

DATE BOOK

1951

COUNTING HOUSE CALENDAR 1951

| | Su. | Mo. | Tu. | We. | Th. | Fr. | Sa. | | Su. | Mo. | Tu. | We. | Th. | Fr. | Sa. |
|-------|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|
| JAN. | .. | 1 | 2 | 3 | 4 | 5 | 6 | JULY | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| | 28 | 29 | 30 | 31 | .. | .. | .. | | 29 | 30 | 31 | .. | .. | .. | .. |
| FEB. | .. | .. | .. | .. | 1 | 2 | 3 | AUG. | .. | .. | .. | 1 | 2 | 3 | 4 |
| | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | 25 | 26 | 27 | 28 | .. | .. | .. | | 26 | 27 | 28 | 29 | 30 | 31 | .. |
| MAR. | .. | .. | .. | .. | 1 | 2 | 3 | SEPT. | .. | .. | .. | .. | .. | .. | 1 |
| | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| APRIL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | OCT. | .. | 1 | 2 | 3 | 4 | 5 | 6 |
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 | | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | 15 | 16 | 17 | 18 | 19 | 20 | 21 | | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| | 29 | 30 | .. | .. | .. | .. | .. | | 28 | 29 | 30 | 31 | .. | .. | .. |
| MAY | .. | .. | 1 | 2 | 3 | 4 | 5 | NOV. | .. | .. | .. | .. | 1 | 2 | 3 |
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | 13 | 14 | 15 | 16 | 17 | 18 | 19 | | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | 27 | 28 | 29 | 30 | 31 | .. | .. | | 25 | 26 | 27 | 28 | 29 | 30 | .. |
| JUNE | .. | .. | .. | .. | .. | 1 | 2 | DEC. | .. | .. | .. | .. | .. | .. | 1 |
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| | .. | .. | .. | .. | .. | .. | .. | | 30 | 31 | .. | .. | .. | .. | .. |

THE YEAR 1951

WORK-A-DAY
DIARY
OF



JAMES M. HEIN

ASST. COUNTY ENGINEER

CASS COUNTY,

MINN.

No. 8011

National Blank Book Company

Holyoke, Mass.

MADE IN U. S. A.

Clear, Cold

MONDAY 19 1 51 JANUARY

1st Day

Happy New Year

364 Days to come

HOLIDAY -

10:30 Took Ma. & Jack to Bemidji. Dorothy & Deb went also. Fan stuck & we had to stop about 2 1/2 mi. S. of Bemidji. also low on coolant. Got water at Dr. House. Had them call for a wrecker. Got a fellow to push us when wrecker took to long.

11:30 I stay at B & M Gar. Fellow takes the rest into Bemidji to bus. sta. Mech. "Dick" takes off fan and knocks it down to bearing ass. which is frozen. Puts in vise & takes "liquid" wrench & Pipe wrench to loosen it up.

1:30 Works ok. Go into bus depot pick up Dor. & Deb. eat - go to show. Back

5:00 to Walker.

P.S. Buck Simpson starts office term as Sheriff.

W
Y
S

TUESDAY 19 51
2 JANUARY

Board of County
Comm. meeting.

363 Days
to come

Cloudy, Cold.

Time

8:30 Pick up gear at office. (Don said he would get to Peq. tomorrow. - Hugh Dudgeon had called the office about ϕ cutting off his buildgs from rest of farm)

9:30 Meet Carl & Henry - start them cutting a J. pine on ϕ E. of Ralston. I wiggle in ahead near Pl. at $1/4$ line - line clear - Move to Pl. at sta. 229+33.3, take \angle of ϕ ahead & land tie with ϕ of aband. Rd. Lt. on S.L., Move ahead to Pl. at $1/4$ Cor. & take \angle of ϕ ahead & land tie with Fence row left. Move ahead to I.P. on Cnty line - take \angle of ϕ ahead. (Lt) Move N. to Pl. on Cnty Line & take \angle of ϕ ahead. (Rt) with Black Top in Crow Wing cnty. Fig tangents & lay off P.C. & P.T. for two curves on cnty line.

5:00 ves on cnty line.

P.S. Had Roy KRUGER push the Nash this Morn. Stopped & let him oil fan & take up packing gland on water pump.

Moe in Mpls. today.

M-62.

WEDNESDAY 19 51
3 JANUARY

Cldy, Cold 0°

362 Days
to come

362 Days
to come

8:10 Start ϕ at 229+33.3 - run to sta. 276+38.4 - P.C. for 1st curve at 11:50 cnty line. (Moe showed at about 9:30 sta. 238+00.) In for lunch. 12:15 Don & W. Maizer came into Greers cafe. H. Dudgeon called for Don. 1:00 Start x-sec. Topo. Levels at 229+33.3 (Don comes by from seeing Dudgeon - gets Topo & Alignment notes for curve at Dudgeons. Says to come in if weather gets rough. Also get Dudgeon's buildings tied into semi-tang.) in for coffee. Continue x-sec etc to 245+00. 4:40 abt. W. side of Halls Grove. Take meas. of Dudgeons bldgs. 5:00 In for today.

M-26

THURSDAY 19

4

51
JANUARYCloudy, snowing,
Fair.4th
Day361 Days
to come

8:15 Meet Carl & Henry - cont. x-sec. etc
Sta. 246+00. (snowing grad. hard-
der - warming up).

11:50 In for lunch.

1:00 Cont x-sec. (clear's abt 2:00
but starts to get cloudy & cold
rapidly after 3:00). to Sta 276+00

4:25 as far as ϵ is punched. Into
Bill Wallers for Coffee. Quit for
day - wind starting to blow getting
much colder.

Note: Return loop on Levels check
to 0.01 at B.M. in Mortensons
Yard. $1278.12 = 1278.11$

M-15.

FRIDAY 19

5

51
JANUARYCloudy, cold -16°
wind -N.W.5th
Day360 Days
to come

8:15 Carl & Henry meet us. we run
 ϵ from PC. at 276+38.4 - 1 set
 π on P.T. 285+28.4. Off 0.2 (28.6)
set on PC. 287+55 run curve to
294+00 (T.R. in way), Fin from
P.T. 296+50. to 301+00 on
tang. ahead on Black top.
In for Coffee (very cold. out.)
Take ties for P.I. at 293+23.7.

12:00 Lunch.

1:00 Start x-sec. etc. at 277+00

4:00 fin at 297 take ϵ to 301+00.
in for Coffee. Out to check
on culverts N & W. of Dodgens
Find 18" x 32' W. about 400' from
P.I. (Presumed Finished)

P.S. Paid Sherwood Gar. 4.69

Greers Cafe 9.20

Kargels Rooms 3.00

Had to have car
pushed. Then I pushed 1.00

7:30 Moe. In to Walker.

M-73.

19 SATURDAY 6 JANUARY 51

6th Day of

Feast of Epiphany

359 Days to come

Cl'dy, Cold -30°

8:30 At office - work on SAR#14 - plotting Topo. Moe on final x-sec. sheets
12:00 for SAR#5.

(Don says we are to go to Peq. Lakes Mon. to run "L" line, 10° curves with P.I. at 157+62.1, N ½ Mi. & E ½ Mi. to P.I. 205+58.3. This is an alternate to "L" Thru Dodgeons.)

P.S. Had ART GRUBER push Nash in p.m. Got new National Battery at Texaco. 110 AMP, 24 Mo. Price \$20.47 less \$2.00 on old battery.
M = 38,540. when installed

19 SUNDAY 7 JANUARY 51

7th Day of

1st Sunday after Epiphany

358 Days to come

Clear, Cold

Work on Topo. Notes - finish.

PROGRESS CHART.

| SAR # | Date | "L" & | Levels | X-sec | Topo. | Misc. | M |
|-------|------|-------|--|--------|--------|--------|----|
| #14 | M 1 | | | | | | - |
| | | | HOLIDAY | | | | |
| | | | Moe Not with us - took land ties & 25 | | | | |
| " | T 2 | | Set RC. & PT for last 2 curves on Chy line, b2 | | | | |
| " | W 3 | | 230+00 | 230+00 | 230+00 | 230+00 | |
| " | | | 276+39.4 | 245+00 | 245+00 | 246+00 | 26 |
| " | | | | 246+00 | 246+00 | 246+00 | |
| " | T 4 | | | 276+00 | 276+00 | 276+00 | 15 |
| " | F 5 | | 277+00 | 277+00 | 277+00 | 277+00 | |
| " | | | 301+00 | 301+00 | 301+00 | 301+00 | 73 |
| " | | | Plot topo notes in office. | | | | |
| " | S 6 | | Moe on SAR#5 final x-sec. | | | | - |

MONDAY 19 8 51 JANUARY

Clear, cold.

8th Day of

357 Days to come

M = 38560

8:15 At office - meet Clayton Collard from Bemidji. Plans are to go to Peq. Lakes - run L₁ line from 157+62.1 N 1/2 mi & E 1/2 mi to tie into "R.L." at 205+58.3 then to go to Pillager for soundings & corrections on levels.

9:40 Pick up Henry Hanson, set inst at Pot between 157+62.1 & 1/2 mi N. (Spoke in Rd.) Set inst at 157+62.1 & take L.

11:35 In for lunch, & fig. curve.

12:35 Meas. tang. from 157+62.1 set on PT & run curve back to P.C. Cont. L₁ & to "L" R.L. 181+47.2. Moved to Pot after taking 10' offset N of E-W line at R.L. 205+58.3 to clear brushing hazard on fence row. still couldn't pick up R.L. offset at 181+47.2 so reset offsets at 25' & wiggle in - clear line W to 181+47.2. Set at 181+47.2 turn L.

5:00 Thru for day.

M = 67

TUESDAY 19 9 51 JANUARY

Unsettled, Mild. Clear in P.M.

