



1984 RIVER  
DREDGING PROJECT

**BK 1**

82 0022

# Field Book

50% rag paper  
32 pages

4<sup>5</sup>/<sub>8</sub>" x 7<sup>1</sup>/<sub>4</sub>"

Keuffel & Esser Co. Morristown, N. J. 07960 Made in U.S.A.



520420  
 11/19/11

### CURVE FORMULAS

$$T = R \tan \frac{1}{2} I$$

$$T = \frac{50 \tan \frac{1}{2} I}{\sin \frac{1}{2} D}$$

$$\sin \frac{1}{2} D = \frac{50}{R}$$

$$\sin \frac{1}{2} D = \frac{50 \tan \frac{1}{2} I}{T}$$

$$R = T \cot \frac{1}{2} I$$

$$R = \frac{50}{\sin \frac{1}{2} D}$$

$$E = R \text{ ex. sec } \frac{1}{2} I$$

$$E = T \tan \frac{1}{4} I$$

$$\text{Chord def.} = \frac{\text{chord}^2}{R}$$

$$\text{No. chords} = \frac{I}{D}$$

$$\text{Tan. def.} = \frac{1}{2} \text{ chord def.}$$

The square of any distance, divided by twice the radius, will equal the distance from tangent to curve, very nearly.

To find angle for a given distance and deflection.

Rule 1. Multiply the given distance by .01745 (def. for 1° for 1 ft.) and divide given deflection by the product.

Rule 2. Multiply given deflection by 57.3, and divide the product by the given distance.

To find deflection for a given angle and distance. Multiply the angle by .01745, and the product by the distance.

### GENERAL DATA

RIGHT ANGLE TRIANGLES. Square the altitude, divide by twice the base. Add quotient to base for hypotenuse.

Given Base 100, Alt.  $10 \cdot 10^2 \div 200 = .5$ .  $100 + .5 = 100.5$  hyp.

Given Hyp. 100, Alt.  $25 \cdot 25^2 \div 200 = 3.125$ .  $100 - 3.125 = 96.875 = \text{Base}$ .

Error in first example, .002; in last, .045.

To find Tons of Rail in one mile of track: multiply weight per yard by 11, and divide by 7.

LEVELING. The correction for curvature and refraction, in feet and decimals of feet is equal to  $0.574 d^2$ , where  $d$  is the distance in miles. The correction for curvature alone is closely,  $\frac{1}{2} d^2$ . The combined correction is negative.

PROBABLE ERROR. If  $d_1, d_2, d_3, \dots$  are the discrepancies of various results from the mean, and if  $\sum d^2 =$  the sum of the squares of these differences and  $n =$  the number of observations, then the probable error of the mean =  $\pm 0.6745 \sqrt{\frac{\sum d^2}{n(n-1)}}$

### MINUTES IN DECIMALS OF A DEGREE

1'	.0167	11'	.1833	21'	.3500	31'	.5167	41'	.6833	51'	.8500
2	.0333	12	.2000	22	.3667	32	.5333	42	.7000	52	.8667
3	.0500	13	.2167	23	.3833	33	.5500	43	.7167	53	.8833
4	.0667	14	.2333	24	.4000	34	.5667	44	.7333	54	.9000
5	.0833	15	.2500	25	.4167	35	.5833	45	.7500	55	.9167
6	.1000	16	.2667	26	.4333	36	.6000	46	.7667	56	.9333
7	.1167	17	.2833	27	.4500	37	.6167	47	.7833	57	.9500
8	.1333	18	.3000	28	.4667	38	.6333	48	.8000	58	.9667
9	.1500	19	.3167	29	.4833	39	.6500	49	.8167	59	.9833
10	.1667	20	.3333	30	.5000	40	.6667	50	.8333	60	1.0000

### INCHES IN DECIMALS OF A FOOT

1-16	3-32	$\frac{1}{8}$	3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
.0052	.0078	.0104	.0156	.0208	.0260	.0313	.0417	.0521	.0625	.0729
1	2	3	4	5	6	7	8	9	10	11
.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167

Sept. 4 PRESTON 3 HRS PREPARE PLANS WITH STATE ENGINEERS OFFICE

Sept. 26, Preston 2 HRS WITH STATE WATER PEOPLE ON FLOOD PLANS

OCTOBER 2, PRESTON 6 HRS WITH STATE PEOPLE AND ARMY CORPS

OCT 23, Preston 1 hr IN COMMISSION MEETING WITH UDOT TO TALK ABOUT BRIDGES

NOV. 5, 2 HRS WITH MAYORS OF NIBLEY & MILLVILLE, PRESTON & KEITH NELSON.

NOV. 28 PRESTON, ROSS & JIM. 1 HR MTG. WITH DENNIS MITTON

NOV. 28 PRESTON 1 HR MTG WITH SETH ALDER

PRESTON 8 HRS PLAN DRAWINGS.



DEC 3, PRESTON, ROSS, JIM, COMM. SHELTON  
MTG WITH ARMY CORPS

PRESTON, ROSS & JIM at site at 10:00 am

DEC. 3, TRANSPORT AND TED TO HAUL <sup>8<sup>TH</sup></sup>  
DOZER FOR DENNIS MITTON.

Dec. 4, 1984

8:00 AM DOZER WORKING ON SETH  
ALDER PROPERTY

10:00 BILL MATHEWS ARRIVED AT THE  
SITE MATHEWS

10:30 MATHEWS BEGAN TO WORK.

WORKED TODAY UNTIL 4:00

7 hrs for MITTON 8 hrs Bishop

✓ 5 hrs for MATHEWS 8 hrs WARD  
MATHEWS

Dec. 5, 1984

BEGAN AT 8:00 WITH BACKHOE AND  
DOZER.

FURHRIMAN WORKED ON FENCING FOR  
3 HRS FURHRIMAN

Dennis Mitton worked until 4:00

BILL MATHEWS worked until 5:00

7 hrs for Mitton

✓ 3 hrs for MATHEWS MATHEWS

AFTER 4:00 Mitton did a bit of

work for HOWARD FURHRIMAN FURHRIMAN

HOWARD & JOE FURHRIMAN WORKED @ SITE ALL DAY  
REMOVING FENCE & DOING LIGHT WORK w/ TRACTOR

Dec. 6, 1984

WORK BEGAN @ 8:00 AM w/ DENNIS

MITTON & BILL MATHEWS (DOZER & BACK HOE)

FURHRIMAN IS USING THE COUNTY'S CHAIN SAW  
FURHRIMAN

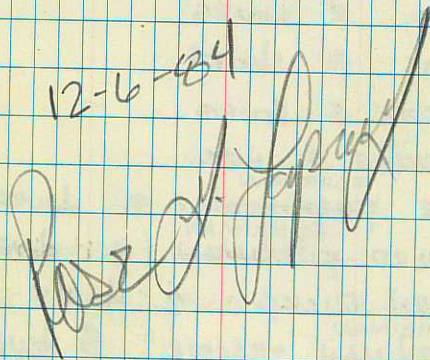


CLEARING OUT TREE LIMBS THAT  
OVERHANG THE RIVER. HOWARD  
FUHRIMAN IS USING THE FAMILY  
TRACTOR TO HAUL THE CUT TREE  
LIMBS OFF & IS PLACING THEM  
ALONG AREAS WHERE <sup>THERE</sup> <sup>AREN'T</sup> ~~THEIR~~ ISNT  
ENOUGH RETARDS TO BIND UP  
EXCAVATED MATERIAL.

