

MillionAir Storm Sewer Repair ~~MillionAir Storm~~
~~Sewer Repair~~

2004

PHR

Oxford

NO. 753 1/3



ARCHITECTS ENGINEERS PLANNERS

September 17, 2004

TOWN OF ADDISON
Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
P.O. Box 9010
Addison, Texas 75001-9010

In Account With

HNTB CORPORATION

Correspondence Address:
5910 West Plano Parkway, Suite 200
Plano, TX 75093

Remittance Address:
P.O. Box 802741
Kansas City, MO 64180-2741

Invoice No. 2-40608-DS-002

Professional services in connection with the Emergency Work at the Addison Airport.

For the period: 6/18/2004 through 8/20/2004

EMERGENCY REPAIR

<u>LUMP SUM FEE:</u>	\$ 3,576.00		
	100.0% Complete x	\$ 3,576.00	<u>\$ 3,576.00</u>
	Total Amount Earned To Date		\$ 3,576.00
	Less Previously Invoiced		<u>-</u>
	AMOUNT DUE THIS INVOICE		<u>\$ 3,576.00</u>

Emergency repairs due to storm sewer failure at the Millionaire Ramp.

*Ok to pay
J. Pierce
9-27-04*

July 13, 2004

Mr. Jim Pierce
Asst. Public Works Director
Town of Addison
16801 Westgrove Drive
Addison, TX 75001-9010

SUBJECT: EMERGENCY REPAIR – MILLIONAIRE RAMP

Dear Mr. Pierce:

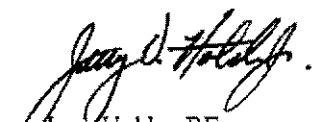
HNTB Corporation is pleased to submit the following proposal for Profession Engineering Services in connection with the subject. This Agreement is by and between HNTB Corporation and the Town of Addison. HNTB shall provide the following services:

- Assess pavement at location of failure
- Analyze video and recommend repair process
- Coordinate contractor mobilization
- Site visits to monitor progress
- Assist Town of Addison with construction inspection

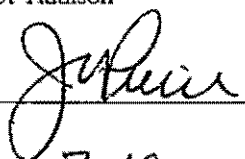
Services shall be provided on a lump sum basis, in the amount of \$3,576.00.

If this proposal meets with your approval, please sign below and return one copy for our files.

Regards,


 Jerry Holder, P.E.
 Associate Vice President

Accepted: Town of Addison

By: 
 Date: 7-19-04

Title: Asst. Public Wks Director

40608-DS-002

The HNTB Companies

OFFICES: ALEXANDRIA, VA; ANNAPOLIS, MD; ATLANTA, GA; AUSTIN, TX; BAYTON, LOUISIANA; BOSTON, MA; CHARLESTON, SC; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH; COLUMBUS, OH; DALLAS, TX; DENVER, CO; DEERFIELD, IL; ELKINS, WV; EL WORTH, TX; HARTFORD, CT; HICKSVILLE, NY; HOUSTON, TX; INDIANAPOLIS, IN; KANSAS CITY, MO; KNOXVILLE, TN; LANSING, MI; LOS ANGELES, CA; LOUISVILLE, KY; MADISON, WI; MIAMI, FL; MILWAUKEE, WI; MINNEAPOLIS, MN; NASHVILLE, TN; NEW YORK, NY; OAKLAND, CA; ORANGE COUNTY, CA; ORLANDO, FL; OVERLAND PARK, KS; PHILADELPHIA, PA; PORTLAND, ME; PORTLAND, OR; RALEIGH, NC; ST. LOUIS, MO; SALT LAKE CITY, UT; SAN ANTONIO, TX; SAN BERNARDINO, CA; SAN FRANCISCO, CA; SAN JOSE, CA; SEATTLE, WA; TAMPA, FL; TOLEDO, OH; WASH. DC; WASHINGTON, DC



16051 Addison Rd., Ste. 220
Addison Texas 75001
Telephone: 972-392-4851
Fax: 972-788-9334

FAX COVER SHEET

DATE: 4-26-03

TO: Jim Ponce

FAX: _____

FROM: L. Pyles

FAX: _____

Pages (including cover): _____

COMMENTS:

Jim: Jerry mentioned today that we should see if we can get some of this knocked out because some of the time spent was wasted on Site's miscues. Call me if you don't understand or have questions.



Fax Cover Sheet

Site Concrete
4603 Airport Pkwy
Addison, TX 75001
214-226-1822
Fax 972-385-2257

Send to: Addison Airport	From: Bryan Piper
Attention: Lisa Pyles	Date: 4-26-04
Office Location:	Office Location: Addison Airport
Fax Number: 972-788-9334	Phone Number: 214-226-1822

- Urgent
- Reply ASAP
- Please comment
- Please Review
- For your information

Total pages, including cover: 2

Comments:

Lisa,
Here is my invoice for the repair of Million Air Terminal. Please note we only charged for 4 days equipment and 3 1/2 days of labor. Let me know if I can be of any further assistance.

SITE CONCRETE, INC.

