

CONSTRUCTION DIARY

27-88

A. W. LINDAHL
ASST. ENGR.

Book No 2.

A. W. LINDAHL,
Ass't Engr.

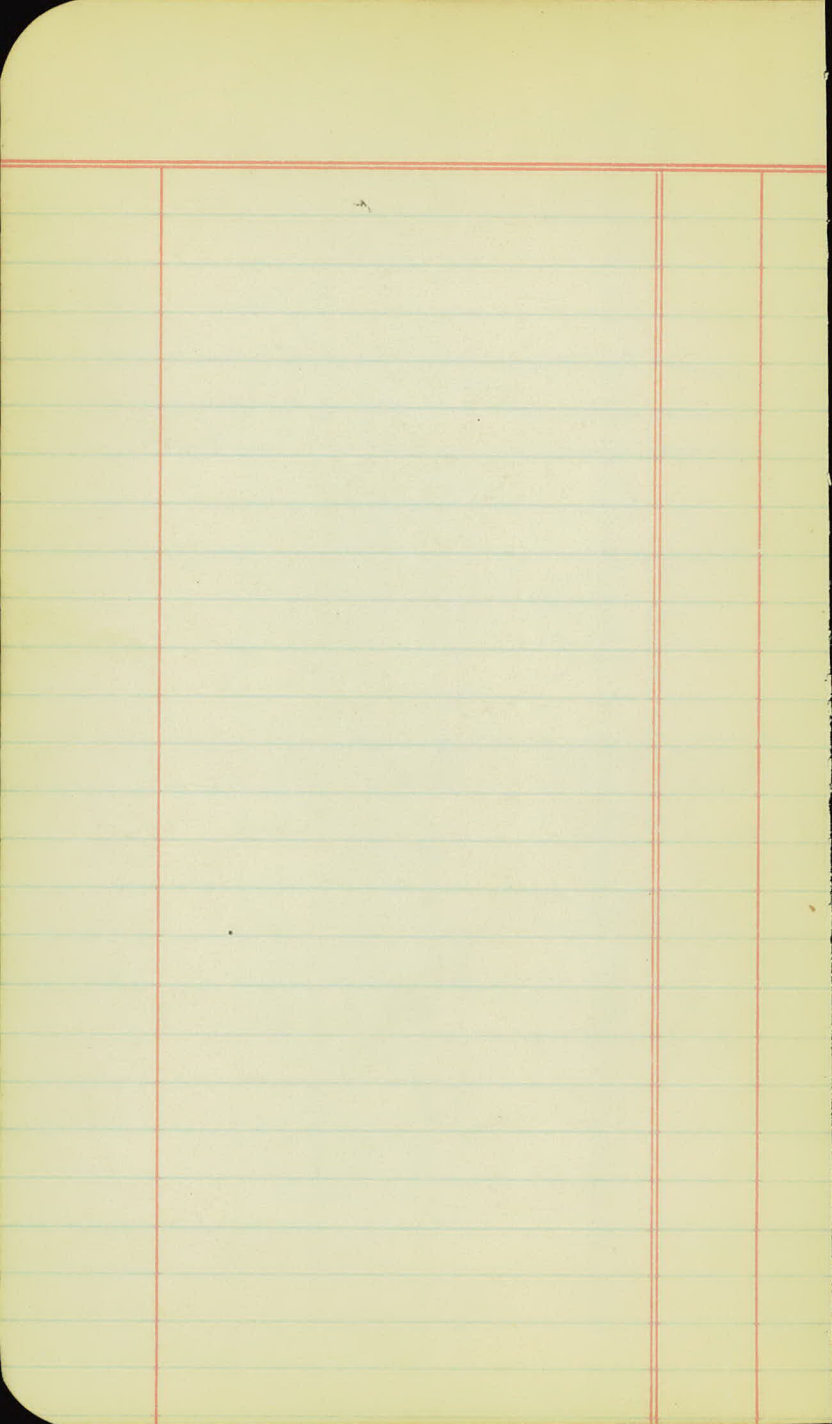
G. N. 62032

"DIARY"

PROJECT 27-88

BOOK No 1

A. W. LINDAHL,
Ass't Engr.



MONDAY - JUNE 13, 1927

FAIR & WARM

WENT OVER JOB WITH MCKINTOSH. SAW
HANDY (SUB-CONTRACTOR FOR CLEARING,
GRUBBING & HAND-DITCHING) WHO OBJECTED
TO THE ACRE PRICE OF CLEARING.

PARTY SLOPE STAKING NEAR 615+00

TUES. JUNE 14,

FAIR CANYON

HANDY ASKED THAT WE PLACE TWO STAKES AT EACH STATION FOR SPECIAL DITCH. WE STARTED THAT TODAY.

ALEX. & I RAN LEVELS TO CHECK A T.B.M. LEVEL WOULDN'T STAY IN ADJUSTMENT SO DETERMINED TO CHANGE IT.

WEDNESDAY - JUNE 15

FAIR & WARM

MOVED TO FARMINGTON THIS A.M.
TOOK ALL MORNING AS TRAILER HOLDER
HAD TO BE MADE FOR FORD. ALL SETTLED
BY NOON. SENT BEATON BACK TO ST. PAUL
TO BRING TRAILER BACK AND GET LARGE
"ROAD CLOSED" SIGNS.

IN P.M. CHECKED LEVELS AND FINISHED
STAKING SPECIAL DITCH.

PLACED "ROAD CLOSED" SIGNS AT BOTH
PROJECT
ENDS OF BRIDGE, BUT DID NOT ERECT
SAME AS YET.

THURS. JUNE 16

CLOUDY & COOL

HANDY IS EXCAVATING SPECIAL DITCH
USING 11 MEN & 2 TEAMS.

MET THE FOREMEN FOR M.E. SOUTHER
THIS MORNING AND WE DECIDED TO BUILD
W88D CULVERT AT STA. 454+88 FIRST.
FIRST LOAD OF REENFORCING STEEL
DELIVERED THIS MORNING.

FRIDAY - JUNE 17

CLOUDY & COOL

RAIN PART OF A.M. & ALL OF P.M.

HANDY EXCAVATING SPECIAL DITCH.

I ALLOWED HIM THE CUTTING OF 56
TREES BETWEEN STA. 447+00 AND
458+00, HE TO CLEAN OUT ALL BRUSH.

BRIDGE FOREMAN HAS STARTED
CREEK CHANGE TO DRY OUT HIS BRIDGE
LOCATION.

SINCLAIR CHECKING NOTES.

MCINTYRE COMPUTING BRIDGE QUANTITIES.

ALEXANDER & BEATON PAINTING ROAD SIGNS.

SAT. JUNE 18

CLOUDY & COOL

SPENT A.M. IN ST. PAUL OFFICE.

VERY HEAVY RAINFALL WHICH CAUSED
CONSIDERABLE DAMAGE, FLOODING TOPS
OF BRIDGES AND MAKING EXCAVATION
FOR D-88'S IMPOSSIBLE.

HANDY DITCHING AND GRADING.

MON. JUNE 20

CLOUDY & RAIN MOST OF DAY.

SURVEY PARTY WENT OUT AND STAKED &
OF DITCH REVISION.

BRIDGE CONTRACTOR DELAYED BY WATER.
HANDY DITCHING AND CLEARING.

TUES. JUNE 21
CLEAR & WARM

VERY HEAVY RAIN EARLY THIS MORNING WHICH FLOODED CHANNEL AND BRIDGES AGAIN. THE LAST RAINS HAVE CARRIED A LARGE AMOUNT OF BRUSH DOWN STREAM WHICH HAS ~~BEEN~~ LODGED IN THE WILLOWS, DAMMING THE CREEK AND CAUSING THE WATER TO BACK UP TO OUR BRIDGE LOCATIONS. TO CARRY OFF THE WATER FROM OUR DITCHES, IT WILL BE NECESSARY TO BRUSH THIS CREEK FOR AT LEAST A HALF MILE DOWNSTREAM.

BRIDGE CONTRACTOR EXCAVATING FOR 5'X3' CULVERT AT BEG. OF PROJECT. HANDY IS HAND-DITCHING AND CLEARING.

WED. JUNE 22

FAIR & WARM

BRIDGE CONTRACTOR EXCAVATING
FOR BRIDGES. HANDY HANDDITCHING
AND CLEARING.

MACKINTOSH CAME DOWN AT NOON,
AND IN P.M. HE AND I LOOKED OVER ROW
OF MAPLES WITH HANDY, AT SOUTH END
OF PROJECT. HANDY & I COULDN'T AGREE
ON A PRICE, SO I TOLD HIM THAT I WOULD
SEE HIM THURS.

THURS. JUNE 23
COOL & WINDY

SAW HANDY THIS A.M. AND ALLOWED HIM 435 TREES CLEARED, AND 348 TREES GRUBBED BETWEEN STA. 681+00 AND 696+25.

MR. C. B. CRANDELL, OWNER OF SAID TREES, SAW ME THIS P.M. AND SAID HE HAD SEEN MR. CORTES WHO THOUGHT TREES COULD BE SAVED. MR. CRANDELL AND I WENT OVER TREES TOGETHER, AND I SATISFIED HIM THAT TREES WOULD HAVE TO COME OUT. THERE WAS NO TROUBLE WHATSOEVER.

FRID. JUNE 24

CLEAR & VERY WINDY

HAD CREW CHECKING HAND-DITCHES TODAY, AND MADE RECORD OF SAME BY STATIONS.

MACKINTOSH ~~CALLED~~ PHONED THIS P.M. RELATIVE TO THE CRANDELL TREES.

SINCLAIR, WHO HAS BEEN VERY NERVOUS LATELY, LOST CONTROL OF HIMSELF ~~WHOLE~~ ENTIRELY THIS ~~NOON~~ NOON AND WANTED TO GO HOME. I TOLD HIM TO LIE DOWN THIS AFTERNOON. AFTER SUPPER HE DECIDED TO GO IN, HE FELT HE COULDN'T STAND THE WORK, SO I HAD BEATON DRIVE HIM INTO ST. PAUL.

WORKING ON ESTIMATES AND ACCOUNTS THIS P.M.

SAT. JUNE 25
FAIR & WARM

BROUGHT ESTIMATES INTO TOWN
THIS MORNING. MALKINTOSH AND I
DISCUSSED A NEW TRANSITMAN, AND THEN
WENT OUT TO SINCLAIR'S HOME TO SEE
HOW HE WAS. SENT PARTY IN BEFORE
12 NOON SO THEY COULD GET THEIR
CHECKS.

MON. JUNE 27

FAIR & WARM. WINDY

HAD MAC INTYRE RUN INSTRUMENT
TODAY ON CROSS-SECTIONS.

SOUTHER EXCAVATING AT 454+88

HANDY CLEARING AND HAND-DITCHING.

TUES. JUNE 28

FAIR & HOT. TEMP. 96°

MAC CROSS-SECTIONING. SAW SOUTHERN
THIS MORNING. HE TOLD ME THAT HE
HAD A DETOUR AROUND ~~THE~~ BOTH
BRIDGES AT 440+44 @ 447+00, HE
PRYING THE FARMER ^B 45, AND THE FARMER
TO GRAVEL AND MAINTAIN THE DETOUR.