BOB FATHERINGHAM HAS  
VISITED THE SITE FOR AN INSPECTION  
& HAS SPENT 6 HOURS & 15 MIN.  
@ THE SITE TODAY.

DENNIS MITTON WORKED <sup>UNTIL</sup> ~~UNTILL~~ 5:00  
MATHUEWS  
BILL MATHEWS WORKED <sup>UNTIL</sup> ~~UNTILL~~ 5:30  
UNTIL  
ROSS 9 HOURS  
JIM 9 HOURS  
PRESTON 8 HOURS  
HOWARD <sup>FUHRIMAN</sup> FUHRIMAN 8 HOURS (VOLUNTEER)  
JOE <sup>FUHRIMAN</sup> FUHRIMAN 8 HOURS (VOLUNTEER)  
LAVERN  
LAVERE RICKS 2 HOURS (VOLUNTEER)  
FUHRIMAN  
FUHRIMAN TRACTOR 8 HOURS  
2 COUNTY TRUCKS 8 HRS EA.  
BOB FATHERINGHAM 6 HRS 15 MIN.

8 HOURS  
8 1/2 HOURS

12-6-84  




DEC. 7, 1984

WORK BEGAN @ 8:00 WITH THE  
LARGE BACKHOE & DOZER.

HOWARD & JOE <sup>FURHRIMAN</sup> FURHRIMAN ARE  
AT THE SITE DOING VOLUNTEER  
WORK WITH THE FAMILY TRACTOR.

WORK HAS PROGRESSED TO  
THE 1ST 90° BEND IN THE  
RIVER ON THE <sup>FURHRIMAN</sup> FURHRIMAN PROP.  
(WEST 90° BEND)

VERN RICKS IS ALSO AT  
THE SITE HELPING OUT.

<sup>FURHRIMAN'S</sup> FURHRIMAN'S ALSO USING THEIR  
3 WHEELER FOR 1 HOUR

PRESTON 8 HOURS

ROSS 8 HOURS

SIM 8 HOURS

DOZER 8 HOURS

BACKHOE 8 HRS

<sup>FURHRIMAN</sup> JOE FURHRIMAN 8 HOURS (VOLUNTEER)

<sup>FURHRIMAN</sup> HOWARD FURHRIMAN 8 HOURS (VOLUNTEER)

VERN RICKS 2 HOURS (VOLUNTEER)

<sup>FURHRIMAN</sup> FURHRIMAN TRACTOR 8 HOURS (VOLUNTEER)

CAMP VEHICLES 2 @ 8 HRS EA.

12-7-84

*Robert J. Sprague*



DEC. 10, 1984

WORK BEGAN @ 8:00 AM WITH  
AN EXTRA BACKHOE. <sup>TERRY</sup> TERRY  
WAS HIRED FRIDAY TO START  
WORK ON MONDAY DREDGING THE  
WEST SIDE OF THE RIVER.  
HE WAS HIRED FOR 65<sup>00</sup> PER  
HR.

MATHEWS  
MATT & MATHEWS ARE BOTH  
WORKING AND ARE @ THE 2<sup>ND</sup>  
90<sup>0</sup> BEND. WORK <sup>SHOULD</sup> CONTINUE  
ON THE <sup>FURIMAN</sup> FURIMAN PROPERTY UNTIL  
TUESDAY NIGHT.

TIME IS AS FOLLOWS

PRESTON	6 HOURS
ROSS	8 HOURS
SIM	8 HOURS
DOZER	8 HRS
T. HOE	7 HRS
M. HOE	8 HRS
DON <sup>FURIMAN</sup> FURIMAN	8 HOURS (CALANSON)
HOWARD <sup>FURIMAN</sup> FURIMAN	6 HOURS
<sup>FURIMAN</sup> FURIMAN FAMILY TRACTOR	6 HOURS
COUNTY VEHICLES (2)	8 HOURS 6 HOURS

DEC. 10, 1984

Rosemary



DEC. 11, 1984

WORK BEGAN @ 8:00 NEAR THE  
FUHRIMAN ACCESS  
FUHRIMAN ACCESS BRIDGE & SLOWLY

PROCESSED SOUTH. (UP RIVER  
THURSTON'S BACKHOE, MATTHEWS  
BACK HOE & MITTON'S DOZER ARE  
ALL @ THE SITE WORKING.

HOWARD & JOE FUHRIMAN HAVE  
HIRED VERN RICKS @ \$1000 PER  
HOUR TO CUT TREES DOWN THIS MORNING.

THURSTON'S BACKHOE WAS MOVED  
ACROSS THE HIGHWAY @ 10:00 AM  
TO REMOVE A LOG DAM. WORK  
ENDED ON THE FUHRIMAN PROPERTY  
@ 1:00 PM & EQUIPMENT WAS HAULED  
BY TED HUNTER OF CACHE CO. ROAD  
DEPT. TO AREA 1 SPECIFIED ON  
THE CORPS PERMIT. WORK  
CONTINUED @ SITE #1 UNTIL 5:00  
PM & ENGINEERING STAFF LEFT.

DEC. 11,  
TIME AS FOLLOWS

THURSTON BACKHOE	8 HOURS
THURSTON TRANSPORT	1 HOUR
MITTON DOZER	8 HOURS
MATTHEWS BACKHOE	8 HOURS
HOWARD FUHRIMAN	5 HOURS (VOLUNTEER)
JOE FUHRIMAN	5 HOURS (VOLUNTEER)
VERN RICKS	5 HOURS (HIRED BY OWNER)
TED HUNTER	3 HOURS
COUNTY TRANSPORT	3 HOURS
ROSS LAPDAY	9 HOURS
JIM BISHOP	8 HOURS
PRESTON WARD	4 HOURS
COUNTY VEHICLES	13 HOURS

12-11-84  
NOTE ON TALK W/ CARVIN ANDERSON  
ALONG PLACING HIS RIP RAP  
PROPERTY. HE SETS UP  
REMOVE FENCE. HE WILL  
12:00 noon



DEC. 12, 1984

WORK BEGAN IN AREA #1 @  
8:00 AM WITH THURSTONS &  
MATHIEWS  
MATTHEWS BACKHOE, & MITTONS  
DOZER. GEORGE WINDBERG AN  
ADJACENT PROPERTY OWNER IS  
HELPING PLACE <sup>LARGE</sup> TREES TO  
BE USED AS RETARD MATERIAL  
ALONG BANKS.

ONE 50 YARD AREA IN AREA  
#1 WILL REQUIRE PLACEMENT OF  
RIP RAP TO PROTECT AGAINST EXCAVATED  
GRAVEL WASHING BACK INTO THE RIVER.  
CACHE COUNTY FORCES WILL DO THE  
WORK.

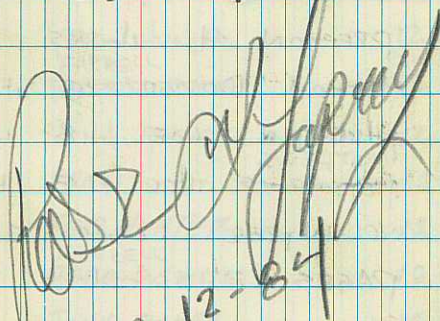
THE CORPS OF ENGINEERS  
CAME UP TODAY FOR AN INSPECTION.  
ALL IS GOING WELL THEY SAID.

