

Addison Airport - Westside Construction  
1999

7-

**TRANSMITTAL**

**URS Greiner Woodward Clyde**

**DATE:** June 2, 1999

4100 AMON CARTER BOULEVARD, SUITE 108  
FORT WORTH, TEXAS 76155

TEL: (817) 545-0891 FAX: (817) 545-0534

**TO:** Jim Pierce, Jr., P.E.

**FROM:** Tex Schmidt, P.E.

**FIRM:** Town of Addison

**SUBJECT:** Addison Airport

**ADDRESS:** PO Box 144  
Addison, TX 75001

West Taxiway and Connectors

**CC:**

NO.	DESCRIPTION
1	Final Pay Request from H.B. Zachry
2	Close-Out Book

**MEMO:**

Jim – The Close-out Book contains the Sponsor's Certification, Certificate of Substantial Completion, Project Financial Summary, Pay Requests, Change Orders, DBE Reports, Acceptance Testing Reports, and RPR Daily Reports. You need to sign the Sponsor's Certification, and I would appreciate getting a signed copy. I also do not have a signed copy of change order No. 3, and would like to have one.

The as-built plans were transmitted to you previously, and there was no change to the airport property map.

**TRANSMITTAL**

**URS Greiner Woodward Clyde**

**DATE:** June 21, 1999

4100 AMON CARTER BOULEVARD, SUITE 108  
FORT WORTH, TEXAS 76155

TEL: (817) 545-0891 FAX: (817) 545-0534

**TO:** Jim Pierce, Jr., P.E.  
**FIRM:** Town of Addison  
**ADDRESS:** 16801 Westgrove  
Addison, TX 75001

**FROM:** Tex Schmidt, P.E.  
**SUBJECT:** Addison Airport  
West Taxiway and Connectors  
**CC:**

NO.	DESCRIPTION
1	Corrected ALP (per your comments)
5	Blacklines of corrected ALP

**MEMO:**

Westside / Land Reclamation  
Projects.

6-24-99

Discussed poor condition of access road  
& N. End of Dorley Rd.

Monday - work will proceed to restore  
this area. George has a plan for  
restoration.

Bare spot, where material has been  
stockpiled, has been seeded & watered  
once. (I have not observed this area).

(I have decided not to process final  
payment until restoration of access  
road is completed).

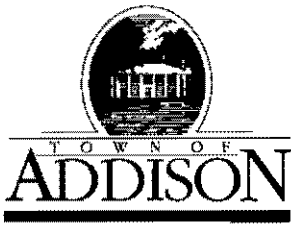
J.P.

**Jim Pierce**

**From:** Tex\_Schmidt@urscorp.com  
**Sent:** Wednesday, June 23, 1999 8:37 AM  
**To:** jpierce@ci.addison.tx.us  
**Subject:** Addison Airport West Taxiway

Jim - I spoke with Bruce Ehly this morning about the eligibility of Change Order No. 2. I explained the need for the paved surface and the encounter with the force main. Bruce said that both items would be eligible, in his opinion.

Also - I have corrected the ALP and you will receive it tomorrow morning by Fed -Ex.



**Public Works / Engineering**

16801 Westgrove • P.O. Box 144  
 Addison, Texas 75001  
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

LETTER OF TRANSMITTAL

DATE	6-23-99	JOB NO.
ATTENTION		
RE:	Addison Airport	
	Westside Taxway Project	

TO Clyde Johnson  
Purchasing

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Attached
- Under separate cover via \_\_\_\_\_ the following items:
- Shop Drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1			Affidavit of Bills Paid
2			Maintenance Bond

**THESE ARE TRANSMITTED as checked below:**

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

**REMARKS**

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**COPY TO** \_\_\_\_\_

SIGNED: \_\_\_\_\_

*[Handwritten Signature]*

If enclosures are not as noted, please notify us at once.

**CONTRACTORS' AFFIDAVIT OF BILLS PAID**

STATE OF TEXAS

COUNTY OF BEXAR


Personally, before me the undersigned authority, on this day appeared, **JOE J. LOZANO**, who, being duly sworn, on oath, says that he is a legal representative of **ZACHRY CONSTRUCTION CORPORATION**, the contract for the construction of the project, designated as, **JOB 4744 ADDISON AIRPORT-W. TAXIWAY & CONNECTORS.**, has been satisfactorily completed; and that all bills for materials, apparatus, fixtures, labor, and taxes used in connection with the construction of this project have, to the best of my knowledge and belief, been fully paid.

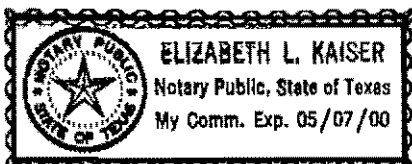
  
\_\_\_\_\_  
(signature)

JOE J. LOZANO, VICE PRESIDENT and COMPTROLLER  
ZACHRY CONSTRUCTION CORPORATION

SWORN TO SUBSCRIBED BEFORE ME THIS 1<sup>st</sup> DAY OF  
June, 1999.

SEAL

  
NOTARY PUBLIC IN AND FOR  
BEXAR COUNTY, TEXAS




**CONTRACTORS' AFFIDAVIT OF BILLS PAID**

STATE OF TEXAS

COUNTY OF BEXAR

Personally, before me the undersigned authority, on this day appeared, **JOE J. LOZANO**, who, being duly sworn, on oath, says that he is a legal representative of **ZACHRY CONSTRUCTION CORPORATION**, the contract for the construction of the project, designated as, **JOB 4744 ADDISON AIRPORT-W. TAXIWAY & CONNECTORS.**, has been satisfactorily completed; and that all bills for materials, apparatus, fixtures, labor, and taxes used in connection with the construction of this project have, to the best of my knowledge and belief, been fully paid.

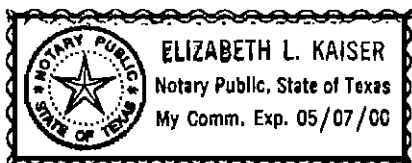
  
\_\_\_\_\_  
(signature)

JOE J. LOZANO, VICE PRESIDENT and COMPTROLLER  
ZACHRY CONSTRUCTION CORPORATION

SWORN TO SUBSCRIBED BEFORE ME THIS 1<sup>st</sup> DAY OF  
June, 1999.

SEAL

  
NOTARY PUBLIC IN AND FOR  
BEXAR COUNTY, TEXAS





MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENT:

That ZACHRY CONSTRUCTION CORPORATION  
 as Principal, and AMERICAN HOME ASSURANCE COMPANY  
 a Corporation organized under the laws of the State of New York  
 as Sureties, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of Addison, Texas the sum of One Hundred Percent of Final Contract Amount dollars (\$ 100% ) payment of which sum will and truly to be made unto said Town of Addison, Texas and its successors; said PRINCIPAL and SURETIES do hereby bind themselves, assigns, and successors jointly and severally.

THE CONDITION OF THIS OBLIGATION is such that whereas the PRINCIPAL has entered into a certain Contract with the Town of Addison, Texas dated the 25th day of March, 1997, a copy of which is hereto attached and made a part hereof for the construction of the WEST TAXIWAY AND CONNECTORS WITH DRAINAGE IMPROVEMENTS (SOUTH SEGMENT), located at Addison Airport in the Town of Addison, Texas; and

WHEREAS, said Contract was entered into pursuant to the requirements of the Town of Addison; and

WHEREAS, in said Contract, Contractor binds itself to use of materials and methods of construction such that all improvements will be initially completed free of perceptible defects and will remain in good repair and condition and free of perceptible defects for and during the period of ONE (1) YEAR after the date of acceptance of the completed improvements by the Town of Addison; and

WHEREAS, said Contractor binds itself to construct said improvements in such a manner and obtain inspection approvals in proper sequence as are required to obtain acceptance by the Town of Addison and to repair or reconstruct the said improvements in whole or in part at any time within said ONE (1) YEAR period to such extent as the Town of Addison deems necessary to properly correct all defects except those which have been caused by circumstances and conditions occurring after the time of construction over which the Contractor had no control and which are other than those arising from defect of construction by the Contractor; and.

WHEREAS, after the acceptance of the improvements by the Town of Addison, said Contractor binds itself, upon receiving notice from the Town of Addison of the need thereof to repair or reconstruct said improvements, and if the Contractor fails to make the necessary corrections, the Town of Addison may do or have done all corrective work and shall have recovery hereon for all expenses thereby incurred.

\*NOW, THEREFORE, if said Principal shall keep and perform its said agreement to maintain, repair or reconstruct said improvements for a period of ONE (1) YEAR, as provided, then these presents shall be null and void, and have no further effect. Otherwise, this Bond shall be and remain in full force and effect, said Town of Addison shall have and recover from the said Contractor and its Surety damages in the premises as prescribed by said Contract. This obligation shall be a continuing one and successive recoveries may be had hereon for successive breaches until the full amount hereof is exhausted.

IN WITNESS WHEREOF, the said ZACHRY CONSTRUCTION CORPORATION has  
caused these presents to be executed by them; and the said \_\_\_\_\_  
AMERICAN HOME ASSURANCE COMPANY by its ATTORNEY-IN-FACT  
Socrates Ramirez, and the said ATTORNEY-IN-FACT  
\_\_\_\_\_ has hereunto set his hand  
this the 15th day of June, 1999.

ZACHRY CONSTRUCTION CORPORATION

*David S. Zachry*

David S. Zachry

President - Civil Group

AMERICAN HOME ASSURANCE COMPANY

*Socrates Ramirez*

Socrates Ramirez

Attorney-In-Fact

SEAL:

SEAL:

**American Home Assurance Company**  
**National Union Fire Insurance Company of Pittsburgh, Pa.**  
Principal Bond Office: 70 Pine Street, New York, N.Y. 10270

**POWER OF ATTORNEY**

No 81-B-50845

**KNOW ALL MEN BY THESE PRESENTS:**

That American Home Assurance Company, a New York corporation, and National Union Fire Insurance Company of Pittsburgh, Pa., a Pennsylvania corporation, does each hereby appoint

—Socrates Ramirez: of San Antonio, Texas—

its true and lawful Attorney(s)-in-Fact, with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. have each executed these presents



this 19th day of May, 1994

*Frederick J. Gurba*  
Frederick J. Gurba, Vice President

STATE OF NEW YORK }  
COUNTY OF NEW YORK } ss.

On this 19th day of May, 1994, before me came the above named officer of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa., to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seals of said corporations thereto by authority of his office.

*Paulette K. Williams*

PAULETTE K. WILLIAMS  
Notary Public, State of New York  
No. 31-4972606  
Qualified in New York County  
Certificate Filed in New York County  
Commission Expires October 1, 1994

**CERTIFICATE**

Excerpts of Resolutions adopted by the Boards of Directors of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. on May 18, 1976:

"RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its surety business;

"RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

"RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact."

I, Elizabeth M. Tuck, Secretary of American Home Assurance Company and of National Union Fire Insurance Company of Pittsburgh, Pa. do hereby certify that the foregoing excerpts of Resolutions adopted by the Boards of Directors of these corporations, and the Powers of Attorney issued pursuant thereto, are true and correct, and that both the Resolutions and the Powers of Attorney are in full force and effect.

IN WITNESS WHEREOF, I have hereto set my hand and affixed the facsimile seal of each corporation

this 15th day of June, 1999.



*Elizabeth M. Tuck*  
Elizabeth M. Tuck, Secretary

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## CONSENT AGENDA

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- #2a - Approval of the Minutes for the June 8, 1999, Council Meeting.
- 
- #2b - Acceptance of construction and authorization of final payment in the amount of \$107,824.98 to H.B. Zachry Company for West Taxiway and Connectors with Drainage Improvements (South Segment). *Passed*
- 
- #2c - Rejection of all bids for an insulated, articulated aerial lift for the Streets Department.
- 
- #2d - Award of a sole source purchase in the amount \$27,760 to Fontaine Truck Equipment Company for an insulated, articulated aerial lift for the Streets Department.
- 
- #2e - Award of a contract in the amount of \$37,141 to Demolition Materials L.L.C. for asbestos abatement, demolition, and removal of the building and parking lots at 15800 Addison Road.
- 
- #2f - Consideration of a Resolution authorizing the City Manager to enter into a Funding, Assignment and Construction Services Agreement between the Town of Addison and Post Properties for Addison Circle Phase II-B.
- 
- #2g - Award of contracts in the amounts of \$961,267.41 to Gibson and Associates, Inc. and \$435,583.00 to North Texas Contracting, Inc. for construction services for Addison Circle Phase II-B.
- 
- #2h - Rescission of a previous award of a contract in the amount of \$84,460 to C.D. Pugsley, Inc. for Midway Road miscellaneous paving improvements.
-

Everything done  
~~Eric~~ Eric June 11<sup>th</sup>  
Called Majid on this  
5-27-99

Date

**MEMORANDUM**

To: Ron Whitehead, City Manager  
From: Jim Pierce, Assistant City Engineer  
Subject: Acceptance of the West Taxiway Project (Project Number 54200)

H.B. Zachry Co. has completed the above referenced project as per the plans and specifications. Attached is their pay request for final payment of \$107,824.98.

The original contract amount for the project was \$2,060,627.77. The actual work performed by H.B. Zachry, including change orders, was \$2,156,499.66. The Town will receive 90% of eligible costs through a grant from TxDOT-Aviation Division.

The contractor has submitted his Affidavit of Bills Paid and one year Maintenance Bond.

Staff recommends that the Council accept the construction of the West Taxiway and Connectors with Drainage Improvements (South Segment), on Addison Airport, and authorize final payment of \$107,824.98 to H.B. Zachry Company.

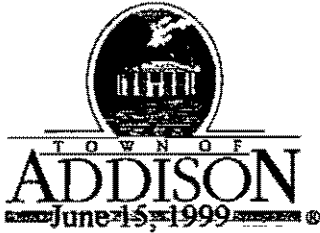
CO #	Description	Amount	Eligibility
CO # 1	Weeknight Closures instead of weekend closures	\$ 33,073	Not eligible
CO # 2	Add 55 Tons Hot Mix (hard surface for temp pavement) #2206 Add LMC excise, exist force main #3621	\$ 5,829	
CO # 3	Night work to avoid relocate threshold (Taxi C) #34,489 Relocate ILS Sign # 2470	\$ 36,959	Not eligible

for agenda  
Meeting  
June 15

Change Orders  
3.68%

$$\begin{aligned} \text{Eligible Costs} &= 2,086,467.66 \times 0.9 = 1,877,820.89 - \text{Grant Amt} \\ & \quad 278,678.77 - \text{Town Share} \\ & \quad \underline{\hspace{1.5cm}} \\ & \quad 2,156,499.66 \end{aligned}$$

Agenda Item



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

**MEMORANDUM**

To: Chris Terry, Assistant City Manager

Through: John Baumgartner, Director of Public Works *JB*

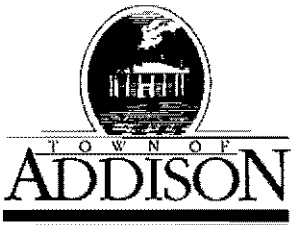
From: Jim Pierce, Assistant City Engineer *JP*

Subject: Acceptance of the West Taxiway Project (Project Number 54200)

H.B. Zachry Co. has completed the above referenced project as per the plans and specifications. Attached is their pay request for final payment of \$107,824.98.

The original contract amount for the project was \$2,060,627.77. The actual work performed by H.B. Zachry, including approved change orders, was \$2,156,499.66. The Town will receive 90% of eligible costs through a grant from TxDOT-Aviation Division.

Staff recommends that the Council accept the construction of the West Taxiway and Connectors with Drainage Improvements (South Segment), on Addison Airport, and authorize final payment of \$107,824.98 to H.B. Zachry Company, subject to receipt of a satisfactory Affidavit of Bills Paid and One-Year Maintenance Bond.



**Public Works / Engineering**

16801 Westgrove • P.O. Box 144  
Addison, Texas 75001

Telephone: (214) 450-2871 • Fax: (214) 931-6643

LETTER OF TRANSMITTAL

DATE	6-15-99	JOB NO.
ATTENTION		
RE:	Whetside Taxi way	

TO Tex Schmidt  
URS Greiner

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Attached
- Under separate cover via \_\_\_\_\_ the following items:
- Shop Drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1			Airport Layout Plan

**THESE ARE TRANSMITTED as checked below:**

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS See mark-ups

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COPY TO \_\_\_\_\_

SIGNED: *J. Greiner*

If enclosures are not as noted, please notify us at once.

**TRANSMITTAL**

**URS Greiner Woodward Clyde**

**DATE:** June 9, 1999

4100 AMON CARTER BOULEVARD, SUITE 108  
FORT WORTH, TEXAS 76155

TEL: (817) 545-0891 FAX: (817) 545-0534

**TO:** Jim Pierce, Jr., P.E.

**FROM:** Tex Schmidt, P.E.

**FIRM:** Town of Addison

**SUBJECT:** Addison Airport

**ADDRESS:** 16801 Westgrove Drive

West taxiway and Connectors

Addison, Texas 75001

**CC:**

NO.	DESCRIPTION
1	Revised ALP (mylar)
5	Revised ALP (copies)

**MEMO:**



5-18-99

Westside -

Kurt called & complained about the drop off along the taxiway. I passed this info on to Mejid Limam and he sent a crew out to place dirt along the taxiway to take care of the problem.

On 5-18-99, Tex, Jap & Kurt looked @ the job. We could see where add'l dirt had been placed along the taxiway. The contractor had completed about 70-80% of what was needed. Kurt was OK with the work that was done but Tex thought they had gotten the dirt a little too high in places.

Tex will coordinate with H.B. Zachry for satisfactory completion of this item.

Jap

TOWN OF  
**ADDISON**

*Tex Schmidt*

**PUBLIC WORKS**

To: Majed Limam

From: James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834

Company: H. B. Zachry

FAX #: 972-264-5597

Date: 5-13-99

*Faxed to  
Both  
parties*

# of pages (including cover): 1

ve  
001-9010

Re: Westside Taxiway

- Original in mail
- Per your request
- FYI
- Call me

Comments: I received a call today from AATI reporting to me that there are significant areas where edge of pavement drop-off exceeds the 1 1/2 inches called for on the plans. If this is the case, and I suspect it to be so, this condition must be corrected immediately for safety reasons, as well as compliance with the plans. We also need to get this done before the final payment request is processed.

Please call and lets discuss.

*Jim*

cc Tex Schmidt

Westside Tapway  
Final Inspection

4-23-99

Present: Tex Schmidt, Majed Limeri,  
JEP & Rubin.

The grass looked good in most areas. Some areas looked sparse, but they had been re-seeded and the grass was beginning to grow. Tex is OK with the grass.

One area, just north of the Tower was unacceptable. It was decided in the field that this area would be included in the land reclamation project as far as grass establishment was concerned. The area will be re-seeded and the irrigation system from the land reclamation project will be moved to the area to facilitate grass establishment.

One small area, near the south gate, where the trailers were, will be regraded.

The final payment request for this project will be processed.

JEP

PRODUCER

J&H Marsh & McLennan TX, Inc.  
112 East Pecan  
Suite 1400  
San Antonio, TX 78205-1505

Michelle Drew 210.299.3311

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER OTHER THAN THOSE PROVIDED IN THE POLICY. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED HEREIN.

COMPANIES AFFORDING COVERAGE

COMPANY

A ST. PAUL FIRE & MAR INS CO

COMPANY

B ST. PAUL GUARDIAN INS CO

COMPANY

C

COMPANY

D

INSURED

Zachry Construction Corporation  
P.O. Box 240130  
San Antonio, TX 78224-0130

COVERAGES

THIS IS TO CERTIFY THAT POLICIES OF INSURANCE LISTED HEREIN HAVE BEEN ISSUED TO THE INSURED NAMED HEREIN FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THE CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES LISTED HEREIN IS SUBJECT TO ALL THE TERMS, CONDITIONS AND EXCLUSIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	KK09100847	5/01/99	5/01/00	GENERAL AGGREGATE \$ 5,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS - COMP/OP AGG \$ 5,000,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				PERSONAL & ADV INJURY \$ 1,000,000
	<input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE \$ 1,000,000
					FIRE DAMAGE (Any one fire) \$ 1,000,000
					MED EXP (Any one person) \$ 5,000
B A	AUTOMOBILE LIABILITY	KK09100847-1 TX KK09100847 AOS	5/01/99	5/01/00	COMBINED SINGLE LIMIT \$ 2,000,000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE \$
<input checked="" type="checkbox"/> HIRED AUTOS					
<input checked="" type="checkbox"/> NON-OWNED AUTOS					
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
	<input type="checkbox"/> ANY AUTO				OTHER THAN AUTO ONLY: \$
					EACH ACCIDENT \$
					AGGREGATE \$
	EXCESS LIABILITY				EACH OCCURRENCE \$
	<input type="checkbox"/> UMBRELLA FORM				AGGREGATE \$
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM				\$
A	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WVK9100915	5/01/99	5/01/00	WC STATUTORY LIMITS OTH-ER \$
	<input type="checkbox"/> INCL				EL EACH ACCIDENT \$ 1,000,000
	<input type="checkbox"/> EXCL				EL DISEASE - POLICY LIMIT \$ 1,000,000
	OTHER				EL DISEASE - EA EMPLOYEE \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / SPECIAL ITEMS

GENERAL LIABILITY PROVIDES COVERAGE FOR PERILS OF BLASTING, COLLAPSE, UNDERGROUND DAMAGE, BROAD FORM PROPERTY DAMAGE, BLANKET CONTRACTUAL LIABILITY COMPLETED OPERATIONS, INDEPENDENT CONTRACTORS, AND PERSONAL (See reverse and/or attached for additional information.)

CERTIFICATE HOLDER

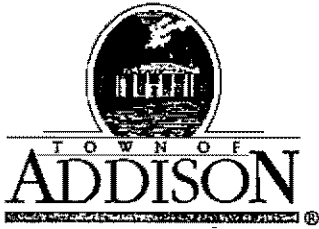
Town of Addison  
P. O. Box 144  
Addison, TX 75001

CANCELLATION

SHOULD ANY OF THE POLICIES LISTED HEREIN BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE INSURER AFFORDING COVERAGE WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED HEREIN, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER AFFORDING COVERAGE, ITS AGENTS OR REPRESENTATIVES, OR THE ISSUER OF THIS CERTIFICATE.

J&H MARSH & McLENNAN, INCORPORATED  
BY:

*Paul Francis Grandis*



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

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

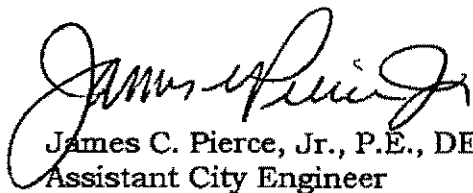
Dear Mr. Limam:

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

Westside

3-25-99

Inspected grass with Majid & George. Grass is pretty sparse in large areas. Unacceptable at this time.

George thinks ~~that~~ the bermuda has not really come up yet. Soil too cool.

Jep suggested contacting the contractor for more effort.

We agreed to look again about mid april.

I also suggested the Town would drop its claim (\$1570±) against Zachry if Zachry would drop its claim against the Town (\$750.00)

I noticed a white, milky discharge coming from a storm sewer @ the confluence.

John/FYI

1-28-99

Recap of Westside Taxiway  
Construction Project:

Final Contract Amount	\$ 2,080,638.51
Contract Bid Amount	\$ 2,050,627.77
Contract "Overage"	\$ 30,010.74
Total Change Orders (3)	\$ 75,861.15
Emergency Electric Repairs	\$ 1,578.29
Total Over Bid Amount	\$ 107,450.18

5.24% over bid amount.

Jim

3-18-99

Westside Taxiway

Outstanding Obligations:

H.B. Zachry:

Final 5% Retainage

\$ 107,824.99

URS Greiner:

\$ 15,959.00 unbilled on their contract

I have asked for an estimate of remaining charges,

They want to make one more inspection

Single Audit? \$2500?

The attached Recap may be helpful to you

Jim

Other Issues:

H.B. Zachry Denied our request for reimbursement of \$ 1578.29 and have asked for \$ 750 in additional costs.

Liquidated Damages for Airport closure?

was the closure "their fault"? Arguable.

They may have other delay claims they can bring up.



Summary of Miscellaneous Fees and Engineering Fees For Design Work to be Reimbursed Under This Contract		
Description Of Fees	Amount	
Bid Advertising & Miscellaneous	\$1,000.00	
Initial Engineering Design	\$147,662.00	
Design Update	\$11,200.00	
Construction Administration	\$43,700.00	
Resident Project Representative	\$95,546.00	
Acceptance Testing	\$22,000.00	
Construction Phase Surveying	\$6,000.00	
Single Audit	\$2,500.00	
Total	\$329,608.00	
westside\reimbsmt.wk4		



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 Limam". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Majed Limam  
Project Controls Manager  
Zachry Construction Corporation

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



TOWN OF  
**ADDISON**

**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.

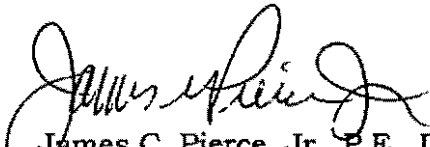
Mr. James Gardner  
February 22, 1999

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.

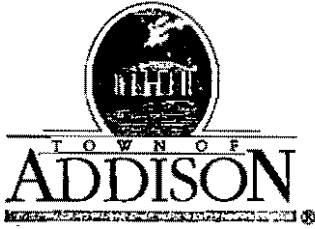
Very truly yours,

Town of Addison

A handwritten signature in cursive script, appearing to read "James C. Pierce, Jr.", written in dark ink.

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

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

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Mr. James Gardner  
February 22, 1999

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Thank you for your prompt attention to this matter.

Very truly yours,

Town of Addison

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

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

cc: John Baumgartner, Director of Public Works

February 17, 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

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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 hereby request H.B. Zachry reimburse the Town of Addison for the cost of the emergency repair, \$1,578.29.

*we respectfully*

*Jim*

*Try  
This*

*What about the  
need for permanent  
repair?*

*Jal*



Mr. James Gardner  
February 17, 1999

It should also be noted that the construction contract calls for liquidated damages to be assessed at \$750.00 per hour for any time "the runway remains closed due to construction activity at times other than the weekend closure". While we do not intend to assess liquidated damages for this incident at this time, we reserve the right to do so in the future if deemed appropriate.

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

## **URS Greiner Woodward Clyde**

*A Division of URS Corporation*

4100 Amon Carter Boulevard, Suite 108  
Fort Worth, TX 76155-2600  
Tel: 817.545.0891  
Fax: 817.545.0534  
*Offices Worldwide*

February 8, 1999

Mr. James Pierce, P.E.  
Assistant City Engineer  
Town of Addison  
PO Box 144  
Addison, TX 75001

**Re: West Taxiway and Connectors with Drainage Improvements - Revised ALP  
Addison Airport**

Dear Mr. Pierce:

In accordance with our contract agreement, provided herewith for your review and use is the revised Airport Layout Plan (ALP) for Addison Airport. We are providing you with one (1) mylar, two (2) blackline prints, and one (1) electronic file copy of the revised ALP. Revisions were made to the November 1997 ALP prepared by your Master Plan consultant, Barnard Dunkelberg, as follows:

- 1) recent construction improvements to Taxiway B and the new connector taxiways; and
- 2) a correct depiction of the Glide Slope Critical Areas associated with the Instrument Landing Systems (ILS) at each runway end since these critical areas were discovered to be incorrectly shown on the ALP as documented in my letter to you dated November 19, 1998. The Glide Slope Critical Areas were revised to show an x-dimension of 1300 feet in accordance with FAA Order 6750.16B, Change 2 for a Capture Effect glide slope.

