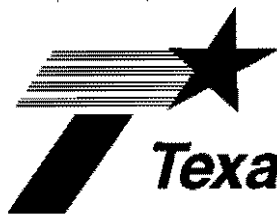


AIRPORT TERMINAL APRON THU 12/03



Texas Department of Transportation

AVIATION DIVISION

125 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • 512/ 416-4500 • FAX 512/416-4510

August 4, 2004

Mr. Jim Pierce
Asst. City Engineer
Town of Addison
5300 Belt Line Road
Dallas, TX 75254

RE: Addison Airport: TxDOT # 0318ADDON

Dear Mr. Pierce:

Enclosed for your records is a copy of executed Supplemental Agreement No. 2 to the construction document for TxDOT Project Number 0318ADDON, between the Texas Department of Transportation, agent for the Town of Addison, and Site Concrete, Inc.

If you have any questions, please feel free to call me at 1-800-687-4568 extension 4518.

Sincerely,

Edie Stimach
Grant Manager

SUPPLEMENTAL AGREEMENT NO. 2
 TO AGREEMENT BETWEEN
 TOWN OF ADDISON AND SITE CONCRETE, INC.
 TxDOT CSJ NO. 0318ADDON CONTRACT NO. 03X2AV097

On January 7, 2004 a contract was entered into by and between the Town of Addison, acting by and through its agent, the Texas Department of Transportation, and Site Concrete, Inc., Contractor, for airport improvements as is more fully described in the Contract Documents. The contract was amended on March 9, 2004 by executed Supplemental No. 1 and on May 11, 2004 by executed Change Order 1 for additional work.

The contractor agreed to perform all the work described in the Contract Documents for a sum not to exceed **\$1,616,007.40**

In compliance of General Provisions, Section 40-02, Alteration of Quantities and Section 40-04 Extra Work, it is deemed necessary to amend the contract documents for construction of the new pavement design for Hangar Access Taxiways A & B at the Addison Airport.

It is hereby agreed between the parties hereto that to the items in the contract the following items be **DELETED**:

Item Number	Est. Qty	Unit	Item	Unit Price	Total Amount
			HANGAR A		
25	-1650	SY	P-304-1; Cement treated Base Course - 6"	\$12.50	-\$20,625.00
27	-958	SY	8" PCC paving, non-reinforced	\$30.00	-\$28,740.00
28	-372	SY	P-501-6; 8" PCC Pavement, reinforced	\$31.00	-\$11,532.00
29	-533	SY	P-501-7; 8-10" PCC Pavement, non-reinforced	\$37.00	-\$19,721.00
30	-100	SY	P-501-8; 8-10" PCC Pavement, reinforced	\$39.00	-\$3,900.00
			HANGAR B		
38	-2202	SY	P-304-1; Cement treated Base Course - 6"	\$12.50	-\$27,525.00
41	-1059	SY	P-501-5; 8"PCC Pavement, non reinforced	\$31.00	-\$32,829.00
42	-1344	SY	P-501-7; 8-10" PCC Pavement, non-reinforced	\$39.00	-\$52,416.00
			TOTAL DELETED		-\$197,288.00

It is hereby agreed between the parties hereto that to the items in the contract the following items be **ADDED**:

Item Number	Est. Qty	Unit	Item	Unit Price	Total Amount
			HANGAR A		
S2.1	958	SY	P-501-7; 10" PCC Paving, non-reinforced	\$37.00	\$35,446.00
S2.2	372	SY	P-501-8; 10" PCC Pavement, reinforced	\$39.00	\$14,508.00
S2.3	533	SY	10-12" PCC Paving, non-reinforced	\$42.00	\$22,386.00
S2.4	100	SY	10-12" PCC Paving, reinforced	\$44.00	\$4,400.00
S2.5	3130	SY	Lime treated subgrade, phases 1 & 2	\$1.70	\$5,321.00
S2.6	57	TON	Lime , 36 lbs/sy, phases 1 & 2	\$85.00	\$4,845.00
S2.7	89	SY	10" Reinforced Concrete Area @ Approach	\$39.00	\$3,471.00
S2.8	986	CY	Unclassified excavation	\$7.00	\$6,902.00
S2.9	1	LS	Barricades	\$2,500.00	\$2,500.00
			HANGAR B		
S2.10	858	SY	P-501-7; 10" PCC Paving, non-reinforced	\$37.00	\$31,746.00
S2.11	1344	SY	10-12" PCC Paving, non-reinforced	\$42.00	\$56,448.00
S2.12	4412	SY	Lime treated subgrade, phases 1 & 2	\$1.70	\$7,500.40
S2.13	72	TON	Lime , 36 lbs/sy, phases 1 & 2	\$85.00	\$6,120.00
S2.14	1557	CY	Unclassified excavation	\$7.00	\$10,899.00
S2.15	1	LS	Barricades	\$7,500.00	\$7,500.00
S2.16	54	LF	12" RCP	\$50.00	\$2,700.00
S2.17	12	LF	18" RCP	\$55.00	\$660.00
S2.18	55	TON	Temp HMA	\$100.00	\$5,500.00
S2.19	26	ton	Bituminous surface course	\$100.00	\$2,600.00
			TOTAL ADDED		\$231,452.40

The Contractor agrees to perform all the work described in the Contract Documents for a sum not to exceed \$1,650,171.80. This price shall be full compensation for all labor, materials, equipment and incidentals necessary to complete the work as described in the plans and specifications.

The contract time will be increased by 7 calendar days; contract time with all approved change orders and supplemental agreements will be 169 calendar days.

It is further agreed, that no other provisions of the contract, plans, specifications or special provisions shall be changed by this agreement.

In, witness whereof, the parties hereto have executed, or caused to be executed by their duly authorized officials this agreement, in triplicate, each of which shall be deemed an original first written above.

CONTRACTOR

Date: 7-28-04

By: [Signature]
Name: Mike Boney
(Please Print)

3340 Ray ORR Blvd
(Address)

Grand Prairie TX 75050
(City, State, Zip Code)

Title: Vice President of Site
(Name of Firm) Concrete

972-313-0733
(Phone Number)

THE STATE OF TEXAS

COUNTY OF

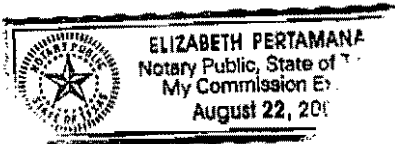
Before me, the undersigned authority, on this day personally appeared MIKE BONEY, known to me to be the Contractor named in this contract, and is the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she has authority to execute and has executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 28th day of JULY, 2004.

[Signature]
Notary Public, State of Texas

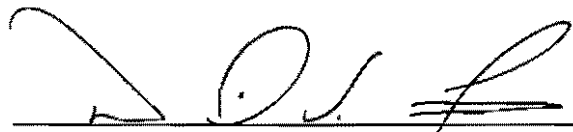
ELIZABETH PERTAMANA
(Printed or typed name)

8/22/7.
My Commission expires



Acceptance by the State

Executed by and approved for the Texas Transportation Commission, agent for the Sponsor, for the purpose and effect of activating and/or carrying out the orders, established policies, or work programs heretofore approved and authorized by the Texas Transportation Commission.

By: 

Date: 8/5/04

Addison!

JIM PIERCE, P.E.
Assistant Public Works Director
(972) 450-2879
(972) 450-2837 FAX
jpierce@ci.addison.tx.us

Town of Addison 16801 Westgrove Dr. P.O. Box 9010, Addison, Texas 75001-9010

12-3-03

Mark - Here is my analysis
of the Apron Project costs
according to Tony Krauss'
revised Project Cost Estimate.

We are still OK.

For your files

Jim

Apron Project

12-3-03

Airport Budgeted Amount	\$ 197,000
<hr/>	
Sponsor's Share of eligibles	\$ 211,737.50
Ineligibles	+ 18,000.00
Total Sponsors Share:	\$ 229,737.50
Less Budgeted Amt	- 197,000
Amount "short"	\$ 32,737.50
Due from Frisco Lay Project	- 18,000.00
Transfer of Funds from AWOS*	- 21,750.00
" Surplus" for Project	\$ 6,512.50

* Tx DOT advises they will receive the Federal money for AWOS in July or August. We will not need all of our share until FY'05. In FY '04 we will need about \$600⁰⁰.

That means we will need to rebudget AWOS in the FY '05 budget.