WORK CONTINUED UNTIL 5:00  
PM & THE ENGINEERING STAFF  
LEFT AT THAT TIME. WORK IS  
ALMOST COMPLETE IN AREA #1.

NOTE: 752-5406 CANAL CO. PRESIDENT

TIME IS AS FOLLOWS

ROSS	9	HOURS
JIM	9	HOURS
PRESTON	6	HOURS
BOB FATHERINGHAM	4	HOURS
MITTON DOZER	3	HOURS
MATHIEWS MATTHEWS BACKHOE	8	HOURS
THURSTON BACKHOE	8	HOURS
GEORGE WINDBERG	8	HOURS (VOLUNTEER)
CHARLES SHELTON	2	HOURS (COMMISSIONED)
VERN RICKS	1	HOUR (VOLUNTEER)
COUNTY VEHICLES	$\frac{5}{16}$	HOURS

  
12-12-84



DEC. 13, 1984

WORK BEGAN @ 8:00 AM WITH  
ALL EQUIPMENT @ THE SITE (AREA #1)  
MATHIEWS  
BILL MATHIEWS PUT ON HIS 5' BUCKET  
THIS MORNING TO LOAD DUMP TRUCKS.  
LOADING CONTINUED UNTIL 4:00

PM.  
MACHINERY  
ALL MACHINERY FINISHED OUT  
THE DAY CLEANING UP

TIME IS AS FOLLOWS

CHARLIE  
SHELTON 2 HOURS

BOSS 9 HOURS

JIM 8 HOURS

PRESTON 4 HOURS

MITTON DOZER 8 HOURS

THURSTON HOE 8 HOURS

MATHIEWS  
MATHIEWS HOE 8 HOURS

VOLUNTEER LABOR SEE NEXT

PAGES

COUNTY VEHICLES 13 HOURS

LOADING OF CACHE COUNTY DUMP TRUCKS

9:56 AM	TED HUNTER	12 YARDS
10:05 AM	FARRELL SMITH	12 YARDS
10:13 AM	TED HUNTER	12 YARDS
10:55 AM	FARRELL SMITH	12 YARDS
11:05 AM	TED HUNTER	12 YARDS
11:17 AM	FARRELL SMITH	12 YARDS
11:25 AM	TED HUNTER	12 YARDS
11:41 AM	JOHN FISHER	12 YARDS
11:53 AM	FARRELL SMITH	12 YARDS
1:13 PM	TED HUNTER	12 YARDS
1:19 PM	FARRELL SMITH	12 YARDS
1:36 PM	LARRY BRUNSON	12 YARDS
1:56 PM	TED HUNTER	12 YARDS
2:00 PM	FARRELL SMITH	12 YARDS
2:04 PM	JOHN FISHER	12 YARDS
2:26 PM	CROW	12 YARDS
2:43 PM	TED HUNTER	12 YARDS
2:47 PM	FARRELL SMITH	12 YARDS
2:51 PM	JOHN FISHER	12 YARDS



CITIES & TOWNS & PROPERTY OWNERS

~~JOE FUHRIMAN~~ FUHRIMAN 10:34 5 YARDS  
 5 TON TRUCK

~~JOE FUHRIMAN~~ FUHRIMAN 10:47 5 YARDS

~~JOE FUHRIMAN~~ FUHRIMAN 11:11 5 YARDS

MILLVILLE TOWN 11:21 12 YARDS

~~JOE FUHRIMAN~~ FUHRIMAN 11:30 5 YARDS

MILLVILLE TOWN 11:35 10 YARDS

MILLVILLE TOWN 11:47 12 YARDS

~~JOE FUHRIMAN~~ FUHRIMAN 11:52 5 YARDS

MILLVILLE TOWN 11:58 10 YARDS

MILLVILLE TOWN 1:03 10 YARDS

MILLVILLE TOWN 1:05 12 YARDS

SETH ALDER 1:11 5 YARDS

~~JOE FUHRIMAN~~ FUHRIMAN 1:23 5 YARDS

MILLVILLE TOWN 1:26 10 YARDS

MILLVILLE TOWN 1:30 12 YARDS

SETH ALDER 1:33 5 YARDS

~~JOE FUHRIMAN~~ FUHRIMAN 1:41 5 YARDS

MILLVILLE TOWN 1:48 10 YARDS

MILLVILLE TOWN 1:52 12 YARDS

MILLVILLE TOWN 2:11 10 YARDS

MILLVILLE TOWN 2:14 12 YARDS



CITIES & TOWNS      §      PROPERTY OWNERS

FUHRIMAN JOE FUHRIMAN	2:18	5 YARDS
MILLVILLE TOWN	2:32	18 YARDS
MILLVILLE TOWN FUHRIMAN	2:35	12 YARDS
JOE FUHRIMAN	2:40	5 YARDS
MILLVILLE TOWN FUHRIMAN	2:57	10 YARDS
JOE FUHRIMAN	3:00	5 YARDS
JOE FUHRIMAN	3:12	5 YARDS
MILLVILLE TOWN FUHRIMAN	3:17	10 YARDS
JOE FUHRIMAN	3:23	5 YARDS
JOE FUHRIMAN	3:34	5 YARDS
MILLVILLE TOWN FUHRIMAN	3:42	10 YARDS
JOE FUHRIMAN	3:47	5 YARDS
JOE FUHRIMAN	4:01	5 YARDS

*[Handwritten signature]*  
12-13-84

485 cu. YDS.

DEC. 14, 1984

WORK BEGAN @ 8:00 AM WITH  
3 CACHE COUNTY ROAD DEPT. DUMP TRUCKS  
HAULING OFF EXCAVATED GRAVEL. <sup>MATHEWS</sup>  
IS LOADING THE TRUCKS & MITTON IS  
PUSHING UP A STOCKPILE TO HAUL OUT  
OF. THURSTONS BACKHOE IS WORKING ON  
A GRAVEL BAR ON THE SOUTH SIDE OF  
THE NORTH BRIDGE.

CACHE COUNTY TRANSPORT ARRIVED @  
10:00 AM TO MOVE THURSTONS HOE UP TO  
ZOLLINGER  
THE ZALLENGER PIT IT RETURNED @ 12:00  
NOON.

LELAND JOHNSONS BACKHOE WAS  
HIRED TODAY FOR \$5.00 & IS WORKING  
UP RIVER TODAY.

