed Dec 1, 1904. | | | |
| Stake No. <u>19</u> TO Stake No. <u>20+24</u> | Clean out & enlarge of ditch cut side of all old ditches & a slope of 1 1/2'. | Finished Dec 1, 1904 | | |
| Stake No. <u>20+24</u> TO <u>21-00</u> Stake No. <u>20+24</u> | Cut new ditch across road on line as now laid out & near old bridge & new location filling ditch at old location bridge 6 ft span in clear. | | | |
| Stake No. <u>21-00</u> TO Stake No. <u>21-00</u> | 9 plank 3" thick & 16' long 5 strings flat on 1 side at least 8" laid on in well. | Material on job to be used in new location & material now required, to be furnished | | \$10.00 |
| Stake No. <u>21-00</u> TO Stake No. <u>21-00</u> | Finished Dec 1, 1904. | | | |
| Stake No. <u>21</u> TO Stake No. <u>36+38</u> | Clean out old ditch & slope side & a 1 1/2' slopes | | | |
| Stake No. <u>36+38</u> TO Stake No. <u>36+38</u> | Finished by Dec 1, 1904. | | | |
| Stake No. <u>36+38</u> TO Stake No. <u>36+38</u> | All cuts on old ditch to be taken from level of meadow & not from grade of ditch. | | | |
| Stake No. <u>36+38</u> TO Stake No. <u>36+38</u> | All new ditch. | | | |
| Stake No. <u>36+38</u> TO Stake No. <u>36+38</u> | Finished by Dec 1, 1904. | | | |
| Stake No. <u>185</u> TO Stake No. <u>209+16</u> | Old ditch to be cleaned out, enlarged & side sloped. Cuts from meadow level. | | | |
| Stake No. <u>209+16</u> TO Stake No. <u>209+16</u> | Can't all places where sharp bend occurs. | | | |

N.B. All station stakes to be moved to side of ditch & left for engineers use.

Exhibit 2 of Engineer's Report in Ditch Proceedings.

Showing Time and Manner in which same must be done. Ditch No. 41
Main Ditch

| SECTION | TIME WITHIN WHICH WORK MUST BE DONE | MANNER IN WHICH WORK MUST BE DONE | MATERIALS USED | COST OF MATERIALS AND WORK |
|--|-------------------------------------|---|----------------|----------------------------|
| Stake No. 209+16 TO Stake No. 209+32 | | (See 1, 1904) Bridge on Central Avenue Road clear span of 15 ft. 5 stringers not less than 12" diameter & flat on one side at least 8", laid on mud walls wherehan to be built up from bottom of ditch so as to prevent wash from sliding in. 18 planks 3"x12"x16 ft. long No. 1 material. All good material in present bridge to be used again | | \$25 00 |
| Stake No. 257 TO Stake No. 257 | | Old ditch to be cleaned out enlarged & made sloped to a 1 to 1 slope. Center of old ditch to be center of new except when sharp bends occur, & wherehan to be curved. Cuts to be taken from middle of road. Finished by Dec. 1, 1904. | | |
| Stake No. 257 TO Stake No. 262 | | New ditch through sand cut corner with two & bank. (Slopes 1 to 1.) Material where convenient to be deposited in old ditch so as to prevent water from taking old channel. Ditching of 6 ft. to be clear of two or bank finished by Dec. 1, 1904. | | |
| Stake No. 262 TO Stake No. 287 | | Old ditch clean enlarged & made sloped to a slope of 1 to 1. (See 270 & 274 new ditch) Finished by Dec. 1, 1904. | | |
| Stake No. 287 TO Stake No. 302+16 | | New ditch. Material to be thrown into old channel as much as convenient. Center line given on all new work & cut taken from foot of stakes. Finished by Dec. 1, 1904. | | |
| Stake No. 302+16 TO Stake No. 302+76 | | Bridges at N. line of Town of Blaine same as at Sta. 209+24. Clear span of 16.0 All good material in old bridge to be used again. | | \$25 00 |

N.B. All station stakes to be moved to side of ditch & left for Engineer's use.

Exhibit 2 of Engineer's Report in Ditch Proceedings.