9th Day of

356 Days to come

M = 38627

8:15 Pick up Henry Hanson walk into R.L. 181+47.2 from East. set PC & PT for curve. Run curve from P.C. 175+ to sta 184+00. Move to Offset P.T. set PT 25' south. Continue & on 25' Offset line to 25' offset P.L. at 205+3. Take L with & ahead. Run & to P.T. Equation "L" line 211+ = "L" P.T. 208+

12:00 Took H. Hanson home - in for lunch

1:00 Start x-sec, topo. levels. at "L" = 153+00 - loose spring latch screw.

2:30 on level rod, Over to H. Hanson's for repair.

3:30 Cont. x-sec. etc. to 178+00 on curve.

5:00 at edge of swamp. P.S. Called Don this noon - gave him our progress - said he would meet us Thurs AM. to go to Pillager.

M = 24

WEDNESDAY 19

10

51

Clear, Fair.
JANUARY10th
Day355 Days
to come

M-38,651

- 8:00 Pick up Henry, walk in to 179+00
on "h" from East. Cont x-sec, Topo,
12:00 Levels - to sta 205+00 - in for
lunch.
1:00 cont x-sec to equation point
211+09 = 208+
- 2:00 Fin. Proj. "h".
Out to 98+54 take additional
section for channel change -
chopped thru ice for depth of
3:00 channel. Hit sand bottom 100 ft.
Back to Peq. Lakes.

P.S. Take Henry in for Coffee
& his Car.

Go to room. † work on notes.
Clayton & I pay room rent 4.00 ea.

M-29

THURSDAY 19

11

51

Clear, Fair -8°
JANUARY11th
Day

Alexander Hamilton—Born 1757

354 Days
to come

M-38,650

- 7:30 Breakfast at Greers. Waiting
for Don - Phones from Walker
about 7:33. - Drives in about
8:30. Out to project - stop
at sta 76+00 to note bad
sub grade 73+00 to 78+00.
Continue to Pillager, stop at
North end of project to check
Dons notes. Correct levels
around curve 216+00, 180+00,
160+00 then to BM #14 & 13. Go to
USC & S. (BM #10) run to BM #13, & TP
on 35' Elm stump ahead. Find 1.0 error
in notes. In for lunch; Parsons
Cafe.
- 1:00 Back to thro-fare - take equipment
from Dons Car & inspect for bridge
location from ice, decide at 128+45
near north edge of throfare.
Don leaves - we fin level checking south.
Back to bridge site take elevation
readings 20' RT & LT of E. & channel
elev. 300' RT & LT.

M-41

FRIDAY

19
12

51

JANUARY

Clear, Cool. 0°

12th
Day353 Days
to come

u = 38,721

8:15 Out to SAR #1 Sta 142+90.3 P.I.
run 8:00 curve by tan. offset.
forgot to make equation at P.T.
reset 143, 144, 145. take sections
142 to 146. Start Soundings for

12:00 bridge abutment. Down 32' in S₄.
In for lunch.

1:15 Catch Dally in town - will help
with bridge soundings. (abt 1 hr).
continue S₄ to 46' Rod buckles.
(To much vibration from ice down -
a 16 to 20' sec. of 1 1/4 pipe pushed
into Marl would probably support
rod.). Draw rod as E. Dally comes.
move to S₂ Rod buckles at
41'. Draw rod. Try push sounding
at 124+00 - 18'. With Hammer
breaking up & Rods bent decide to

3:30 return to Walker.

Into Piilager for suitcases at
Dades.

6:00 Into Walker

M = 93

SATURDAY

19
13

51

JANUARY

Cloudy, Fair.

13th
Day352 Days
to come

8:00 At office. Draw up curve on C.A.R. #14
so Don could redesign to miss
swamp. Design a 13° instead

11:45 of a 10°. Prepare notes.

Help seal envelopes for form
12:15 W-2 mailing.

Moe on SAR #5 sections
as previously - Sta 139+00
at 8:30 AM.

SUNDAY 19 14 51 JANUARY

14th Day of

2nd Sunday after Epiphany—Transfiguration (Lutheran)

351 Days to come

MONDAY 19 15 51 JANUARY

15th Day of

350 Days to come

8:15 Caught Jim Koehler at shop showed him what the sounding equipment needed for repair. Saw Don in at Dahlums

M. 38930
7:30 At office, Moe follows. Don comes & we go over proposed L₂ line for SAR #1. N. of Pillager. Moe & Clayton Collard load equipment. I take enough bench notes to find curve L₂ at Pequot on CAR #14. & take Approach sections on other three curves.

9:30 Arrive at beg. of L₂ at pillager & line sta. PC 116+81.7 near Yazis. Set on P.I. ahead & continue line beyond 145' for new P.I. Continue & set dir for next P.I. 51' E of P.P.I. sta 133+ on P. line. Set on L₂ P.I. sta. 129+25.5 turn A of 68°00' RT,

5:20 set PC & PT run curve.

Ate lunch in Pillager. Clayton ate his lunch on job. Stay at Dades.

PROGRESS CHART

| SAR | L ₂ | L ₁ Levels | L ₁ X-sec | L ₁ Topog. | Misc | M |
|---------|--|-----------------------|----------------------|-----------------------|------|-------|
| 14 M. 8 | 151+722 PC 181+912 PI | | | | | 67 |
| " 9 | 175+71.0 PC 211+09.7 | 152+00 | 152+00 | 152+00 | | 24 |
| " 10 | | 178+00 | 178+00 | 178+00 | | 29 |
| | | 179+00 | 179+00 | 179+00 | | 41 |
| | | 211+00 | 211+00 | 211+00 | | 93 |
| 1 11 | check Levels on Elwell at Pillager. | | | | | ← |
| " 12 | take profile elev. for bridge | | | | | ← |
| " 13 | Run 80° curve at P.I. 142+90 & take X-sec. | | | | | ← |
| | Start bridge soundings. | | | | | ← |
| | Plot curve at P.I. 181+ Pequot Lakes. | | | | | ← |
| | Redesign - office | | | | | 254.6 |

M=75

TUESDAY 19

16

51 JANUARY

Cloudy, cool.
Clear in PM.

16th Day

349 Days to come

WEDNESDAY 19

17

51 JANUARY

Clear, Cold
Mild at Midday.
Cloudy in eve.

17th Day

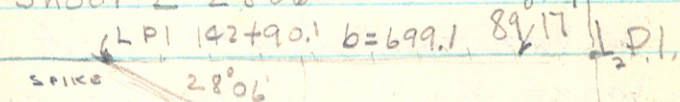
Benjamin Franklin—Born 1706

348 Days to come

38905

8:05 Out to SA-R-1 sta L.P.I. 142+90.3

shoot $\angle 28^{\circ}06'$



Move it pot.

137+

\angle shoot

$61^{\circ}11'$

back on L.P.I. $\angle 61^{\circ}11'$
chain dist = 797.8'

POT 137+78.2

a=375.8

Stop & figure other sides &
find a=375.8 & b=699.1 thus
L.P.I. = 141+54.0 & curve can be
found. Set L_2 PC 133+24.7 &
run curve ahead by jump on P.O.C.'s

12:15 In for lunch.

1:10 Cont. Curve \rightarrow 1st set L_2 PT 146+20.7

& cont. Tan line ahead to eqva.

151+32.7 (L_2 line) = 148+41.4 h. Line.

Cont curve - catch error in Tan. length

& re run from L_2 PC = 133+45.2 to

5:00 end L_2 .

M-20

M 38925

8:00 Goto Dally's to get Ellis - not home. Return to sta 117+00 near Charlie Yezek to take X-sec.

Get Charlie to help. Continue to

12:00 sta 132+00 - In for lunch.

1:00 Continue X-sec to 151+32.7 checked

5:00 in at BM#13. OK.

P.S. Had c. Yezek make out withholding form w-4.

M-20

THURSDAY 19

18

51 JANUARY

Cloudy unsettled
fair to mild-

18th Day of

1971

347 Days
to come

Pillager

M 34945 - 38964

7:45 At Cafe (Parsons), report a call for Operator 8 at Bemidji. Don wanted to know how near we were thro - Topo, Br. & push soundings, ties. Said Clayt was urgently needed at Office in Bemidji. Come in tonight.

8:05 Start soundings for Bridge at sta. 128+00.

(C. Yezeck with us all day.)

12:50 In for lunch...

1:00 Start Topo & ties at sta. 118+00

3:15 finish topo sta 151+32.7

take oo & sta for swamp at creek 175+00 to 179+90.

take push soundings from sta

5:00 131+00 to 133+75.

P.S. Pay Room at Dade's 2nd
Return Spud to Hawks.

Walker

39028

M- 83

FRIDAY 19

19

51 JANUARY

Colder.

19th Day of

Robert E. Lee - Born 1807

346 Days
to come

At off.

8:00 Work on Topog. notes for Pillager project, both h. & l₂.

Mon 1/2 day on SAR²5 X-sec.

1/2 " " K-A-R²14 X-sec

CARIA SP 11-509-01

Much Colder - 8°
 SATURDAY 19 20 51 JANUARY

20th Day of

Robert E. Lee - Born 1807

345 Days to come

Very Cold - 40°
 SUNDAY 19 21 51 JANUARY

21st Day of

Septuagesima - Stonewall Jackson, Born 1824

344 Days to come

8:15 Walked to office. Car wouldn't start.

Don started me on profile for SAR #14. reduce notes, check, plot.

Moe running Planimeter on SAR #5.

PROGRESS CHART

| SAR. | "L ₂ E" | "L ₂ Xsec" | "L ₂ Topo" | soundings | Misc. |
|------|---|-----------------------|-----------------------|-----------|---------------|
| 1 | 116+00 | | | | |
| 1 | 132+00 | | | | 75 |
| 1 | 133+00 | | | | 20 |
| 1 | 151+32.7 | | | | 20 |
| 1 | 118+00 | | | | |
| 1 | 151+32.7 | | | | |
| 1 | 117+00 | 127+25 | | | PITIES |
| 1 | 151+32.7 | 133+75 | | | BRIDGES DG 83 |
| 19 | Topo notes for SAR #1 (off) | | | | |
| 19 | Moe on SAR #5 1/2 da., f CAR 14 1/2 da. | | | | |
| 19 | Profile on SAR #14. | | | | |
| 20 | Moe on SAR #5. | | | | |

MONDAY 19

22

51 JANUARY

cloudy, cold,

22nd Day of

4281 mo8 .no8el hawnc02--amisspuzre2

343 Days to come

7:45 Don had finished profile & inked same. S.A.R. #14
I show Rot., R.L., P.C., & P.T. on plan. Also start topography on plan -2+50 to 75+00.