HAULING OF EXCAVATED MATERIAL QUIT  
@ 4:00 PM TODAY

WORK CONTINUED UNTIL 5:00 PM  
& ENGINEERING STAFF LEFT

BOSS 8 HOURS  
JIM 8 HOURS  
PRESTON 8 HOURS

TRANSPORT 2 HRS  
MATHEWS 8 HRS.  
COUNTRY VEHICLES 16 HRS

JOHNSON HOE 8 HOURS  
THURSTON HOE 8 HOURS  
MITTON DOZER 8 HOURS  
LAVERN RICKS 4 HOURS (VOLUNTEER)



## CACHE COUNTY DUMP TRUCKS

1)	8:06 AM	GLEN HILLYARD	12 YARDS
2)	8:15 AM	MAX NIEDERHAUSER	12 YARDS
3)	8:22 AM	LARRY BRUNSON <sup>SON</sup>	12 YARDS
4)	9:03 AM	MAX NIEDERHAUSER	12 YARDS
5)	9:12 AM	FARRELL <del>FERRIS</del> SMITH	12 YARDS
6)	9:21 AM	LARRY BRUNSON	12 YARDS
7)	9:25 AM	GLEN HILLYARD	12 YARDS
8)	9:44 AM	MAX NIEDERHAUSER	12 YARDS
9)	9:57 AM	FARRELL <del>FERRIS</del> SMITH	12 YARDS
10)	10:09 AM	LARRY BRUNSON	12 YARDS
11)	10:24 AM	GLEN HILLYARD	12 YARDS
12)	10:47 AM	MAX NIEDERHAUSER	12 YARDS
13)	10:54 AM	FARRELL <del>FERRIS</del> SMITH	12 YARDS
14)	10:59 AM	LARRY BRUNSON	12 YARDS
15)	11:10 AM	GLEN HILLYARD	12 YARDS
16)	11:30 AM	FARRELL <del>FERRIS</del> SMITH	12 YARDS
17)	11:41 AM	LARRY BRUNSON	12 YARDS
18)	12:58 PM	GLEN HILLYARD	12 YARDS
19)	1:03 PM	LARRY BRUNSON	12 YARDS
20)	1:08 PM	FARRELL <del>FERRIS</del> SMITH	12 YARDS
21)	1:39 PM	GLEN HILLYARD	12 YARDS
22)	1:45 PM	FARRELL <del>FERRIS</del> SMITH	12 YARDS
23)	2:30 PM	FARRELL <del>FERRIS</del> SMITH	12 YARDS

## CITIES, TOWNS, & PROPERTY OWNERS

8:30 AM	MILLVILLE TOWN	12 YARDS
8:35 AM	MILLVILLE TOWN	10 YARDS
8:46 AM	MILLVILLE TOWN	12 YARDS
8:55 AM	MILLVILLE TOWN	10 YARDS
9:08 AM	MILLVILLE TOWN	12 YARDS
9:17 AM	MILLVILLE TOWN	10 YARDS
9:32 AM	MILLVILLE TOWN	12 YARDS
9:38 AM	MILLVILLE TOWN	10 YARDS
9:53 AM	MILLVILLE TOWN	12 YARDS
10:01 AM	JOE FUHRIMAN	5 YARDS
10:05 AM	MILLVILLE TOWN	10 YARDS
10:13 AM	MILLVILLE TOWN	12 YARDS
10:21 AM	JOE FUHRIMAN	5 YARDS
10:30 AM	MILLVILLE TOWN	10 YARDS
10:35 AM	JOE FUHRIMAN	5 YARDS
10:37 AM	MILLVILLE TOWN	12 YARDS
10:45 AM	JOE FUHRIMAN	5 YARDS
10:57 AM	MILLVILLE TOWN	10 YARDS
11:03 AM	JOE FUHRIMAN	5 YARDS
11:05 AM	MILLVILLE TOWN	12 YARDS
11:15 AM	MILLVILLE TOWN	10 YARDS
11:20 AM	JOE FUHRIMAN	5 YARDS
11:22 AM	MILLVILLE TOWN	12 YARDS



11:33 AM	JOE FUHRIMAN <del>FOURMAN</del>	5 YARDS
11:38 AM	MILLVILLE TOWN	10 YARDS
1:11 PM	MILLVILLE TOWN	10 YARDS
1:16 PM	THURSTON CONST.	12 YARDS
1:33 PM	MILLVILLE TOWN	10 YARDS
2:14 PM	MILLVILLE TOWN	10 YARDS
2:35 PM	MILLVILLE TOWN	10 YARDS
3:15 PM	MILLVILLE TOWN	10 YARDS
3:30 PM	MILLVILLE TOWN	10 YARDS
3:55 PM	MILLVILLE TOWN	10 YARDS

*[Handwritten signature]*

12-14-84

591 cu. YDS

OWEN HANCO  
GARY LARSON

PHONE # 752-4008  
" " 753-2203



DEC. 17, 1984.

WORK WAS SLOW GETTING  
STARTED THIS MORNING. THURSTONS  
BACKHOE WAS THE ONLY PIECE  
OF MACHINERY THAT STARTED  
@ 8:00 AM. MITTONS DOZER,  
MATHEWS, VERN RICKS & JOHNSONS  
BACKHOES ALL HAD PROBLEMS TODAY.  
(SEE TIME FOR HOURS EACH)

WORK WAS COMPLETED TODAY  
ABOUT NOON ON AREA 1.

THURSTONS & RICKS HOE'S  
WERE @ THE ZOLLINGER GRAVEL  
PIT SITE. (AREA 3). RICKS IS  
BROKEN DOWN TODAY. BUT THURSTONS  
IS WORKING FINE. JOHNSONS HOE  
IS UP RIVER @ THE JENSEN-HALL  
SITE BUT SPENT 3 HOURS  
BROKEN-DOWN.

UNTIL <sup>MATHEWS</sup> MITTON & MATHEWS WORKED  
~~UNTIL~~ NOON, THURSTONS & JOHNSONS  
WORKED ~~UNTIL~~ UNTIL 5:00 PM & RICKS  
DIDNT WORK @ ALL

AT 5:30 PM ENGINEERING  
STAFF LEFT THE PROJECT.

TIME IS AS FOLLOWS

ROSS	8 1/2	HOURS
JIM	8 1/2	HOURS
PRESTON	6	HOURS
THURSTON HOE	8	HOURS
MITTON DOZER	3	HOURS
MATHEWS HOE	3	HOURS
RICKS HOE	0	HOURS
JOHNSONS HOE	5	HOURS
COUNTY VEHICLES	14 1/2	HOURS

*[Handwritten signature]*  
12-17-84



DEC. 18, 1984

WORK BEGAN @ 8:00 AM WITH  
ONLY 1 OUTFIT DELAYED UNTIL 11:00 AM.  
VERN RICKS WAS SLOW GETTING STARTED.

THE DOZER WAS MOVED FROM  
AREA #1, VIA COUNTY TRANSPORT @  
9:30 AM. WHEN THE TRANSPORT  
RETURNED @ 1:30 PM, MATTHEWS BACKHOE  
WAS MOVED ALSO. BOTH MATTHEWS &  
MITTONS DOZER ARE @ AREA #2 &  
WORKED UNTIL 5:00 PM.

THURSTONS & RICKS BACKHOES  
WORKED @ THE ZOLLINGER PIT SITE.  
(AREA 3) UNTIL 5:00 PM.

WORK IS PROGRESSING WELL &  
THE WORK LOOKS GOOD.  
MATTHEWS WAS LOADING TRUCKS  
THIS MORNING. TIME & YARDAGE IS  
ON NEXT PAGE.

JOHNSONS BACKHOE IS  
WORKING @ THE JENSEN-HALL SITE.  
ENGINEERING STAFF LEFT THE  
SITE @ 6:00 PM.

