

CR 341(2) DIARY #2 P. WARD

CR 341(2)

DIARY BOOK<sup>2</sup>

PRESTON WARD



OCT. 15, 1979

BEGAN WORK AT 8:00 AM. BOB PHILIPS FROM PARSON'S CAME OUT. HE SAID THAT THEY WOULD BE STARTING TO BUILD UP APPROACHES TODAY. HE HAS SEVERAL LOADS OF BORROW BROUGHT IN AND IS SUPPOSE TO HAVE A WATER TRUCK AND ROLLER HERE. PHILIPS LEFT AT 11:00 TO SEE WHERE HIS EQUIP IS.

ROLLER FINALLY ARRIVED AT 2:00. GARY ASKED ABOUT CHAMPIER FOR CONST. JOINTS ON PARAPET. DECIDED TO MAKE THEM OUT OF WOOD TO EXACT SPEC INSTEAD OF CHANGING PLANS AND USING METAL. I TOOK COMP TEST USING A SAND CONE INFO ON NEXT PAGE.

WT OF APP.	4.10#
WT OF SAND AND APP.	15.39#
WT OF SAND	11.29# $\approx$ 5121.06 gms
WT OF SAND IN CONE	2.90# $\approx$ 1315.0 gms
WT OF SAND / cu. FT.	<del>79.92#</del> 84.45
WT OF CONT. AND SAMPLE	6.18# (WET)
WT OF CONT.	429.8 gms
WT OF SAND AND APP.	9.30# (AFT. FILLING HOLE)
WT OF SAND TO FILL HOLE	= 6.09#
WT OF SAND IN CONE	- 2.90
WT OF SAND IN HOLE	3.19#
WT OF WET SAMPLE AND PAN	1102.1 gms
WT OF PAN.	



OCT. 17, 1979

ARRIVED AT 7:45 STARTED WORK AT  
8:00. MILLER MEN CONT. STRIPPING  
DECK FORMS AND BUILDING PARAPET.  
LEFT SITE AT 9:00. RETURNED AT  
1:00. PLANS TO POUR CONC. ON  
SO. EAST PARAPET AT 2:00.

CONC. ARRIVED AT 2:10 9 CUBYDS  
SLUMP WAS 3" AIR 6½%. TOOK  
COMPACTION TEST FOR NO. APPROACH  
97% WAS THE COMPACTION. PARSON  
HAD RAT-GO VIB. ROLLER ON THE  
JOB TODAY AND HAULED 205.8 TONS  
OF BORROW TODAY 260.0

Robert B. Ward



OCT 18, 1979

ARRIVED AT SITE 8:00 AM.

LEFT SITE AT 8:30 AM

ARRIVED AT SITE 2:00 PM

POURED CENTER PARAPET ON EAST  
SIDE OF BRIDGE I TOOK TEST.

AIR 6% SLUMP 4" LEFT SITE

AT 4:30 PM

Robert B. Ward



OCT 22, 1979

I ARRIVED AT 7:45 . MILLER MEN BEGAN  
TO STRIP FORMS ON PARAPET.

I LEFT AT 9:00.

ARRIVED BACK ON SITE AT 11:30  
PARSONS BROUGHT 4 CU YDS OF CONC.  
FOR NO. EAST END OF PARAPET SLUMP  
WAS  $2\frac{3}{4}$ " AIR WAS ONLY 3%  
LEFT SITE AT 5:00pm

Preston B. Ward

4 yds "AA"AE CONCRETE



OCT. 23, 1979

ARRIVED AT 8:00 MILLER MEN BEGAN  
TO STRIP FORMS ON NO. EAST END  
OF PARAPET. LEFT AT 8:45.

ARRIVED AGAIN AT 2:45 Poured  
NO. WEST END OF PARAPET SLUMP  
ON CONC. WAS 5" AND AIR WAS 8%  
LEFT SITE AT 5:00pm

Preston B. Ward

9 cu yds "AA" AE CONC.  
6 MEN.