12-2-03

Project Cost Estimate

Airport Name: Addison Airport TxDOT CSJ No.: 0318ADDON

August 2003 Commission Approved Amount for Construction: \$ 2,574,700.00

Construction Contractor Award: \$ 1,731,000.00

Commission Approval Amount:	\$ \$ 2,574,700.00
Base Bid	\$ 1,033,000
Add Alt # 1	\$ 203,000
Add Alt # 2	\$ 304,000
Add Alt # 3	\$ 173,000
Total of Base bid and alternates	\$ 1,713,000.00 ✓
Bonus Pay: (P501 @ 6%)	
Base bid	\$31,611 ✓
Add Alt 1	\$6227 ✓
Add Alt 2	\$9532 ✓
Add Alt 3	\$5837 ✓
RPR: @\$45/hr NTE	\$ 60,000 -
Testing (not LS)	\$ 15,000 -
Construction Phase Engineering Fee	\$ 14,280 ✓
Close Out Phase Engineering Fee	\$ 3,448 -
Advertisement	\$ 1,440.00 -
Contingency @ 15% on \$1,713,000	\$ 257,000 -
Total Eligible Amount-----	\$ 2,117,375.00 ✓
Sponsor's share of eligibles @ 10%-----	\$ 211,737.50 ✓
Ineligibles	
Item 1 D701-2 12" RCP \$50/lf for \$10,200	\$ 18,000.00 ✓
Item 2 D751-2 Type B inlet \$3500 ea for \$7,000	
Item 3 Neenah R-3475 \$400 ea for \$800	
Total sponsor's share-----	\$ 229,737.50

Jim Pierce

From: Jim Pierce
Sent: Thursday, November 20, 2003 10:00 AM
To: Mark Acevedo; Lisa Pyles (E-mail)
Subject: FW: Addison Airport Const cost estimate

Importance: High



Addconstcost11-19
-03.doc

Please see attached. Tony has put his project budget together. He first figured it using a 15% contingency, and at my request, refigured it using a 10% contingency. Considering we have \$197,000 available, with a 15% contingency, we are \$16,537.50 short for our share. With a 10% contingency, we are \$7,967.50 short. If we can't come up with these additional funds, Add Alternate #3 will have to be dropped which is worth \$173,000.

Hopefully you all can find the additional funds to save Alt. #3. I need to let Tony know early next week. Thanks,

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

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

From: Tony Krauss [mailto:TKRAUSS@dot.state.tx.us]
Sent: Wednesday, November 19, 2003 11:36 AM
To: Jim Pierce
Subject: Addison Airport Const cost estimate

Jim: here is the cost of the project with details. You can play with the numbers to remove add alternates as you wish to see what the budget will look like.

We can go with 10% contingency, but if we go over in construction due to an unforeseen situation, we would have to bill you and receive the money before proceeding with whatever the situation calls for.

After you review it, we can talk about if you want.

Regards,
Tony

MEMORANDUM

Project Cost Estimate

Airport Name: Addison Airport TxDOT CSJ No.: 0318ADDON

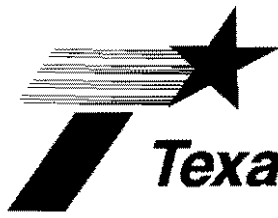
August 2003 Commission Approved Amount for Construction: **\$ 2,574,700.00**

Construction Contractor Award: \$ 1,731,000.00

Commission Approval Amount:	\$ \$ 2,574,700.00
Base Bid	\$ 1,033,000
Add Alt # 1	\$ 203,000
Add Alt # 2	\$ 304,000
Add Alt # 3	\$ 173,000
Bonus Pay: (P501 @ 6%)	
Base bid	31,611
Add Alt 1	6227
Add Alt 2	9532
Add Alt 3	5837
RPR: REL will provide NTE	\$ 60,000
Testing (not LS)	\$ 15,000
Construction Phase Engineering Fee	\$ 14,280
Close Out Phase Engineering Fee	\$ 3,448
Ineligibles	\$ 18,000
Advertisement	\$ 1,440.00
Contingency @ 15% on \$1,713,000	\$ 257,000
Contingency @ 10% on \$ 1,713,000	\$ 171,300
Total Grant Amount-----	\$ 2,135,375.00
Total Grant Amount w/ 10% cont-----	\$ 2,049,675.00
Sponsor's share	\$ 213,537.5
Sponsor's share w/ 10% cont	\$ 204,967.50
Sponsor's submittal to date	\$ 143,900.00

*This not
subject to
90%/10%
split*

*"Short"
\$ 16,537.50
\$ 7,967.50*



Texas Department of Transportation

AVIATION DIVISION

125 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • 512/ 416-4500 • FAX 512/416-4510

MR JIM PIERCE
ASST CITY ENGR TOWN OF ADDISON
P O BOX 9010
ADDISON TX 75001
5300 BELT LINE ROAD
DALLAS, TX 75254

Dear Mr. Pierce:

Attached is the requested bid tabulation for Addison Airport construction project.

Please feel free to contact me if you need further assistance.

Sincerely,

A handwritten signature in cursive script that reads "Edie Stimach".

Edie Stimach
Grant Manager

ADDISON AIRPORT PAVEMENT RECONSTRUCTION
TxDOT CSJ # 0318ADDON

ENGINEERS ESTIMATE

Bid

Bid

Bid

Bid

Base Bid U.S. Customs Pavement Reconstruction							1	2	3	4				
Item	Spec	Qty	Unit	Description	Numeric Unit Price	Total Price	UNIT PRICE	SUTTON & ASSOCIATES	UNIT PRICE	TEXAS STERLING	UNIT PRICE	OMEGA CONSTRUCTING	UNIT PRICE	REBCON
				Written Unit Price										
1	M-101-1	1	LS	Mobilization	\$76,000.00	\$76,000.00	\$57,000.00	\$57,000.00	\$50,100.00	\$50,100.00	\$90,000.00	\$90,000.00	\$64,000.00	\$64,000.00
2	M-102	1	LS	Maintenance of Traffic	\$76,000.00	\$76,000.00	\$5,000.00	\$5,000.00	\$38,800.00	\$38,800.00	\$35,000.00	\$35,000.00	\$58,000.00	\$58,000.00
3	P-150-1	10,100	SY	Remove Bituminous Pavements	\$7.00	\$70,700.00	\$3.00	\$30,300.00	\$7.00	\$70,700.00	\$14.00	\$141,400.00	\$6.00	\$60,600.00
4	P-150-2	560	SY	Removal Concrete Pavement	\$20.00	\$11,200.00	\$14.50	\$8,120.00	\$5.00	\$2,800.00	\$15.00	\$8,400.00	\$10.00	\$5,600.00
5	P-152-1	5,200	CY	Unclassified Excavation	\$7.00	\$36,400.00	\$17.25	\$89,700.00	\$9.00	\$46,800.00	\$13.00	\$67,600.00	\$20.00	\$104,000.00
6	P-155-1	11,750	SY	Lime Treated Subgrade, 6" depth	\$2.50	\$29,375.00	\$2.50	\$29,375.00	\$3.00	\$35,250.00	\$2.00	\$23,500.00	\$3.00	\$35,250.00
7	P-155-2	211	TON	Lime (5%)	\$100.00	\$21,100.00	\$115.00	\$24,265.00	\$105.00	\$22,155.00	\$130.00	\$27,430.00	\$100.00	\$21,100.00
8	P-157-1	550	LF	Silt Fence	\$5.00	\$2,750.00	\$3.00	\$1,650.00	\$2.00	\$1,100.00	\$2.00	\$1,100.00	\$1.80	\$990.00
9	P-304-1	12,200	SY	Cement Treated Base Course, 6"	\$15.00	\$183,000.00	\$14.50	\$176,900.00	\$12.00	\$146,400.00	\$21.00	\$256,200.00	\$14.00	\$170,800.00
10	P-401-1	110	TON	Bituminous Surface Course	\$200.00	\$22,000.00	\$85.00	\$9,350.00	\$68.00	\$7,480.00	\$83.00	\$9,130.00	\$72.00	\$7,920.00
11	P-501-1	7,625	SY	12 inch PCC Pavement, Non-Reinforced	\$45.00	\$343,125.00	\$53.00	\$404,125.00	\$43.00	\$327,875.00	\$44.40	\$338,550.00	\$60.00	\$457,500.00
12	P-501-2	850	SY	12 inch PCC Pavement, Reinforced	\$48.00	\$40,800.00	\$56.00	\$47,600.00	\$58.00	\$49,300.00	\$52.40	\$44,540.00	\$62.00	\$52,700.00
13	P-501-3	2,250	SY	12-15 inch PCC Pavement, Non-Reinforced	\$50.00	\$112,500.00	\$63.00	\$141,750.00	\$50.00	\$112,500.00	\$48.00	\$108,000.00	\$64.00	\$144,000.00
14	P-501-4	1,075	SY	12-15 inch PCC Pavement, Reinforced	\$53.00	\$56,975.00	\$66.00	\$70,950.00	\$67.00	\$72,025.00	\$53.00	\$56,975.00	\$66.00	\$70,950.00
15	P-603-1	92	GAL	Bituminous Tack Coat	\$10.00	\$920.00	\$1.50	\$138.00	\$3.95	\$363.40	\$3.50	\$322.00	\$3.00	\$276.00
16	P-612-1	410	SY	Milling Bituminous Pavement, 1 1/2 depth	\$8.00	\$3,280.00	\$10.50	\$4,305.00	\$4.92	\$2,017.20	\$12.00	\$4,920.00	\$7.00	\$2,870.00
17	SP-21	42	EA	Tie Downs-Neenah R-3490-A	\$350.00	\$14,700.00	\$350.00	\$14,700.00	\$130.00	\$5,460.00	\$100.00	\$4,200.00	\$100.00	\$4,200.00
18	P-620-1	8,100	SF	Pavement Marking, Non Reflective 4" Yellow	\$2.00	\$16,200.00	\$2.00	\$16,200.00	\$2.00	\$16,200.00	\$1.50	\$12,150.00	\$1.30	\$10,530.00
19	T-904-1	250	SY	Sodding	\$60.00	\$15,000.00	\$4.00	\$1,000.00	\$3.00	\$750.00	\$4.00	\$1,000.00	\$5.00	\$1,250.00
Sub Total Base Bid						\$1,132,025.00		\$1,132,428.00		\$1,008,075.60		\$1,230,417.00		\$1,272,536.00