12-18-84

	HANCEY	
9:30 AM	OWEN HANCEY	12 YARDS
9:39 AM	OWEN HANCEY	12 YARDS
9:54 AM	OWEN HANCEY	12 YARDS
10:14 AM	OWEN HANCEY H	12 YARDS
10:19 AM	MAX NIEDERHAUSER (CC)	12 YARDS
10:27 AM	GEORGE MONSON	12 YARDS
10:38 AM	OWEN HANCEY HANCEY	12 YARDS
11:00 AM	GEORGE MONSON	12 YARDS
11:09 AM	OWEN HANCEY HANCEY	12 YARDS
11:21 AM	MAX NIEDERHAUSER (CC)	12 YARDS
11:30 AM	FARRELL FERRIS SMITH (CC)	12 YARDS
11:38 AM	MILLVILLE TOWN	12 YARDS
11:45 AM	MILLVILLE TOWN	12 YARDS
11:58 AM	OWEN HANCEY HANCEY	12 YARDS
12:57 PM	OWEN HANCEY HANCEY	12 YARDS
1:06 PM	MILLVILLE TOWN	12 YARDS
1:14 PM	GEORGE MONSON	12 YARDS
1:30 PM	GEORGE MONSON	12 YARDS

TOTAL 216 CUBIC YARDS



12-18-84

TIME IS AS FOLLOWS

ROSS 9 HOURS

JIM 9 1/2 HOURS

PRESTON 4 HOURS

MITTONS DOZER 8 HOURS

MATTHEWS BACKHOE 8 HOURS

THURSTONS BACKHOE 8 HOURS

RICKS BACKHOE 5 HOURS

JOHNSONS BACKHOE 8 HOURS

CACHE COUNTY TRANSPORT 5 HOURS

CACHE COUNTY VEHICLES 13 HOURS

*[Handwritten signature]*  
12-18-84



DEC. 19, 1984.

WORK BEGAN @ 8:00 AM WITH  
EQUIPMENT WORKING. MITTON  
MATHEWS  
& MATHEWS ARE AT AREA 2.  
THURSTON & RICKS ARE @ AREA 3  
DREDGING.

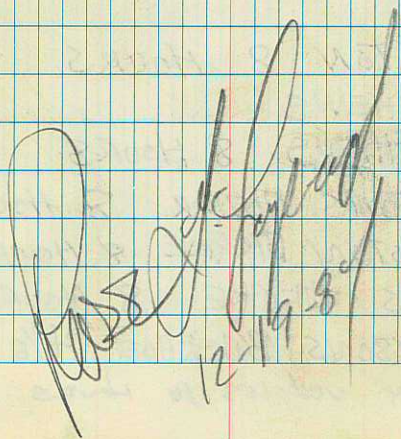
JOHNSON'S BACKHOE IS @ THE  
HOLL & JENSEN SITE  
MATHEWS  
MATHEWS BACKHOE BROKE DOWN @  
10:30 AM BUT HE EXPECTS TO BE  
BACK RUNNING SOMETIME TODAY.

MITTON WALKED UP RIVER TO  
THE IRRIGATION CANAL DIVERSION WHERE  
& BEGAN WORK THERE AFTER LUNCH.  
PRESTON CAME OUT FOR  
A INSPECTION THIS AFTERNOON & ALL IS  
O.K.

THURSTON CONSTRUCTION IS  
HAULING OFF GRAVEL FROM THE  
ZOLLINGER  
~~ZOLLINGER~~ PIT SITE SEE YARDAGE  
NEXT PAGE. WORK CONTINUED UNTIL  
5:00 PM & ENGINEERS STAFF  
LEFT.

TIME IS AS FOLLOWS

ROSS	8 HOURS
SIM	8 HOURS
PRESTON	4 HOURS
CHARLES SHELTON	1 HOUR
MATHEWS MATHEWS BACKHOE	2 1/2 HOURS
MITTONS DOZER	8 HOURS
THURSTON BACKHOE	8 HOURS
RICKS BACKHOE	8 HOURS
JOHNSON'S BACKHOE	8 HOURS
THURSTON CONGR	6-12 TARD LOADS
<del>Kenel</del>	72 cu yds
COUNTY VEHICLES	12 HOURS

  
12-19-84



DEC. 20, 1984

WORK BEGAN @ 8:00 AM

JOHNSON'S BACKHOE STARTED AT 7:30 AM  
TO 11:00 AM / 1:00 PM TO 4:00

JOHNSON'S AT  
JOHNSON'S BACKHOE IS AT THE  
SOUTH BRIDGE.

THURSTON IS HAULING GRAVEL

TIME IS AS FOLLOWS

JIRI 9 HOURS

PRESTON 8 HOURS

MATHEWS

MATTHEWS 8 HOURS

MITTONS DOZER 8 HOURS

THURSTON BACKHOE 8 HOURS

RICKS BACKHOE 8 HOURS

JOHNSON'S BACKHOE 4 1/2 HOURS

COUNTY VEHICLES 16 HOURS

THURSTON CONGRS.

5 TRUCKS AT 12 YARDS

TOTAL 60 YARDS

HAULED RIP ROAD 120 LOADS

*[Signature]*

12-21-84

ESTIMATE



DEC 21, 1984

WEEK BEGAN @ 8:00 AM FOR  
ALL EQUIPMENT EXCEPT MITTONS  
DOZER WHICH STARTED @ 9:30 AM.  
MATHIEWS  
MATHIEWS BACKHOE IS WORKING  
@ THE DR. BISHOP SITE, (AREA 2)  
& WILL WALK UP RIVER TO AREA  
3 LATER TODAY.

MITTONS DOZER, THURSONS & RICKS  
BACKHOES ARE STILL WORKING ON  
AREA 3 (ZOLLINGER PIT SITE). THEY  
WILL FINISH OUT THE WEEK THERE.

PRESTON HAS BEEN OUT  
FOR <sup>AN</sup> INSPECTION & MOST IS  
OK I TOLD HIM WE WOULD RIP RAP  
A FEW BANKS STARTING WEDNESDAY  
DEC 20 & THAT TOOK CARE OF HIS  
CONCERNS CONCERNS

JOHNSONS HOE IS LOADING  
TRUCKS @ THE SOUTH MILLVILLE ROAD,  
@ THE STATE BRIDGE SITE. HE IS  
KEEPING A RECORD OF HOW MUCH  
EXCAVATED MATERIAL IS HAULED OFF.  
SEE NEXT PAGES.

THURSONS HOE LEFT @ 2:00 PM

TIME IS AS FOLLOWS

VERN RICKS	BACKHOE	8 HOURS
TERRY THURSON	BACKHOE	7 HOURS
BILL MATHIEWS	BACKHOE	8 HOURS
DENNIS MITTON	DOZER	6 1/2 HOURS
LEGRAND JOHNSON	BACKHOE	8 HOURS
ROSS LAPRAY		8 HOURS
JIM BISHOP		8 HOURS
PRESTON WARD		4 HOURS
COUNTY VEHICLES (2)		12 HOURS

CACHE COUNTY	12	12 YARD LOADS
THURSON CONST	7	12 YARD LOADS
EAMES EAMES	35	12 YARD LOADS
HANCOY HANCEY	19	12 YARDS LOADS
MILLVILLE TOWN	17	10 YARD LOADS
GEORGE MORSON	17	12 YARDS LOADS

LOADED BY LEGRAND

JOHNSON'S OPERATOR.

TOTAL Clair Hilliard  
1250 cu. yds 752-5974



DEC. 26

WORK BEGAN @ 8:00 AM WITH  
MACHINERY  
ALL MACHINERY WORKING EXCEPT  
THE THURSTON BACKHOE. HE BEGAN  
@ 10:00 AM.