Statement

To: Addison Airport
16051 Addison Rd., Ste. 220
Addison, TX 75001

04/26/04
Site Job# 24-053
Extra Work At Million Air Terminal

Attn: Lisa Pyles 972-392-4850 Fax 972-788-9334

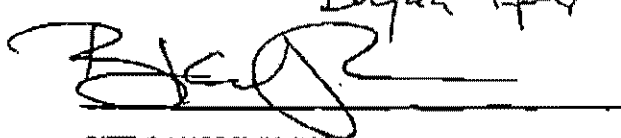
We propose to furnish all labor, materials, and equipment necessary to construct, as an independent contractor, the following described work:

LOCATION: Addison Airport Million Air Terminal

<u>DESCRIPTION</u>						
1	Loader w/ Operator	APPROX.	4 DAYS @	\$1,200.00 DAY		\$4,800.00
2	Back Hoe w/ Operator	APPROX.	4 DAYS @	\$850.00 DAY		\$3,400.00
3	Truck Rental	APPROX.	4 DAYS @	\$450.00 DAY		\$1,800.00
4	Laborers	APPROX.	3.5 DAYS @	\$300.00 DAY		\$1,050.00
5	Supervision	APPROX.	3.5 DAYS @	\$450.00 DAY		\$1,575.00
6	P501 Conc. W/ Accelerator	APPROX.	28 CY @	\$150.00 CY		\$4,200.00
7	#5 Steel	APPROX.	1 LS @	\$1,000.00 LS		\$1,000.00
8	Conc. Collars w/ 45 deg. Bends & Rebar	APPROX.	4 EA @	\$350.00 EA		\$1,400.00
9	24" Class 4 RCP	APPROX.	32 LF @	\$50.00 LF		\$1,600.00
10	Flowable BackFill	APPROX.	10 CY @	\$85.00 CY		\$850.00
11	Delivery Fees/ Cancellation Fees	APPROX.	1 LS @	\$1,200.00 LS		\$1,200.00
12	Dump Fees	APPROX.	4 LOAD @	\$125.00 LOAD		\$500.00
					Grand Total:	\$23,175.00

Note: Delivery Fees and Cancellation Fees are from Old Castle for One Box and Storm Sewer Aviation rated Manhole Ring and Cover.

Note: Site Concrete only charged time for 4 days and labor for 3.5 instead of 5.

Bryan Payer


SITE CONCRETE, INC.
3340 ROY ORR BOULEVARD
GRAND PRAIRIE, TEXAS 75050-4207
972-313-0733 FAX #972-513-0825
ESTIMATING FAX #972-513-0661

OK to pay
Jupiter
5-21-05
M. Gray
5/21/04

Jim Pierce

From: Jerry Holder [JHolder@HNTB.com]
Sent: Saturday, May 08, 2004 1:46 AM
To: Jim Pierce; dave.foster@staubach.com
Subject: Millionaire Ramp replacement

Jim and Dave, I have reviewed the pay request from Site Concrete and have the following comments:

Items 6-10 and 12 should probably be paid, as they are for material, which isn't effected by the time it took.

Item 11 should be rejected because of a poor decision made by Site to order a box that was 7' deep.

Items 1-5 are all tied to time. I have documented to the best of my memory the days they worked and what happened each day. It would be a good idea if the three of us looked at it and established is my memory is accurate.

I am available next Tuesday during lunch or early afternoon and Wednesday morning between 8:15 and 9:30. Let me know what a good time is for you.

Thanks,
Jerry

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5/11/2004

Jim Pierce

From: Jerry Holder [JHolder@HNTB.com]
Sent: Monday, May 03, 2004 11:47 PM
To: Bill Dyer
Cc: Jim Pierce; lisa.pyles@staubach.com; Luis Elguezabal; Jenny Nicewander; Michael Ebeling
Subject: RE: Millionaire Ramp casualty

Friday, April 9th:

HNTB staff, after hearing about the ramp failure on the news the night before, visited the airport managers office around 9:30 a.m. HNTB staff viewed site with Lisa Pyles and Mark Aceveda. A steel plate was covering the hole. Maintenance crew moved plate away and HNTB staff investigated the extents of the hole underneath the pavement surrounding the hole. The pavement sounded hollow in an area bigger than just the hole area. Due to a previously scheduled engagement, HNTB staff left the site and agreed to come back at 2:00 p.m.

HNTB staff viewed the site with Addison Airport staff. After investigating the site, it was agreed the storm sewer in the area had somehow created a void under the pavement. The plans the airport had showing the location of the storm sewer seemed to conflict with this analysis, but it was agreed that somehow the problem was related to the storm sewer. The storm sewer was video taped internally. The tape showed a large failure in the pipe wall that had allowed the surrounding dirt to flow into the pipe and create the void.

After assessing the situation, HNTB suggested to the airport staff that a contractor needed to be brought in to expose the void limits. We would instruct the contractor to start at the existing hole, and remove the pavement until we opened it back to "good" pavement. HNTB stated that Site Concrete, a local contractor, was already on the airfield constructing another paving project and it would be a good idea to have them look at the situation. Site Concrete was brought down and it was agreed they would start breaking away pavement Monday morning.