Showing Time and Manner in which same must be done. Ditch No. 41
Main Ditch

| SECTION | TIME WITHIN WHICH WORK MUST BE DONE | MANNER IN WHICH WORK MUST BE DONE | MATERIALS USED | COST OF MATERIALS AND WORK |
|---|-------------------------------------|---|----------------|----------------------------|
| Stake No. 302+75 TO Stake No. 335+76. | | Clearing out enlarging & straightening bend creek bottom by line of Blaine's & Bunker Jakes Road. When break's bars are near the ditch a few bars of 6 ft. to be kept clear. | | |
| Stake No. 335+76 TO Stake No. 335+76 | | Bridges at Bunker Jakes Road built as at Sta. 302+68. | | |
| Stake No. 335+76 TO Stake No. 344 | | Clear spans of 170 ft. 20 planks 3" thick x 12" x 16 ft. of heavy Pine wood material in present bridge to be moved. | | \$2500 |
| Stake No. 344 TO Stake No. 359 | | Finished before Dec 1, 1904 | | |
| Stake No. 359 TO Stake No. 359 | | Clearing out enlarging & straightening Sand Creek. Slopes 1 to 1. | | |
| Stake No. 359 TO Stake No. 359 | | Finished before Dec 1, 1904. | | |
| Stake No. 359 TO Stake No. 359 | | Wider ditch in the general direction of Sand Creek. Cross over several times. Two x bank to be cleared from bottom to a width of 6 ft. Material to be thrown into old bed of creek so as to form a dike & prevent water from taking it old course & left in a 1 to 1 slope to a distance of at least 10 ft from outside of new line of ditch. | | |
| Stake No. 359 TO Stake No. 359 | | Finished by Dec 1, 1904. | | |
| Stake No. 359 TO Stake No. 359 | | | | |
| Stake No. 359 TO Stake No. 359 | | | | |

N.B. All station stakes to be moved & side of ditch kept for engineers use.

Exhibit 3 of Engineer's Report in Ditch Proceedings.

Showing Time and Manner in which same must be done. Ditch No. 41
Barrel No. 1 to No. 3.

| SECTION | TIME WITHIN WHICH WORK MUST BE DONE | MANNER IN WHICH WORK MUST BE DONE | MATERIALS USED | COST OF MATERIALS AND WORK |
|---|--|-----------------------------------|----------------|----------------------------|
| <p><u>Barrel No. 1</u></p> <p>Stake No. <u>0</u> TO Stake No. <u>42</u></p> | <p><u>Two ditches</u></p> <p><u>Finished by Dec. 1, 1904.</u></p> | | | |
| <p><u>Barrel No. 2</u></p> <p>Stake No. <u>0</u> TO Stake No. <u>28+25</u></p> | <p><u>New ditch</u></p> <p><u>Finished by Dec. 1, 1904.</u></p> | | | |
| <p><u>Barrel No. 3</u></p> <p>Stake No. <u>0</u> TO Stake No. <u>16</u></p> | <p><u>New work</u></p> <p><u>Finished by Dec. 1, 1904.</u></p> | | | |
| <p>Stake No. <u>16</u> TO Stake No. <u>36+39</u></p> | <p><u>Clearing out enlarging & sloping</u></p> <p><u>sides of old ditch. Steps 1 & 1.</u></p> <p><u>Finished by Dec. 1, 1904.</u></p> | | | |
| <p>Stake No. <u>36+39</u> TO Stake No. <u> </u></p> | <p><u>Bridge across Road.</u></p> <p><u>6 ft clear span</u></p> <p><u>5 stringers not less than 12" x flat on</u></p> <p><u>one side not less than 8 inches laid on</u></p> <p><u>under sill & be built up from bottom of</u></p> <p><u>ditch so as to prevent banks from falling</u></p> <p><u>into the ditch. 16 ft long. of No. 1 Norway</u></p> <p><u>9 planks 3" x 12" x 16 ft. All good material in old bridge</u></p> <p><u>may be used in new one.</u></p> <p><u>Finished by Dec. 1, 1904.</u></p> | | | |
| <p>Stake No. <u> </u> TO Stake No. <u> </u></p> | | | | |
| <p>Stake No. <u>36+39</u> TO Stake No. <u>103+46</u></p> | <p><u>Clearing out enlarging & sloping</u></p> <p><u>sides of old ditch. All place where sharp</u></p> <p><u>turns occur to be curved. Cuts to be</u></p> <p><u>taken from meadows level & most from</u></p> <p><u>banks of ditch in all cases.</u></p> <p><u>Finished by Dec. 1, 1904.</u></p> | | | |