Moe on x-sec

S.A.R. #14 11-509-01

TUESDAY 19

23

51 JANUARY

Unsettled, fair
snow & wind

23rd Day of

342 Days to come

M=39,053.

7:40 Had a flat (left front). Loaded gear pickup Moe.

Get H. Hanson to help. We drive 9:25 to W. at sta 20st & walk in to R.L. 181+47.2 set P.C. & P.T. for 1300 curve. (Snow quite deep). Run curve & take sections.

1:35 Back to car (Snow drifted in our tracks, break new path.)

Take H. Hanson home in for lunch

2: back to Hanson's & take approach sections to R.L. 157+61.2, & two

4:30 curves at county line. In for coffee. Take H. Hanson home

5:00 take + for B.M. at 208+86

Get 10 doz eggs from Henry, 32¢

In to Walker. 3.20

Paid Greens 7.10 vptodate.

M=39170

M=117

WEDNESDAY 19 24 51 JANUARY

24th Day of

341 Days to come

7:45 At Off. start Topo. on design sheet for SAR #1.
0+00 to 116+60.

Reduce notes on x-sec
0+00 to 75+00

Moe on SAR #14 x-sec
11-509-01

THURSDAY 19 25 51 JANUARY

25th Day of

Conversion of St. Paul

340 Days to come

7:50 At Office. Made out Jan time report for Moe, Dally, Kezek, & Myself. Fin. Plotting topo. for Pillager proj. & reduce to sta 130+00 & reduce x-sec profile to same sta. Work with Don on Pillager Bridge report.

Ink profile to 130+00 on Pillager Job.

4:00 4 Engineers come in to see Don - He is out but returns about 4:30. - in reference to B.M. North of Walker. for Air

5:00 strip - Re-copy push soundings for SAR #1 from back of New book.

Moe on SAR #14 All Day.

Bought New Tire, Gambles Crest
Deluxe 18 Mo. guar. #19.58 650-15
Also new tube 4.11 "

FRIDAY 19 26 51 JANUARY

26th Day

1951

339 Days
to come

7:50 At office. - work on Pillager
profile design sheet in A.M.
plot topog. P.O.T., P.L., P.C., P.T. SAR #1

Ink xsec on SAR #14. Pegvot

5:00 Lakes in P.M.

Moe plots x-sec for SAR #14
all day.

SATURDAY 19 27 51 JANUARY

27th
Day

338 Days
to come

8:05 Ink x-sec for CAR #14 (Pegvot)
all forenoon.

Moe inks CAR #14 Also

12:15 Fin inking x-sec so Don can
take same to Park Rapids.

28th Day of
 SUNDAY 19

28

Sexagesima

51 JANUARY 2

Clear Cold. -20°

337 Days
 to come

28th Day of

Mount new tire on front right wheel. Gambles crest. tube also new. M=39190
 Take tube out of old front right (no patches) & mount on rim in Atlas tire. Other tube (old) had slow leak.

Kennedys come over in P.M. Bob pushes Wash to start it - goes o.k.

| SAR | Design Profile | Topog. ALIGN | TOPOG. |
|---------|----------------|---------------------|--------|
| 14 M22 | Office | 131+49.2 211+09. | 117 |
| 14 - 23 | | | |
| 1 24 | | Office | |
| 1 25 | | " | |
| 1 14 26 | " | " | |
| 527 | " | | |

29th Day of
 MONDAY 19

29

51 JANUARY

Clear Cold -45°

Wm. McKinley - Born 1843

336 Days
 to come

7:45 Opened Off. Clayton W. Collard drove in from Bemidji. 7:55, Moe soon after.

We plan work on sections for SAR#1. Clayt. Sta 0+00 to 88+00
 Moe from 88+00 on to about B.M. #13 Sta. 151+00 on L₂ line.

I continue plotting topo. on profile design roll.

P.S. Very cold out today. Ride up with C.D. Bacon in AM. Back with C. Collard in evening.

Int. Falls reported -41°, Bem -38°

Clear Cold - 33°
TUESDAY 19 30 51 JANUARY

30th DEC
Day 30 of

Franklin Delano Roosevelt - Born 1882

335 Days
to come

7:45 Opened Off. Clayt. Collard comes
at 8:00. Moe soon after.

Continue S.A.R #1

Moe plotting, checking & inking

Clayt " " " "

Me " " " " & inking

P.S. Special Ditch will be used
on right near begin of proj. Moe's
template to right of & 10' watch ditch gr.

Reg. ditch on left. May widen for dirt.

Have to pick up more readings
right of & in water. around sta.
98, 99 & 101 to 110. when we go to Pill.

Don going to Mpls first to get
OK on & alignment & culv. bridge.

If warm day comes along may
go to Ingadona for bridge sounding.

Clear Cold - 35°
WEDNESDAY 19 31 51 JANUARY

31st DEC
Day 31 of

334 Days
to come

7:45 Followed Don into the office. Clayt
& Moe follow. Decide not to go to
Pillager till Don gets back from St
Paul. (Going to get ok. on bridge
location & culv. type br).

Continue x-sec, checking &
inking. Finish.

Start laying finish x-sec
on x-sec sheets for planimeter.
Clayt starts planimetering.

Notes: Don staying at ANDREWS HOTEL
Feb. 1st. all day at highway dept.

THURSDAY 19

1

51 FEBRUARY W

Clear Cold -42°

32nd
Day333 Days
to come

7:45 Opened up. Moe came abt
8:00 Clayt soon after. Had
a planimeter belonging to state.
He and Moe run areas on
sheets 3 & 4. Moe puts
topog on p & p sheets. SAR#1
I put fin sec on sheets.
then start running bal.
on sh #1 & 2. run into
trouble after sta. 10. no
bal till 59. talk over
what to do. decide to raise
grade from sta 600 to
22+00 & check.

P.S. Had Clayt over for
lunch today.

FRIDAY 19

2

51 FEBRUARY

Clear Cold -22°
Fair by noon +15°33rd
Day

Groundhog Day—Purification B. V. Mary

332 Days
to come

7:45 Opened up. Clayt came about
7:55 Moe about 8:00.

Changed fin sec on sh #2
to .3 higher

Moe on Topog- stopped to
run areas on sh. #2.

I run # on p & p sheet sta.
85+00 to 115

Stop to run bal on data Clayt
recorded. for sh. #2, bal around

12:10 19 - Lunch.

Clayt continues working out
grade.

Moe on Topog.

I continue # on p & p sheet
115+00 to 145+00

Clayt. shows me where to
pick up bal. wont be here
tomorrow.

1951
SATURDAY 3 FEBRUARY

Fair +25.

34th
Day

331 Days
to come

7:45 Open Off. Moe comes about
8:00, I fin Φ on p & p sheet
145+00 to 165+00

Moe on Topog-
I continue Tab on bal
sheet- thru. 44+
record cut & fill from
sh 6 thru sta 78+00.

1951
SUNDAY 4 FEBRUARY

Quinquagesima

35th
Day

330 Days
to come

| SAR | Design Profile | xsec. | fin xsec. | Balancing | Grade |
|-----|-------------------|--------|--------------|-----------|-------|
| 1 | 29 | office | | | |
| 1 | 30 | " | " | | |
| 1 | 31 | " | " | " | " |
| 1 | 1 | | " | " | " |
| 1 | 2 | | | " | " |
| 1 | 3 | | | " | |

MONDAY 19

5

51

FEBRUARY

Fair Cloudy
Snow36th
Day329 Days
to come

7:45 At. Off. - we continue on
x-sec sheets -

I lay out design sections
on sheets. tab end secs. etc.
Klayt on planim.

Moe on p & p sheets,

Decide to go to Pillager
tomorrow. Don's idea on the
culv. for bridge accepted.

TUESDAY 19

6

51

FEBRUARY

clear cold
getting colder,37th
Day

Shrove Tuesday - Mardi Gras (Ala., Fla., La.)

328 Days
to come

7:30 Clayt. at office. we load equip.
for Pillager. Moe drives up
We leave for Pillager. M-39,252.

Wind blowing & some drifting.

9:25 Start checking levels from BM
#13 and run to #17. for a check

11:15 in. Move to sta. 98+00 & start
taking depth shots from ice.
Elev. 1220.34.

Notice temp way up on
car.

12:00 Drive in for lunch temp. up
again. find joint between Gen.
& water pump twisted off. - Eat -

1:00 Gar. Mech out to Dally fire so
we start repair on car in Coop
filling sta. get 2" sec. of hot water
hose & have holes drilled at hardware
finally get hose on but alignment
off repack pump. Helps but noisy.

4:40 Fix flat - Out to job. take ties

5:50 at 4 places fin sec. lights out -
Eat at Pillager. lights fixed. - to walker
eggs at Hansons.

M-152

WEDNESDAY 19

7

51

FEBRUARY

Clear Cold - 15°
some wind.38th
Day

Ash Wednesday

327 Days
to come

8:20 At Office - Don, Moe & Clayt on hand. I lay finished sections on x-sec sheet from sta. 89+00 thru 105+00

Clayt running planimeter. tabulating end sec. & fig. yardage for balance.

Moe on p & p sheets (ink lettering) and topog.

I work on level notes between BM #13 & 14. find 1' error in + reading on T.P. at 3" Elm. abt. sta 157+00 ^{x-sec} V.S.A.R.

#1, this corrects major error in run North from U.S.C. & G.S. BM #10 in Bingmans yard. 1224.485 Elev.

Don Comes back from board meeting - has change for CAR #14 going wide south of Dudgeons and coming in on L line about 200' N of L.P.I. 184+06.6

Clayt. goes home via P. Rapids to pick up necessary notes to run line.