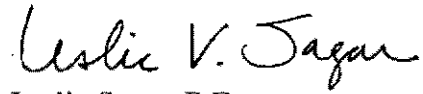
These two revisions to the ALP drawing are noted in a revision block on the drawing. It is recommended that the Town of Addison submit the revised ALP to Bruce Ehly of TxDOT Aviation Division for coordination and FAA approval. We recommend that you advise Mr. Ehly that when the Glide Slope Critical Area discrepancy was discovered, the FAA Airways and Facilities Sector Office at Addison indicated that they had not seen the November 1997 ALP, even though the ALP was approved by FAA Southwest Region.

It is also suggested that the Town may wish to further update the ALP with respect to the Keller Springs Rd. Tunnel project. The tunnel is shown on the drawing; however, we believe that a number of hangars and buildings are shown on the ALP which were removed by the tunnel project subsequent to November 1997. Please let me know if you would like for us to undertake the updating of the ALP to reflect changes in airport features associated with the tunnel, and we will be happy to provide you with a fee proposal.

Please let me know if you have any questions regarding the two ALP revisions that have been made, or if we can be of further assistance.

Sincerely,

**URS GREINER WOODWARD CLYDE**

A handwritten signature in cursive script that reads "Leslie V. Sagar".

Leslie Sagar, P.E.  
Senior Project Manager

enclosure

John

Westside Taxiway

1-29-99

On this date I investigated a complaint from K.A. Craig, a Westside Tenant regarding a puddle of water on his apron. The puddle is just west of the new taxiway and is about 30' x 15' in size, about 1 1/2 - 2" deep @ deepest point. Mr. Craig claims the puddle was not there before the Taxiway was constructed. He claims the old Taxiway was lower, allowing the water to drain to the east. He claims the new Taxiway is higher, causing the puddle.

The plans show that the new taxiway is a little lower @ the centerline, and the cross section shows there could be a puddle created.

A 30" RCP storm drain runs underneath the puddle so a fix would be to place a flush inlet over the pipe which would drain the puddle.

Let's discuss -

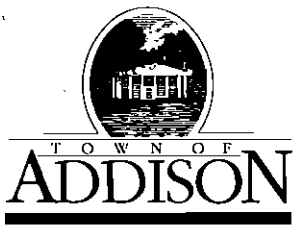
John

K.A. Craig 972-386-0137



**K. A. (CASEY) CRAIGO**

P. O. BOX 1117 • ADDISON, TX 75001 • 214-388-0137



**Public Works / Engineering**

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

Telephone: (214) 450-2871 • Fax: (214) 931-6643

# LETTER OF TRANSMITTAL

DATE	12-23-98	JOB NO.
ATTENTION		
RE:	Westside TAXI way	

TO Tex Schmidt

**GENTLEMAN:**

**WE ARE SENDING YOU**

- Attached
- Under separate cover via \_\_\_\_\_ the following items:
- Shop Drawings
- Prints
- Plans
- Samples
- Specifications
- Copy of letter
- Change order
- \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1			12-21-98 Letter from Kurt Horn re Claims

**THESE ARE TRANSMITTED as checked below:**

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE \_\_\_\_\_ 19\_\_\_\_
- Approved as submitted
- Approved as noted
- Returned for corrections
- \_\_\_\_\_
- Resubmit \_\_\_\_\_ copies for approval
- Submit \_\_\_\_\_ copies for distribution
- Return \_\_\_\_\_ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS Please review & lets discuss

COPY TO \_\_\_\_\_

SIGNED: Jim Prew

If enclosures are not as noted, please notify us at once.



Rec'd 12-22-98

December 21, 1998

Mr. James Pierce  
Town of Addison  
P.O. Box 144  
Addison, Texas 75001

Dear Jim:

We understand that H. B. Zachry is about to finish their job at the Airport and is seeking reimbursement for two different items. The work stoppage at the start of the project and Zachry's failed attempt to restart the lighting system November 20<sup>th</sup>, 1998 are the two items I understand they are seeking reimbursement for.

First, the work stoppage in May, was the result of Zachry leaving a taxiway in a condition that was impassable by even aircraft under tow. The taxiway millings had been left in place and aircraft under tow were skidding because of chunks of asphalt wedging underneath the tires. Clearly, the April 3<sup>rd</sup>, 1998 minutes states on page 3, the second line, "*The Contractor will maintain a clean, active taxiway.*" Ms. Leslie Sager, with Greiner was concerned because we stopped the construction, however, neither Zachry nor Greiner are professional airport managers. In their unqualified opinion, the potential damage was not an imminent threat to personal safety. We disagree with the whole premise. It is our responsibility to protect both *the people* and *their property* while on-airport and we did. Clearly, the aircraft landing gear under tow could have collapsed and cost far in excess of the \$3,000 loss time estimate submitted by Zachry. We were not only doing what we are tasked with through our Operating Agreement with the Town but what the minutes clearly state as a **SAFETY ISSUE**. It is also worth noting the next day, all the spoils from the milled taxiway were moved so that safe passage could once again take place. Greiner's decision to call our judgment into question has led to this submittal from Zachry and is both offensive and a demonstration of Greiner's poor handling of the issue as the project administrators.

Secondly, we made it clear at the start of the project that the lighting system was fully operational and that Zachry would be responsible for any and all maintenance to the lighting system throughout the duration of the project and it was again reflected in the June 11<sup>th</sup>, 1998 minutes. There was a system inspection with Skip Norton to demonstrate the system was operational with Zane Ryan of AATI. On the evening of Friday, November 20<sup>th</sup>, my staff received a phone call from Alvin DeVane around

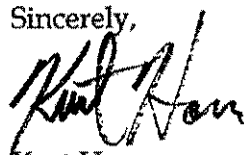
Mr. James Pierce  
December 21, 1998  
Page 2

5:45 PM stating that the lighting system was not operational and they wanted to know whether to continue aircraft operations with no lighting. The Airport was in fact shut down at approximately 6:15 PM because of the lack of lights. After contacting Jim Gardner, he stated the lights at the south end of the Airport had been down all day and that his guys could not get them all working again. Jim Gardner *never* notified us of the problem he was having with the lighting system. He stated his guys could not resolve the outage and that he was going to pull his men off the job for the night. We promptly called Walker Engineering, Inc., our airport lighting professionals. Walker came out, identified the problem and corrected it. Attached is the bill for their services. We are requesting that the Town pay this bill and collect from Zachry per the agreement. Additionally, we would like to see Zachry held accountable for the liquidated damages as specified in the Addison Airport Construct West Taxiway and Connectors Contract, Sec. 9.0 Liquidated Damages, Para. 9.2, the third paragraph. The Airport was closed because of the lighting situation from 6:15 PM until 6:30 AM which is twelve hours and fifteen minutes. The damages, as I understand them to be, are \$9,750 in liquidated damages plus the Walker Engineering bill for the repair of \$1,578.29.

Of the three FAA funded Airport Improvement Projects at Addison Airport, this by far has been the most difficult when it should have been the easiest. My frustration has not only been with the construction contractor but with the project administrators who have repeatedly defended construction concerns over the operational necessities of the Airport.

If you have any questions concerning this letter please contact me at (972) 248-7733, ext. 104.

Sincerely,



Kurt Horn  
Assistant Airport Manager  
Addison Airport of Texas, Inc.

cc: John Baumgartner, TOA  
Jim Gardner, H.B. Zachry



Contract time for the project is 180 calendar days. The Contract time shall run concurrently with other related contracts. The Contractor is responsible for coordination of work with other contractors or subcontractors.

## **9.0 LIQUIDATED DAMAGES**

- 9.1 The Bidder hereby agrees to commence work under this contract on or before a date to be specified in written "Notice to Proceed" by the Owner and to fully complete project within 180 calendar days thereafter. The Bidder further agrees to pay as Liquidated Damages the sum of \$750.00 for each consecutive calendar day thereafter.
- 9.2 The Bidder hereby agrees that daily operation of the Airport shall be maintained, except for a two scheduled weekend closures for construction within the runway safety area. The Bidder further agrees that all construction activities and cleanup within the runway safety area shall be completed prior to re-opening the runway at 6:00 a.m. on the Monday following the weekend closures. The runway shall only be re-opened upon inspection and acceptance by a duly authorized representative from the Town of Addison.

The Bidder hereby agrees to pay as Liquidated Damages the sum of \$750.00 per hour or portion thereof, the runway remains closed beyond 6:00 a.m. due to non-acceptance by the representative of the Town of Addison.

The Bidder further agrees to pay as Liquidated Damages the sum of \$750.00 per hour or portion thereof, the runway remains closed due to construction activity at times other than the weekend closure.

## **10.0 PARTIAL PAYMENTS**

- 10.1 Payment shall be made within thirty days of receipt of statement outlining work completed to date. The amount paid shall be the total amount of the approved statement, less five percent (5%) of the amount, which five percent (5%) shall be retained until final payment.

## **11.0 FINAL PAYMENT**

- 11.1 Upon the issuance of the Certificate of completion, the Contractor shall proceed to make final measurements and prepare final statement of the value of all work performed and materials furnished under the terms of the Agreement and shall certify same to the Owner, who shall pay to the Contractor by the 30th day, after the date of the Certificate of Completion, the balance due the Contractor under the terms of this Agreement, provided he has fully performed his contractual obligations under the terms of this contract; and said payment shall become due in any event upon said performance by the Contractor. Neither the Certificate of Acceptance nor the final payment, nor any provisions in the Contract Documents, shall relieve the Contractor of the obligation for fulfillment of any warranty which may be required.

## **12.0 INSURANCE REQUIREMENTS**

- 12.1 Contractor's Liability Insurance Requirements. The bidder shall provide with the Proposal a listing of both automobile and personal liability insurance coverage currently in force, along with a copy of a Certificate of Insurance as verification of that coverage. In addition, the bidder shall provide a statement of premium cost issued by the agent or insurance carrier for that coverage.

**ADDISON AIRPORT**

*Construct West Side Taxiway and Drainage Improvements*  
Pre-Construction Conference Meeting Minutes - April 3, 1998

Page 3

Safety Issues

The phasing of the construction was discussed in relation to maintaining access for aircraft located on the west side of the airport. The Contractor will maintain a clean, active taxiway. Other means for access to the construction site were discussed to limit the interaction between construction vehicles and the active taxiway.

Control of contractor traffic was discussed, and elimination of incursions from persons unfamiliar with airport operations was emphasized. The Contractor committed to employing measures to control traffic through the construction access gates and onto the site.

Special Issues

As Addison Airport has a single runway, any closure of the runway, even the two weekend closure as allowed in the bid documents, is unfavorable to the airport management and users. Jim Gardner agreed to work with URS Greiner to try to develop alternate means and methods (pavement sections or temporary construction) to limit closure as much as possible, including nighttime construction operations between 9 p.m. and 6 a.m. The Town of Addison agreed to consider a change order regarding the compressed runway closure time.

Construction of the taxiway tie-ins to the runway are the main catalyst for runway closure. Drop-offs greater than 3 inches will not be permitted within the runway safety area (200 feet from centerline) of an active runway. In order to re-open the runway, electrical trenches will be required to be backfilled or otherwise covered so as not to pose a hazard. Completion of the light units themselves will not necessarily be required during the weekend/nighttime closure of the runway for pavement operations, but may be completed during additional nighttime closures as necessary.

The Glide Slope will be affected and turned off during Phases 2 and 3 due to contractor operations potentially causing a shadow effect on the ILS. The Localizer will be affected and turned off during the displacement of the threshold during Phase 3 (45 days maximum).

cc: Attendance list

578024.81  
P:\DOCS\PRECON\PRECON.MIN



***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***

**Construction Progress Meeting Minutes --June 11, 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)-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.



# WALKER ENGINEERING, INC.

Electrical Contractors

10999 Petal • Dallas, Texas 75238-2424  
214-860-4600

## INVOICE

<b>No.</b>	023075	<b>DATE OF WORK</b>		<b>CUST. ORDER NO.</b>	
<b>INVOICE DATE</b>	12/04/98	<b>JWO</b>	SO24152	<b>DATE DUE</b>	12/04/98

SOLD TO: 3018

JOB # Service JOB NAME AND LOCATION

ADDISON AIRPORT OF TEXAS  
4505 CLAIR SHENNAULT  
DALLAS, TX 75248

ADDISON AIRPORT OF TEXAS  
4505 CLAIR SHENNAULT  
EMERGENCY 11/20/98  
DALLAS, TX 75248

QUANTITY	DESCRIPTION			AMOUNT
EMERGENCY CALL 11/20/98 FRIDAY. TROUBLESHOOT AND REPAIR LIGHTING AS PER ZANE. INSTALL TEMPORARY WIRING AS NECESSARY.				
11/26/98	RH 10.00	OH	DH S D STONE	36.00 540.00
11/26/98	RH 9.00	OH	DH D L WOLFE	36.00 486.00
11/26/98	RH 8.00	OH	DH D L WYLIE	36.00 432.00
Total Labor				1458.00
8.25% DALLAS SALES TAX				on 1458.00 120.29
Invoice Total				1,578.29

Note: Payments due and payable in Dallas, TX. Invoices not paid within 30 days are subject to 1½% monthly service charge and credit hold.

TOTAL SALES	TAXABLE SALES	TAX AMOUNT	SHIPPING CHARGE	<b>PLEASE PAY THIS AMOUNT</b>	
1,458.00	1,458.00	120.29			1,578.29



# WALKER ENGINEERING, INC.

Electrical Contractors

Job No. ~~228~~ SD24158 Job Name: Addison Airport of Texas  
6505 Clair Shannault  
 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
	11/20						

ID No.	Employee Name	Codes	Date		Fri.		Sat/Sun		Mon.		Tue		Wed.		Thurs.		Total	
			RT	OT	RT	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														2	27

**Work Accomplished This Week**

Fri.: Trouble shoot and Repair light on Run way WHO Found Bad wire Under Ground was the problem to get light

Sat./Sun. was they need to replace wire from the light to the other.

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

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

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

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

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

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

**TRANSMITTAL**

**URS Greiner Woodward Clyde**

4100 AMON CARTER BOULEVARD, SUITE 108  
FORT WORTH, TEXAS 76155

DATE: January 28, 1999

TEL: (817) 545-0891 ■ FAX: (817) 545-0534

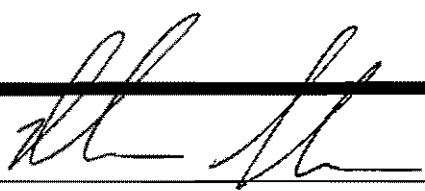
TO: Jim Pierce, Jr., P.E.  
FIRM: Town of Addison  
ADDRESS: 16801 Westgrove Drive  
Addison, TX 75001

FROM: Tex Schmidt  
SUBJECT: Addison Airport  
West Taxiway and Connectors  
CC:

We are sending you the following:

NO.	DESCRIPTION
1	Record Drawings (Mylars)
2	Pay Request No. 7

MEMO:

Signed: 

ADDISON AIRPORT WEST TAXIWAY AND CONNECTORS  
PUNCH LIST  
TXDOT CSJ NO. 9248 ADDSN  
URS GREINER PROJECT NO. E708024.82  
DECEMBER 1, 1998

- ✓ 1) Complete striping. Water blasting not sufficient along some edges.
- ✓ 2) Provide silt fences around new inlets.
- ✓ 3) Regrade shoulder to provide 1-1/2" drop.
- ✓ 4) Install reference marks for ILS on Taxiway C
- ✓ 5) Install grates on inlets
- ✓ 6) Flush mounted runway light at T/W C needs to be rotated 180°
- 2, ✓ 7) Regrade around inlet F-4 to provide proper drainage
- ✓ 8) Remove large rocks from infield areas
- ✓ 9) Repair wheel ruts
- 2, ✓ 10) Fill all core holes
- ✓ Seal Joints of Ramp -

1/28/99 - Rock Dam ??  
Shack removal  
Remove pipe & barrels

✓ 1/22/99

Re Kurt's 12/21 letter

Have you submitted a \$3,000 claim  
to someone? — yes — has been submitted  
to Sam Stuart. Jim does not  
~~do you intend to?~~ Really expect  
to collect

What was the specific problem found  
with the lighting.

Went to 1000' mark — called tower <sup>Tower asked</sup>  
<sup>don't abandon the</sup>  
<sup>effort</sup>  
Zane showed up —  
Ran a jumper <sup>across the runway</sup> south lit up <sup>all good</sup>  
North did not light up <sup>on that end</sup>

When Walker showed up, HBZ explained situation  
and showed that all lights S of jumper worked.  
Walker agreed. HBZ personnel then left

Deann: Steve Stone's pager# (Walker Engr)  
972-321-0416 ←





# WALKER ENGINEERING, INC.

Electrical Contractors

10999 Petal • Dallas, Texas 75238-2424  
214-860-4600

## INVOICE

<b>No.</b>	023075	<b>DATE OF WORK</b>		<b>CUST. ORDER NO.</b>	
<b>INVOICE DATE</b>	12/04/98	<b>JWO</b>	S024152	<b>DATE DUE</b>	12/04/98

SOLD TO: 3018

JOB # Service JOB NAME AND LOCATION

ADDISON AIRPORT OF TEXAS  
4505 CLAIR SHENNAULT  
DALLAS, TX 75248

ADDISON AIRPORT OF TEXAS  
4505 CLAIR SHENNAULT  
EMERGENCY 11/20/98  
DALLAS, TX 75248

QUANTITY	DESCRIPTION			AMOUNT
EMERGENCY CALL 11/20/98 FRIDAY. TROUBLESHOOT AND REPAIR LIGHTING AS PER ZANE. INSTALL TEMPORARY WIRING AS NECESSARY.				
11/26/98	RH 10.00	OH	DH S D STONE	36.00 540.00
11/26/98	RH 9.00	OH	DH D L WOLFE	36.00 486.00
11/26/98	RH 8.00	OH	DH D L WYLIE	36.00 432.00
Total Labor				1458.00
8.25% DALLAS SALES TAX				on 1458.00 120.29
Invoice Total				1,578.29

Note: Payments due and payable in Dallas, TX. Invoices not paid within 30 days are subject to 1½% monthly service charge and credit hold.

TOTAL SALES	TAXABLE SALES	TAX AMOUNT	SHIPPING CHARGE	<b>PLEASE PAY THIS AMOUNT</b>	
1,458.00	1,458.00	120.29			1,578.29



# WALKER ENGINEERING, INC.

Electrical Contractors

Job No. SO24152 Job Name: Addison Airport of Texas  
 Unit No. 224 6505 Clear Structure

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

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

Job Status:  Complete

Overtime Approval by P.M.: \_\_\_\_\_

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

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 we found  
Bad wire under ground in Run way 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 Wood Customer Signature: \_\_\_\_\_

**MEMORANDUM**

January 22, 1999

To: John R. Baumgartner, P.E.  
Director of Public Works

From: Jim Pierce, P.E.  
Assistant City Engineer



Re: Addison Airport Emergency Electrical Repair

I met with Jim Gardner and George James today to discuss the Walker Engineering Inc. Invoice for \$1,578.29 for the emergency work on 11/20/98 (copy attached).

HB Zachry was working on the taxiway lights that day, making final tie-ins to lights and signs. When the work was complete, power was turned on and the taxiway lights and signs came on. The runway lights came on, but then went off.

HB Zachry proceeded to try to find the problem, testing one light at a time, working northward. They went to about 1000' from the north end of the runway, well north of their area of work, but could not find the problem. They then ran a "jumper wire" across the runway, and all runway lights south of the jumper came on. HB Zachry believed they proved the problem was not in their area of work. At this point, Zane Ryan was on hand, and the call was made for Walker Engineering. HB Zachry waited for Walker Engineering to arrive, showed them the jumpered situation and explained all the work they had done up to that point. HB Zachry then left the site.

Walker Engineering found the problem and their remarks describing their work follows:

"Troubleshoot and repair light on runway. We found bad wire underground. We by-pass problem to get light on. They need to replace wire from one light to the other."

I do not believe we can say that HB Zachry was the cause of failure of a bad wire.

Based on all of the above, I recommend that the Town pay the bill from Walker Engineering.



# WALKER ENGINEERING, INC.

Electrical Contractors

10999 Petal • Dallas, Texas 75238-2424  
214-860-4600

## INVOICE

<b>No.</b>	023075	<b>DATE OF WORK</b>		<b>CUST. ORDER NO.</b>	
<b>INVOICE DATE</b>	12/04/98	<b>JWO</b>	S024152	<b>DATE DUE</b>	12/04/98

SOLD TO: 3018

JOB # Service JOB NAME AND LOCATION

ADDISON AIRPORT OF TEXAS  
4505 CLAIR SHENNAULT  
DALLAS, TX 75248

ADDISON AIRPORT OF TEXAS  
4505 CLAIR SHENNAULT  
EMERGENCY 11/20/98  
DALLAS, TX 75248

QUANTITY	DESCRIPTION	AMOUNT
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11/26/98	RH 9.00 OH DH D L WOLFE	36.00 486.00
11/26/98	RH 8.00 OH DH D L WYLIE	36.00 432.00
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	Invoice Total	1,578.29

Note: Payments due and payable in Dallas, TX. Invoices not paid within 30 days are subject to 1½% monthly service charge and credit hold.

TOTAL SALES	TAXABLE SALES	TAX AMOUNT	SHIPPING CHARGE	<b>PLEASE PAY THIS AMOUNT</b>
1,458.00	1,458.00	120.29		1,578.29



# WALKER ENGINEERING, INC.

Electrical Contractors

Job No. ~~227~~ SD24158 Job Name: Addison AIRPORT OF TEXAS  
6535 Clear Shannett

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
	11/20						

ID No.	Employee Name	Codes	Date		Fri.		Sat/Sun		Mon.		Tue		Wed.		Thurs.		Total	
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Fri.: Trouble Shoot and Repair light on Run way. WRO Found Bad wire Under Ground was by wire problem to get light

Sat./Sun. was they need to replace wire from one light to the other.

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

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

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

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

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

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

Westside Tapway

Telecon from  
Kurt Horn

1/21/99

Needs  
to be  
removed

15 Drums of Sealer  
Flammable / Health Hazard  
Steel Pipe

N. of Tower out inside fence

1-22-99

★

George will take care of these items

Telephone from Kurt Horn: 1-4-99

Zachy was working on the lights with the system "hot".

Ask Julian about this —

Need to turn them on to find the short (work on hot system?)

Kurt thinks the lighting system does not have to be hot to find a short.

**FAX TRANSMITTAL**

**URS Greiner Woodward Clyde**

DATE: 1/6/99

4100 Amon Carter Boulevard  
Suite 108

PAGE 1 OF: 3

Fort Worth, Texas 76155-2602  
TEL: (817) 545-0891 ■ FAX: (817) 545-0534

TO: Jim Pierce

FROM: Leslie Sager

FIRM:

SUBJECT: Addison West Turnway

FAX NO:

CC:

MEMO:

Attached is information from Julian Wise regarding the Dec. 21 letter from Kurt Horn. If you would like to speak with Julian, his number is (903) 389-7404.

Leslie



To: URS Grainer, Inc. Engineers  
 Attn: Leslie Sager

Jan. 5, 1998

From: Wise Contractors Consultants, Inc.

Page 1

Comments on letter of December 21, 1998 (Kurt Horn to Jim Pierce).

First incident May 15, 1998. Attached are my notes in personal diary of the incident. I watched the 2 planes towed into Aviastar maintenance hangar. All went well, no trouble observed. Zachry was doing exactly what had been discussed earlier; mill the asphalt, roll it in place as a surface to tow aircraft, remove it later when the base course was to be removed. As it turned out it was softer than had been expected and the existing base course was actually a better surface, so millings were removed.

Zachry complied with Zone to stop operations and move equipment. Men were assigned to other activities outside the airport project.

2<sup>nd</sup> incident, November 20, 1998.

The lights were in fact down that afternoon because Skip was making final tie ins at hand holds to lights and signs inside safety zone. When power was turned on, taxiway lights came on and the signs on the power. Runway lights came on partially then went out. This is when Skip started working North on runway lights to find problem.

Page 2

When he found no problem coming from south end to the E (end of project) this may be when Jim Gardner said they were leaving. Airport maintenance asked Skip to help locate problem. Skip told me he would not leave until trouble located. I really have doubts Jim Gardner said his men were leaving.

Skip continued North along runway, checking at each light until to my understanding, found poor ground problem at around 1000 ft from North end of runway. Skip stayed on site until lights were restored @ 2:00 AM. I think he had found the problem when Walker Eng. got on site and stayed to help restore lights. We were all convinced this was a problem in the lighting completely outside the activities of the construction.

After reading Kurt's letter and reviewing my notes, I am wondering if we were on the same airport. Peoples on the West side all seemed very pleased with Zachry and the way things went during construction. I have no knowledge of past projects at Addison but thought this project went very well. If you need more information, let me know.

Thanks  
Julian White

**FAX TRANSMITTAL**

**URS Greiner Woodward Clyde**

DATE: 1/6/99

4100 Amon Carter Boulevard  
Suite 108

PAGE 1 OF: 3

Fort Worth, Texas 76155-2602  
TEL: (817) 545-0891 ■ FAX: (817) 545-0534

TO: Jim Pierce

FROM: Leslie Sugar

FIRM:

SUBJECT: Addison West Taxiway

FAX NO:

CC:

MEMO:

Please see attached letter.



**URS Greiner, Inc.**  
4100 Arnon Carter Boulevard, Suite 108  
Fort Worth, Texas 76155  
Telephone: (817) 545-0891  
Facsimile: (817) 545-0534  
*Offices in Principal Cities Nationwide*

January 6, 1999

Mr. James Pierce, P.E.  
Assistant City Engineer  
Town of Addison  
PO Box 144  
Addison, TX 75001

**Re: West Taxiway and Connectors with Drainage Improvements  
Addison Airport**

Dear Mr. Pierce:

We have reviewed the December 21, 1998 letter sent to you by Kurt Horn of AATI in regards to the West Taxiway construction project and we offer the following comments:

1) Claims

We were very surprised by Kurt Horn's assumption that H. B. Zachry intends to file claims for the work stoppage ordered by AATI on May 15, 1998 and also for work in relation to a runway lighting failure that occurred on November 20, 1998. To date H. B. Zachry has not filed any claims for these items. Based on recent discussions with H. B. Zachry personnel, we do not anticipate that any claims will be filed.

2) Work Stoppage on May 15, 1998

We do not concur with Mr. Horn's depiction of the work stoppage event that occurred at approximately 10 a. m. on May 15, 1998. At a 1:30 p.m. meeting that day it was determined that the primary cause for AATI's concern regarding the contractor's activities was due to the fact that they did not understand the contractor's work schedule, even though it had been discussed in Construction Progress Meeting No. 2, held on May 14, 1998. The contractor had constructed a temporary pavement tie-in to Driveway No. 10, serving Building No. 92, and aircraft were being towed to and from the hangar without incident. The contractor's activities and the aircraft towing were monitored by a full-time resident project representative with extensive airport construction experience. Although AATI personnel became concerned about the towing operation, it was determined that AATI could have contacted the FAA Tower and advised them to re-direct aircraft along a different route or cease the towing operation in lieu of instructing the contractor to stop work. We do not dispute AATI's authority or responsibility for the safe management and operation of Addison Airport. In this particular instance however, we believe less extreme measures were warranted.