Additive Alternate No. 1 - Hangars 'A'							1	2	3	4				
Item	Spec	Qty	Unit	Description	Numeric Unit Price	Total Price	UNIT PRICE	SUTTON & ASSOCIATES	UNIT PRICE	TEXAS STERLING	UNIT PRICE	OMEGA CONSTRUCTING	UNIT PRICE	REBCON
				Written Unit Price										
1	M-101-1	1	LS	Mobilization	\$18,000.00	\$18,000.00	\$12,000.00	\$12,000.00	\$9,800.00	\$9,800.00	\$3,200.00	\$3,200.00	\$13,000.00	\$13,000.00
2	M-102	1	LS	Maintenance of Traffic	\$18,000.00	\$18,000.00	\$5,000.00	\$5,000.00	\$6,300.00	\$6,300.00	\$3,000.00	\$3,000.00	\$7,000.00	\$7,000.00
3	P-150-1	3,160	SY	Remove Bituminous Pavements	\$7.00	\$22,120.00	\$3.00	\$9,480.00	\$9.00	\$28,440.00	\$3.00	\$9,480.00	\$4.00	\$12,640.00
4	P-152-1	250	CY	Unclassified Excavation	\$7.00	\$1,750.00	\$16.00	\$4,000.00	\$10.00	\$2,500.00	\$13.00	\$3,250.00	\$27.00	\$6,750.00
5	P-157-1	315	LF	Silt Fence	\$5.00	\$1,575.00	\$3.00	\$945.00	\$2.00	\$630.00	\$2.00	\$630.00	\$2.00	\$630.00
6	P-304-1	3,100	SY	Cement Treated Base Course, 6"	\$15.00	\$46,500.00	\$14.60	\$45,260.00	\$13.00	\$40,300.00	\$14.20	\$44,020.00	\$18.00	\$55,800.00
7	P-401-1	35	TON	Bituminous Surface Course, 6"	\$200.00	\$7,000.00	\$100.00	\$3,500.00	\$116.00	\$4,060.00	\$100.00	\$3,500.00	\$75.00	\$2,625.00
8	P-501-5	1,050	SY	8 inch PCC Pavement, Non Reinforced	\$40.00	\$42,000.00	\$45.00	\$47,250.00	\$37.00	\$38,850.00	\$37.50	\$39,375.00	\$50.00	\$52,500.00
9	P-501-6	972	SY	8 inch PCC Pavement, Reinforced	\$41.00	\$40,852.00	\$48.00	\$46,656.00	\$39.00	\$37,908.00	\$41.00	\$39,852.00	\$52.00	\$50,544.00
10	P-501-7	533	SY	8 - 10 inch PCC Pavement, Non-Reinforced	\$43.00	\$22,985.00	\$53.00	\$28,249.00	\$43.00	\$22,919.00	\$45.50	\$24,251.50	\$54.00	\$28,782.00
11	P-501-8	575	SY	8-10 inch PCC Pavement, Reinforced	\$48.00	\$27,600.00	\$57.00	\$32,775.00	\$45.00	\$25,875.00	\$54.30	\$31,222.50	\$56.00	\$32,200.00
12	P-603-1	30	GAL	Bituminous Tack Coat	\$10.00	\$300.00	\$1.50	\$45.00	\$10.00	\$300.00	\$8.00	\$240.00	\$4.00	\$120.00
13	T-904-1	760	SY	Sodding	\$60.00	\$45,600.00	\$4.00	\$3,040.00	\$3.00	\$2,280.00	\$4.00	\$3,040.00	\$4.00	\$3,040.00
Sub Total Additive Alternate No. 1						\$ 294,282.00		\$238,200.00		\$220,162.00		\$205,061.00		\$265,631.00

Additive Alternate No. 2 - Hangars 'B'							1	2	3	4				
Item	Spec	Qty	Unit	Description	Numeric Unit Price	Total Price	UNIT PRICE	SUTTON & ASSOCIATES	UNIT PRICE	TEXAS STERLING	UNIT PRICE	OMEGA CONSTRUCTING	UNIT PRICE	REBCON
				Written Unit Price										
1	M-101-1	1	LS	Mobilization	\$23,000.00	\$23,000.00	\$17,600.00	\$17,600.00	\$15,700.00	\$15,700.00	\$4,200.00	\$4,200.00	\$17,000.00	\$17,000.00
2	M-102	1	LS	Maintenance of Traffic	\$23,000.00	\$23,000.00	\$5,000.00	\$5,000.00	\$7,400.00	\$7,400.00	\$4,000.00	\$4,000.00	\$8,000.00	\$8,000.00
3	P-150-1	5,020	SY	Remove Bituminous Pavements	\$7.00	\$35,140.00	\$3.00	\$15,060.00	\$10.00	\$50,200.00	\$3.00	\$15,060.00	\$5.00	\$25,100.00
4	P-152-1	250	CY	Unclassified Excavation	\$7.00	\$1,750.00	\$16.00	\$4,000.00	\$14.00	\$3,500.00	\$13.00	\$3,250.00	\$28.00	\$7,000.00
5	P-157-1	1,115	LF	Silt Fence	\$5.00	\$5,575.00	\$3.00	\$3,345.00	\$2.00	\$2,230.00	\$2.00	\$2,230.00	\$1.50	\$1,672.50
6	P-304-1	4,440	SY	Cement Treated Base Course, 6"	\$15.00	\$66,600.00	\$15.60	\$69,264.00	\$12.00	\$53,280.00	\$14.00	\$62,160.00	\$15.00	\$66,600.00
7	P-401-1	100	TON	Bituminous Surface Course	\$200.00	\$20,000.00	\$90.00	\$9,000.00	\$95.00	\$9,500.00	\$85.00	\$8,500.00	\$100.00	\$10,000.00
8	P-401-2	30	TON	Bituminous Surface Course Temporary Pavement	\$200.00	\$6,000.00	\$100.00	\$3,000.00	\$192.00	\$5,760.00	\$115.00	\$3,450.00	\$150.00	\$4,500.00
9	P-501-5	1,650	SY	8 inch PCC Pavement, Non Reinforced	\$40.00	\$66,000.00	\$45.00	\$74,250.00	\$36.00	\$59,400.00	\$37.50	\$61,875.00	\$45.00	\$74,250.00
10	P-501-7	2,762	SY	8 - 10 inch PCC Pavement, Non-Reinforced	\$45.00	\$124,290.00	\$53.00	\$146,386.00	\$40.00	\$110,480.00	\$41.00	\$113,242.00	\$49.00	\$135,338.00
11	P-603-1	90	GAL	Bituminous Tack Coat	\$10.00	\$900.00	\$1.50	\$135.00	\$1.00	\$90.00	\$3.60	\$324.00	\$4.00	\$360.00
12	T-904-1	170	SY	Sodding	\$60.00	\$10,200.00	\$4.00	\$680.00	\$3.00	\$510.00	\$4.00	\$680.00	\$5.00	\$850.00
Sub Total Additive Alternate No. 2						\$ 382,455.00		\$347,720.00		\$318,050.00		\$278,971.00		\$350,670.50

Additive Alternate No. 3 - Hangars 'C'

