STATE ARBITRATION BOARD

1022 LOTHIAN DRIVE TALLAHASSEE, FLORIDA 32312 PHONE: (904) 385-2852

50015 12-5-07 mgw

 $\neq \neq \neq$ NOTICE $\neq \neq \neq$

In the case of Gator Asphalt Company versus the Florida Department of Transportation on Project No. 17040-3518 in Sarasota County, Florida, both parties are advised that State Arbitration Board Order No. 2-92 has been properly filed on August 18, 1992.

H. Eugene Cowger, PE Chairman & Clerk, SAB S.A.B. CLERK

AUG 18 1992

FILED

HEC/sfc

Copies of Order & Transcript to:

J.B. Lairscey, Jr., Director of Construction/FDOT

Dan Mathews, Project Manager/Gator Asphalt Company

ORDER NO. 2-92

RE:

Request for Arbitration by Gator Asphalt Company on Job No. 17040-3518 in Sarasota County

The following members of the State Arbitration Board participated in the disposition of this matter:

H. Eugene Cowger, P. E. Chairman Kenneth N. Morefield, P. E. Member John Roebuck, Member

Pursuant to a written notice, a hearing was held on a request for arbitration commencing at $1;30~\rm{p.m.}$, on Thursday, June 4, 1992.

The Board Members, having fully considered the evidence presented at the hearing and supplemental information submitted later, now enter their order No. 2-92 in this cause.

ORDER

Fred Derr and Company, a subcontractor authorized to pursue a claim on behalf of the prime contractor, presented a claim for \$60,376.60 in additional compensation for the items Subsoil Excavation and Embankment. The Subcontractor contends that an error was made in the Department of Transportation survey from which the pay quantity for these items was determined.

The Subcontractor presented the following information in support of his claim:

- 1. A field survey to determine the depth to which subsoil was excavated on this project was accomplished jointly by Ken Yoder of our firm and O. A. Whitesel of the Department of Transportation (DOT). It was our understanding at the time that this survey would be used to calculate the pay quantities for Subsoil Excavation and Embankment. To the best of our knowledge this was the only survey made to determine the depth of subsoil (muck) excavated.
- 2. The difference between the quantity of Subsoil Excavation determined using the notes from the joint survey of muck

excavation and the quantity of Subsoil Excavation determined using the DOT notes covering of muck excavation was a normal variation except for the area right of Station 129+00 to Station 134+60.

- 3. Calculations based on the notes from the joint survey indicate that the pay quantity of Subsoil Excavation in the area of the project between Station 112+90 and Station 134+60 is 8,159 Cubic Yards greater than the pay quantity calculated by DOT from its field notes as contained in DOT Book Nos. 008414 and 008501. This difference also applies to the pay quantity for Embankment.
- 4. We contend that there is a substantial error in the DOT field notes right of Station 129+00 to Station 134+60. Within these limits, there is a consistent difference of 1.5' +/-between the elevations shown in the DOT notes and the elevations shown in the joint survey notes.
- 5. The divergence between our field notes and the DOT field notes begins at about the point where we shut down the job for six weeks because of uncertainty as to whether DOT would pay for overruns from plan quantities.
- 6. We contend from our knowledge of the field conditions that the muck increased in depth on the right side of the project eastward from Station 129+00 instead of decreasing in depth as shown in the DOT notes. The area of the project where the notes from the joint survey and the DOT survey vary substantially is covered by a single level setup in the DOT notes.
- 7. The DOT survey notes indicate that the muck excavation was surveyed in 300' to 600' sections. Since the muck was excavated at a rate of approximately 100' per day and an excavated area was generally backfilled the next day, we question how the DOT survey was conducted in that way.

The Department of Transportation presented the following information in rebuttal of the claim:

 We accurately calculated the pay quantities for Subsoil Excavation and Embankment from official DOT survey records. These notes were obtained using proper surveying methods.

- 2. The survey notes submitted by the Subcontractor indicate cross sections being taken at 100' intervals. This interval in not frequent enough to assure the accuracy of pay quantities.
- 3. We do not accept the Subcontractor's statement that the survey reflected by the Subcontractors notes was a joint survey.
- 4. At Station 134+50 the elevations determined at 28' right varied by only 0.1" between the DOT notes and the Subcontractor notes. This indicates that there is not a consistent difference of 1.5' +/- between the DOT survey and the Subcontractor survey between Station 129+00 and Station 134+60 as contended by the Subcontractor.

It was apparent at the conclusion of the hearing that the key point in this dispute is the accuracy of the DOT field survey to determine the depth to which muck was excavated right of Station 129+00 to Station 134+60. During the hearing, neither party submitted direct testimony in regard to the accuracy of this survey. Subsequent to the hearing, the Subcontractor submitted a signed statement from his grading foreman on the project in which it was stated:

1. The DOT Inspector and I agreed to jointly cross section the demucking operation as work progressed so that

2. This was the only survey of demucking because the excavated area was backfilled every afternoon. .

back filling could be completed each day.

3. To my knowledge, cross sections were not taken at 25' intervals as reflected by the DOT survey notes.

The Board advised the Department of Transportation of its intent to consider this supplemental information and offered them the opportunity to rebut. They responded that the Board should not accept the supplemental information and elected to not provide a factual rebuttal.

The Board in considering the testimony and exhibits presented found the following points to be of particular

significance:

1. The Department of Transportation stated that they have carefully reviewed the field notes in question here and found no errors, but did not provide testimony on the validity of the field survey. In particular, no information was presented to explain how subsoil excavation cross sections could have been taken at 25' intervals.

2. The DOT cross section notes indicate that subsoil excavation was cross sectioned in sections ranging in length from 300' to 500'. The Department of Transportation did not explain how this was accomplished when muck was excavated and backfilled in approximate 100' sections.