3) Runway Lighting Failure

On November 20, 1998, the contractor had turned off the power to the runway and taxiway lighting system in order to make the final electrical connections at the handholds to the

taxiway lights and signage inside the safety area. After completing his work, the contractor turned on the power and the taxiway lights and signage came on. The runway lights came on partially and then went out. The contractor then proceeded with trying to determine the source of the problem. The contractor advised our full-time project representative that they would not leave until the problem was located. The contractor checked each runway light, proceeding north. At approximately 1000 feet from the north end of the runway, far away from the West Taxiway construction area, the problem was discovered and the contractor remained on-site working with Walker Engineering personnel until 2 a.m., at which time the lights were restored.

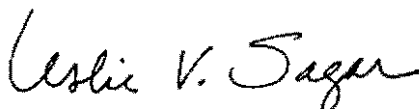
AATI contacted Walker Engineering and requested their services. At no time did AATI contact URS Greiner personnel to advise us of the runway lighting problem or to discuss the probable cause or responsibility for the runway lighting failure. It is possible that the runway lights may have been affected by the work associated with the taxiway lighting; however, it is equally probable that the runway lights could have failed in any event, regardless of the taxiway lighting work. Thus, it is difficult to discern whether the contractor should be held responsible for repair costs associated with the runway lights or for liquidated damages associated with the runway closure. It is our opinion that an assessment of liquidated damages would probably prompt the contractor to file a delay claim for the work stoppage on May 15, as well as for the lack of timely nighttime runway closures by AATI for work performed in the runway safety area. We do not believe a protracted claims dispute is in the best interests of the Town of Addison.

In order for any airport construction project to be successful, all parties involved must be willing to work together in a cooperative manner. Unfortunately, it was our observation that AATI was frequently absent or late to the Construction Progress Meetings, they did not coordinate with the tenants on the west side as they had agreed to do, they made last minute requests that work be performed at night which resulted in costly change orders to the Town of Addison, they have no written airport operating procedures, and most significantly, on several occasions they allowed aircraft to depart when the runway was officially closed and occupied by the contractor.

We appreciate the opportunity to provide the above comments. Please let us know if you need further clarification or assistance.

Sincerely,

**URS GREINER, INC.**



Leslie V. Sagar, P.E.  
Senior Project Manager

cc: John Baumgartner

# URS Greiner

URS Greiner, Inc.  
4100 Amon Carter Boulevard, Suite 108  
Fort Worth, Texas 76155  
Telephone: (817) 545-0891  
Facsimile: (817) 545-0534  
*Offices in Principal Cities Nationwide*

December 11, 1998

Mr. Jim Gardner  
H.B. Zachry  
P.O. Box 1004  
Addision, TX 75001-1004

RE: Addison Airport West Taxiway and Connectors  
Certificate of Substantial Completion  
TxDOT CSJ No. 9248 ADDSN  
URS Greiner Project No. E708024.82

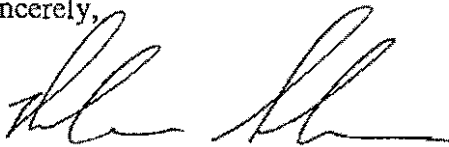
Dear Mr. Gardner:

On December 1, 1998, I performed a final inspection of the above referenced project. The project was found to be substantially complete. Attached is a list of deficient items that require correction prior to final payment. You have 30 days to complete the work.

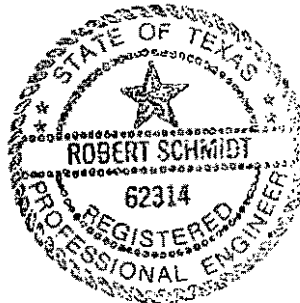
Please contact me when you have completed the items on the list and I will visit the site to verify their completion. I will require the usual close-out information, to include lien releases from H.B. Zachry and your major suppliers, an affidavit that all bills have been paid, warrantee bond, certified pay rolls, consent of surety, and a final pay request.

Please forward the requested information to me as soon as possible.

Sincerely,



Robert G. Schmidt, P.E.  
Senior Air Transportation Engineer



cc: Jim Pierce, Jr., P.E.

Attachment

ADDISON AIRPORT WEST TAXIWAY AND CONNECTORS  
PUNCH LIST  
TXDOT CSJ NO. 9248 ADDSN  
URS GREINER PROJECT NO. E708024.82  
DECEMBER 1, 1998

- 1) Complete striping. Water blasting not sufficient along some edges.
- 2) Provide silt fences around new inlets.
- 3) Regrade shoulder to provide 1-1/2" drop.
- 4) Install reference marks for ILS on Taxiway C
- 5) Install grates on inlets
- 6) Flush mounted runway light at T/W C needs to be rotated 180°
- 7) Regrade around inlet F-4 to provide proper drainage
- 8) Remove large rocks from infield areas
- 9) Repair wheel ruts
- 10) Fill all core holes

**Jim Pierce**

**From:** Jim Pierce  
**Sent:** Monday, December 07, 1998 8:23 AM  
**To:** John Baumgartner  
**Subject:** Airport

As part of the Westside Project, URS Greiner will update the Airport Layout Plan and correct the Glideslope Critical Area designations. Jim.



# Westside Final Inspection

11-30-98

- \* Rock Pickups
- \* Drainage — Standing water N. do TX C"  
" " N B TX E
- ✓ Lighting
- \* Change Order — Sign move  
Night Work
- \* Core Hole repair too high
- ✓ Storm Drains Clean
- \* ~~Storm~~ Ballast to be placed
- ✓ Sealing
- \* Water Blasting Tues —
- \* Striping Tues and/or Wed Should finish  
Needs some blast & clean 1 day before painting
- \* Signage 1 ILS Sign on Order ready to  
be plugged in
- ✓ As-Builts
- Jahin's work complete Thurs/striping
- \* Pick up barricades
- \* Excess drop-off spots to be repaired
- \* Rutted areas N B Taxiway F.

# Westside Taxiway Inspection

John, Kurt, Jeff.

12-1-98

- Taxiway C Flush w/rd runway edge  
turn 180°
- Grass Growth
- Rocks
- Road/inlet transition
- Drop-offs
- Steel Landing Mats - airport will use

tex\_schmidt@JEScorp.com

**Jim Pierce**

**From:** Jim Pierce  
**Sent:** Friday, November 20, 1998 3:02 PM  
**To:** 'Kurt Horn (E-mail)'  
**Cc:** John Baumgartner  
**Subject:** Steel Landing Mats

We have quite a few steel interlocking landing mats the were removed and replaced with a driveway. They are stacked up next to the fence. Please advise disposition. Thanks, Jim.

12-1-98

Kurt Horn said the mats could be put to good use by ATTI and they will take possession of same

J.P.



**URS Greiner, Inc.**  
4100 Amon Carter Boulevard, Suite 108  
Fort Worth, Texas 76155  
Telephone: (817) 545-0891  
Facsimile: (817) 545-0534  
*Offices in Principal Cities Nationwide*

November 19, 1998

Mr. James Pierce, P.E.  
Assistant City Engineer  
Town of Addison  
PO Box 144  
Addison, TX 75001

**Re: West Taxiway and Connectors with Drainage Improvements  
Addison Airport**

Dear Mr. Pierce:

The purpose of this letter is to confirm our recent telephone discussions regarding the locations of the Instrument Landing System (ILS) signs included in the West Taxiway construction project. The ILS sign locations were determined based on the Glide Slope Antenna Critical Areas depicted on the Airport Layout Plan (ALP) dated June 1997 which was prepared by Barnard Dunkelberg. The June 1997 ALP was also included in the construction drawings when the West Taxiway project was advertised for bidding in December 1997.

After receiving comments from Kurt Horn of AATI that the FAA Airways and Facilities staff located at Addison Airport had concerns regarding the ILS sign locations, we began investigating the comments. We first learned that a later version of the ALP had been prepared by Barnard Dunkelberg in November 1997, and we understand that this later version of the ALP was ultimately approved by the FAA Southwest Region. Thinking that perhaps the Glide Slope Critical Areas had changed between the June 1997 and November 1997 versions of the ALP, we obtained a copy of the November 1997 ALP and made a comparative review. We found the Glide Slope Critical Areas to be of the same dimension and in the same locations on both ALP's.

We then made a careful review of the Glide Slope Critical Area dimensions depicted on the both ALP's and determined that they did not conform to the standard location/dimensions for Glide Slope Critical Areas presented in Chapter 6 of the FAA Advisory Circular on Airport Design, AC 150/5300-13. We contacted Mr. Curtis Gray at the FAA Airway and Facilities Field Office at Addison Airport and he provided us a copy of selected pages from FAA Order 6750.16B Change 2, dated May 26, 1989, which provided us with the specific dimensions for both Glide Slope Critical Areas at Addison Airport.

At your request and as a professional courtesy, I contacted Ryk Dunkelberg of Barnard Dunkelberg and advised him of the disparity regarding the dimensions of the Glide Slope Critical Areas on the June 1997 and November 1997 ALP's. I subsequently faxed him the information we had received from FAA Airways and Facilities. I recommend that the Town of Addison contact Barnard Dunkelberg to request a correction of the ALP and re-submittal to FAA Southwest Region.

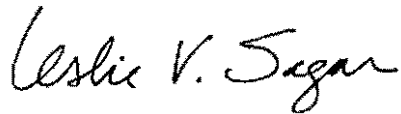
In the meantime, we have determined that only one ILS sign will need to be relocated. We have advised Mr. Jim Gardner of H. B. Zachry that the ILS sign located at Station 226+79 on Taxiway B will need to be relocated to Station 218+00. He plans to coordinate with his electrician tomorrow and will get back to us regarding any cost/schedule implications.

We believe that the ILS sign at Station 205+81 (adjacent to Taxiway C) can remain in place since we understand that the aircraft which are stored in the hangars south of Taxiway C are small aircraft (less than 60 ft. in length and less than 20 ft. in height). Zane Ryan of AATI has indicated that the aircraft are all small aircraft in that area, but he is going to confirm it and let us know if we are incorrect in this assumption.

I will keep you informed of any further developments. Please let me know if you have any questions regarding this matter or if we can be of further assistance.

Sincerely,

**URS GREINER, INC.**



Leslie Sagar, P.E.  
Project Manager

cc John Baumgartner ✓

Tellur with Leslie Sagar

11-18-98

ILS - Leslie called  
RYK D.

Ryk called back Leslie - they used a  
"Generic glide slope box" and had no  
idea of its proper (or exact) location.  
We have 2 antennas  
Both "capture effect" antennas

Leslie suggested he correct the ALP - He  
didn't seem too enthusiastic. We may  
have to take that up with him

One sign will have to be moved. Leslie  
will coordinate.

Leslie has been in contact Airway Facilities  
(FAA navigation aids people)

Leslie has been talking to  
Curtis Grey & Darrell Barnell, to  
confirm what we are now doing  
is correct.

11-12-98  
2:10 PM

Nov 97 ALP

Both critical areas  
are the same as our plan  
called Kurt { How come vehicles are allowed in one  
part of the critical area and not  
another part? }

"Airways facilities" (FAA Division)  
(Maintain Nav. equip)

Vehicles in one  
part and not in another area?

Short ans.

Master plan glide slope area  
is depicted wrong on the ALP  
Length should be 1300' not  
2100'

Now we know what the dimensions are  
supposed to be

Will have to move <sup>at least</sup> one sign -  
Leslie will call Ryk Dunkleberg and alert him.

Telcom -

11-11-98

Kurt Horn - Special Striping for ILS  
Critical areas is wrong

Tower also thinks the ILS is marked wrong

Leslie: Tex checked, all OK!

cut has a Different ALP ??

Everywhere except

Localizer Critical Area

400' on Runway E

ILS Sign is in correct position

GS Critical Area

Both pieces make up the ILS

Jim Telcom to

Barnard Dunkelberg: (James) Airport layout  
plan is dated Nov '97 (latest)

11-12-97 - Leslie has rec'd Nov 97 ALP and will plot  
AM out. Apparently there are differences reflected on  
the 11/97 plan. Leslie will get back to me.



ADDISON AIRPORT

CONSTRUCT WEST TAXIWAY AND CONNECTORS WITH DRAINAGE IMPROVEMENTS  
(SOUTH SEGMENT)  
TXDOT PROJECT NO. 9248 ADDSN

CONSTRUCTION PROGRESS MEETING NO. 22  
NOVEMBER 5, 1998  
AGENDA

- ✓ 1. Distribution of Meeting Minutes from October 1, 1998 meeting
- ✓ 2. Comments on Draft Meeting Minutes from October 8, 1998 and October 22, 1998 meetings
- ✓ 3. Contractor's Quality Control Program and Testing Plan
4. Project Schedule
  - a) 2-Week Schedule
  - b) Detailed Night Work Schedule
5. Construction / Shop Drawing Submittals by Contractor — *Paint & Beads.*
6. Requests for Information (RFI's)
7. Coordination with FAA Tower
8. Status of Change Order No.3
9. Concrete Shrinkage Cracks
10. Other Items
11. Next Meeting Date

*Striping to be finished  
after Thanksgiving*

*Final Inspection — @ job completion*

*Zane questioned the reason for  
the ILS sign location —  
he & @. Curt think it is in  
the wrong location*

# **URS Greiner**

Project No. E708024.82

***ADDISON AIRPORT  
Construct West Side Taxiway and Drainage Improvements  
Construction Progress Meeting No. 21***

***Draft Minutes of Meeting  
October 22, 1998***

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the October 1, 1998 Meeting  
Tex Schmidt will distribute the meeting minutes on November 4, 1998
2. Comments on Draft Meeting Minutes from the October 8, 1998 Meetings  
Tex Schmidt will provide draft meeting minutes on November 4, 1998
3. Contractor's Quality Control Program and Testing Plan  
No problems reported.
4. Project Schedule  
Majed distributed copies of the 2-week look-ahead. Phase 3 paving to start Monday. Night closures to be on 11/3 thru 11/5.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
No RFIs are currently outstanding.
7. Coordination with FAA Tower  
FAA ATCT was not represented at the meeting. No problems reported.
8. Other  
Jim Pierce asked Jim Gardner to provide details for change order costs.
9. Next Meeting  
The next meeting will be on November 4, 1998 at 8:30 am in the Addison Service Center.

Addison Airport  
Sign - In

10-22-98

<u>Name</u>	<u>Organization</u>	
Tex Schmidt	URS Greiner	
GEORGE JAMES	HBZ	972-267-0430
Julian Wise	Wise Contr. Consult. Inc	972-824-0609
JIM GARDNER	HBZ	972-267-0430
Jim Pierce	Addison	
Majed Gimann	HBZ	267-0430
KURT HORN	Addison	267-7733

# URS Greiner

Project No. E708024.82

**ADDISON AIRPORT**  
**Construct West Side Taxiway and Drainage Improvements**  
**Construction Progress Meeting No. 20**

**Draft Minutes of Meeting**  
**October 8, 1998**

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the September 17, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the October 1, 1998 Meetings  
There were no comments on the draft meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
Tex Schmidt told group that 28-day breaks were starting to come in for Phase 2 concrete. One low break so far. The 28-day break was lower than the 7-day break. Julian Wise reported that a set of beams were moved prematurely. The low break was attributed to the beams being moved.
4. Project Schedule  
Majed distributed copies of the 2-week look-ahead. Paving within 200' of R/W centerline to be completed next week. Night closures to take place 11/3 thru 11/5. HBZ continues to report incidents of aircraft rolling through the relocated threshold. Kurt Horn has discussed with tenants and will report violations to FAA.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
No RFIs are currently outstanding.
7. Coordination with FAA Tower  
FAA ATCT was not represented at the meeting.
8. Other  
Jim Pierce asked Jim Gardner to provide details for change order costs.
9. Next Meeting  
The next meeting will be on October 22, 1998 at 8:30 am in 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, October 8, 1998  
8:30 a.m.

	NAME	ORGANIZATION	TELEPHONE	FAX
1	Majed Linggarn	H.B. Zachry Co.	(972) 957-0430	267-0435
2	Jim Fucci	Addison	972-450-2879	- 2834
3	Jim CASARONE	H. B. Zachry Co.	972-267-0430	267-0435
4	Kurt Horn	HATI	748-7733	248-2416
5	CURTIS GRAY	FAA	972-490-4750	-
6	Julian Wise	Wise Contr. Consultants Inc.	972 824 0609	
7	GEORGE JAMES	H.B.Z.	972 - 2670430	
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

***ADDISON AIRPORT  
Construct West Side Taxiway and Drainage Improvements  
Construction Progress Meeting No. 19***

***Minutes of Meeting  
October 1, 1998***

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the August 20, 1998 and September 3, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the September 17, 1998 Meetings  
There were no comments on the draft meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
Tex Schmidt provided Julian Wise with copies of test reports.
4. Project Schedule  
Majed distributed copies of the 2-week look-ahead. The Runway 33 threshold was relocated on Wednesday, September 30. Kurt Horn requested that remaining night closures be conducted consecutively with night time relocated threshold.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
Tex Schmidt distributed an updated RFI log. No RFIs are currently outstanding.
7. Coordination with FAA Tower  
FAA ATCT was not represented at the meeting. Tower personnel on duty the night of September 30 or the morning of October 1 were not aware of plans to relocate threshold. An incident occurred approximately 6:00 am October 1 when a business jet, owned by an airport tenant, over-ran the relocated threshold despite notification from AATI, NOTAMs, ATIS broadcast, markings, and threshold lights. Kurt Horn has the tail number and has been communicating with business owner. He is considering contacting FAA FSDO. HBZ will now place barricades on runway pavement each night. Barricades will be placed with at least 50 feet between them to allow an over-running aircraft to pass between them.
8. Other  
Jim Gardner will provide cost for additional night work. Jim Pierce asked Jim Gardner to provide justification for costs.
9. Next Meeting  
The next meeting will be on October 8, 1998 at 8:30 am in the Addison Service Center.

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998												1999											
							JUN		JUL		AUG		SEP		OCT		NOV		DEC		J									
							15	22	29	5	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23
DDX1	Erosion Control / Barricades	83	11	14MAY98A	10NOV98	5	Erosion Control / Barricades																							
DDK2	Electrical Conduits Phase II	100	8	26AUG98A	23OCT98A		Electrical Conduits Phase II																							
DDC3	Milling Phase III	100	2	25SEP98A	29SEP98A		Milling Phase III																							
MILE4	End of Phase 2	100	0		24SEP98A		End of Phase 2																							
MILE5	Begin Phase 3	100	0	25SEP98A			Begin Phase 3																							
DDD3	Excavate & Haul Phase III	100	3	30SEP98A	07OCT98A		Excavate & Haul Phase III																							
THRS	Relocate Threshold	100	1	30SEP98A	30SEP98A		Relocate Threshold																							
DDP21	Excavate Txy C @ Night	100	1	01OCT98A	01OCT98A		Excavate Txy C @ Night																							
DDP22	Asphalt Txy C @ Night, First Lift	100	1	01OCT98A	01OCT98A		Asphalt Txy C @ Night, First Lift																							
DDP23	Asphalt Txy C @ Night, Second Lift	100	1	06OCT98A	07OCT98A		Asphalt Txy C @ Night, Second Lift																							
DDP24	Paving Txy C @ Night, Pour 1	100	1	07OCT98A	08OCT98A		Paving Txy C @ Night, Pour 1																							
DDD7	Prep. Subgrade Phase III	100	2	08OCT98A	12OCT98A		Prep. Subgrade Phase III																							
DDP25	Paving Txy C @ Night, Pour 2	100	1	08OCT98A	09OCT98A		Paving Txy C @ Night, Pour 2																							
DDK3	Electrical Conduits Phase III	76	8	09OCT98A	10NOV98	3	Electrical Conduits Phase III																							
DDP26	Paving Txy C @ Night, Pour 3	100	1	11OCT98A	12OCT98A		Paving Txy C @ Night, Pour 3																							
DDF3	Lime Phase III	100	4	12OCT98A	13OCT98A		Lime Phase III																							
DDP27	Paving Txy C @ Night, Pour 4	100	1	13OCT98A	14OCT98A		Paving Txy C @ Night, Pour 4																							
DDG3	Crushed Aggr. Base Course Phase III	100	6	14OCT98A	23OCT98A		Crushed Aggr. Base Course Phase III																							
THRSR	Relocate Threshold back to Original Location	100	1	14OCT98A	14OCT98A		Relocate Threshold back to Original Location																							
DDH3	Concrete Paving Txy B Phase III	100	10	28OCT98A	02NOV98A		Concrete Paving Txy B Phase III																							
DDK5	Electrical Light, Signage Phase II	90	5	29OCT98A	09NOV98	6	Electrical Light, Signage Phase II																							
DDXNI	Night Closure: Electrical, Sealing	100	3	03NOV98A	05NOV98A		Night Closure: Electrical, Sealing																							
DDJ4	Backfill for Slopes by Taxiways	50	2	03NOV98A	09NOV98	3	Backfill for Slopes by Taxiways																							
ASPH3	Asphalt Taxiway Accesses Phase III	100	1	03NOV98A	04NOV98A		Asphalt Taxiway Accesses Phase III																							
DDLJ	LJoint - Txy C/Runway	100	1	03NOV98A	04NOV98A		LJoint - Txy C/Runway																							
DDJ3	Markings Entire Job	5	4	04NOV98A	12NOV98	3	Markings Entire Job																							
DDH13	Repour Cracked Panels / Pavement	0	7	09NOV98	18NOV98	0	Repour Cracked Panels / Pavement																							
DDK6	Electrical Light, Signage, Phase III	0	3	09NOV98	11NOV98	4	Electrical Light, Signage, Phase III																							
DDJ5	Seeding/Grass Entire Job	0	4	11NOV98	17NOV98	1	Seeding/Grass Entire Job																							
MILE6	End of Phase 3	0	0		18NOV98	0	End of Phase 3																							

Project Start	06MAY98		Early Bar
Project Finish	18NOV98		Progress Bar
Data Date	05NOV98		Critical Activity
Run Date	05NOV98		

Addison Airport Taxiway  
Three Phases/ Two Weeks Look Ahead

Sheet 1 of 1  
*11-5-98*

# URS Greiner

URS Greiner, Inc.  
4100 Amon Carter Boulevard, Suite 108  
Fort Worth, Texas 76155  
Telephone: (817) 545-0891  
Facsimile: (817) 545-0534  
*Offices in Principal Cities Nationwide*

October 30, 1998

Jim Gardner  
H.B. Zachry  
P.O. Box 1004  
Addison, TX 75001-1004

RE: Addison Airport  
West Taxiway and Connectors  
URS Greiner Project E708024.82

Dear Mr. Gardner:

I have evaluated your request to repair the cracked concrete pavement on Taxiway B and must deny it. Based upon my visit to Dallas Love Field on October 27, 1998 to inspect a similarly repaired pavement, I have found that the proposed repair technique is less than satisfactory after approximately 2 years in service. There was evidence of continued movement in the cracked pavement and the propagation of small cracks and spalls near the cracks.

Please proceed with the removal and replacement of the unacceptable work.

Sincerely,



Robert G. Schmidt, P.E.  
Senior Air Transportation Engineer

cc: Jim Pierce, Jr., P.E.



DALLAS/FORT WORTH AIRPORT



8440 Freeport Parkway, Irving, TX 75063 (972) 929-8800, FAX (972) 929-6501

11-2-98

~~Part 3 side DBE Report~~

Change Order Status

Striping Issues

Concrete Repair Issues

- Night
- 3<sup>rd</sup> lay asphalt
- 4<sup>th</sup> Blast stripe
- 5<sup>th</sup> Do stripes

~~Other Contractors DBE Report~~





**H.B. ZACHRY COMPANY  
FACSIMILE COVER SHEET  
JOB 4508: 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

Date:

To: Jim Pierce

Company: TOWN ADDISON

Fax Number: 450-2834

Phone Number:

From: Jim CARONEN

Pages Sent: 4 (Including cover sheet)

Comments: I talked to TEX. He thinks  
this spec pertains to ASPHALT.

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

2/17/89

AC 150/5370-10J

ITEM P-620 RUNWAY AND TAXIWAY PAINTING

DESCRIPTION

620-1.1 This item shall consist of the painting of numbers, markings, and stripes on the surface of runways and taxiways applied in accordance with these specifications and at the locations shown on the plans, or as directed by the engineer.

MATERIALS

620-2.1 PAINT. Paint shall meet the requirements of Fed. Spec. [ ] [and TT-P-110].

\*\*\*\*\*

The Engineer shall designate either TT-P-1952 or TT-P-85. TT-P-1952 is a water emulsion base; TT-P-85 is an oil base paint. TT-P-110 is a black oil base paint and can be used to outline a border at least 6 inches (150 mm) wide around markings on concrete pavements.

\*\*\*\*\*

620-2.2 [REFLECTIVE MEDIA. Glass spheres shall meet the requirements of Fed. Spec. TT-B-1325, Type III, gradation A.]

\*\*\*\*\*

The addition of glass spheres to a painted area may cause a reduction in the friction characteristics of a wet pavement surface. Use of glass spheres is at the option of the Engineer and/or sponsor.

\*\*\*\*\*

CONSTRUCTION METHODS

620-3.1 WEATHER LIMITATIONS. The painting shall be performed only when the surface is dry, when the atmospheric temperature is above 45 F (7 C), and when the weather is not foggy or windy.

620-3.2 EQUIPMENT. All equipment for the work shall be approved by the engineer and shall include the apparatus necessary to properly clean the existing surface, a mechanical marking machine, and such auxiliary hand-painting equipment as may be necessary to satisfactorily complete the job.

The mechanical marker shall be an atomizing spray-type marking machine suitable for application of traffic paint. It shall produce an even and uniform film thickness at the required coverage and shall be designed so as to apply markings of uniform cross sections and clear-cut edges without running or spattering.

620-3.3 PREPARATION OF SURFACE. Immediately before application of the paint, the surface shall be dry and free from dirt, grease, oil, laitance, or other foreign material which would reduce the bond between the paint and the pavement. The area to be painted shall be cleaned by sweeping and blowing or by other methods as required to remove all dirt, laitance, and loose materials.

[Paint shall not be applied to portland cement concrete pavement until the concrete in the area to be painted is clean of curing material. Sandblasting or high pressure water shall be used to remove curing material from concrete surfaces.]

620-3.4 LAYOUT OF MARKINGS. On those sections of pavement where no previously applied marking are available to serve as a guide, the proposed markings shall be laid out in advance of the paint application.

620-3.5 APPLICATION. Markings shall be applied at the locations and to the dimensions and spacings shown on the plans. Paint shall not be applied until the layout and condition of the surface have been approved by the engineer.

The paint shall be mixed in accordance with the manufacturer's instructions and applied to the pavement with a marking machine at the rate of 100 to 110 square feet (9 to 10 square meters) per gallon (liter). The addition of thinner will not be permitted. A period of [ ] shall elapse between placement of a bituminous surface course or seal coat and application of the paint.

\*\*\*\*\*

The Engineer shall specify the time period. TT-P-1952 may be applied 24 hours after placement of the pavement. In order to allow adequate curing of the pavement surface and to prevent peeling and blistering of the paint, a 30-day period is recommended for TT-P-85. Lesser periods may be specified if necessary to open the pavement to traffic. In this instance the engineer may wish to specify temporary markings at 50 percent of the specified coverage and to repaint the markings after the asphalt has cured.