ADDISON AIRPORT PAVEMENT RECONSTRUCTION
TxDOT CSJ # 0318ADDON

Item	Spec	Qty	Unit	Description	Numeric Unit Price	Total Price	UNIT PRICE	SUTTON & ASSOCIATES	UNIT PRICE	TEXAS STERLING	UNIT PRICE	OMEGA CONSTRUCTING	UNIT PRICE	REBCON
					Written Unit Price									
1	M-101-1	1	LS	Mobilization	\$ 18,000.00	\$18,000.00	\$10,400.00	\$10,400.00	\$10,000.00	\$10,000.00	\$5,200.00	\$5,200.00	\$12,000.00	\$12,000.00
2	M-102-1	1	LS	Maintenance of Traffic	\$ 18,000.00	\$18,000.00	\$5,000.00	\$5,000.00	\$12,300.00	\$12,300.00	\$6,500.00	\$6,500.00	\$9,000.00	\$9,000.00
3	P-150-1	3,120	SY	Remove Bituminous Pavements	\$ 7.00	\$21,840.00	\$3.00	\$9,360.00	\$11.00	\$34,320.00	\$3.00	\$9,360.00	\$7.00	\$21,840.00
4	P-150-3	1	EA	Remove Drainage Structure	\$ 2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$575.00	\$575.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
5	P-150-4	141	LF	Remove Pipe	\$ 10.00	\$1,410.00	\$10.00	\$1,410.00	\$19.00	\$2,679.00	\$8.00	\$1,128.00	\$10.00	\$1,410.00
6	P-152-1	1,250	CY	Unclassified Excavation	\$ 7.00	\$8,750.00	\$15.80	\$19,750.00	\$9.00	\$11,250.00	\$13.00	\$16,250.00	\$15.00	\$18,750.00
7	P-157-1	420	LF	Silt Fence	\$ 5.00	\$2,100.00	\$3.00	\$1,260.00	\$2.00	\$840.00	\$2.00	\$840.00	\$1.80	\$756.00
8	P-501-5	1,750	SY	8 inch PCC Pavement, Non Reinforced	\$ 40.00	\$70,000.00	\$45.00	\$78,750.00	\$34.00	\$59,500.00	\$37.50	\$65,625.00	\$54.00	\$94,500.00
9	P-501-6	93	SY	8 inch PCC Pavement, Reinforced	\$ 41.00	\$3,813.00	\$48.00	\$4,464.00	\$42.00	\$3,906.00	\$41.00	\$3,813.00	\$56.00	\$5,208.00
10	P-501-7	790	SY	8 - 10 inch PCC Pavement, Non-Reinforced	\$ 45.00	\$35,550.00	\$53.00	\$41,870.00	\$41.00	\$32,390.00	\$42.60	\$33,654.00	\$58.00	\$45,820.00
11	P-501-8	325	SY	8-10 inch PCC Pavement, Reinforced	\$ 48.00	\$15,600.00	\$57.00	\$18,525.00	\$58.00	\$18,850.00	\$54.30	\$17,647.50	\$60.00	\$19,500.00
12	D-701-1	141	LF	18" Class IV RCP	\$ 55.00	\$7,755.00	\$55.00	\$7,755.00	\$46.00	\$6,486.00	\$53.00	\$7,473.00	\$65.00	\$9,165.00
13	D-751-1	1	EA	Inlet, Type A	\$ 6,000.00	\$6,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00
14	F-162-1	1	EA	Temporary Gate	\$ 1,750.00	\$1,750.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$1,500.00	\$1,500.00
15	T-904-1	570	SY	Sodding	\$ 60.00	\$34,200.00	\$4.00	\$2,280.00	\$3.00	\$1,710.00	\$4.00	\$2,280.00	\$5.00	\$2,850.00
Sub Total Additive Alternate No. 3						\$ 246,768.00		\$205,024.00		\$200,306.00		\$175,470.50		\$246,799.00

Ineligible Items														
Item	Spec	Qty	Unit	Description	Numeric Unit Price	Total Price	UNIT PRICE	SUTTON & ASSOCIATES	UNIT PRICE	TEXAS STERLING	UNIT PRICE	OMEGA CONSTRUCTING	UNIT PRICE	REBCON
					Written Unit Price									
1	D-701-2	204	LF	12" Class IV RCP	\$ 60.00	\$ 12,240.00	\$40.00	\$8,160.00	\$39.00	\$7,956.00	\$37.00	\$7,548.00	\$45.00	\$9,180.00
2	D-751-2	2	EA	Inlet Type B	\$ 6,000.00	\$ 12,000.00	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$1,200.00	\$2,400.00	\$2,000.00	\$4,000.00
3	SP-23	2	EA	Ncenah R-3475	\$ 1,200.00	\$ 2,400.00	\$500.00	\$1,000.00	\$755.00	\$1,510.00	\$300.00	\$600.00	\$700.00	\$1,400.00
Sub Total Ineligible Items						\$ 26,640.00		\$12,160.00		\$12,266.00		\$10,548.00		\$14,580.00

Sub Total Base Bid	\$ 1,132,025.00	\$ 1,132,428.00	\$ 1,008,075.60	\$ 1,230,417.00	\$ 1,272,536.00
Sub Total Additive Alternate No. 1	\$ 294,282.00	\$ 238,200.00	\$ 220,162.00	\$ 205,061.00	\$ 265,631.00
Sub Total Additive Alternate No. 2	\$ 382,455.00	\$ 347,720.00	\$ 318,050.00	\$ 278,971.00	\$ 350,670.50
Sub Total Additive Alternate No. 3	\$ 246,768.00	\$ 205,024.00	\$ 200,306.00	\$ 175,470.50	\$ 246,799.00
Sub Total Ineligible Items	\$ 26,640.00	\$ 12,160.00	\$ 12,266.00	\$ 10,548.00	\$ 14,580.00
Total Bid Addison Airport Project	\$ 2,082,170.00	\$ 1,935,532.00	\$ 1,758,859.60	\$ 1,900,467.50	\$ 2,150,216.50

ADDISON AIRPORT PAVEMENT RECONSTRUCTION

TxDOT CSJ # 0318ADDON

Base Bid U.S. Customs Pavement Reconstri												
Item	Spec	Qty	Unit	Description	UNIT PRICE	JL STEEL	UNIT PRICE	SITE CONCRETE	UNIT PRICE	KANZA CONSTRUCTION	UNIT PRICE	JAY REESE
Written Unit Price												
1	M-101-1	1	LS	Mobilization	\$68,200.00	\$68,200.00	\$160,000.00	\$160,000.00	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
2	M-102	1	LS	Maintenance of Traffic	\$60,000.00	\$60,000.00	\$19,050.00	\$19,050.00	\$22,000.00	\$22,000.00	\$100,000.00	\$100,000.00
3	P-150-1	10,100	SY	Remove Bituminous Pavements	\$3.00	\$30,300.00	\$2.00	\$20,200.00	\$5.00	\$50,500.00	\$3.00	\$30,300.00
4	P-150-2	560	SY	Removal Concrete Pavement	\$20.00	\$11,200.00	\$10.00	\$5,600.00	\$7.00	\$3,920.00	\$6.00	\$3,360.00
5	P-152-1	5,200	CY	Unclassified Excavation	\$15.00	\$78,000.00	\$7.00	\$36,400.00	\$12.00	\$62,400.00	\$9.00	\$46,800.00
6	P-155-1	11,750	SY	Lime Treated Subgrade, 6" depth	\$3.00	\$35,250.00	\$1.70	\$19,975.00	\$1.85	\$21,737.50	\$4.00	\$47,000.00
7	P-155-2	211	TON	Lime (5%)	\$120.00	\$25,320.00	\$85.00	\$17,935.00	\$120.00	\$25,320.00	\$120.00	\$25,320.00
8	P-157-1	550	LF	Silt Fence	\$3.00	\$1,650.00	\$2.00	\$1,100.00	\$2.50	\$1,375.00	\$2.00	\$1,100.00
9	P-304-1	12,200	SY	Cement Treated Base Course, 6"	\$20.00	\$244,000.00	\$12.50	\$152,500.00	\$16.00	\$195,200.00	\$15.75	\$192,150.00
10	P-401-1	110	TON	Bituminous Surface Course	\$73.00	\$8,030.00	\$100.00	\$11,000.00	\$100.00	\$11,000.00	\$100.00	\$11,000.00
11	P-501-1	7,625	SY	12 inch PCC Pavement, Non-Reinforced	\$44.10	\$336,262.50	\$42.00	\$320,500.00	\$69.00	\$526,125.00	\$67.00	\$510,875.00
12	P-501-2	850	SY	12 inch PCC Pavement, Reinforced	\$71.70	\$60,945.00	\$50.00	\$42,500.00	\$79.00	\$67,150.00	\$75.00	\$63,750.00
13	P-501-3	2,250	SY	12-15 inch PCC Pavement, Non-Reinforced	\$52.70	\$118,575.00	\$50.00	\$112,500.00	\$71.00	\$159,750.00	\$70.00	\$157,500.00
14	P-501-4	1,075	SY	12-15 inch PCC Pavement, Reinforced	\$65.75	\$70,681.25	\$48.00	\$51,600.00	\$89.00	\$95,675.00	\$79.00	\$84,925.00
15	P-603-1	92	GAL	Bituminous Tack Coat	\$3.00	\$276.00	\$20.00	\$1,800.00	\$5.00	\$460.00	\$7.00	\$644.00
16	P-612-1	410	SY	Milling Bituminous Pavement, 1 1/2 depth	\$6.50	\$2,665.00	\$10.00	\$4,100.00	\$6.75	\$2,767.50	\$10.00	\$4,100.00
17	SP-21	42	EA	Tie Downs-Necnah R-3490-A,	\$150.00	\$6,300.00	\$350.00	\$14,700.00	\$124.00	\$5,208.00	\$175.00	\$7,350.00
18	P-620-1	8,100	SF	Pavement Marking, Non Reflective 4" Yellow	\$2.75	\$22,275.00	\$5.00	\$40,500.00	\$1.00	\$8,100.00	\$2.00	\$16,200.00
19	T-904-1	250	SY	Sodding	\$5.00	\$1,250.00	\$5.00	\$1,250.00	\$5.00	\$1,250.00	\$7.00	\$1,750.00
Sub Total Base Bid						\$1,181,179.75		\$1,033,000.00		\$1,324,938.00		\$1,369,124.00