3. The DOT survey notes establishing the temporary bench marks used in cross sectioning muck excavation right of Station 114+00 to Station 134+60 are dated after the date of the muck excavation cross sections. (June 20, 1989 and July 25, 1989 vs April 13, 1989)

From the foregoing and in light of the testimony and exhibits presented the State Arbitration Board finds as follows:

The Department of Transportation is ordered to compensate the Contractor the amount of \$35,000.

The Department of Transportation is directed to reimburse the State Arbitration Board the sum of \$ 206.00 for Court Reporting Costs.

Tallahassee, Florida

Dated: 18 August 1992

Certified Copy:

Chairman & Clerk, S.A.B.

18 August 1992 Date

veluch Roebuck

Member

S.A.B. CLERK

AUG 18 1992

FILED

STATE ARBITRATION BOARD STATE OF FLORIDA

S.A.B. CLERK

AUG 18 1992

GATOR ASPHALT COMPANY

FILED

- and -

PROJECT NO. 17040-3518

LOCATION: Sarasota County,

Florida

DEPARTMENT OF TRANSPORTATION)

ORIGINAL

RE:

Arbitration In The Above Matter

DATE:

Thursday, June 4, 1992

PLACE:

Florida Transportation Center

1007 DeSoto Park Drive Tallahassee, Florida

TIME:

Commenced at 1:30 p.m. Concluded at 2:40 p.m.

REPORTED BY:

CATHERINE WILKINSON

CSR, CP, CCR

Notary Public in and for the State of Florida at

Large

WILKINSON & ASSOCIATES Certified Court Reporters Post Office Box 13461 Tallahassee, Florida 32317

APPEARANCES:

MEMBERS OF THE STATE ARBITRATION BOARD:

Mr. H. E. "Gene" Cowger, Chairman Mr. Ken N. Morefield Mr. John Roebuck

APPEARING ON BEHALF OF THE GATOR ASPHALT COMPANY:

Mr. Frederick M. Derr Mr. W. D. Bartlett

APPEARING ON BEHALF OF THE DEPARTMENT OF TRANSPORTATION:

Mr. Marshall Dougherty
Mr. Ken Blanchard
Mr. A. R. Davison

* * *

INDEX

EXHIBITS

Exhibit Nos. 1 and 2 in evidence

4

CERTIFICATE OF REPORTER

T	PROCEEDINGS
2	CHAIRMAN COWGER: This is a hearing of the State
3	Arbitration Board established in accordance with
4	Section 337.185 of the Florida Statutes.
5	Mr. Ken Morefield was appointed as a member of
6	the Board by the Secretary of the Department of
7	Transportation.
8	Mr. John Roebuck was elected by the construction
9	companies under contract to the Department of
10	Transportation.
11	These two members chose me, H. E. "Gene" Cowger,
12	to serve as the third member of the Board and as
13	Chairman.
14	Our terms of office began July 1, 1991, and
15	expire June 30, 1993.
16	Will all persons who intend to make oral
17	presentations during this hearing please raise your
18	right hand and be sworn in.
19	(Whereupon, all witnesses were duly sworn.)
20	CHAIRMAN COWGER: The documents which put this
21	arbitration hearing into being are hereby introduced
22	as Exhibit 1. That is the request for arbitration
23	submitted by the contractor and the exhibits that were
24	attached to that request.
25	Does either party have any other information it

1	wishes to put into the record as an exhibit?
2	(Discussion off the record)
3	CHAIRMAN COWGER: While we were off the record,
4	the DOT presented an exhibit entitled Fred Derr and
5	Company, FDOT claims analysis, the package of
6	information which we have identified as Exhibit 2. The
7	Board members and the contractor had been furnished a
8	copy.
9	Does either party have any other information it
10	wishes to put into the record as an exhibit?
11	MR. DERR: We don't.
12	MR. DOUGHERTY: We don't, no, sir.
13	(Whereupon, Exhibit Nos. 1 and 2 were received in
14	evidence.)
15	CHAIRMAN COWGER: During this hearing the parties
16	may offer such evidence and testimony as is pertinent
17	and material to the controversy and shall produce such
18	additional evidence as the Board may deem necessary to
19	an understanding and determination of the matter before
20	it. The Board shall be the sole judge of the relevance
21	and materiality of the evidence offered.
22	The hearing will be conducted in an informal
23	manner. The contractor will elaborate on their claim,
24	and then the DOT will offer rebuttal. Either party may
25	interrupt to bring out a point by coming through the

1	chairman. However, for the sake of order, I must
2	instruct that only one person speak at a time.
3	Also, so that our court reporter will be able to
4	produce an accurate record of this hearing, please
5	introduce yourself the first time you speak.
6	It's appropriate at this point now for the
7	contractor to begin his submittal. I need to clarify
8	the amount that's being claimed in dollars and also the
9	items that are related to that amount at this point.
10	Also, as we understand it, the sole dispute here
11	is over the pay quantity for subsoil excavation and the
12	corresponding pay quantity for embankment, is that
13	correct?
14	MR. DERR: That's correct.
15	CHAIRMAN COWGER: Proceed, sir.
16	MR. DERR: I'm Fred Derr, Frederick Derr and
17	Company. The amount of the claim is \$60,376.60.
18	That's made up of contract items 120-4, subsoil
19	excavation and 120-6, embankment.
20	We have also included our calculations as to the
21	actual number of cubic yards that we feel we have not
22	been paid for that we should be paid for based on the
23	cross sections that we have taken.
24	In a nutshell, I will start by being brief and
25	then working our way into the detail, which is probably

the best way to go about this.

When we constructed this job, at one point we were required -- it was our determination, I should say, to be technically correct, at one point in the job we made the determination that it was in our best interest to stop the job.

This had to do with a new provision that was promulgated at that time about supplemental agreements. I know Marshall remembers it well. Their attorney — it just so happens at about that time we had one of our district meetings in Sarasota. One of the subjects at that meeting was how to handle supplemental agreements.

The lady whose name I forget, who was the counsel for the district office, told us in no uncertain terms that you had better not take on to do any additional work unless you had authorization both as to funding and the documentation for a supplemental agreement. She was very specific about that. We had quite a discussion on that.