THURSDAY 19

8

51

FEBRUARY

Clear cold - 35°

39th
Day326 Days
to come

M 39410

8:20 At Office - (Couldnt get Nash started. 1st had Taxi try to pull me - No go, 2nd had Texaco pull - finally started). Moe & Clayt. waiting - gear all dn ready to go to SP 11-509-01. (CAR #14)

9:30 Pick up H.E. Hanson start L³ Line at 164+02.6 - (First set straddle on N-S Line behind P.I. at 184+06.6 247'-253' south.) Run from 164+02.6 locate P.I. at 166+00 turn 7°53' RT set P.C. & P.I. Run line ahead to ¹⁷³⁺⁶⁵ thru woods to sta 176+00

12:00 In for lunch.

1:00 Continue line thru to P.I. at 184+26.0 hit straddel 7' S of 250' Mark. 1 set at P.I. & shoot $\angle 98^{\circ}19'$ Double $196^{\circ}40'$ - Set P.C. & P.T. for 15' curve set on P.I. 250.7' N-ahead on Semi Tan & run line to eq. 196+00.5 = 190+60.3 L.P.T. Run 15' curve from P.T. 186+39.3 to 183+00 then set

5:15 on P.C. & finish. Set spike at

5:30 P.I. 166+00. Quit for day. M-75 Put car in Sherwood Gar. for night.

FRIDAY 19

9

Cloudy Cold -15°
51 snow in PM.
FEBRUARY40th
Day325 Days
to come

- 7:15 Breakfast at Greers.
 7:40 Get car out of Garage - Pick
 8:05 up H. Hanson Run Curve from
 P.C. 164+02.6 Start sections
 continue to 173+50 when
 10:00 Axel Larson asks us in for
 coffee.
 10:30 Continue sections to 183+50
 12:10 In for lunch
 1:10 Continue sections to 196+00.5
 take Range lines on Dodgeons
 4:00 Buildings. Starting to snow.
 to Henrys for coffee.
 4:50 Pay Gar. Bill \$1.00 Board \$3.00 &
 Room \$1.50 leave for Walker.
 5:55 Arrive at walker.

Work on Notes at home in
 evening.

Fair Cloudy.

SATURDAY 19

10

51
FEBRUARY41st
Day324 Days
to come

- 7:45 At office - Clayt comes abt
 7:55. I work on C.A.R. #14 Notes,
 Moe & Clayt Plot up sections,
 check & ink from bog L³ 164+02.6
 to 196+00.5 (Last sheet not inked).
 → compute diff in offsets
 SARI of 4° & 3°45' curve at PI 108+52.8
 change ϕ on x-sec sheet from
 sta 104 to 113. Fin. plot & ink
 11:45 sec. into water 107+00 to 111+00.
 1:10 } Work on x-sec Level notes
 3:00 }
 4:00 } Fin x-sec Level notes revision.
 5:00 }

SUNDAY 19 **11** 51 FEBRUARY

42nd
Day

Thomas Alva Edison, Born 1847—1st Sunday in Lent

323 Days
to come

MONDAY 19 **12** 51 FEBRUARY

Clear Cold - 37

43rd
Day

Abraham Lincoln, Born 1809—Georgia Day (Ga.)

322 Days
to come

7:45 Moe & clayt fin up sections on S.A.R. 14 so Don can take them to Park Rapids.

I continue on S.A.R. #1, until Clayt helps me check BM levels on X sec notes then we reduce same & I read them to him for prof. design sheet - I plot profile he checks & I ink profile on North run, ready for laying grade.

Drive out to whipholt in P.M.

| SAR | Final Grade | Balancing | Field Checkings | L ³ ALIGN | X sec topog. |
|-----|-------------|-----------|-----------------|----------------------|------------------------|
| 1 | 5 | " | " | | |
| 1 | 6 | | " | | 152 |
| 1 | 7 | " | | | |
| 14 | 8 | | | 164+02. 196+00.5 | 161+02. 196+00.5 75 |
| 14 | 9 | | | | 164+02. 196+00.5 75 |
| 14 | 10 | | | off. | " 302 |

Clear Cool,
warmer.

TUESDAY 19 13 51 FEBRUARY

44th
Day of

321 Days
to come

7:45 Continue bal. & Laying
grade ahead of 105 but
run into trouble on curve
around Pl. 108+52.
Continue ahead - waiting
for Don to start some
grade elsewhere.

P.S. Kennedys son born
about 8:18 P.M.

Clear Fair 75°

WEDNESDAY 19 14 51 FEBRUARY

45th
Day of

St. Valentine's Day—Ember Day

320 Days
to come

8:10 Don lays out grade from 226+00
backwards - before leaving for
Peg. Lakes.

We attempt to balance
sheet 15 & 16. Clayt on grade
& elevations. Moe on P & P
sheets

Kennedy up with cigars,
before noon. He takes me
home & stays for lunch.

Can't get bal on sheets 15 & 16.
Too much dirt.

Moe & Clayt run end areas.
I lay final secs around 172 to
182. quit for day.

5:03 Don drives up but leaves
without coming to office.

THURSDAY

19

15

51

FEBRUARY

Clear Fair

46th
Day319 Days
to come

7:45 cont. laying finish grade on SAR#1 ground. 172+00 to 182+00 & 192+00 to 220+00. Rough time on curve around sta 215 & 216. Moe on. P & P sheets - does some end sections

Clayton on profile design sheet fig. & elev. laying grade etc. also doing end sections.

Weather quite warm today.

P.S. Airport survey calls office & wants someone to run levels from Y 371 & Laporte road N. to Boulder near air strip at Leech Lake store.

Don asks Moe & I if we want to take the job. - We accept for Sunday.

FRIDAY

19

16

51

FEBRUARY

Cloudy Fair 32°

47th
Day318 Days
to come

7:50 At office - take down transit enough to clean leveling screws.

8:40 Continue balancing & laying grade - Moe starts on p & p sheets but is taken off when Fed Bur. of Rds. man asks for someone to show him to Winnie area for sand & Gravel sample.

10:00 Don looks over design around 168+00 to 178+00 & changes grade Clayton & I continue balancing.

12:00 Car wont start - walk home with grocs. Dad B picks me up.

1:00 Bring egg cartons. Cont. balancing also work some on p & p sheets.

Moe came in with Bureau man about 4:40.

Don had left for Park rapids 5:05 Car Starts.

SATURDAY 19

17

51
FEBRUARYClear Fair
Melting48th
Day

Ember Day

317 Days
to come

8:00 At office - clayt there.
We work on Balance Sta
172 +00 178 +00 \$178 +00 to 184 +00.
Don comes - Moe calls to
say he will not be to work. Has
a cold.
Don going to Park Rapids
today.

2:00 Dick & I go to SAR #14 via
Elwell. Get extra readings
on streams around 100 +00
to 103 +00. Home via Peg. h.
had flat as we pulled into
Pine River - Rear right - old tire.
Get Blue Seal (in trunk) repaired
at Sinclair Oil.

5:30 Home.

M - 94

P.S. Saw Moe at show to night.

SUNDAY 19

18

51
FEBRUARYClear Fair
Melting49th
Day

2nd Sunday in Lent

316 Days
to come

8:30 Pickup Moe at court house. We
Run levels from BM. Top of Head
wall near PC of curve from LaPort
Road going S. on 371. ELEV
supposed to be 1312.37. We go
N. on 371 turning mostly on stone
in B.T. along rt edge of top. to
wh. Post 2630' S of intersection
of CAR. at Leech Lake Store & 371.
Supposed to be a spike with elev
1332.15 in wh. Post. found none
but drove our own. Elev 1346.06
Run on up to Boulder 27' W Sta
3 +00 on E AIRSTRIP ELEV. 1363.86
12:30 Home. ATE DINNER.
2:00 Drove whole family to Pillager.
Dick & I took shots in creek bed
176 +00 Lt 50', 177 +02 Rt & Lt. &
177 +42 Rt 71' South end bridge.
& N end bridge. Ate treats at
4:10 Parsons cafe
5:00 Left for Brainerd & Walker.
6:55 Home.

MONDAY 19

19

51

FEBRUARY

Cloudy Fair
Melting

50th
Day

315 Days
to come

315 Days
to come

8:05 Continue Balancing 185+00 to
207+00, OK. Stalled from 175+00
to 185+00

Moe on p. & p. sheets.

Clayt on design profile.

I lay final x-sec.

Moe & Clayt planimeter.

TUESDAY 19

20

51

FEBRUARY

51st
Day

314 Days
to come

8:05 Continue bal. 175+00 to 185+00.
Work on grade behind. 154+00
to 164+00.

1:00 Go to bridge North of Narrows
at Ingadona. take bridge
sounding. 6' North of south
edge of bridge & 19' West.
went to 103 blows. at 34'
below ice.

M-68.

Flat on front right Nash
(Atlas tire) Near Gene Severs.

WEDNESDAY 19 21 51 FEBRUARY

52nd
Day

313 Days
to come

7:50 Op. Office. Clayt comes in soon after. We continue laying grade, X-sec, balancing fin. 175 to 185. Work around 154+00 to 165+00.

Moe on P&P sheets. also planimeter.

Don left for Engrs Conv. at St Paul. after. Noon.

Dorothy drove Nash to Hackensack to Dr Muskatlin, Odometer Reg. over 40,000. (in AM.)

THURSDAY 19 22 51 FEBRUARY

Cloudy Fair,
Melting

53rd
Day

George Washington—Born 1732

312 Days
to come

8:00 Clayt on hand we continue laying grade & balancing fin 154 to 165 - look back around 104+00 to 116+00 - to near bank for good ditch - probably have to make another paper change with a $3^{\circ}15'$ or $3^{\circ}30'$ curve. Trouble ahead with cut on right from 146+00 back to 140 to great - may have to make paper change on curve & raise grade.

