

Addison Airport - Westside Walker Engineering  
Claim

1999

~~CLAIM~~

Westside Taxiway

Telecon from Kurt Horn

5-25-99

Re Emergency Repair Issue

Cable never got buried -

Walker gave Zachry a bid to  
Place the cable in the ground  
Zachry obviously never did the work

Had to have a closure -

Thought the stuff had been  
buried -

JIP: Zane told me the line had been buried

Talk to Tex @ Greiner ?

Used airport Friday Night -  
Kurt was there until 4 AM

Airport & City Not responsible for  
these charges

Kurt - Talk with Greiner

Kurt wants Penalties, Zachry to pay bill

Walker will Resubmit the bid to Kurt

Emergency bill paid for

Kurt will put together a conference call  
with Majid, Tex, JIP & Kurt.



April 23, 1999

FIELD OFFICE ADDRESS:

Mr. James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Town of Addison  
Public Works Department  
PO Box 9010  
Addison, Texas 75001-9010

Re: Westside Taxiway Project  
Emergency repairs at the airport electrical system, night of November 20, 1999

Dear Mr. Pierce:

In reference to your letters dated February 22, 1999 and April 15, 1999 and our letter dated March 17, 1999, Zachry Construction Corporation accepts to withdraw its claim for recovering costs incurred while assisting the Airport in locating the defect in their system if the Town of Addison withdraws its claim likewise.

Please do not hesitate to contact me at this office if you have any further questions.

Sincerely,

Majed Limam  
Project Controls Manager  
Zachry Construction Corporation

CC: John Nicholson, Senior Project Manager



# WALKER ENGINEERING, INC.

Electrical Contractors

Job No. ~~724~~ 5024158 Job Name: Addison Airport of Texas  
6535 Clear Shuman

Unit No. 724

Pay Period: 11/20 to \_\_\_\_\_

Job Status:  Complete

Field P.O.'s	T&M Transfers	Received Material
/	/	/
/	/	/
/	/	/

Overtime Approval by P.M.:

Fri.	Sat/Sun	Mon.	Tue	Wed.	Thurs.	Total
Date <u>11/20</u>						

ID No.	Employee Name	Codes	Fri.		Sat/Sun		Mon.		Tue		Wed.		Thurs.		Total	
			RT	OT	OT	OT	RT	OT	RT	OT	RT	OT	RT	OT	RT	OT
53	Stone S		/	10											/	10
103	Wolf D		/	9											/	9
526	Wiley D		/	8											/	8
			Daily Totals													27

Work Accomplished This Week

Fri.: Trouble shoot and Repair light on Run way was found  
Bad wire under ground was by pass problem to get light

Sat./Sun. Ops They need to replace wire from one light to the other

Mon. \_\_\_\_\_

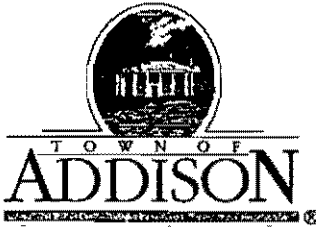
Tues. \_\_\_\_\_

Wed. \_\_\_\_\_

Thurs. \_\_\_\_\_

Extra Work \_\_\_\_\_

Prepared by: Shawn Ward Customer Signature: \_\_\_\_\_



*Fax 972-264-5597*  
*Faxed 4/20/99*

**PUBLIC WORKS DEPARTMENT**

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

April 15, 1999

Mr. Majed Limam, Project Controls Manager  
H.B. Zachry Company  
P.O. Box 1004  
Addison, TX 75001-1004

Re: Westside Taxiway Project

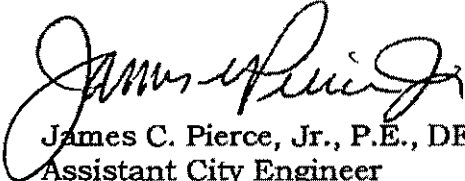
Dear Mr. Limam:

In reference to my letter to you of February 22, 1999, concerning emergency electrical repairs, and your response dated March 17, 1999, the Town of Addison will withdraw their claim for reimbursement for emergency electrical repairs, if H.B. Zachry will agree to do likewise. You may remember we discussed this in the field in late March, and you thought this would be acceptable, but wanted to check with others in your firm.