OCT. 25, 1979

ARRIVED AT 7:45. MILLER MEN BEGAN  
TAKING OFF FORMS ON W. CENTER  
PARAPET WALL. HAD A MEETING WITH  
GLEN AND ALEX. I LEFT SITE AT  
9:45AM. ARRIVE ON SITE AGAIN AT  
1:00. POURED THE LAST SECTION OF  
PARAPET AT 2:15, 4 CU YDS OF "AA" AE  
WERE DELIVERED. I LEFT SITE AT 3:15  
TOOK YESTERDAY CYL. TO THE UNIVERSITY  
ASKED HOW THE BREAKS WERE GOING.  
WAS TOLD THE CONC. WAS VERY GOOD  
ALL 7 DAY BREAKS OVER 3000 PSI

*Preston B. Ward*



Nov. 15, 1979

Am cold 18° Pm cool 45°

BEGAN ROAD WORK TODAY.

A TOTAL OF 1185700.00# OR 592.85

TONS OF BORROW WAS HAULED ON  
THE NORTH SIDE OF THE BRIDGE AND

A TOTAL OF 461600.00# OR 230.80

TONS OF BORROW WAS HAULED ON  
THE SOUTH SIDE TOTAL BORROW

823.65 TONS. JEFF AND SHERM

WORKED ON FENCES AND DOUG

PLASTERED THE SO. END PARAPET

WALLS.

5 MORE LOADS OF BORROW ARRIVED

FOR THE SO. END TOTAL BORROW 188500#

OR 94.25 TONS TOTAL FOR THE DAY 917.90

TONS. TOOK A COMPACTION TEST RESULTS

WERE 94%

Proctor B. Ward

CAT 140 GRADER 8 hrs

RAY-GLO RANGER 8 hrs

D-G CAT 6 hrs

TOTAL TONS BORROW 917.90

60' 18" Cmp

WT. OF APP AND SAND 6944.50

AFT. FILLING HOLE 3887.29

SAND TO FILL HOLE 1700.97

WET SOIL 3179.53

WET DENSITY 146.17

% MOIST. 3 1/2

DRY DENSITY 141.23

CMP INFO. 2 18" X 30' SECTIONS

200 OZ COATING

CULVERT STOCK

COPPER STEEL

064 GA 9-10-79

HEAT 512825

M 218 MADE USA 444



Nov. 16, 1979

Am. COLD 15° PM COOL 40°

HAULED BORROW ALL DAY.

TOOK A COMPACTION TEST ON  
SOUTH SIDE COMP WAS 91%

STAKED PIPE ON SO SIDE FOR DRIVEWAY  
AND ON No. WEST SIDE STAKED A PIPE  
FOR A DRIVEWAY NOT ON THE PLAN.  
WE USED EXTRA 12" PIPE FROM  
DOWN DRAINS. PUT IN PIPE ON No.  
WEST SIDE.

TOTAL TONS OF BORROW 2571.8

LEFT SITE AT 4:45. PLAN TO WORK  
TOMORROW (SAT.)

LAT 1406 PATROL  
RAYGO RANGER ROLLER  
~~4200~~ BORROW 2571.8

COMP TEST INFO

WT OF App.	6944.50
WT AFT. FILL HOLE	3665.03
SAND IN HOLE	1923.23
WT OF SOIL FROM HOLE	3465.29
WET DENSITY	140.90
DRY DENSITY	136.80
% COMPACTION	91% USING 150.75 AS PROCTOR WT. 97% USING 140.



Nov. 17, 1979

COLD 25° Pm COLD 40°

HAULED BORROW FOR APPROACHES  
ON NORTH AND SOUTH SIDES OF BRIDGE  
HAULED 2912.45 TONS TODAY

Preston B. Ward

140G CAT

RAY-GO RANGER ROLLER

2912.45 TONS BORROW



Nov. 19, 1979

Am. COLD 20% Pm P/C COLD 35°

HAULED BORROW AT 8:00 GLEN, KEN,  
AND I SET BLUE TOPS ON SOUTH  
SIDE. AFTER LUNCH GLEN CAME OUT  
AND HE, BOB PHILIPS AND WADE (PARSON'S  
MEN) AND I SET BLUE TOPS ON THE  
NORTH. BEGAN TO WORK NORTH SIDE  
TO GRADE A TOTAL OF 1624.40 TONS  
OF BORROW WERE BROUGHT IN TODAY  
FINISHED SUB-BASE. I LEFT AT  
4:30 PM

Proctor B. Ward

140G CAT. PATROL

RAY-GO RANGER ROLLER

1624.40 TONS OF BASE BORROW



Nov. 20 1979

AM COLD 15° R (CLOUDY WINDY (NORTH))

PM COLD 30° P/C WINDY (FROM NO.)