Low	Average	High
\$50,100.00	\$77,412.50	\$160,000.00
\$5,000.00	\$42,231.25	\$100,000.00
\$2.00	\$5.38	\$14.00
\$6.00	\$10.94	\$20.00
\$7.00	\$12.78	\$20.00
\$1.70	\$2.63	\$4.00
\$85.00	\$111.88	\$130.00
\$1.60	\$2.29	\$3.00
\$12.00	\$15.72	\$21.00
\$68.00	\$85.13	\$100.00
\$42.00	\$52.81	\$69.00
\$60.00	\$63.01	\$79.00
\$48.00	\$58.59	\$71.00
\$48.00	\$66.72	\$89.00
\$1.50	\$5.87	\$20.00
\$4.92	\$8.46	\$12.00
\$100.00	\$164.88	\$350.00
\$1.00	\$2.19	\$5.00
\$3.00	\$4.75	\$7.00

Additive Alternate No. 1 - Hangars 'A'												
Item	Spec	Qty	Unit	Description	UNIT PRICE	JL STEEL	UNIT PRICE	SITE CONCRETE	UNIT PRICE	KANZA CONSTRUCTION	UNIT PRICE	JAY REESE
Written Unit Price												
1	M-101-1	1	LS	Mobilization	\$13,150.00	\$13,150.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00
2	M-102	1	LS	Maintenance of Traffic	\$18,000.00	\$18,000.00	\$4,392.00	\$4,392.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00
3	P-150-1	3,160	SY	Remove Bituminous Pavements	\$4.75	\$15,010.00	\$5.00	\$15,800.00	\$4.00	\$12,640.00	\$5.00	\$15,800.00
4	P-152-1	250	CY	Unclassified Excavation	\$20.00	\$5,000.00	\$7.00	\$1,750.00	\$36.00	\$9,000.00	\$8.00	\$2,000.00
5	P-157-1	315	LF	Silt Fence	\$3.00	\$945.00	\$2.00	\$630.00	\$2.00	\$630.00	\$2.00	\$630.00
6	P-304-1	3,100	SY	Cement Treated Base Course, 6"	\$16.00	\$49,600.00	\$12.50	\$38,750.00	\$13.00	\$40,300.00	\$16.00	\$49,600.00
7	P-401-1	35	TON	Bituminous Surface Course, 6"	\$75.00	\$2,625.00	\$100.00	\$3,500.00	\$98.00	\$3,430.00	\$125.00	\$4,375.00
8	P-501-3	1,050	SY	8 inch PCC Pavement, Non Reinforced	\$40.75	\$42,787.50	\$30.00	\$31,500.00	\$43.00	\$45,150.00	\$58.00	\$60,900.00
9	P-501-6	972	SY	8 inch PCC Pavement, Reinforced	\$48.35	\$46,996.20	\$31.00	\$30,132.00	\$44.00	\$42,768.00	\$59.00	\$57,348.00
10	P-501-7	533	SY	8 - 10 inch PCC Pavement, Non-Reinforced	\$43.45	\$23,158.85	\$37.00	\$19,721.00	\$44.00	\$23,452.00	\$58.00	\$30,914.00
11	P-501-8	575	SY	8-10 inch PCC Pavement, Reinforced	\$45.80	\$26,335.00	\$39.00	\$22,425.00	\$45.00	\$25,875.00	\$60.00	\$34,500.00
12	P-603-1	30	GAL	Bituminous Tack Coat	\$3.00	\$90.00	\$20.00	\$600.00	\$8.00	\$240.00	\$6.00	\$180.00
13	T-904-1	760	SY	Sodding	\$5.00	\$3,800.00	\$5.00	\$3,800.00	\$3.25	\$2,470.00	\$5.00	\$3,800.00
Sub Total Additive Alternate No. 1						\$247,497.55		\$203,000.00		\$217,455.00		\$278,047.00

Low	Average	High
\$3,200.00	\$13,018.75	\$30,000.00
\$1,500.00	\$8,274.00	\$18,000.00
\$3.00	\$4.72	\$9.00
\$7.00	\$17.13	\$36.00
\$2.00	\$2.25	\$3.00
\$12.50	\$14.66	\$18.00
\$75.00	\$98.63	\$125.00
\$30.00	\$42.66	\$58.00
\$31.00	\$45.29	\$59.00
\$37.00	\$47.24	\$58.00
\$39.00	\$50.26	\$60.00
\$1.50	\$7.56	\$20.00
\$3.00	\$4.16	\$5.00

Additive Alternate No. 2 - Hangars 'B'												
Item	Spec	Qty	Unit	Description	UNIT PRICE	JL STEEL	UNIT PRICE	SITE CONCRETE	UNIT PRICE	KANZA CONSTRUCTION	UNIT PRICE	JAY REESE
Written Unit Price												
1	M-101-1	1	LS	Mobilization	\$13,900.00	\$13,900.00	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
2	M-102	1	LS	Maintenance of Traffic	\$17,000.00	\$17,000.00	\$4,902.00	\$4,902.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
3	P-150-1	5,020	SY	Remove Bituminous Pavements	\$4.75	\$23,845.00	\$5.00	\$25,100.00	\$4.50	\$22,590.00	\$5.00	\$25,100.00
4	P-152-1	250	CY	Unclassified Excavation	\$20.00	\$5,000.00	\$7.00	\$1,750.00	\$27.00	\$6,750.00	\$6.00	\$1,500.00
5	P-157-1	1,115	LF	Silt Fence	\$3.00	\$3,345.00	\$2.00	\$2,230.00	\$2.00	\$2,230.00	\$2.00	\$2,230.00
6	P-304-1	4,440	SY	Cement Treated Base Course, 6"	\$16.00	\$71,040.00	\$12.50	\$55,500.00	\$13.00	\$57,720.00	\$16.00	\$71,040.00
7	P-401-1	100	TON	Bituminous Surface Course	\$73.00	\$7,300.00	\$100.00	\$10,000.00	\$80.00	\$8,000.00	\$100.00	\$10,000.00
8	P-401-2	30	TON	Bituminous Surface Course Temporary Pavement	\$165.00	\$4,950.00	\$100.00	\$3,000.00	\$110.00	\$3,300.00	\$125.00	\$3,750.00
9	P-501-5	1,650	SY	8 inch PCC Pavement, Non Reinforced	\$38.90	\$64,185.00	\$31.00	\$51,150.00	\$43.00	\$70,950.00	\$53.00	\$87,450.00
10	P-501-7	2,762	SY	8 - 10 inch PCC Pavement, Non-Reinforced	\$29.40	\$81,202.80	\$39.00	\$107,718.00	\$44.00	\$121,528.00	\$58.00	\$160,196.00
11	P-603-1	90	GAL	Bituminous Tack Coat	\$3.15	\$283.50	\$20.00	\$1,800.00	\$4.00	\$360.00	\$6.00	\$540.00
12	T-904-1	170	SY	Sodding	\$5.00	\$850.00	\$5.00	\$850.00	\$4.00	\$680.00	\$7.00	\$1,190.00
Sub Total Additive Alternate No. 2						\$292,901.30		\$304,000.00		\$306,608.00		\$379,996.00

Low	Average	High
\$4,200.00	\$16,675.00	\$40,000.00
\$2,000.00	\$6,350.25	\$17,000.00
\$3.00	\$5.03	\$10.00
\$6.00	\$16.38	\$28.00
\$1.50	\$2.19	\$3.00
\$12.00	\$14.26	\$18.00
\$73.00	\$90.38	\$100.00
\$100.00	\$132.13	\$192.00
\$31.00	\$41.18	\$53.00
\$29.40	\$44.18	\$58.00
\$1.00	\$5.41	\$20.00
\$3.00	\$4.63	\$7.00