I would like to now bring this issue to a close. Please advise if this is agreeable with H.B. Zachry. Thank you for your attention to this matter.

Very truly yours,

Town of Addison

  
James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: John Baumgartner, Director of Public Works



**Zachry-Monterey, A Joint Venture**  
**Facsimile Cover Sheet**  
**Job 9080: Addison Toll Tunnel**

Physical Address:  
16101 Dooley Rd  
Dallas, TX 75244

Mailing Address:  
P.O. Box 1004  
Addison, TX 75001-1004

Fax: (972) 267-0435  
Phone: (972) 267-0430

To: Jim Pierce

Company: Town of Addison

Fax Number: (972) 450-2837

Phone Number: \_\_\_\_\_

From: Majed Limam

Pages Sent: 5 (Including cover sheet)

Comments: Jim  
Original in the mail.

If you do not receive all of the pages,  
please call (972) 267-0430

cc Rardy Moravec ✓  
John Baumgartner ✓



March 17, 1999

Mr. James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Town of Addison  
16801 Westgrove  
P.O. Box 144  
Addison, TX 75001

Letter No. ATX 125

Reference: Addison West Taxiway and Connectors with Drainage Improvements  
Bid No. 98-04 TxDOT Project No. 9248 ADDSN  
HBZ Job No. 4744

Dear Mr. Pierce.

In response to the attached Town of Addison letter (February 22, 1999) regarding emergency repairs at the airport on November 20, 1998, we would like to point out the following:

1. During Construction Progress Meeting No.1, Zachry brought up the issue of the proposed electrical system creating a possible overload on the existing electrical system. RFI-102 (April 29, 1998) concerning this potential problem was submitted to URS Greiner and calculations were returned to us, later. While showing that the existing system is adequately *designed* to handle the load, the conditions of the existing system could not be determined. In fact, AATI stated that they frequently experience severed wire and cut, or 'skinned', insulation on their existing buried wires. The native rocks found throughout the surrounding ground within the airport was mentioned as a potential cause.
2. Our system was tested before tying in the existing circuit and tested well. After certain existing runway-lights failed to burn on the night in question, we thoroughly re-tested our circuits and found everything tested 'good' again. We continued to test the existing circuit until late that night before finding a short-circuit in the AATI's existing lighting circuit.
3. The problems experienced by the AATI on the night in question, are a *design* issue—not a construction issue. Our personnel spent time in a good-faith effort to locate the airport's existing faulty wiring.

We respectfully deny your request for reimbursement of \$1,578.29 and ask your assistance in recovering the \$750 in costs, we incurred while assisting the airport in locating the defect in their system.

Your prompt action in solving this matter is greatly appreciated. Please do not hesitate to contact me at this office if you have any further questions.

Sincerely,

A handwritten signature in black ink that reads "Majed Liman". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Majed Liman  
Project Controls Manager  
Zachry Construction Corporation

CC: John Nicholson, P. E. Senior Project Manager





**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

February 22, 1999

Mr. James Gardner, Project Manager  
H.B. Zachry Company  
16101 Dooley Road  
P.O. Box 1004  
Addison, TX 75001-1004

Re: Westside Taxiway Emergency Electrical Repairs

Dear Mr. Gardner:

In late December, we received a letter from Addison Airport of Texas, Inc. (AATI) regarding several issues, one of which was the need for an emergency repair of the runway lighting system on the night of Friday, November 20, 1998. As I am sure you are aware, after H.B. Zachry worked on the system that day, the runway lights did not come on, and stay on, when the circuit was energized.

The company that was called out for the emergency repair, Walker Engineering, Inc., invoiced AATI on December 4, 1998 for \$1,578.29 for the temporary repair of the wiring system which allowed the runway lights to function. The Town of Addison paid this invoice, pending the results of an investigation, to determine the responsible party, if any.

Our investigation has included discussions with H.B. Zachry, URS Greiner, Wise Consultants and Walker Engineering. As a result of these discussions, we know that the runway lights worked before H.B. Zachry worked on them that day, and that they failed afterward. We also learned from Walker Engineering that on November 20, 1998, H.B. Zachry did something to the electrical system that caused a "S1 Switch", located in the electrical vault, to burn out. I am informed that with a constant current regulator electrical system like we have on the airport, an incident that would cause burnout of a S1 Switch would cause undue stress on the electrical cable insulation system, and would cause the type of short circuit that required the emergency repair.