N. B. All stations to be & the mound to side of ditch & left for Engineer's use.

Exhibit 3 of Engineer's Report in Ditch Proceedings.

Showing Time and Manner in which same must be done. Ditch No. 41
Branch No. 4 to No. 6.

| SECTION | TIME WITHIN WHICH WORK MUST BE DONE | MANNER IN WHICH WORK MUST BE DONE | MATERIALS USED | COST OF MATERIALS AND WORK |
|--|-------------------------------------|--|----------------|----------------------------|
| Branch No. 4: | | | | |
| Stake No. <u>0120</u> Stake No. <u>21</u> | | Clearing out & widening old ditch sloping side & a 18' slope. Finished by Dec. 1, 1904. | | |
| Stake No. <u>21</u> Stake No. <u>61</u> | | Was ditch to be finished Dec. 1, 1904. | | |
| Stake No. <u>61</u> Stake No. <u>89+50</u> | | Bridges to be built across as at Sta. 36+39 on Branch No. 3. 9 ft clear span. (New Bridge) 12 plank 3x12" Norway Pine 16 ft long Finished Dec. 1, 1904. | | \$ 25 00 |
| Stake No. <u>61</u> Stake No. <u>89+50</u> | | Was ditch finished by Dec. 1, 1904. | | |
| Branch No. 5 | | | | |
| Stake No. <u>0</u> Stake No. <u>30+19</u> | | Was ditch to be finished Dec. 1, 1904. | | |
| Branch No. 6 | | | | |
| Stake No. <u>0</u> Stake No. <u>26+73</u> Stake No. <u>46+78</u> | | Was ditch finished Dec. 1, 1904. Clearing out & sloping sides of old ditch slopes 1 1/2' cuts & to take from narrow level & not from banks. Finished Dec. 1, 1904. | | |
| Stake No. <u>46+78</u> Stake No. <u>67+72</u> | | Was ditch finished Dec. 1, 1904. | | |

N.B. All station stakes & the words & sides of ditch right for signature used.

Exhibit 3 of Engineer's Report in Ditch Proceedings.

Showing Time and Manner in which same must be done. Ditch No. 41
Manuel No 7 & No 8.

| SECTION | TIME WITHIN WHICH WORK MUST BE DONE | MANNER IN WHICH WORK MUST BE DONE | MATERIALS USED | COST OF MATERIALS AND WORK |
|--|--|-----------------------------------|----------------|----------------------------|
| <p><u>Manuel No 7</u> Stake No. <u>0</u> Stake No. <u>52</u></p> | <p>Nearly all new-ditch no allowance leaving from mark for the present ditch. Finished Dec. 1, 1904.</p> | | | |
| <p><u>Manuel No 8.</u> Stake No. <u>71475</u> Stake No. <u>71475</u></p> | <p>New ditch Finished Dec. 1, 1904.</p> | | | |
| <p>Stake No. <u>71475</u> Stake No. <u>71475</u></p> | <p>Bridges remain on at sta 36 + 39 on Manuel No 3. 5 ft. clear space 5 stringers 8 plank 3" x 12" x 16 ft long. Any good material in present bridge may be used. Finished Dec. 1, 1904.</p> | | | |
| <p>Stake No. <u>71475</u> Stake No. <u>71475</u></p> | <p>New ditch Finished Dec. 1, 1904.</p> | | | |
| <p>Stake No. <u>71475</u> Stake No. <u>71475</u></p> | | | | |
| <p>Stake No. <u>71475</u> Stake No. <u>71475</u></p> | | | | |

N.B. All station stakes to be moved to ends of bank & left for engineers' use.