Additive Alternate No. 3 - Hangars 'C'												
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ADDISON AIRPORT PAVEMENT RECONSTRUCTION
TxDOT CSJ # 0318ADDON

Item	Spec	Qty	Unit	Description	UNIT PRICE	JL STEEL	UNIT PRICE	SITE CONCRETE	UNIT PRICE	KANZA CONSTRUCTION	UNIT PRICE	JAY REESE
Written Unit Price												
1	M-101-1	1	LS	Mobilization	\$22,750.00	\$22,750.00	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
2	M-102-1	1	LS	Maintenance of Traffic	\$40,000.00	\$40,000.00	\$4,802.00	\$4,802.00	\$9,000.00	\$9,000.00	\$5,000.00	\$5,000.00
3	P-150-1	3,120	SY	Remove Bituminous Pavements	\$5.00	\$15,600.00	\$5.00	\$15,600.00	\$4.50	\$14,040.00	\$3.50	\$10,920.00
4	P-150-3	1	EA	Remove Drainage Structure	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
5	P-150-4	141	LF	Remove Pipe	\$15.00	\$2,115.00	\$15.00	\$2,115.00	\$8.00	\$1,128.00	\$15.00	\$2,115.00
6	P-152-1	1,250	CY	Unclassified Excavation	\$15.00	\$18,750.00	\$7.00	\$8,750.00	\$13.00	\$16,250.00	\$6.00	\$7,500.00
7	P-157-1	420	LF	Silt Fence	\$3.00	\$1,260.00	\$2.00	\$840.00	\$2.00	\$840.00	\$2.00	\$840.00
8	P-501-5	1,750	SY	8 inch PCC Pavement, Non Reinforced	\$38.40	\$67,200.00	\$30.00	\$52,500.00	\$43.00	\$75,250.00	\$56.00	\$98,000.00
9	P-501-6	93	SY	8 inch PCC Pavement, Reinforced	\$59.60	\$5,542.80	\$31.00	\$2,883.00	\$44.00	\$4,092.00	\$59.00	\$5,487.00
10	P-501-7	790	SY	8 - 10 inch PCC Pavement, Non-Reinforced	\$39.85	\$31,481.50	\$37.00	\$29,230.00	\$44.00	\$34,760.00	\$60.00	\$47,400.00
11	P-501-8	325	SY	8-10 inch PCC Pavement, Reinforced	\$40.90	\$13,292.50	\$39.00	\$12,675.00	\$45.00	\$14,625.00	\$63.00	\$20,475.00
12	D-701-1	141	LF	18" Class IV RCP	\$65.00	\$9,165.00	\$55.00	\$7,755.00	\$50.00	\$7,050.00	\$53.00	\$7,473.00
13	D-751-1	1	EA	Inlet, Type A	\$1,500.00	\$1,500.00	\$3,500.00	\$3,500.00	\$4,300.00	\$4,300.00	\$3,000.00	\$3,000.00
14	F-162-1	1	EA	Temporary Gate	\$1,100.00	\$1,100.00	\$3,500.00	\$3,500.00	\$2,200.00	\$2,200.00	\$1,800.00	\$1,800.00
15	T-904-1	570	SY	Sodding	\$5.00	\$2,850.00	\$5.00	\$2,850.00	\$4.50	\$2,565.00	\$5.00	\$2,850.00
Sub Total Additive Alternate No. 3						\$233,106.80		\$173,000.00		\$197,100.00		\$224,860.00

Low	Average	High
\$5,200.00	\$13,168.75	\$25,000.00
\$4,802.00	\$11,450.25	\$40,000.00
\$3.00	\$5.25	\$11.00
\$500.00	\$1,071.88	\$2,000.00
\$8.00	\$12.50	\$19.00
\$6.00	\$11.73	\$15.80
\$1.80	\$2.23	\$3.00
\$30.00	\$42.24	\$56.00
\$31.00	\$47.58	\$59.60
\$37.00	\$46.93	\$60.00
\$39.00	\$52.15	\$63.00
\$46.00	\$55.25	\$65.00
\$1,200.00	\$2,625.00	\$4,300.00
\$1,100.00	\$2,225.00	\$4,000.00
\$3.00	\$4.44	\$5.00

Ineligible Items												
Item	Spec	Qty	Unit	Description	UNIT PRICE	JL STEEL	UNIT PRICE	SITE CONCRETE	UNIT PRICE	KANZA CONSTRUCTION	UNIT PRICE	JAY REESE
Written Unit Price												
1	D-701-2	204	LF	12" Class IV RCP	\$34.00	\$6,936.00	\$50.00	\$10,200.00	\$27.00	\$5,508.00	\$34.00	\$6,936.00
2	D-751-2	2	EA	Inlet Type B	\$885.00	\$1,770.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	\$2,800.00	\$5,600.00
3	SP-23	2	EA	Neenah R-3475	\$800.00	\$1,600.00	\$400.00	\$800.00	\$800.00	\$1,600.00	\$850.00	\$1,700.00
Sub Total Ineligible Items						\$10,306.00		\$18,000.00		\$15,108.00		\$14,236.00

Low	Average	High
\$27.00	\$38.25	\$50.00
\$885.00	\$2,160.63	\$4,000.00
\$300.00	\$638.13	\$850.00

Sub Total Base Bid	\$ 1,181,179.75	\$ 1,033,000.00	\$ 1,324,938.00	\$ 1,369,124.00
Sub Total Additive Alternate No. 1	\$ 247,497.55	\$ 203,000.00	\$ 217,455.00	\$ 278,047.00
Sub Total Additive Alternate No. 2	\$ 292,901.30	\$ 304,000.00	\$ 306,608.00	\$ 379,996.00
Sub Total Additive Alternate No. 3	\$ 233,106.80	\$ 173,000.00	\$ 197,100.00	\$ 224,860.00
Sub Total Ineligible Items	\$ 10,306.00	\$ 18,000.00	\$ 15,108.00	\$ 14,236.00
Total Bid Addison Airport Project	\$ 1,964,991.40	\$ 1,731,000.00	\$ 2,061,209.00	\$ 2,266,263.00

Jim Pierce

From: Jenny Nicewander [JNicewander@HNTB.com]
Sent: Wednesday, November 05, 2003 3:22 PM
To: Jerry Holder; Jim Pierce
Subject: FW: Pre Construction Meeting Addison Airport

FYI:....

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

From: Tony Krauss [mailto:TKRAUSS@dot.state.tx.us]
Sent: Wednesday, November 05, 2003 3:20 PM
To: Jenny Nicewander
Subject: Re: Pre Construction Meeting Addison Airport

Hi Jenny: we are in the ^{Nov 10-15} process of completing the bid award documents that will be sent to the contractor for signatures. This will go out to them sometime next week, and then they have 2 weeks to return them to us. Then our Division Director signs them, at which point they are executed and we can then set a precon date. However, if the contractor requests additional time to meet DBE goals we give them additional two weeks. I, as PM for TxDOT, generally pick the date for the precon in concurrence with the sponsor, consultant and contractor. As soon as the contracts are executed, I like to have the precon.

Also, a Supplemental Agreement to your contract adds the construction and closeout phase fees, the RPR fees, and matls testing fees. This SA will be sent to your firm for signature and that also needs to come back to us prior to precon date being set.

At the precon, I will provide a NTP (Notice to Proceed) letter that allows the contractor to begin work. This letter also stipulates that the Division allows 10 days from the NTP before time charges begin. This way the contractor has time to move in equipment, arrange for RPR office, etc and is covered under the official NTP.

At this point in the year because of holidays in December, I would anticipate beginning "turning dirt" the first part of January. But that date hinges on the time it takes for the contract documents to be completed.

TK

>>> "Jenny Nicewander" <JNicewander@HNTB.com> 11/05/03 02:48PM >>>

Tony - I'm not sure what the next step is for the contractor. Do we set up a pre-construction meeting? Or is that something TxDOT sets up. Also is there anything else we need to follow up on?

I have heard from Mas Tec in the past few weeks and I found the proposal they sent over for materials testing with their fee schedule. My records show I faxed that your way in June. Let me know if you still have this in your records or need another copy.

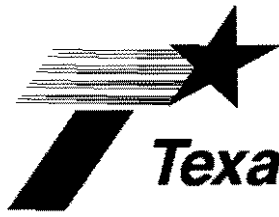
Has an RPR been found for this project? I know you said you thought you had one lined up, but wanted to touch base on that too.

Jenny Nicewander
HNTB Corp.