FRIDAY

19

23

51

FEBRUARY

54th
Day of

George Washington - 1732

311 Days
to comeCloudy Fair
Rain in P.M.

7:50 At Office., Clayt comes,
Moe comes, Continue bal-
109 to 145 too.

1. lay out sections for fill
in thoro fare. & cut in hill
on left just S. of it.

Still short about 8000 yds.
raise grade at 143 too.
to loose more dirt.

Moe on p & p, planimeter,
Clayton p. Design, bal i planim
Sabo called from Duluth
about Levels. said a loop
would be ok. to check within
10' - I said I would have them
for him by Monday next.

SATURDAY

19

24

51

FEBRUARY

55th
Day of

St. Matthias, Apostle

310 Days
to comeCloudy Fair
Rain nearly
all afternoon.

7:50 Open office. Moe comes
but Clayt. doesn't. I work
on h^or curve PI at 108 +
figure offset for 3°30' &
3°15' curve decide to use
3°30' to relieve situation
at 107. & 108. Also raise
grade & plot sections.
Moe on SAR #5.
final x-sac. sheets.

Walk over to Al Gathman's
& borrow valve lifter & grinder.
stick go down town & get
compound walk home. Work
on jeep - jerk head.
Rain all P.M.

SUNDAY 19

25

51 FEBRUARY

56th Day

3rd Sunday in Lent

309 Days to come

Cloudy Fair,
Melting (Rain)

9:30 Pick up Moe & drive up to landing strip - run levels back to BM - headwall at culv. on LaPort road 600' west of 371. .08 off.

12:00 Come in - take Moe home, back to office - write letter to Jack R. Salo Duluth Minn. & send notes, bill & withholding exemption slips.

Work on jeep motor in P.M. lifting & re seating valves.

SAR #1
Bal. PFP.

CAR #59 SAR #5
Bn. Sound.

| SAR | Day | Notes |
|-----|-----------------------|-------|
| 19 | M.C. & J. | |
| 20 | M.C. & J. 1/2 day. | |
| 21 | C. & J. M. | |
| 22 | M.C. & J. | |
| 23 | M.C. & J. | |
| 24 | M. & J. | |

M = Moe, C = Clayt, J = Jim.

MONDAY 19

26

51 FEBRUARY

57th Day

308 Days to come

Cloudy Fair
Colder in PM -
Snow,

7:55 Office - continue balancing around 107. & 108. Don gets in after noon from St. Paul & Park Rapids. We arrive at total balance for job & call Don in to review the job. Ok's 3'30' LOR for P.L. 108 + Change slope to 2:1 at st 138 + to 145 + - Also correct sections where irregularities can be smoothed out. borrow old road grade etc.

Clayt - on balancing & planimeter - correcting design profile.

Moe on SAR #5 most of day - (was 25 min. late)

Mailed letter to J.D. Salo - Registered .35¢.

TUESDAY 19 27 51 FEBRUARY

Clear Cool

58th
Day

307 Days
to come

7:50 Don at office when I arrive. Clayt comes. Clayt starts planim around 145 to 138 on yesterdays changes, also other sheets. back to sta 95+00. I record new areas and prepare for new balances. We balance & find 997^{cut} yds over at thoro fare. Loose enough on old road borrow from 131 to 134 to come to 74 yds short of fill. Let it ride. Clayt & I start checking end areas from design sections to bal. sheets. from sta 3+50 to 121+00, then check yardage for same. Also put entrances on design sheet & bal. sheets.
5:00 Moe on SAR #5 all day.

WEDNESDAY 19 28 51 FEBRUARY

Cloudy Cold
Stormy in PM.

59th
Day

306 Days
to come

7:50 Clayt & I continue checking balance sheets find some errors in transferring end areas to bal. sheets. Figure 132 shrinkage factor to take up diff. & balance from North end back to 164 + --

Don calls Clayt about 3:00 PM & tells him to start for home if he is going at all. - Clayt leaves about 4:00.

Moe on SAR #5 till 4:00. then helps me on SAR #1.

Snow started to fall about 2:00 PM. Continued thru evening

THURSDAY 19

1

51 MARCH WED

Cloudy Cool

60th Day

305 Days to come

7:50 Check excav. totals - 112,250
 Don thinks 'to much - lowers
 grade from 175+85 to 185+00
 - loose about 900 yards.
 Start inking grade on
 p & p sheets
 Moe putting excav &
 embankment & balances
 on x-sec sheets
 Clayt checking design
 sheet.

About 8" of snow according
 to Jack McQueen.

Had clayt Collard over
 for lunch.

FRIDAY 19

2

51 MARCH

Unsettled Cold.

-8°

61st Day

Texas Independence Day

304 Days to come

7:55 I continue final grade on
 p & p sheets
 Clayt checking profile design.
 Moe putting dirt & bal
 on x-sec sheets. till pen
 points come then goes
 on lettering on p & p sheets

Drove Nash to work today -
 had Clayt help me load two
 kegs of Nails from the farm
 at noon.

Snowed off & on today.

I fin & grade on p & p sheets

SATURDAY 19 51 MARCH

3

62nd
Day

303 Days
to come

8:10 Ride to work with C.D. Bacon
this morning. Had chains on
& took lake road - nothing
cleared till we hit #34.

About 12" to ~~14"~~ of snow.

Clayt waiting when I
arrive. Moe comes soon
after.

Clayt getting a little more
dirt around 168+80 for
Pub road Lt. & rt.

I start inking fin X. Sec.

12:00 3+50 to end of sheet #6

Moe inking lettering on
p&p. [Had to leave abt 9 to
10 AM to move car for Dr. Mushka.]

Don lets Clayt go today as
we have job under control.

SUNDAY 19 51 MARCH

4

63rd
Day

302 Days
to come

4th Sunday in Lent

MONDAY 19

5

51 MARCH

Cloudy Fair

64th
Day301 Days
to come301 Days
to come

8 8:05 Lorraine & Don at Office.

I continue inking final sections on x-sec sheets. ^{SAR#1}
also check Entrances & ink in. Moe on p&p sheets inking lettering. Don on typical sec. sheet & on SAR#s Black top.

17 Earnie Whipple in today. In P.M. I start putting yardages on x-sec sheets from where Moe left off last week when lettering point came. END sheet #9.

TUESDAY 19

6

51 MARCH

Clear Cool-

65th
Day300 Days
to come

7:50 Open Off.

I cont showing balances on x-sec sheets - also yardage. Moe inks sta, elev & yardage on x-sec sheets. 0.1" INK bal. yardage & sta 0.2" & start to clean sheets. Board meeting today Don gone most of day.

WEDNESDAY 19

7

51 MARCH

Cloudy Cold -10°
Snow in P.M.

66th Day of

299 Days to come

8:00 Open Up. Start tab on Clearing & grubbing alternate with cleaning x-sec sheets as fast as Moe finishing sta, elev. & EXCAV. EMB, fin. latter about 4:50 P.M. Gr. & Cl. to 127+00,

THURSDAY 19

8

51 MARCH

Clear Cold -5°

67th Day of

298 Days to come

7:50 Moe penciling in balances on P & P sheets.

I continue totaling Clearing & Grubbing from x-sec sheets & topog. notes. I also list all culverts on existing & as to sta. & size.

I Check x-sec sheets for omissions - Moe inks them in.

I check dirt at Pub-ent. left 168+80. Find about 450 yds short probably due to Clayt's planimetering exaggerated section on design profile. Redesign excav. on & to get required dirt.

5:00

68th
Day

FRIDAY 19

9

51
MARCH

Clear Cold. -20°

297 Days
to come

8 7:50 Don At Off. - Show Don
redesign on & excau around
pub. road Lt Sta. 168+80.
Ok to go ahead. Make required
changes, Moe inks same.
Check Moe's bal. points &
figures - proceeds to ink same.
I recheck some Cl. & Gr. 3+00
to 93+00. Show some loss
acrage but total still
high 10.81 Acres.

Start loose leaf notes
for staking Cl. & Gr. on job.

Don over to Remer in
P.M.

69th
Day

SATURDAY 19

10

51
MARCH

Cloudy Cool 16°
Wind

Snow in P.M.
296 Days
to come

7:45 Open Office

Continue on Cl. & Gr. Cut
down acreage where brush is
concerned. Moe changing
figures I work from x-sec. sheets.
12:00 Up to Sta. 220+00

SUNDAY 19

11

51

MARCH 1952

70th
Day of

Passion Sunday

295 Days
to come

Cloudy fair
Snow

light snow all day.

MONDAY 19

12

51

MARCH 1952

71st
Day of

294 Days
to come

Cloudy fair
Snow.

S.A.R. #1

7:50 Open Office - Moe soon after.
Enter Cl. & Gr. on P & P. 9.95
Acres total. Moe continues
inking on p. & p. I enter ties
on sheets 1, 2, 3, 4 & 5. p. & p.
also redraw pub. ent. data
at 6:00 & 168 + 80

Make notes in loose leaf
for Cl. & Gr. in field.

Also list stations for
culv. on & Ent. & culv.
Rt. & Lt.

TUESDAY 19

13

51
MARCHptly Cldy Fair
clear Midday -
melting72nd
Day293 Days
to come

7:45 Don & I at off.
we start work on culv.
design for Φ & Road
Ent. I check stations &
Don designs culv.

12:00 to thro-fare -
Continue culv. design in
P.M. fin. 3:30. Place
data on p & p sheets
Not settled yet on
Aprons -

WEDNESDAY 19

14

51
MARCHClear Fair
Melting in P.M.73rd
Day292 Days
to come

7:45 Start work on Rof W. Easement
for SAR^{#1}. Make up
small scale chart showing
road Φ scale 1" = 660' (use
half of a p & p sheet,
check original list for
ownership -

Mo on P & p sheets -

THURSDAY 19

15

51
MARCHClear Fair
Melting in PM.74th
Day291 Days
to come

7:50 Don at office - Going to Cass Lake. Lorraine comes about 8:10 Don leaves instructions for getting out road restriction signs. I help & Mail same. Parcel post (over 8 ozs). I continue work on right of way - recheck ownership with Register of deeds office. Also on SAR #14 w. of Pequot Lakes.

