

Notes on Co. Ditch No 4

AND. State Highway No 1  
SRH No 80. X section from  
3212 North. North of  
Shingobee River  
cross section of Norway Ave and  
21st St. Pine River. Village.

FIELD BOOK

360

Field Book  
N<sup>o</sup> 26.

30

K

CHICA

TA

DISTA

0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30

Co ditch # 4 notes

SR 1--Xsection &amp; T notes

Pine River Village-2nd street survey

SRH 80 Xsection notes N of Shongobee R. Pomasel

Xsection 2nd st Pine River.

Surface pit S of PR Br.

Right of way from Robbins.

SRH 80 Survey sta. 1711 accident scene

J. H. Jenkins

$$\begin{array}{r} 435.60 \\ \# 35.00 \\ \hline 408.3264 \end{array} \quad \begin{array}{r} 2089 \\ 5.1 \\ \hline \end{array}$$

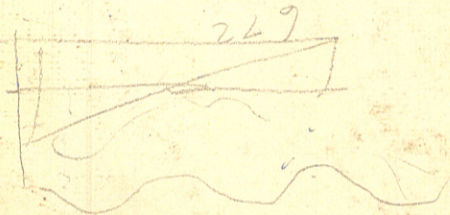
$$\begin{array}{r} 1167.29600 \\ \hline 29169 \end{array}$$

$$\begin{array}{r} 2087.3100 \\ 1174.3208 \\ \hline 229 \end{array}$$

14609

$$\begin{array}{r} 4418118706 \\ \hline 4774 \end{array}$$

$$\begin{array}{r} 46473556.69 \\ \hline 4704 \end{array}$$

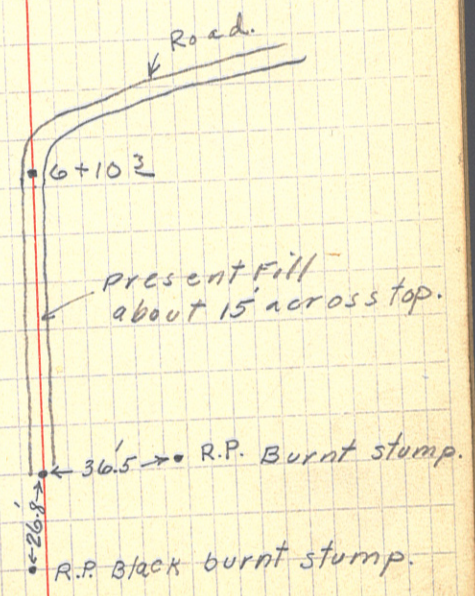
$$\begin{array}{r} 22 \\ \hline 672 \end{array}$$


# INDEX

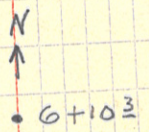
	Page to page
Notes on Co Ditch No 4	1 -
cross section notes and transit notes on state	
Highway No. 1	10 - 28
Survey of end of Pine River	22
cross section SR H 1080 North of shipping case River	29
Cross section of 2 St and Norway Ave.	22
cross section for surfacing materials	
taken near bridge south of RR.	
cross section of Pit	35
Sketch of Right of Way bought from	
Mr Robbins Co sta 16705 & 16800	30
survey of sta 1711 where accident	
happened Nov 21, on SR 1480	31 - 32

6  
5  
4  
3  
2  
1  
00

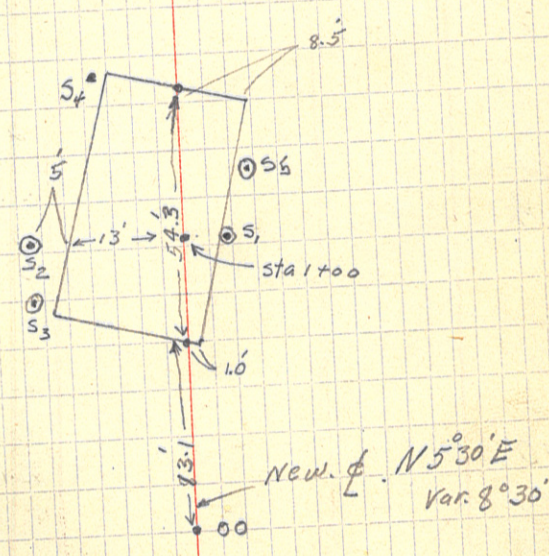
spike.



# SKETCH OF PRESENT BRIDGE



- All soundings from water Level  
which includes 0.7 Floodwater over norm. ice Level.
- ⊙ S<sub>1</sub> 6.6 to compact sand bottom
  - ⊙ S<sub>2</sub> 11.5 water + mud. no bottom rod stuck in mud. 18' L. sta. 1+00
  - ⊙ S<sub>3</sub> 19.6 L. end. 3.4' water to hard sand + gravel bottom.
  - S<sub>4</sub> 5.3 water + mud struck sunken log, probably part of 7<sup>th</sup> foundation.  
S<sub>4</sub> = 5 ft. from edge water on N. side.
  - S<sub>5</sub> 10' N. S<sub>1</sub>. 9.4' water + mud no bottom.



	+S	Levels. H.I.	-S	Rods	
B.M.	7.08	107.08			100.05 spike in Tel. Pole at N. end of Bridge
00				0.8	06.3 on N. side.
+83-				4.6	02.5 on plank at end of Br.
+85-				11.3	95.8 on ice
1				5.2	01.9 on Br.
+21				10.7	96.4 River Bank N. side edge water
+37±				8.1	99.0 natural ground at N. end Br.
+37±				4.9	02.2 N. end Br. on plank floor.
2.				4.8	02.3 on fill
2				9.8	97.3 natural ground.
3				4.1	03.0 fill top.
3				9.4	97.7 Nat. ground.
4				3.4	03.7 Top fill
4				10.0	97.1 ground.
5				3.4	03.7 Top fill
5				10.3	96.8 ground.
6				2.9	04.2 Top fill.
6				5.2	01.9 ground
+10				2.6	04.5 Top fill
+10				3.9	03.2 ground.
+25				2.5	04.6 end of fill - level with natural ground.

{ E. side of fill is straight up + down or perhaps 1' further out than top. W. side about 1:1

Reference Points to Sec. 9<sup>5</sup>/<sub>4</sub> Cors.  
along County Ditch No. 4.

At Sec. Cor. 20-21-28-29. B.T. with Tack.

5" Jam N 77 W 114.90 ft.

R.P. Stake at edge of solid ground S 37 W 102.90 ft.

Sec. Cor. 28-29-32-33-138-30

4 R.P. Stakes 5' high 1 1/2" in the ground.

NW-NE-SW-SE each 46.7 ft. dist.

Sec. Cor. 4-5-32-33-137 & 138-30

4 R.P. Stakes 7' long set 30" in the ground.

NW-NE-SW-SE each 46.7 ft. dist.