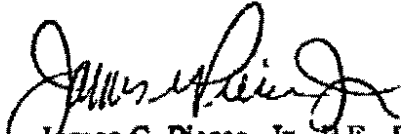
Mr. James Gardner  
February 22, 1999

Based on the above, we believe that H.B. Zachry is responsible for the short circuit that occurred in the runway lighting system the evening of November 20, 1998, and we respectfully request H.B. Zachry reimburse the Town of Addison for the cost of the emergency repair, \$1,578.29.

Thank you for your prompt attention to this matter.

Very truly yours,

Town of Addison



James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: John Baumgartner, Director of Public Works



**PUBLIC WORKS DEPARTMENT**

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

February 22, 1999

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H.B. Zachry Company  
16101 Dooley Road  
P.O. Box 1004  
Addison, TX 75001-1004

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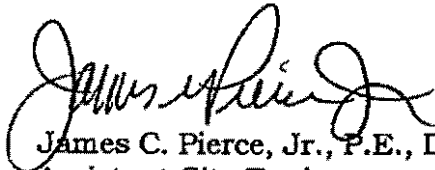
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Very truly yours,

Town of Addison

A handwritten signature in black ink, appearing to read "James C. Pierce, Jr.", written in a cursive style.

James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: John Baumgartner, Director of Public Works

2-16-99

S1 switch - is like a disconnect switch. the involved in the burnt out circuit as well as the circuits they were working on

Someone had melted the ~~the~~ S1 switch off the wall

DFW requires a megger before & after any circuits are worked on.

Changed out the switch

Walker had a switch to give to the supplier - supplier

furnished switch to Zachry. Supplier took the old S1 switch back & Zachry later went and picked up the burnt out switch from the supplier

⇒ David Wolf:

Smelow - there was a short in that vault; Call from Supplier - melted one off of wall Zachry could have caused the problem

burnt on wall marks in Vault. Main Power Vault where Regulators are

Prob Not there before

Could have added to a problem

Ran a wire on top of ground between 2 cans

2 plus it was bad - bet 2 lights & to a light too a sign

Zachry - had a problem earlier Can look in vault & see evidence

Used a Megger

Fire out's - DFW

lost a whole section

**TOWN OF ADDISON  
PAYMENT AUTHORIZATION MEMO**

DATE 1/28/99

CLAIM # \_\_\_\_\_

CHECK AMOUNT \$ 1,578.29

Vendor No. \_\_\_\_\_  
 Vendor Name Walker Engineering Inc.  
 Address 10999 Petal  
 Address Dallas  
 Address TX  
 Zip Code 75238-2424

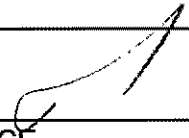
INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(0000.00)
<u>023075</u>	<u>12</u>	<u>625</u>	<u>58210</u>	<u>54200</u>		<u>1578.29</u>
	<u>12</u>	<u>621</u>	<u>56530</u>	<u>—</u>		
			<u>Service of the Transfer</u>			
<b>TOTAL</b>						<b>\$ 1578.29</b>

EXPLANATION Westside Taxiway Emergency Electrical  
Repair. Not reimbursable

no BUDGET - no obligation  
from H.I.T. - check RECEIVED

JAN 29 1999  
 TOWN OF ADDISON  
 ACCOUNTING

  
 AUTHORIZED SIGNATURE

  
 FINANCE

**TOWN OF ADDISON  
PAYMENT AUTHORIZATION MEMO**

DATE 1/28/99

CLAIM # \_\_\_\_\_

CHECK AMOUNT \$ 1,578.29

Vendor No. \_\_\_\_\_

Vendor Name Walker Engineering Inc.

Address 10999 Petal

Address Dallas

Address TX

Zip Code 75238-2424

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(00000.00)
<u>023075</u>	<u>12</u>	<u>625</u>	<u>58210</u>	<u>54200</u>		<u>1578.29</u>
<b>TOTAL</b>						<b>\$ 1578.29</b>

EXPLANATION Westside Taxiway Emergency Electrical  
Repair. Not reimbursable

  
 AUTHORIZED SIGNATURE

FINANCE

Julian

2-15-98

409-384-8189

@ Trailer

Hooking <sup>up</sup> test <sup>elec</sup> lines - Flush Lights & Taxiway Lights

Taking out jumper - from across the roadway

Took wires loose & put all thru conduit

Sent Rubin up to fan on started isolating individual lights know wasnt in his wiring

There was no digging/severing of any elec conduit or wire associated with the incident



Westside Walker Claim

2-11-99

Telecon with Steve Stone

Steve was called out on emergency.  
Steve not familiar with airport  
lighting, so 2 more people came out to help.  
The 3 of them traced out the line to find  
the short.