MACKINTOSH ^{PHONED} CALLED THIS EVENING
AND SAID HE WAS BRINGING BERTHRUME
AS INSTRUMENT MAN AND FRITZ AS
CULVERT INSPECTOR; THEY TO ARRIVE
TOMORROW MORNING. MCINTYRE TO
LEAVE FOR THE EAST COUNTY LINE
TOMORROW MORNING.

WED. JUNE 29

FAIR & HOT

HAVE ALEX AND BEATON PUTTING UP
SIGNS THIS MORNING. MACKINTOSH BROUGHT
DOWN BERTHIAME AS INSTRUMENT MAN
AND EARL FRITZ AS CULVERT INSPECTOR.
WENT OVER JOB WITH MAC THIS A.M.
AND WENT OUT WITH PARTY IN AFTERNOON.

PARTY NOW CONSISTS OF:

"ART" BERTHIAME π

"BILL" ALEXANDER - ROD

"MURT" BEATON - CHAIN

EARL FRITZ - CULV. INSPEC.

GAVE MACKINTOSH A LIST OF P3
CULVERTS TO ORDER.

THURS. JUNE 30

FAIR AND HOT - WINDY

PARTY SLOPE STAKING AROUND CURVES
NEAR 543+00. CAME BACK AT NOON
AND COMPLAINED THAT LEVEL WAS OFF.
ADJUSTED IT AS WELL AS WE COULD WITH
BROKEN ADJUSTING PIN. HAD NEW PIN
MADE THIS EVENING AND ^{TOOK} OUT LEVEL
AND ADJUSTED SAME.

SAW HANDY THIS EVENING AND HE
SAID HE COULD HANDLE ALL P³ CULVERTS
IN TWO DAYS.

FRIDAY - JULY 1

CLOUDY & COOL

PHONED MACKINTOSH THIS MORNING ABOUT P3 CULVERTS.

PARTY SLOPE STAKING. CAME IN THIS EVENING AND REPORTED LEVEL O.K.

SAW WUNDERLICK AND HANDY THIS EVENING AT HOTEL. WUNDERLICK TOLD ME THAT HE INTENDED TO START AT STA.

589+79 OR 594+95, AND WORK NORTH; AND NEWER & MIELKE TO START AT SAME POINT AND WORK SOUTH.

WUNDERLICK TO HAVE FROM STA. 428+26 TO 589+79 OR 594+95.

W. & M. TO HAVE FROM BEG. OF PROJECT TO 428+26, AND FROM 589+79 OR 594+95 TO THE END.

WUNDERLICK INTENDS TO START THE ATTER PART OF NEXT WEEK.

SATURDAY-JULY 2
CLOUDY & COOL

SOUTHER EXCAVATING FOR W880 CULVER
HANDY HAND-DITCHING AND CLEARING.

LAST EVENING, WUNDERLICK PROPOSED
THAT HE BE ALLOWED TO ^{WASTE} ~~USE~~ SOME OF
MATERIAL FROM CHANNEL CHANGE OVER THE
ADJACENT LAND AT A DEPTH NOT TO EXCEED
TWO FEET, PROVIDING THE OWNER IS
WILLING. WUNDERLICK TO REPLACE, IF
NECESSARY, YARD FOR YARD IN THE FILL
WITH NO EXPENSE TO THE COUNTY.

TRIED TO SEE MACKINTOSH ABOUT THIS
AT OFFICE, BUT HE WASN'T THERE.

MONDAY - JULY 4

NO WORK.

TUES. JULY 5

SLIGHT RAIN IN EARLY P.M.

FAIR & WARM.

HANDY SCRAPING DOWN DITCH WASTEBANKS WITH A 10 TON "CAT." AND COUNTY ROAD SCRAPER.

SOUTHER BUILDING CULVERT FORMS.

MONDAY ONE OF THE FARMERS BECAME ALARMED OVER THE ROADWAY LEFT AT STA. 447+00 AND CLOSED SAME, AND STARTED DRIVING OVERLAND BELONGING TO JOHN HOFFMAN. THE ROAD WAS SAFE, AND THERE WAS NO AUTHORITY FOR CLOSING OF THE ROAD NOR FOR THE DRIVING OVER HOFFMAN PROPERTY.

AS IT WAS NECESSARY THAT JOACOB STAFF CROSS OUR DITCH TO MOW HIS LAND, AND AS NO CULVERTS WERE AVAILABLE, I HAD SOUTHER PLACE A TEMPORARY XING AND PROMISED TO PAY HIM FOR SAME.

WED. JULY 6.

FAIR & WARM.

PARTY SLOPE STAKING.

SAW HOFFMAN, JR. THIS MORNING
AND HE INSISTED THAT HE HAD BEEN
PROMISED A CROSSING AT 440+44.

I FINALLY AGREED TO GIVE HIM A TEMP.
BRIDGE OVER OVER CREEK, BUT HE WAS
TO PROVIDE HIS OWN ROAD THRU SWAMP.

WENT TO RANDOLPH TO SEE IF P₃S HAD
ARRIVED

HANDY HAND DITCHING AND PULLING
STUMPS WITH "CAT." SOUTHER
AT 454+86
EXCAVATING AND REMOVING BRIDGE AT
446+80

THURS. JULY 7

FAIR & WARM

PARTY SLOPE STAKING.

HANDY HAND DITCHING AND
REMOVING STUMPS ~~WITH~~ WITH
"CAT." SOUTHER EXCAVATING AT
454+86.

COUNTED TREES WITH HANDY
ALL P.M. HAVE ALMOST ALL OF TREES
COUNTED NOW.

FRIDAY - JULY 8

FAIR & WARM

CHECKED OVER ALL OF LEFT SPECIAL DITCH WHICH IS NOW COMPLETE. GAVE HANDY LIST OF STATIONS WHICH ARE INCOMPLETE. HE WILL PAY OFF HIS MEN SAT. IF I O.K. THE DITCH.

SOUTHER EXCAVATING AT 454+86.

MACKINTOSH CAME DOWN THIS NOON AND NOTIFIED ME THAT ~~60~~ P³ CULVERTS WERE AT HAMPTON. WE SPOTTED CULVERTS AT HAMPTON, ~~CONTAIN~~ 3 CARS CONTAINING 45 PIECES OF 24" P³ 6' LONG. WE THEN WENT TO RANDOLPH BUT NO CULVERTS WERE THERE.

NOTIFIED HANDY WHO SAID HE WOULD START HAULING SAT. MORNING.

ASKED STATION AGENT AT RANDOLPH TO PHONE ME AT HOTEL WHEN CULVERTS ARRIVED.

SAT. JULY 9

FAIR & WARM

HANDY HAULING CULVERTS FROM
HAMPTON. MEN HAVE COMPLETED LEFT
SPECIAL DITCH AND I O.K'd SAME THIS
MORNING. SOUTHER EXCAVATING
AT 454+86

MON. JULY 11
FAIR & WARM

TRIED TO SEE HANDY TODAY TO NOTIFY HIM
THAT WE HAD CHANGED LOCATION OF 24"-P³
FROM 658+00 TO 655+00, BUT WAS
UNABLE TO SEE HIM. HAVE NOT HEARD FROM
AGENT AT RANDOLPH REGARDS CULVERTS.
HANDY
MEN EXCAVATING SPECIAL DITCH IN SWAMP.
SOUTHER EXCAVATING AT 454+86
PARTY CHECKING HAND-DITCHING ON RIGHT,
AND STAKING CULVERTS.

TUES. JULY 12

FAIR & WARM.

SOME RAIN IN A.M. & VERY HEAVY
STORM ABOUT 5³⁰ P.M.

WENT TO ~~RANDOLPH~~ RANDOLPH THIS
MORNING AND FOUND G.N. 61793
ALL UNLOAD^{ED} OF CULVERTS WITH THE
EXCEPTION OF ONE. ASKED STATION
AGENT ~~WHY~~ HE HADN'T NOTIFIED ME OF
ARRIVAL PER OUR AGREEMENT. HE SAID
HANDY HAD BEEN THERE WHEN TRAIN
ARRIVED AND HE DIDN'T THINK IT WAS
NECESSARY TO PHONE ME. HANDY
MADE NO ATTEMPT TO NOTIFY ME THAT
HE WANTED TO START HAULING PIPE.
HE WAS IN TOWN ALL DAY TODAY AND
I COULDN'T SEE HIM.

WED. JULY 13

FAIR & WARM

A DRAGLINE MOUNTED ON A MACK TRUCK
ARRIVED THIS A.M. TO EXCAVATE CHANNEL
CHANGE. IT IS THE WRONG EQUIPMENT
AND BY EVENING HAD ONLY MOVED ABOUT
FOUR YDS. SAW HANDY ABOUT P³ CULVERTS
AT RANDOLPH AND HE CLAIMS HE DIDN'T
START HAULING UNTIL SEVERAL HOURS AFTER
CULVERTS HAD ARRIVED, AND HE TOOK IT
FOR GRANTED THAT I HAD INSPECTED SAME.
I TOLD HIM HE WOULD BE RESPONSIBLE FOR ALL
BREAKAGE ON G.N. 61793

SOUTHER EXCAVATING AND BACKFILLING
AT STA. 454+84

THURS. JULY 14

FAIR & WARM

HANDY'S MEN FINISHING UP DITCH WHERE IT WAS NOT SATISFACTORY. CLEARING AND GRUBBING.

SOUTHER HAS COMPLETED EXCAVATION AND BACKFILL AT 454+88 AND IS PLACING STEEL. WILL BE FINISHED TONIGHT. EXPECTS TO POUR FLOOR TOMORROW.

W-88D.

STA. 454+88

293 CU. YDS. EXCAV.

43 CU. YD BACKFILL

HANDY CALLED PHONED WUNDERLICK LAST EVENING ABOUT UNSATISFACTORY DRAGLINE, AND WUNDERLICK HAD IT SENT BACK TO ST. PAUL THIS MORNING.

HANDY & I CHECKED P³ CULVERT HAUL THIS MORNING.

FRID. JULY 15
FAIR & WARM

HANDY'S MEN CLEARING AND GRUBBING.
INSPECTED HANDDITCH AND IT'S ALL COMPLETE.

SOUTHER, STARTED POURING FLOOR
AT 8:30 A.M.
T 454+88₁ AND FINISHED AT 8:00 P.M.

OUR FOUNDATION OF GRAVEL PIT ROCKS
WORKED VERY WELL, BUT WE HAD CONSIDER-
ABLE TROUBLE WITH WATER AS THE HOLE
IS FULL OF SPRINGS.

SAT. JULY 16

A.M. FAIR & WARM

P.M. RAIN

HANDY CLEARING AND GRUBBING. AT 10:30 A.M. REC'D WORD FROM ~~RANDOLF~~ RANDOLPH AGENT THAT CAR OF 36" P³ ~~HERE~~ WAS IN AND SO NOTIFIED HANDY AT ABOUT 2⁰⁰ P.M.

HAD PHONE CALL FROM OFFICE THAT TRUCK-LOAD OF ~~20~~ 36" C.M. WOULD BE DOWN AT 12:30 BUT THEY DIDNT ARRIVE UNTIL 3⁰⁰

THE ONE LOAD CONSISTED ^{OF} 96' OF 36" C.M. ON A SOLID ~~TRUCK~~ TIRE TRUCK.