BEGAN TO HAUL UNTREATED BASE  
BROUGHT IN A LOADER TO CUT DOWN  
PAVEMENT ON THE ENDS OF THE  
JOB, AND AT THE BRIDGE. LOADER  
LEFT AT ABOUT 9:30 AM. I SET  
STAKE 6" ABOVE THE SUB-BASE  
FOR UNTREATED BASE GRADE.

A TOTAL OF 1175.25 TONS OF  
UNTREATED BASE COURSE WERE  
BROUGHT TODAY

1175.25 TONS UNTREATED BASE

140G CAT PATROL

PAY-GO RANGER ROLLER

2hr CAT 950 FRONT-END LOADER



Nov. 21, 1979

Am COLD 15° CLEAR.

BROUGHT IN 5 LOADS OF BORROW  
FOR MUNK'S DRIVEWAY. TALKED  
WITH GLEN AND BOB PHILIPS  
ABOUT MUNK'S DRIVEWAY  
IT WAS THOUGHT THAT 5  
LOADS WOULD BE ENOUGH TO  
FILL DRIVEWAY UP TOTAL  
TONS 92.65-

I LEFT SITE AT 9:30 AM

92.65 TONS BORROW



JAN 23, 1980

TWO MEN FROM MORGAN SAFTY Com.  
CAME TO INSTALL GUARD RAIL TODAY.

THEY USED A HYDRALIC HAMMER  
& MOUNTED ON THE BACK OF A DODGE  
500 TRUCK. FINISHED DRIVING POSTS  
AT 10:30. I STAKED LOCATIONS  
FOR SIGNS AS RECORDED ON OPP.  
PAGE.

THE GALV. STEEL WAS PROVIDE  
BY SYRO STEEL THE WORKMEN  
DIDNT HAVE A CERT. OF COMPLIANCE, BUT  
SAID THEY WOULD CALL THE FOREMAN  
TONIGHT AND FIND OUT ABOUT IT. WORKERS  
LEFT TO GET GUARD RAIL AT 10:35.  
WORKER'S RETURNED AT 11:40 WITH GUARD RAIL  
MORGAN SAFTY MEN GOT ALL THE  
GUARD RAIL UP TODAY. THEY PLAN TO  
PUT UP THE APPROACH ELEMENTS AND  
SIGNS TOMORROW. LEFT SITE AT 4:00

Prots. B. Ward

DELINEATOR & SIGN STATIONS  
(AS BUILT)

DELINEATORS	
148+00	R & L
150+00	R & L
151+50	R & L
152+50	L
153+75 <sup>L</sup> 153+ <del>00</del> R	R & L
157+	R & L
158+50	R & L
159+25	R
160+ <del>50</del> <sup>00</sup>	RL
161+ <del>75</del> <sup>50</sup>	RL
BEAR RIVER SIGNS AT STA. 154+00 R STA. 156+50 L	



JAN. 24, 1980

COLD CLEAR

~~MONROE~~ MORGAN SAFTY CO. FINISHED  
GUARD RAIL AND SIGNS TODAY

Preston B. Ward

JAN. 25, 1980

COLD PARTLY CLOUDY

MORGAN SAFTY ~~CO.~~ SUPERVISOR  
CAME INTO THE OFFICE TODAY TO  
TALK ABOUT THE GUARD RAIL AND  
SIGNS. I WENT OUT TO THE BRIDGE  
TODAY AND COUNTED THE SIGNS AND  
MEASURED THE GUARD RAIL. GOT GUARD  
RAIL CERT. OF COMPL.

