

Book #56-Dr. #8

OFFICE OF COUNTY ENGINEER  
RAMSEY CO. MINN.

DITCH Survey

DITCH No 10

From..... To.....

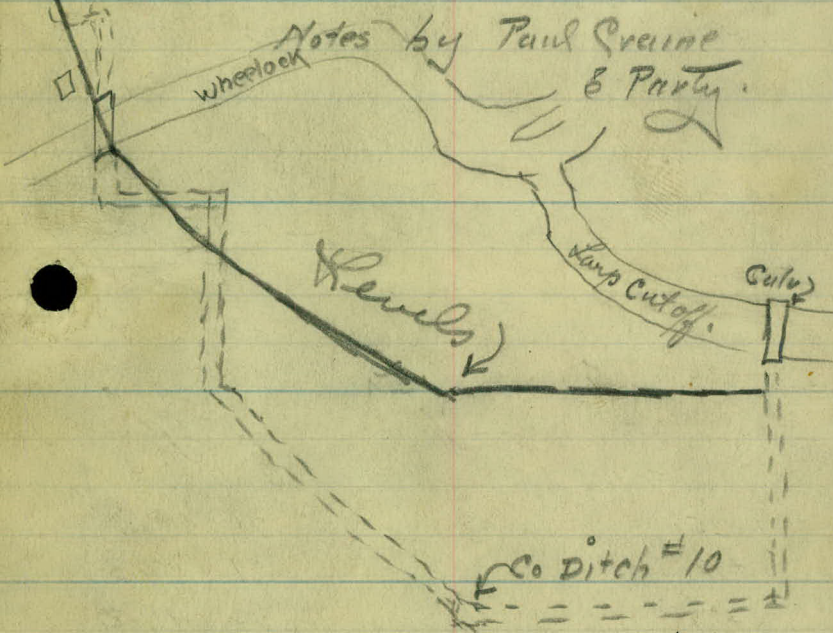
Road Acc't. No. ....

Date Filed 5/25/31 File.....

LUBINS.

# County Ditch No 10

Moyle Prel. Survey for New Location  
Jan 1929



|        |       |        |        |       |
|--------|-------|--------|--------|-------|
| B.M.   | 6.91  | 854.67 | 847.76 |       |
| 0 - 21 |       |        | 11.04  | 43.61 |
| 0 + 00 | 31+00 |        | 11.0   | 43.7  |
| +01    |       |        | 11.0   | 43.7  |
| +02    |       |        | 8.6    | 46.1  |
| +07    |       |        | 5.6    | 49.1  |
| +28    |       |        | 7.5    | 47.2  |
| +50    |       |        | 8.2    | 46.5  |
| 1 + 00 | 30+00 |        | 8.6    | 46.1  |
| +50    |       |        | 8.2    | 46.5  |
| 2 + 00 | 29+00 |        | 7.0    | 47.7  |
| +50    |       |        | 5.4    | 49.3  |
| 3 + 00 | 28+00 |        | 5.1    | 49.6  |
| +50    |       |        | 4.2    | 50.5  |
| +84    |       |        | 2.4    | 52.3  |
| 4 + 00 | 27+00 |        | 2.7    | 52.0  |
|        |       | 7.16   | 858.42 | 3.41  |
|        |       |        | 851.26 |       |
| +25    |       |        | 7.0    | 49.4  |
| +38    |       |        | 8.1    | 50.3  |
| +89    |       |        | 9.2    | 49.2  |
| 5 + 00 | 26+00 |        | 8.9    | 49.5  |
| +50    |       |        | 10.2   | 48.2  |
| 6 + 00 | 25+00 |        | 11.2   | 47.2  |
| +50    |       |        | 12.3   | 46.1  |
| 7 + 00 | 24+00 |        | 12.5   | 45.9  |
| +50    |       |        | 12.6   | 45.8  |

BOTTOM OF 36" C.M.

IN PITCH.  $\phi$  OF PITCH.

$$\begin{array}{r} 847.76 \\ 691 \\ \hline 854.67 \\ 1.41 \\ \hline 851.26 \\ 7.16 \\ \hline 858.42 \end{array}$$



85842 ✓

|       |       |        |              |
|-------|-------|--------|--------------|
| 8+00  | 23+00 | 12.4   | 46.0         |
| +50   |       | 12.9   | 45.5         |
| 9+00  | 22+00 | 13.0   | 45.4         |
| +50   |       | 13.0   | 45.4         |
| 10+00 | 21+00 | 13.1   | 45.3         |
| 11+00 | 20+00 | 12.8   | 45.6         |
| 12+00 | 19+00 | 12.6   | 45.8         |
| 13+00 | 18+00 | 13.0   | 45.4         |
|       | 8.49  | 853.90 | 13.01 845.41 |
| +12   |       | 8.4    | 45.5         |
| +63   |       | 8.5    | 45.4         |
| +64   |       | 10.6   | 43.3         |
| +65   |       | 10.6   | 43.3         |
| +66   |       | 8.6    | 45.3         |
| 14+00 | 17+00 | 8.3    | 45.6         |
| +50   |       | 8.2    | 45.7         |
| 15+00 | 16+00 | 7.8    | 46.1         |
| +50   |       | 6.0    | 47.9         |
| 16+00 | 15+00 | 5.8    | 48.1         |
| +50   |       | 6.8    | 47.1         |
| 17+00 | 14+00 | 7.2    | 46.7         |
| +50   |       | 8.4    | 45.5         |
| 18+00 | 13+00 | 7.8    | 46.1         |
| +50   |       | 7.1    | 46.8         |
| +74   |       | 7.4    | 46.5         |