\*\*\*\*\*

The edges of the markings shall not vary from a straight line more than 1/2 inch (12 mm) in 50 feet (15 m), and the dimensions shall be within a tolerance of plus or minus 5 percent. [Glass spheres shall be distributed to the surface of the marked areas immediately after application of the paint. A dispenser shall be furnished which is properly designed for attachment to the marking machine and suitable for dispensing glass spheres. The spheres shall be applied at the rate of 10 pounds per gallon (1.2 kg per liter) of paint.]

The contractor shall furnish certified test reports for the materials shipped to the project. The reports shall not be interpreted as a basis for final acceptance. The contractor shall notify the engineer upon arrival of a shipment of paint to the job site. All emptied containers shall be returned to the paint storage area for checking by the engineer. The containers shall not be removed from the airport or destroyed until authorized by the engineer.

620-3.6 PROTECTION. After application of the paint, all markings shall be protected from damage until the paint is dry. All surfaces shall be protected from disfiguration by spatter, splashes, spillage, or drippings of paint.

METHOD OF MEASUREMENT

620-4.1 The quantity of runway and taxiway markings to be paid for shall be [the number of square feet (square meters) of painting] [one complete item in place] performed in accordance with the specifications and accepted by the engineer.

BASIS OF PAYMENT

Payment shall be made at the contract unit price per square foot (square meter) [contract lump sum] for runway and taxiway painting. This price shall be full compensation for furnishing all materials and for all labor, equipment, tools, and incidentals necessary to complete the item.

Payment will be made under:

Item P-620-5.1 Runway and Taxiway Painting-- [per square foot (square meter)] [lump sum

**MATERIAL REQUIREMENTS**

Fed.Spec. TT-P-85 Paint, Traffic, and Airfield Marking, Solvent Base

Fed.Spec. TT-P-1952 Paint, Traffic and Airfield Marking, Water Emulsion Base

Fed.Spec. TT-P-110 Paint, Traffic Black (Nonreflectorized)

Fed.Spec. TT-B-1325 Beads (Glass Spheres) Retroreflective

**END OF ITEM P-620**

---

ALK Project

10-22-98

- ✓ Maxum Invoice
- ✓ Shop Drawings
- ✓ Finishing
- ✓ AS-Builts

Westside

- ✓ Change Order — Jim will provide \$ backup
- ✓ Epoxy Sealing — Jim will ratchet up —

\*~~\*~~

Use marking to use up 10K to stripe  
the runway ??

Is 10K available from last years  
budget or this years budget. ??

Meeting 2 wks — Nov 5<sup>th</sup>

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998												1999																		
							JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN																							
DDX1	Erosion Control / Barricades	70	11	14MAY98A	26OCT98	9	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11
DDK2	Electrical Conduits Phase II	80	8	26AUG98A	23OCT98	10																															
DDC3	Milling Phase III	100	2	25SEP98A	29SEP98A																																
MILE4	End of Phase 2	100	0		24SEP98A																																
MILE5	Begin Phase 3	100	0	25SEP98A																																	
DDD3	Excavate & Haul Phase III	100	3	30SEP98A	07OCT98A																																
THRS	Relocate Threshold	100	1	30SEP98A	30SEP98A																																
DDP21	Excavate Txwy C @ Night	100	1	01OCT98A	01OCT98A																																
DDP22	Asphalt Txwy C @ Night, First Lift	100	1	01OCT98A	01OCT98A																																
DDP23	Asphalt Txwy C @ Night, Second Lift	100	1	06OCT98A	07OCT98A																																
DDP24	Paving Txwy C @ Night, Pour 1	100	1	07OCT98A	08OCT98A																																
DDD7	Prep. Subgrade Phase III	100	2	08OCT98A	12OCT98A																																
DDP25	Paving Txwy C @ Night, Pour 2	100	1	08OCT98A	09OCT98A																																
DDP26	Paving Txwy C @ Night, Pour 3	100	1	11OCT98A	12OCT98A																																
DDF3	Lime Phase III	100	4	12OCT98A	13OCT98A																																
DDK3	Electrical Conduits Phase III	35	8	09OCT98A	02NOV98	1																															
DDP27	Paving Txwy C @ Night, Pour 4	100	1	13OCT98A	14OCT98A																																
THRSR	Relocate Threshold back to Original Location	100	1	14OCT98A	14OCT98A																																
DDG3	Crushed Aggr. Base Course Phase III	60	6	14OCT98A	23OCT98	0																															
DDH3	Concrete Paving Txwy B Phase III	0	10	26OCT98	12NOV98	0																															
DDLJ	Joint - Txwy C/Runway	0	1	26OCT98	26OCT98	2																															
DDJ4	Backfill for Slopes by Taxiways	0	2	26OCT98	27OCT98	6																															
ASPH3	Asphalt Taxiway Accesses Phase III	0	1	27OCT98	27OCT98	2																															
DDK5	Electrical Light, Signage Phase II	0	5	02NOV98	10NOV98	2																															
DDK6	Electrical Light, Signage, Phase III	0	3	02NOV98	04NOV98	2																															
DDJ3	Markings Entire Job	0	4	03NOV98	10NOV98	2																															
DDJ5	Seeding/Grass Entire Job	0	4	03NOV98	10NOV98	2																															
DDXNI	Night Closure: Electrical, Sealing	0	3	09NOV98	11NOV98	1																															
MILE6	End of Phase 3	0	0		12NOV98	0																															

Phase II Electrical 50% complete  
 Night Closure Nov 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup>

Project Start	06MAY98	Early Bar
Project End	12NOV98	Progress Bar
Date of Issue	22OCT98	Critical Activity
Print Date	22OCT98	

10-23-98

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Tex Schmidt

From: James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2837

Company: VRS Greiner

FAX #: 1-817-545-0534

Date: 10-20-98

16801 Westgrove  
P.O. Box 9010  
Addison, TX 75001-9010

# of pages (including cover): 4

Re: Pavement Grinding

Original in mail

Per your request

FYI

Call me

Comments: \_\_\_\_\_

There is also the  
International Grooving & Grinding Assn.  
PO Box 1070  
Skyland, NC 28776  
→ 704-584-1989  
phone # may not be correct -  
from a stamp that was smeared.

Jim

P.S. Change Order Status?



## **Airport Construction Closure**

There will be a three night Airport closure commencing ***Tuesday, November 3<sup>rd</sup>***, through ***Thursday, November 5<sup>th</sup>***. Addison Airport will be closed from 10:00 PM to 6:30 AM to complete the final phase of construction.

Because you are unable to utilize Addison, we have arranged with ***Dallas Business Jet Center*** at Love Field to provide free ramp space\* for your aircraft during this month. They are located on the north east corner of Love Field at the intersection of Taxiway A & D and can be reached at (214) 353-8777.

If you have sub-tenants, please pass this notice on to them. If you have any questions or concerns contact Kurt Horn at (972) 248-7733, ext. 104.

\* Any fuel or hangar arrangements are between the aircraft operator and ***DBJC*** and are non-reimbursable expenses that will be borne solely by the aircraft operator who requests those services.

ADDISON AIRPORT

CONSTRUCT WEST TAXIWAY AND CONNECTORS WITH DRAINAGE IMPROVEMENTS  
(SOUTH SEGMENT)  
TXDOT PROJECT NO. 9248 ADDSN

CONSTRUCTION PROGRESS MEETING NO. 20  
OCTOBER 8, 1998  
AGENDA

1. Distribution of Meeting Minutes from September 17, 1998 meeting
2. Comments on Draft Meeting Minutes from October 1, 1998 meeting
3. Contractor's Quality Control Program and Testing Plan
4. Project Schedule
  - a) 2-Week Schedule
  - b) Detailed Night Work Schedule
5. Construction / Shop Drawing Submittals by Contractor
6. Requests for Information (RFI's)
7. Coordination with FAA Tower
8. Status of Change Order No.3 —
9. Concrete Shrinkage Cracks —
10. Other Items
11. Next Meeting Date

10/22  
J-W Operating Co.  
\$200 plane washing cost  
planes located in open

***ADDISON AIRPORT***  
***Construct West Side Taxiway and Drainage Improvements***  
***Construction Progress Meeting No. 19***

***Draft Minutes of Meeting***  
***October 1, 1998***

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**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the August 20, 1998 and September 3, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the September 17, 1998 Meetings  
There were no comments on the draft meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
Tex Schmidt provided Julian Wise with copies of test reports.
4. Project Schedule  
Majed distributed copies of the 2-week look-ahead. The Runway 33 threshold was relocated on Wednesday, September 30. Kurt Horn requested that remaining night closures be conducted consecutively with night time relocated threshold.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
Tex Schmidt distributed an updated RFI log. No RFIs are currently outstanding.
7. Coordination with FAA Tower  
FAA ATCT was not represented at the meeting. Tower personnel on duty the night of September 30 or the morning of October 1 were not aware of plans to relocate threshold. An incident occurred approximately 6:00 am October 1 when a business jet, owned by an airport tenant, over-ran the relocated threshold despite notification from AATI, NOTAMs, ATIS broadcast, markings, and threshold lights. Kurt Horn has the tail number and has been communicating with business owner. He is considering contacting FAA FSDO. HBZ will now place barricades on runway pavement each night. Barricades will be placed with at least 50 feet between them to allow an over-running aircraft to pass between them.
8. Other  
Jim Gardner will provide cost for additional night work. Jim Pierce asked Jim Gardner to provide justification for costs.
9. Next Meeting  
The next meeting will be on October 8, 1998 at 8:30 am in 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, October 1, 1998  
8:30 a.m.

NAME	ORGANIZATION	TELEPHONE	FAX
1 Tex Schmidt	MRS GARDNER	(817) 545-0891	(817) 545-0524
2 Majed Limmam	H.B. Zachry Company	(972) 267-0430	267-0435
3 Julian Wise	Wise Contr. Consultants Inc.	972-824-0609	972-386-0318
4 DAVID A FREEMAN	FAA	972 239-4042	(972) 490-7324
5 GEORGE JAMES	NBZ	267-0430	
6 JIM GARDNER	"	"	
7 CURTIS GRAY	FAA	972-990-4750	-
8 Jim Pierce	Addison	972-450-2879	/
9 PATT HORN	HATI	972-248-7755 x104	248-2116
10			
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**ADDISON AIRPORT**  
**Construct West Side Taxiway and Drainage Improvements**  
**Construction Progress Meeting No. 18**

**Minutes of Meeting**  
**September 17, 1998**

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the August 13, 1998 Meeting  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the August 20, 1998 and September 3, 1998 Meetings  
There were no comments on the draft meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
Maxim and Terra-Mar are performing testing programs. Maxim's reporting still slow. Majed Limam distributed control charts for slump and air content. Jim Pierce requested control chart for gradation.
4. Project Schedule  
Majed distributed copies of the 2-week look-ahead. The Runway 33 threshold is to be relocated on Friday, September 25. The runway will be closed south of Taxiway E while HBZ is performing the relocation, which will take several hours. All agreed that AATI (not present) is responsible for issuing NOTAM and for actually closing the runway. David Freeman w/FAA Facilities stated that the Runway 33 glideslope and localizer would be out of service during Phase 3. Tex Schmidt requested that the FAA look at leaving the localizer in service.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
Tex Schmidt distributed an updated RFI log. No RFIs are currently outstanding.
7. Coordination with FAA Tower  
No problems were reported by the Owner, Contractor or RPR. The AATI was not represented at the meeting. Tex Schmidt emphasized that they need to be at next meeting.
8. Other  
David Freeman requested that the contractor replace ground check point reference marks on Taxiway C. HBZ will locate the marks so that they can be replaced later.
9. Next Meeting  
The next meeting will be on October 1, 1998 at 8:30 am in the Addison Service Center.

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998												1999											
							JUN		JUL		AUG		SEP		OCT		NOV		DEC		J									
							15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23
DDX1	Erosion Control / Barricades	70	11	14MAY98A	09OCT98	18															Erosion Control / Barricades									
DDK2	Electrical Conduits Phase II	80	8	26AUG98A	08OCT98	19															Electrical Conduits Phase II									
DDC3	Milling Phase III	100	2	25SEP98A	29SEP98A																Milling Phase III									
MILE4	End of Phase 2	100	0		24SEP98A																End of Phase 2									
MILE5	Begin Phase 3	100	0	25SEP98A																	Begin Phase 3									
DDD3	Excavate & Haul Phase III	60	3	30SEP98A	07OCT98	0															Excavate & Haul Phase III									
THRS	Relocate Threshold	100	1	30SEP98A	30SEP98A																Relocate Threshold									
DDP21	Excavate Txy C @ Night	100	1	01OCT98A	01OCT98A																Excavate Txy C @ Night									
DDP22	Asphalt Txy C @ Night, First Lift	100	1	01OCT98A	01OCT98A																Asphalt Txy C @ Night, First Lift									
DDP23	Asphalt Txy C @ Night, Second Lift	100	1	06OCT98A	07OCT98A																Asphalt Txy C @ Night, Second Lift									
DDP24	Paving Txy C @ Night, Pour 1	0	1	07OCT98	07OCT98	0															Paving Txy C @ Night, Pour 1									
DDD7	Prep. Subgrade Phase III	0	2	08OCT98	09OCT98	0															Prep. Subgrade Phase III									
DDP25	Paving Txy C @ Night, Pour 2	0	1	08OCT98	08OCT98	0															Paving Txy C @ Night, Pour 2									
DDP26	Paving Txy C @ Night, Pour 3	0	1	09OCT98	09OCT98	9															Paving Txy C @ Night, Pour 3									
DDF3	Lime Phase III	0	4	12OCT98	16OCT98	0															Lime Phase III									
DDK3	Electrical Conduits Phase III	0	9	12OCT98	23OCT98	4															Electrical Conduits Phase III									
DDP27	Paving Txy C @ Night, Pour 4	0	1	12OCT98	12OCT98	9															Paving Txy C @ Night, Pour 4									
THRSR	Relocate Threshold back to Original Location	0	1	13OCT98	13OCT98	16															Relocate Threshold back to Original Location									
DDG3	Crushed Aggr. Base Course Phase III	0	6	17OCT98	26OCT98	0															Crushed Aggr. Base Course Phase III									
DDLJ	LJoint - Txy C/Runway	0	1	27OCT98	27OCT98	0															LJoint - Txy C/Runway									
DDH3	Concrete Paving Txy B Phase III	0	5	27OCT98	09NOV98	0															Concrete Paving Txy B Phase III									
DDJ4	Backfill for Slopes by Taxiways	0	2	27OCT98	28OCT98	4															Backfill for Slopes by Taxiways									
ASPH3	Asphalt Taxiway Accesses Phase III	0	1	28OCT98	28OCT98	0															Asphalt Taxiway Accesses Phase III									
DDK5	Electrical Light, Signage Phase II	0	5	03NOV98	11NOV98	0															Electrical Light, Signage Phase II									
DDK6	Electrical Light, Signage, Phase III	0	3	03NOV98	08NOV98	0															Electrical Light, Signage, Phase III									
DDJ3	Markings Entire Job	0	4	04NOV98	11NOV98	0															Markings Entire Job									
DDXNI	Night Closure: Electrical, Sealing	0	3	04NOV98	10NOV98	1															Night Closure: Electrical, Sealing									
DDJ5	Seeding/Grass Entire Job	0	4	04NOV98	11NOV98	0															Seeding/Grass Entire Job									
MILE6	End of Phase 3	0	0		11NOV98	0															End of Phase 3									

03  
 Probably 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup>

Project Start	08MAY98		Empty Bar
Project Finish	11NOV98		Progress Bar
Date Date	07OCT98		Critical Activity
Run Date	07OCT98		

TAXY

Sheet 1 of 1

Addison Airport Taxiway

Three Phases/ Two Weeks Look Ahead

10-8-98

concrete. The material and its use are described in Chapter 15. Its advantages for repair work are its low shrinkage and that it can be successfully placed under water.

### STRUCTURAL REPAIRS USING EPOXY RESIN

Of the large variety of epoxy resins available, use only those formulated specifically for concrete repairs. Normally these will be two-component, 100 percent solids, epoxy resins with no diluents or nonreactive liquids. Epoxy resin materials are furnished in different grades, ranging from the unmodified binder materials with low viscosity through the various grades of grout. Grout ranges from high viscosity fluids to trowelable pastes and gels formed by the addition of thickeners or fine mineral fillers. The inspector is governed by the requirements of the contract documents in the selection of epoxy resin materials for repairs. In the absence of contract document requirements, consult the designer for requirements and instruction. ASTM C 881 has been developed to cover the various types of epoxy resin used for bonding concrete. Information given here is only for background data and additional guidance.

At times, materials other than epoxy resins, particularly latex and polyester materials, are also used as bonding agents and as admixtures to increase the flexural strength and elongation of portland cement mortars for repairs.

Detailed guidance for the use of epoxy resin materials in concrete construction, including repair work, is available in the guide prepared by ACI Committee 503, and in four ACI standard specifications (ACI 503.1, 503.2, 503.3, and 503.4). Additional data can be found in References 5 and 31. Consult these references before using epoxy resin in concrete repair work.

### Moisture and temperature sensitivity

Early epoxy resins were sensitive to moisture, both during cure and, to a much lesser extent, after hardening; and many presently available products still are. Many such materials are good products, but their use must be restricted to locations where they will not be subjected to moisture either before curing or for long periods after curing. Epoxy resins now available that are insensitive to moisture can be used for applications when it is impractical to completely dry the base concrete, for bonding fresh portland cement concrete, and for locations that will be under water in service.

Epoxy resins bond to most construction materials. Specialized products that bond to PVC and to neoprene can be used for concrete repairs involving water stops. However, epoxy resin does not bond to materials such as polyethylene, Teflon, and greased or waxed surfaces. Polyethylene and heavy waxed paper are used for form lining for epoxy resin repairs.

Hardened epoxy resin has a much higher thermal coefficient of expansion than concrete. Unless compensated for, all epoxy repairs tend to crack and come unbonded under expansion-contraction cycling produced by temperature changes. But epoxy resin bond-coats are not a problem because of the thinness of the coat (a reason for keeping bond-coats thin). For epoxy mortar and concrete always use epoxy resins that have high extensibility, thus allowing the material to stretch and relieve differential stress for thick coatings. When fillers are added to epoxy resins and aggregates are used in mortars and concretes, the "dilution" effect produces a lower coefficient of expansion in the total mixed material and provides considerable relief.

Epoxy resins cure with almost no shrinkage. Low shrinkage is an advantage in repair work, but can present problems for repairs to newly hardened concrete that has not yet reached a stable condition of volume. Using extensible epoxy resins allows the differential stress to be relieved.

### Temperature limitations

Few epoxy resins cure satisfactorily at temperatures below 50 F and almost none below 40 F. Do not attempt repairs using epoxy resin at temperatures below 50 F until a test application using the proposed materials has been made at the expected temperature, and test cubes or cores indicate that the desired strength is achieved. Avoid high temperatures (generally those above 85 F) because increased temperature increases the rate of hardening and makes it difficult to mix, place, and finish the epoxy resin material before it hardens. At higher temperatures, use a material with a longer pot life, mix it in smaller batches, and place it in shallow lifts. *Never* use thinners with epoxy resin.

### SAFETY DURING EPOXY RESIN REPAIR OPERATIONS

- Avoid contact of the epoxy resin or solvents with the skin.
- Wear protective clothing, including gloves and goggles.
- Apply protective creams to exposed skin areas.
- Ventilate indoor repair areas, otherwise fire and explosion are hazards from the solvents used in cleanup.
- Prevent human contact with solvents.
- Immediately remove epoxy from skin by washing with soap and water, but never use solvents.

### REPAIR WITH EPOXY RESIN MORTAR AND CONCRETE

Mortars and concrete are site-mixed with only epoxy resin and aggregates, using fine aggregate for mortar and using both fine and coarse aggregate for concrete. Both mortars and concretes make excellent repair materials but their cost needs to be justified for repairs other than for small areas and for areas subject to severe service conditions such as cavitation, high abrasion, excessive point loadings, chemical attack, and similar conditions. Normally epoxy mortar is used for repairs less than 1 1/2 or 2 in. deep and epoxy concrete for deeper repairs.

### Materials

Use epoxy resin binders specially formulated for the intended use, normally the more extensible materials. Use hard, dense, clean aggregates, rounded or cubical in shape, and completely dry. Table 11.1 gives recommended aggregate gradations. Coarse aggregates larger than 3/4 in. are seldom used. For epoxy mortars, use the coarser gradations of fine aggregate for deeper repairs and the finer gradations for shallow repairs but material passing the No. 16 sieve is the coarsest that should be used if neat feather-edging of the mortar is required. The epoxy mortar aggregate gradations shown are those found to give optimum results in producing nonsag mortars. Many other gradations are successfully used, some even consisting of uniform sized aggregate.

Epoxy resin mortar proportions normally are 1 part epoxy resin to 4 to 7 parts aggregate by weight. Epoxy resin concrete proportions normally are 1 part epoxy resin to 6 to 10 parts aggregate by weight. With the aggregate gradations shown in Table 11.1, equal parts of fine and coarse aggregates are used. Use the maximum quantity of aggregate practicable, but never more than will be completely wetted by the epoxy resin and will have all voids filled when the mixture is compacted.

### Surface preparation

In general, prepare the surface by following the requirements previously discussed for other structural repairs. Outline the repair area with a saw cut, 1/2 in. deep for mortars and 1 to 2 in. deep for concrete. If practicable, make sure the surface of the base concrete is thoroughly dry, otherwise, a moisture tolerant epoxy resin must be used. Compressed air lines used for cleaning and drying the surface must be equipped with adequate water and oil separators. If possible, base concrete and ambient air should be at moderate temperatures (60 to 80 F) both before placing the epoxy resin material and during cure.

### Preparation, mixing, and handling

Condition the oven-dried aggregate and the epoxy resin to a temperature between 70 and 85 F before mixing. Mix the epoxy resin separately before adding aggregate, being sure to add the curing agent component to the epoxy component (following formulator's direction) because using the reverse order may cause difficulties. Mix the epoxy resin with mechanical equipment such as a low speed pneumatic or spark-proof electric drill with a paint mixer or propeller attachment.

Mixing must thoroughly blend all of each component and must be at a low speed to prevent entrapping air bubbles. Then transfer the mixed epoxy resin to larger mixers or containers, and add the aggregate. The resin-aggregate mixing may be done by hand in a large pan or mortar box or in a mechanical

mixer but horizontal shaft mortar mixers are preferable. Power mixers using disposable 5 gal. pails mounted at an angle on a power drive base are often used.

For epoxy concrete, add all of the coarse aggregate to the epoxy binder first to get better dispersion. Continue mixing until all aggregate particles are completely coated. Dump the batch as soon as mixing is complete and spread it on the repair area to minimize temperature buildup.

**Table 11.1—Aggregate gradation for epoxy mortars and concretes**

Cumulative percent by weight passing							
Sieve size	Coarse aggregate <sup>1</sup>	Fine aggregate for epoxy resin concrete	Fine aggregate for epoxy resin mortar				
			MAXIMUM SIZE				
			3/8 in.	No. 4	No. 8	No. 16	No. 30
3/4 in.	100						
1/2 in.	90-100						
3/8 in.	40-70	100	100				
No. 4	0-15	95-100	65-77	100			
No. 8	0-5	80-90	40-60	65-77	100		
No. 16		60-80	25-45	40-60	63-75	100	
No. 30		30-60	15-35	25-45	38-56	63-75	100
No. 50*		15-35 (10-25)	10-25 (8-18)	16-34 (15-25)	22-40 (20-30)	37-55 (36-46)	40-60 (36-60)
No. 100†		6-14 (2-10)	8-18 (4-12)	12-22 (6-14)	16-26 (9-17)	25-35 (14-22)	24-36 (12-22)

<sup>1</sup>If half or more of the minus No. 100 material passes the No. 200 sieve, use the limits in parentheses.

<sup>†</sup>ASTM C 33, Size No. 7.

### Placing and finishing

Immediately prior to placing epoxy resin mortar or concrete, coat the surface of the base concrete with a thin layer of epoxy resin binder scrubbed into the surface. Avoid pools of liquid material. Delay placing of the mortar or concrete until the bond-coat becomes slightly tacky, but placing must be completed before the bond-coat hardens. If the bond-coat does harden, lightly abrade the surface, then apply another bond-coat.

Place the epoxy resin mortar and concrete in layers 2 in. thick or less, with a slight delay between layers. If excessive heat buildup occurs, lengthen the delay. Consolidate the material by hand tamping to eliminate all voids. Screed and finish the same as for other mortar and concretes. Never use a thinner to aid in finishing. Use wood floats and steel trowels for finishing. If sticking is a problem, wrap steel trowels with polyethylene or use special plastic trowels.

Where repairs should blend with the surrounding concrete, the glazed surface can be removed by light sanding or sandblasting of the hardened repair. Some choice of color in epoxy resins is available and a material can be chosen to match the surrounding concrete. To help achieve a color



under hand-applied pressure against the nozzle and permit injection without leakage.

Space the injection ports the same as the depth of injection required from that surface. There must be sufficient distance between ports to assure that the liquid injected into the port will flow through the full depth of the crack before flowing out of the next port.

### Injection

After all epoxy resin used to seal the crack and to bond the entry ports has hardened, mix and inject the epoxy resin grout, preferably during a time of day (or night) when the concrete is coolest and the cracks are widest. However, do not exceed temperature limits of the epoxy resin being used.

If the crack is vertical, start injecting into the lowest port until it oozes out of the port above. Then seal the lowest port and inject into the next port. Continue in this manner until complete. With horizontal cracks, proceed from one end of the crack to the other. Inject horizontal members from the underside, if possible.

The crack is considered full if pressure can be maintained. If this is not the case, the grout is still flowing into the unfilled crack or leaking out. Do not apply a pressure so high during injection that the member is damaged by hydraulic action of the fluid grout. After the resin has cured, remove all fittings, and then grind and repair the surface as necessary.

Sometimes the *gravity method* of epoxy resin grouting may be used on horizontal surfaces, such as floors and decks. An epoxy resin of very low viscosity is allowed to penetrate into the cracks by gravity. If the crack penetrates through the entire depth of a slab, seal the underneath side of the crack to prevent the grout from running out. Cut the top edges of the cracks to a V-shape approximately 1/4 in. deep, blow out and clean it by oil-free compressed air or by vacuuming. Then mix the resin and pour it into the "vee." Repeated filling of the vee may be necessary to completely fill the crack.

If a preliminary calculation has been made of the theoretical amount of grout required, and this amount has not been used, there is reason to suspect that the crack is either not full, or narrower or shallower than expected. The only way to be sure that grouting has been successful is to drill small diameter cores at the crack.