Preston B. Ward



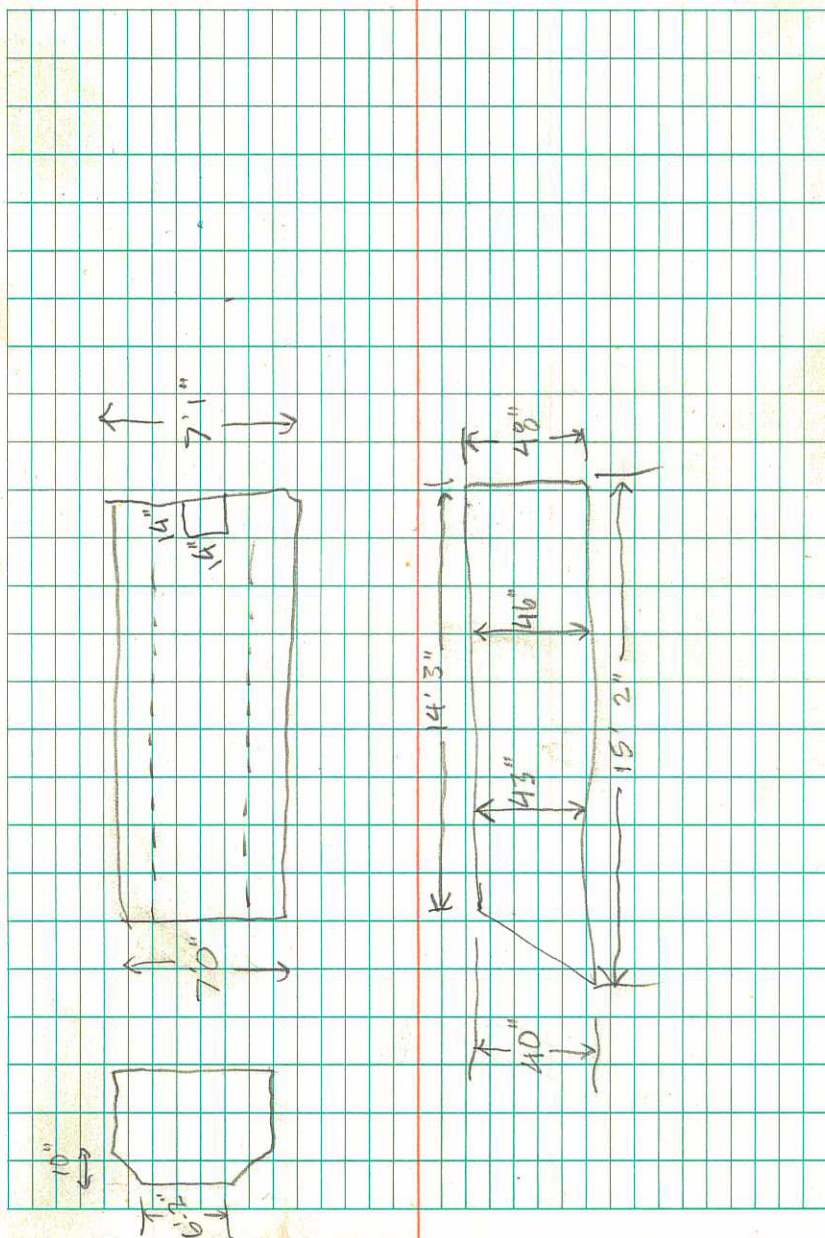
TRUCK No 8.008

EMPTY WT 20150

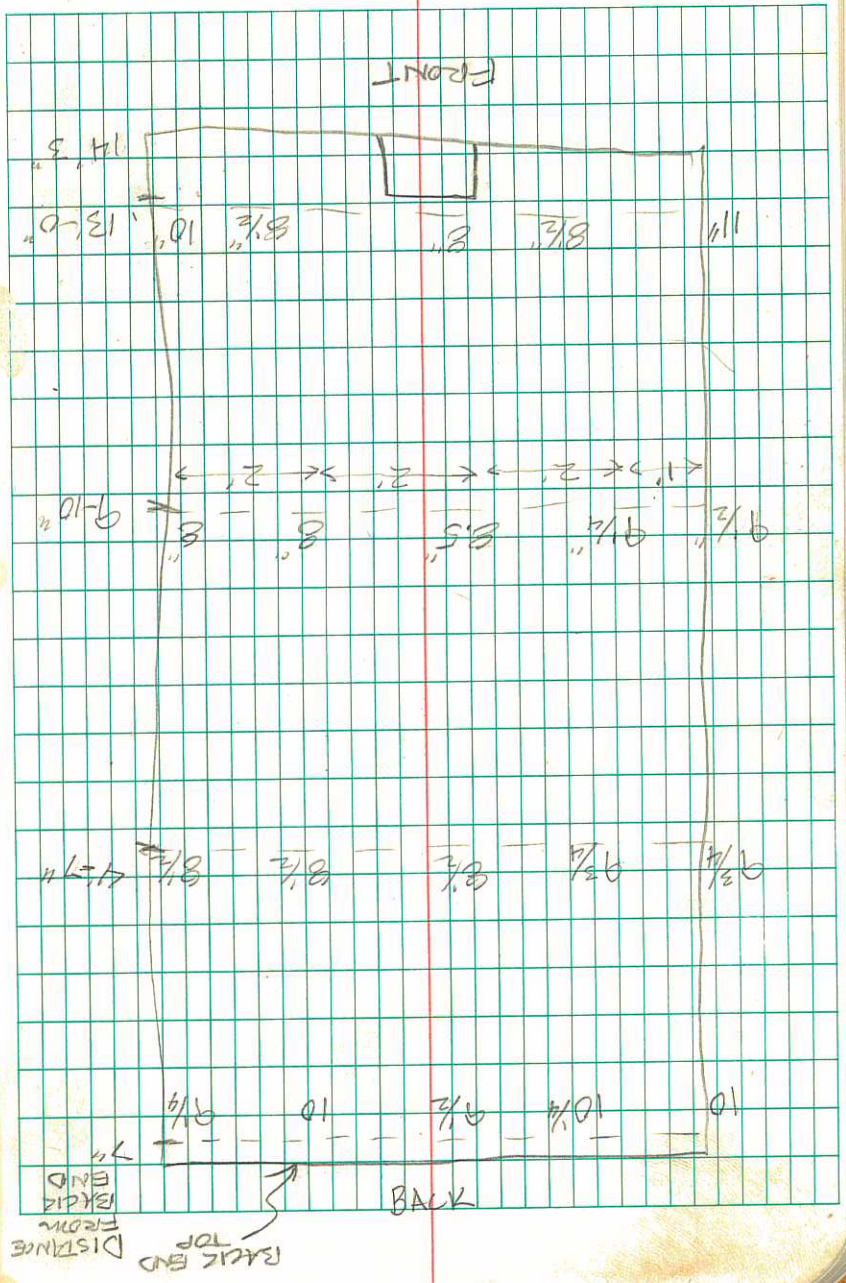
FULL WT 57340

20150

GROSS NET 37190 MATERIAL









JULY 28, 1930

BEGAN TO LAY ASPHALT TODAY  
COMPLETED SOUTH SIDE AT 12:00  
FINISHED ASPHALT ON NORTH AT 4:20  
LEFT SITE AT 4:30

Paul B. Ward

REX 900 ROLLER (VIB)  
OPERATOR  
BLAW-KNOX PAVER (PF-500)  
2 LABORERS  
3 MEN ON PAVER  
4 TRUCKS & DRIVERS



8-19-80 SAMPLE FROM (NOT  
STOCK PILE (FOR AVE.)

NOT FOR CACHE COUNTY RECORDS.  
JAY PARSON'S STATED HE WANTED  
TO COMPARE WT'S. JOHN PARRISH  
AND I WILL NOT ACCEPT THIS  
TRUCK LOAD AS PART OF THE  
AVERAGES AND HAVE TOLD PARSONS  
THIS. THE MATERIAL WAS TAKEN  
FROM A STOCK PILE ON THE  
NORTH SIDE OF A SMALL  
MATERIAL SITE WHILE THE MAT.  
USED FOR AMALGA WAS TAKEN  
FROM THE SOUTH SIDE OF THE  
SMALL SAME PIT. THE MAT ON  
THE SOUTH SIDE LOOKS MUCH  
ROCKIER.



