

Project Engr. Diary

Diary

TELEDYNE

400

MINING TRANSIT BOOK



**I N D E X**

*Job Diary - G.L. Richardson*

Property of Cache County

Engineering Dept.

Address 179 North Main

Logan Utah 84329

Telephone 752 9744

This Book is manufactured of a High Grade  
50% Rag Paper having a Water Resisting Surface,  
and is sewed with Nylon Waterproof Thread.



May 29, 1979

Opened bids at 10:15  
Miller Construction was low  
bidder. Item on signs by  
Squareft as by each was adjusted  
to same total price.

Item for Contingent Pay, item  
was adjusted to \$500.  
Sent notice of Award and  
Contract to Miller

G. L. Richardson

June 4, 1979

Delivered one set of plans  
a sketch of signing to "Hudson"  
at Cadre Junction.

G. L. Richardson

June 11, 1979.

Called Arlin Bloomfield about  
1' foot bust in plans. They will correct.

G. L. Richardson

June 12, 1979.

Received signed Contract from Miller  
Hudson called and said he wants



to sign the road and close it  
on Thursday to start removing  
bridge.

I called Otto and informed  
him, also called the paper.

G F Richardson

June 13, 1979

Met with Kay Hudson and  
discussed work plan in general.  
He hopes to close road tomorrow  
and start removing bridge  
Friday. I gave him a set  
of plans and a sign sketch.

G F Richardson

June 14, 1979

Signs created and Road  
closed.

G F Richardson

June 15, 1979

Relocating fence, removing guard

rail and south locking of bridge  
G F Richardson

June 18, 1979 Showers and cold.  
Parsen's started hauling from  
their pit and placing a fill on  
the upstream side of bridge, north  
side, for a platform for crane. I told  
Hudson we would need to test the  
material if it is to be used in  
fill. Moved the big crane down from  
Cade Junction but did not use it.  
Nandy sent back Johnson's bid bond

G F Richardson

June 19, 1979. Showers & cold again  
Finished ramp and started  
removing deck with big crane.

G F Richardson

June 20, 1979

Fair

Continuing removing deck.  
placed boom to retain dropped  
material.

G F Richardson



June 21, 1979

Fair

Set date with Otto and  
Contractor for Pre construction  
Conference tomorrow at

1130

After considerable trying,  
they were able to pull  
the bridge Northward and drop  
it off the foundation.

G. L. Richardson

June 22, 1979

Fair

Attempting to drag bridge.  
Had a pre construction Conference  
in PM. Bob Higgins showed up.  
Called Otto but he did not come.  
See correspondence file for items  
discussed.

G. L. Richardson

June 28, 1979

Fair warm

3

Roger Laughlin of Miller Const.  
Called. Bompher cannot deliver anchors  
until Sept 15. ~~no~~ iron rock could  
get them earlier at a cost of 9000  
more. Wanted to know if we would  
split cost. I said we couldn't  
afford it. They said they would  
go ahead any way with Bompher.

Piles are held up in Provo  
because of strike.

G. L. Richardson

Long delay because of  
work on the Cache Junction  
Bridge.



August 13, 1979 - Showers

Located and drove the center pile of the pier. I was on vacation.

G.L. Richardson.

Aug 14, 1979 Fair and Warm  
Drove piles in the center pier. Preston was on the job all day. Was surprised that we only got about 45' to cut off but over 60 blows per inch.

G.L. Richardson

Aug 15, 1979 Cloudy + Warm.  
Drove piles in North abutment. Their ramps covered the East piles and had to be excavated.

G.L. Richardson

Aug 16, 1979 Fair + Warm <sup>4</sup>

Informed Hudson that piles required a steel reinforcing cage 20' x 30' deep. He was unaware of this and delayed his concrete pour. Moved rig to south side of bridge and set up to drive. Excavated about 6' deep to cut off level.

G.L. Richardson.

Aug 17, 1979 Fair + warm.

Drove piles on south abutment. Using shorter (40' x 30') shells so had to cut and splice. Cut off time is about 45'.

G.L. Richardson

Aug 20, 1979 Fair  
No work on project.

G.L. Richardson



Aug 21 1979 Fair  
2 men cutting of piles on  
center pier and starting to build  
forms.

G L Richardson

Aug 22, 1979 Fair  
2 men building form and  
setting steel.

G L Richardson

Aug 23 1979 Fair  
Steel for piles not here.  
Hudson went to coll. No pile driving  
until Monday. 2 men tying steel  
and excavating for forms on  
North abutment.

