

OFFICE OF  
RAMSEY COUNTY ENGINEER

# CONSTRUCTION DIARY

EAST CO. LINE ROAD

PROJ. NO 27-04



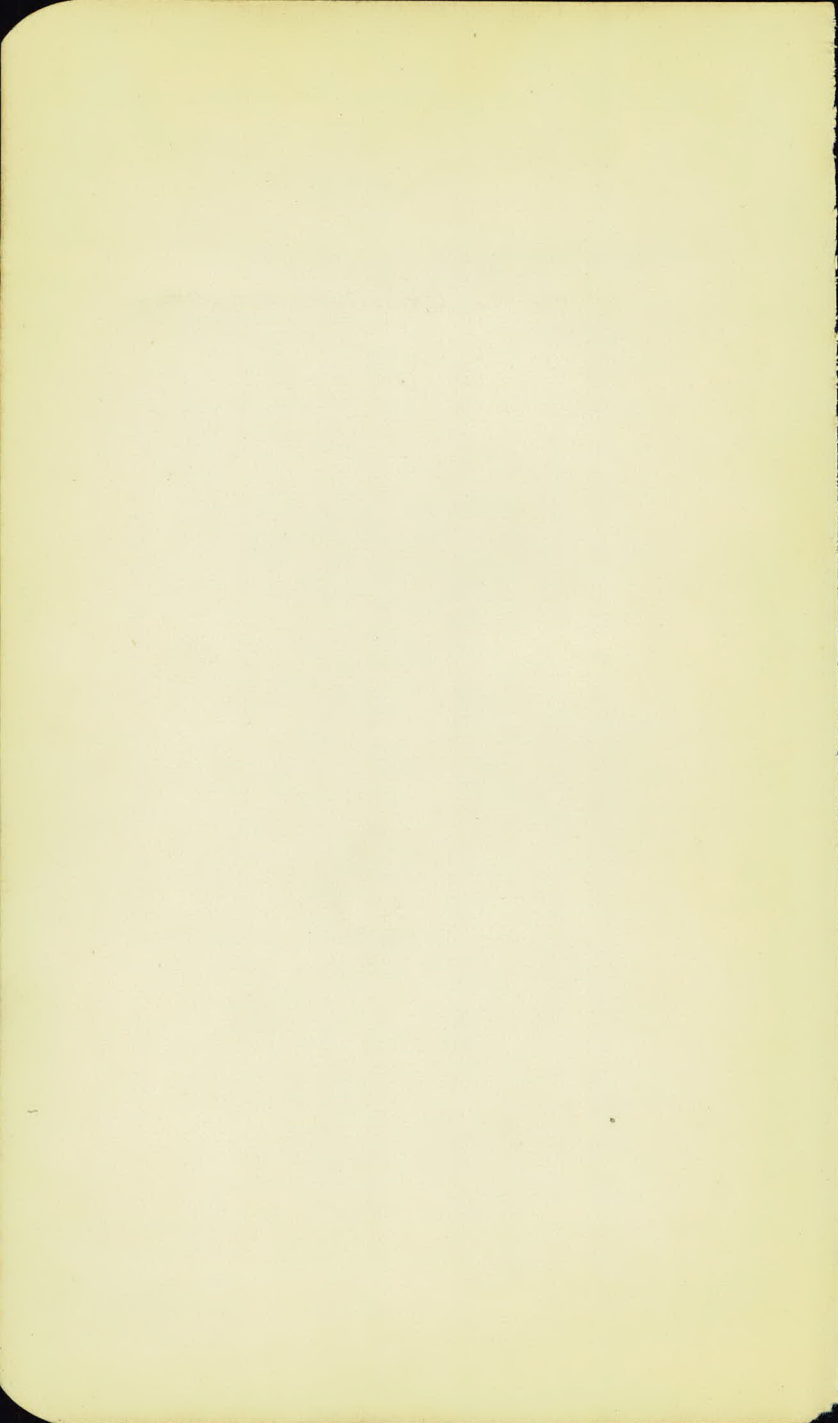
H.D. VAN KREVELEN

10-10-27

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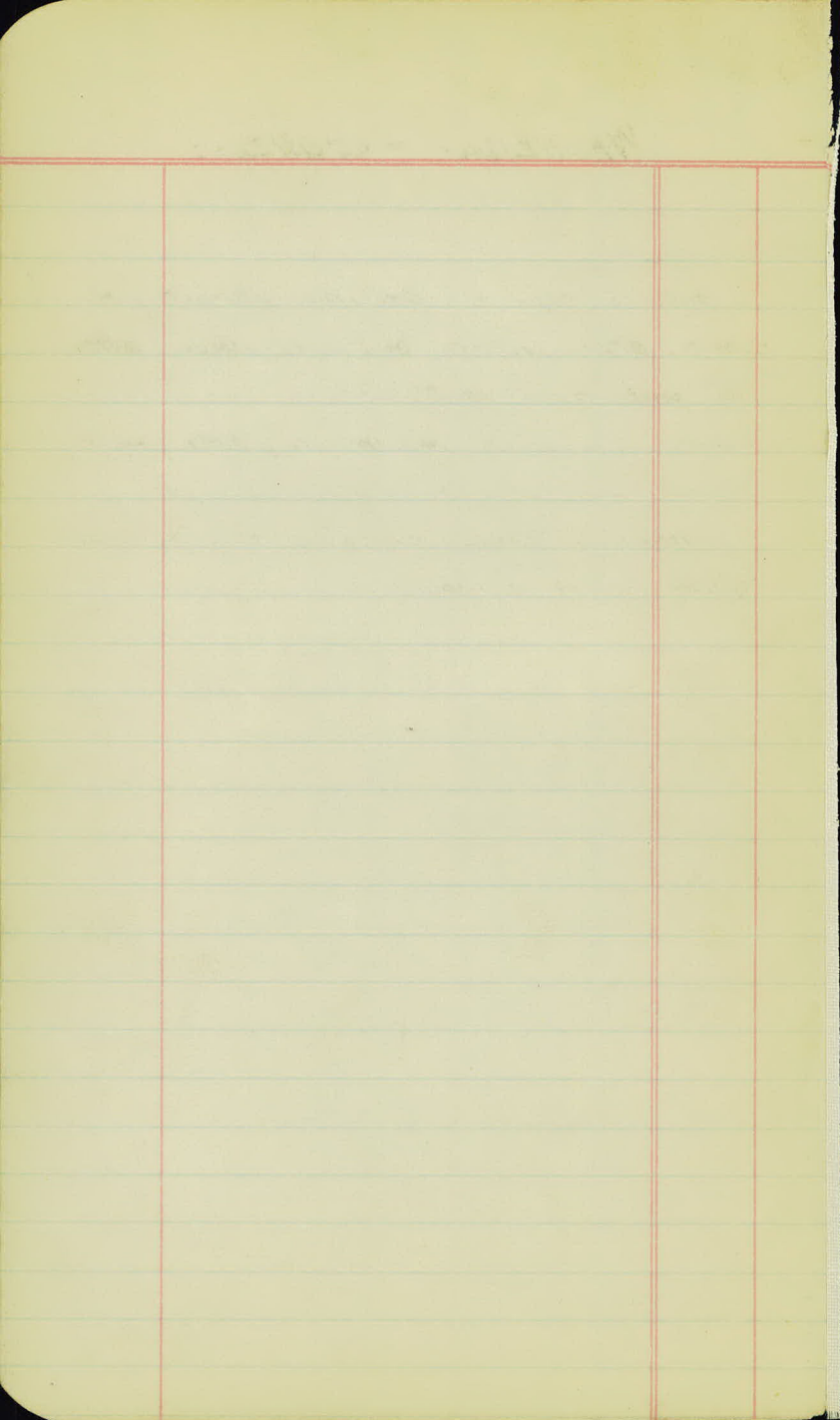
EAST COUNTY LINE  
PR. 27-04

RAMSEY COUNTY  
ENGINEER'S OFFICE  
320 GUARDIAN LIFE BLDG.  
ST. PAUL - MINN.



CONSTRUCTION DIARY

H. J. VAN KREVELEN - ASST. ENGR.



WEDNESDAY - JUNE - 1

Fair - Warm

A.M. in office, getting report forms, plans etc. - Went out to shop about 11<sup>00</sup> and got Gas & Oil.

P.M. out with Macintosh, over 23-52  
24-51 - 24-53 - 25-52 & 27-04.

Crane & crew working at Sta. 425  
setting slope stakes.

THURSDAY JUNE 2

Cloudy - Warm

To office in morning. - Left there about 10<sup>00</sup>. - Looked for detours East of Project. found nothing near enough to use.

Called Geo. Wilson of Street Railway Co. about crossing at Sta. 400. He will look up their grades & call me for an appointment to look it over.

FRIDAY JUNE 3

Rain in A.M.

Cloudy in P.M.

Met Crane at end of job helped  
stake curve & culverts. Went over  
detour with McIntyre. Listed signs &  
barricades necessary.

SATUEDAY JUNE 4

Fair - Warm.

Saw property owners along work  
with reference to fences, trees etc.

SUNDAY JUNE 5

Fair - Warm

MONDAY JUNE 6

Fair - Norm -

Had my car in garage for repairs -  