Steve does not know the cause. It  
could have been a bad spot in the cable,  
the cable could have been nicked during  
installation that allowed moisture to gather,  
The cable shorted out to ground.

Steve could not say that the contractor  
operations caused the short. He didn't think  
it would be the cause, but couldn't be sure.

Steve recommended I call Danny Espino,  
Project Mgr @ 214-860-4602  
- call working -

Danny Espino called:

2-12-99

Rec'd call from Zane

Danny played Intermediate Role -  
He called → Airport Runway Division  
They did temp wiring

mgr { Carroll  
Edwards  
↓  
214-860-4673

Installs lighting  
Systems

↓  
David Wolf  
works for Carroll  
Edwards & was on  
site that night

Carroll - Not up to  
speed on the incident  
constant current Direct Buried cable  
a problem.

Very dependable  
Constant Current Regulator - If you  
cut a line - regular raises voltage

500 volts - Step 1

900 volts - Step 2

2500 volts - Step 3

will go to 5000 volts & cut out  
on overvoltage - any weak spot in cable  
will show up. Has a tendency to burn  
out. Can have partial shorts & bad spots  
Overvoltage can blow-out cable

Can't say Zachry was the cause.  
When you have a short, trouble starts

Cable rated for 5000 volts.

any splice or plug in point  
is a trouble spot.

New cable (10 yrs) is really good.

Cable in conduit is 10 times better  
than direct burial.

Westside Taxiway

2-8-99

Zane Ryan -

Zachry had hit a cable @ South end earlier that day.

Zachry called Zane - couldn't find the ~~plug~~ problem and were going to leave the site.

discussed hitting a cable at one end

Regulator automatically raises the voltage (Tries to keep a constant current) @ to

try to complete a circuit and goes to ground. There are no breakers  
Did not have plugs pulled (bakelite)

Plugs should be pulled when meppin system

Walker pulled plugs and did testing -

The line was severed - blown in two.

Quite likely the cause was the trouble on the South end.

~~12-21-98~~

~~Mary Hutchinson -~~

~~972-612-6120~~

Kurt Horn / Telecom 12-21-98

11-20-98 - Light Failure @ Airport

Zachry - 15 issues -

Airport Shut-down

3K cost overrun

Lighting 11/20 - Contract

Airport closed page  
\$750/hour - 1.7 Lig  
Dan  
9.2

dn @ 6:30 PM didn't

open until daylight

Electrical problem  
cost \$1500 by Walker Eng &

Fix. AATI does not want  
to pay the bill.

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Kurt Horn

From: James C. Pierce, Jr., P.E., DEE

Company: AATI

Assistant City Engineer

Phone: 972/450-2879

FAX #: 972-248-2416

FAX: 972/450-2837

Date: 12-21-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 4

Re: Westside Taxiway Project

Original in mail

Per your request

FYI

Call me

Comments: I believe the attached minutes  
of the June 18, 1998 meeting is  
what you are looking for. See  
Item 8 a.

Jim

bcc John.

# URS Greiner

Project No. E708024.82

**ADDISON AIRPORT**  
**Construct West Side Taxiway and Drainage Improvements**  
**Construction Progress Meeting No. 9**

**Minutes of Meeting**  
**June 18, 1998**

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**ATTENDEES:** See attached Attendance List

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1. Distribution of Meeting Minutes from the June 2, 1998 Meeting  
Leslie Sagar distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the June 11, 1998 Meeting  
Leslie Sagar stated that Tex Schmidt had faxed copies of the draft meeting minutes to Jim Gardner, Jim Pierce, and Zane Ryan prior to the meeting. There were no comments
3. Project Schedule  
Majed Limom distributed copies of the two-week look ahead and explained the proposed activities. Upcoming night work was discussed. The Contractor also agreed to provide a more detailed breakdown of the specific work elements associated with the night work. Night work will be performed from 9 p.m. to 7:30 a.m., week nights only, during which time the airport will be closed. Jim Gardner indicated that they will probably not be performing night work on Friday, July 3 due to the holiday.