AFTER MUCH ~~B~~ DIFFICULTY I FOUND BRIDGE FOREMEN WHO SAID HE WOULD HELP DRIVER UNLOAD IF I ~~WAS~~ WOULD TAKE 3 OF HIS MEN TO TOWN WHO HAD QUIT. CULVERTS UNLOADED AT ABOUT STA. 430+00 AND WILL HAVE TO BE TAKEN TO PROPER STATIONS ON A SMALL TRUCK.

MON. JULY 18

FAIR & WARM

HANDY HAULING 36" P³ AND PLACING 24" P³
CULVERTS AT 574+82 AND 576+93.

28' OF 36" C.M. DELIVERED AT SIDEROAD
LEFT OF STA. 455+00. DRIVER DIDN'T DARE
ATTEMPT SWAMP.

SOUTHER HAS ONLY FOREMAN AND ONE
MAN LEFT AS REMAINDER OF CREW QUIT.
ENTIRE HOLE AT 454+P2 WAS OVERFLOWING
WITH WATER THIS MORNING BUT WAS
CLEAR BY 5 P.M.

TUES. JULY 19

FAIR & WARM

HANDY ~~ISA~~ INSTALLING 24" P³ AT
STA. 660+00, AND HAULING 36" P³
FROM RANDOLPH.

SOUTHER ERECTING FORMS FOR
SIDEWALLS AT 454+88. ~~GET~~ SOUTHER
BROUGHT OUT 4 MEN FROM ST. PAUL.
PARTY REPLACING STAKES.

WED. JULY 20
FAIR & COOL

HANDY IN TOWN. HIS MEN INSTALLING
24" P³ CULVERT AT STA. 609+00 AND
655+00.

SOUTHER ERECTING SIDE FORMS AT
1-88-D AT 454+88.

MACKINTOSH CAME DOWN THIS NOON
AND WE WENT OVER JOB TOGETHER. HE
SAID HE HAD MADE ARRANGEMENT WITH
T. P. CULVERT CO. BY WHICH WE WERE TO
SHARE THE EXPENSE OF TRANSPORTING
26" C.M. FROM LOCATION WHERE DUMPED
TO REQUIRED LOCATION IN SWAMP; I
TO GIVE WUNDERLICK AN UNCLASSIFIED
ORDER FOR SAME.

THURS. JULY 21

FAIR & WARM

SOUTHER ERECTING SIDE FORMS AT
STA. 454+88

HANDY CLEARING AND PLACING 24" P³
AT STA. 705+00.

FRITZ ON JOB.

CREW AND I ATTENDING COUNTY
PICNIC AT ST. PAUL.

FRIDAY - JULY 22

CLEAR & COOL.

HANDY INFORMED ME THAT FARMER REQUIRED
CULVERT AT 494+00 SO HAD HIM PLACE
36" C.M. 24' LG. WHICH WILL MEAN AN
ADDITIONAL CULVERT TO REPLACE SAME.

HANDY BURNING STUMPS, AND CLEANING UP.

SOUTHER ERECTING SIDE AND SLAB
FORMS AT STA. 454+88 AND EXC. AT
STA. 447+00.

SAT. JULY 23
CLOUDY & COOL.

MAKING UPESTIMATES AND TABULATING
ACCOUNTS. HANDY CLEARING BETWEEN
STA. 503+00 AND 528+00.

SOUTHER BUILDING SIDEFORMS AT
STA. 454+88 AND EXCAV. AT 447+00.

MON. JULY 25

FAIR & WARM

NEWER & MIELKE MOVED INTO CAMP
YESTERDAY MORNING. STARTED GRADING
THIS P.M. AT END OF PROJECT.

SOUTHER POURING SIDEWALLS AND E
WALL AT W-88-D-STA. 454+88

TUES. JULY 26

FAIR & WARM

SOUTHER COMPLETED SIDEWALLS AT 454+88 AND THEN STARTED FORMWORK ON CATTLE PASS.

W. & M. GRADING FROM END OF JOB WORKING NORTH. USING HORSES ON ELEVATING GRADER AT PRESENT, BUT WILL USE TRACTOR LATER.

BEATON NOT WELL, SO HAD HIM STAY IN THIS AFTERNOON.

WED. JULY 27

FAIR & WARM.

HEAVY RAIN ABOUT 11:00 A.M.

SOUTHER COMPLETED W-88 D. AT STA.
454+88 TODAY. LOAD ~~OF~~ OF C.M. CULVERTS
CAME DOWN ABOUT 2:30 P.M. AND I HAD
VANDY HELP UNLOAD AS THE DRIVER WAS
ALONE. DRIVER HAD NO LIST OF STATIONS
OR LIST OF CULVERTS, SO ^{HE} DUMPED BOTH
36" AND 24" AT BEGINNING OF DETOUR.
W. & M. GRADING NEAR END OF PROJECT.
BANISTER & O. VANK. CAME DOWN THIS
AFTERNOON. OLIVER WANTS PARTY SENT
AWAY FOR ABOUT 5 DAYS.

3- 24'-36" C.M.

2- 24'-15" C.M. —

1- 40'-15" C.M. —

46' 24'
43' 72'

THURS. JULY 28

HEAVY RAIN IN A.M.

FAIR & COOL IN P.M.

~~3-24'-36" C.M. - 2-24'-15" C.M. AND
1-40'-15" C.M. DELIVERED BY TRUCK~~

THIS

VISITED OFFICE AT 8:00 THIS MORNING
TO ARRANGE FOR CAR FOR MYSELF WHILE
PARTY IS BACK IN TOWN. MAC SUGGESTED
THAT WE LEAVE 36" C.M. CULVERTS AT
475+80 RT. & 483+00. RIDE FOR A WHILE.

SOUTHER RUBBING DOWN SURFACE
ON CULVERT AT 454+88. HANDY
INSTALLING 36" C.M. IN SWAMP.

W. & M. GRADING WITH ELEV. GRADER AND
BLADE BETWEEN 675+00 AND 705+59,
AND WITH FRESNOS AT HILL NEAR 627+00

PARTY LEFT FOR ST. PAUL THIS MORNING
AT ABOUT 10:30.

FRIDAY - JULY 29

FAIR & WARM

SOUTHER RUBBING DOWN CULVERT AT 454+88 AND PLACING BASE FORM AND STEEL FOR CATTLE PASS.

HANDY BLOWING STUMPS BETWEEN REG. OF PROJ. AND 447+00. GAVE HANDY 63 STUMPS BETWEEN THESE STATIONS.

WEWER & MIELKE GRADING AT 627+00 AND BETWEEN 661+00 AND 705+59.

WEWER SAID HE NEEDED BLUE-TOPS, SO I PHONED OFFICE LAST EVENING TO HAVE A LEVEL SENT DOWN SO I COULD DO THIS MYSELF.

BUT I HAD TO GO IN TO OFFICE MYSELF THIS AFTERNOON TO GET LEVEL MAKING IT TOO LATE TO DO ANYTHING TODAY.

TOLD WEWER WE WOULD HAVE PARTY DOWN MONDAY.

SAT. JULY 30
FAIR & WARM

SOUTHER POURING BASE OF CATTLE-
PASS AT STA. 552+46.

WEWER AND MIELKE GRADING BETWEEN
661+00 AND 705+59. WORKING WITH
FRESNOS ~~BETWEEN~~ AT HILL 627+00.

WE ARE PLOWING UP CONSIDERABLE
FLAT LIMESTONE ROCK AT THIS HILL.

HANDY BLOWING STUMPS BETWEEN
396+00 AND 447+00.

MON. AUG. 1.

FAIR AND WARM.

MACKINTOSH HERE THIS P.M. AND WE
WENT OVER JOB TOGETHER. VISITED
SAND
GRAVEL PIT AT RANDOLPH WHICH DOESN'T
APPEAR MUCH GOOD. MAC WILL TEST SAND
TONIGHT AND WE WILL THEN NOTIFY
SOUTHER AS TO WHETHER O.K. OR NOT.

HANDY MOVING CAMP

SOUTHER EXCAVATING AT STA. 447+00
AND HAULING SAND.

W. & M. GRADING BETWEEN 661+00
AND 705+59.

PARTY STAKING BLUETOPS BETWEEN
674+00 AND 705+59.

YUNDERLICK HAS HIRED HANDY AS
FOREMAN; HANDY TO HANDLE ALL OF
YUNDERLICK'S PORTION OF JOB.

TUES. AUG. 2.

FAIR & WARM

SOUTHER NOTIFIED THAT SAND FROM RANDEPH RANDOLPH JUST PASSED INSPECTION. EXCAVATION OF BRIDGE AT 497+00. SOUTHER ASKED ME IF IT WOULD BE O.K. TO REMOVE INSIDE FORMS FROM CULVERTS BEFORE 21 DAYS. I PHONED MACKINTOSH ABOUT THIS TONIGHT AND HE SAID HE THOUGHT 8 DAYS WOULD BE LONG ENOUGH, BUT TO USE MY OWN JUDGEMENT.

W. & M. GRADING AT SOUTH END OF PROJECT. CONC. BOX CULVERT AT STA. 699+37 ~~W~~ WILL HAVE TO BE REMOVED AND REPLACE WITH 18"-24" C.M.

HANDY BUILDING CAMP.

W. & M. STARTED RIP-RAPPING FARM ENTRANCES, FOR PURPOSE, AS WEWER SAID, OF SHOWING ME HOW GOOD IT LOOKED.

WED. AUG. 3

FAIR & WARM

NOTIFIED SOUTHER THAT HE COULD REMOVE
INSIDE FORMS FROM CULVERT AT 454+88
TOMORROW. EXCAVATING AT STA. 447+00.

I NOTIFIED WEWER THAT PLANS DID NOT
PROVIDE FOR THE RIP-RAPPING OF ENTRANCES
AND THAT HE WOULDNT BE PAYED FOR SAME.
HE SAID HE WOULD RIP-RAY ANYWAY AS IT
LOOKED BETTER AND MADE THE ENTRANCES
EASIER TO BUILD. W. & M. GRADING AT
SOUTH END OF PROJECT.

HANDY STILL BUILDING CAMP.

THURS. AUG. 4

FAIR & WARM

SURVEY PARTY CAME DOWN THIS MORNING TO STAY REMAINDER OF WEEK.

SOUTHER EXCAVATING AT STA. 447+00 AND REMOVING INSIDE FORMS AT 454+89.

HANDY STARTED GRADING BETWEEN 528+50 AND 535+00 USING 3 FRESNOS AND A PLOW. AT ONE STATION HE MADE A CUT WHERE FILL SHOULD HAVE BEEN, AND APPARENTLY, DOESN'T KNOW A GREAT DEAL ABOUT GRADING.

~~HANDY~~ WENER GRADING FROM END OF PROJECT TO 635+68. ALMOST IMPOSSIBLE TO BLADE SURFACE WHEN DRY AS EARTH IS AS LOOSE AND FINE AS FLOUR. STILL RIP-RAPPING F.E.S

FARMER FROM 635+00 CAME IN TO OFFICE LAST EVENING AND STARTED COMPLAINING ABOUT COMING TOO CLOSE TO HIS TREES WITH OUR DITCH, AND SAID HE WOULD STOP THE WORK. I PROMISED TO SAVE HIS TREES AND HE WENT AWAY SATISFIED.