Shortly thereafter we ran into this situation where we got into an overrun on subsoil excavation. We through the district office and through the resident engineer's office made a request for a supplemental agreement to cover the overrun.

We then got bogged down in the procedures through

(904) 224-0127

CATHERINE WILKINSON & ASSOCIATES

no fault of anybody's. I guess it was just the system
was changing at that time. To make a long story short,
we couldn't get an immediate decision.

I guess Marshall and I spoke on the phone every day, how is it coming, and Marshall would say we're going to try to do this by electronic transferring of the funding and so on.

I even remember at one point the funding was tied up because the Governor had to authorize a change in budget line item to cover this. And the whole process I think took about six weeks, when realistically something like this should have been within the authority of the resident engineer, saying, "Mr. Contractor, you have an overrun. We have not agreed on the quantity yet, but we will have a supplemental agreement to cover some overrun, and you should continue working."

Well, Marshall and Dave Davison and I guess

Doug Moore at the time, who was the resident engineer,

didn't have the authorization to do that. We were told

if you want to continue working proceed at your own

risk.

Of course the prudent thing for us to do was stop. What I'm doing here is laying the foundation for why I feel an error was made in the field notebooks and

why we have a divergence and a disagreement as to the quantity of subsoil.

Ironically, if you look in the claim that we sent, the divergence occurs at about the point where we shut the job down for six weeks and then picked it back up. Then all of a sudden the sections that we took on the subsoil -- and I remember standing out there on the job and looking down the grade at the subsoil and also looking up at the rain clouds and saying oh, my God, we've got to get this done.

Anyway, the subsoil, its natural strata continued to go downgrade. That's what our section showed.

Ironically the DOT section showed the same thing, but there was this little blip when we started again.

And this blip from their elevations and their notes went up like this and then it almost exactly paralleled our cross section volume, almost exactly.

I contend based on that that there was an error made in the field notes somehow because everything else just seems to tie in except for that little blip.

I feel very strongly that our quantities are correct. And furthermore, there was an inspector out there by the name of O. A. He worked with our foreman. They took turns with the rod and the instrument taking the shots.

1	I felt comfortable with that because we felt the
2	DOT was part of it. I was flabbergasted when the
3	quantities didn't agree. That's kind of an overview of
4	what happened without getting into the nitty-gritty.
5	CHAIRMAN COWGER: Do you want to let the DOT
6	rebut a little bit?
7	MR. DERR: Oh, sure.
8	CHAIRMAN COWGER: Let me ask you a couple of
9	questions, having looked over the submittal package.
10	I see where an employee of the contractor was running
11	an instrument and the DOT employee was holding the rod.
12	MR. DERR: That's exactly what was happening.
13	CHAIRMAN COWGER: Was this a survey being made
14	for the contractor or was this a joint survey being
15	made by the contractor and the DOT?
16	MR. DERR: We thought it was a joint survey.
17	That's the way we felt about it.
18	CHAIRMAN COWGER: Okay.
19	MR. DERR: I assume that's where the notes that
20	the DOT has in their field book came from. I felt like
21	we were doing it together.
22	CHAIRMAN COWGER: As I understand it, you were
23	using a self-reading level rod, the contractor was?
24	MR. DERR: I can't speak to that because I didn't
25	actually observe that myself.

CHAIRMAN COWGER: Let me let you come back and rebut that in a minute. Let me ask one other question, and then we will let the DOT come back and testify on that. The sequence of work here was to come in and excavate the muck and then backfill it with the embankment material? MR. DERR: True.

CHAIRMAN COWGER: How much time elapsed between the excavation and the backfilling beginning? Was it something that was done pretty promptly or was the area left open a while?

MR. DERR: Some of the area was left open. We had started the muck excavation, and we had started the backfilling almost completely behind it as soon as the sections were taken.

That's one of the reasons we worked this out with the DOT inspector to speed up the process. He was as anxious to get it backfilled as we were. We felt if we did it together we wouldn't have to wait around for somebody else to show up to do these sections and readings.

We did that up to a point. And this is the point, I don't remember the station where we shut the job down. We had a pretty good system going. We

1 excavated about one or two days ahead on the subsoil, 2 then came back as quickly as we could and replaced it 3 with the embankment, then we stopped everything. When we stopped, there was an area that was 5 excavated and was open and should have been filled, but I elected not to take the risk with the DOT policy and 6 7 go ahead and do it and then have them come back and say 8 you did it on your own, we're not going to pay you for 9 it. 10 MR. BARTLETT: Excuse me, Fred. It was partially 11 That's where we ran into the problem with the 12 funding. The bottom of the subgrade was probably 90 13 percent covered. 14 We followed up immediately on the very day or the 15 next day with that part. That was just because, 16 naturally, that was the area we were filling, 17 compacting as we brought the lifts up. It happened to 18 be caught there. 19 The muck being left open any degree of time, 20 I can't imagine it was left open for more than a day is 21 my recollection. 22 CHAIRMAN COWGER: I noticed you gave us in the 23 contractor's submittal some notes here that I assume, 24 the ones at 100-foot intervals, station intervals, on

18

25

the notes that were kept by Mr. Yoder, who was an

employee of Fred Derr and Company. Do you have any idea of when the date of these was done?

MR. BARTLETT: From the looks of this piece of paper I would say it was done over the course of the work. This is pretty ragged. In other words, he was keeping it -- as they would take the shots, he would enter those shots on the piece of paper. It's not a one-day type thing.

MR. ROEBUCK: And the DOT was privy to these notes and took them?

MR. BARTLETT: They had these.

CHAIRMAN COWGER: I think at this point there are some other things we will need to discuss a little later, but I think we ought to let DOT come back now and offer rebuttal for what has been said that they would like to.

MR. DOUGHERTY: Well, I'm Marshall Dougherty,

DOT. In the form of rebuttal, I really don't have much
that we can say other than the notes themselves were
taken, and using the proper surveying methods that we
have. They have been checked, rechecked by my field
people, and we come up with a volume different than
what Fred and his people do.