**URS Greiner**

Project No. E708024.82

**ADDISON AIRPORT**  
**Construct West Side Taxiway and Drainage Improvements**  
**Construction Progress Meeting No. 19**

**Draft Minutes of Meeting**  
**October 1, 1998**

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the August 20, 1998 and September 3, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the September 17, 1998 Meetings  
There were no comments on the draft meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
Tex Schmidt provided Julian Wise with copies of test reports.
4. Project Schedule  
Majed distributed copies of the 2-week look-ahead. The Runway 33 threshold was relocated on Wednesday, September 30. Kurt Horn requested that remaining night closures be conducted consecutively with night time relocated threshold.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
Tex Schmidt distributed an updated RFI log. No RFIs are currently outstanding.
7. Coordination with FAA Tower  
FAA ATCT was not represented at the meeting. Tower personnel on duty the night of September 30 or the morning of October 1 were not aware of plans to relocate threshold. An incident occurred approximately 6:00 am October 1 when a business jet, owned by an airport tenant, over-ran the relocated threshold despite notification from AATI, NOTAMs, ATIS broadcast, markings, and threshold lights. Kurt Horn has the tail number and has been communicating with business owner. He is considering contacting FAA FSDO. HBZ will now place barricades on runway pavement each night. Barricades will be placed with at least 50 feet between them to allow an over-running aircraft to pass between them.
8. Other  
Jim Gardner will provided cost for additional night work. Jim Pierce asked Jim Gardner to provide justification for costs.
9. Next Meeting  
The next meeting will be on October 8, 1998 at 8:30 am in the Addison Service Center.



# Fax

**Name:** Jim Pierce, Jr., P.E.  
**Organization:** Town of Addison  
**Fax:** (972) 450-2834  
**Phone:** (972) 450-2879  
**From:** Tex Schmidt, P.E.  
**Date:** October 7, 1998  
**Subject:** Draft Meeting Minutes  
**Pages:** 2

**Comments:** Draft Meeting Minutes from the October 1, 1998 meeting.

ADDISON AIRPORT

CONSTRUCT WEST TAXIWAY AND CONNECTORS WITH DRAINAGE IMPROVEMENTS  
(SOUTH SEGMENT)  
TXDOT PROJECT NO. 9248 ADDSN

CONSTRUCTION PROGRESS MEETING NO. 19  
OCTOBER 1, 1998  
AGENDA

1. Distribution of Meeting Minutes from August 20 & September 3, 1998 meetings ✓
2. Comments on Draft Meeting Minutes from September 17, 1998 meeting
3. Contractor's Quality Control Program and Testing Plan
4. Project Schedule
  - a) 2-Week Schedule
  - b) Detailed Night Work Schedule
5. Construction / Shop Drawing Submittals by Contractor
6. Requests for Information (RFI's)
7. Coordination with FAA Tower — Kurt will do this —
8. Other Items
9. Next Meeting Date

Integral Bonding Systems — Mickey Whelan  
Concrete Penetrating —

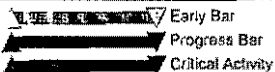
Tex will contact Maxim

Oct 1<sup>st</sup> — Oct 31<sup>st</sup> — Notice that is out  
No work this Fri night  
No instrument approach @ night  
all night work done this month  
Will need full airport closure for striping  
Fri 2<sup>00</sup>AM — 5AM for  
striping is best  
prop agenda item for  
Change Order

Meet  
Next  
Week  
8:30

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998																																		
							APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	D																										
DDX1	Erosion Control / Barricades	70	11	14MAY98A	06OCT98	22	3	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	7
DDK2	Electrical Conduits Phase II	80	8	26AUG98A	05OCT98	23	Electrical Conduits Phase II																																		
DDC3	Milling Phase III	100	2	25SEP98A	29SEP98A		Milling Phase III																																		
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DDP21	Excavate Txwy C @ Night	100	1	01OCT98A	01OCT98A		Excavate Txwy C @ Night																																		
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DDP23	Asphalt Txwy C @ Night, Second Lift	0	1	03OCT98	03OCT98	0	Asphalt Txwy C @ Night, Second Lift																																		
DDP24	Paving Txwy C @ Night, Pour 1	0	1	05OCT98	05OCT98	0	Paving Txwy C @ Night, Pour 1																																		
DDP25	Paving Txwy C @ Night, Pour 2	0	1	06OCT98	06OCT98	0	Paving Txwy C @ Night, Pour 2																																		
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DDJ3	Markings Entire Job	0	4	05NOV98	11NOV98	0	Markings Entire Job																																		
MILE6	End of Phase 3	0	0		11NOV98	0	End of Phase 3																																		

Project Start 05MAY98  
Project Finish 11NOV98  
Data Date 01OCT98  
Run Date 01OCT98



TXWY

Sheet 1 of 1

Addison Airport Taxiway  
Three Phases/ Two Weeks Look Ahead

10-1-98

# URS Greiner

Project No. E708024.82

**ADDISON AIRPORT**  
**Construct West Side Taxiway and Drainage Improvements**  
**Construction Progress Meeting No. 18**

**Draft Minutes of Meeting**  
**September 17, 1998**

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Tex Schmidt distributed an updated RFI log. No RFIs are currently outstanding.
7. Coordination with FAA Tower  
No problems were reported by the Owner, Contractor or RPR. The AATI was not represented at the meeting. Tex Schmidt emphasized that they need to be at next meeting.
8. Other  
David Freeman requested that the contractor replace ground check point reference marks on Taxiway C. HBZ will locate the marks so that they can be replaced later.
9. Next Meeting  
The next meeting will be on October 1, 1998 at 8:30 am in the Addison Service Center.

# **URS Greiner**

Project No. E708024.82

***ADDISON AIRPORT***  
***Construct West Side Taxiway and Drainage Improvements***  
***Construction Progress Meeting No. 17***

**Minutes of Meeting**  
**September 3, 1998**

---

**ATTENDEES:**            See attached Attendance List

---

1.     Contractor's Quality Control Program and Testing Plan  
Maxim and Terra-Mar are performing testing programs. HBZ has not posted Control Charts.
  
2.     Project Schedule  
George James distributed copies of the two-week look ahead and explained the proposed activities. Phase 3 to start September 16. Night work to resume first week in October. Hour are to be 10:00 pm to 6:00 am. HBZ will confirm dates next meeting.
  
3.     Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
  
4.     Requests for Information (RFI's)  
One RFI was responded to during past two weeks.
  
5.     Coordination with FAA Tower  
No problems were reported by the Owner, AATI, Contractor or RPR. The FAA was not represented at the meeting. Tex Schmidt emphasized that they need to be at next meeting.
  
6.     Next Meeting  
The next meeting will be on September 16, 1998 at 8:30 am in the Addison Service Center.

**ADDISON AIRPORT**  
**Construct West Side Taxiway and Drainage Improvements**  
**Construction Progress Meeting No. 16**

**Minutes of Meeting**  
**August 20, 1998**

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the July 30, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the August 13, 1998 Meeting  
Tex Schmidt stated that copies of the draft meeting minutes had been faxed to Jim Gardner, Jim Pierce, and Zane Ryan prior to the meeting. There were no comments on the meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
Discussed densities on lime-stabilized subgrade. Maxim has been slow to produce test reports. Tex Schmidt will discuss with Leslie. HBZ advised to use results of their Q/C testing to determine if compactive effort is sufficient.
4. Project Schedule  
Majed Limam distributed copies of the two-week look ahead and explained the proposed activities. Kurt Horn asked that AATI be notified prior to the 24<sup>th</sup> of the month about up coming night closures so that information can be passed along to tenants in regular mailing. Next night closure anticipated to be in mid-October.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
No RFIs are currently outstanding.
7. Coordination with FAA Tower  
No problems were reported by the Owner, AATI, Contractor or RPR. The FAA was not represented at the meeting.
8. DBE Participation  
HBZ reported that they were still on track to meet their goal.
9. Other Items  
Tex Schmidt reviewed history of decision to locate signs at non-standard locations.



***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***

Construction Progress Meeting Minutes –August 20, 1998

Page 2

10. Next Meeting

The next meeting will be on September 3, 1998 at 8:30 am in the Addison Service Center.

John

9-25-98

Westside

Bottom line

start Sept 30<sup>th</sup>

10 PM - 6:30 AM Threshold Relocated  
work in safety zone

6:30 AM - 10 PM Airport open unrestricted  
no work in safety zone

Except Milling will proceed on a "pull-back"  
basis during the day.

H.B. Zachry will prepare a proposal for  
a change order.

I gave HBZ the "go ahead" for  
Phase III based on the above

Jep

# Westside meeting

9-25-98

No 1. Shut down airport ea night @ 10 PM  
open up @ 6 AM - for safety  
zone work.

yes 2. AT - Tower open till midnight full end out  
Then, tower closes @ 10 PM

yes 3. Relocate Threshold every night?

No 4. Relocate ~~threshold~~ <sup>Threshold</sup> - work anytime  
Pull back when a jet takes off

yes AATI will inspect every morning

yes Do milling under pullback procedures

yes Execute a change order

Decision Made

{ 10 PM - 6:30 Relocated Threshold ea nite  
6:30 - 10 Runway completely open

{ Thus relocated Sept. 30 @ 10 PM  
AATI will furnish security during night

X 45055

9-21-98

Westside - Visit site with John:

Discuss Wiley Post Driveway with Kurt

OK either way with John → pave or no-pave

Use old steel deck?

John would prefer pavement vs steel deck

RAMP Program

Taxiway overlay program

cost @ 50%

Kathy Griffen, Grant Mgr

Meeting with Kurt, Gardner, DeLoane, 9-21-98  
Jep & Julian.

Stay off runway as much as possible

③ 8:30AM close a portion of runway.  
Minimize equip & men on runway

Have a man with radio with  
crew - pull back when jets  
take off

AATI is willing to unscrew  
bulbs to disable lights if it would help.

Jep sees no need to run a  
"jumper" line. Using a jumper  
would be safer.

Closure time 8:30 to ~~11:00~~ Noon Sept 25<sup>th</sup>

Kurt wants to know time actually on runway

Kurt will ask FAA to locate the ug lines.  
Danny will get together with Zane &  
pre-plan electrical work.

Clear vault lock-out procedures discussed  
Tower in/out of control.

Oct 19 - 3 nights - 10PM-6AM

19-20-21



# H.B. Zachry Company

FIELD OFFICE ADDRESS:

September 18, 1998

Mr. Kurt Horn  
Assistant Airport Director—Addison Airport  
A. A. T. I.  
4505 Claire Chenault Dr.  
Dallas, TX, 75248

*Meeting 9-21-98  
By: J. Gardner  
Julian, James George*

Re: TxDot Project No.: 9842 ADDSN

Dear Mr. Horn,

Please be aware that the Addison Airport runway threshold will be relocated, as per the West Taxiway Improvement Plans, on Friday, September 25, 1998. As discussed at our Project Progress Meeting on September 17, 1998 at the Addison Service Center, this will be done at 8:30 AM.

Please notify as soon as possible if you have any questions concerning this work.

Thank You,  
H.B. Zachry Company

Jim Gardner  
Project Manager

Cc: Jim Pierce  
Tex Schmidt  
Zane Ryan

*Displaced for 6 weeks  
Can the runway be closed for  
2 hours for set-up -  
Set plywood panels  
Electrical work - jumper across  
runway  
Panel Truck, air compressor*

---

*Taxiway E - Move barricades to end of paint radius*

---

*Everything must be fastened down tight to  
resist backwash.*

*Meet Monday, Telecon to Kurt & abrin.  
meet @ 1:30 Kurt's office*

# URS Greiner

September 18, 1998

URS Greiner, Inc.  
4100 Amon Carter Boulevard, Suite 108  
Fort Worth, Texas 76155  
Telephone: (817) 545-0891  
Facsimile: (817) 545-0534  
Offices in Principal Cities Nationwide

Mr. Kurt Horn  
A.A.T.I.  
4505 Claire Chennault  
Addison, TX 75248

RE: Addison Airport  
West Taxiway and Connectors  
URS Greiner Project No. E708024.82

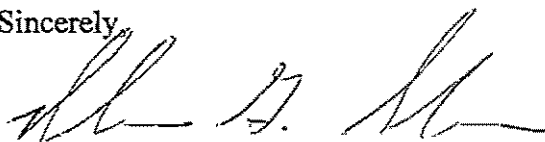
Dear Mr. Horn:

H.B. Zachry, Inc. is nearing completion of Phase 2 of their work on Taxiway B. The initiation of Phase 3 requires the relocation of the Runway 33 threshold to allow work to proceed within the Runway Safety Area (RSA). There was a great deal of discussion at our last construction progress meeting concerning the process of accomplishing the threshold relocation. A.A.T.I.'s role in that process is key and I regret that A.A.T.I. was not represented at our meeting of September 17. In light of that fact, please contact Jim Gardner and Alvin DeVane to coordinate the threshold relocation. Our discussions concluded that the runway must be closed while the markings are being changed and that A.A.T.I. has the responsibility to close the runway and issue the appropriate NOTAMs.

It is anticipated that H.B. Zachry will be ready to relocate the threshold on Friday, September 23<sup>25<sup>th</sup></sup>. At the meeting we agreed that the relocation would best be accomplished while the Airport Traffic Control Tower is operating. Mr. DeVane suggested that H.B. Zachry wait until after 9:00 am in order to miss a peak traffic time earlier in the morning. In general, H.B. Zachry was very cooperative and (I'm sure) will do everything possible to accomplish the threshold relocation safely and with a minimum of disruption.

Please contact me if I can answer any questions about this issue.

Sincerely,



Robert G. Schmidt, P.E.  
Senior Air Transportation Engineer

cc: Jim Gardner  
Jim Pierce, Jr., P.E.

# URS Greiner

URS Greiner, Inc.  
4100 Amon Carter Boulevard, Suite 108  
Fort Worth, Texas 76155  
Telephone: (817) 545-0891  
Facsimile: (817) 545-0534  
Offices in Principal Cities Nationwide

September 18, 1998

Mr. Jim Gardner  
H.B. Zachry  
P.O. Box 1004  
Addision, TX 75001-1004

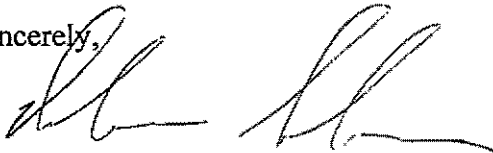
RE: Addison Airport  
West Taxiway and Connectors  
Notice of Unacceptable Work  
URS Greiner Project No. E708024.82

Dear Mr. Gardner:

On September 18, 1998 I visited the site of the above referenced project for the purpose of observing the progress of the work being performed by H.B. Zachry, Inc.. I observed shrinkage cracks in the portland cement concrete pavement on the west paving lane of Taxiway B at stations 209+75, 210+57, 211+56, and 213+00. This condition is unacceptable, therefore I am directing you to remove and replace the defective work. As a minimum, you must remove and replace each cracked one-half panel and saw (and seal) a dummy contraction joint across the adjacent paving lane to prevent reflective cracking. Also, each panel to be replaced shall be doweled into the adjacent pavement.

This work must be completed and allowed to cure for 7 days prior to the initiation of Phase 3. Please notify me of your proposed date for undertaking this repair, and contact me if you have any questions.

Sincerely,



Robert G. Schmidt, P.E.  
Senior Air Transportation Engineer

cc: Jim Pierce, Jr., P.E.  
Julian Wise

cc John Baumgartner ✓



TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Zane Ryan

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: 9-21-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Relocated Threshold

Original in mail

Per your request

FYI

Call me

Comments:

Can you join us @ 9AM today  
@ H.B. Zachry Trailer to discuss  
the above?

Jim



H.B. Zachry Company

FIELD OFFICE ADDRESS:

September 18, 1998

Mr. Kurt Horn  
Assistant Airport Director—Addison Airport  
A. A. T. I.  
4505 Claire Chenault Dr.  
Dallas, TX, 75248

Re: TxDot Project No.: 9842 ADDSN

Dear Mr. Horn,

Please be aware that the Addison Airport runway threshold will be relocated, as per the West Taxiway Improvement Plans, on Friday, September 25, 1998. As discussed at our Project Progress Meeting on September 17, 1998 at the Addison Service Center, this will be done at 8:30 AM.

Please notify as soon as possible if you have any questions concerning this work.

Thank you,  
H.B. Zachry Company

Jim Gardner  
Project Manager

Cc: Jim Pierce  
Tex Schmidt  
Zane Ryan

\*\*\*\*\* -COMM. JOURNAL- \*\*\*\*\* DATE 09-21-1998 \*\*\*\*\* TIME 08:01AM \*\* P.1

MODE = TRANSMISSION

START=09-21 08:00AM

END=09-21 08:01AM

NO.	COM	SPEED NO	STATION NAME/ TELEPHONE NO.	PAGES
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001	OK	8	92482416	002
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-Addison Svc Ctr -Upstairs-

\*\*\*\*\* ( FAX-200 U2.17)\* - 972 450 2834- \*\*\*\*\*



**H.B. Zachry Company**  
**Facsimile Cover Sheet**  
**Addison Tunnel & Addison Taxiway Projects**

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 Pierre

Company: TOWN ADDISON

Fax Number: 450-2834

Phone Number:

From: JIM GARDNER

Date: SEP 18, 1998

Pages Sent: 2 (Including cover sheet)

Comments: THIS WAS FAXED TO A.A.T.I. @ 3:20 PM  
TODAY

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

**H.B. Zachry Company**

FIELD OFFICE ADDRESS:

September 18, 1998

Mr. Kurt Horn  
Assistant Airport Director—Addison Airport  
A. A. T. I.  
4505 Claire Chenault Dr.  
Dallas, TX, 75248

Re: TxDot Project No.: 9842 ADDSN

Dear Mr. Horn,

Please be aware that the Addison Airport runway threshold will be relocated, as per the West Taxiway Improvement Plans, on Friday, September 25, 1998. As discussed at our Project Progress Meeting on September 17, 1998 at the Addison Service Center, this will be done at 8:30 AM.

Please notify as soon as possible if you have any questions concerning this work.

Thank You,  
H.B. Zachry Company

Jim Gardner  
Project Manager

Cc: Jim Pierce  
Tex Schmidt  
Zane Ryan



H.B. Zachry Company

*Faxed to Kurt Horn*

FIELD OFFICE ADDRESS:

September 18, 1998

Mr. Kurt Horn  
Assistant Airport Director—Addison Airport  
A. A. T. I.  
4505 Claire Chenault Dr.  
Dallas, TX, 75248

Re: TxDot Project No.: 9842 ADDSN

Dear Mr. Horn,

Please be aware that the Addison Airport runway threshold will be relocated, as per the West Taxiway Improvement Plans, on Friday, September 25, 1998. As discussed at our Project Progress Meeting on September 17, 1998 at the Addison Service Center, this will be done at 8:30 AM.

Please notify as soon as possible if you have any questions concerning this work.

Thank You,  
H.B. Zachry Company

Jim Gardner  
Project Manager

Cc: Jim Pierce  
Tex Schmidt  
Zane Ryan

\*\*\*\*\* -COMM. JOURNAL- \*\*\*\*\* DATE 09-21-1998 TIME 07:58AM \*\* P.1

MODE = TRANSMISSION

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END=09-21 07:58AM

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-Addison Svc Ctr -Upstairs-

\*\*\*\*\* ( FAX-200 U2.17)\* - 972 450 2834- \*\*\*\*\*

TOWN OF  
**ADDISON**

**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: 9-21-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Relocated Threshold

Original in mail

Per your request

FYI

Call me

Comments: \_\_\_\_\_

Can you join us at  
our meeting @ 9AM this  
morning @ H.B. Zachry trailer  
to discuss the above?

Hope so.

Jim



MODE = TRANSMISSION

START=09-21 07:54AM

END=09-21 07:54AM

NO.	COM	SPEED	NO	STATION NAME/ TELEPHONE NO.	PAGES
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-Addison Svc Ctr -Upstairs-

\*\*\*\*\* ( FAX-200 U2.17)\* - 972 450 2834- \*\*\*\*\*

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Sam Stuart

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

Company: AATI

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2837

FAX #: 972-248-2416

Date: 9-21-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Relocated Threshold

Original in mail

Per your request

FYI

Call me

Comments: \_\_\_\_\_

Copy of 9-18-98 letter  
attached FYI.

Jim

**H.B. Zachry Company**

FIELD OFFICE ADDRESS:

September 18, 1998

Mr. Kurt Horn  
Assistant Airport Director—Addison Airport  
A. A. T. I.  
4505 Claire Chenault Dr.  
Dallas, TX, 75248

Re: TxDot Project No.: 9842 ADDSN

Dear Mr. Horn,

Please be aware that the Addison Airport runway threshold will be relocated, as per the West Taxiway Improvement Plans, on Friday, September 25, 1998. As discussed at our Project Progress Meeting on September 17, 1998 at the Addison Service Center, this will be done at 8:30 AM.

Please notify as soon as possible if you have any questions concerning this work.

Thank You,  
H.B. Zachry Company

Jim Gardner  
Project Manager

Cc: Jim Pierce  
Tex Schmidt  
Zane Ryan

MODE = TRANSMISSION

START=09-21 07:50AM

END=09-21 07:51AM

NO.	COM	SPEED NO	STATION NAME/ TELEPHONE NO.	PAGES
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-Addison Suc Ctr -Upstairs-

*To Sam Stuart*

ADDISON AIRPORT

CONSTRUCT WEST TAXIWAY AND CONNECTORS WITH DRAINAGE IMPROVEMENTS  
(SOUTH SEGMENT)  
TXDOT PROJECT NO. 9248 ADDSN

CONSTRUCTION PROGRESS MEETING NO. 18  
SEPTEMBER 3, 1998  
AGENDA

1. Distribution of Meeting Minutes from August 13, 1998 meeting ✓
2. Comments on Draft Meeting Minutes from August 20 & September 3, 1998 meeting ✓
3. Contractor's Quality Control Program and Testing Plan ✓
4. Project Schedule
  - a) 2-Week Schedule
  - b) Detailed Night Work Schedule
5. Construction / Shop Drawing Submittals by Contractor
6. Requests for Information (RFI's)
7. Coordination with FAA Tower
8. Other Items *Issues for Tex to look at*
9. Next Meeting Date

\* Relocated  
~~Displace~~ Threshold  
Fri Sept 25<sup>th</sup> @ 8AM

Next meeting Oct 1<sup>st</sup> 8:30

---

# **URS Greiner**

Project No. E708024.82

***ADDISON AIRPORT  
Construct West Side Taxiway and Drainage Improvements  
Construction Progress Meeting No. 17***

***Draft Minutes of Meeting  
September 3, 1998***

---

**ATTENDEES:** See attached Attendance List

---

1. Contractor's Quality Control Program and Testing Plan  
Maxim and Terra-Mar are performing testing programs. HBZ has not posted Control Charts. ✓
2. Project Schedule  
George James distributed copies of the two-week look ahead and explained the proposed activities. Phase 3 to start September 16. Night work to resume first week in October. Hours are to be 10:00 pm to 6:00 am. HBZ will confirm dates next meeting.
3. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
4. Requests for Information (RFI's)  
One RFI was responded to during past two weeks.
5. Coordination with FAA Tower  
No problems were reported by the Owner, AATI, Contractor or RPR. The FAA was not represented at the meeting. Tex Schmidt emphasized that they need to be at next meeting.
6. Next Meeting  
The next meeting will be on September 16, 1998 at 8:30 am in the Addison Service Center.

# **URS Greiner**

Project No. E708024.82

***ADDISON AIRPORT***  
***Construct West Side Taxiway and Drainage Improvements***  
***Construction Progress Meeting No. 16***

***Draft Minutes of Meeting***  
***August 20, 1998***

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the July 30, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the August 13, 1998 Meeting  
Tex Schmidt stated that copies of the draft meeting minutes had been faxed to Jim Gardner, Jim Pierce, and Zane Ryan prior to the meeting. There were no comments on the meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
Discussed densities on lime-stabilized subgrade. Maxim has been slow to produce test reports. Tex Schmidt will discuss with Leslie. HBZ advised to use results of their Q/C testing to determine if compactive effort is sufficient.
4. Project Schedule  
Majed Limam distributed copies of the two-week look ahead and explained the proposed activities. Kurt Horn asked that AATI be notified prior to the 24<sup>th</sup> of the month about up coming night closures so that information can be passed along to tenants in regular mailing. Next night closure anticipated to be in mid-October.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
No RFIs are currently outstanding.
7. Coordination with FAA Tower  
No problems were reported by the Owner, AATI, Contractor or RPR. The FAA was not represented at the meeting.
8. DBE Participation  
HBZ reported that they were still on track to meet their goal.
9. Other Items  
Tex Schmidt reviewed history of decision to locate signs at non-standard locations.

***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***

Construction Progress Meeting Minutes –August 20, 1998

Page 2

10. Next Meeting

The next meeting will be on September 3, 1998 at 8:30 am in the Addison Service Center.



# **URS Greiner**

Project No. E708024.82

***ADDISON AIRPORT***  
***Construct West Side Taxiway and Drainage Improvements***  
***Construction Progress Meeting No. 15***

**Minutes of Meeting**  
**August 13, 1998**

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the July 9, 1998 and July 15, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the July 30, 1998 Meeting  
Tex Schmidt stated that copies of the draft meeting minutes had been faxed to Jim Gardner, Jim Pierce, and Zane Ryan prior to the meeting. There were no comments on the meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
URSG informed the contractor that, from now on, 4 inch diameter cores will be required for thickness determinations. Julian Wise reported that HBZ is executing their QC program. Tex Schmidt cautioned HBZ to continue to do so, and to display control charts in Julian's trailer.
4. Project Schedule  
Majed Limam distributed copies of the two-week look ahead and explained the proposed activities. HBZ requested to be allowed to proceed with placement of the base material prior to the 7-day curing period. URSG agreed, provided that the results from all acceptance testing was complete and acceptable. Phase II concrete is projected to begin in approximately 2 weeks. HBZ requested permission to again attempt to place dowel bars into the plastic concrete rather than drilling into the curing concrete, utilizing a new method that will eliminate misalignment and edge slump. URSG agreed **ON A TRIAL BASIS ONLY.**
5. Construction / Shop Drawing Submittals by Contractor  
Tex Schmidt distributed a summary log of the Contractor's submittals to date and their review status. No submittals are currently outstanding.
6. Requests for Information (RFI's)  
Tex Schmidt distributed the updated RFI log. No RFIs are currently outstanding.
7. Coordination with FAA Tower  
No problems were reported by the FAA, Owner, AATI, Contractor or RPR. Alvin DeVane requested information about modification of the control panel in the tower. Tex Schmidt responded that he wasn't sure if there would be any modifications required and would check into it.

***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***

Construction Progress Meeting Minutes –August 13, 1998

Page 2

8. DBE Participation

Tex Schmidt asked the Contractor if they were going to meet their DBE goal. HBZ indicated that trucking subcontractors will help them achieve their goal.

9. Other Items

Tex Schmidt gave Jim Pierce approved Change Orders 1&2 and Pay Request No. 3. Tex Schmidt provided Jim Pierce with a copy of Chapter 5 of AC 150/5300-13C and stated that driveway 4 has a 5% grade and it does not meet FAA criteria, and that the proposed project would not change that fact. The entire driveway would have to be rebuilt to improve the grades, and it still would not meet criteria. Jim Pierce decided to allow the driveway to be built as currently planned.

10. Next Meeting Date

The next meeting will be on **Thursday, August 20, 1998 at 8:30am** at the Addison Service Center.