McIntyre & I at shop making detour  
signs all day

TUESDAY JUNE 7

Fair - Hot.

Painted detour signs second coat  
of white. To job in AM.-  
checked up on Elec. Poles & T.P. to  
be moved & saw property owners  
on fences, trees etc, -

WEDNESDAY JUNE 8

Fair - Hot

At shop & made sign stencils in  
Morning. To job on Elec. & Tel. Poles.  
To office & left note for Macintosh  
to write Pole Company's.

THURSDAY. JUNE 9<sup>th</sup>

Warm - Cloudy

Storm last nite. Much wind & water. Ruined some of our detour sign which were drying in the yard at the shop. Miped them & put them inside of coop to dry. At office, mailed out balance of notices to property owners etc. In office most of P.M.

FRIDAY. JUNE 10

Fair Warm.

To office, arranged to meet Tel and Power Co. men on job. To shop, McIntyre of detour signs etc. To job, met Clausen of Tel. Co. and Petersons, Stillwater Rep. of N.S. Power Co. Over job with them on removal of poles. To City Clerk's Office with Clausen with reference to poles along work owned by city.

SATURDAY.- JUNE 11<sup>th</sup>

Rain all day.-

To office in morning. Tried to  
fix a date with Mr. Wilson of  
Twin City R.R.-

To shop & worked on detour signs

SUNDAY.- JUNE 12<sup>th</sup>

Clear-Cool

MONDAY - JUNE 13<sup>th</sup>

Fair - Warm.

To office in A.M. - Arranged for meeting this P.M. with Wilson of T.C.R.R. & Mr. Wolfangle.