G L Richardson

Aug 24 1979 Fair  
1 man working excavating  
on south abutment.

G L Richardson

5  
They worked Saturday and  
drove rest of piles. A message was  
left by phone but we failed to get  
the word.

Aug 27 1979 - Fair  
2 men tying steel for abut. piles  
wrong size delivered for pier steel.  
#10 for #8.

G L Richardson

Aug 28, 1979 Fair  
Poured Abutment piles and  
first 15' of center pier. Tying  
steel for center pier.

G L Richardson

Aug 29, 1979 Fair  
Tying steel for center pier. Discussed  
support of finishing screed with  
Hudson. He wants to support it  
on an offset from ~~the~~ center. will  
support on 3' centers instead of 4'.  
I said OK.

G L Richardson



Aug 30 1979 Fair  
Placed Steel in center piles.  
Tied steel on North abutment.  
~~On south abutment~~  
G. F. Richardson

August 31 1979 Fair

2 men tying aboutment  
Steel. Blew South aboutment  
in PM. Only worked till  
noon.  
G. F. Richardson

Sept. 4 1979 Fair  
Changed hours to 8:00 AM  
to 4:30  
poured center piles and tying  
aboutment steel. Could not get  
steel all the way in so cut off  
Steel cages of various lengths as  
prelim measured.  
G. F. Richardson

Sept. 5, 1979 Fair. 6  
talked to Hudson about cut off  
steel. Said we would do cut  
steel cast. He said ok.

Working on Form for abutment  
and center pier.  
G. F. Richardson

Sept. 6, 1979 Hot.  
Poured the two abutments. Had  
trouble with mix being irregular.  
The Air was low. also.

G. F. Richardson

Sept. 7 1979 Hot  
Forming center pier.  
G. F. Richardson

Sept 10, 1979 Fair.  
Poured center pier and 1st stage  
forms on Abutments. Subgrade for  
Rock Slope protection.

G. F. Richardson



Sept 11, 1979 Warm  
Excavating for Rip rap and  
turning steel for struts.  
G. L. Richardson

Sept 12, 1979 Warm days  
to 35° Last night.  
2 Trucks hauling Rip rap.  
Mr Miller was on job. Discussed  
300' of extra pile casing.  
I said no adjustment of pike.  
G. L. Richardson.

Sept 13, 14 + 15 - 1979  
I was absent. Contractor  
placing Rip rap. Agreed to  
raise footing elevation to new  
stream grade.  
G. L. Richardson

Sept 17, 1979. Fair.  
Hauled in and placed 4  
beams on North abutment.  
G. L. Richardson

Sept 18 1979 — Hot. 7  
Hauled in and placed 4 beams  
on south abutment. placing  
steel for North cut off wall.

G. L. Richardson

Sept. 19, 1979 Fair  
Placing steel and forming  
North wing walls and abutments.  
G. L. Richardson

Sept 20 1979 Fair  
Boyd Zolinger of Headquarter's  
Lab. 533-9822 was on the  
job yesterday and checked the vinyl  
coated steel. I called him today  
about it. He said they would check  
it again when deck is ~~placed~~  
placed and repairs can be made  
by painting.  
Forming wing walls on job.  
G. L. Richardson



21 Sept 1979 - warm  
poured diaphragms - Trouble  
with air again. Talked to Hudson  
about curing and temperature.  
He will use cure compound and  
straw if necessary.  
Paving may start Monday.

G. F. Richardson

24 Sept 1979 warm  
placing Form for North  
deck and South abutment.  
Poured North wing walls  
and abutments

G. F. Richardson

9-25-1979 Cloudy  
Forming South abutment and  
Deck

G. F. Richardson

9-26-1979 Cloudy 8

Forming Deck & South abutment  
on bridge. Hudson asked about  
using plastic at center diaphragm bearing.  
I said OK.

G. F. Richardson

9-27-1979 Fair  
Poured South abutment & wing walls  
and diaphragm. Hudson plans to start  
road work Monday.

G. F. Richardson

9-28-1979 Fair  
Moved Crane off Job. Forming  
deck and stripping wing wall.

G. F. Richardson

9-29-1979 Fair  
Saturday - Contractor worked  
placing deck steel. Alex was  
on the job.

G. F. Richardson



10-1-79 Fair  
placing Deck steel.

G. L. Richardson

10-2-79 Fair  
Placing epoxy Coated  
Steel on Deck. Glad Monday  
Call Boyd Zollinger of UDOT.  
He will be up tomorrow.