RICKS & THURSTON'S HOES ARE  
SLOWLY WALKING UP RIVER ALONG  
THE BANKS DREDGING OUT GRAVEL  
BARS AS THEY GO. MATHEWS  
MITTONS DOZER & MATHEWS  
BACKHOE ARE CLEANING UP BANKS  
& ARMORING THEM WITH TREE ROOTS  
JOHNSON'S HOE IS @ THE  
SOUTH MILL ROAD DREDGING DREDGING  
& LOADING LOGAN CITY STREET  
DEPT. TRUCKS.

BOB FATHERINGHAM OF  
THE STATE D.O.N.R. CAME  
OUT FOR A INSPECTION ALL  
IS GOING WELL HE SAID.

GEORGE WINDBURK REEMED  
ME OUT GOOD FROM 5:00 PM.  
TO 6:30 PM BUT I CALMED  
HIM DOWN & HE LEFT FRIENDLY

### TIME IS AS FOLLOWS

VERN RICKS BACKHOE	8 HR
TERRY THURSTON BACKHOE	6 HR
BILL MATHEWS BACKHOE	8 HR
LEGRAND JOHNSON BACKHOE	8 HR
DEMNIS MITTON DOZER	8 HR
ROSS LAPRAY	9 1/2 HR
JIM BISHOP	9 1/2 HR
COUNTY TRUCKS (1 Blanco)	9 1/2 HR
BOB FATHERINGHAM	1 1/2 HR
LOGAN CITY	23 12 YARD LOADS
MILLVILLE TOWN	8 10 YARD LOADS
OWEN HANCOY HANCOY	7 12 YARD LOADS
GEORGE MONSON	2 12 YARD LOADS

TOTAL 404 CU. YDS

ALL WERE LOADED BY  
LEGRAND JOHNSON OPERATOR

Clair Hilliard

LARRY JAMES 2 HOURS  
(Logan City)

*[Handwritten signature]*  
12-26-87



DEC. 27, 1984

ROSS & JIM STARTED WORK  
@ 7:00 AM  
ALL OTHER EQUIPMENT BEGAN  
WORK @ 8:00 AM. MATERIAL CONTINUES  
TO BE EXCAVATED FROM THE  
RIVER ALONG AREA 3. ALL  
BACKHOES & THE DOZER ARE  
WORKING.

LEGRAND JOHNSONS BACKHOE  
WORKED FOR 1 HOUR DOING  
SOME CLEAN-UP NEAR GEORGE  
WINDBURGS PROPERTY.  
EAMES

SUSAN EAMES CALLED VERY  
APPARENTLY RECEIVED  
UPSET. APPARENTLY SHE BELIEVED  
SOME MIS-INFORMATION FROM THE  
MILLVILLE TOWN COUNCIL & I'M  
AFRAID I AGGRAVATED HER  
WORSE BY SAYING NO.

TODAY IS COMMISSIONER  
SHELTON & SMITHS LAST MEETING  
WORK QUIT @ 5:00 PM  
& ENGINEERING STAFF LEFT THE  
PROJECT SITE @ 5:30 PM.

ARMY CORPS OF ENGINEERS CAME OUT  
FOR AN INSPECTION & LIKED RIPRAP PLACEMENT.  
MORE IS NEEDED HOWEVER THEY WILL

RETURN NEXT THURSDAY FOR ANOTHER  
INSPECTION & ALSO TO MEET WITH  
PRESTON.

TIME IS AS FOLLOWS

ROSS LAPRAY	9 1/2 HOURS
JIM BISHOP	9 1/2 HOURS
THURSTON BACKHOE	8 HOURS
MATHEWS BACKHOE	8 HOURS
MITTON DOZER	8 HOURS
RICKS BACKHOE	8 HOURS
COUNTY VEHICLES	9 1/2 HOURS
CHARLIE SHELTON	1 HOUR
DEAN SMITH	1 HOUR
OVEN YEATES YEATES	1 HOUR
SETH BIRD	2 HOURS

NO GRAVEL HAULED  
TODAY

COUNTY IS HAULING IN RIP-RAP  
IN TWO (2) TRUCKS (8 HOURS EA.)  
APPROX 120 CU. YDS 10 LOADS

12-27-84  
\$ 75.00 PER HR. LOADING  
TOTAL \$ 500.00 A LOAD



DEC. 28, 1984

WORK BEGAN THIS MORNING @ 8:00 AM, WITH ALL EQUIPMENT WORKING. WORK IS STILL IN AREA III. NO RIP RAP IS BEING HAULED IN TODAY. WORK CONTINUES ON BANKS ON SCoured CORNERS.

WORK CONTINUED UNTIL 5:00 PM. ENGINEERING STAFF LEFT THE PROJECT SITE @ 5:05 PM.

TIME IS AS FOLLOWS

THURSTON BACKHOE	8 HOURS
MITTON DOZER	8 HOURS
MATTHEWS BACKHOE	8 HOURS
RICKS BACKHOE	8 HOURS
ROSS LAPRAY	8 HOURS
JIM BISHOP	8 HOURS
COUNTY VEHICLES	8 HOURS
SETH BIRD	1 HOUR
JOE FUHRMAN FUHRMAN	4-5 YARD LOADS

THURSTONS LOADED TRUCKS  
TODAY

THURSTON CONSTRUCTION - 6-12 YARD  
LOADS

72 cu. YDS  
+  
30 YDS  

---

102 cu YDS

12-28-84



DEC. 31, 1984.

WORK BEGAN THIS MORNING @  
8:00 AM IN AREA 3 WITH  
ALL EQUIPMENT WORKING.

NO GRAVEL IS BEING HAULED  
TODAY.

WORK CONTINUES ON SCoured  
CORNERS & SLOPING OF INSIDE  
BANKS.

TIME IS AS FOLLOWS

ROSS 9 HOURS

SIM 9 HOURS

PRESTON 2 HOURS

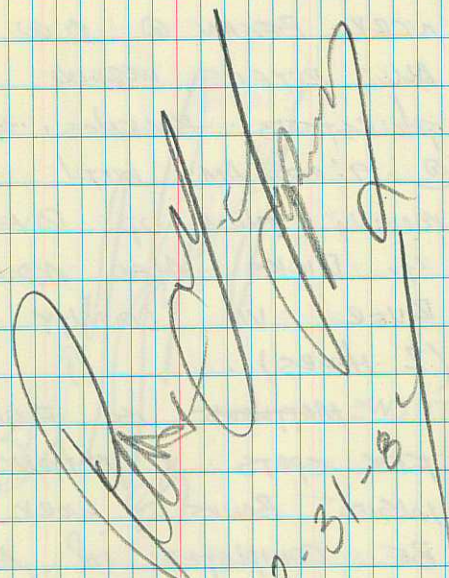
MITTON 8 HOURS

MATHEWS ~~MATTHEWS~~ 8 HOURS

THURSTONE 8 HOURS

RICKS 8 HOURS

COUNTY VEHICLES 11 HOURS (2)

  
12-31-84  
Happy New Year  
①



JAN 2, 1985

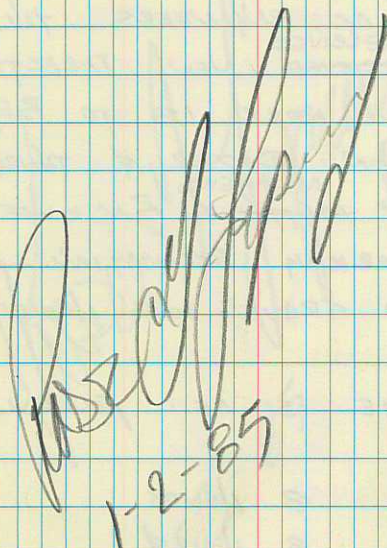
WORK BEGAN @ 8:00 AM WITH  
ALL EFFITS WORKING EXCEPT  
THURSTON'S BACKHOE. HE BEGAN  
@ 9:00 AM WITH THEIR TRANSPORT  
MOVING THEM UP RIVER TO AREA  
4. RICKS ALSO MOVED UP  
RIVER VIA COUNTY TRANSPORT  
(2 HOURS).