I myself personally have not gone through and checked the notes. My field people have several times,

1	and again they say they are correct, they feel they are
2	correct. I have no reason to not agree that they
3	aren't. So if that's a rebuttal, that's a rebuttal.
4	MR. DERR: Mr. Chairman, could I make a comment?
5	CHAIRMAN COWGER: Sure.
6	MR. DERR: I think Marshall is correct. I think
7	his calculations of the information that he has in his
8	field notes are correct. I think the problem is there
9	is an error in the field notes, and naturally it's
10	generated through the correct process but an incorrect
11	volume.
12	MR. MOREFIELD: Is it station 130 we're talking
13	about?
14	MR. BARTLETT: It's 129 and 130.
15	MR. MOREFIELD: Looks like 130 is where the
16	plotting went haywire, as you said in your
17	presentation.
18	MR. DERR: It made a blip and then followed on.
19	MR. MOREFIELD: DOT, did you all investigate that
20	specific station as it relates to
21	MR. DOUGHERTY: This is my project engineer here.
22	MR. DAVISON: The only thing we did when they
23	felt like they had a bust of about two foot, we called
24	for all the books back from Tallahassee. We went
25	through all our notes to make sure we had the right

1	benchmarks and rod readings and found no error in our
2	notes at all.
3	MR. MOREFIELD: Everything was too laid out in
4	the field to verify anything?
5	MR. DAVISON: Yes, sir.
6	CHAIRMAN COWGER: Was there any attempt made at
7	any point in time to try to core down there and find
8	the bottom of the you couldn't have done that
9	I don't suppose. It would have been pretty hard to
10	distinguish where the bottom of the muck was.
11	MR. DERR: We thought about doing that and gave
12	up, it was a bad idea.
13	CHAIRMAN COWGER: I agree it's a bad idea, wish
14	I hadn't brought it up.
15	MR. DOUGHERTY: Mr. Chairman, the survey that
16	Fred's people did, the O. A. they keep referring to is
17	O. A. Whitesel. He is an inspector who was working for
18	us in the Sarasota office and has since retired.
19	I'm not sure just from a point of trying to help
20	them out and determining what was going on, he was
21	lending a hand as far as running the survey crew they
22	had put together. By no means was that intended to
23	be a question was asked if this was a formal survey
24	being done between the joint between the two.
25	I would say not really.

MR. DERR: Technically I would agree with you,

but in fact, it probably was. Officially you can't do

that and I understand that.

MR. DOUGHERTY: There was a difference of opinion, and in trying to figure out where the difference occurred, we took part in that. If you want to call that an early partnering effort, I'm sure that's what it was. My people were not convinced the conclusions were correct so we did what we did.

MR. BARTLETT: May I say something, Mr. Chairman. In the interest of continuing the job, that was -- if what you say is true, if what both of you say is true, it was a cooperative effort and it worked fine throughout the left roadway, which was done six months earlier, and it worked fine until we got to this one station.

I know of no survey other than the survey performed by Yoder and O. A. or previous on the left side of the roadway -- this was a divided job, we did two sides of the roadway. The survey was done by DOT forces on the left roadway and some of our people.

On the right roadway, which is the roadway in question, I know of no other survey attempt by anyone other than these notes that we took with the DOT in cooperation.

1		MR. ROEBUCK: Could there be an error in maybe
2	they we	ere trying to transfer that left roadway survey
3	to the	right?
4	i I	MR. BARTLETT: We believe it's an error in the
5	instru	ments. It could be a benchmark error.
6	,	MR. DERR: This comment here from the DOT in the
7	rebutta	al about the types of rods that are authorized
8	makes r	me suspicious. Direct elevating on grade, that
9	will no	ot be used
10		MR. DOUGHERTY: The problem the Department has
11	with th	he direct reading rod, the linker rod it's
12	generio	cally called, is that it is a direct reading rod.
13	It can	't be adjusted and it can slide and slip, instead
14	of read	ding correct elevations you're actually off.
15		You cannot determine by going back and try to
16	reconst	truct from notes where you are off. That's why
17	DOT goe	es through the process of doing the standard rod
18	reading	g where you have to reduce it to field notes
19	along w	with the instruments.
20	4	MR. ROEBUCK: How do you answer Mr. Derr's
21	questic	on concerning the apparent lack of a survey on
22	this cr	ritical area by the DOT after the one that you
23	jointly	y did?
24		MR. DAVISON: As far as O. A. might have been
25	helping	g them out with the survey, but as far as our

1	original final cross sections, they were taken by DOT
2	personnel using our equipment. That's what is in these
3	original final cross sections.
4	CHAIRMAN COWGER: Let me ask a question, if we
5	could. The dispute lies between station 112 and 134
6	plus or minus on the right-hand side only?
7	MR. BARTLETT: Correct.
8	CHAIRMAN COWGER: And I picked 112 because of
9	this part of your exhibit. I know it doesn't start
10	quite that early, but I just want to say that it's the
11	right roadway somewhere within those limits.
12	Now
13	MR. BARTLETT: It's 114 to 134.
14	CHAIRMAN COWGER: All right, 114, yes, that looks
15	better. Looking at Exhibit 2 which is about 20 or so
16	pages, maybe it's a little more than that, we run into
17	a sheet that looks like one of the sheets that the
18	contractor submitted from the DOT's notes that's
19	entitled muck excavation, right centerline of survey.
20	Could we get everybody to that point just a
21	minute? It's in those survey notes.
22	MR. DERR: DOT's exhibit?
23	CHAIRMAN COWGER: Right. That's Exhibit 2. The
24	page I'm looking for in the upper right-hand corner has
25	got the identification of the grow and the date