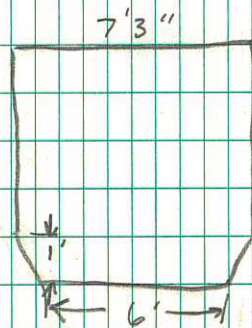
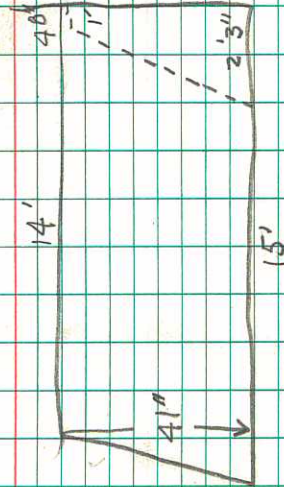
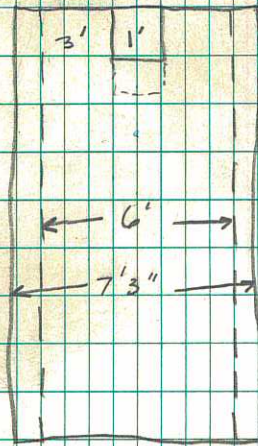
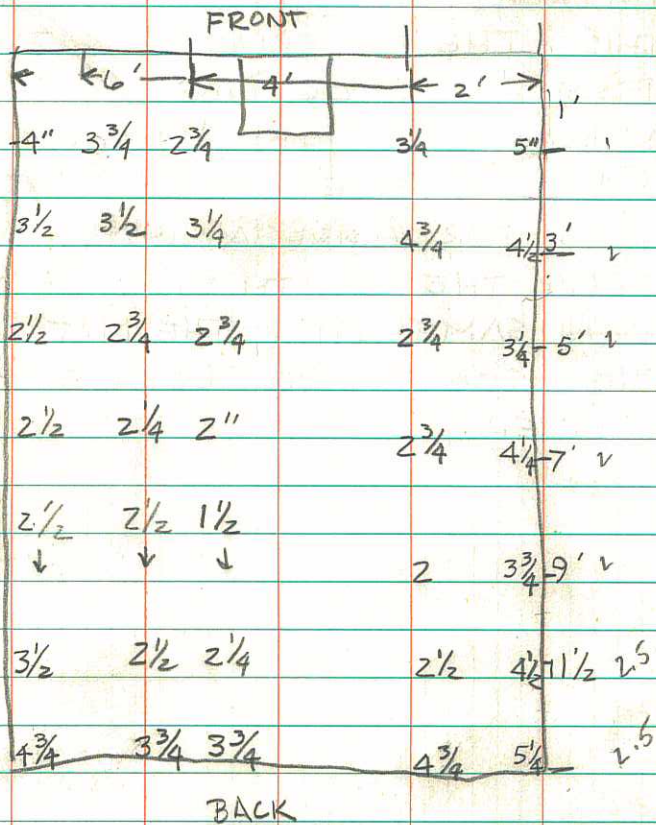
TRUCK NO. 8.033

EMPTY WT 1320

FULL WT 44700

NET MATERIAL 43380

HAD WT ON SCALE



BED HAS 2 X 2 X 3  
 RIBS 5" APART  
 9 RIBS TOTAL  
 2 1/2 X 5"



30000  
14500  
200  
44700



- CALC. FOR TRUCK BED -

EMPTY BED - LENGTH 14'

WIDTH 7'

FT. DEP. 4'

BK. DEP 3.5'

TOTAL

$$14 \times 3.5 \times 7 = 343.00$$

$$14 \times .5 \times 7 \div 2 = 24.50$$

367.50 CU FT

??  
13.61 CU YDS

FULL BED - LENGTH 14'

WIDTH 7'

FT. DEP. 3.1'

BK DEP 2.9'

WT OF MATERIAL 39700# FROM WT. TICK.

TOTAL  $14 \times 2.9 \times 7 = 284.20$

$$14 \times .3 \times 7 \div 2 = 14.70$$

298.90 CU FT

11.07 CU YDS

WT OF MATERIAL / CU FT

$$39700 \div 298.90 = 132.82$$



CALL. FOR 12" DROP IN LET PIPE LENGTH  
10-16-79

EL. OF NE WINGWALL 4419.59

RIPRAP ON 1/2:1 SLOPE

DITCH F. EL.  $11\frac{4}{4}$  (FROM CROSS SEC. NOTES)

LENGTH OF RIPRAP 12.3'

LENGTH OF PIPE:

12.3 LEN. RIPRAP

.5 WIDTH BOX

1.0 WIDTH W/WALL

TOTAL. 13.8

USED 20' EACH SIDE