Monday, April 12th:

HNTB staff met Site Concrete at the apron on Monday afternoon. It was agreed to start digging at the hole and work our way out away as we found voids under the pavement. After the hole was dug back to "good" pavement, we would remove the damaged pipe, replace with new pipe, backfill with dirt, and a 12" concrete slab with #5 rebar each way on 12" centers.

Once the hole was exposed, it was agreed to break out the pipe to the nearest joint, put in 45-degree bends, install pipe collars, and fill in with flowable fill concrete base and then the 12" concrete slab.

Tuesday, April 13:

Site Concrete called HNTB and said the 45-degree bends would not work and they had talked to Jim about using a junction box instead. HNTB commented it would need to be aircraft rated, but a box would be okay to use.

Wednesday, April 14th:

Jim Pierce sends out an email stating that Site Concrete will be using a junction box to do the repair, but it may not be here until Friday, because they are having to get an aircraft rated box.

Wednesday evening HNTB gets a call from Site saying they are having trouble with the box. HNTB allows them to adjust the box to try and keep progress moving forward.

Thursday, April 15th:

Site Concrete works with the junction box fix until 4:00 pm. Dave Foster calls HNTB and asks them to come out and look at the junction box, he doesn't believe it is going to work. HNTB visits the site and after assessing the situation, directs Site Concrete to remove the junction box and use 45-degree bends. HNTB stays on site to make sure pipe bedding is compacted correctly.

Friday, April 16th:

HNTB visits site three times to make sure construction is advancing properly. Paving is completed in the afternoon. It is agreed that the barriers will remain in place until Monday, at which time the apron would be open to traffic. Friday night HNTB sends out e-mail summarizing the last few days of construction efforts.

Monday, April 19th:

Apron open to aircraft traffic.

Bill, I hope these highlight points are enough for your insurance carrier. If not, please call me and we can discuss...I talk

5/10/2004

faster than I type. :-)

-----Original Message-----

From: Bill Dyer [mailto:Bill.Dyer@Staubach.com]
Sent: Monday, May 03, 2004 6:02 PM
To: Jerry Holder
Subject: FW: Millionaire Ramp casualty
Importance: High

Jerry,

Can you pull something together for me fairly quickly re. the Millionaire ramp damage?

Bill Dyer

-----Original Message-----

From: Bill Dyer
Sent: Thursday, April 15, 2004 1:41 PM
To: 'Jerry Holder'
Subject: RE: Millionaire Ramp casualty

that will be great,

Thanks

Bill Dyer

-----Original Message-----

From: Jerry Holder [mailto:JHolder@HNTB.com]
Sent: Thursday, April 15, 2004 10:18 AM
To: Bill Dyer
Subject: RE: Millionaire Ramp casualty

I'll get you something by Monday...is that soon enough?

Jerry

-----Original Message-----

From: Bill Dyer [mailto:Bill.Dyer@Staubach.com]
Sent: Wednesday, April 14, 2004 2:27 PM
To: Jerry Holder
Cc: Jim Pierce; Mark Acevedo; Lou Elguezabal; Lisa Pyles
Subject: Millionaire Ramp casualty

We have notified our insurance company of the Millionaire ramp failure and resulting aircraft damage. They have requested us to provide them our preliminary findings including HNTB's initial findings and assessment of the conditions noted. At your earliest convenience, can you please provide us a letter summarizing HNTB's observations and preliminary assessment for the cause of the ramp failure.

Bill Dyer

5/10/2004

Jim Pierce

From: Mark Acevedo
Sent: Wednesday, April 14, 2004 1:59 PM
To: Jim Pierce; 'Lisa Pyles (E-mail)'; 'Dave Foster (E-mail)'
Cc: 'Jerry Holder (E-mail)'; 'Jenny Nicewander (E-mail)'
Subject: RE: Millionaire Pavement Repair

Thanks for the update Jim. A big thanks to all of you for making this happen so quickly. Great Job!!

Mark

*Mark Acevedo
Director of General Services
972-450-2848 Office
972-450-2825 Fax
macevedo@ci.addison.tx.us*

-----Original Message-----

From: Jim Pierce
Sent: Wednesday, April 14, 2004 12:07 PM
To: Mark Acevedo; Lisa Pyles (E-mail); Dave Foster (E-mail)
Cc: Jerry Holder (E-mail); Jenny Nicewander (E-mail)
Subject: Millionaire Pavement Repair

I have just reviewed the latest plan for the repair and it is as follows: Site will install a Junction Box at the angle point intersection of the 24" pipes. The junction box is precast and comes with cutouts for the pipes to enter the box. The box will be delivered today. The pipes will be grouted in place good and solid. The junction box will have an invert formed on the inside to provide for smooth flow through the box. The box will have an access manhole on top that will be set at grade. Backfill will be flowable fill. They are having some trouble getting the aircraft rated manhole frame and cover - it may be Friday. Work can be completed except for that, and that opening can be covered by a steel plate in the meantime. I am happy with this plan and it will give us a proper fix.

Jim Pierce, P.E.
Assistant Public Works Director
P.O. Box 9010
Addison, TX 75001-9010
972-450-2879