McIntyre at shop on detour signs. Took Banister out on Clev. Ave. about 10:30 & went across to N. St. Paul. Met Wolfangle, Wilson & Mr. Reddy at Elec. R.R. Crossing. Decided to leave tracks as they are & warp our grade to fit. - Showed R.S.M. hedge & trees Rt. of 402 - He says save hedge.

TUESDAY - JUNE 14

Fair - Warm.

To shop - Talked over Tel. with Mackintosh. Will met him at office tomorrow to go over job.

To Job: - Talked with 2 Priebe & Bruening about temporary outlet & their approaches, fences, trees etc.-

WEDNESDAY. JUNE 15<sup>th</sup>

Fair - Warm.

To office. Out in A.M. with Mackintosh and went over entire project.

In office in P.M. - Made details for crossing Street RR at Sta 400.

THURSDAY. - JUNE 16

Cool - Chudy

To shop & to job - Tel. Co.  
has 5 men & foreman moving poles  
at Co. Rd. D. Sta. 447-450

Looked for chances of getting  
temp road to people on so  
side of Silver Lake. - No. chance.

FRIDAY JUNE 17

Cool-Cloudy- Rain in P.M.

To office & to job - Tel. Co.  
has 5 men & Foremen moving poles  
at beginning of proj. - 380 to 390  
& No. of Lake at 426.

SATURDAY. JUNE 18

Cloudy - Cool

Rain in AM.

To office & to shop. Did not  
go out to job. -

SUNDAY JUNE 19

Bright - Hot.

MONDAY.

JUNE 20

TUESDAY JUNE 21

Saw Sid Okes in his office.  
He told me they expect starting  
Thurs. or Fri. - Called his attention  
to special provisions.

WEDNESDAY JUNE 22

Called Okes' office in P.M. and  
reminded them to get in  
questionnaire.

THURSDAY - JUNE 23

In office in Morning. - Went home to sick baby. -

Sid Okes called me at office in morning & said they will start tomorrow noon. Gave me information on materials, which I repeated & Mcintosh made note of for inspection & tests. -

Sid called me at home in evening and again told me they would start tomorrow noon. -

FRIDAY JUNE 24

Bright-Hot

Home in A.M. - To job at noon and waited for Contractor outfit to arrived. - Made up B Culv. list etc. while waiting.

Saw Priebe again about his fence & he will move it at once.

Waited until 3:30 and no-one showed up. - Went to office.

SATURDAY

JUNE 25

Bright-Hot

Met Pete LaGrande at No. St. Paul.  
Went out on work with him & showed  
him where to start shovel and dumping.

Shovel started work at 1<sup>00</sup>. P.M.  
Between 494 & 495. - Dumping 501 & 502

SUNDAY

JUNE 26

BRIGHT-HOT

MONDAY JUNE 27

Bright - Hot Windy

Put up detour signs on entire  
detour. - Closed road at "D" & at "E"  
Shovel working 492+50 to 494  
Dump. - 501 to 503+50.

Elk Laundry Truck ran into barricade  
at "E". - Broke his spring & blown tire.

About 1<sup>30</sup> P.M.

Liscense # X 17-185

Company # 18

Driver - Smith

TUESDAY JUNE 28.-

Bright - Hot.

Shovel working: 492+50 to 491

Dump: 501 to 503+50

Macintosh out in P.M.

Lubins came out at 2:30 with  
news to go right home

- Baby died. -

WEDNESDAY. - JUNE 29

Bright - Warm.

McIntyre on job.

THURSDAY. - JUNE 30

Bright - Hot.

FRIDAY

JULY 1.

Bright - Hot.

On Job in P.M.

Shovel working: 485

Dumping 495.

Culvert crew working 473+67

SATURDAY

JULY 2

Bright - Warm

MONDAY JULY 4<sup>th</sup>

Bright - Warm -

TUESDAY JULY 5<sup>th</sup>

Bright - Warm -

Shovel working - 450 in A.M. - 420 in P.M.

Dumping 422 to 427. -

Culvert crew finished placing  
P3 at 473+67. -

Two cars P3 received today  
4 cars equipment -

WEDNESDAY JULY 6<sup>th</sup>

Bright - Warm

Shovel working 415 to 418

Dump. - 421 to 423. -

Truck delivered P3 to job. -

Macintosh out in P.M. -

C-396 St. Car-400  
D-450 RR.-385 Approx  
E-505

THURSDAY JULY 7<sup>th</sup>

Bright - Warm

Shovel working 415 A.M. & 401 in P.M.  
Macintosh out in A.M. - Wolfangle out  
in P.M.

Clearing: 395 to 400

Hand. Ditch, 410 to 415

Cult. Crews: 466 - 457 & 444:-

Recd. - 6 cars - Rock - 3 cars sand

N.S. Power crew: 5 men & foreman 420

FRIDAY JULY 8<sup>th</sup>

Bright - Warm

Shovel working: 400 to 395 & 390 to 395

To office in Morning: - Macintosh  
out to plant in morning:-

Horsefall & Newton came on job in  
morning:-

Tested Calcium measuring outfit  
& timer:-

N.S. Power crew: 415

SATURDAY JULY 9

Bright - Warm

Shovel finished 4:30 P.M. at beg of  
Proj. - Culvert crews working 444+  
form setters at 500.

Measuring hoppers measured & set.