1	4-13-89, I believe that is. Is everybody there?
2	MR. DERR: No.
3	CHAIRMAN COWGER: Marshall, you have one of
4	these?
5	MR. DOUGHERTY: I'm trying to find out which book
6	it's in.
7	CHAIRMAN COWGER: Back about three-eighths of an
8	inch.
9	MR. BARTLETT: Does it have a station on it?
10	MR. MOREFIELD: I think it's in the second one.
11	CHAIRMAN COWGER: It's in book number two. In
12	the upper right-hand corner there is a crew identified
13	and the date 4-13-89 appears.
14	MR. DOUGHERTY: Page one on book two. Go to page
15	one.
16	MR. DERR: Okay.
17	CHAIRMAN COWGER: All I want to get us to the
18	point that these are the survey notes that are in
19	question by the contractor.
20	MR. DOUGHERTY: Yes, sir.
21	CHAIRMAN COWGER: Because they correspond with
22	the ones that are on this single page and it starts at
23	114, the same place these notes essentially start.
24	I notice that the notes are dated 4-13-89, and as
25	I thumb on back through, clear to the end of the right

1	roadway survey, which I can't read the numbers, but
2	I think it must be up there around 134 somewhere, I see
3	no more identification of a crew or a date. I guess we
4	are to assume that that ten pages or so of notes were
5	all taken by the same crew on 4-13-89. Does that seem
6	to make sense?
7	MR. BARTLETT: You mean they were taking those
8	notes that day?
9	CHAIRMAN COWGER: That's what the notes indicate.
10	All I'm saying is that's what these notes indicate is
11	that
L 2	MR. BARTLETT: On the work from
13	CHAIRMAN COWGER: Between 113+90 and whatever
1.4	that station is I can't read on the last page.
15	MR. BARTLETT: The work from station 128 on out
16	was done after we came back to work in June.
17	CHAIRMAN COWGER: Again, what I'm saying is
18	merely that these notes indicate that all these cross
19	sections were taken on 4-13-89.
20	MR. DERR: I don't think that's possible.
21	MR. BARTLETT: The whole grade was never opened.
22	MR. DERR: That's 2,000 feet, and 114 and 134 is
23	2,000 feet. Never at any time did we have 2,000 feet
24	of that road open just laying there for somebody to
5.5	orong montion

1	CHAIRMAN COWGER: All I'm trying to do is get a
2	the facts here. I'm glancing through and I'm merely
3	asking the question. The notes are the copies
4	aren't real, real clear. There could be something ele
5	that indicates some other dates that the survey was
6	done, but I don't see anything here.
7	Apparently the left roadway then was done at an
8	entirely different period of time because I notice the
9	next page we're down into September. But that's
10	apparently logical. Okay.
11	MR. BARTLETT: We built the left roadway first.
12	MR. DERR: That would have been about six months
13	prior to that.
14	MR. DOUGHERTY: Mr. Chairman, looking at these
15	notes, and I've got my copy, it looks like they ran
16	from about 114 to 134. That is 2,000 feet. Checking
17	with the project engineer, there was never 2,000 feet
18	of that open at any time. The 4-13 date may have been
19	the first date they were out there to work, and then
20	subsequent days were added to this same portion of the
21	book.
22	MR. DERR: We would never have 2,000 feet of roa
23	open.
24	CHAIRMAN COWGER: Where are the original notes?
25	Are they back in the estimates office?

1	MR. DOUGHERTY: I believe they are. They might
2	still be in my office. These notes were just copied
3	not long ago.
4	CHAIRMAN COWGER: That was my question.
5	Let me ask you another question if I could. In
6	the contractor's exhibit is this little profile plot,
7	I would call it, that's plotted at 28 feet right of the
8	centerline. It compares the DOT's elevations from
9	their notes to the Fred Derr and Company notes.
10	It appears like the substantial differences in
11	elevations at the bottom of the muck begin really at
12	station 129. Because prior to that station, at least
13	at 28 feet right, we're only talking about a tenth or
14	two difference. Then at station 130 it dives off into
15	a foot and a half, about a foot and a half difference,
16	all the way through. Do we agree to that?
17	MR. DERR: That's what the notes indicate, both
18	our notes and these (indicating). It's interesting, up
19	at the top, station 129+50 in the DOT notebook, there
20	is a number that says negative 1.57. Isn't it strange
21	that's just about the difference.
22	MR. ROEBUCK: Just about it. Do you see that,
23	Gene?
24	CHAIRMAN COWGER: I can't.
25	MR. DERR: Right here, station 129+50. minus

1	I don't know what that mean, but there it is in the
2	notes.
3	CHAIRMAN COWGER: Let's go off the record for a
4	moment.
5	(Discussion off the record)
6	CHAIRMAN COWGER: Let's go back on the record and
7	let Mr. Dougherty make his statement.
8	MR. DOUGHERTY: Utilizing the field books that we
9	presented a copy of on page in field book two where
10	we were talking about running, temporary benchmark 22
11	was run the last sections from approximately station
12	129+50 ahead to the end. I think that was one of the
13	points maybe in question was maybe that's where the
14	error occurred.
15	The interesting thing to me is yes, we're off
16	about a foot and a half and we run consistent with
17	Mr. Derr's computation, yet that last turn was used to
18	set the last elevation point. Yet we're only a tenth
19	of a foot off from their survey at that last survey
20	point.
21	If we were off if it were our survey
22	instruments that were off or height of instrument were
23	in error, we would have retained that foot and a half
24	even at the last closing point and been a foot and a
25	half high. We are not. That to me strengthens our

1	indication that maybe there was an error made on their
2	part.
3	MR. MOREFIELD: But theirs closes, too, so why
4	wouldn't that same logic go for their survey?
5	MR. DOUGHERTY: Because they didn't say it.
6	MR. MOREFIELD: Point noted.
7	MR. DOUGHERTY: Again, using the direct reading
8	rod, it's kind of hard to determine where an error
9	could have been made. That's the reason we go through
10	the survey computations we go through.
11	MR. BARTLETT: May I ask why we were using a
12	direct reading rod?
13	MR. DOUGHERTY: May I answer? I don't know.
14	MR. BARTLETT: I don't believe we were using a
15	fiberglass multi-section rod.
16	MR. DOUGHERTY: Our information was it was a
17	linker.
18	MR. BARTLETT: I don't know. That's why I was
19	asking. I never asked what kind of rod they used. At
20	those elevations, it would be almost impossible to use
21	a linker because he was at least 14 feet above the
22	bottom of the muck. The linker rod is usually only
23	about eight or nine feet.
24	MR. DOUGHERTY: I don't know.
25	MR. BARTLETT: Good point. I don't know either.