1:00 Don leaves instr. for me to take Aprons off side roads & put them on & except 129+15 at +horo fare.

Moe puts special ditches on p & p sheet (goes up to abt. 85+00.)

FRIDAY 19

16

51
MARCHClear & Fair
Melting -75th
Day290 Days
to come

7:50 Don starts writing format for easement on R.O.W. I take over in A.M. and continue rest of day.

Moe & Don on p & p sheets also sheets 1- & 2.

Cloudy Cool
SATURDAY ¹⁹ 17 ⁵¹ MARCH

76th Day of

St. Patrick's Day

289 Days to come

76

7:50 I continue on R.O.W. easement writing.

Had some difficulty checking ownership along south & North end of lake shore - Govt lot 2 (S), 5 (N).

Don suggests we come back in P.M. so we can clean up work by Mon. Noon.

1:30 Same as in forenoon.

Get to Sec 29-134-30

where we have difficulty ~~for~~ determining C of section may be on W. side of 400 road.

Don leaves abt 3:00.

Moe " " 4:00.

Cloudy Cool
SUNDAY ¹⁹ 18 ⁵¹ MARCH ¹⁰⁴⁰¹²¹¹

77th Day of

Palm Sunday

288 Days to come

77

MONDAY 19

19

51 MARCH

78th
Day

Monday in Holy Week

287 Days
to comeClear Cold 2°
windy.

7:50 Don at Off. I work on 17
R. of W. easement for SAR #14.
draw up sketch of Φ and
put ownership on.

Don left for Park Rapids
early.

Moe on p & p sheets SAR #1.

12:00 nearly through.

1:00 Don comes with plans
on SAR #17 (CAR #14)
We immediately start on
them. Moe & Don on
culverts entrances
first, then Φ . -
I start figuring clear
ing & grubbing -

TUESDAY 19

20

51 MARCH

79th
Day

Tuesday in Holy Week

286 Days
to come

7:45

SAR #17

I continue on clearing &
Grubbing Moe & Don on
culverts & quantities for
sheet #2. —

I fin clearing & grubbing
by 5 PM & show same on
p & p sheets inking limits
& penciling stations & ants
for Moe.

7:00 Back after supper to
clean up what we can -
9:00 quit for day, think we
can wind it up for tomorrow.
by 2:00 P.M.

WEDNESDAY 19

21

51

MARCH

Clear & Fair
Melting
Some

80th
Day

Wednesday in Holy Week—Spring

285 Days
to come

7:30 Don & I check eulverts
& link in approaches
& eulverts on X-SEC sheets
Moe ink lettering on
p & p sheets, & 1st & 2nd
sheets.

Punch & fasten SAR
#1. Moe finishing up
ink lettering on SAR#17

2:30 Finish & fasten letter &
Don leaves for St. Paul
going to stop in Brainerd
to get OK, then to St
Cloud, for overnight.
then to High way dept in
St Paul & will be in hotel
City, Iowa for Sunday.
I continue writing R.O.F.W.,
Easement for SAR#1.
Finish & start same for
SAR#17.

Moe on funds for SAR#5

THURSDAY 19

22

51

MARCH

Clear & Fair
Melting Some

81st
Day

Maundy Thursday

284 Days
to come

7:50 Continue easement on R.O.F.W.,
for SAR#17. Send Moe
down to R.O.F. Deeds off to
clarify a couple of parcels,
church & H.E. Hanson. -
Moe on SAR#5 most of
Day.

Get thru 11 parcels to day -

FRIDAY 19

23

51

MARCH HT

Slow to w
waited some

82nd
Day

Good Friday

283 Days
to come

Did not work today -
Good Friday -

SATURDAY 19

24

51

MARCH

Clear & fair
Melting - some

83rd
Day

Easter Even

282 Days
to come

Did not work today -
Don had said to take fore
noon off.

Did tappet setting on jeep -
took Al Gathman's tools
back.

SUNDAY

19

25

Easter Day

84th
Day of

281 Days
to come

Ptly Clear & Fair

51 Malted
MARCH 1952

MONDAY

19

26

51

MARCH

85th
Day of

280 Days
to come

started to reassemble jeep,

Went to A. Carl Peterson -
chiropractor out woman
take road for adjustment.
Road getting soft. Looks
like restrictions should
be on soon. practically no
snow left on road bed,
lots on shoulders & ditches.

Went out to whipholt - not
home. May have passed
them coming to our place.

7:59 Open off. continue on R. of W.
easement for SAR #17.

Moe on SAR #5.

Don did not return from St
Paul today.

TUESDAY 19

27

51 MARCH

86th
Day of

279 Days
to come

7:55 Don & Moe at office.

I continue on easement
for R of W on SAR #17

Moe on SAR #5 finals.

Don wants to get started
on wind up of old Bar
Harbor job - This had been
started a couple of years
ago but after the bridge
had been put in had been
dropped for lack of funds.

Don leaves to drive over
some roads for inspection
for restrictions. —

Moe goes home sick about 10:30
stays home rest of day.

WEDNESDAY 19

28

51 MARCH

87th
Day of

278 Days
to come

7:50 Don & I look for Bar Harbor
job. Find it under SAR #13.
Takes awhile to sort out
pretaining material.

Moe gets started on inking
& elev. & station.

I start at end of project
74+80 & balance toward
bridge.

Don goes to Cass lake
& territory today.

THURSDAY 19 29 51 MARCH WED

88th Day of

277 Days to come

Don at Off.
7:45 | continue balancing on
SAR #13 Moe between
planimetering SAR #13
inking & finals on SAR #5.

FRIDAY 19 30 51 MARCH

89th Day of

276 Days to come

7:50 | Don at Off.
| continue balancing SAR #17
Moe between planim - SAR #17
& Finals SAR #5.

SATURDAY 19

31

51 MARCH

90th
Day of '51

275 Days
to come

light snow,
fair.

7:50

Don at Off.

I am on last bit of
balancing from \$0+00 back
to 24+50. restricted on
R.O.W. because of lake shore
property. - SAR#13.

Moe on SAR#5

SUNDAY 19

1

51 APRIL

91st
Day of '51

1st Sunday after Easter

274 Days
to come

MONDAY 19

2

51 APRIL 1952

Warm. Clear
Melting fast,

92nd Day of

Annunciation B. V. Mary

273 Days to come

7:50 Don at off.

Moe on SAR # 5 finals.

I am trying to finish grading on SAR # 13 adj. to bridge at Bar Harbor.

Road restrictions on today. 4 ton gross.

TUESDAY 19

3

51 APRIL 1952

Clear, Warm
Melting fast

93rd Day of

April 1952

272 Days to come

7:50 Don at off. - 1 fin. balancing ahead of bridge. start at 1:50 as 00. & start balancing to bridge -

Moe on SAR # 5 most of time.

Don busy with commissaries most of day. - letting of contract for equipment rental - Walt Andrews gets same. -

WEDNESDAY 19

4

51 APRIL

Clear warm
Melting fast94th
Day of

St. Joseph

271 Days
to come

Don at Off.

7:50 Continue balancing from 0-2
to 18+75 on SAR #13 Bar
Harbor. —

Moe on SAR #5 final.

Don working on financial
report with Lorraine. cant find
*4700.00 item to balance liabilities
with Assets.Don going to Bemidji in PM.
to get glasses checked & get
new Mercury. Asks me to see
if I can find error in balance
sheet.12:00
1:00 I spend about 4 hours
on same but do not find any
thing definite.Spend last hour finishing
up balance on SAR #13 Bar Harbor.

THURSDAY 19

5

51 APRIL

Clear warm.
Melting fast.95th
Day270 Days
to come

7:50 Don at Off.

I continue to work on
financial sheet. & narrow
down error to 2 items
from each sheet.Assets, Accts rec 44,174.97
Cash Bal 24,383.93
\$68,558.90Liabilities liab 32,706.16
State Aid 31,152.74
-63,858.90
*4700.00Most likely in state aid as
this item is arrived at in
odd manner.4:40 Finally find error 2000 in
Available aid subtracted from
Av. Surplus & 15,300; Appeared twice.
diff \$4700.00.

FRIDAY 19

6

51

APRIL

Cloudy cool
melting.
Raining in AM96th DTB
Day 2 of

Army Day

269 Days
to come

Open Off.

7:50 Start inking design profile
on P & P sheets SAR #13 Bar Harbor
Moe on SAR's finals. -
Don not in office in AM.
Comes in for 5 minutes in
P.M.

1. nearly fin inking design
profile & alignment from
0-200 to 19+00 - reink in
wider line from 24+50 to county
line 77+15.

SATURDAY 19

7

51

APRIL

Cloudy cool
melting
Snowing in AM.97th DTB
Day 3 of268 Days
to come

7:55 Open off.

Fin odds & ends of inking
on SAR #13 (Bar Harbor).
Moe starts finish work
on sections - penciling in
& checking excavation & fill
1. Find Equation does not

12:00 check so bunch till next
Monday.

SUNDAY 19

8

51

APRIL

Cloudy: fair
melting -
snowed in night

267 Days
to come98th
Day

2nd Sunday after Easter

Start jeep up today runs
OK. Thermostat left out motor
runs very cool.

Pull up a couple of logs
with jeep.

McConnell's came over in
evening.

MONDAY 19

9

51

APRIL

Cloudy fair
melting.

266 Days
to come99th
Day

7:50 Don at Off - SAR #13

1 fin. correcting equation -
find 0-159.7 should be
0-220.3 as the LOR alignment
was backed in from L³PT
10+72.3

Don & I check my
R.O.W. easements for
S.A.R #1 - Pillager. - I had
missed 2 & described 2
wrong. also left off
12:00 slope exceptions for 2

1:00 Start SAR #17 in PM.
but find gen error in
description & slope
so I recheck & correct

1:20 Don leaves. -
Moe on SAR #13
sections -

TUESDAY 19

10

51

APRIL

Cloudy fair
rain to snow over
night
snow to rain
during day. 265 Days
to come

100th
Day

7:50 Don & I open off.
Moe in about 8:30.