Rec. - 8 cars rock. - 2 cars sand - 4 cars con

Crane worked stock piling sand & r

N.S. Power Crews. - 500

Kalman steel started delivering  
reinforcing by truck.

SUNDAY JULY 10.

Bright - Warm.

MONDAY. - JULY 11  
Bright - Warm.

To office in A.M.

Culvert crews. 444 & 409.

Form setters. 495

Survey party - 490. -

checked line & grade on culvs.

M.S. Power crews. - 390 to 400

TUESDAY. JULY 12

Bright - Hot

Heavy rain late in P.M.

Culvert crews 409 & 397

Form setters 490

Survey party 480

H. & O. waiting for tamper parts  
Layed off in P.M.

Mackintosh out in A.M.

Rec. - 8 cars rock. - 4 cars sand

WEDNESDAY. - JULY 13.

Clear. Hot.

6 Laborers on Hand Ditch at  
Sta. 405 to 409.

Culvert crews working at  
397+ & 394+.

Waiting for Tamper parts.

No fine grading or forms.  
Men all working on H. D. & P3

Hard Rain Last Nite -

THURSDAY. - JULY 14

Clear - Warm

4 Laborers worked on subgrade  
in A.M. repairing damage from  
rain Tuesday 7-12.

Culvert crew at 397+ \$394+

Plant crew unloading cars in A.M.  
repairs to clam in P.M.

Tamper parts came and were  
put on.

checked subgraders.

FRIDAY. - JULY 15

Bright - Hot.

Started Paving 8:30 A.M. -  
Terrible with tamper in A.M. on  
adjustments etc. -

Small crew on sub-grade. -  
No culv. material. - Crew  
working on paving. -

Mackintosh out in A.M.  
Hulfangle ✓ - P.M.

Quit Paving 6:00 P.M.  
Lost  $2\frac{1}{2}$  hrs % Tamper. -

SATURDAY - JULY 16

Cond. Cloudy - Showers

Hard Rain early in morning.

No paving or grading today  
crews worked on culverts  
Set screed on tamper. & subgrader  
checked.

Mackintosh out in A.M.

SUNDAY July - 17

Bright-Hot.

Started paving at 7<sup>50</sup> -  
Good run today. - 490 to 497+66  
Truck # turned over at  
corner of 18<sup>th</sup> Ave & Chas. St. -  
Timekeeper slightly hurt. -

Subgrader caught on forms and  
broken about 10<sup>30</sup> A.M. Lost only  
a few minutes

MONDAY.

JULY 18

Hot. Bright.

Shower in A.M.

Start paving 490 + 11

Quit ✓ 481 + 68

1873 sq. Yds paving. - Received 2 cars  
cement. - Switched in from other spur.  
No culvert work today - out of pipe.

No delays today grad. run.

Leo Gross on work in P.M.

TUESDAY July 19,

Bright - Warm -

In office in morning. -

Start Paving. 481+68 quit 476+78

1089 Sq. Yds. -

Lost  $\frac{1}{2}$  of afternoon. Leaky flues  
on clam. -

Machintech out in P.M.

Paving crew on P<sub>3</sub> culverts in  
P.M. -

WEDNESDAY July 20

Harm. - Fair

Paving: 476+78 to 468+67 - 1802 Sq. Yds

Lost about one hour in morning  
getting finishing machine started.

Got high test gasoline and started  
o.k. -

Showers in P.M. - shut down for  
about 20 min. in P.M. because  
of rain. - started again about 4:30  
Mackintosh out in P.M. -

THURSDAY

July 21

Cool - Cloudy. -

Paving 468+67 to 465+07. - 800 Sq. Yds

Changed crane operators. - New man had trouble in forenoon delayed paving about an hour. - Laid up at 2<sup>30</sup> to put new brakes on clam. -

Cold in P.M.

Insisted on plastering honey-comb on sides of paving. - Told Bob Fleming & Pete LeGrande that I would shut them down tomorrow if they didn't plaster sides. -

Mackintosh & Palmer out in A.M.  
- out in P.M.

Sid Okes out in P.M. - Objects to using 1-2 mix on curb. - Told him to call Mackintosh. - He agreed to plaster sides of slab. -

FRIDAY

July 22

Hot - Bright.

Paving 465+07 to 456+64

Crane working O.K.

Took Leo Groos out to near 416 where he had wanted cross drain.

Decided that drain was unnecessary

Mackintosh out in A.M.

He wants 500' of curb just north of Co. Rd. "D."

Wolffangle out in P.M.

H&O plastering sides of slab at honeycomb.

SATURDAY July 23, 1927

Hot - Clear.

Paving 456+64 to 448+16

No delays - good day's run.

Checked material reports & on hand.

Worked on Mo. Est. at different times all day.

Talked to McIntyre by Tel. in eve.  
& finished Estimates.

SUNDAY. July 24

Hot - Bright.

Put in crossing & let traffic  
cross at Co. "D" 9<sup>00</sup> A.M.

Sprinkled Fill 500 to 505.

MONDAY

JULY 15

Clear, - Warm

Paving 448+16 to 439+75

No delays - Extra reinf. of cul.  
at 444+

Coarse aggregate not mixed and  
hard to finish. Checked hoppers -  
found rock  $\frac{1}{2}$ " low. Raised it, about  
3<sup>30</sup> P.M. - Finish better

Took Est. to office at 7<sup>00</sup> A.M.