1	MR. DERR: Isn't it also true that we kept a
2	daily tally sheet on the truck yardage, and didn't our
3	truck yardage convert into cross sections and come out
4	pretty close?
5	MR. BARTLETT: Pretty close to what we expected.
6	MR. DERR: That's standard operating procedure
7	for our foremen. They keep daily load counts. That's
8	a matter of policy with our company.
9	MR. BARTLETT: Conversion is the weak play, two
10	or three points could make the difference here.
11	CHAIRMAN COWGER: Let me ask you another question
12	about these notes. We were talking a minute ago about
13	the dates they were taken and how much open excavation
14	was there at any one point in time.
15	It's pretty obvious from looking at these notes
16	that they begin at 113+90. And the next turn that we
17	see in the little notes I'll take back what I was
18	going to say. I thought there was a
19	MR. DERR: The only turn I see is 119+25.
20	CHAIRMAN COWGER: I suppose that conceivably
21	could constitute the beginning of a new day's work or
22	the ending of a day's work.
23	MR. DOUGHERTY: If you look through, just trying
24	to verify his point, if you look through the notes, it
25	appears they did 400 or 500 downs every time they made

1	a turn. That was probably a day's end work.
2	MR. BARTLETT: Do you recall how much it was,
3	about 100 feet a day? It took us five days to finish
4	that last 500 feet when we went back to work? Does
5	that sound right, about 100 feet a day?
6	MR. DAVISON: I don't recall that.
7	MR. BARTLETT: It's been a while.
8	CHAIRMAN COWGER: I've asked all the questions
9	I can think of to ask about the notes. The issue just
10	comes down to there's a contention by the contractor
11	that the DOT's notes, field notes between station 114
12	and 134, and in particular between 129 and 134 are in
13	error. Isn't that the basic dispute?
14	MR. DOUGHERTY: Yes, sir.
15	MR. DERR: Yes, sir.
16	MR. BARTLETT: I think item 6 of our letter
17	covers pretty much what you just said, the notes which
18	we have, I just don't agree with those stations.
19	MR. DERR: And my recollection from being on the
20	job out there, it doesn't fit either. That strata and
21	muck kept getting deeper towards the end, and that's
22	what our notes show. Except for that little blip,
23	yours kind of showed at 2. There's that space between
24	the profiles.
25	MR. BARTLETT: We mentioned here we developed the

adjoining property. It was true there. We have -
that was five years previous perhaps or six years

previous to that. I speak of adjoining property,

I mean right along the right-of-way, within 20 feet of this.

MR. DERR: An industrial park.

MR. BARTLETT: It was consistent there. I was on that job there myself. It consistently got deeper the further you went east until about station 134 where it ran out. There was an actual watershed or low point there.

Some other things that added to the confusion, of course, we had our notes and we have a digitizer in the office and set of plans, then six months later or three months later or whatever the time lapse is we get the DOT's notes.

One of the things we immediately did was plot the DOT's notes. We proved those notes were correct at least as far as our digitizer was concerned, the DOT made a correct assumption in their quantity because our digitizer said so. We didn't disprove the DOT in that respect.

We tried to find any number of ways to see why our -- everything we had, our truck counts, notes from the field, everything that the company had said we had

1 X yards and the DOT was lower. The time frame played a 2 big part in it, of course.

CHAIRMAN COWGER: Just so I can understand for sure now, the muck excavation that was done on the left side of the project, the opposite side from what we're talking about, was done at a completely different time frame, it was done on the opposite side of the existing road. So there's really no connection between the left and the right side?

MR. BARTLETT: It's a divided roadway and we had to build it that way. These two may have met in the middle somewhere as we built the road.

CHAIRMAN COWGER: This sheet in the Fred Derr

Company exhibit, or Exhibit No. 1, where we -- I can't

see a title on it, but it lists station numbers, shows

DOT volume, W. K. Company volume, over, parentheses,

under, and then the difference between W. K. and DOT

volumes.

This I assume is from the right side. It was done on the digitizer, the volumes were done on your digitizer?

MR. BARTLETT: Correct.

CHAIRMAN COWGER: And what you did was you took
DOT's notes, ran them through your digitizer for these
limits, and then you took the Fred Derr notes and did

1	the same thing.
2	And the second, third columns represent the
3	volumes from the previous station.
4	MR. BARTLETT: These are volumes overall.
5	MR. DOUGHERTY: Excuse me, is it that sheet
6	(indicating)?
7	CHAIRMAN COWGER: Yes, that's it. Volumes
8	overall, I don't understand.
9	MR. BARTLETT: This is a plot all the DOT
10	notes on the left and right roadway because it's a
11	grand total, 46,775, and the DOT, we're within the
12	DOT's numbers, 38,616. Correct? That's the total
13	amount that the DOT said they're going to pay us for
14	subsoil excavation on the complete job.
15	MR. DERR: We plotted 39,649 and used their notes
16	and they actually ended up with a plot of 38,616, which
17	is about a thousand yards difference.
18	MR. BARTLETT: That's the DOT's notes plotted on
19	a set of plans, the total roadway. We had plotted the
20	original information we had received on the left
21	roadway earlier, and we agreed.
22	Then we received the rest of the information at
23	six or seven months later after we completed the right
24	roadway. We completed the plot across the entire