FRIDAY - AUG. 5

FAIR & WARM

PARTY SETTING BLUE-TOPS AND GIVING GRADES AT CULVERT 497+00.

SOUTHER EXCAVATING AT CULVERT 497+00 AND BUILDING SIDEWALLS ON CATTLEPASS.

WEWER USING ELEVATING GRADER BETWEEN 625+00 AND 635+68 IN AFTERNOON, AND BETWEEN 635+58 AND 637+93 IN MORNING.

HANDY USING FRESNOS AT 521+00 TO 523+50. RUNNING IN TO CONSIDERABLE LOOSE ROCK, ESPECIALLY BETWEEN 521+50 TO 522+00. FROM E RD. TO LEFT EDGE OF CUT.

LOOKS LIKE SOLID SANDROCK UNDER THE LOOSE ROAD ROCK.

SAT. AUG. 6

FAIR & WARM

HANDY BRINGING IN GAS SHOVEL. HIS MEN EXCAVATING WITH FRESNOS BETWEEN 520+86 AND 524+61. RUNNING IN TO PATCHES OF SOLID SAND-ROCK ~~WITH~~ WHICH IS VERY DIFFICULT TO MEASURE.

SOUTHER WORKED $\frac{1}{2}$ DAY EXCAVATING AT 447+00 AND BUILDING FORM FOR CATTLE PASS.

NEWER HAD SEVERAL BREAKDOWNS WHILE USING ELEV. GRADER AT HILL 627+00.

FRESNOS TAKING OUT DITCHES NEAR 655+00

~~HANDY EXCAVATING SOLID ROCK BETWEEN STA. 583+88 AND 584+85. ALSO EXCAVATING BETWEEN~~

SUN. AUG. 7

MON. AUG. 8

FAIR & WARM

~~FED~~ CAME DOWN WITH MACKINTOSH
THIS NOON AND WE WENT OVER JOB
TOGETHER.

HANDY EXCAVATING SOLID ROCK BETWEEN
583+88 AND 584+85, ~~FED~~ ALSO EXCAVATING
BETWEEN 520+86 AND 524+61 WITH FRESNOS
FINDING SOME LOOSE SANDROCK.

SOUTHER LAYING STEEL FOR GATTLE
PASS AND COMPLETING FORMWORK.

WEWER USING ELEVATING GRADER AT
HOLL 627+00. HAS FRESNOS TAKING OUT
DITCHES NEAR 650+00

TUES. AUG. 9.

FAIR & WARM

WUNDERLICK DOWN THIS MORNING, AND I SPENT SOME TIME WITH HIM. HE SEEMS WORRIED OVER HIS PORTION OF JOB.

SOUTHER PLACING CONCRETE IN SIDEWALLS OF CATTLEPASS. HE HAD INTENDED TO POUR ~~FULL~~ DECK WITH THE SIDES, BUT I TOLD HIM THAT WAS, N'T PERMITTED.

WEWER AND MIELKE EXCAVATING HILL 627+00 WITH ELEVATING GRADER. THEY ARE RUNNING INTO QUITE A NUMBER OF LARGE ROCKS WHICH CAUSE CONSIDERABLE TROUBLE AS THEY MUST BE REMOVED BEFORE THE GRADER REACHES THEM.

HANDY EXCAVATING WITH SHOVEL AND 2 TRUCKS BETWEEN 582+29 AND IN MORNING. IN P.M. HE MOVED TO BETWEEN 580+70 AND 579+50 AND SUBSTITUTED 5 WAGONS FOR THE TRUCKS. ON THE EXTREME LEFT OF CUT AT 579+50 WE FIND 2' OF LEDGE ROCK (SOLID) WHICH RUNS OUT TO 1' IN THE CENTER. EXC. WITH 4 FRESNOS BETWEEN 520+86 AND 524+61

WED: AUG. 10.

CLOUDY & COOL.

SOUTHER POURING DECK OF CATTLE
PASS.

WEWER EXCAVATING HILL 627+00 AND
TAKING OUT DITCHES AT 655 TO REQUIRED
GRADE. HE CLAIMED OUR CULVERT AT THIS
STATION WAS TOO LOW WHEN IN REALITY
HIS DITCHES WERE FROM .5' TO 1.2' TOO HIGH.

HANDY EXCAVATING WITH SHOVEL
BETWEEN 579+12 AND 582+29. THIS
MORNING, AT 579+50 WE WERE RUNNING
INTO ABOUT $2\frac{1}{2}$ ' OF ROCK ON LEFT, AND
 $1\frac{1}{2}$ ' TO 2' IN CENTER.

AM HAVING SURVEY PARTY, WHICH CAME
DOWN THIS MORNING, TRY TO GET ACTUAL
ELEVATIONS ON THESE LAYERS OF ROCK.

THURS. AUG. 11

FAIR & WARM

SOUTHER REMOVING WING FORMS ON CATTLE PASS AND FINISHING. ALSO EXCAVATING AT 447+00.

WEWER EXCAVATING HILL 627+00 WITH ELEV. GRADER, AND TAKING DITCHES DOWN TO GRADE NEAR 656+00 WITH 4 FRESNOS. AT HILL 627+00 WE ARE STILL FINDING VERY LARGE BOULDERS, SOME REQUIRING THREE HORSES TO MOVE AWAY.

HANDY EXCAVATING ~~BETW~~ WITH SHOVEL BETWEEN 579+12 AND 578+50. HE IS TAKING A CUT THRU FROM $\frac{1}{2}$ TO LEFT SLOPE AND WILL COME BACK AND TAKE OTHER HALF.

TRANSIT PARTY TOOK ELEVATIONS ON TOP AND BOTTOM OF SOLID ROCK LEDGE.

579+00 40' L. = 4.5' THICK. $\frac{1}{2}$ = 4.0' THICK

579+50 40' L. = 4.5 " $\frac{1}{2}$ = 3.0' "

UNDER THIS LAYER IS A PECULIAR MIXTURE OF HARD AND SOFT CLAY, THE HARD CLAY BECOMING HARD AS ROCK ON EXPOSURE TO THE AIR.

I CALLED THIS 50% LOOSE ROCK AND 50% EARTH. HANDY RAISED A HOWL AND SAID IT WAS ALL LOOSE ROCK.

FRIDAY - AUG. 12

CLOUDY & WARM

SOUTHER EXCAVATING AT 497+00

WEWER EXCAVATING HILL 627+00

WITH ELEVATING GRADER. WE ARE STILL
RUNNING INTO LARGE LOOSE BOULDERS.

TODAY WE HAVE 5 MEN AND 3 TEAMS
WORKING FORCE ACCOUNT, ~~AND~~ TAKING OUT
SPECIAL DITCH FROM OUTLET CULVERT 660+46
ALONG TOWN ROAD TO WEST. ALSO MOVING
P³ CULVERT FROM 705+05 TO 704+80.

HANDY EXCAVATING WITH SHOVEL
BETWEEN 578+50 AND 579+12. AT
578+00 WE RAN OUT OF MOST OF THE
SOLID ROCK. HAD PARTY TAKE
ELEVATIONS TOP AND BOTTOM OF SOLID
ROCK.

WUNDERLICK DOWN THIS AFTERNOON.

SAT. AUG. 13

FAIR & WARM

7 MEN - 4 TEAMS - CULVERT

SOUTHER EXCAVATING AT 447+00.

HIS CREW ONLY WORKED 1/2 DAY.

WEWER EXCAVATING HILL 627+00

7 MEN AND 4 TEAMS MOVING P3 AT 705+05,

WIDENING APPROACH AT SAME TIME.

HANDY EXCAVATING WITH GAS SHOVEL

577+80

BETWEEN ~~578+50~~ AND 580+60

MON. AUG. 15

FAIR & WARM

MACKINTOSH DOWN THIS NOON AND WE WENT OVER JOB TOGETHER. HE AGREED WITH MY CLASSIFICATION OF 50% ~~E~~ LOOSE ROCK AND 50% EARTH UNDER THE ROCK LEDGE AT HILL 579+00 ~~OVER~~ UNDER ALMOST THE ENTIRE RIGHT HALF OF CUT IS ANOTHER HARD LEDGE OF SOLID ROCK WHICH EXTENDS UP ABOUT $\frac{1}{2}$ FOOT ABOVE OUR GRADE ELEV. WILL GET ACTUAL ELEVATIONS ON THIS TOMORROW.

WE WERE EXCAVATING HILL 627+00. FINISHED INSTALLING P³ AT 670+80 AND TAKE OFF DITCH ALONG RD. #3. AT 3:00 P.M. THEY HAD THIS FINISHED AND STARTED REMOVING CONCRETE CULVERT AT 699+37 LT. USING POWDER. HAVING CONSIDERABLE TROUBLE BREAKING THIS UP AS IT HAS BEEN REINFORCED WITH STEEL FROM AN OLD WINDMILL.

SOUTHER'S PUMP BROKE AND EXCAVATION AT 447+00 FILLED UP WITH WATER. SOUTHER SAYS HE INTENDS TO WORK A NIGHT CREW ALSO.

TUES. AUG. 16
COOL & RAIN

RAIN ALL MORNING. SOUTHER PUMPING
OUT HOLE R 447+00

HANDY EXCAVATING WITH SHOVEL AT
HILL 579+00. QUITE WORK ON ACCOUNT
RAIN ABOUT 10⁰⁰ A.M.

NEWER AND MIELKE EXCAVATING HILL
627+00 WITH ELEVATING GRADER. ^{QUIT AT 10⁰⁰ A.M.} HAD
INTENDED SEEING W. & M. THIS AFTERNOON, BUT
SURVEY PARTY FORGOT TO BRING OUR CHECKS
SO I SENT EARL FRITZ IN TO GET SOME. ALL
OF WHICH LEAVES ME NO CAR THIS P.M.

~~WE~~ CHANGED V.C. AT 582+00 FROM
300' TO 500' THEREBY RAISING GRADE TO
TAKE CARE OF OVERRUN FROM HILL 579+00
HAVE PARTY OUT STAKING BLUE TOPS FOR
THIS GRADE REVISION THIS P.M.

MACKINTOSH PHONED THIS P.M. AND
SUGGESTED GOLDBERG COME DOWN AND
PLOT ROCK SECTIONS, BUT I THOUGHT
WE WOULD WAIT A FEW DAYS,
7 MEN & 4 TEAMS (W. & M.) WORKING UNTIL
10⁰⁰ A.M. ON UNCL. ORDER #2

WED. AUG. 17

CLOUDY & COOL.

HEAVY RAIN YESTERDAY ~~CAUSED~~ CAVE IN AT EXCAVATION FOR BRIDGE AT 447+00 AND DELAYED WORK. EXPECT TO POUR ~~FOR~~ FLOOR FRIDAY.

HANDY ^{RAN} ~~RAIN~~ INTO SOLID ROCK WHICH EXTENDS IN A FLAT SURFACE ABOUT .3 TO .5' ABOVE GRADE AT 580+00. THE SHOVEL COULDN'T TOUCH THIS ROCK WITHOUT BLASTING WHICH WOULD MEAN BREAKING UP OF ENTIRE SURFACE. TO OVERCOME THIS I RAISED GRADE SLIGHTLY. WE ARE OVERRUNNING VERY STRONGLY ON THIS CUT, AND ARE HAVING DIFFICULTY DISPOSING OF EXCESS MATERIAL.