URS GREINER, INC.  
REQUEST FOR INFORMATION (RFI) LOG

Update 08/31/98

URSG Project No.: E708024.81

Project: Addison West Taxiway and Connectors

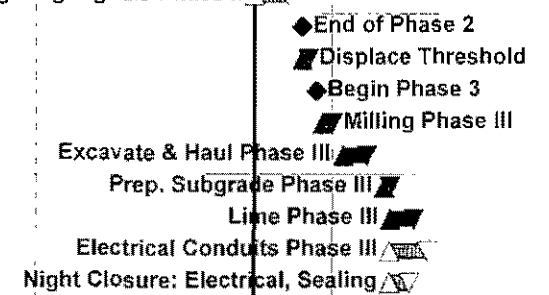
Location: Addison Airport

Contractor: H.B. Zachry

Project Manager: Leslie Sagar

RFI #	Discipline Code	Description & Remarks	Date Received	Routed To	Date Routed	Date Returned	Date to CONT.	Response Notes
101	C	Access Gate At North End	04/30/98	AATI	05/05/98		05/08/98	Need plan to protect cables
102	E	Existing Electric Wiring Devices	04/30/98	PSA	05/01/98	05/12/98	05/12/98	System has adequate capacity
103	C	Temporary Drainage Between Driveway 9-10 Detour	05/11/98	FTW	05/11/98		05/13/98	Refer to Phasing Plan in Contract Doc.
104	C	1" Dowels into Existing Pavement	05/19/98	FTW	05/19/98	05/19/98	05/19/98	Use thickened edge expansion joint.
105	C	12" Diameter Force Main	05/26/98	FTW	05/26/98	05/26/98	05/26/98	Encase Force Main.
106	C	FAA cable @ Taxiway F	05/30/98	FTW	05/30/98	06/01/98	06/01/98	Encase cable prior to const. subgrade.
107	C	Vertical curve on Taxiway E	06/01/98	FTW	06/02/98	06/02/98	06/02/98	Contractor using old plan sheet.
108	C	Type L Transition Joint	06/10/98	FTW	06/10/98	06/10/98	06/10/98	Contractor instructed build per plans
109	E	2" PVC One Way Electrical Duct (Type A)	06/16/98	FTW	06/16/98	06/17/98	06/18/98	Approved as proposed
110	C	Elevated Taxiway Lighting Concrete Pad	06/16/98	FTW	06/16/98	06/17/98	06/18/98	Approved as proposed
111	C	Type H Taxiway Inlets	07/01/98	FTW	07/01/98	07/07/98	07/07/98	Disapproved
112	C	Temporary taxiway between driveways 1 & 2	07/01/98	FTW	07/01/98	07/07/98	07/07/98	Relocate temporary taxiway
113	E	L-858 Sign Location	07/16/98	PSA	07/24/98	08/06/98	08/06/98	Corrected station on RFI
114	E	ILS Signs	07/23/98	PSA	07/24/98	08/06/98	08/06/98	Illuminate signs, tie to nearest edge light
115	C	Taxiway E Grades	07/28/98	FTW	07/28/98	08/06/98	08/06/98	Corrected grades on RFI response
116	C	Saw joints on localizer access road	07/31/98	FTW	07/31/98	08/06/98	08/06/98	Space 3 joints evenly (approx 10')
117	C	Localizer access road length	08/27/98	FTW	08/27/98	08/31/98	08/31/98	Tie in access road 80' right of CL

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998																																
							APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV																									
DDX1	Erosion Control / Barricades	70	11	14MAY98A	18SEP98	31	3	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9		
DDK2	Electrical Conduits Phase II	17	8	26AUG98A	24SEP98	0																																	
DDH2	Concrete Paving Phase II	68	13	31AUG98A	19SEP98	0																																	
DDX2	Saw & Seal Concrete Pavement	44	12	02SEP98A	24SEP98	1																																	
DDK5	Electrical Lighting Signals Phase II	0	5	15SEP98	21SEP98	2																																	
MILE4	End of Phase 2	0	0		24SEP98	0																																	
THRS	Displace Threshold	0	1	25SEP98	25SEP98	0																																	
MILE5	Begin Phase 3	0	0	28SEP98		0																																	
DDC3	Milling Phase III	0	2	29SEP98	30SEP98	0																																	
DDD3	Excavate & Haul Phase III	0	4	03OCT98	07OCT98	0																																	
DDD7	Prep. Subgrade Phase III	0	1	12OCT98	12OCT98	0																																	
DDF3	Lime Phase III	0	4	13OCT98	17OCT98	0																																	
DDK3	Electrical Conduits Phase III	0	6	13OCT98	20OCT98	11																																	
DDXNI	Night Closure: Electrical, Sealing	0	3	13OCT98	16OCT98	11																																	



*Oct 13*  
*close*  
*10-6*  
*for 3 nights*

Project Start	06MAY98		Early Bar
Project Finish	09NOV98		Progress Bar
Data Date	15SEP98		Critical Activity
Run Date	15SEP98		

9-17-98

# Fax

**To:** Jim Pierce, Jr., P.E.  
**Of:** Town of Addison  
**Fax:** (972) 450-2834  
**Phone:** (972) 450-2879  
**Pages:** 4, including this cover sheet.  
**Date:** August 27, 1998

Contractor's QC testing plan. Our QA testing is (for the most part) spelled out in the specifications. Some of the more common tests are as follows:

P-152 Excavation & Embankment	1 per 1000 CY (compaction)
P-156 Lime Treated Subgrade	1 per 500 SY (compaction) 1 per 500 SY (depth test)
P-209 Crushed Aggregate Base	1 per sublot (up to 1200 SY)
P-501 Portland Cement Concrete Pavement	4 per lot (28-day flexural strength) 4 per lot (thickness)

We also have tested material properties such as gradation, LA Abrasion, fractured faces, etc. on P-209, where we were not satisfied with certifications.

From the desk of...

Tex Schmitt  
URS Greiner, Inc.  
4100 Arnon Carter Blvd.  
Fort Worth, TX 76155  
(817) 545-0891  
Fax: (817) 545-0834

H.B. Zachry Company  
 Heavy Construction Division  
 Job No. 4744

REVIEWED:	Review is only for conformance with the design concept. Review does not cover dimensions, quantities, accuracy, fit, or assembly for which this item may be a component. Review does not authorize deviation from Contract Documents or substitution of materials. Requests for deviations from the Contract Documents will only be addressed thru the change Order process.
<input checked="" type="checkbox"/> CONFORMS WITH CONCEPT	
<input type="checkbox"/> CONFORMS AS NOTED	
<input type="checkbox"/> RESUBMIT	
<input type="checkbox"/> NO ACTION	
<input type="checkbox"/> DOES NOT CONFORM	
GREINER INC. FORT WORTH, TEXAS By: <i>[Signature]</i> Date: 5-22-99	

Std No. 99-04  
 Construct West Taxway and Connectors  
 Addison Airport - Addison, Texas

TESTING PLAN

Item No.	Description	Location	Test	Standard	Frequency	Responsible Party	Remarks	
100-07	Random Test Sampling		Various	ASTM D3988	As Required	Contractor	Statistically based sampling	
P-104	Removal of Existing Pavements		None Specified					
P-152	Excavation and Embankment	Cut sections	Field Density	ASTM D1556 or D2167	Not Specified	Contractor	Subgrade under pavement compacted per Schedule on Drawing 26	
			Moisture/Density Relationship	ASTM D1557				Maximum loose lift thickness 8 inches
		Embankment	Moisture/Density Relationship	ASTM D699	500 CY	Contractor	Moisture content +/- 2% Optimum	
			Field Density	ASTM D1556 or D2167		Contractor	Compaction requirements: Cohesive soils: 90% of MDD Non-cohesive soils: 86% of MDD Paved areas (top 6 in): 99% of MDD	
			Straightedge	Not specified		Contractor	Maximum deviation 1/2 in in 10 ft Base/subbase areas	
P-154	Subbase Course	Subbase	Moisture/Density Relationship	ASTM D1557		Contractor	Moisture content +/- 1.5% Optimum At start of compaction	
			Field Density	ASTM D1556 or D2167		Contractor	Compaction requirements: 100% MDD	
		Straightedge	Not specified		Contractor	Maximum deviation 1/2 in in 10 ft		
		Thickness	Not specified	500 SY	Contractor	Deficiency exceeds 1/2 in, add mat		
P-155	Lime-Treated Subgrade	Subgrade	Gradation	Not specified		Contractor	Minimum 100% close passing 1.0 in Minimum 90% close passing No. 4	
			Moisture/Density Relationship	ASTM D698		Contractor	Moisture content +/- 2% Optimum At start of compaction	
		Field Density	ASTM D1556 or D2167		Contractor	Compaction requirement: Min 93% MDD		
		Thickness	Not specified	300 SY	Contractor	Deficiency exceeds 3/8 in, add mat		
	Straightedge			Not specified		Contractor	Maximum deviation 3/8 in in 10 ft	
P-156		Temporary Air and Water Pollution Soil Erosion and Siltation Control		None Specified		Contractor		
1x-DOT 184	Seeding for Erosion Control	Seeding and Mulching	None Specified					
P-208		Crushed Aggregate Base Course	Preliminary Testing	Flat or Elongated Pieces	ASTM D698		Engineer	Maximum 15% by weight
	Los Angeles Abrasion			ASTM C131		Engineer	Maximum wear 45%	
	Sodium Sulfate Soundness		ASTM C88		Engineer	Maximum loss 12%		
	Attberg Limits		ASTM D4318		Engineer	LI < 26, PI < 8		
	Sand Equivalent		ASTM D2419		Engineer	Minimum value of 35		
	Crushed Faces		None specified		Engineer	Minimum 60% with 2 fractured faces Minimum 100% with 1 fractured face		
	Production Testing		Sampling	ASTM D75				
			Gradation	ASTM C136 & C117	Daily	Engineer	Per 208.2.1 Table 1	
	Acceptance Testing		Moisture/Density Relationship		ASTM D1557			Moisture content +/- 1.5% Optimum During placing operations
				Field Density	ASTM D1556 or D2167	Each sublot	Contractor	Lot = Day's production < 2400 SY or 1/2
		Field Density (alternate)	ASTM D2922 & D3017	Each sublot	Contractor	Day's production 2400-4800 SY Two sublots, one test per sublot If D2922 used, 2 tests per sublot		

ALIG-27-1998 14:38 FROM GREINER INC. 113 TO 15724502834 P.02

			Straightedge	Not specified		Contractor	Density minimum 100% of MCD
			Thickness	Not specified	Four per sublot	Contractor	Maximum deviation 3/8 in in 10 ft
							Sampling locations determined by Engr
							Deficiency exceeds 1/2 in, add mat
S-1	Removal and Replacement of Existing PCC Pavements	Removal	None Specified			Contractor	
		Replacement					Same as for P-501
P-501	Portland Cement Concrete Pavement	Acceptance Sampling and Testing				Engineer	Except for curing for thickness determination
		Flexural Strength	Sampling	ASTM C172	One specimen per sublot	Engineer	Lot = Day's production < 7200 SY
			Making specimens	ASTM C31		Engineer	
			Flexural strength	ASTM C78		Engineer	
			Initial curing of beams			Contractor	Maintain temperature 60-80F 24 hr after molding with loss of moisture prevented
		Pavement Thickness	Coring		One per sublot	Contractor	Sampling locations determined by Engr
		Cone Thickness		ASTM C174		Engineer	Average caliper measurement
		Completed pavement	Smoothness	Not specified		Engineer	Maximum deviation 1/4 in in 10 ft
							Areas with high spots 1/4-1/2 in to be ground within 1/4 in
			Surface grade	None specified		Engineer	Max lateral deviation +/- 0.10 ft in lane
							Max vertical deviation +/- 0.04 ft
			Edge Slump	None specified	Each 500 LF	Engineer	Max 15% of free edge with edge slump > 1/4 in with max slump < 3/8 in.
							Area affected < 10 in from edge
			Dowel Bar Alignment	None specified		Engineer	Checked for position & alignment
							Max tolerance horizontal/vertical < 2% or 1/4 in per foot of bar
		Quality Control Testing					
		Fine Aggregate and Coarse Aggregate	Gradation	ASTM C136	Twice daily	Contractor	From storage bin gate or conveyor belt
			Moisture Content	ASTM C70 or C566	Twice weekly	Contractor	(if electric meter used)
							If measurements, twice daily
		Plastic Concrete	Sampling	ASTM C172	One per sublot	Contractor	
			Slump	ASTM C143	One per sublot	Contractor	
			Air Content	ASTM C231 or C173	One per sublot	Contractor	
P-602	Bituminous Prime Coat	Prime Coat	Vendor's certified test report		Each carload	Contractor	Reports to Engineer before use
P-603	Bituminous Tack Coat	Tack Coat	Vendor's certified test report		Each carload	Contractor	Reports to Engineer before use
P-604	Joint Sealing Filler	Preformed Elastomeric joint seats	Compression	None specified	5 joints initially	Contractor	Sealer not stretched more than 5% or compressed more than 2% of minimum theoretical length
					One per 100	Contractor	
P-610	Structural Portland Cement Concrete		Sampling concrete	ASTM C 172	Not Specified	Engineer	
			Cylinder Test Specimens	ASTM C 31	Not Specified	Engineer	Contractor to cure and store specimens
			Slump	ASTM C143	Not Specified	Engineer	Maximum 4 in
			Compressive Strength	ASTM C 39	Not Specified	Engineer	3000 psi at 28 days minimum
			Air content	ASTM C231	Not Specified	Engineer	5% +/- 1
P-620	Runway and Taxiway Painting	Paint	Vendor's certified test report	FS TT-P-1952			
		Glass Spheres	Vendor's certified test report	FS TT-B-1928			
		Markings					Max variation from straight line 1/2 in in 50 ft
							Dimensions +/- 5%
TXDOT 402-1	Trench Excavation Protection		None Specified			Contractor	

Item	Excavation Backfill	Here Specified	Contractor	Stand as for P-162
D-701	Pipe for Storm Drains and Culverts	Field Density		Stand as for P-162
	Manholes, Catch Basins, Inlets and Inspection Holes			Density as required in P-162
L-100	Platfield Electrical Work	Banding Test Megohm and Hipot readings Continuous	Contractor	Contractor to furnish report
L-106	Installation of Underground Cable for Apparatus	Free from short circuits Free from unspecified grounds Insulation resistance to ground	All new circuits Contractor	Not less than 50 megohms Not less than 60 megohms
		Insulation resistance to ground		
		Non-grounded series circuits Non-grounded conductors of multiple circuits		
		Properly connected Operable		Per applicable wiring diagrams Operate each control 10 times and continuous operation of each circuit for not less than 1/2 hour
L-110	Installation of Airport Underground Electrical Bus	Measur	Each shot	
L-128	Installation of Airport Lighting System	Not specified		Testing as specified in applicable Agency Circular
L-853 D-741	Elevated Retroreflective Pavement Edge Markers	Not specified		

47484



J-W OPERATING COMPANY

P.O. BOX 226406

DALLAS, TEXAS 75222-6406

(972) 233-8191

FAX (972) 991-0704

Oil and Gas Property Management

August 3, 1998

Post-it® Fax Note	7671	Date	9/24	# of pages	1
To	Andy Eads	From	Jim Pierce		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			

Mr. Kurt Horn  
Assistant Airport Manager  
Addison Airport of Texas  
4505 Claire Chennault  
Dallas, TX 75248

Re: Addison Airport Construction

Dear Mr. Horn:

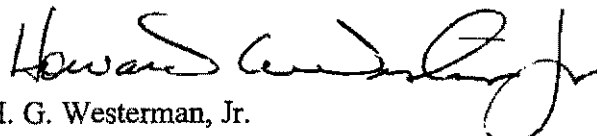
This letter is to memorialize our telephone conversation July 31, 1998 regarding the demolition work on our ramp located between the old taxiway and our hangar on the West side of the airport. We believe our ramp has been needlessly scrapped, chipped and cracked beyond any reasonable repair.

The understanding between us was that our property would be returned in as good as or better condition prior to any construction work.

Please let me hear from you as to how you intend to accomplish this to our satisfaction. Thank you.

Yours very truly,

J-W OPERATING COMPANY

  
H. G. Westerman, Jr.  
President

HGWJr/jp

Cc: Mr. John Baumgartner  
Town of Addison  
P.O. Box 144  
Addison, TX 75001

9-3-98

Website Meeting

Need a control chart / Terra Mar

Slump -

Air -

Gradation -

Kurt needs dates on closures for mail out 9/24. Will have dates @ next meeting - 10PM-6AM night closures. Threshold will be relocated -

Al Delvane needs to be @ next meeting

Need to knock down dirt piles by ILS -

Next meeting 9/17/98 8:30

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998																							
							APR			MAY			JUN			JUL			AUG			SEP		OCT		NOV				
							3	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21
DDX1	Erosion Control / Barricades	70	11	14MAY98A	07SEP98	32																								
DDA11	Manholes & Inlets Entire Project	98	5	06JUL98A	02SEP98	7																								
DDK2	Electrical Conduits Phase II	15	8	26AUG98A	14SEP98	1																								
DDH2	Concrete Paving Phase II	38	13	31AUG98A	15SEP98	0																								
DDX2	Saw & Seal Concrete Pavement	38	12	02SEP98A	14SEP98	1																								
DDK5	Electrical Lighting Signals Phase II	0	5	03SEP98	09SEP98	3																								
MILE4	End of Phase 2	0	0		15SEP98	0																								
MILE5	Begin Phase 3	0	0	16SEP98		0																								
DDC3	Milling Phase III	0	2	18SEP98	19SEP98	0																								
DDD3	Excavate & Haul Phase III	0	4	21SEP98	25SEP98	0																								



9/19

Project Start	06MAY98		Early Bar
Project Finish	28OCT98		Progress Bar
Data Date	03SEP98		Critical Activity
Run Date	03SEP98		

TXRWY  
 Addison Airport Taxiway  
 Three Phases/ Two Weeks Look Ahead

Sheet 1 of 1  
 9-3-98

# URS Greiner

URS Greiner, Inc.  
4100 Amon Carter Boulevard, Suite 108  
Fort Worth, Texas 76155  
Telephone: (817) 545-0891  
Facsimile: (817) 545-0534  
*Offices in Principal Cities Nationwide*

August 31, 1998

Mr. Larry Bracken  
Maxim Technologies, Inc.  
P.O. Box 224227  
Dallas, TX 75212

RE: Addison Airport West Taxiways and Connectors  
URS Greiner Project No. E708024.82

Dear Mr. Bracken:

We continue to be disappointed with the delay in receiving acceptance testing reports for the above referenced project. This lack of timeliness has been chronic and resulted many problems. Most recently the contractor, H.B. Zachry, was faced with the choice of either delaying the placement of base material or proceeding without the knowledge that the lime-treated subgrade was compacted to an acceptable density. Reports from tests performed on August 13 are dated August 20, and were not received in this office until August 28. This lack of timely performance could potentially result in either delay claims or claims for extra work. It is simply unacceptable.

Our client, Mr. Jim Pierce, Jr., P.E., who is the Assistant City Engineer for the Town of Addison, has also expressed his concerns about Maxim Technologies' lack of responsiveness, to the point that he is considering contact with the president of your firm.

Please contact me with your assurances that we can expect test reports in a more timely manner (i.e. within 48 hours), or URS Greiner will have no choice other than to terminate your contract. I also recommend that you work to repair your relationship with Jim Pierce, as he is quite disillusioned with Maxim Technologies.

Sincerely



Robert G. Schmidt, P.E.  
Senior Air Transportation Engineer

cc: Jim Pierce, Jr., P.E.

# Fax

OK

**To:** Jim Pierce, Jr., P.E.  
**Of:** Town of Addison  
**Fax:** (972) 450-2834  
**Phone:** (972) 450-2879  
**Pages:** 3, including this cover sheet.  
**Date:** August 31, 1998

Draft minutes from August 20, 1998 construction progress meeting.

From the desk of...

Tex Schmidt  
URS Greiner, Inc.  
4100 Amon Carter Blvd.  
Fort Worth, TX 78155  
(817) 645-0881  
Fax (817) 545-0534

# URS Greiner

Project No. E708024.82

**ADDISON AIRPORT**  
**Construct West Side Taxiway and Drainage Improvements**  
**Construction Progress Meeting No. 16**

**Draft Minutes of Meeting**

**August 20, 1998**

---

**ATTENDEES:** See attached Attendance List

---

1. Distribution of Meeting Minutes from the July 30, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the August 13, 1998 Meeting  
Tex Schmidt stated that copies of the draft meeting minutes had been faxed to Jim Gardner, Jim Pierce, and Zane Ryan prior to the meeting. There were no comments on the meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
Discussed densities on lime-stabilized subgrade. Maxim has been slow to produce test reports. Tex Schmidt will discuss with Leslie. HBZ advised to use results of their Q/C testing to determine if compactive effort is sufficient.
4. Project Schedule  
Majed Limam distributed copies of the two-week look ahead and explained the proposed activities. Kurt Horn asked that AATI be notified prior to the 24<sup>th</sup> of the month about upcoming night closures so that information can be passed along to tenants in regular mailing. Next night closure anticipated to be in mid-October.
5. Construction / Shop Drawing Submittals by Contractor  
No submittals are currently outstanding.
6. Requests for Information (RFI's)  
No RFIs are currently outstanding.
7. Coordination with FAA Tower  
No problems were reported by the Owner, AATI, Contractor or RPR. The FAA was not represented at the meeting.
8. DBE Participation  
HBZ reported that they were still on track to meet their goal.
9. Other Items  
Tex Schmidt reviewed history of decision to locate signs at non-standard locations.



***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***  
**Construction Progress Meeting Minutes - August 20, 1998**

Page 2

10. Next Meeting

The next meeting will be on September 3, 1998 at 8:30 am in 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, August 20, 1998  
 8:30 a.m.

NAME	ORGANIZATION	TELEPHONE	FAX
1 Tex Schmidt	URS Greiner	(817) 545-0891	(817) 545-0534
2 GEORGE JAMES	HBSZ	(972) 267-0430	
3 Julian Wise	Wise Contr. Consultants, Inc.	972 824-0609	
4 SIM GARDNER	HBSZ	267-0470	267-0435
5	ATI	(972) 248-7799 / 1104	248-2416
6 Jim Pierce	Addison	972-450-2879	- 2834
7	HBSZ	267-0430	267-0435
8			
9			
10			
11			
12			
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16			
17			
18			
19			
20			

TOTAL P.04

AUG-31-1998 13:40 FROM GREINER INC. 113 TO 19724502834 P.04





**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

August 31, 1998

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

Re: Westside Taxiway

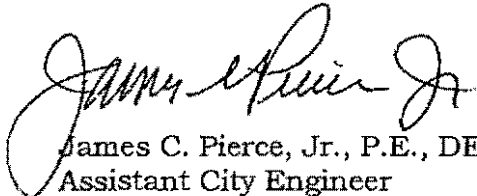
Dear Mr. Gardner:

The Town will allow the use of the gate at Wiley Post Road for construction purposes provided security is maintained, and provided the area, including the concrete slab driveway, is restored to its original condition.

Please advise if you have any questions concerning 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  
Zane Ryan, AATI  
Julian Wise, URS Greiner

ADDISON AIRPORT

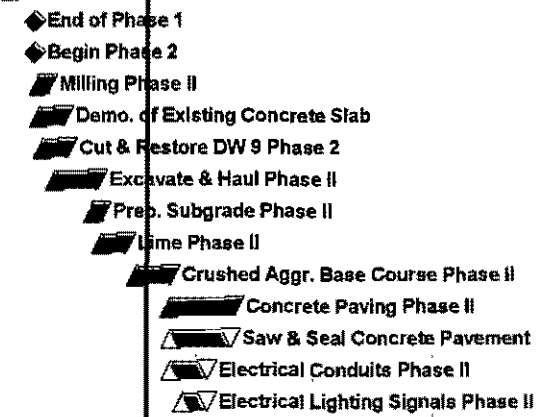
CONSTRUCT WEST TAXIWAY AND CONNECTORS WITH DRAINAGE IMPROVEMENTS  
(SOUTH SEGMENT)  
TXDOT PROJECT NO. 9248 ADDSN

CONSTRUCTION PROGRESS MEETING NO. 16  
AUGUST 20, 1998  
AGENDA

1. Distribution of Meeting Minutes from July 30, 1998 meeting
2. Comments on Draft Meeting Minutes from August 13, 1998 meeting
3. Contractor's Quality Control Program and Testing Plan
4. Project Schedule
  - a) 2-Week Schedule
  - b) Detailed Night Work Schedule
5. Construction / Shop Drawing Submittals by Contractor
6. Requests for Information (RFI's)
7. Coordination with FAA Tower
8. DBE Participation
9. Other Items
10. Next Meeting Date

*Signs should be  
located 250' off  $\Phi$   
E. Side Alpha 1, but O.K.*

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998											
							APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN		
DDX1	Erosion Control / Barricades	70	11	14MAY98A	25AUG98	40	3,20,27,4	11,18,25,1	8,15,22,29,6	13,20,27,3	10,17,24,31,7	14,21,28,5	12,19,26,2	9,16,23,30,7	14,21,28,4			
DDK4	Electrical Lighting Signage Phase I	70	10	30JUN98A	25AUG98	8												
DDA11	Manholes & Inlets Entire Project	94	5	06JUL98A	19AUG98	7												
DDH1A	Paving Phase I Widen Saw & Seal	60	3	16JUL98A	21AUG98	3												
MILE2	End of Phase 1	100	0		21JUL98A													
MILE3	Begin Phase 2	100	0	22JUL98A														
DDC2	Milling Phase II	100	2	23JUL98A	24JUL98A													
DDC2A	Demo. of Existing Concrete Slab	100	3	23JUL98A	28JUL98A													
DDB4	Cut & Restore DW 9 Phase 2	100	1	24JUL98A	29JUL98A													
DDD2	Excavate & Haul Phase II	100	13	27JUL98A	06AUG98A													
DDD6	Prep. Subgrade Phase II	100	3	06AUG98A	07AUG98A													
DDF2	Lime Phase II	100	4	08AUG98A	13AUG98A													
DDG2	Crushed Aggr. Base Course Phase II	50	5	17AUG98A	25AUG98	0												
DDH2	Concrete Paving Phase II	0	13	26AUG98	10SEP98	0												
DDX2	Saw & Seal Concrete Pavement	0	12	26AUG98	09SEP98	1												
DDK2	Electrical Conduits Phase II	0	8	26AUG98	03SEP98	5												
DDK5	Electrical Lighting Signals Phase II	0	5	29AUG98	03SEP98	5												



Project Start 06MAY98  
 Project Finish 27OCT98  
 Data Date 20AUG98  
 Run Date 20AUG98

© Primavera Systems, Inc. TXWY Sheet 1 of 1

Addison Airport Taxiway  
 Three Phases/ Two Weeks Look Ahead

8-20-98

# URS Greiner

Project No. E708024.82

*ADDISON AIRPORT  
Construct West Side Taxiway and Drainage Improvements  
Construction Progress Meeting No. 15*

*Draft Minutes of Meeting  
August 13, 1998*

---

ATTENDEES: See attached Attendance List

---

1. Distribution of Meeting Minutes from the July 9, 1998 and July 15, 1998 Meetings  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the July 30, 1998 Meeting  
Tex Schmidt stated that copies of the draft meeting minutes had been faxed to Jim Gardner, Jim Pierce, and Zane Ryan prior to the meeting. There were no comments on the meeting minutes.
3. Contractor's Quality Control Program and Testing Plan  
URSG informed the contractor that, from now on, 4 inch diameter cores will be required for thickness determinations. Julian Wise reported that HBZ is executing their QC program. Tex Schmidt cautioned HBZ to continue to do so, and to display control charts in Julian's trailer.
4. Project Schedule  
Majed Limam distributed copies of the two-week look ahead and explained the proposed activities. HBZ requested to be allowed to proceed with placement of the base material prior to the 7-day curing period. URSG agreed, provided that the results from all acceptance testing was complete and acceptable. Phase II concrete is projected to begin in approximately 2 weeks. HBZ requested permission to again attempt to place dowel bars into the plastic concrete rather than drilling into the curing concrete, utilizing a new method that will eliminate misalignment and edge slump. URSG agreed ON A TRIAL BASIS ONLY.
5. Construction / Shop Drawing Submittals by Contractor  
Tex Schmidt distributed a summary log of the Contractor's submittals to date and their review status. No submittals are currently outstanding.
6. Requests for Information (RFI's)  
Tex Schmidt distributed the updated RFI log. No RFIs are currently outstanding.
7. Coordination with FAA Tower  
No problems were reported by the FAA, Owner, AATI, Contractor or RPR. Alvin DeVane requested information about modification of the control panel in the tower. Tex Schmidt responded that he wasn't sure if there would be any modifications required and would check into it.