Don starts putting owner-
ship on set of S.A.R. #17
prints - I fin. checking
Acerage & description
on S.A.R. #17

Don up to Bull Club to
meet H. Cheney.

Moe on S.A.R. #13 sections
(linking excav. & emb. quantities)
12:00 and p&p sheets.

Antell from Margaret
lake - near north end Gull
Lake in about black topping
a mile of county road from
Lake Margaret narrows south
west along Margaret Lake
shore to county road running
N.S. on sec. line.

WEDNESDAY 19

11

51

APRIL

Cloudy, fair
Snow in night &
AM
THIGHT

101st
Day264 Days
to come

7:55 Don at off. We check -
S.A.R. #17 RofW. easement
workage - I correct several
Don starts R. of W. Easem
ents on National Forest
Service road to Winni. Dam.
Moe inking - lettering on
S.A.R. #13 p&p sheets
Don gone most of P.M.

THURSDAY 19

12

51

APRIL

Cloudy fair
Snowing102nd
Day of263 Days
to come

FRIDAY 19

13

51

APRIL

Cloudy fair
Cleared in AM,
melting

Thomas Jefferson—Born 1743

262 Days
to come

Don at Off.

7:55 Moe starts typing easement
for RotW. SAR #1 does
12 parcels.

I do some filing in
manual - correct yardage
shortage on SAR #13.
ground sta. 63+00. - &
73+45 pick up about
650 yards. -

P.M. Don & I work on
R.of W. easements for
SAR #9. Nat. For. Service
road to Winnie dam.

He reads dope from
hard shell. & Dept of Agri.
maps. & I write up -
easements. -

103rd
Day of

8:00 Moe at Off.

Moe continues typing
R.of W. easements for SAR
#1. fin to 168+80 as
far as can go for present.

Starts typing same for
FH 8 TH 2 near Benga to
Winnie Dam. I continue -
writing easements for
FH 8 & fin. at 3:15. -
Wally Maizer in today, in
P.M.

Jury reaches decision on
Marion - Miller case
\$20,000.00 for Marion.

SATURDAY 19

14

51 APRIL

Cloudy
some snow.104th
Day of

261 Pan American Day

261 Days
to come

Saw & Heard 1st Robin

7:50 when I got to work.

I take off clear & Grub
from topog. notes on SAR #13

PWS. 1431

Moe on R of W. easement
for SAR #9 Bena - Winnie
dam.Don on Air Patrol 8:10
& 11 to 12

Don called me at home
after supper. He would
be going with Chick Ever-
hard after show -
would return by way of
Pillager, Monday, 16 and
back to Walker, by noon.

SUNDAY 19

15

51 APRIL

cloudy, windy
cold.105th
Day of

3rd Sunday after Easter

260 Days
to come

9:45 Take kids to S.S. & get transit
from off. to lay out lots for
R. Kennedy, Fred & Don Fisher.
find iron at N.W. corner of
block. Art Peterson shows
us spike in sidewalk near
corner of baseball field, -
which marks N edge of street
60' wide. - I meas over 60'
and line with iron at N.W.
corner of block, - meas 300'
east of iron for N.E cor
of block set on peg and
run east line (miss two stakes
up in next block by abt .5') I
move east correct and set
3 stakes up the hill^(N) at 80,
160' & 240' meas west 140'
set on peg turn rt L miss
stake in next block by abt .3'
correct & run 80, 160 & 240'
on alley..

MONDAY 19

16

51

APRIL

ptly cldy
cool

106th
Day

259 Days
to come

8:00 Moe at off. fin. Rofw.
8:30 easement typing on S.A.R. #9.
I contin. on Clear & Grub.
for S.A.R. #13.

Moe starts on S.A.R. #13

At first Don thought we
could get this fin for him
to take along wed. but gives
it up today

TUESDAY 19

17

51

APRIL

Clear fair

107th
Day

258 Days
to come

8:00 Don has both Moe & I
type easements for S.A.R.
#17 (Peg. Lakes).
work all day we each
turn out 12 parcels. —

WEDNESDAY 19

18

51

APRIL

Clear fair
Dly cloudy

108th
Day

257 Days
to come

8:00 Don getting ready to leave
for St Paul. Will stay at
Sheridan. Leaves abt 10:00

Moe finishes up 4 parcels
of R.O.W. easement for SAR #17
(Pequot Lakes) then takes
up on SAR #13 (Bar Harbor)
where we had left off.

I cont on SAR #13 also.

I Type out duplicate
copies of land owners on
Job SAR #1 & 17.

Ernie Whipple comes
in P.M.

THURSDAY 19

19

51

APRIL

Clear fair
Cool wind.

109th
Day

Patriots' Day (Mass., Me.)

256 Days
to come

7:50 I open off. - Moe soon after.
Moe continues inking lettering
on S.A.R. #13.

I check entrances, emb.,
and ink entrances in
Put on Clear & Grub.
checking & culverts.

FRIDAY 19

20

51

APRIL THURSDAY

110th
Day of255 Days
to come

7:50 I open off.

Check entrances for
culverts. SAR #13.More working on P & P
sheets SAR #13.4:20 Start assembling financial
report, Moe, Lorraine
5:00 $\frac{1}{2}$ 1.

SATURDAY 19

21

51

APRIL WEDNESDAY

111th
Day of254 Days
to come8:10 Don. at off. Moe. at off.
Cont. on assembly of
fin reports.Cont. clean-up of SAR #1
R.O.W. easements. S. Britton
E.O. Miller etc.

Moe on Plans SAR #13.

started drilling well on
place south of Walker -
Dick $\frac{1}{2}$ 1 got down 19 feet.

SUNDAY 19

22

51

APRIL

Clear
very windy.112th
Day

4th Sunday after Easter

253 Days
to come

Roads should dry up very rapidly

MONDAY 19

23

51

APRIL

Clear
Unsettled.
Some wind.113th
Day252 Days
to come

7:55 Don at Off. talking with Kazan (center stripe contractor).

Mo on SAR #13 cleaning up culverts & notes

Don phones E. Whipple & makes date for Wed 2:00 P.M. to meet land owners along SAR #1 for R of W. easement Olson (Supt. of schools) in Longville going full fill. Don calls W. Maizer.

1/2 clean up 2, R of W, easement, parcels on SAR #17. This is all parcels all jobs.

1:30 Take 3 parcels for SAR #17 & 5 parcels for SAR #9 into Ed Rogers for condemnation proceedings.

TUESDAY 19

24

51

APRIL

Clear & Fair
Warm114th
Day251 Days
to come

Don at Office
8:00 to Pequot Lakes for
land owners meeting to
sign for R.O.W. Easements.

SAR # 17

I start adjusting transit
take base plate home at
noon to try to cut surface
smooth on disc sander.

1:65 Comes out very good except
for two depressions.

Take instrument out
side to try out leveling
adjustments.

Moe monkeys with
level. — SAR # 5 final 1/2 day

WEDNESDAY 19

25

51

APRIL

Clear & Fair
Warm115th
Day

St. Mark, Evangelist

250 Days
to come

8:00 Moe in off.
Don comes & prepares to
go to Pillager for R.O.W.
Easements. Meeting. —

Get on SAR # 5 final
to try to clean them up be-
fore we have to get into
field. —

I start Planimeter on
sheet 4, sta. 40+50 contin.
to sheet 7 sta 90+52.

Moe fin up SAR # 13 in
A.M. (Working on Walker
plat till abt 2:30) then
starts to reduce notes for
last 3 sheets of sections.

SAR # 5

Don had good luck at
Pequot Lakes. Every body
signed — no money. —

THURSDAY

19

26

51

APRIL

Partly Cloudy,
Fair.116th
Day of

WEDNESDAY

249 Days
to come

8:00 Don at office
start checking Constr.
Notes & Diary for info-
concerning SAR #5. Gus
Hagland asking for time
extension on basis of DR
of W. Easement. (2) Removal
of power & tel. poles (3)
Late del. of Culverts.

10:30 Larson of Park Rapids
(county Highway) dropped in.

10:50 Don & He left for Coffee.
Moe plotting sections
for finals on SAR #5

FRIDAY

19

27

51

APRIL

Cloudy - fair
Rain.117th
Day of

U. S. Grant - Born 1822

248 Days
to come

7:30 Moe & Jim Bennett at office
Pick up gear & leave for Tobique
Looks like rain - Odo 40790. -
started to rain as we drove
son 371. Took Mabel Lake
route to Tobique. Pretty
fair, occasional spot where
water was running across
road in narrow ditch.

Good bottom all the way in.

9:10 Arrive Tobique. Set P.T. for
last curve & Put picket on
spot. Set up inst. at tracks
on & of crossing plank and
line on picket - plunge &
set P.I. in Wernerts garden
South of tracks - 175' from
& of South track drove up
to South abut. of Overpass. Rain
steady. back up & go to store
eat lunch about 11:30 back on
1st P.I. 12:15 Clean up LS for 3 curves
L run & from 0 to PC to 13+77.7
PC last curve before rained out.

Rained all the way to
Ranger. part way to walker
5:30 walker

4:15

SATURDAY 19

28

51

APRIL

Unsettled Fair
warm

118th
Day of

U.S. Coast & Geodetic Survey

247 Days
to come

SUNDAY 19

29

51

APRIL

Unsettled Fair
warm

119th
Day

Rogation Sunday

246 Days
to come

8:00, worked in off. 1/2 day on
finals for S.A.R. #5

More plotting final
sections. I run planim till
Moe fin-plotting.

Then start on recording
end areas & fig. yardage.

MONDAY 19

30

51

APRIL

Unsettled
Fair
rained in
night.120th
Day of

Rogation Day

245 Days
to come

8:10 Don & Moe in Office.

I waited for Dick & Brod him
along to school. (Carried Ed Keating's papers)Work on SAR #5 Finals
Recording end Areas & figuring
yardage. —Moe on planim. SAR #5
Finals.Bud Boylean & Mr. Severson
in from Remer.