roadway on the set of plans and then redid it. We had

1	this answer considerably before we got the information
2	back from the DOT because it came up for calculations.
3	We were holding we thought we would be
4	somewhere around 46,000 yards, then the final estimate
5	came in and it was 38,000.
6	MR. DERR: 38,616.
7	CHAIRMAN COWGER: That 38,616 is the final pay
8	quantity on the job, left and right.
9	MR. DERR: That's right.
10	CHAIRMAN COWGER: The DOT doesn't have anybody
11	here that was present when these notes were taken, do
12	they?
13	MR. DOUGHERTY: No, sir.
14	CHAIRMAN COWGER: Neither does the contractor,
15	when your notes were taken?
16	MR. BARTLETT: No, sir.
17	MR. ROEBUCK: Wouldn't it have to be customary
18	for the DOT, for their final estimates, the survey work
19	would have to be done when you were excavating that
20	muck?
21	MR. DERR: That's the only way you can do it.
22	The standard operating procedure is we don't backfill
23	until they take a section. The way they chose to do it
24	was have O. A. work with our guy to expedite things.
25	That's where the information came from.

1	MR. ROEBUCK: Your daily logs or anything didn't
2	indicate there was another DOT survey crew there doing
3	work simultaneously?
4	MR. DERR: No. And we don't know how they
5	could have come back later to do it because it was
6	backfilled.
7	MR. ROEBUCK: You were only there two days. It's
8	a mystery.
9	MR. DAVISON: To answer your question, our notes
10	show there were two DOT personnel taking the cross
11	sections as they were doing it per day, both the people
12	in the cross section book are DOT personnel with our
13	own equipment.
14	MR. ROEBUCK: So they had to be there at the same
15	time you were getting your information.
16	MR. DERR: Yes. Sure couldn't do it after the
17	fact.
18	CHAIRMAN COWGER: What did you say O. A.'s last
19	name was?
20	MR. DOUGHERTY: Whitsel, W-h-i-t-s-e-1.
21	CHAIRMAN COWGER: Looks like on 4-13-89 where
22	they list the crew, looks like he was a member of that
23	crew. But these notes were taken at a different time
24	than the ones the contractor has represented.
25	MR. ROEBUCK: They couldn't be. To get the

1	information, it had to be within a day or two of the
2	same time.
3	MR. DOUGHERTY: Time is relative. In other
4	words, within the same they could have been taken
5	within the same day just the beginning of the day
6	versus the end of the day. But within the same
7	relative time, yes. Within the year, yes. Both taken
8	at the same time.
9	CHAIRMAN COWGER: Even though they were only a
10	couple of hours apart, for instance, the notes that the
11	contractor has submitted were taken at one point in
12	time and these notes that DOT has in their records were
13	taken at a different point in time, even though there
14	may have been only a separation of two or three hours
15	or it could have been a day or two.
16	MR. DOUGHERTY: Correct.
17	CHAIRMAN COWGER: What was the purpose of this
18	joint survey?
19	MR. MOREFIELD: I thought I understood him to say
20	just to expedite it.
21	CHAIRMAN COWGER: The contractor thought it was
22	the final survey?
23	MR. BARTLETT: We needed to get an eight-foot
24	hole backfilled in the middle of a very busy roadway.
25	MR. DOUGHERTY: I would like to offer an opinion

1 on this because I worked with Fred on this. 2 this time we were very, very, and I say we, he more 3 than us, were very concerned that they didn't do more 4 work than they had funds authorized to do because they were under the assumption that had they, they wouldn't 5 6 get paid for that extra work. They were running sections frequently, more so 7 8 probably than we would normally do on a job just to 9 make sure they were staying within the bounds of their 10 encumbered supplemental agreement funding. 11 MR. DERR: At one point we did get a supplemental 12 to cover some of the subsoil, but it didn't cover all 13 of it. 14 MR. DOUGHERTY: And I remember you were very, 15 very concerned that you did not overshadow that. 16 probably is one reason there were two surveys done out 17 there during that time. Jan McDonald, that's the

MR. DERR: Is she still there?

attorney's name.

18

19

20

21

22

23

24

25

MR. DOUGHERTY: For the record, that's the attorney's name that Fred could not remember earlier. She's no longer there.

CHAIRMAN COWGER: What it comes down to, though, is during that period of time not only could the contractor not begin work on a supplemental agreement,

1	he couldn't overrun a quantity without putting himself
2	in jeopardy? That's really what we're talking about
3	here.
4	MR. DOUGHERTY: At that particular time with
5	the legal input and the legal opinions we had in our
6	district, you could not overrun a quantity without an
7	executed supplemental without an encumbered funding
8	associated with an impending supplemental agreement.
9	MR. DERR: The scuttlebutt in the field at that
10	time was the comptroller and the attorneys are running
11	the field.
12	MR. DOUGHERTY: It was a very harried time.
13	MR. ROEBUCK: I don't think you were the only
14	contractors at that time shutting down work during that
1.5	confusion.
16	MR. DOUGHERTY: He was the only contractor in
17	District 4 to shut down because of that confusion.
18	MR. DERR: I think that was probably the major
19	project going on at that time in the district. It was
20	my understanding they had similar problems in other
21	districts throughout the state.
22	CHAIRMAN COWGER: DOT, why is it that these cross
23	sections on the muck are taken at 25-foot intervals?
24	MR. DOUGHERTY: Sir, all I can tell you is to try

to get an accurate interpretation of where the $\operatorname{{\tt muck}}$

1	line is.
2	CHAIRMAN COWGER: My question was is that in some
3	DOT rule, procedure, internal operating procedure that
4	muck cross sections will be taken at 25-foot intervals
5	because normally you see cross sections taken at
6	100-foot intervals on everything else.
7	MR. DOUGHERTY: From my personal recollection
8	I cannot say that is procedure. That was probably just
9	being done in an effort to more finitely determine
10	quantities.
11	MR. MOREFIELD: That would be seen as being more

MR. MOREFIELD: That would be seen as being more accurate as opposed to less accurate if you went higher?

MR. DOUGHERTY: That is correct, sir.