*ADDISON AIRPORT*

*Construct West Side Taxiway and Drainage Improvements*

Construction Progress Meeting Minutes –August 13, 1998

Page 2

8. DBE Participation

Tex Schmidt asked the Contractor if they were going to meet their DBE goal. HBZ indicated that trucking subcontractors will help them achieve their goal.

9. Other Items

Tex Schmidt gave Jim Pierce approved Change Orders 1&2 and Pay Request No. 3. Tex Schmidt provided Jim Pierce with a copy of Chapter 5 of AC 150/5300-13C and stated that driveway 4 has a 5% grade and it does not meet FAA criteria, and that the proposed project would not change that fact. The entire driveway would have to be rebuilt to improve the grades, and it still would not meet criteria. Jim Pierce decided to allow the driveway to be built as currently planned.

10. Next Meeting Date

The next meeting will be on **Thursday, August 20, 1998 at 8:30am** 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, August 13, 1998  
10:00 a.m.

NAME	ORGANIZATION	TELEPHONE	FAX
1 GREG WILBERS	AATI	972 248 7733 x106	
2 Jim Pierce	Addison	972-450-2879	... 2834
3 ALVIN DEVANE	FAA	972-239-3725	972-490-4338
4 ZANE RYAN	AATI	972-248-7733	
5 Julian Wise	Wise Contractors Consultants Inc	972 824 0609	
6 Jim G. ...	HBZ ... Co.	972-267-0430	267-0435
7 GEORGE JAMES	HBZ	267-0430	" "
8 Marko Limon...	HBZ	267-0430	" "
9 Tex Schmidt	URS Greiner	(817) 545-0851	(817) 545-0534
10 Nancy Wise	Wise Contr. - Consults Inc	972-824-0609	
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# URS Greiner

Project No. E708024.82

*ADDISON AIRPORT  
Construct West Side Taxiway and Drainage Improvements  
Construction Progress Meeting No. 14*

*Minutes of Meeting  
July 30, 1998*

---

ATTENDEES: See attached Attendance List

---

1. Meeting Minutes  
Leslie Sagar distributed copies of draft meeting minutes from the July 9 and July 15 meetings. There were no comments.
2. Contractor's Quality Control Program and Testing Plan  
Leslie Sagar reminded the Contractor that they are responsible for following their Quality Control Program and Testing Plan. Julian Wise stated that he had not received any of the required charts on the P-501 Concrete from Terra-Mar. Majed Limam stated that he would contact Terra-Mar.
3. Project Schedule  
Majed Limam stated that Phase 2 is underway. The asphaltic concrete has been milled and the base material has been removed. The 30-inch RCP under Driveway No. 9 has been completed.  
  
Majed distributed copies of the two-week look ahead and explained that the proposed activities include excavation of the subgrade and lime stabilization. All work will be performed during the day.
4. Construction / Shop Drawing Submittals by Contractor  
Leslie Sagar distributed a summary log of the Contractor's submittals to date and their review status. There were no revisions since the last meeting on July 15.
5. Requests for Information (RFI's)  
Leslie Sagar distributed the updated RFI log. Three RFI's had been submitted since the last meeting on July 15 and are still under review. Leslie Sagar stated that responses would be provided in the next few days.
6. Coordination with FAA Tower  
Julian Wise and George James both indicated that there had been no coordination problems with the Tower.
7. DBE Participation  
Leslie Sagar advised Majed Limam that H. B. Zachry had not yet met the DBE goal for the project. Majed indicated that they were still hoping to increase the DBE participation.

***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***

**Construction Progress Meeting Minutes – July 30, 1998**

**Page 2**

8. Other Items

a) George James stated that they had encountered portland cement concrete underneath the asphaltic concrete surface of Taxiway B, which was not indicated on the plans. The PCC concrete ranges in depth from 12 to 18 inches and is approximately 11 ft. wide and 291 ft. in length within Phase 2. George indicated that it may extend even further into Phase 3. Leslie Sagar stated that she would go look at the area immediately following the meeting.

b) Jim Pierce stated that the Town of Addison would not be issuing a permit to H.B. Zachry for a concrete batch plant.

9. Next Meeting Date

The next meeting will be on Thursday, August 13, 1998 at 10:00am at the Addison Service Center.



Westside Taxiway Sign In Sheet 7-30-98

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Peirce	addison	972-450-2879
Majed Limann	H.B. Zachry	267-0430
Nancy Wise	Wise Contr. Conslts. Inc.	
Julian Wise	Wise Contractors Consultants, Inc	972-824-0605
GEORGE JAMES	HB ZACHRY	267-0430
Leslie Sagar	URS Greiner	(817) 545-0891

# Westside Meeting

8-13-95

<sup>curt</sup><sub>horn</sub>: J.W. Operating - Driveway Checks -

Next Mon & Tues <sup>& Wed Am</sup> - FAA Inspector  
from Washington - make sure  
radio procedure is up to snuff  
Bobby is the man -

Driveway Grades

Next meet 20<sup>th</sup> @ 8:30 AM -

**URS GREINER, INC.**  
**REQUEST FOR INFORMATION (RFI) LOG**

Update 08/06/98

URSG Project No.: E708024.81

Project: Addison West Taxiway and Connectors

Location: Addison Airport

Contractor: H.B. Zachry

Project Manager: Leslie Sagar

RFI #	Discipline Code	Description & Remarks	Date Received	Routed To	Date Routed	Date Returned	Date to CONT.	Response Notes
101	C	Access Gate At North End	04/30/98	AATI	05/05/98		05/08/98	Need plan to protect cables
102	E	Existing Electric Wiring Devices	04/30/98	PSA	05/01/98	05/12/98	05/12/98	System has adequate capacity
103	C	Temporary Drainage Between Driveway 9-10 Detour	05/11/98	FTW	05/11/98		05/13/98	Refer to Phasing Plan in Contract Doc.
104	C	1" Dowels into Existing Pavement	05/19/98	FTW	05/19/98	05/19/98	05/19/98	Use thickened edge expansion joint.
105	C	12" Diameter Force Main	05/26/98	FTW	05/26/98	05/26/98	05/26/98	Encase Force Main.
106	C	FAA cable @ Taxiway F	05/30/98	FTW	05/30/98	06/01/98	06/01/98	Encase cable prior to const. subgrade.
107	C	Vertical curve on Taxiway E	06/01/98	FTW	06/02/98	06/02/98	06/02/98	Contractor using old plan sheet.
108	C	Type L Transition Joint	06/10/98	FTW	06/10/98	06/10/98	06/10/98	Contractor instructed build per plans
109	E	2" PVC One Way Electrical Duct (Type A)	06/16/98	FTW	06/16/98	06/17/98	06/18/98	Approved as proposed
110	C	Elevated Taxiway Lighting Concrete Pad	06/16/98	FTW	06/16/98	06/17/98	06/18/98	Approved as proposed
111	C	Type H Taxiway Inlets	07/01/98	FTW	07/01/98	07/07/98	07/07/98	Disapproved
112	C	Temporary taxiway between driveways 1 & 2	07/01/98	FTW	07/01/98	07/07/98	07/07/98	Relocate temporary taxiway
113	E	L-858 Sign Location	07/16/98	PSA	07/24/98	08/06/98	08/06/98	Corrected station on RFI
114	E	ILS Signs	07/23/98	PSA	07/24/98	08/06/98	08/06/98	Illuminate signs, tie to nearest edge light
115	C	Taxiway E Grades	07/28/98	FTW	07/28/98	08/06/98	08/06/98	Corrected grades on RFI response
116	C	Saw joints on localizer access road	07/31/98	FTW	07/31/98	08/06/98	08/06/98	Space 3 joints evenly (approx 10')

**URS GREINER, INC.**  
**CONSTRUCTION SUBMITTALS / SHOP DRAWING LOG**  
**UPDATE 8/6/98**

URSG Project No: E708024.81  
 Project: Addison West Taxiway and Connectors  
 Location: Addison Airport  
 Project Manager: Leslie Sagar, P.E.  
 Contractor  
 H.B. Zachry

**Status and Approval Legend**

C - Conforms with Concept  
 CAN - Conforms as Noted  
 RAR - Revise and Resubmit  
 DNC - Does not Conform  
 NAR - No Action Required

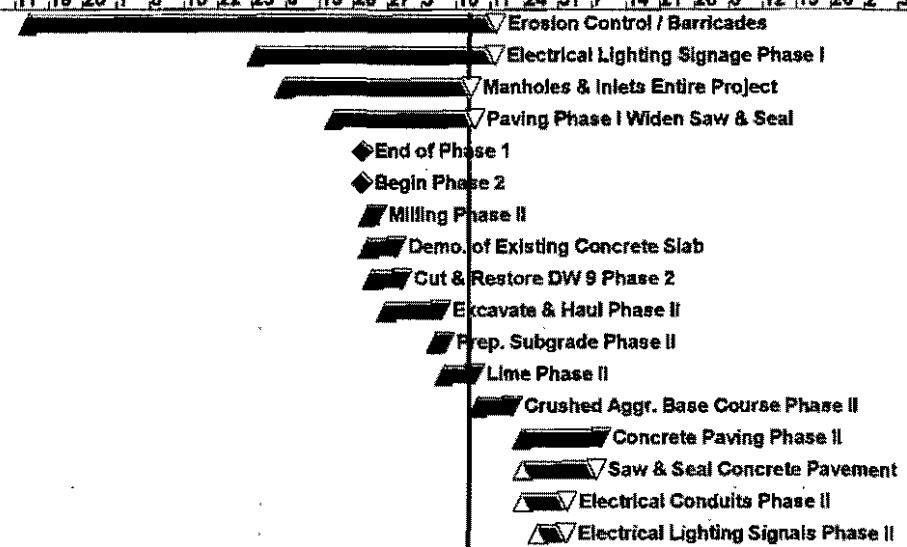
\* - Contractor to submit specific information as requested in "Conforms as Noted"

\*\* - Contractor to submit per "Revise and Resubmit"

\*\*\* - Submittal under URSG review

Submittal #	Orig / O Resub / R	Spec. Ref.	Item Description and Remarks	Date Rcvd.	Route To	Date Route	Status	App.	Date Returned	Date Cont.	Comments
101	O		Schedule of Submittals	04/30/98	ABQ	04/30/98		NAR	05/06/98	05/06/98	
102	O	P-155	Commercial Lime Slurry	04/30/98	ABQ	04/30/98	*	CAN	05/06/98	05/06/98	Spec controlling project is P-155, not TxDOT
103	O	D-701	Pipe for Storm Drain / Plastic Gaskets	04/30/98	ABQ	04/30/98		C	05/11/98	05/11/98	
104	O	501/610	Concrete Mix Design	04/30/98	ABQ	04/30/98		RAR	05/06/98	05/06/98	Separate submittals required for P-501 & P-610
104A	R	P-501	Concrete Mix Design	05/08/98	FTW	05/11/98	**	DNC		05/13/98	Need beam breaks, gradation out of spec.
104A	R	P-501	Concrete Mix Design	05/18/98	FTW	05/18/98	**	DNC	05/19/98	05/19/98	See letter to Jim Gardner dated 5/19/98
104B	R	P-610	Concrete Mix Design	05/08/98	FTW	05/11/98	**	DNC		05/13/98	Gradation does not meet spec
104D	R	P-501	Concrete Mix Design	06/30/98	FTW	06/30/98		C	07/07/98	07/07/98	
105	O	P-209	Lab Test Report & FA/CA Analysis	04/30/98	ABQ	04/30/98	**	RAR	05/06/98	05/06/98	P-209 Spec requires aggregate, not crushed P
106	O		Safety and Health Responsibilities	04/30/98	ABQ	04/30/98		NAR	05/11/98	05/11/98	
107	O	GP-80	Contractor's Project Schedule (2 Phases)	05/01/98	ABQ	05/01/98	***				Two Phase proposal not approved
107A	R	GP-80	Contractor's Project Schedule (3 phases)	05/08/98	FTW	05/11/98	**	DNC		05/12/98	Exceeds 180 calendar day schedule
107A	R	GP-80	Contractor's Project Schedule (3 phases)	05/21/98	FTW	05/21/98	**	DNC		05/26/98	Activities are late.
107B	R	GP-80	Contractor's Project Schedule (3 phases)	06/02/98	FTW	06/02/98		CAN	06/11/98	06/11/98	HBZ advised to avoid July 4th weekend
108	O	L-125	Lighting Plans	05/01/98	PSA	05/01/98	*	CAN	05/12/98	05/12/98	Txy "B", not "8"
109	O	P-156	SWPPP	05/06/98	ABQ	05/06/98		C	05/11/98	05/11/98	
110	O	P-501	Proposed Mixed Design for Txy F	05/06/98	ABQ	05/06/98	**	RAR	05/11/98	05/11/98	Additional data required
111	O	TX-340	Mix Design for Bituminous Base Course	05/06/98	ABQ	05/06/98	*	CAN	05/11/98	05/11/98	Asphalt cement shall conform to TxDOT 300
111A	R	TX-340	Mix Design for Bituminous Base Course	05/21/98	FTW	05/21/98		C	06/01/98	06/02/98	Includes RAP
112	O	P-401	Mix Design for Bituminous Surface Course	05/06/98	ABQ	05/06/98	***				Not in contract
112A	R	TX-340	Mix Design for Bituminous Surface Course	05/21/98	FTW	05/21/98		C	06/01/98	06/02/98	
113	O	L-110	Electrical Hand Holes	05/06/98	PSA	05/06/98		C	05/12/98	05/12/98	
114	O	L-110/108	Electrical Cables / Electrical Ducts	05/08/98	PSA	05/11/98		C	05/12/98	05/12/98	
115	O		DBE Subcontractor Information	05/08/98	Clyde	05/11/98		NAR		05/13/98	
116	O	GP-100	Contractor's Quality Control Program	05/08/98	FTW	05/11/98	**	DNC		05/13/98	Testing plan is incomplete
116	R	GP-100	Contractor's Quality Control Program	05/21/98	FTW	05/21/98		C	05/22/98	05/26/98	
117	O		Protection of FAA cables	05/14/98	FTW	05/14/98		CAN	05/21/98	05/21/98	
120	R	610	Concrete Mix Design	06/08/98	FTW	06/08/98		C	06/11/98	06/11/98	Originally submittal No. 104B
121	O	P-605	Joint Sealant	06/18/98	FTW	06/18/98		RAR	06/19/98	06/19/98	Fax copy not legible, resubmit
122	O	P-501	Concrete Curing Compound	06/19/98	FTW	06/19/98		CAN	06/23/98	06/23/98	Application rate
123	O		Pour Sequence for Taxiway F	06/19/98	FTW	06/22/98	***				Letter faxed to HBZ on 6/24/98 re: concerns
121	R	P-605	Joint Sealant	06/23/98	FTW	06/23/98		DNC	06/23/98	06/23/98	Does not meet P-605 specifications
121B	R	P-605	Joint Sealant and Lubricant	06/29/98	FTW	06/29/98		C	07/01/98	07/01/98	
124	O	P-501	Dowel Bars	07/07/98	FTW	07/07/98		C	07/17/98	07/17/98	
125	O	P-154	Subbase Course	07/27/98	FTW	07/27/98		C	08/07/98	08/07/98	

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998																															
							APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV																								
DDX1	Erosion Control / Barricades	70	11	14MAY98A	17AUG98	43	3	20	27	4	11	18	25	1	8	15	22	29	5	8	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9
DDK4	Electrical Lighting Signage Phase I	70	10	30JUN98A	17AUG98	11																																
DDA11	Manholes & Inlets Entire Project	94	5	06JUL98A	12AUG98	7																																
DDH1A	Paving Phase I Widen Saw & Seal	60	3	16JUL98A	13AUG98	3																																
MILE2	End of Phase 1	100	0		21JUL98A																																	
MILE3	Begin Phase 2	100	0	22JUL98A																																		
DCC2	Milling Phase II	100	2	23JUL98A	24JUL98A																																	
DCC2A	Demo. of Existing Concrete Slab	100	3	23JUL98A	25JUL98A																																	
DDB4	Cut & Restore DW 9 Phase 2	100	1	24JUL98A	29JUL98A																																	
DDD2	Excavate & Haul Phase II	100	13	27JUL98A	06AUG98A																																	
DDD6	Prep. Subgrade Phase II	100	3	06AUG98A	07AUG98A																																	
DDF2	Lime Phase II	100	4	08AUG98A	13AUG98A																																	
DDG2	Crushed Aggr. Base Course Phase II	0	5	15AUG98	21AUG98	0																																
DDH2	Concrete Paving Phase II	0	13	24AUG98	08SEP98	0																																
DDX2	Saw & Seal Concrete Pavement	0	12	24AUG98	07SEP98	1																																
DDK2	Electrical Conduits Phase II	0	8	24AUG98	01SEP98	5																																
DDK5	Electrical Lighting Signals Phase II	0	5	27AUG98	01SEP98	5																																



Project Start	05MAY98		Early Bar
Project Finish	23OCT98		Progress Bar
Data Date	13AUG98		Critical Activity
Run Date	13AUG98		

TXWY

Sheet 1 of 1

Addison Airport Taxiway  
Three Phases/ Two Weeks Lock Ahead

8-13-98

# URS Greiner

Project No. E708024.82

*ADDISON AIRPORT  
Construct West Side Taxiway and Drainage Improvements  
Construction Progress Meeting No. 14*

*Draft Minutes of Meeting*

July 30, 1998

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ATTENDEES: See attached Attendance List

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1. Meeting Minutes  
Leslie Sagar distributed copies of draft meeting minutes from the July 9 and July 15 meetings. There were no comments.
2. Contractor's Quality Control Program and Testing Plan  
Leslie Sagar reminded the Contractor that they are responsible for following their Quality Control Program and Testing Plan. Julian Wise stated that he had not received any of the required charts on the P-501 Concrete from Terra-Mar. Majed Limam stated that he would contact Terra-Mar.
3. Project Schedule  
Majed Limam stated that Phase 2 is underway. The asphaltic concrete has been milled and the base material has been removed. The 30-inch RCP under Driveway No. 9 has been completed.  
  
Majed distributed copies of the two-week look ahead and explained that the proposed activities include excavation of the subgrade and lime stabilization. All work will be performed during the day.
4. Construction / Shop Drawing Submittals by Contractor  
Leslie Sagar distributed a summary log of the Contractor's submittals to date and their review status. There were no revisions since the last meeting on July 15.
5. Requests for Information (RFI's)  
Leslie Sagar distributed the updated RFI log. Three RFI's had been submitted since the last meeting on July 15 and are still under review. Leslie Sagar stated that responses would be provided in the next few days.
6. Coordination with FAA Tower  
Julian Wise and George James both indicated that there had been no coordination problems with the Tower.
7. DBE Participation  
Leslie Sagar advised Majed Limam that H. B. Zachry had not yet met the DBE goal for the project. Majed indicated that they were still hoping to increase the DBE participation.

***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***

Construction Progress Meeting Minutes – July 30, 1998

Page 2

8. Other Items

a) George James stated that they had encountered portland cement concrete underneath the asphaltic concrete surface of Taxiway B, which was not indicated on the plans. The PCC concrete ranges in depth from 12 to 18 inches and is approximately 11 ft. wide and 291 ft. in length within Phase 2. George indicated that it may extend even further into Phase 3. Leslie Sagar stated that she would go look at the area immediately following the meeting.

b) Jim Pierce stated that the Town of Addison would not be issuing a permit to H.B. Zachry for a concrete batch plant.

9. Next Meeting Date

The next meeting will be on **Thursday, August 13, 1998 at 10:00am** at the Addison Service Center.

Westside Taxiway Sign In Sheet 7-30-98

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Price	Addison	972-450-2879
Majed Limann	H.B. Zachry	267-0430
Nancy Wise	Wise Contr. Consts. Inc.	
Julian Wise	Wise Contractors Consultants, Inc.	972-824-0600
GEORGE JAMES	HB ZACHRY	267-0430
Leslie Sagar	URS Greiner	(817) 545-0891



# URS Greiner

Project No. E708024.82

*ADDISON AIRPORT*  
*Construct West Side Taxiway and Drainage Improvements*  
*Construction Progress Meeting No. 13*

Minutes of Meeting  
July 15, 1998

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ATTENDEES: See attached Attendance List

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1. Meeting Minutes  
Leslie Sagar stated that draft minutes from the July 9, 1998 meeting would be faxed to everyone at a later date.
2. Contractor's Quality Control Program and Testing Plan  
Leslie Sagar reminded the Contractor that they are responsible for following their Quality Control Program and Testing Plan. Jim Gardner submitted a letter to Leslie Sagar regarding Terra Mar and regarding the concrete that had been placed which exceeded 95 degrees Farenheit in temperature. Leslie Sagar stated she would review the letter after the meeting.
3. Project Schedule  
Majed Limam distributed copies of the two-week look ahead and explained the proposed activities. Phase 2 will start on July 21. The "transfer" from Phase 1 to Phase 2 will occur in the morning. Wayne Crabtree stated that barricades would be set and in place by the evening of July 21. The Contractor will be working during the day for the next 3 to 4 weeks.  
  
Tenants at Driveways 9 and 10 will use Taxiway F, and tenants from Driveways 1 and 2 will use Taxiway C.  
  
AATI is responsible for notfying and coordinating with the tenants.  
  
The Contractor will notify AATI when Taxiway F can be used, and AATI will be responsible for notifying the Tower.
4. Construction / Shop Drawing Submittals by Contractor  
Leslie Sagar distributed a summary log of the Contractor's submittals to date and their review status. There were no revisions since the last meeting on July 9.  
  
Leslie Sagar asked if there were any other submittals that would be forthcoming. Majed Limam indicated that he planned to provide submittals on manhole covers, subbase, and grates.
5. Requests for Information (RFI's)  
Leslie Sagar distributed the updated RFI log. There were no revisions since the last meeting on July 9.

***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***

Construction Progress Meeting Minutes –July 15, 1998

Page 2

6. Operating Procedures

Leslie Sagar stated that URS Greiner is concerned about the lack of a clear operating procedure regarding runway closure/opening. Jim Gardner and Wayne Crabtree also expressed concern and asked that the procedure be covered again prior to future night work activities.

7. Coordination with FAA Tower

Al Devane reported that he was pleased that the stockpile had been removed and there were no coordination problems during the past week.

8. DBE Participation

Leslie Sagar asked Jim Gardner about the status of updated DBE information. Jim Gardner advised that revised information had been submitted to Tex Schmidt on July 9.

9. Contractor's Pay Request

Leslie Sagar stated that she had received the Contractor's pay request. Julian Wise stated that he had reviewed it beforehand. Leslie Sagar stated that she would fax it to Julian for his review/confirmation prior to her signing it.

10. Other Items

a) Wayne Crabtree announced that he is leaving H. B. Zachry, and that July 17 will be his last day. Jim Gardner stated that he will be in charge and that they planned to bring George James into the project. Al Devane stated that he would give George James a tour of the Tower and a briefing on proper radio procedures.

b) Three inlets have been completed (two are backfilled and one still has forms in place). One manhole remains to be constructed.

c) Leslie Sagar advised that Change Orders 1 and 2 are signed and will be forwarded to Bruce Ehly of TxDOT for his signature.

d) Jim Gardner advised that they have requested a permit from the Town of Addison for a concrete batch plant on the Land Reclamation site. If approved by the Town, the plant would be dedicated to the West Taxiway project and Jim Gardner will prepare a plan regarding the P501 mix design for URS Greiner review.

e) Jim Gardner indicated that they are seriously considering placing concrete at night due to the high ambient temperatures during the day, and also because they can get the concrete more easily from TXI at night than during the day. Leslie Sagar advised Jim Pierce that continued night work would have financial implications on the Quality Assurance Testing budget and the RPR Services budget since these budgets had been prepared assuming day work, and night work is more costly.

11. Next Meeting Date

The next meeting will be on **Thursday, July 20, 1998 at 10:00am** 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

Wednesday 15  
Thursday, July 16, 1998  
8:30 a.m.

NAME	ORGANIZATION	TELEPHONE	FAX
1 Leslie Sagar	URS Greiner	(817) 545-0891	(817) 545-0534
2 Michael Linnam	H.B. Zachry Co.	(972) 267-0430	(972) 267-0435
3	"	"	"
4 Julia Wise	Wise Contractors Consultants, Inc.	972-824-0609	
5	H.B. Zachry Co.	972-267-0430	972-267-0435
6 Jim Pierce	Addison	972-450-2879	- 2834
7 Howard DeVane	FAA ATCT	972-239-3125	972-490-4338
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# **URS Greiner**

Project No. E708024.82

**ADDISON AIRPORT**  
**Construct West Side Taxiway and Drainage Improvements**  
**Construction Progress Meeting No. 12**

**Minutes of Meeting**

July 9, 1998

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**ATTENDEES:** See attached Attendance List

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1. Distribution of Meeting Minutes from the June 25, 1998 Meeting  
Tex Schmidt distributed the meeting minutes.
2. Comments on Draft Meeting Minutes from the July 2, 1998 Meeting  
Tex Schmidt stated that copies of the draft meeting minutes had been faxed to Jim Gardner, Jim Pierce, and Zane Ryan prior to the meeting. Jim Gardner stated than Item 9b should changed to indicate that the stockpile would begin to be moved by Monday, July 6. Kurt Horn stated that item 9a should be changed to indicated that the tower advised pilots that the airport was closed and departure was at their own risk.
3. Project Schedule  
Majed Limam distributed copies of the two-week look ahead and explained the proposed activities. Night work within RSA has been completed except for installation of lights and electrical work within RSA. HBZ stated that they would prefer to complete remainder of paving at night due to lugh day-time temperatures and difficulty in obtaining concrete. HBZ will provide lighted barricades. HBZ will begin Phase II on July 21. Relocation of utility pole guy wire near temporary taxiway between Driveways 1 & 2 was discussed. AATI will have to initiate relocation because they are the either the owner of the pole or customer.
4. Construction / Shop Drawing Submittals by Contractor  
Tex Schmidt distributed a summary log of the Contractor's submittals to date and their review status.
5. Requests for Information (RFI's)  
Tex Schmidt distributed the updated RFI log.
6. Coordination with FAA Tower  
No FAA representative was present at the meeting. No problems were reported by the Owner, AATI, Contractor or RPR.
7. Contractor's Quality Control Program and Testing Plan  
Tex Schmidt cautioned the Contractor, in the strongest possible terms, to execute the required QC program, as submitted and approved. HBZ was informed that work would be stopped if QC testing were not performed.