TUESDAY July 26 - 1927

Bright. Hot

Paving 439+75 to 431+60

Hard to finish in morning.  
Checked bins found rock  $\frac{1}{2}$ " low.  
Sand  $\frac{1}{2}$ " high. Adjusted them.  
Concrete finished O.K.

Hard high subgrade. - had  
men near mixer cutting in out  
in P.M.

WEDNESDAY JULY 27

Hot. - Showers.

Paving 431+60 to 427+68

Mixture running good. - Delayed  $\frac{1}{2}$  hour in A.M. 9<sup>00</sup> to 9<sup>30</sup> to take crown out of Tamper. -

Showers at Noon.

Shut down at 1<sup>30</sup> P.M. Out of sand. - There is sand on the tracks in Yard but so many empties they can't get at the sand. -

Mackintosh out in P.M. -

Dig over-run on cement due to low subgrade on curve. -

Stayed at shop going home and got scales for beam tester. -

Hard rain & wind storm about 5<sup>00</sup> P.M.

THURSDAY July 28, 1927

Bright Warm  
Showers in A.M.

Paving 427+68 to 421+06

Delays between 8<sup>00</sup> & 10<sup>30</sup>  
a/c of obstructions in sand bin.

Mackintosh out about 11<sup>00</sup> -

Objected to honey comb on edges of  
pavement. - Sid Okes promised to  
see that better puddling is done. -

Sent in cement placards with  
Mackintosh also yesterday's reports -

Told Fleming & LeGrande that their  
sub-grade was running low and  
to supply men enough to keep it up. -

Coates out in P.M. about 2<sup>00</sup>

Le Grande said No. St Paul would put  
in sewer along our work for 3 blks.

Saw Mr. Bergstrom (Village clerk). They  
intend to put in 1 blk between

Sta 400 & 404. - Expect to be there to  
work in about one week.

P.R. Banister & A.R. Van K. out about  
4<sup>00</sup> P.M. -

FRIDAY.

July 29, 1927  
Cool. Clear

Paving 421+06 to 414+14

Operations going O.K.-

Talked to Mackintosh about 10<sup>30</sup>  
about No. St. Paul Sewer etc.-

Ate lunch early and relieved  
McIntyre. He ate and at noon we  
broke first 4 beams.-

Back later in P.M. with Newton  
and broke 6 more.- Test strong  
Told farmers between "D" & "E"  
that they could use pavement.-

Saw Bergstrom about sewer.-  
No connections to be made to  
East. They will lay pipe as soon  
as pavement is strong enough to  
hold trencher & flush all backfill.-

Delay in paving 5<sup>00</sup> to 6<sup>00</sup> P.M.  
to change tamper & subgrader after  
curves.-

SATURDAY July 30, 1927

Bright - Warm

Paving 414+14 to 406+00

Operations going O.K. Subgrade high on Rt. Two men kept busy shoveling out excess material. Stayed right with mixer all day. -  
Mackintosh out about noon. -  
No delays in paving. -

SUNDAY July 31, 1927

Bright - Warm

No Work

MONDAY August 1

Cool. Bright.

Paving 406 to 398+20.-

Sub-grade still high on Rt.  
in A.M. better in P.M.

Puddling on sides much  
better Saturday. Noticed a  
marked improvement.-

Delay  $\frac{1}{2}$  hour. (3<sup>20</sup> 4<sup>2</sup>) in P.M.  
crossing street car tracks at  
Sta. 400.-

Stayed close to mixer all day.-

TUESDAY AUGUST 2, 1927  
Cool - Bright -

Paving 398+20 to 396+96

Sub-grade O.K. paving  
operations going good.

Noticed that some dirt was  
being picked up from bottom  
of rock strk pile. - Stopped  
use of it immediately.

Broke 3 Beams early in  
P.M.

Moltangle out about 3<sup>rd</sup>

Mackintosh out about 4<sup>th</sup>

He is not satisfied with edges  
yet. - They look good to me. -

WEDNESDAY AUGUST 3, 1927

Cool - Bright

Paving 390+96 to 384+73

Sub-grade O.K. in A.M. - Caught  
sub-grade template set-up in P.M. -  
which had given high subgrade  
several hours in P.M. -

Shut Down at 4<sup>00</sup>  $\frac{1}{2}$  out of  
material (rock)

THURSDAY

AUG 4

Warm - Bright

Paving 384+73 to 379+08

Finished So end. of intersection  
4:00 P.M.

Mackintosh out in P.M.

Crews grading at North end.

Run out of tested cement  
in P.M. used 89 sack from  
Luger Merc. Co. - Same brand  
same source as other.

Sid & Day Okes out in P.M.

FRIDAY

AUGUST 5, 1927

Clear - Warm -

No paving.

Moved mixer to north end of job. crews working on sub grade, forms and reinforcing for curve at north end.

Mac Intyre & I broke a few beams. Checked reinforcing. - Changed hoppers to 1-2-3 1/2 mix. - Checked cement. -

Machintosh out in P.M.

SATURDAY.

August 6, 1927

Hot - Bright.

Light Showers in A.M.

Faced curve at North end of  
Proj. -

Stayed with mixer all day. -  
Mackintosh & Wolfangle out in  
A.M. - Banister out about 9<sup>00</sup>  
A.M.

Finished 4<sup>30</sup>

SUNDAY

August 7, 1927

Bright - Warm

MONDAY

August 8, 1927

Warm - Bright.

Shoulder crews started 450  
working north 7 teams 14 men.

Paving crew worked on surface  
drain forms & reinf. all day.