CHAIRMAN COWGER: I'm out of questions. Has anybody got any other testimony? Any of the Board members have any questions?

MR. MOREFIELD: I was just looking, and again
I don't know, maybe Marshall does, but are there any
specifications that govern when there's a disputed -there's got to be some in there that I'm familiar with.

The cross sections that you take were for verification of pay. I would assume that those are, the majority of the time, fairly close to the contractor, except in this case where you have both of

them closing back on the same point. Obviously one survey is right, one is wrong.

MR. DERR: I don't think this has ever happened. We've always worked so closely with the DOT, we have been right on the quantities. This is a real aberation. I couldn't believe it when it showed up.

MR. MOREFIELD: Unless like you said the timing of the survey, something happened in that hole between the time the first survey was done and the second one was done, which would cause you to still close on the same point but where you took that -- where you put that pole down, the dirt changed the elevation between the time of the first survey and the second one.

MR. DOUGHERTY: From my standpoint I know why I'm here. I'm here because we have got official records taken by the Department that indicate a finite or calculable quantity that is represented by whatever that final number was, and we have some contractor records that indicate the difference.

I cannot, you know -- I cannot say where, who, what, when, whatever is wrong or whatever. I'm not -- I can't go into a settlement with this claim, if you want to go that route, and be able to justify this thing to anybody that would come through. That's probably one reason why we're here in front of this

1	Board.
2	MR. MOREFIELD: Did I hear or did I not hear, did
3	we ever decide if we could determine which survey was
4	done first?
5	MR. BARTLETT: The Yoder survey would have been
6	done immediately after the hole was opened up. That's
7	the foreman on the job.
8	MR. ROEBUCK: That's yours.
9	MR. BARTLETT: Now when the DOT did theirs, we
10	don't know.
11	MR. MOREFIELD: Could have been done at the same
12	time, before or after is what you're saying.
13	MR. DOUGHERTY: There are a lot of variables here
14	that are a puzzlement to me. Without my inspector
15	here you know, O. A. obviously ran the rod when he
16	was doing their survey. Did he run the rod when doing
17	our survey, and did he stick the rod in the same spot
18	each time? That I don't know. No one knows.
19	MR. MOREFIELD: That's why I'm saying the only
20	way you could have two accurate surveys that tie back
21	in is at station 130, wherever they put that rod down,
22	the dirt, it was different, or he set it down in a
23	different place, or he thought he had it in the same
24	place or whatever.

25

That's all I can -- it could be an accurate

reading from where he put the rod down. That's how you
would explain both of them tying back at the same point
or the dirt was moved.

MR. ROEBUCK: Or the embankment washed in. You said you saw clouds.

CHAIRMAN COWGER: Let me go back to this printout here where we're comparing DOT volumes to contractor volumes. Is everybody with me? There are several of them, but it's the one at the right-hand side of the page.

MR. BARTLETT: Titled S-T-A S-T-A, station to station, top left?

CHAIRMAN COWGER: Right. The next to the last column is entitled over, under. I just want to make a point that the over or under or the difference jumps significantly at station 129. Prior to that time it had jumped around some, but there it goes from 55 to 251, 557, then larger numbers yet.

So it seems like the biggest part of the discrepancy is in that area. If you look over at the right-hand side, whoever did this thing also picked up the fact that there is a substantial difference because they say through station 128 error in percentage 8.53, and then drop down and you see station 129 to 134, error in percent, 23.82.

1	I just think it's significant that we're zeroing
2	in on that one area. That's the area that the
3	contractor has basically talked about. That's not what
4	his claim is based on. His claim is based on a little
5	larger area than that. That also is within the
6	framework of one set of level notes and the DOT's
7	notes, between two turns in the DOT's notes, in that
8	same general area.
9	MR. DERR: Basically you're right. We're almost
10	in agreement up to 129. It's within the margin of
11	error that two survey crews will make. From 129 on it
12	just goes apart.
13	CHAIRMAN COWGER: You have to remember you're
14	cross sectioning muck. You're not sitting on a piece
15	of concrete. You're probably not sure exactly how far
16	you are out from the centerline.
17	Okay. Does anybody else have anything they want
18	to testify to?
19	MR. MOREFIELD: I don't have anything.
20	CHAIRMAN COWGER: Mr. Morefield, any questions?
21	MR. MOREFIELD: No.
22	CHAIRMAN COWGER: Mr. Roebuck?
23	MR. ROEBUCK: No. Kind of a mystery.
24	CHAIRMAN COWGER: This hearing will be closed.
25	The Board will meet on July 14 to deliberate on this

1	claim.	You	will	have	our	final	order	sho	rtly	
2	thereaf	ter.								
3	(Whereu	pon,	the	hearir	ng wa	as con	cluded	at	2:40	p.m.)
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

1	CERTIFICATE OF REPORTER						
2	STATE OF FLORIDA)						
3	COUNTY OF LEON)						
4	I CATHERINE WILKINSON, Certified Shorthand Reporter						
5	and Notary Public in and for the State of Florida at Large:						
6	DO HEREBY CERTIFY that the foregoing proceedings were						
7	taken before me at the time and place therein designated;						
8	that my shorthand notes were thereafter reduced to						
9	typewriting under my supervision; and the foregoing pages						
10	numbered 1 through 39 are a true and correct record of the						
11	aforesaid proceedings.						
12	I FURTHER CERTIFY that I am not a relative, employee,						
13	attorney or counsel of any of the parties, nor relative or						
14	employee of such attorney or counsel, nor financially						
15	interested in the foregoing action.						
16	WITNESS MY HAND AND SEAL this, the 23 day of June,						
17	A.D., 1992, IN THE CITY OF TALLAHASSEE, COUNTY OF LEON,						
18	STATE OF FLORIDA.						
19	Catherine Welkinson						
20	CATHERINE WILKINSON CSR, CP, CCR						
21	Post Office Box 13461 Tallahassee, Florida 32317						
22	My Commission Expires June 27, 1994						
23	commission Expires of the 27, 1994						
24							
25							