WEWER EXCAVATING HILL 627+00, AND BLADING FINISHED PORTION OF ROAD. THE 7 MEN & 4 TEAMS WORKING ON UNCLASSIFIED ORDER #2 FINISHED WORK AT 3⁰⁰ P.M. TODAY. 3 MEN REMAINED ON IMPROVING SLOPE WHERE TREES WERE REMOVED BETWEEN STA. 681+00 AND 696+25.

FINISHED
AT 12

THURS. AUG. 18

CLOUDY & COOL.

HEAVY RAIN IN P.M.

SOUTHER EXPECTS TO ~~POU~~ HAVE BRIDGE AT 447+00 READY TO POUR FLOOR TOMORROW MORNING. THE ENTIRE ~~FOR~~ FLOOR OF EXCAVATION IS FULL OF SPRINGS ALTHO ITS SOLID ENOUGH TO REQUIRE ^{5 YDS.} ~~AND~~ BACKFILL.

HANDY TOLD ME YESTERDAY THAT HE WOULDN'T EXCAVATE WITH SHOVEL BETWEEN 573+00 AND 561+00, BUT HE STARTED ~~AT~~ THIS MORNING AND WILL GO THRU TO 569+00.

I GAVE HIM AN APPROXIMATE GRADE TO THIS POINT AS WE WILL HAVE TO RAISE THE GRADE CONSIDERABLE THRU THIS BALANCE POINT.

(WEWER)

3 MEN SLOPING BETWEEN 681 & 696 FINISHED AT NOON.

WEWER RAN INTO A LEDGE OF VERY HARD ROCK WHICH IS PLACED PERPENDICULAR TO THE GRADE LINE AND HAS TO BE DYNAMITED.

THE ELEV. GRADER IS OPERATING IN CLAY WHICH IS ALMOST IMPOSSIBLE TO CUT.

WEWER STILL AT HILL 627+00

FRID. AUG. 19
FAIR & WARM.

SOUTHER POURING FLOOR OF BRIDGE
AT 447+00.

HANDY MOVED SHOVEL BACK TO HILL
579+00 AND TOOK OUT DITCH ON LEFT,
AND THEN MOVED SHOVEL DOWN TO
560+00.

WEWER & MIELKE EXCAVATING
HILL 627+00. ARRANGED WITH WEWER
TO PLACE 4" OF CLAY FROM ON ROAD
BETWEEN 670+00 AND 672+50, HE TO
HAUL CLAY FROM 627+00; OR A PAY HAUL
OF 40 STATIONS.

MACKINTOSH DOWN THIS NOON.

ST. PAUL CULV. Co. SENT DOWN A LOAD
OF CULVERTS WITH A DRIVER WHO KNEW
NOTHING OF STATIONS. HE STARTED THRU
THE SWAMP WITH ENTIRE LOAD, GOT
STUCK, AND UNLOADED ALL CULVERTS
AT STA. 480+00. EARL FRITZ REFUSED
TO SIGN FOR LOAD. FOLLOWING DIST OF CULV:
3- 24'-24" WEWER HAULED A 24'-24"
1- 40'-15" FROM HERE TO ITS
1- 30'-18" LOCATION AT 655+45 LT.
7- 24'-15"
1- 24'-18"

SAT. AUG. 20

FAIR & COOL

SOUTHER EXCAVATING AT 440+44
AND BUILDING FORMS FOR 447+00

HANDY EXCAVATING BETWEEN ⁵⁵⁷⁺³⁵559+36
AND ⁵⁵⁹⁺³⁶56+00. WE ARE IN TO A VERY THICK
LAYER OF SOLID ROCK AT THIS POINT.

HANDY HAS ARRANGED WITH A PHOTOGRAPHER
TO TAKE PICTURES OF SOME OF THE ROCK CUTS.

WEWER EXCAVATING HILL 627+00. ARRANGED
WITH WEWER TO COUNT LOADS OF CLAY

REQUIRED AND SAID I WOULD PAY HIM AT
THE RATE OF ^R1.00 A YARD, THIS TO ~~INCLUDE~~
INCLUDE EXCAV. PRICE, OVERHAUL AND
SPREADING. TIMED ONE OF TEAMS AND ROUND

TRIP REQUIRES 40 MINUTES. WEWER IS
NOW EXCAVATING CLAY WHICH IS SO HARD
THAT IT HAS TO BE PLOWED WITH THE

TRACTOR. TOLD WEWER WE WOULD
ALLOW HIM AN ADDITIONAL FOOT OF
EXCAVATION BETWEEN 626+50 AND 628+25
IF HE WOULD REPLACE SAND WITH CLAY.

150 00. 105.
4 11. 00
FOLLOWED SEPT 25 7

MONDAY. AUG. 22
CLOUDY & COOL.

BROUGHT ~~BO~~ GOLDBERG DOWN WITH ME THIS MORNING TO PLOT X-SECTIONS, ETC.

SOUTHER BUILDING FORMS FOR STA. 447+00 AND EXCAVATING 440+44. HE IS HAVING A GREAT DEAL OF TROUBLE WITH WATER AS HOLE IS FULL OF SPRINGS.

HANDY STARTING IN AT 553+40 AND WORKING SOUTH. WE ARE RUNNING IN TO A THICK LEDGE OF SOLID ROCK. I GAVE HIM PERMISSION TO FILL AND HAUL OVER CATTLE PASS WITH THE UNDERSTANDING THAT EVERY CARE WOULD BE TAKEN TO SEE THAT IT WAS NOT DAMAGED AND THAT THE SHOVEL WOULD NOT BE ALLOWED OVER IT UNTIL 21 DAYS HAD PASSED

WENER PULLED OFF HILL 627+00 AND STARTED BETWEEN 618+06 AND 622+45 WE RAN INTO LEDGE OF SOLID ROCK AT 626+25. PARTY WILL GIVE BLUETOPS TOMORROW AND WE CAN SEE HOW MUCH BLASTING IS NECESSARY.

TUES. AUG. 23,

FAIR AND WARM
"LINDBERG DAY"

GOLDBERG FIGURING ROCK QUANTITIES.

SOUTHER BUILDING FORMS FOR 497+00
AND EXCAVATING 440+44.

WEWER EXCAVATING SAND BETWEEN
636+50 AND 638+25 WITH FRESNOS.

EXCAVATING BETWEEN 618+06 AND 622+45
WITH ELEV. GRADER. TRACTOR RUNNING
POORLY AND DELAYING WORK.

HANDY EXPECTS TO REACH 556+25
TONIGHT TAKING OUT ABOUT $\frac{2}{3}$ OF CUT
AS THEY GO.

MACKINTOSH PHONED THIS MORNING
AND SAID THEY OFFICE HAD A HALF DAY
HOLIDAY. I SAID I HAD TOLD BOYS THEY
COULD GO TO ST. PAUL THIS NOON IF THEY
FINISHED WORK.

SENT IN GOLDBERG AND TOLD HIM TO
COME BACK FRIDAY MORNING.

WED. AUG. 24.

FAIR & WARM

SOUTHER EXCAVATING AT 440+44 AND BUILDING FORMS AT 447+00.

WEWER EXCAVATING FROM 612+34 TO 618+06. TRACTOR NOT WORKING PROPERLY. TAKING OUT ROCK AT 626+25 AND SAND BETWEEN 626+50 AND 628+25.

HANDY EXCAVATING BETWEEN 556+00 AND 557+00. AT THESE POINTS TOP OF OLD ROAD IS TOP OF SOLID ROCK.

MACKINTOSH DOWN AND WE LOOKED OVER CUT AT 546+00 RT. WHICH IS COMPOSED OF LOOSE SAND, AND WILL REQUIRE ADDITIONAL R/W. SAID HE WOULD CALL TOMORROW AS TO WHAT IS DECIDED. FIGURING REVISED SLOPES ON A 1:1 ~~SPO~~ SLOPE INSTEAD OF $1\frac{1}{2}:1$ IT WOULD REQUIRE 40' R. OF W. ON RT. BETWEEN STA. ~~4~~ 537+00 AND 546+50

MAG SAID GOLDBERG WOULD BE DOWN IN MORNING.

THURS. AUG. 25

FAIR & WARM

GOLDBERG DOWN THIS MORNING. MAC PHONED AND SAID I SHOULD TRY TO PURCHASE ADDITIONAL R. OF W. NEAR 546+00.

SOUTHER EXCAVATING AT 440+44 AND BUILDING FORMS AT 447+00

HANDY EXCAVATING BETWEEN 556+00 AND 557+00. HAVE SAME ROCK FORMATIONS THAT WE HAD AT HILL 580+00. PARTY TAKING ELEVATIONS WHEREVER POSSIBLE IN THIS CUT.

WEWER EXCAVATING BETWEEN 608+P6 AND 618+06. STILL TAKING OUT SOLID ROCK IN CUT AT HILL 627+00. UNTIL THIS LAYER IS UNCOVERED IT IS IMPOSSIBLE TO GUESS ITS EXTENT. HE IS MAKING A VERY SLOW JOB OF BUT A SMALL AREA OF ROCK

SAW ROTHER THIS AFTERNOON ABOUT ADDITIONAL 7' OF R.W. BETWEEN 537+00 AND 546+50. HE SAID WE COULD HAVE AREA (.17 A) FOR 30° PROVIDED WE MOVED A NEW FENCE HE HAD ERECTED ALONG 33' LINE.

FRID. AUG. 26

FAIR AND WARM

SOUTHER POURING SIDEWALLS AT
STA. 447+00.

HANDY EXCAVATING BETWEEN 556+00
AND 557+00.

SEWER ELEVATING AT 598+40 TO
608+88.

WE HAVE ABOUT 1500 C.Y. TO WASTE
FROM CUT AT 557+00. FILL IS ALL COMPLETE
AND WIDENED AND THERE IS NO CHANCE TO
PLACE ANY ADDITIONAL ON FILL. AM GOING
TO SEE COUNTY COMMISSIONER AND SEE
IF WE CAN PLACE THIS MATERIAL ON
ROAD AT 554+65 LT. WHICH I UNDERSTAND
IS A COUNTY ROAD. TRIED TO GET
COMM. TONIGHT, BUT HE IS AT CO. FRIR.

SAW ROTHER AND HE AGREED TO SELL
US A STRIP ~~BEW~~ 17' WIDE BETWEEN
537+00 AND 547+00 RT. (.38 AC.) FOR
\$70.⁰⁰, HE TO MOVE AND REPLACE FENCE
GOLDBERG HERE TODAY.