TUESDAY AUGUST 9, 1927  
Hot - Bright

Shoulder crews worked 475 to 490  
on Lt. side. -

Paving crew pouring surface  
drains. -

Goldberg's first day. -  
McIntyre's last day. -  
Hoosefall's last day in field. -

Co. Truck came out and got  
testing equip. & cylinders.

Goldberg & I broke rest of  
beams today

Mackintosh out about 11<sup>00</sup> AM.

WEDNESDAY AUGUST 10, 1927  
Hot. Bright.

Shoulder crews 430 to 440 on Lt.-

Paving crew poured 2 drains  
at Sta. 408+00 finished at 9<sup>30</sup>

Goldberg to Clev. Ave. in P.M.

H. & O. took down hoppers etc at  
plant. Took clam boom off &  
put on shovel. Will start  
shovel on shoulders tomorrow.

Shouldering

1 Foreman

7 Laborers

7 Teams.

Went over entire job in P.M. with  
Pete LeGrand & told him what I  
wanted.

THURSDAY Aug 11

Hot - Bright

Shovel moved out in A.M.  
started digging at noon near  
495 on Lt. working backward.

Goldberg on job with me.

Sholder crews working 502 to  
490. - Lt.

Blasted a few stumps between  
490 & 492 in A.M.

Poured last of joints today.

FRIDAY

Aug 12

Hot-Bright.

Shovel digging 492 +50 to 486  
Hauling most of material to  
hole at intersection north end  
of job. Sta. 502

Shoulder crews 501 to 495 on Rt.

Mackintosh out in P.M.-  
Wants joints refilled.- They  
have been filled 2 and some  
three times. Goldberg mention  
that this morning.- I am to  
call Mac tomorrow A.M. on this.-

Goldberg's last day. He goes  
on another job tomorrow.

3 men sloping old cut bank  
485 to 490 Lt. No yardage.-  
1/2 da. 3 men.

SATURDAY

AUG 13

Hot - Bright.

Shovel digging 486 to 480  
Hauling to 502. Moved to  
472 + 50 at 3<sup>00</sup> P.M. Hauling  
to shoulders along fill.  
472 to 476.-

Shoulder crews working  
490 to 485 Rt & Lt. &  
around curve.- 500 to 504.-

Placed culverts 492 + 25 Rt.  
& at cemetery & one at F.E.  
just south of Cem.-

Called Mackintosh in A.M.  
He has arrangement made  
with Sid Oles to refill joints.

2 men shaping R.M. between  
476 & 478 on Rt. no yardage.-

SUNDAY Aug 14.-

Bright - Very Hot

No Work.-

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MONDAY. Aug 15

Bright - Very Hot.

Shovel digging 472.- Broke down  
9<sup>30</sup> A.M. Frame casting on hoisting  
engine broke.- Shovel & trucks  
laid up rest of day.-

Shoulder crews working 480 to 470  
Right.-

Told Pete Le Grand for third time  
that stumps & roots in hole between  
curve & E. Co. Line must be disposed  
of. He promised to burn them  
where they are.-

TUESDAY Aug. 16.-

Rain.-

Shovel working 471 to 471+35.-  
Rain stopped all work at 9<sup>30</sup> A.M.  
Pete LeGrand has not yet disposed  
of stumps in hole north end of  
project.- Gave him written  
order not to dump more dirt in  
hole until stumps are removed.

WEDNESDAY AUG 17-

Cold- Cloudy.-

Shovel.- 471+00 to 469.-

No work in A.M.- Too wet.-

Fill in P.M. for F.E. @ 492+50  
& 503.-

Teams working 450 to 465.-

Men piled & burned all stumps  
& roots at 503.-

Mackintosh out in A.M.

County truck got planks used  
for temporary crossings. in A.M.

THURSDAY Aug. 18

Clear. Warm.

Rain in P.M.

Shovel 469 to 464 - Hauling to 503.

Teams working 450 to 465.  
Went over work with Pete LeGrande 465 to 410 and showed him where he would have to get dirt.

Started crack filling in P.M. <sup>4:23</sup> Mc  
Carpenter of Barrett Co. - out for  
about an hour when we started.  
O.K.ed our work.

Mixing about 40% Tarvia XC  
and 60% very fine sand.

Two Laborers  $\frac{1}{2}$  day  
Small Truck 2 hrs.

FRIDAY Aug. 19, 1927

Clear - Warm

Shovel - 464 to 462 & 456 to 455  
hauling dirt in hole at 503

Teams working 440 to 460.

N.S. Power men out. - Told them to  
remove anchors on switch at Beg.  
of job. He will work around poles.

2 Laborers all day pouring cracks.  
Small truck 1 hr. -

SATURDAY Aug. 20.

Bright Warm

In office in A.M.

Shovel 455 to 450. Hauling dirt  
on shoulders 440 to 445

Shoulder crews 440 to 430

2 Laborers all day pouring cracks.

Small truck 2 hrs.-

505 working south.-

SUNDAY Aug 31

Warm - Clear.

Shovel in small cuts on west side between 445 & 435.

Shoulder crews 420 to 430

Pete called in A.M. afraid of shortage of dirt.

I had fire trouble getting out to job. - Went over work with Pete & saw proposed borrow with him. Talked with Mr. Soy of borrow in case we need it.

Sid okes out in P.M.

Shovel started widening cut 449 working south on west side.

No crack pouring today.