G. L. Richardson

10-3-79 Fair  
placing Deck steel.

G. L. Richardson

10-4-79 Fair  
Finishing Deck steel and setting  
Tracks for scard.  
Zollinger from UDOT inspected  
the epoxy steel and gave it an ok.  
Calvin Parsons and he does not  
plan to work Monday. He  
will let us know otherwise.

G. L. Richardson

10-5-79 Fair Temp 36<sup>last</sup>  
Night.

All hands pouring bridge deck.  
Well organized started at 7:30  
Finish at 4:30 PM.

G. L. Richardson

10-8-79 Fair Temp to 34°  
Stripping Forms and Clearing  
Right of Way. Boys off. 1 was  
out for one hour.

G. L. Richardson

10-9-79 Fair Temp to 36°  
Started backfilling about mounts and  
Setting curb forms.

G. L. Richardson

10-10-79 Fair 32°  
back filling about mounts and  
placing steel for Rail.

G. L. Richardson



10-11-79 Fair  
Backfilling abutments and  
placing steel for curbs.

G. L. Richardson

10-12-79 Fair  
backfilling abutments and  
start to form drop inlets. I told  
farmer that regular steel would  
be ok. instead of epoxy coated.  
Also lower boy to let pipe under  
wall.

G. L. Richardson

10-15-79 Fair  
Forming D.I.s and  
curbs.  
Parsons backfilling south  
abutment.

G. L. Richardson

10-16-79 Fair  
Poured 2 D.I.s and placed  
pipes. Parsons's hauling dirt.

G. L. Richardson

Oct 17, 1979 Cold + Cloudy <sup>10</sup>  
Parsons backfilling north  
wall. Stripped forms of D.I.  
poured 10' of rail on SE  
corner. put concrete truck on  
bridge.

G. L. Richardson

Oct 18 1979 cloudy and cold.  
Stripped forms and poured  
another section of rail.

G. L. Richardson

Oct. 19, 1979 Showers  
Rain in the night. Contractor  
started to strip forms but quit  
at 9 AM. Two men worked  
stripping decks.  
No on working day.

G. L. Richardson



Oct 22 1979 Rain, Snow  
and Cold over weekend.  
down to 22°.

Ran another section of  
Rail. Current causing a  
undercut on south west  
bank.  
wrote Choye cards letter  
for pay by tax for  
Crawley house.

G. F. Richardson

10-23-79 Fair 26°  
Formed and poured 70' of  
W Rail

G. F. Richardson

10-24-79 Fair 28°  
Formed and poured center  
section of west rail.

G. F. Richardson  
Parsons was on job.

10-25-79 Fair  
Poured last piece of rail  
and placed steel for S Approach.

G. F. Richardson

10-26-79 Fair - Showers in Night.  
Poured south approach slab.  
Phillips asked me to call about  
gas + phone which I did.

G. F. Richardson

10-29-79 Fair 20°

Parsons removed material  
from river bed with backhoe  
and placed it on banks properly.

G. F. Richardson

10-30-79 Fair 18°

Placing steel for north approach slab.  
Pour 2 south walls on slab.

G. F. Richardson



Sept 31 1979 Fair 15°  
poured North Approach slab.

G. F. Richardson

Nov 1 1979 Fair 18°  
poured last of rail on  
approach slabs.

G. F. Richardson

Nov 2 1979. Fair 16°  
Poured last curbs  
stripping forms.

G. F. Richardson.

Nov 5, 1979 Cloudy Showers.  
stripping forms and cleaning  
up. Removed Parsons's backpack

G. F. Richardson

Nov 6 1979 Fair - 18  
stripping forms and  
cleaning up

G. F. Richardson

Nov 7 1979 Fair - 20  
stripping forms and cleaning  
up. 2 loads of Rip rap.

G. F. Richardson

Nov 8 1979 - Fair 22  
stripping forms. Called  
Phillips and left word  
that Rip rap was too small.

G. F. Richardson

Nov 9 1979 Fair 22°  
Delivering Rip rap (better)  
and stripping forms.

G. F. Richardson

Nov 12, 1979 Holiday.  
2 men stripping forms.

G. F. Richardson

Nov 13, 1979 Fair 12°  
2 men cleaning up. Moved  
in back hoe to dig Rip rap  
and place it. Parsons stopped  
hauling rip rap. G. F. Richardson



Nov 14 1979 Fair 12<sup>o</sup>  
Finishing off Rip Rap and  
Parsons starting ripping pavement  
and clearing.  
Told him to use extra 20' x 12"  
of pipe in driveway.