Kurt Horn expressed concern that the night work was shown on the schedule to start on June 22 and run through July 15. After discussion it was agreed that Majed will correct the schedule to show the finish date for night work to be July 11. In the event of weather delays, the schedule will be adjusted accordingly.

Nancy Wise expressed concern about providing RPR services during both day time and night time operations. After discussion it was agreed that additional manpower will be required starting on Wednesday, June 24, when night time paving commences.

Wayne Crabtree expressed concern about their ability to sawcut the joints in the concrete in accordance with the project specifications (as soon as the concrete has hardened sufficiently) since the airport will be re-opened to traffic by 7:30 a.m. After discussion regarding the potential problems associated with delaying the sawcutting operation to the next night time work period, and coordination with the FAA Tower by Steve James, it was agreed that the sawcutting operation (truck, sawcutting equipment and equipment operator) could occur adjacent to the runway during the daytime hours provided that the sawcutting personnel are in contact with the Tower. The Contractor agreed to provide a man with a ground control radio to be present during the sawcutting operation.

**ADDISON AIRPORT**

**Construct West Side Taxiway and Drainage Improvements**

Construction Progress Meeting Minutes --June 18, 1998

Page 2

4. Construction / Shop Drawing Submittals by Contractor  
Leslie Sagar distributed a summary log of the Contractor's submittals to date and their review status. The P-501 submittal is still pending 28-day beam breaks.
5. Requests for Information (RFI's)  
Leslie Sagar distributed the updated RFI log. Since the last meeting, two RFI's were received from the Contractor and processed (109 and 110).
6. Coordination with FAA Tower  
No problems/incidents were reported during the past week. For upcoming night work, only AATI will have the authority to open and close the runway and issue NOTAMs.
7. DBE Participation  
The Contractor is in the process of identifying additional DBE subcontractors and will provide documentation to URSG.
8. Other Items
  - a) Skip Norton stated that on Monday, June 22 they will need to turn off the power to the lighting system at 9 p.m. so that they can begin electrical work. Kurt Horn stated that the Contractor and their Subcontractors are responsible for following the lock-out procedures for turning off the power, and they are also responsible for demonstrating that the lights work each morning when the power is turned back on. Kurt Horn and Zane Ryan agreed to meet with Skip Norton at 3:30 p.m. on June 18 to show him the electrical vault and provide him with a key to access the vault.
  - b) Zane Ryan's mobile number is (214) 912-0092, and his pager number is (214) 322-8167.
  - c) Pay Request No. 1 has been approved and submitted to the Town of Addison for payment.
  - d) The Contractor was asked to provide 2 copies of the weekly payroll information with each pay request.
  - e) Change Orders 1 and 2 have been sent to the Contractor's home office for signature.
9. Next Meeting Date  
The next meeting will be on Thursday, June 25, 1998 at 8:00am at the Addison Service Center.



## SIGN-IN SHEET

## CONSTRUCTION PROGRESS MEETING

ADDISON AIRPORT  
WEST TAXIWAY AND CONNECTORS WITH DRAINAGE IMPROVEMENTS  
TXDOT PROJECT NO. 9248 ADDSN

Thursday, June 18, 1998  
10:00 a.m.

	NAME	ORGANIZATION	TELEPHONE	FAX
1	Leslie Sagar	URS Greiner, Inc.	(817) 545-0891	(817) 545-0534
2	SKIP NORTON	HB ZACHRY		
3	JIM GARDNER	" "	(972) 267-0430	(972) 267-0435
4	Majed P... ..	" "	" "	" "
5	W... ..	" "	" "	" "
6	Julian Wise	Wise Contractors Consultants Inc	972-824-0609	972-386-0318
7	Lancy Wise	" " "	" "	" "
8	STEVEN JAMES	FAA	(972) 239-4042	
9	Jimi Pierce	Town of Addison	972-450-2879	2834
10	Paul R... ..	AATI	248-7733	248-7733
11	K... ..	AATI	248-7733 x104	248-7733
12				
13				
14				
15				
16				
17				
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19				
20				