MONDAY                      AUG 22

Rain last nite. -

Cloudy - Cool. -

Shovel. - 449 to 448. -

Hauling around Lake. - 426 to 427

426 to 422. -

Over F.E. locations with Jess  
Baldwin 409 to 420

Mackintosh out in A.M.

Crew clearing 495 to 497. -

Crack pouring 455 to 475

2 Men all day    Small truck 1 hr. -

At Bergstrom's office in P.M. to  
get permission to cut extension of  
7th Ave for dirt. - He claims authority  
with Oakland Twp. Board. -

Called Lou on RK Xing. -

TUESDAY Aug 23

Clear. Warm

Shovel finish cut 447 to 448  
cleaned out cut 428 to 434 on Lt.  
started ditch on Lt. 423 to 427.-

Finished filling hole at 503 from  
447+50.- Haul to be figured  
from North of Co. D.

Culvert crew & Grading Teams  
placing culv. 390 to 415.-

To Lake Elmo in P.M. saw  
Neil Malone on borrow at 7<sup>th</sup> Ave  
Ext. He and other members of  
board will take no action until  
chairman returns from Duluth  
(Mike Ralieggh).

Saw Mrs McDermon relative to  
Ditch across Lots north of Co  
Rd. "C".- Decided to clean up  
same & leave it.-

Pulled stumps with tractor  
390 to 395.-

Finished crack filling in P.M. (3 bbls Tarvia "X")

WEDNESDAY Aug 24  
Clear - Cool

Shovel finished ditching  
423 to 420 - 415 to 410 &  
390 to 400. Used material  
in shoulders & F.E.s. 395 to  
410.-

Culv. crew. - 382 to 416.-

Talked with prop. owner on  
7<sup>th</sup> Ave. (Hodgman) He gave  
permission to Excavate. Wants  
us to take even more than  
we can use.-

Tried A.M. & P.M. to locate  
Com. Gross on 7<sup>th</sup> Ave. borrow  
& on keeping road closed.-  
Not home. Left word to see  
me.-

Moltangle drove by in P.M.

THURSDAY Aug 25  
Warm - Bright.

Shovel finished small cuts  
and started in 7<sup>th</sup> Ave borrow  
about 2<sup>00</sup> P.M.

Filling shoulders & F.E.s 400  
to 395.-

Culvert crews 408 to Beg of Job  
All culverts placed.

Talked to Mr. Boyd - about Ditch  
betw. 400 & 19<sup>th</sup> Ave. & Culv. @  
19<sup>th</sup>.

Talked to Gross on 7<sup>th</sup> Ave Borrow  
He said to go ahead on his  
responsibility. - Asked us to  
barricade Beginning to "C" until  
Sept 1<sup>st</sup>

Carley out about noon to see  
about survey party.

Merten (Wash. Co. Engr.) here about  
noon.

Mackintosh out in P.M. Sid Okes  
out in P.M. - Went over entire job  
with W.S. Mac. - J.R. Okes & Pete LeGrande  
about 4<sup>00</sup> P.M.

FRIDAY AUG 26

Warm - Bright

Pete laid-off all but 2 teams.-  
Using most of men to load  
equipment.-

Shovel working in 7<sup>th</sup> Ave. Ext.-  
Tied up about 1 1/2 hrs in A.M.  
nearly tipped shovel over.-

R.J. Wolfangle out in P.M.- Asks  
for more dirt in ditches between  
395 & 400 on Rt.-

Called N.S. Power to move guys  
at 380 Rt. & Guy pole S.W. Cor.  
of 27-04 & C. Rd. "D" They  
promised to be on job. at 8<sup>00</sup> A.M.  
tomorrow.

Mackintosh called in evening.-  
Mrs. McDerment called him & wants  
wood from trees in front of her  
place.- (399 Lt.)

SATURDAY AUG. 27

Warm - Fair  
slight showers.

Shovel working in 7<sup>th</sup> Ave ext.  
Finished work at 11<sup>30</sup> AM.  
Teams & men worked on  
shoulders until 2<sup>00</sup> P.M.

7 Laborers - 4 hrs.-

1 Small Truck - 4 "

1 Team & Teamster - 2 1/2 hrs.-

Cleaning up R.O.M. hauled away  
rubbish - burned brush - piled  
stone etc. - Placed Barricades at  
'C' & at 7<sup>th</sup> Ave. -

Mrs. McDerment out in P.M. - Thanked  
me for making good job in front  
of her place. Same of R.R. Blase