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Sign in Sheet
 TxDOT CSJ No. 0318 ADDON
 Addison Airport PreBid Meeting
 17-Sep-03

	Name	Company	Email	Phone #
1	PAUL KING	CONSTRUCTORS	PKING@CONSTRUCTORSWORLD.COM	214-520-3353
2	CARSON COLEMAN	CONSTRUCTORS	ccoleman@CONSTRUCTORSWORLD.COM	214 878-2225
3	JERRY W. RENFRO	CTL/THOMPSON	JRENFRO@CTLTHOMPSON.COM	972-831-1111
4	Robert Bibby	Rebcon	robert@rebcon.com	(972)444-8230
5	CHARLIE DANIELS	REYNOLDS ASPHALT	CDANIEL@REYNOLDSASPHALT.COM	817-267-3131
6	JAMES D. WILSON	ED A. Wilson Inc.	JWilson@EDAWilson.com	817-923-6400
7	Lori L. Nelson	Orval Hall Eng.	lori@oheng.com	817-624-7207
8	BILL FREEBURG	JAY-REESE CONT.	JWEISENFELDER@JAYREESE.NET	512-263-0072
9	Jerry Holder	HNTB	jholder@hntb.com	972-661-5626
10	Kevin Dean	KDAT	Kevin@KDAT1.com	817 870-8555
11	Brett Jantz	Concrete Resources, LLC	BRETTJANTS@YAHOO.COM	817 734-0439 Fax 972-748-3923 214-312-3418
12	Jim Pierce	Town of Addison	jpierce@ci.addison.tx.us	972-450-2879
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Texas Department of Transportation

AVIATION DIVISION

125 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • 512/416-4500 • FAX 512/416-4510

September 5, 2003

Mr. Jim Pierce
Asst. City Eng., Town of Addison
5300 Belt Line Road
Dallas, TX 75254

RE: Addison Airport:TxDOT #0318ADDON

Dear Mr. Pierce:

Enclosed is a complimentary copy of the construction bid document and plans for the Addison Airport construction project, TxDOT No.0318ADDON.

If you have any questions, please feel free to call me at 1-800-687-4568 extension 4518.

Sincerely,

Edie Stimach
Grant Manager

AUG-06-2003 15:10

TXDOT AVIATION DIVISION

512 416 4510 P.01/01



Texas Department of Transportation

AVIATION DIVISION

125 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • 512/ 416-4500 • FAX 512/416-4510

BY FACSIMILE

(972) 450-2837

August 6, 2003

Mr. Mark Acevado
FFS Administrator, Town of Addison
PO Box 9010
Addison, Texas 75001

RE: TXDOT Project No.: AP ADDISON 7
TXDOT CSJ No.: 0318ADDON
Fund Source: 4002000006

Dear Mr. Acevado,

The current estimate for the above reference construction project is \$1,439,000. The Sponsors Share of the estimated cost is \$143,900. Please remit the Sponsors Share to an address shown below not later than August 22, 2003. We cannot advertise until the estimated sponsors share is received.

Texas Department of Transportation

ATTN: Diana Ruiz
P.O. Box 5020
Austin, Texas 78763

OR

Texas Department of
Transportation
ATTN: Diana Ruiz
125 E. 11th Street
Austin, Texas 78701-2483
(overnight address)

If you have any questions, need additional information, please contact me at 512/416-4512.

Sincerely,

Allison Martin
Grant Manager

cc: Diana Ruiz, Finance

Jim Pierce

From: Mark Acevedo
Sent: Friday, June 27, 2003 1:23 PM
To: Jim Pierce
Cc: Lisa Pyles (E-mail)
Subject: RE: Addison airport project cost estimate

Jim,

Here is what was approved by Council as well as the funding available in the Airport Fund.

	Local Cost	Federal Cost	Total
Design	\$14,400	\$129,600	\$144,000
Construction	\$182,303.80	\$1,640,734.20	\$1,823,038
		Grand Total	\$1,967,038

We have \$197,000 available for this project. Please let me know what we have to eliminate to stay on budget. Thanks!

Lisa - FYI - There is a twist in the Apron/ Taxi lane project. Received a letter from TX-DOT today asking for our share (\$250k+) for this project! Surprise! Jim P., is communication with Tony Krauss.

Mark

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

From: Jim Pierce
Sent: Friday, June 27, 2003 11:40 AM
To: Mark Acevedo
Subject: FW: Addison airport project cost estimate

Mark: Notice the 2.130 million is the sum total for the cost of the ramp (1,156,225) AND the cost of the pavement around the hangers (974,245). I didn't realize there were 2 separate cost estimates made for the project. We may need to cut back, or eliminate the pavement around the hangers to stay on budget.

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

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

From: Tony Krauss [mailto:TKRAUSS@dot.state.tx.us]
Sent: Friday, June 27, 2003 11:17 AM
To: Jim Pierce
Subject: Addison airport project cost estimate

Bid Item total: \$ 2,130,470-- this is the sum of the costs for the apron and the hangar access pavement reconstruction
Contingency: 325,000--15% of bid item total
Engr fee Const Ph: 14,280.00
Engr fee Close Out Ph: 3,447.60
P501 bonus 6% 60,000
RPR 40,000.00
Matl test 20,000.00

2,500.00

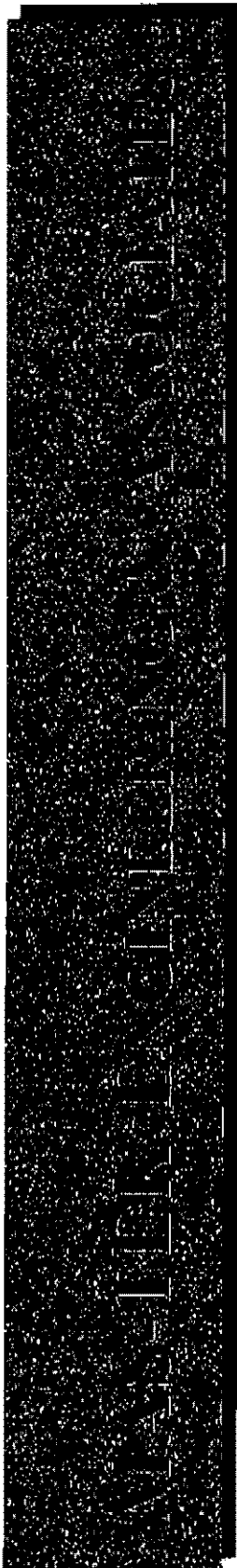
TOTAL

\$ 2,595,697.60, say \$2.6 million

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**GEOTECHNICAL INVESTIGATION
ADDISON AIRPORT IMPROVEMENTS
ADDISON, TEXAS**

MAS-TEK NO: E02-1111

FEBRUARY 5, 2003

PRESENTED TO:

**THE HNTB COMPANIES
PLANO, TEXAS**

PRESENTED BY:



**MAS-TEK Engineering
& Associates, Inc.**

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**MAS-TEK Engineering
& Associates, Inc.**

February 5, 2003

Ms. Jenny Nicewander
The HNTB Companies
5910 West Plano Parkway, Suite 200
Plano, Texas 75093

Phone: (972) 661-5626
Fax: (972) 661-5614

Re: Geotechnical Investigation
Addison Airport Improvements
Addison, Texas
MTE Report No. E02-1111

Dear Ms. Nicewander:

Please find enclosed our report summarizing the results of the geotechnical investigation performed at the above referenced project. We trust the recommendations derived from this investigation will provide you with the information necessary to complete your proposed project successfully.

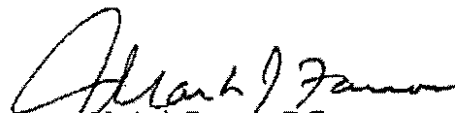
For your future construction materials testing and related quality control requirements, it is recommended that the work be performed by Mas-Tek Engineering & Associates, Inc. in order to maintain continuity of inspection and testing services for the project under the direction of the geotechnical project engineer.

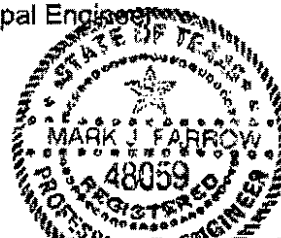
We thank you for the opportunity to provide you with our professional services. If we can be of further assistance, please do not hesitate to contact us.

Sincerely,

MAS-TEK ENGINEERING & ASSOCIATES


Michael D. Roland
Senior Project Manager


Mark J. Farrow, P.E.
Principal Engineer



Geotechnical Consulting & Materials Testing
2550 Beckeymeade, Suite 105 Dallas, Texas 75237 972 709-7384

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**GEOTECHNICAL INVESTIGATION
ADDISON AIRPORT IMPROVEMENTS
ADDISON, TEXAS**

1.0 INTRODUCTION

1.1 PROJECT DESCRIPTION

The project site is located at Addison Airport, which is located west of Addison Road in Addison, Texas. The project consists of replacing an existing apron located adjacent to and east of Taxiway E. In addition, the project will consist of replacing pavements adjacent to existing patio hangers. We understand that the anticipated pavement thickness of the new pavements will be approximately 9 inches for pavements adjacent to the hangers and approximately 12 inches for pavement at the apron.