MATHEWS ~~MATHEWS~~ IS FIXING A  
FEW SPOTS & MITTON IS SLAPING  
INSIDE BANKS. WORK WILL  
BE COMPLETED IN AREA 3  
TODAY EXCEPT FOR HAULING RIPRAP

TIME IS AS FOLLOWS

DOES	0	HOURS
JIM	3	HOURS
PRESON	2	HOURS
THURSTON	6.5	HOURS
MATHEWS <del>MATHEWS</del>	8	HOURS
MITTON	8	HOURS
RICKS	8	HOURS
COUNTY TRANSPORT	2	HOURS

COUNTY VEHICLES  
IN HR'S

  
1-2-85

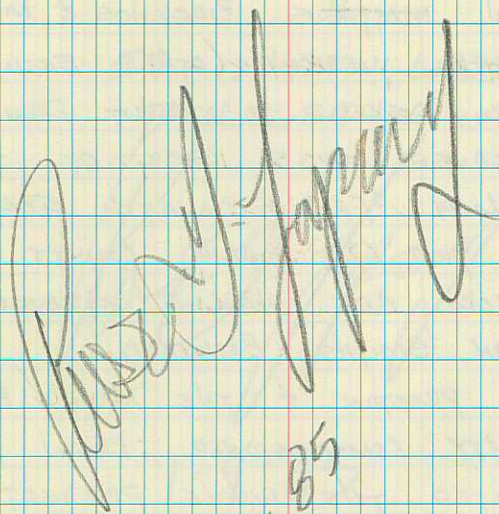


JAN 3, 1985

PRESTON JIM & I HAD A MEETING  
W/ BOB FATHERINGHAM & THE  
CORPS OF ENGINEERS THIS MORNING  
WE RECEIVED NEW DIRECTIVES  
ON HOW WORK IS TO BE DONE  
MITTONS DOZER & THURSTONS,  
RICKS, & MATTHEWS BACKHOES ARE  
ALL WORKING EXCAVATING GRAVEL  
NO GRAVEL WAS HAULED TODAY

TIME IS AS FOLLOWS

ROSS	8 HOURS
JIM	8 HOURS
PRESTON	8 HOURS
BOB FATHERINGHAM	16 HOURS
CORPS OF ENGINEERS	16 HOURS (2)
THURSTON BACKHOE	8 HOURS
MATTHEWS MATTHEWS BACKHOE	8 HOURS
RICKS BACKHOE	8 HOURS
MITTON DOZER	8 HOURS
COUNTY VEHICLES	16 HOURS

  
1-3-85



JAN 4, 1985

WORK BEGAN @ 8:00 AM  
Vital MATHEWS BACKHOE & MITTONS  
DOZER WORKING. (OTHER EQUIPMENT  
WAS ASKED TO SHUT DOWN TODAY  
BECAUSE OF A LACK OF TRUCKS  
HAULING OFF EXCAVATED GRAVEL.)

TWO (2) CACHE COUNTY DUMP  
TRUCKS ARE HAULING GRAVEL INTO  
BRIAN SMITHS BACKYARD.

PRESTON & THE NEWLY ELECTED  
COUNTY COMMISSIONER DEAN PARKER  
VISITED THE WHOLE PROJECT.  
(4 HOURS)

TIME IS AS FOLLOWS

ROSS 8 HOURS

JIM 8 HOURS

PRESTON 6 HOURS

DEAN PARKER 6 HOURS

MITTON DOZER 8 HOURS

MATHEWS MATHEWS BACKHOE 8 HOURS

GLEN HILLMAN 8 HOURS

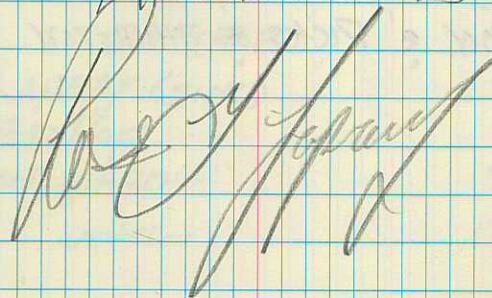
LARRY BRUNSEN 8 HOURS

COUNTY VEHICLES (2) 14 HOURS

MATHEWS  
BILL MATHEWS LOADED COUNTY TRUCKS  
TODAY

57-12 YARD LOADS

TOTAL 684 CU. YDS



1-4-85



Jan. 7, 1985.

WORK BEGAN @ 8:00

MATHEWS WORKING ON [RIP-RAP]

MITTON & RICKS & THURSTON

1-7-8

TIME IS AS FOLLOWS

MATHEWS	BACKHOE	7
THURSTON	BACKHOE	6.5
MITTON	DOZER	8
RICKS	BACKHOE	8
ROSS	LAPRAX (SICK)	0
JIM	BISHOP	9
PRESTON	WARD	8
COUNTY	VEHICLES	17 Hes



JAN. 8, 1985

WORK BEGAN @ 8:00 THIS MORNING  
WITH ALL EQUIPMENT WORKING

CACHE COUNTY ROAD DEPT.

TRUCKS (3) ARE HAULING RIP RAP  
MATERIAL & <sup>MATHEWS</sup> MATHEWS & THURSTON'S  
BACKHOES ARE PLACING IT

LAVERN RICKS IS LOADING  
EXCAVATED GRAVEL INTO LOGAN CITY  
& CACHE COUNTY TRUCKS (2 COUNTY)

AT 2:00 WE MET THE NEW  
COUNTY COMMISSIONERS & FILLED  
THEM IN ON THE DREDGING PROCESS  
ARMORING OF BANKS IS

GOING WELL. WORK QUIT

@ 4:00 PM FOR RIP RAP PLACERS  
OTHER EQUIPMENT WORKED ~~UNTIL~~ UNTIL

5:00 PM. @ 5:00 PM WE

MET THE PRESS & THE  
COMMISSION FOR AN UPDATED

PUBLIC ANNOUNCEMENT. @ 6:00

PM. ENGINEERING STAFF LEFT  
THE PROJECT.

CACHE COUNTY HAULED 14 LOADS  
OF RIP RAP TODAY.