G.L. Richardson

Nov 15, 1979 Fair 12<sup>o</sup>  
2 men cleaning up and putting  
fences back.

Parsons moved in full blast.  
hauling and compacting borrow.  
Removing pipes,  
Reset slope stakes.

G.L. Richardson.

Nov 16, 1979 Fair 11<sup>o</sup>  
Laying Driveway pipe -  
Hauling and placing borrow.  
Gave Parsons letter saying ok.  
to pave. Discussed modifying  
price. We agreed to do so.  
Started using bottom dups  
in P.M. G.L. Richardson

Nov 17 1979 -  
Saturday - Contractor  
hauled borrow and brought  
it up to subgrade.

G.L. Richardson

Nov 19 1979 - snow showers  
in night. Set grade stakes.  
Finishing Subgrade.

Called Otto and asked for  
inspection.

G.L. Richardson

Nov, 20 1979 Cold + windy.  
Placing untreated base.

G.L. Richardson



Nov 21, 1979 cold Fair 50

Finishing up driveways and  
cleaning up. Repeating wheels  
to pave as not.

G. J. Richardson

22 - Thanksgiving

Nov 23 1979 - snow

about 3 inches of snow on  
the road. talked to Bob  
Phillips. They are shutting  
down their plant for winter  
He said it would be ok to  
put in guard rail and  
let traffic use it for the  
winter.

G. J. Richardson

Nov 26, 1979 snow

No work - Non working day

Nov 26 1979 Fair

Someone used loader to  
clean bridge and then parked  
it on bridge. Cars can go  
across but all signs closing  
bridge were up.

The Job is shut down because  
of weather so no working  
day will be charged till  
next Spring.

G. J. Richardson.

Jan 21 1980 Fair

Norjan Safety Construction Co.  
Delivered Guard Rail at the stop  
for storage. The shoulder is slumped  
at the bridge to make installation  
impossible.

G. J. Richardson



Jan 23, 1980 - Cold and Fair.

2 men and Driving Gear  
Drove posts for Guard rail  
and started erecting.

G. J. Bullock

Feb 21 1980 Rain Showers.

Signs have been moved  
by Vandels. Preston and I  
reset barricade and put  
up signs. at 1:30 PM

G. J. Bullock

May 2, 1980 Fair

Roger Taughan of Millers  
called. He said Parsons may  
start on the 12th. Also asked  
about the painting of piles.

I told him the same as Cade Junction.

Met with Fred Smith of Parsons  
on the job.

Agreed to putting 10' on each end  
of 18" CMP driveway by Contract  
unless we hear differat.

pointed out slopes to be fixed.

Agreed to omit Prime Coat.

Agreed to use same mix as  
Cade Junction.

June 30 1980

water low enough to  
start construction.

G. J. Bullock



July 17, 1980 Fair

Evidence that a backhoe had been there and pulled up material on slopes, cleaned ditch and placed the 2 10' pieces of 18" pipe.

G. J. Richardson.

July 18, 1980 Fair

Talked to Parsons (Reel Smith) He said they would start Monday.

July 21, 1980 Fair + hot

Parsons, Foreman, Blake, and water truck arrived at 8:00. Trucks delivered 4 loads of pit run for Drive way tickets 4001 through 4004.

Delivered 6 truck loads of base material - to 3:30 PM

After 3:30

We staked the job. Roller camp

About 11:00 AM.

"Benson" new Foreman on job.  
Laborers cleaned bridge. I hid them about fence.

G. J. Richardson

July 22, 1980 - Hot + fair

We reset 6 stakes with BR spikes.

They braced enough base to bring all up to grade. Finishing

Machine broken so plan to oil on Monday. Mr. Dickerson called, we agreed on \$500 to eliminate part if Bill does it.

G. J. Richardson

July 28, 1980. Hot.

Parsons laid the bit. surfacing on the project. 6 men, Foreman, Roller, Finishing Machine, water truck, 4 trucks. I gave them a list of 7 items to be done before finishing.

G. J. Richardson



Aug 7, 1980.

I reviewed Job, Most of  
Clean up has been done except  
Digging out 10' CMP under  
Driveway and removing of  
Guard rail. Some work need to  
be done on delimiting.

G. J. Richardson



1630<sup>4</sup> Rock  
1230 Fines  
145 oil