SAT. AUG. 27
CLOUDY & COOL

SOUTHER POURING DECK AT 447+00
HANDY EXCAVATING BETWEEN 556+00
AND 557+00

WEWER GRADING BETWEEN 598+00
AND 608+88

WE FOUND OUT THAT ROAD AT 554+65
LT. IS A TOWN ROAD AND WE OBTAINED
PERMISSION FROM THE CHAIRMAN AND
ONE MEMBER TO WASTE OUR SURPLUS
DIRT ON THIS ROAD. ROTHER, AN ADJACENT
PROPERTY OWNER, OBJECTED, BUT WAS
OVERRULED. ~~STON~~ LEFT DEED FOR
ROTHER'S PROPERTY AT BANK HERE AND
HE SAID HE WOULD SIGN THIS AFTERNOON
OR MONDAY. HE SIGNED VOUCHER FOR
PAYMENT.

BETWEEN CHANGING GRADES AND
DISPOSING OF ~~ADDITION~~ SURPLUS MATERIAL
I HAVEN'T HAD MUCH TIME TO WORK
ON ESTIMATES.

GOLDBERG LEFT ABOUT 10³⁰

MONDAY - AUG. 29

FAIR & WARM

SOUTHER REMOVED WING FORMS AT 447+00 AND RUBBED SAME DOWN YESTERDAY. EXCAVATING TODAY AT 440+44.

WEWER ELEVATING BETWEEN 589+79 AND 594+95

HANDY EXCAVATING BETWEEN 556+00 AND 557+35 AND WASTEING SAME ON ROAD AT 554+65 LT. WE ARE STILL RUNNING INTO A THICK LAYER OF ROCK.

GOLDBERG PLOTTING GRADE CHANGES, ETC.

INQUIRED AT BANK AS TO WHETHER ROTHER HAD SIGNED DEED, AND ~~HE~~ FOUND OUT HE WOULDN'T SIGN UNTIL HE WAS PROMISED NOT TO BE TAXED FOR THIS .38 ACRE. WILL SEE HIM AGAIN.

TUES. AUG. 30

FAIR & WARM

SOUTHER EXCAVATING AT 440+44. I TOLD HIS FOREMAN THAT HE WOULD HAVE TO MAKE BETTER TIME. EARL FRITZ NOT FEELING GOOD TODAY.

WEWER GRADING BETWEEN 582+29 AND 589+79. THIS IS THE BALANCE POINT THAT ~~FRITZ~~ HANDY STARTED, WUNDERLICK ASKING WEWER TO FINISH IT. AS SOON AS I HAVE THE CHANCE I WILL CHECK UP WEWER'S SOLID ROCK AT HILL 627+00. HE IS STILL BLASTING IT OUT IN SMALL PIECES

GOLDBERG HAD NO MORE WORK HE DO, SO I SENT HIM IN ABOUT 2⁰⁰ P.M.

HANDY EXCAVATING BETWEEN 556+00 AND 557+35

SAW ROTHER AND HE SAYS THAT HE WANTS \$20.⁰⁰ MORE IF HE IS TAXED FOR THE .38 ACRE.

WED. AUG. 31.

FAIR & WARM

SAW ROTHER THIS MORNING AND AFTER TWO HOURS ARGUMENT HE GAVE ME HIS WORD THAT HE WOULD SIGN DEED FOR THE #70.°° HAVE TELEPHONE CO. MOVING 6 POLES BACK TO NEW R. OF W. LINE AT ¹2.°° A POLE. THIS IS THE SECOND TIME POLES HAVE BEEN MOVED.

SOUTHER EXCAVATING AT 440+44.

WEWER GRADING BETWEEN 582+29 AND 589+79. HE IS USING THIS DIRT TO COVER ROCK FILL MADE BY HANDY.

HANDY STILL EXCAVATING BETWEEN 553+50 AND 557+35.

WEWER MOVED TO BETWEEN 561+00 AND 576+35 IN P.M.

HANDY MOVED TO 543+91 - 546+50 IN LATE P.M.

WOLFANGLE AND MACKINTOSH DOWNY THIS P.M.

MAC & I DECIDED TO GIVE WEWER A ~~5~~ STRIP OF ROCK 20' WIDE - 56' LG AND 2' THICK AT STA. 626+25.

THURS. SEPT. 1

FAIR & WARM

SOUTHER EXCAVATING HOLE AT 440+44
USING A SMALL TRACTOR AND TWO SLIPS.

WEWER GRADING BETWEEN 561+00 AND
576+35.

HANDY GRADING BETWEEN 543+91 AND
546+50 WITH 1 TRUCK AND 2 WAGONS.

SAW ROTHER ABOUT SIGNING AGREEMENT.
HE SAID HE IS HAVING A HARD TIME GETTING
TO TOWN, BUT PROMISED TO GO IN TOMORROW.

FRID. SEPT. 2

RAIN & CLOUDY.

CLEARED UP IN MORNING AND HAD A BRIGHT AFTERNOON.

RAIN CAUSED CAVEIN OF BANKS AT 440+44 DELAYING EXCAVATION. BY SOUTHER.

HANDY GRADING BETWEEN 540+50 AND 543+91 AND BETWEEN 524+61 AND 540+50. HANDY'S IDEA HAS BEEN TO MOVE DIRT. HE AND I WENT OVER ALL HIS WORK, AND I TOLD HIM IT WAS NECESSARY TO GET SOME MORE LABORERS AT ONCE TO PICK THE LARGEST ROCKS OFF THE ~~CETS~~ ~~RE~~ ROADBED. I WARNED HIM THAT I WOULDN'T PERMIT WEWER TO PUT ON TOPPING EARTH UNTIL SUBGRADE WAS O.K.

WEWER GRADING BETWEEN 561+00 AND 576+35. TRACTOR RUNNING POORLY AND DELAYING WORK. CREW WORKING AT STA. 579+00 AND REMOVING HIGH SPOTS AND ROCKS LEFT BY HANDY. TOPPING MATERIAL BETWEEN 573+00 AND 574+00 ⁸³ ~~574+00~~ WILL BE HAULED FROM 565+00. ⁵⁶⁷⁺⁰⁰ THIS VARIES FROM .5' TO 1.0' IN THICKNESS. (75)

SAT. SEPT. 3

FAIR AND WARM

OBTAINED ROTHER'S SIGNED R.O.F.W.
AGREEMENT THIS MORNING.

FOUND OUT AT 11⁰⁰ A.M. THAT SOUTHERS
MEN HAD LAYED OFF AT 9⁰⁰ AM TODAY
BECAUSE OF BROKEN WATER PUMP.

FRITZ WENT TO ST. PAUL WITH SOUTHER
AT THAT TIME SO HAVE NO REPORT OF
INCIDENT.

HANDY GRADING BETWEEN 524+61
AND 540+50. HE IS RUNNING INTO LOOSE
SAND WHICH I WARNED HIM MUST GO IN-
TO BOTTOM OF FILL.

WEWER GRADING BETWEEN 561+00
AND 576+35. HE IS MAKING THE LONG
HAUL TO 583+00 TODAY.

PARTY HAS FURNISHED ALL NECESSARY
STAKES REQUESTED TO CARRY OVER
MONDAY (LABOR DAY) SO I SAID THEY
COULD HAVE DAY OFF.

CHANGED STAKES BACK TO ORIGINAL GRADE
BETWEEN 561+00 AND 570+00 AS WEWER WAS
POSITIVE WE WOULD NEED ALL THE EARTH. I
DIDN'T THINK SO AND TOLD HIM TO TAKE COMPLETED
CUTS UNTIL WE HAD SUFFICIENT EARTH, AND STOP.

MON. SEPT. 5

"LABOR DAY"

RAIN ALL AFTERNOON

SOUTHER NOT WORKING.

HANDY EXCAVATING WITH GAS SHOVEL BETWEEN
524+61 AND 540+50 IN FORENOON. NO
WORK IN AFTERNOON BECAUSE OF RAIN.

WEWER GRADING BETWEEN 561+00 AND
576+35. ALL WORK SUSPENDED IN AFTERNOON
BECAUSE OF RAIN.

TRANSIT PARTY OFF TODAY.

TUES. SEPT. 6

RAIN ALL DAY

PARTY REPLACING SLOPE STAKES, ETC.

SOUTHER'S FOREMAN PUMPING OUT HOLE
AT 440+14

WEWER AND HANDY NOT WORKING TODAY
BECAUSE OF RAIN.

MACKINTOSH DOWN THIS NOON AND WE TRIED
TO GET OVER JOB, BUT COULDN'T GET VERY
FAR BECAUSE OF MUDDY ROADS.

WED. SEPT. 7

CLOUDY AND WARM
RAIN IN EARLY MORNING

SOUTHER'S CREW NOT OUT TODAY. SAW HIS FOREMAN WHO TOLD ME THAT CREW WOULD BE OUT IN P.M. BUT ~~NO ONE~~ ONLY 3 MEN REPORTED AND THESE UNLOADED CEMENT FROM HAMPTON.

HANDY MOVED SHOVEL FROM 537+00 TO 521+00 BECAUSE OF VERY WET GROUND. EVEN SO IT WAS TOO MUDDY FOR TRUCKS SO USED ONLY 4 WAGONS.

BETWEEN 564+00 AND 570+00 WEWER GOT ENTIRELY TO PLAN GRADE WHICH WAS NOT ACCORDING TO OUR AGREEMENT AND UNDERSTANDING, AND WILL GIVE US TOO MUCH EARTH. HE ADMITTED HE WAS WRONG AND SAID HE WOULD HAVE TO FILL SOME EARTH BACK IF I WOULD GIVE HIM A REVISED GRADE.

.75'
OF TOPPING 30' WIDE, BETWEEN
552+00 AND 561+00 ALL HAULED FROM
563+00

THURS. SEPT. 8

CLOUDY AND WARM

SOUTHER'S CREW UNABLE TO USE NEW
CENTRIFUGAL PUMP ^{AS} ~~AND~~ IT WOULDN'T REMOVE
ALL OF WATER OUT OF EXCAVATION AT 440+
44.50 PUMP WAS SENT BACK FOR REPLACEMENT.
WE ARE HAVING A LOT OF TROUBLE
WITH THIS HOLE BECAUSE OF WATER AND
CAVEINS. TO HELP MATTERS, IF POSSIBLE,
I CHANGED ~~£~~ FROM 440+43.95 TO
440+39.53

^{HANDY}
WEWER IS NOT WORKING SHOVEL TODAY
AND HAS HIS MEN BACK ~~AND~~ FINISHING ON
FILL NEAR 550+00. HE DOESN'T SEEM TO
GET THE IDEA THAT THIS FINISHING SHOULD
BE COMPLETED ~~BY~~ BEHIND THE GRADERS.

HE HAS TWO TEAMS IN SWAMP BETWEEN
481+00 AND 503+00 DRAGGING EXCAVATED
MATERIAL (PEAT) FROM DITCHES, TO INSIDE OF
SLOPE STAKES.

WEWER WORKING BETWEEN 561+00 AND
570+00. IT IS NECESSARY TO CAST EARTH
FROM DITCHES ON TO ~~£~~ ON SOME STATIONS,
AND ON OTHERS, LOADS FROM THE HIGH
PORTIONS WILL HAVE TO BE ~~BY~~ DUMPED.

FRID. SEPT. 9.

CLOUDY AND WARM

SOUTHER HAS NEW PUMP DOWN THIS NOON. HE ASKED IF IT WOULD BE O.K. TO PUMP OUT 447+00 FIRST AND REMOVE FORMS, AS AFTER HE STARTED AT 440+39.53 IT WOULD BE NECESSARY TO KEEP ~~PUMP~~ PUMP GOING CONTINUOUSLY AT THIS HOLE. I GAVE HIM PERMISSION.