R.J. Wolfangle out in P.M. -

SUNDAY AUG 28

Bright - Hot. -

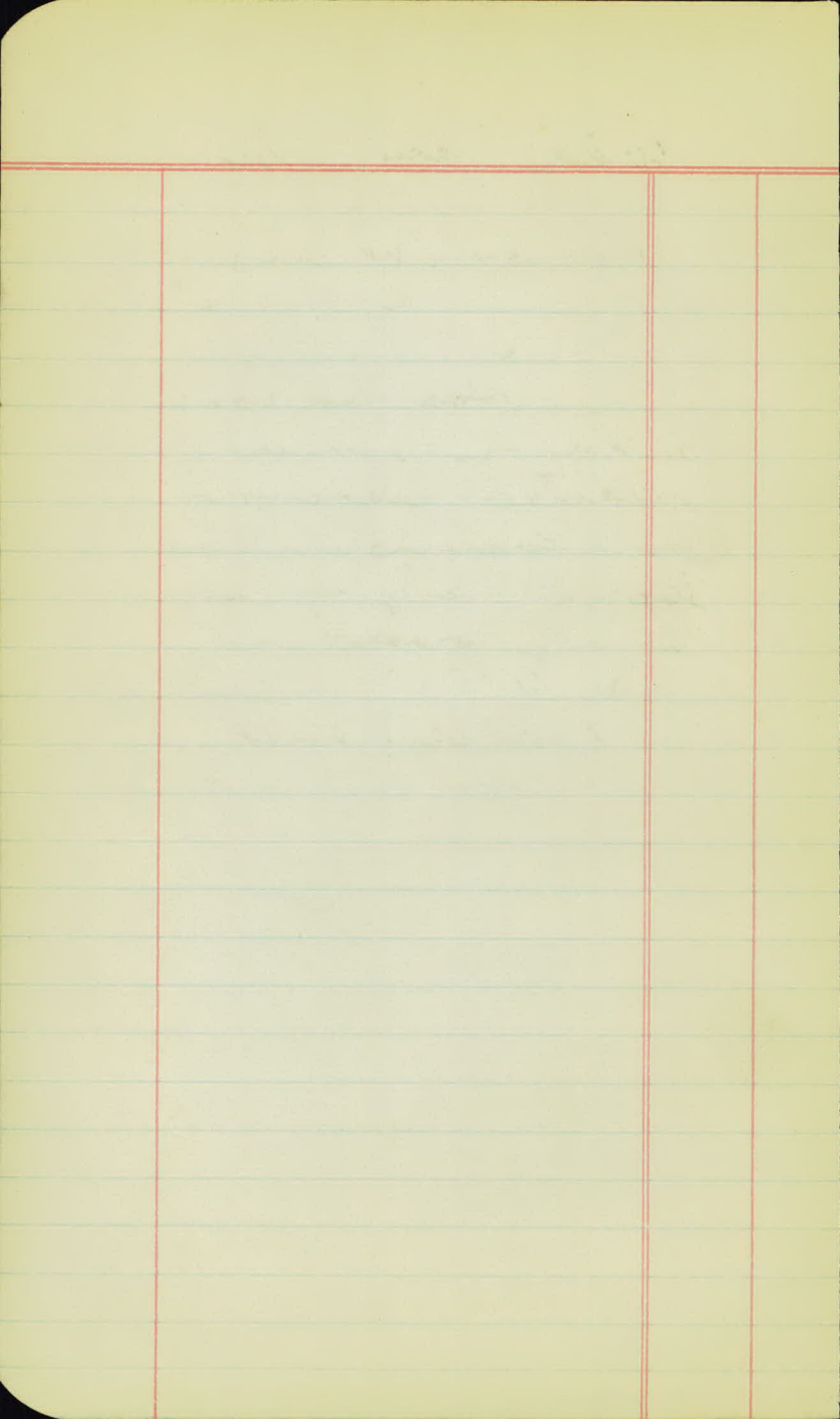
MONDAY AUG 29

Bright - Hot. -

To office in A.M. turned in Est. for Aug. - To job: Arrived 10<sup>20</sup>. - Pete LeGrande & men gone. - Talked with one of teamsters & he said he would tell Pete to be sure to get coat of paint on G.R. -

Tried to get Comm. Gross in regard to keeping road closed. Called Mackintosh. - He said to order truck & cable out from tool house Called tool house & told Geo. Churchill material required. - He will call Mackintosh on arrangement. Trux is to pick up G.R. Malt. @ E. & old cul. at plant. -

Saw Mrs Rogers. - (Lt. of 409). She said she gave H. & O. permission to dump stumps on their lot.



Wednesday Sept. 7, 1927

Rained all morning  
Cloudy in the P.M.

S. Holmes Co., composed  
of nine men,  
started digging holes  
for guard rail  
posts about 2:00 P.M.  
and worked until  
6:00 P.M.

Mackintosh here  
in the after-noon  
advised to construct  
guard rail between  
stations 500+00 and  
501+00 on the right,  
also between stations  
397+00 and 398+00  
on left and right

Thursday Sept. 8

Cloudy and cool

Nine men  
digging holes for  
guard rail posts  
between stations  
as designated by  
guard rail stakes  
Worked from  
7:00 to 12:00 and  
from 1:00 to 6:00

Friday Sept. 9

Rained until 10:00 A.M.  
Cloudy and cool the  
remainder of the  
day

Nine men placing  
and cutting guard &  
rail posts along  
all necessary places  
on project.

Guard rail posts  
being placed 3'3" from  
edge of pavement,  
(measured from inside  
face of post) as directed  
by Macintosh,  
wherever shoulder  
is wide enough,  
& otherwise only 3' from  
edge of pavement

Saturday Sept. 10

Cloudy and warm

Nine men  
finishing guard rail  
posts, also rounding  
the tops, also  
placing anchor  
bolts on all guard  
rail.

Monday

Sept. 12

Fair and hot

Nine men working  
on guard rail. All  
guard rail practically  
finished except the  
second coat of paint.

Tuesday Sept. 13

Fair and hot

Nine men painting  
guard rail posts.

Told Holmes to  
paint old wooden guard  
rail on East County Line  
near County Road E. Was  
directed by Mackintosh  
whom I called on the  
phone in the morning,  
for seven dollars.

Guard rail finished  
at 2:00 P.M.



# Standard Memorandum Book

Ruled S and Cts.	Ruled Faint	Ruled S and Cts. Indexed Through	Size	No. of Leaves
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