1-4-27

F. CAR. A TO THE RIGHT

BOTTOM OF DITCH

853.90 ✓

|       |       |        |      |        |
|-------|-------|--------|------|--------|
| +78   |       |        | 10.0 | 43.9   |
| +81   |       |        | 7.5  | 46.4   |
| 19+00 | 12+00 |        | 7.1  | ✓ 46.8 |
|       | 5.88  | 852.80 | 6.98 | 846.72 |
| +50   |       |        | 6.1  | 46.7   |
| 20+00 | 11+00 |        | 6.5  | 46.3   |
| +32   |       |        | 6.4  | 46.2   |
| +39   |       |        | 8.7  | 44.1   |
| +55   |       |        | 8.4  | 44.2   |
| +80   |       |        | 6.4  | 46.4   |
| 21+00 | 10+00 |        | 6.6  | 46.2   |
| +60   |       |        | 7.1  | 45.7   |
| +65   |       |        | 7.4  | 43.2   |
| +69   |       |        | 7.4  | 43.2   |
| +75   |       |        | 7.0  | 45.8   |
| 22+00 | 9+00  |        | 6.8  | 46.0   |
| +50   |       |        | 6.7  | 46.1   |
| 23+00 | 8+00  |        | 5.9  | 46.9   |
| +05   |       |        | 5.9  | 46.9   |
| +22   |       |        | 7.5  | 45.3   |
| +24   |       |        | 7.6  | 43.2   |
| +32   |       |        | 7.4  | 43.2   |
| +34   |       |        | 7.0  | 45.8   |
| +50   |       |        | 7.8  | 48.0   |
| +75   |       |        | 6.0  | 46.8   |

BOTTOM OF DITCH # 10.

BOTTOM OF DITCH # 10.



|       |              |         |        |       |        |
|-------|--------------|---------|--------|-------|--------|
|       |              | 25-2.80 |        |       |        |
| 24+00 | 7+00         |         |        | 6.7   | 46.1   |
|       |              | 7.94    | 254.58 | 6.36  | 246.44 |
| +40   |              |         |        | 9.9   | 44.5   |
| 25+00 | 6+00         |         |        | 10.2  | 44.2   |
| +45   |              |         |        | 9.6   | 44.8   |
| +51   |              |         |        | 8.6   | 45.8   |
| +61   |              |         |        | 7.6   | 46.8   |
| +75   |              |         |        | 10.75 | 843.63 |
| +75   |              |         |        | 8.2   | 46.2   |
| +83   |              |         |        | 5.7   | 48.7   |
| 26+00 | 5+00         |         |        | 4.4   | 49.8   |
| +19   | TOP OF PAVE. |         |        | 4.82  | 49.6   |
| +26   | " " "        |         |        | 5.00  | 49.4   |
| +41   | " " "        |         |        | 4.67  | 49.7   |
| +56   | " " "        |         |        | 4.97  | 49.4   |
| +63   | " " "        |         |        | 5.00  | 49.4   |
| +64   |              |         |        | 4.55  | 49.8   |
| +95   |              |         |        | 4.9   | 49.5   |
| 27+00 | 4+00         |         |        | 6.2   | 48.2   |
| +07   |              |         |        | 8.1   | 46.3   |
| +22   |              |         |        | 8.8   | 45.6   |
| +26   |              |         |        | 8.1   | 46.3   |
| +50   |              |         |        | 9.6   | 44.8   |
| 28+00 | 3+00         |         |        | 11.2  | 43.1   |
| +50   |              |         |        | 12.7  | 41.7   |
|       |              | 3.64    | 845.03 | 12.99 | 842.34 |

INVERT OF 24" C.M.

EDGE OF PAVE.

CUTTER LINE.

¢ OF PAVE.

CUTTER LINE.

EDGE OF PAVE.

TOP OF CURB.

27+38 COR OF HOUSE 12' L.

27+53 " " " 6' L.

845.03

29+00 2+00

5.0 40.0

+50

4.6 40.4

30+00 1+00

5.1 39.9

+50

6.5 38.5

31+00 0+00

7.0 38.0

+25

7.4 37.6

+25

4.15 40.8

12.91 854.30 3.64 841.39

B.M.

1.08 853.22

ON GROUND UNDER BRIDGE.

TOP OF BRIDGE.

TOP OF HYD.