HANDY, WHILE WAITING FOR TEAMS, HAS ENTIRE CREW ON FINISHING BETWEEN 540+00 AND 555+00.

THE REVISED GRADE GIVEN WEWER BETWEEN 561+00 AND 576+35 CHECKED O.K. ~~WH~~ WITH THE AMOUNT OF DIRT STILL REMAINING IN THIS CUT AFTER WE HAD TAKEN ALL THAT WAS NECESSARY. WEWER, HAVING FINISHED HIS PORTION OF JOB, WANTS TO PULL OFF. I TOLD HIM IT WOULD BE O.K. PROVIDED HE LEFT A CREW FOR BLADING.

SAW WUNDERLICK THIS EVENING AND WE WENT OVER ^SDETAILS OF JOB. HE IS TRYING TO GET A HORSE OUTFIT FOR THE LONG HAULS AS WE FOUND TRUCKS TO BE IMPRACTICAL.

SAT. SEPT. 10

CLOUDY AND WARM.

SOUTHER REMOVING FORMS AT STA. 447+00 AND PATCHING. THIS BRIDGE WAS VERY FREE FROM ROCK-POCKETS.

HANDY STARTED OUT WITH WEWERS TEAMS TODAY, BUT SHOVEL BROKE DOWN AT ABOUT 10³⁰ A.M. AND TEAMS WERE SENT BACK. HANDY USING HIS OWN CREW AT FINISHING.

WEWER HAS FINISHED HIS PORTION OF PROJECT AND I GAVE HIM WRITTEN PERMISSION TO LEAVE PROVIDING HE MADE ARRANGEMENTS FOR BLADING AND MAINTAINING UNSATISFACTORY PORTIONS OF ROAD.

MON. SEPT. 12

VERY HEAVY RAIN IN A.M.

CLOUDY AND WARM IN P.M.

WENT OVER JOB AS SOON AS I COULD AFTER THE RAIN, BUT FOUND NO STANDING WATER ANYWHERE IN THE DITCHES.

HEAVY RAIN PUT BOTH OF SOUTHER'S PUMPS OUT OF COMMISSION AND FILLED THE EXCAVATION AT 440+40 WHICH HAD BEEN EMPTIED THAT MORNING. HAD TO GET MECHANIC OUT FROM TOWN.

WEWER BROKE CAMP AT 8:30 A.M. LEAVING A LIGHT BLADE WITH HANDY AND A LIGHT DRAG WITH ONE OF THE FARMERS. I DONT KNOW WHAT ARRANGEMENTS HE MADE FOR BLADING.

HANDY DELAYED BY RAIN IN MORNING, BUT IN P.M. STARTED GRADING BETWEEN 524+61 AND 540+50 USING A NEW 7 YD. WAGON PULLED BY A 5 TON "GAT" IF THIS PROVES SATISFACTORY, WUNDERLICK WILL PURCHASE 3 MORE OUTFITS.

BALANCE OF HANDY'S CREW FINISHING.

WEWER SURE CUT UP ROAD WHEN HE MOVED IN THE RAIN.

TUES. SEPT. 13

CLEAR AND HOT

SOUTHER EXCAVATING AT 440+40. HE WAS USING 2 PUMPS BUT HOSE BROKE ON ONE WHICH HAD TO BE REPLACED FROM ST. PAUL.

WEWER PULLED OFF JOB YESTERDAY WITHOUT ~~PULLIN~~ PICKING UP ALL OF BOULDERS AS HE ~~H~~ HAD BEEN ORDERED TO DO.

HANDY MOVING DIRT WITH LARGE WAGON AND "CAT," AND ABOUT 2³⁰ P.M. HE REC'D ANOTHER SMALLER "CAT." WHICH HE IS GOING TO USE TO PULL 2 ORDINARY DUMP WAGONS. THIS OUTFIT MOVES DIRT.

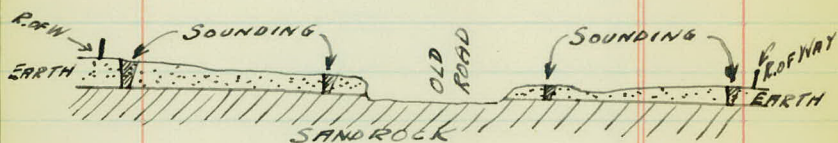
MACKINTOSH DOWN AT NOON AND WE WENT OVER JOB TOGETHER. I GAVE HIM SAMPLES OF OUR SANDROCK WHICH HE IS GOING TO ASK MR. CORTES IDEA ON AS TO CLASSIFICATION. I ALSO ASKED HIM TO SEE WHAT PROVISION IS MADE BY DAKOTA CO. FOR DRAGGING AND MAINTAINING THE ~~A~~ ACCEPTED PORTIONS OF ROAD.

WED. SEPT. 14
FAIR & HOT

SOUTHER EXCAVATING AT 440+40
HAVE TOLD EARL FRITZ THAT ITS ONE
OF HIS JOBS TO KEEP THIS OUTFIT
ON THE JUMP.

ERECTED SMALL "ROAD CLOSED" SIGN
IN CENTER OF ROAD AT END OF OUR
PROJECT. THIS IS MACKINTOSH IDEA.

PARTY AND I DIGGING HOLES AND
TAKING ELEVATIONS ON TOP OF SANDROCK
BETWEEN 504+00 AND 521+00. WE
TOOK AT LEAST 4 ELEVATIONS PER
SECTION OUTSIDE OF OLD ROAD
WHICH RESTS ON TOP OF THIS
SANDROCK



HANDY USING 5 TON "CAT." WITH 7 YD. WAGON;
AND SMALL DEERING "CAT" TRACTOR PULLING
2 ORDINARY DUMP WAGONS. I UNDERSTAND
BOTH THESE OUTFITS ARE BEING DEMONSTRAT-
ED ONLY.

THURS. SEPT. 15

CLOUDY AND WARM.

SLIGHT RAIN IN P.M.

SOUTHER EXCAVATING 440+40. HE HAS 2 MOTOR PUMPS AND 1 HAND PUMP RUNNING CONTINUOUSLY TO KEEP WATER DOWN.

HANDY EXCAVATING BETWEEN 524+61 AND 540+50 USING GAS SHOVEL, "CAT" WITH 7 YD. WAGON AND 1½ YD. FORDSON. "DEERING" NOT WORKING TODAY.

WHEN WEWER LEFT, HE LEFT ^{HIS} SMALL BLADE WITH HANDY WHO WILL REQUIRE IT FOR HIS OWN WORK. SAW MR. STAFF, THE ROAD PATROLMAN, WHO IS GOING TO LET US USE HIS BLADE FOR ~~THE~~ WEWER'S PORTION OF JOB. THE SMALL DRAG WHICH WEWER ARRANGED FOR, WITH ONE OF THE FARMERS, IS NOT HEAVY ENOUGH. I TOLD THIS FARMER TO KEEP ACCOUNT OF HIS HOURS AND PRESENT HIS BILL TO WEWER ON THAT BASIS.

FRID. SEPT. 16

FAIR & WARM

SOUTHER BUILDING FORMS FOR BASE OF 440+40, AND EXCAVATING. TWO PUMPS CAN JUST KEEP THE WATER OUT OF HOLE, AND IF ONE STOPS AGAIN - ?

HANDY IS ONLY USING THE "CAT." AND 7 YD. WAGON, THE OTHER TWO RIGS APPARENTLY NOT PROVING SUCCESSFUL.

HANDY HAS BEEN GONE FOR 3 DAYS NOW.

HIS FINISHING CREW ~~HAS~~ ^{IS} ALSO BEING USED ON SOME OTHER JOB OF WUNDERLICKS.

I'M NOT PUSHING HANDY FOR THE REASON THAT SOUTHER ISN'T FINISHED WITH BRIDGE, AND IF HANDY IS DELAYED ON THIS ACCOUNT, I'LL BE HELD TO BLAME FOR RUSHING GRADING UNNECESSARILY.

TOLD WEWER'S FARMER AID TO FILL UP A FEW HOLES WHERE LARGE ROCKS WERE TAKEN FROM DITCH. ALSO TOLD HIM TO GET BLADE FROM STAFF.

TOLD FRITZ HE COULD GO HOME TONIGHT AND BE BACK TO CHECK STEEL SUNDAY.

PARTY TAKING FINALS

SAT. SEPT. 17

FAIR AND WARM

SOUTHER BUILDING FORMS FOR BASE AND EXCAVATING, AT 440+40. AT THE EAST SIDE OF EXCAVATION WE HIT GRAVEL AT BOTTOM ELEVATION WHILE AT WEST END THE GRAVEL IS ABOUT 4" BELOW BOTTOM ELEVATION.

HANDY IS AT FARMINGTON THIS MORNING UNLOADING A CARLOAD OF HORSES. IS ONLY USING 2 YD. WAGON AND "CAT" FOR MOVING DIRT. THIS MORNING HE MOVED HIS SHOVEL FROM NEAR 538+00 TO 519+00, LEAVING DITCHES TO BE TAKEN OUT LATER.

PARTY TAKING FINALS.

MON. SEPT. 19.

FAIR, COLD & WINDY.

SOUTHER HAS EXCAVATION AT 440+40
ALL READY FOR POURING CONCRETE TOMORROW.
WE HAVE A VERY GOOD FOOTING FOR THE
BASE.

HANDY HAS OBTAINED 31 VERY GOOD
HORSES AND MULES FOR THIS PROJECT
AND AS SOON AS WE GET WAGONS WE WILL
HAVE 9-3 HORSE CARTS AND 1-7 YD WAGON.

HANDY TOLD ME WUNDERLICK WOULD BE DOWN
TODAY, AND I LEFT WORD I WANTED TO SEE
HIM. APPARENTLY HE DIDN'T SHOW UP.

HANDY HAS SHOVEL AT ABOUT STR. 520+00
TODAY.

PARTY TAKING FINAL X-SECTIONS.

SAW RADMAN ABOUT CULVERT, AND HE
SAID THAT ^{IF} WE GAVE HIM A CULVERT
HE WOULD CONSTRUCT HIS OWN DRIVE
AND RIPRAP IT. HOWEVER, I THINK I'LL
SEND A MAN AND SCRAPER DOWN TO BE
SURE ITS PROPERLY DONE.

SOUTHER'S FOREMAN TOLD ME HE HAD
DECIDED TO BUILD BRIDGE ON ORIGINAL
E OF 440+45.95

TUES. SEPT. 20

FAIR AND COLD.

CLOUDY IN P. M.

SOUTHER POURING ~~FLOOR~~ FOOTING OF BRIDGE AT 440+44. WATER ~~CAME~~ CAME IN VERY FAST AND MADE TWO PUMPS NECESSARY. ONE BROKE DOWN FOR A SHORT TIME THIS P. M. AND WATER ROSE OVER TOP OF CONCRETE FOR A SHORT WHILE.