***ADDISON AIRPORT***

***Construct West Side Taxiway and Drainage Improvements***

Construction Progress Meeting Minutes –July 9, 1998

Page 2

8. Unacceptable Work

The concrete that was placed above 95 degrees was discussed. HBZ indicated that they believed that the concrete temperature was actually lower, but they did not have any QC testing to prove it. Jim Gardner indicated that he would be responding in a letter.

9. Nightly Airfield Opening and Closing Procedures

Nightly opening and closing procedures were discussed. Tex Schmidt expressed great concern about the repeated incidents where operation were occurring on a closed runway and stated that URSG was expressing those concerns in writing to the Town of Addison. Once again, it was pointed out that AATI was the only entity that had the authority to open or close the runway.

10. DBE Participation

HBZ provided a form documenting participation by an additional DBE. Tex Schmidt asked the Contractor if they were going to meet their DBE goal. HBZ indicated that they would attempt to meet it.

11. Other Items

Jim Gardner stated that HBZ is considering erecting a concrete plant in the vicinity of the land reclamation project. Jim Pierce stated that they are not allowed in the Town of Addison, but a variance is being considered.

12. Next Meeting Date

Tex Schmidt stated that both he and Leslie would be unavailable next Thursday. The next meeting will be on **Wednesday, July 15, 1998 at 8:30am** 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, July 9, 1998  
8:30 a.m.

NAME	ORGANIZATION	TELEPHONE	FAX
1 Tex Schmidt	URS Greiner	(817) 545-0891	(817) 545-0534
2 Kurt D. Horn	AATI	(972) 248-7732	(972) 248-2416
3		972-267-0430	972-267-0430
4 Mujed Alim	H.B. Zorn	972-267-0430	" "
5 Nancy Wix	Wisconsin Const. Inc.		
6 Jim Pierce	Addison	972-450-2879	- 2834
7 Jim	H.B. Zorn Co.	972-267-0430	
8			
9			
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## Jim Pierce

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**From:** Jim Pierce  
**Sent:** Monday, August 10, 1998 8:46 AM  
**To:** John Baumgartner  
**Subject:** FW: Addison Airport West, Taxiway and Connectors

John: Lets discuss. Jim.

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

**From:** [tschmidt@ursgreiner.com](mailto:tschmidt@ursgreiner.com) [SMTP:tschmidt@ursgreiner.com] <mailto:[tschmidt@ursgreiner.com](mailto:tschmidt@ursgreiner.com)>  
**Sent:** Friday, August 07, 1998 5:38 PM  
**To:** [jpierce@ci.addison.tx.us](mailto:jpierce@ci.addison.tx.us)  
**Cc:** [lsagar@ursgreiner.com](mailto:lsagar@ursgreiner.com)  
**Subject:** Addison Airport West, Taxiway and Connectors

Julian Wise has alerted me to an issue relating to Driveway 4. Apparently when it was constructed, Driveway 4 had a grade of approximately 5%, which does not meet FAA design criteria for any size or type of aircraft.

Our construction plans for Taxiway B require the contractor to remove and replace 15 feet of the driveway, also at 5%, with a grade break at the edge of pavement, which is 17.50 feet from the centerline. Previously, the grade break was approximately 30 feet from the centerline, or 12.50 feet from the new edge of pavement. The plans also call for a reverse crown on the west side of Taxiway B, which will lessen the impact of the grade break.

The concern is that, despite the fact that we are not making the problem worse (in fact we're improving the situation), the driveway will still not meet FAA criteria. We could improve upon the design only by reconstructing the entire driveway and adjacent apron.

Do you want us to take any further action? We plan to discuss at the next meeting.

*What slope will we create?*

*Take no further action -*

**Jim Pierce**

**To:** Jim Gardner (E-mail)

**Cc:** John Baumgartner

**Subject:** Westside Taxiway Additional Fill

The Town has decided to decline your offer to place additional fill in a low area north of Dooley Road. Changing the land contours near navigational equipment can cause the equipment to need recalibration at significant cost. We appreciate the offer and your interest. Thanks, Jim.



**Jim Pierce**

**From:** tschmidt@ursgreiner.com  
**Sent:** Thursday, August 06, 1998 11:16 AM  
**To:** jpierce@ci.addison.tx.us  
**Subject:** Re: Land Reclamation Project

I'll look for it Jim.

I spoke with Julian today. We can expect some extra costs associated with the demolition of an old concrete slab. I'll let you know how much additional cost as soon as I get more information on how big it is. Julian said that they expect to lime stabilize the subgrade this weekend. 28 day breaks are coming in now. So far, I've only seen one low break - 680 psi. I'll have to do some analysis to see what effect it will have on the pay for P-501. Call me if you need anything.

ADDISON AIRPORT

CONSTRUCT WEST TAXIWAY AND CONNECTORS WITH DRAINAGE IMPROVEMENTS  
(SOUTH SEGMENT)  
TXDOT PROJECT NO. 9248 ADDSN

CONSTRUCTION PROGRESS MEETING NO. 14  
JULY 30, 1998  
AGENDA

1. Comments on Draft Meeting Minutes from July 9, 1998 and July 15, 1998 Meetings ✓
2. Contractor's Quality Control Program and Testing Plan ✓
3. Project Schedule ✓
  - a) 2-Week Schedule ✓
  - ~~b) Detailed Night Work Schedule~~
4. Construction / Shop Drawing Submittals by Contractor ✓
5. Requests for Information (RFI's) ✓
6. Coordination with FAA Tower ✓
7. DBE Participation ✓
8. Other Items
9. Next Meeting Date *Aug 13<sup>th</sup> 10 AM*

Activity ID	Activity Description	% Comp	Orig Dur	Early Start	Early Finish	Total Float	1998																											
							APR	MAY			JUN			JUL			AUG			SEP														
							3	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	31	7	14	21	28			
DDA1	30" RCP Excavate, Bed, Lay, & Backfill	77	4	11MAY98A	27JUL98	15	[Gantt Bar: 11MAY98A to 27JUL98]																											
DDX1	Erosion Control / Barricades	70	11	14MAY98A	29JUL98	62	[Gantt Bar: 14MAY98A to 29JUL98]																											
DDK4	Electrical Lighting Signage Phase I	70	10	30JUN98A	29JUL98	30	[Gantt Bar: 30JUN98A to 29JUL98]																											
DDA11	Manholes & Inlets Entire Project	94	5	06JUL98A	24JUL98	7	[Gantt Bar: 06JUL98A to 24JUL98]																											
DDH1A	Paving Phase I Widen Saw & Seal	60	3	16JUL98A	27JUL98	3	[Gantt Bar: 16JUL98A to 27JUL98]																											
MILE2	End of Phase 1	100	0		21JUL98A		[Milestone: 21JUL98A]																											
MILE3	Begin Phase 2	100	0	22JUL98A			[Milestone: 22JUL98A]																											
DDC2	Milling Phase II	100	2	23JUL98A	24JUL98A		[Gantt Bar: 23JUL98A to 24JUL98A]																											
DDD2	Excavate & Haul Phase II	0	13	27JUL98	12AUG98	0	[Gantt Bar: 27JUL98 to 12AUG98]																											
DDD6	Prep. Subgrade Phase II	0	3	13AUG98	17AUG98	0	[Gantt Bar: 13AUG98 to 17AUG98]																											

Project Start	06MAY98		Early Bar
Project Finish	02NOV98		Progress Bar
Data Date	27JUL98		Critical Activity
Run Date	25JUL98		

TXWY

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Addison Airport Taxway

Three Phases/ Two Weeks Look Ahead

Sheet 1A of 18

7-30-98

**URS GREINER, INC.  
REQUEST FOR INFORMATION (RFI) LOG**

Update 07/30/98

URSG Project No.: E708024.81

Project: Addison West Taxiway and Connectors

Location: Addison Airport

Contractor: H.B. Zachry

Project Manager: Leslie Sagar

RFI #	Discipline Code	Description & Remarks	Date Received	Routed To	Date Routed	Date Returned	Date to CONT.	Response Notes
101	C	Access Gate At North End	04/30/98	AATI	05/05/98		05/08/98	Need plan to protect cables
102	E	Existing Electric Wiring Devices	04/30/98	PSA	05/01/98	05/12/98	05/12/98	System has adequate capacity
103	C	Temporary Drainage Between Driveway 9-10 Detour	05/11/98	FTW	05/11/98		05/13/98	Refer to Phasing Plan in Contract Doc.
104	C	1" Dowels into Existing Pavement	05/19/98	FTW	05/19/98	05/19/98	05/19/98	Use thickened edge expansion joint.
105	C	12" Diameter Force Main	05/26/98	FTW	05/26/98	05/26/98	05/26/98	Encase Force Main.
106	C	FAA cable @ Taxiway F	05/30/98	FTW	05/30/98	06/01/98	06/01/98	Encase cable prior to const. subgrade.
107	C	Vertical curve on Taxiway E	06/01/98	FTW	06/02/98	06/02/98	06/02/98	Contractor using old plan sheet.
108	C	Type L Transition Joint	06/10/98	FTW	06/10/98	06/10/98	06/10/98	Contractor instructed build per plans
109	E	2" PVC One Way Electrical Duct (Type A)	06/16/98	FTW	06/16/98	06/17/98	06/18/98	Approved as proposed
110	C	Elevated Taxiway Lighting Concrete Pad	06/16/98	FTW	06/16/98	06/17/98	06/18/98	Approved as proposed
111	C	Type H Taxiway Inlets	07/01/98	FTW	07/01/98	07/07/98	07/07/98	Disapproved
112	C	Temporary taxiway between driveways 1 & 2	07/01/98	FTW	07/01/98	07/07/98	07/07/98	Relocate temporary taxiway
113	E	L-858 Sign Location	07/16/98	PSA	07/24/98			
114	E	ILS Signs	07/23/98	PSA	07/24/98			
115	C	Taxiway E Grades	07/28/98	FTW	07/28/98			

URS GREINER, INC.  
CONSTRUCTION SUBMITTALS / SHOP DRAWING LOG  
UPDATE 7/30/98

URSG Project No: E708024.81  
Project: Addison West Taxiway and Connectors  
Location: Addison Airport  
Project Manager: Leslie Sagar, P.E.  
Contractor  
H.B. Zachry

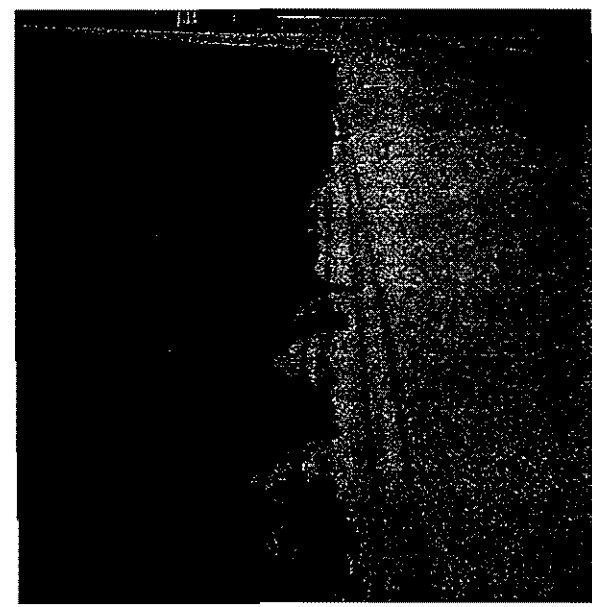
**Status and Approval Legend**

C - Conforms with Concept  
CAN - Conforms as Noted  
RAR - Revise and Resubmit  
DNC - Does not Conform  
NAR - No Action Required  
\* - Contractor to submit specific information as requested in "Conforms as Noted"  
\*\* - Contractor to submit per "Revise and Resubmit"  
\*\*\* - Submittal under URSG review

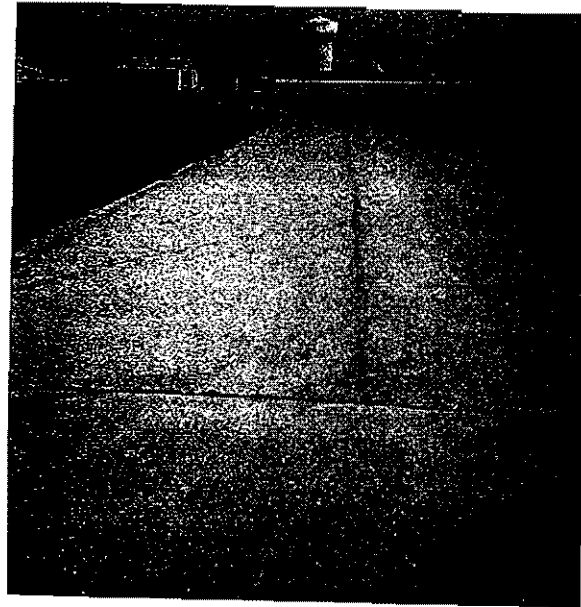
Submittal #	Orig / O Resub / R	Spec. Ref.	Item Description and Remarks	Date Rcvd.	Route To	Date Route	Status	App.	Date Returned	Date Cont.	Comments
101	O		Schedule of Submittals	04/30/98	ABQ	04/30/98		NAR	05/06/98	05/06/98	
102	O	P-155	Commercial Lime Slurry	04/30/98	ABQ	04/30/98	*	CAN	05/06/98	05/06/98	Spec controlling project is P-155, not TxDOT
103	O	D-701	Pipe for Storm Drain / Plastic Gaskets	04/30/98	ABQ	04/30/98		C	05/11/98	05/11/98	
104	O	501/610	Concrete Mix Design	04/30/98	ABQ	04/30/98		RAR	05/06/98	05/06/98	Separate submittals required for P-501 & P-610
104A	R	P-501	Concrete Mix Design	05/08/98	FTW	05/11/98	**	DNC		05/13/98	Need beam breaks, gradation out of spec.
104A	R	P-501	Concrete Mix Design	05/18/98	FTW	05/18/98	**	DNC	05/19/98	05/19/98	See letter to Jim Gardner dated 5/19/98
104B	R	P-610	Concrete Mix Design	05/08/98	FTW	05/11/98	**	DNC		05/13/98	Gradation does not meet spec
104D	R	P-501	Concrete Mix Design	06/30/98	FTW	06/30/98		C	07/07/98	07/07/98	
105	O	P-209	Lab Test Report & FA/CA Analysis	04/30/98	ABQ	04/30/98	**	RAR	05/06/98	05/06/98	P-209 Spec requires aggregate, not crushed P
106	O		Safety and Health Responsibilities	04/30/98	ABQ	04/30/98		NAR	05/11/98	05/11/98	
107	O	GP-80	Contractor's Project Schedule (2 Phases)	05/01/98	ABQ	05/01/98	***				Two Phase proposal not approved
107A	R	GP-80	Contractor's Project Schedule (3 phases)	05/08/98	FTW	05/11/98	**	DNC		05/12/98	Exceeds 180 calendar day schedule
107A	R	GP-80	Contractor's Project Schedule (3 phases)	05/21/98	FTW	05/21/98	**	DNC		05/26/98	Activities are late.
107B	R	GP-80	Contractor's Project Schedule (3 phases)	06/02/98	FTW	06/02/98		CAN	06/11/98	06/11/98	HBZ advised to avoid July 4th weekend
108	O	L-125	Lighting Plans	05/01/98	PSA	05/01/98	*	CAN	05/12/98	05/12/98	Txy "B", not "8"
109	O	P-156	SWPPP	05/06/98	ABQ	05/06/98		C	05/11/98	05/11/98	
110	O	P-501	Proposed Mixed Design for Txy F	05/06/98	ABQ	05/06/98	**	RAR	05/11/98	05/11/98	Additional data required
111	O	TX-340	Mix Design for Bituminous Base Course	05/06/98	ABQ	05/06/98	*	CAN	05/11/98	05/11/98	Asphalt cement shall conform to TxDOT 300
111A	R	TX-340	Mix Design for Bituminous Base Course	05/21/98	FTW	05/21/98		C	06/01/98	06/02/98	Includes RAP
112	O	P-401	Mix Design for Bituminous Surface Course	05/06/98	ABQ	05/06/98	***				Not in contract
112A	R	TX-340	Mix Design for Bituminous Surface Course	05/21/98	FTW	05/21/98		C	06/01/98	06/02/98	
113	O	L-110	Electrical Hand Holes	05/06/98	PSA	05/06/98		C	05/12/98	05/12/98	
114	O	L-110/108	Electrical Cables / Electrical Ducts	05/08/98	PSA	05/11/98		C	05/12/98	05/12/98	
115	O		DBE Subcontractor Information	05/08/98	Clyde	05/11/98		NAR		05/13/98	
116	O	GP-100	Contractor's Quality Control Program	05/08/98	FTW	05/11/98	**	DNC		05/13/98	Testing plan is incomplete
116	R	GP-100	Contractor's Quality Control Program	05/21/98	FTW	05/21/98		C	05/22/98	05/26/98	
117	O		Protection of FAA cables	05/14/98	FTW	05/14/98		CAN	05/21/98	05/21/98	
120	R	610	Concrete Mix Design	06/08/98	FTW	06/08/98		C	06/11/98	06/11/98	Originally submittal No. 104B
121	O	P-605	Joint Sealant	06/18/98	FTW	06/18/98		RAR	06/19/98	06/19/98	Fax copy not legible, resubmit
122	O	P-501	Concrete Curing Compound	06/19/98	FTW	06/19/98		CAN	06/23/98	06/23/98	Application rate
123	O		Pour Sequence for Taxiway F	06/19/98	FTW	06/22/98	***				Letter faxed to HBZ on 6/24/98 re: concerns
121	R	P-605	Joint Sealant	06/23/98	FTW	06/23/98		DNC	06/23/98	06/23/98	Does not meet P-605 specifications
121B	R	P-605	Joint Sealant and Lubricant	06/29/98	FTW	06/29/98		C	07/01/98	07/01/98	
124	O	P-501	Dowel Bars	07/07/98	FTW	07/07/98		C	07/17/98	07/17/98	



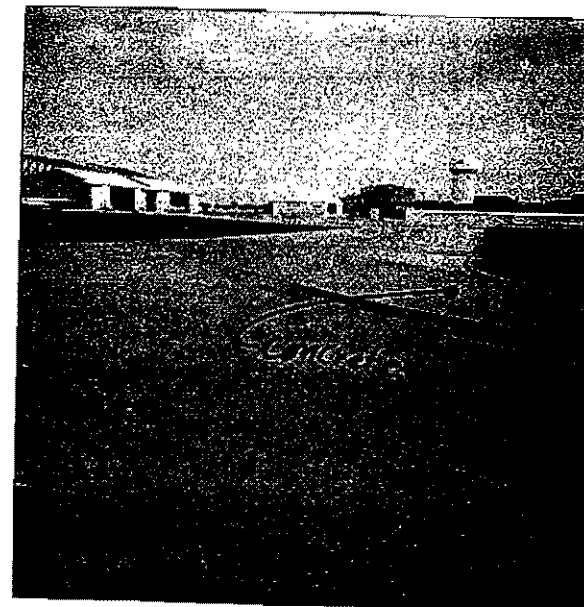
Taxiway C 9-25-98  
Asphalt over concrete



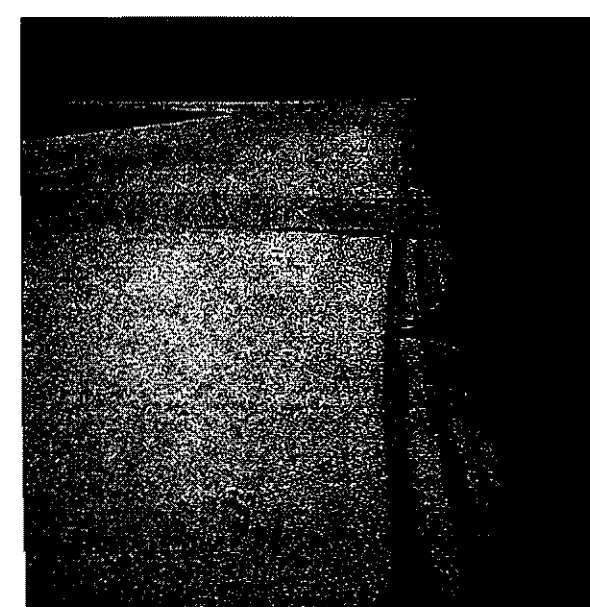
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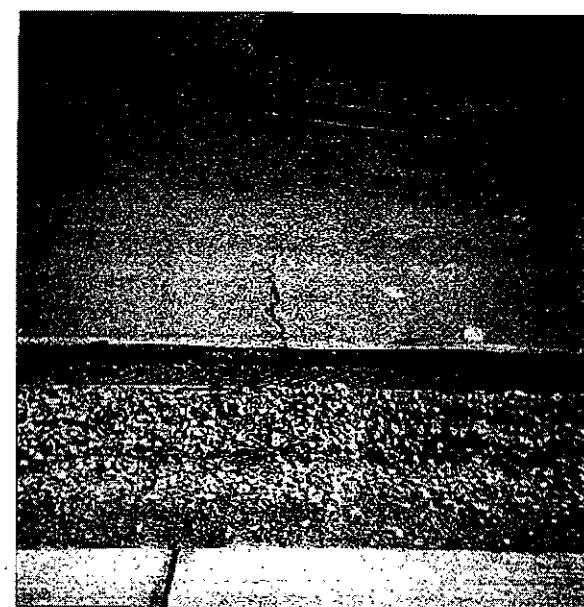
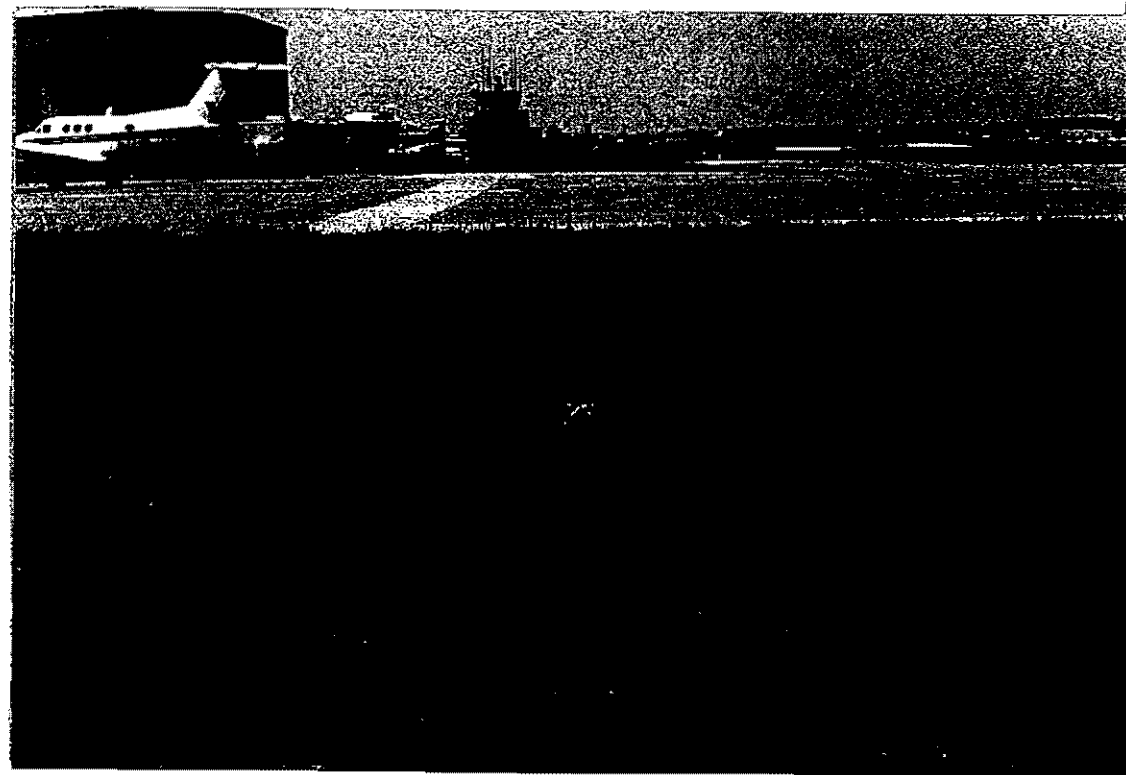
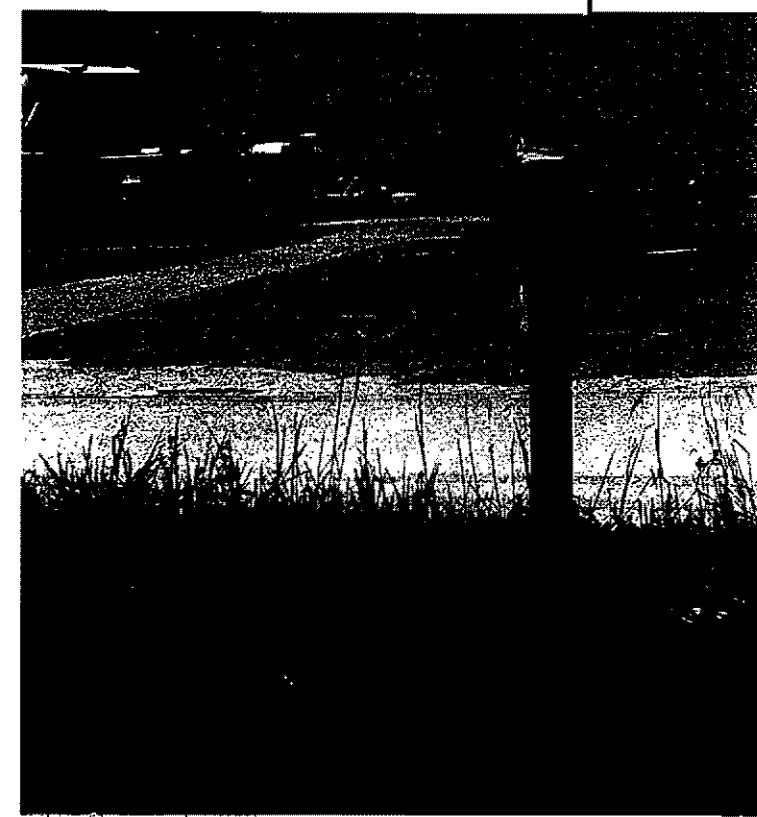
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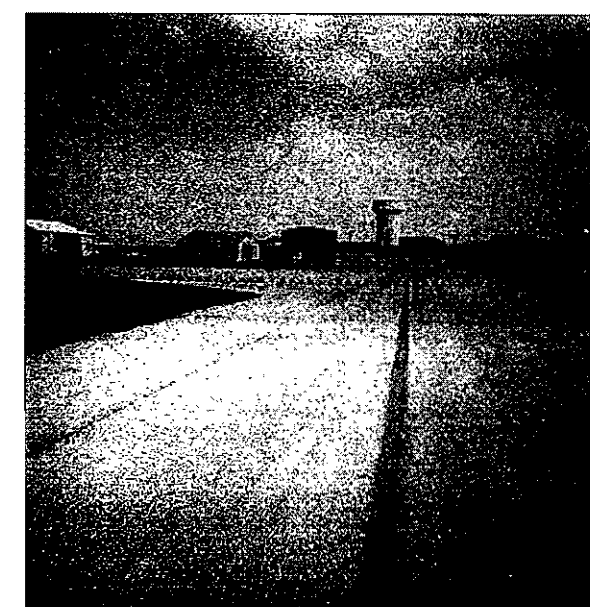
Taxiway C 9-25-98



Taxiway C 9-25-98



Taxiway C 9-25-98  
Asphalt over concrete



Taxiway C - 9-25-98