TIME <sup>PAID APPROX</sup> IS AS FOLLOWS 1-8-84

MATHEWS		
MATHEWS BACKHOE	7 HOURS	
THURSTON BACKHOE	6.5 HOURS	
MITTON DOZER	8 HOURS	
RICKS BACKHOE	8 HOURS	
ROSS LADDER	9 HOURS	
SIM BISHOP	9 HOURS	
PRESTON WARD	9 HOURS	
DEAN PARKER	6 HOURS	
OWEN YEATES YEATES	6 HOURS	
JAY MONSEN	6 HOURS	
KEITH <del>KEITH</del> NELSON	6 HOURS	
SETH BIRD	6 HOURS	
SETH ALLEN	6 HOURS	
BOB FATHERINGHAM	3 HOURS	
MAYOR OF MILLVILLE	3 HOURS	
KAY LITZ	3 HOURS	
COUNTY DUMP TRUCKS (5)	40 HOURS	
COUNTY VEHICLES (3)	22 HOURS	

HAULING OF EXCAVATED GRAVEL		
CACHE CO. 21-12 YARD LOADS		TOTAL YARDS 6664 CUBIC YARDS HAULED AWAY
<sup>HANCEY</sup> OWEN HANCEY 15-12 YARD LOADS		
MILLVILLE TOWN 12-10 YARD LOADS		
LOGAN CITY 8 12 YARD LOADS		
LOGAN CITY 2 20 YARD LOADS (BELLY DUMP)		



JAN. 9, 1985

WORK BEGAN @ 8:00 AM TODAY  
RIP RAP IS STILL BEING  
HAULED IN & PLACED IN AREA  
2 BY BILL MATTHEWS. MATTHEWS  
THURSTON, RICKS, & MITTON  
ARE STILL EXCAVATING GRAVEL  
IN AREA 4. LOGAN CITY  
IS HAULING AWAY <sup>A LOT</sup> OF  
MATERIAL TODAY.

CACHE COUNTY IS HAULING  
RIP RAP ONLY TODAY. NO GRAVEL  
BOB FATHERINGHAM VISITED  
THE SITE TODAY & SAID IT  
LOOKED GOOD BUT MADE SOME  
SUGGESTIONS.

MATHEWS MATTHEWS - WILL MOVE UP  
RIVER TONIGHT & WILL START  
PLACING RIP RAP ON BILL  
SWEATSON'S TOMORROW

CACHE COUNTY HAULER  
60 LOADS OF RIP RAP  
TODAY

TIME IS AS FOLLOWS

ROSS	8 HOURS
JIM	8 HOURS
PRESTON	6 HOURS
MATHEWS	
MATTHEWS HOE	8 HOURS
RICKS	8 HOURS
MITTON DOZER	8 HOURS
THURSTON HOE	8 HOURS
SETH BIRD	4 HOURS
COUNTY DUMP TRUCKS (3)	24 HOURS
COUNTY VEHICLES (3)	18 HOURS
<u>HAULED OFF EXCAVATED GRAVEL</u>	

LOGAN CITY	42	-12 YARD	LOADS
LOGAN CITY	9	-20 YARD	LOADS
OWEN HANCOCK	14	-12 YARD	LOADS
MILLVILLE TOWN	6	-10 YARD	LOADS

1,012 CUBIC YARDS

*[Signature]*  
1-9-85



JAN. 10, 1985

WORK BEGAN @ 8:00 AM TODAY  
WITH ALL EQUIPMENT WORKING.  
MATHEWS  
MATTHEWS & MITTON ARE  
PREPARING FOR PLACEMENT OF  
RIP RAP ALONG BILL SWENSON'S  
PROPERTY. BILL IS ALSO HELPING  
OUT.

RICKS & THURSTON'S BACKHOE  
ARE LOADING TRUCKS FROM  
LOGAN CITY & MILLVILLE  
TOWN - WORK IS GOING  
WELL.

WE HAD PROBLEMS  
WITH THE <sup>BLAU</sup> BEATT FAMILY  
TODAY THEY ARE THE  
PROPERTY OWNERS. THEY  
HAVE BEEN CALMD DOWN

OUR ACCESS ROAD PIPE  
BECAME PLUGGED TODAY & WE  
HAD TO <sup>DIG</sup> ~~DIG~~ IT OUT & WE'LL  
PUT IN A LARGER ONE TOMORROW.

ENGINEERING STAFF LEFT THE  
PROJECT @ 5:30 PM.

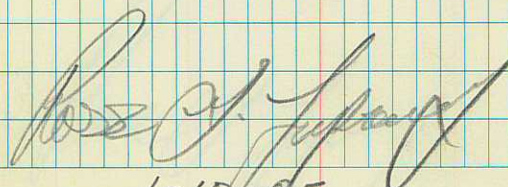
TIME IS AS FOLLOWS

COUNTY VEHICLES	16 1/2 HOURS (2)
ROSS LAPRAT	8 1/2 HOURS
JIM BISHOP	8 1/2 HOURS
PRESTON WARD	8 HOURS
BILL SWENSON	8 HOURS (VOLUNTEER)
VAL SWENSON	8 HOURS (VOLUNTEER)
BILL <sup>MATHEWS</sup> MATTHEWS	8 HOURS
DENNIS MITTON	8 HOURS
LAVERN RICKS	8 HOURS
THURSTON CONST.	8 HOURS
MR. & MRS. BLAU	4 HOURS (VOLUNTEERS)

LOADS OF EXCAVATED GRAVEL HAULED AWAY

LOGAN CITY DUMP TRUCKS	40 - 12 YARD LOADS
LOGAN CITY BELLY DUMP	7 - 20 YARD LOADS
OWEN HANCEY HANCEY	6 - 12 YARD LOADS
MILLVILLE TOWN	3 - 10 YARD LOADS

TOTAL YARDAGE 894 CU. YDS.

  
1-10-85



JAN 11, 1985

WORK BEGAN @ 8:00 AM TODAY  
WITH ALL EQUIPMENT LOADING GRAVEL  
OR PLACING RIPRAP, CACHE COUNTY  
IS REPLACING A ACCESS ROAD CULVERT  
& THEN WILL HAUL EXCAVATED GRAVEL  
TO THE BLAU FAMILYS PROPERTY, ALONG  
THE RIVER. WORK IS PROGRESSING  
WELL.

BILL & VAL SWENSON ARE  
HELPING OUT TODAY.

LOGAN CITY IS HAULING GRAVEL  
WITH ALL OF THEIR TRUCKS TODAY.  
BILL <sup>MATHEWS</sup> ~~MATHEWS~~ SHOULD  
FINISH SWENSONS RIP RAPED DYKE  
TODAY. (45 LOADS)

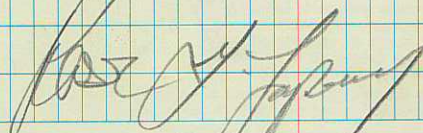
TIME IS AS FOLLOWS

PRESTON	3	HOURS
ROSS	9	HOURS
JIM	9	HOURS
COUNTY VEHICLES	12	HOURS
BILL <sup>MATHEWS</sup> MATHEWS	7 1/2	HOURS
DENNIS MITTON	7	HOURS
VERN RICKS	7	HOURS
TILVESTON CONST	7	HOURS
BILL SWENSON	8	HOURS (VOLUNTEER)
VAL SWENSON	8	HOURS (VOLUNTEER)
GLEN HILLIARD	8	HOURS
FARRELL FERDIL SMITH	8	HOURS
COUNTY DUMP TR.	16	HOURS

LOADS OF EXCAVATED GRAVEL HAILED AWAY

CACHE COUNTY	56	12 YARD LOADS
LOGAN CITY	25	12 YARD LOADS
LOGAN CITY	5	20 YARD LOADS

TOTAL 1072 CU. YDS.

  
1-11-85