HANDY MOVED SHOVEL TO 505+00 TODAY IN ORDER TO TAKE ADVANTAGE OF SHORT HAUL AS HE HAS GREAT TROUBLE OBTAINING TEAMSTERS, HAVING ONLY 5 AT PRESENT. HE TOLD ME HE HAD STANDING ORDERS WITH 6 EMPLOYEMENT OFFICES. HANDY DOESN'T MIND LETTING MEN GO, AND I THINK HIS REPUTATION HAS SPREAD.

PARTY TAKING FINAL X-SECTIONS.

WED. SEPT 21.

CLOUDY AND COLD

SOUTHER GETTING FOOTING OF W53

AT 396+25 READY FOR CONCRETE TOMORROW.

HE DIDN'T HAVE THE CARPENTERS ON W. 88D

AT 440+⁴⁴~~37.53~~ AS HE HAD PROMISED.

HANDY MOVING DIRT FROM 506+00 INTO SWAMP. YESTERDAY WE ATTEMPTED TO PULL EXCAVATED PEAT FROM DITCHES IN SWAMP, INTO THE ROADWAY, USING TRACTOR ("CAT") AND SMALL BLADE. TRACTOR BROKE THRU TOP CRUST AND HAD TO BE ~~BE~~ LIFTED OUT BY THE GAS SHOVEL. THIS IS THE SECOND TRACTOR THAT WE'VE HAD STUCK TRYING TO MOVE THIS SAME PEAT. MACKINTOSH, WHO WAS DOWN TODAY, THINKS WE SHOULD LEAVE THIS PEAT AS OUTSIDE SLOPE OF FILL. I TOLD HIM I DIDN'T AGREE. HOWEVER, IF WE CANT PULL IT IN, WE WILL HAVE TO LEAVE IT AS IT IS.

PARTY FINISHED FINAL X-SECTIONS OF COMPLETED PORTIONS OF ROAD AND THEN STARTED RESLOPING RESLOPE STARING THE SWAMP.

THURS. SEPT. 22

CLOUDY & COOL

SOUTHER POURED FOOTING OF W 53 AT 396+25. HE HAD ONLY ONE CARPENTER TODAY AND WHEN I ASKED WHY NOT MORE HE TOLD ME THAT ITS ALMOST IMPOSSIBLE TO GET MEN AWAY FROM TOWN. THE GEARS ON PUMP WERE STRIPPED THIS A.M. AND AS RESULT EXCAVATION IS FULL AT 440+44

HANDY EXCAVATING AT 506+00. I ASKED HIM TO HIRE A FARMER TO CUT WEEDS IN SWAMP.

GOLDBERG CAME DOWN TODAY BUT AS I ONLY HAD ONE DAY'S WORK FOR HIM, SENT HIM IN TONIGHT.

TOLD ~~THE~~ WEWER'S FARMER YESTERDAY TO QUIT BLADING WITH SITHALL BLADE AS WUNDERLICK HAS PROMISED TO HAVE A 12' BLADE HERE SAT. WHICH WILL BLADE ALL OF COMPLETED WORK SUNDAY.

FRID. SEPT. 23

FAIR & WARMER.

SOUTHER BUILDING SIDE FORMS
FOR CULVERT AT 440144. PUMP STILL
OUT OF COMMISSION.

HANDY WORKING AT 506+00 WITH
10 TEAMS AND 7 YD. WAGON. SHOVEL ~~BE~~
CAUGHT AFIRE THIS P.M. AND FOR A
MINUTE LOOKED BAD, BUT IT WAS PUT OUT
WITH NO DAMAGE. TOLD HANDY TO GET
STARTED CHANGING CULVERTS IN SWAMP.
HE HAS FARMER CUTTING WEEDS IN
SWAMP TODAY.

SAT. SEPT. 24

FAIR AND WARM

TWO MEN REPAIRING PUMPS AT STA.
440+44. HOLE STILL IS NOT PUMPED
OUT SO FORMS CAN BE ERECTED.

HANDY WORKING SHOVEL AT 506+00.

ABOUT 9⁰⁰ A.M. MAGNETO WENT HAYWIRE
AND SHOVEL WAS LAID UP FOR REMAINDER
OF DAY WHILE HANDY HAD "MAG." REPAIRED
IN ST. PAUL.

WAS INFORMED AT TOOL-HOUSE THAT
OUR FORD WOULD HAVE TO BE OVERHAULED.

CALLED MACKINTOSH AND HE SAID WE
SHOULD GET A "RENT-A-FORD."

MON. SEPT. 26

CLOUDY AND COLD.

SPENT MORNING IN ST. PAUL OFFICE GOING OVER ESTIMATE WITH MACKINTOSH. MAC TOLD ME I HAD BETTER ARRANGE FOR THE PARTY TO USE THE OVERLAND AND SEND THE FORD IN TONIGHT. SOUTHER HAD NO ONE WORKING AT THE BRIDGE LOCATION AS THE PUMP WAS BROKEN AGAIN, SO I TOLD FRITZ TO DRIVE THE FORD IN TONIGHT AND REPORT TO THE ST. PAUL OFFICE IN THE MORNING; HE TO REMAIN THERE UNTIL HE IS NEEDED DOWN HERE. OLIVER WAS DOWN THIS P.M. AND I GAVE FINAL X SECTION BOOK AND ROLL. WUNDERLICK DID NOT SEND DOWN 12' BLADE AS HE PROMISED TO DO SAT. THE INTENTION WAS TO BLADE ROAD SUNDAY. FARMER STILL CUTTING WEEDS IN SWAMP AND IS HAULING THEM AWAY. TOO MUCH DANGER OF FIRE TO BURN ON THE PEAT. SHOVEL IS AT 506700. THE 30'-18" C.M. ORDERED WAS DELIVERED BY FREIGHT TRAIN TODAY TO FARMINGTON. ARRANGED WITH MANDY TO HAUL SAME TO LOCATION.

TUES. SEPT. 27

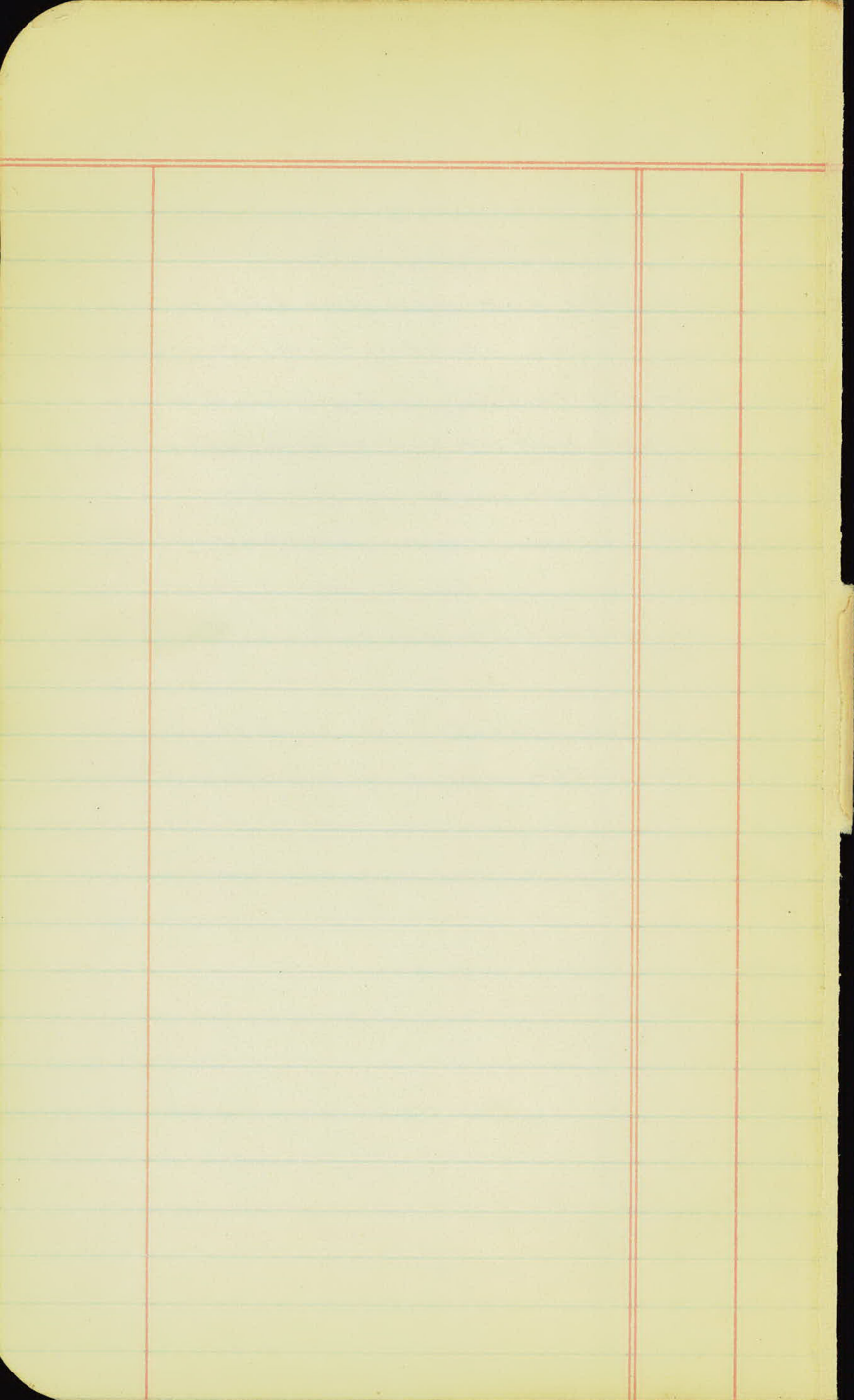
CLOUDY & COLD.

SOUTHER'S FOREMAN AND ONE MAN TRYING TO RIG UP NEW PUMP AS ONE BROKE YESTERDAY BEYOND REPAIR.

HANDY HAS ONLY 8 TEAMSTER LEFT TODAY, BUT IS USING 2 TRACTORS.

SHOVEL AT 307+00. HANDY TOLD ME WUNDERLICK MIGHT BE DOWN TODAY, AND I SAID I WISHED TO SEE HIM IN REGARD TO BLADING.

MACKINTOSH CALLED THIS P.M. AND SAID HE AND MR. COATES WOULD BE DOWN TOMORROW.





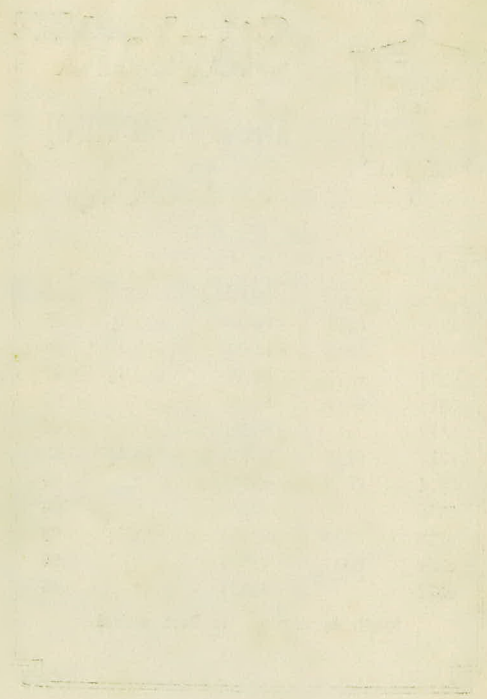
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