TUESDAY 19

1

51

MAY

Unsettled Fair

121st
Day of

St. Philip and St. James, Apostles—Rogation Day

244 Days
to come

8:00 Don & Moe in Off. —

Don wonders why I haven't
gone back to finish the
Tobique survey - weather
too uncertain.Continue on SAR #5
recording end Areas & getting
yardage. Had to set up a
special set of notes on
sub cut came to nearly 600010:00 yds. Had to stop to run in
road alignment on govt map for10:30 SAR #9 Winnibigoshish dam.
Moe planim. entering SAR
#5 Finals.

Raining off & on all day

P.S. Ice gone from lake May.

19
WEDNESDAY

2

Unsettled Fair
Warm.
51
MAY 31

122nd
Day of

Rogation Day

243 Days
to come

M40916

- 7:30 Pick up Moe & Jim Bennett.
Don at off - start off for
Tobique - Go by way of Renner.
Road OK. except a few places
"Y" turn off for Tobique bad.
- 8:45 Arrive - start sections at
0+300 & run to 8+00 stop &
re-run L at 2nd curve. R.I. =
10 + 92.4 - checks with first
- 11:40 run A = 105° 36' - stop for
Lunch. Eat in Verne's Grocs.
- 12:40 Continue sections to 13+00
then fin running & - last
curve & tan. to 22+00.
Take sections - Take land
line & L with R.R.
- 5:00 take topog. fin.

Pick up some flower plants
and take Forestry Road back
to 39 & to Walker.

M40996.

M = 80.

19
THURSDAY

3

Unsettled Fair.
Warm
51
MAY 31
Cloudy in P.M.

123rd
Day of

Ascension Day

242 Days
to come

- 7:45 Don & ^{Jim Kochler} ~~to~~ at off. Moe
comes. Don wants to check
on S.A.R. #13 so he can take
plans in with him - going with
Geo. Allen this P.M.
- Moe finishes a couple of
things on S.A.R. #13 plans. -
I fin-recording end areas
S.A.R. #5. Moe & I check
all end areas from sec sheets
to bal. sheets. I turn them
over to Moe to fin fig.
- 11:40 dirt from 115+00 to 250+00.
I start on Tobique re-align-
ment project. working profile.
- 12:00 Reduce notes.
- 1:30 Continue on Tob. design.
Moe fig. dirt for bal.
S.A.R. #5 all P.M.

Find turtle on Highway on
way home.

Clean it to night.

FRIDAY 19

4

51

MAY THURSDAY

124th
Day of241 Days
to come241 Days
to come

8:00 Moe in Off. - Cont. fig. dirt
for finals on SAR #5.

I continue design on
Tobique grade crossing
alignment.

Phone call from a contractor
on location of Gravel for
SAR # 17 & 1.

3:30 Also 2 contractors were in
about gravel for same - were
from Effie & Bigfork.

SATURDAY 19

5

51

MAY MONDAY

125th
Day of240 Days
to come240 Days
to come

8:00 I open off. Moe right after.
I continue on Tobique job -
have all sections plotted, first
grade laid & elev. figured,
ready to plot sections.

Moe gets total on cut
for SAR 5 - about 103,000
without subcut, which I had
figured abt. 6000.

Don came in abt 9:00 AM.
left abt 10:15 going to
pick up Maizer.

SUNDAY 19 6 51 MAY 1951

126th
Day of

Sunday after Ascension

239 Days
to come

MONDAY 19 7 51 MAY 1951

127th
Day of

238 Days
to come

7:50 Don & Moe at off.

Don relays grade I had
on tobique job. - not rolling
enough - I refigure &
elevations. lay X-sec on
X-sec sheets (2) Moe
planimeters same. -

Moe also working on
bal. sheets for SARAS^(1/2 day).

Minn Mining & Mfg Co
rep. in P.M.

I have a cold.

Took 3:30 to 4:10 off
in P.M. to show Harold
Ecker the house to be
moved

TUESDAY 19 8 51 MAY 1910M

128th Day of

237 Days to come

7:50 Don & Moe at Off.

Show Don result of grade on Tobique project - needs correcting from about 11+50 ahead to 20+00. too much dirt by 1500 yds. Don designs & I make changes - comes out ok. Moe takes over. & continues on C.A.R. # 34.

10:00 I start to show sub cut on final sheets SAR # 5 (1/2 day)

5:00

Fred Fisher in today -
Don up with Ole Braaten this P.M.

(I still have a cold)

WEDNESDAY 19 9 51 MAY 1910M

129th Day of

236 Days to come

Cloudy then cleared for all day / fair

Don & Moe at Off.
8:00 Cont showing sub cut on final sheets. SAR # 5
Moe on C.A.R. # 34.
P & P sheet.
Get notified I have to serve on Leo Palmer jury at 1:30 PM today.

(Leave off at 1:30 back at 4:40. Verdict guilty) Oatis judge.

Don had been busy opening bids on SAR # 17, SAR # 1 & Black top for SAR # 5.

(Cold still with me)

THURSDAY 19

10

51

MAY WEDNESDAY

Frost last night
Clear fair130th
Day of235 Days
to come

7:50 Opened Off.
fin showing sub-cut.
on fin sec. S.A.R. #5
Moe on C.A.R. #39 p&p
sheet.
I start to arrange
notes on S.A.R. #17

12:00

1:00 I Arrange notes on S.A.R. #1.
take time to catch
up on our daily work
breakdown for Mar. & Apr.
for Lorraines records.

Also catch up on S.A.R.
#5. Engrg time for Mar.
Apr. & May. (Moe on subcut
notes for S.A.R. #5
in PM)
Don gone all day.
Bakke (Ins) in.

Bid to Brisk Bros. for S.A.R. #17
total \$33,841.30 within 1/2 of
10% of est.

Bid on S.A.R. #1 for \$44,161.85
by Curtis & Bernard may be accepted.

FRIDAY 19

11

51

MAY THURSDAY

clear &
warm all
day.131st
Day of234 Days
to come

7:55 Don & Moe at Off.
Moe Making up a set of
notes for sub-cut. S.A.R. #5
^{all day.}
I make up notes for
Clear & Grub, & staking
for S.A.R. #17

12:00

1:00

Make other preparations
for starting, alignment,
el & Gr, R to way for
S.A.R. #17 (west of Pequot
Lakes).

Don tells me to take
sat. off. - Moe also.
I get red percale cloth
for spike ties, on alignment.
also 25# spikes 16 p.
Sharpened axes & br. hooks

SATURDAY ¹⁹ 12 ⁵¹ MAY

132nd
Day

233 Days
to come

Don had told us to take
off this morning to go
fishing or what else —

I worked at the place.

SUNDAY ¹⁹ 13 ⁵¹ MAY

Mother's Day—Whitsunday

133rd
Day

232 Days
to come

MONDAY

19

14

51

MAY

134th
Day

Monday in Whitsun Week

231 Days
to comePty. cloudy
Rain abt 10:30

TUESDAY

19

15

51

MAY

135th
Day

Tuesday in Whitsun Week

230 Days
to come

Cloudy fair

M 41063

- 7:30 At off. - Moe already there Don had been and gone. - Picked up gear to go to Pequot - stop at Hanson's, H.E. Cant help us for a couple of weeks. Leave some stakes under his shed. Go to Hartwicks - Roy can go. Start punching & from 157+62.1. Rains some from 10:30 to 11:00. Get up to 181+50 by noon. Starts raining again. In
- 12:00 to Greers for lunch.
- 1:00 Continue ahead from 181+50 to 183+00 then back in rest. from P.T. continue & to 204+00 then put in & (S), rotw., & @1 & Gr. from 201+00 back to
- 5:00 196+00 - out of 18" flats. Quit for day. Ate at Greer's

M-41126 = 63

- 7:00 Breakfast at Greers. .65
- 7:30 Pick up Roy Hartwick start staking rotw., & o.s., @1 & Gr. Station 158+00 got to 191+00
- 12:00 by noon started to sprinkle
- ~~1:00~~ In for Lunch Greers .65
- 12:50 Pick up Roy H. continue staking 191 ahead to 196. inc. met staking done yesterday. Move to PT 208+85.3
- fin running curve in to 204+00 & continue ahead to about 215+00. Return to 207+00
- 5:15 & stake back to 201+00.

R.S. Rain stopped us from 2:00 PM to abt 2:15.

M. = 23

WEDNESDAY 19

16

MAY 51

1414 cloudy fair

136th
Day

Ember Day

229 Days
to come

O.D. M-41193

- 7:25 Breakfast Greers .65
- 8:00 Pickup Roy clean up. Cl & Gr. around 196+00 to 201+50. continue to 207+50 & start staking. I go back to Henry's for stakes - Don talking to the boys when I return. Don & I go to Dodgins corner & Church to look over ditch & Back slope situation. Don leaves - we stake to 215+00 then I set at 229+33.3 & punch G then dist stakes
- 8:30
- 12:10
- 8:30 & set to 251+82.7 P.O.T.

M004-1419 M=85

THURSDAY 19

17

MAY 51

cloudy fair.

137th
Day

Ember Day

228 Days
to come

O.D. M-41278

- 7:00 A + off. load stakes 600 with us.
- 7:30 Moe comes - we go down town to find Don - with chick Everhardt.
- 9:00 On job - find nail at 251 P.O.T. Set Flag. Pick up R. Hartwick after unloading 450 stakes at Henry's. Run & cant find nail at P.O.T. 267+96.4 Chain in from ties & set. run line up to this point then go ahead to locate I.P. on City line - have hard time finding - finally plunge from P.O.T. & locate - tie from Oak (S.E.) not too clear, no spike.) (Other oaks around.) Find P.O.T. is off abt 2 Continue & ahead
- 12:00 to P.C. 275+38.4
- 1:00 Set stakes from P.O.T. 250+ ahead to 276+38.4
- C. Reatd Bill Watters.
- 5:00 in fort trench. Supper.

O.D. M-41355 =

M=77