1.2 PURPOSE AND SCOPE

The purposes of this geotechnical investigation were to: 1) explore the subsurface conditions at the site, 2) provide boring logs that present subsurface conditions encountered including water level observations and laboratory test results, 3) provide site Geology and Soil Survey, 4) provide recommended raw CBR value and subgrade modulus values to be used for design of aircraft pavement, 5) provide recommended subgrade preparation requirements considering new pavements must support single wheel aircraft loads, 6) provide subgrade stabilization recommendations, and 7) provide control of subgrade moisture and any drainage or sub-drainage requirements during construction and/or post construction airport operations. Pavement evaluations and design studies were not within the scope of our services. This report was prepared in general accordance with our proposal number P02-0923E-R2 dated November 18, 2002.

2.0 FIELD INVESTIGATION

The field investigation consisted of drilling three (3) sample borings (Borings B-1 thru B-3) in pavement areas adjacent to patio hangers and drilling six (6) sample borings (Borings B-4 thru B-9) within the subject apron area. Prior to drilling, the existing pavement was cored using a coring machine and a 6-inch diameter core barrel. The borings were drilled to depths of 10 feet below the existing grades. A truck-mounted drilling rig was used to advance these borings and to obtain samples for laboratory evaluation. Representatives of

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The HNTB Companies staked the borings in the field. The borings were located at the approximate locations shown on the Plan of Borings (Figure 1).

Undisturbed samples of cohesive soils were obtained at intermittent intervals with standard, thin-walled, seamless tube samplers. These samples were extruded in the field, logged, sealed, and packaged to protect them from disturbance and maintain their in-situ moisture content during transportation to our laboratory.

The limestone encountered in the test borings was evaluated by the Texas Department of Transportation Penetrometer (TxDOT Cone) tests. The TxDOT Cone is driven with the resulting penetration in inches recorded for 100 blows. The results of the TxDOT Cone test are recorded at the respective testing depths on the Logs of Borings.

The results of the boring program are presented on the Logs of Borings, Figures 2 through 10. A key to the descriptive terms and symbols used on the logs is presented on Figure 11.

3.0 LABORATORY TESTING

Laboratory tests were performed on representative samples of the soil to aid in classification of the soil materials. These tests included Atterberg limits tests and moisture content tests. Hand penetrometer tests were performed on the clay soil samples to provide indications of the swell potential and the foundation bearing properties of the subsurface strata. The results of these tests are presented on the Logs of Borings (Figures 2 through 10).

Lime / Atterberg series tests were performed on a selected clay soil sample to determine optimum amount of lime required for stabilization (see Figure 12). In addition, standard Proctor compaction tests (see Figures 13 and 14) and California Bearing Ratio (CBR) tests (see Figure 15) were performed on two selected clay soil samples.

4.0 SITE AND SUBSURFACE CONDITIONS

4.1 GENERAL SITE CONDITIONS

The project site is located at Addison Airport, which is located west of Addison Road in Addison, Texas. The project consists of replacing an existing apron located adjacent to and east of Taxiway E. In addition, the project will consist of replacing pavements adjacent to existing patio hangers. See Plan of Borings (Figure 1) for site configuration and location.

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4.2 SUBSURFACE CONDITIONS

Subsurface conditions encountered in the borings, including descriptions of the various strata and their depths and thickness, are presented on the Logs of Borings. Note that depth on all borings refers to the depth from the existing grade or ground surface present at the time of the investigation. Boundaries between the various soil types are approximate.

The areas that are to be reconstructed generally consist of asphaltic concrete pavement over base. The asphalt pavement was encountered at Borings B-1, B-2, B-3, B-5, B-6, and B-8 and varies in thickness from 1 1/4" to 3 3/8". Borings B-4 and B-9 were drilled in landscaped areas just outside of the apron. Boring B-7 was located within a reinforced concrete drive (7 5/8" of concrete) that is present within the apron. The base materials underlying the asphaltic concrete vary significantly between borings. The base materials range from a cement-stabilized sand to a crushed stone base. The base materials are typically about 6 inches thick (5 1/2" to 6 3/4" at the boring locations).

Fill of up to 1.5 feet thick was present beneath the base materials, concrete pavement, and at the ground surface at Borings B-4 and B-9. The fill ranged from highly expansive clay soils to broken limestone. Highly expansive clay soils underlie the fill soils. The clay soils are 2.5 to 5.5 feet thick and are underlain by tan weathered limestone.

4.3 SITE GEOLOGY AND SOIL SURVEY

As shown on the Dallas sheet of the Geologic Atlas of Texas, the site is located in an area where the Austin Chalk Formation is present. The Austin Chalk Formation typically consists of gray chalky limestone with some interbeds and partings of calcareous clay. This unit weathers to a light tan, which is typically overlain by a layer of residual, dark colored clay.

As shown on the Soils Survey of Dallas County, Texas developed by the Soil Conservation Service of the United States Department of Agriculture, the site is located in an area where 14 to 35 inches of clay and silty clay are underlain by weathered bedrock.

4.4 GROUNDWATER CONDITIONS

The borings were advanced using continuous flight auger methods. Advancement of the borings using these methods allows observation of the initial zones of seepage. No

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groundwater was encountered during drilling. However, water was present at the end of day in three of the borings (Borings B-2, B-4, and B-7) at depths ranging from 3 to 8 feet below the existing ground surface.

It is not possible to accurately predict the magnitude of subsurface water fluctuations that might occur based upon short-term observations. The subsurface water conditions are subject to change with variations in climatic conditions and are functions of subsurface soil conditions.

5.0 ANALYSES AND RECOMMENDATIONS

5.1 ANTICIPATED SUBGRADE CONDITIONS

We assume that the reconstructed pavement grades will be similar to the current pavement grades with little to no grade changes. Based upon the anticipated cuts required to construct the new pavements and based upon the subsurface soils encountered in the test borings, we anticipate that clay soils will be exposed in most areas. However, broken limestone fill will be exposed at many areas. The broken limestone fill is anticipated to be about 3 to 12 inches thick after the required cutting has been performed. This will require some undercutting and replacement with on-site clay as specified below in Section 5.2.

California Bearing Ratio (CBR) tests were performed on the on-site clay soils (see Figure 15). Based upon the results of these tests, we recommend that a raw CBR value of 3 be used for the on-site clay soils. Likewise, we recommend that a subgrade modulus value of 100 pci be used for the raw on-site clay soils.

It should be noted that the clay soils are currently in a moist to average condition. This includes the clay soils that are present in the landscaping areas just north and south of the existing apron. Currently, differential swell potential between paved areas and unpaved areas is estimated to be less than 2 inches. However, if the clay soils are allowed to dry prior to construction, the new pavements could be subjected to differential upward movements of up to 4 to 6 inches due to soil swelling.

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5.2 SUBGRADE PREPARATION

The clay soils that will be exposed are active and have a high to very high shrink/swell potential. However, they react with hydrated lime, which serves to improve their support value and provide a firm, uniform subgrade beneath the paving.

As indicated above, it is anticipated that broken limestone fill will be exposed at subgrade level in many areas. Lime stabilization is difficult to perform where a thick layer of broken limestone fill is present. Also, the presence of porous rock fill underlain by clay is not preferred. In order to provide more uniform subgrade support, we recommend that broken limestone fill present at pavement subgrade be removed and replaced with on-site clay soils prior to stabilization in order to allow a mixture of clay and rock fill having at least 50% clay. For example, if a 6 inch depth of stabilization is to be used and rock fill is exposed at the subgrade elevation, the rock fill could be undercut 3 inches and replaced with clay prior to stabilization for a 50% clay / rock mixture.

Based on the Lime / Atterberg series tests (see Figure 12), 8 percent hydrated lime by dry weight (36 pounds per square yard for 6-inch depth of treatment and 48 pounds per square yard for 8-inch depth of treatment) would be required to stabilize the existing clay soils. The lime should be thoroughly mixed and blended with the subgrade (TxDOT Item 260). The lime-treated soil should be compacted in 6-inch lifts to a minimum of 98 percent of maximum dry density as determined in accordance with ASTM D 698, within 2 percentage points of the soil's optimum moisture content. If FAA or TxDOT requirements require a higher compaction level this would govern. We recommend that this lime stabilization extend 1 to 2 feet beyond exposed pavement edges, if possible, in order to reduce the effects of shrinkage during extended dry periods.

Sand should be specifically prohibited beneath pavement areas during final grading (after stabilization), since these more porous soils can allow water inflow, resulting in heave and strength loss of subgrade soils. It should be specified that only lime-stabilized soil will be allowed for fine grading. After fine grading each area in preparation for paving, the subgrade surface should be lightly moistened, as needed, and re-compacted to obtain a tight non-yielding subgrade.

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Project specifications should allow a curing period between initial and final mixing of the lime/soil mixture. After initial mixing, the lime treated subgrade should be lightly rolled and maintained at or to 5 percentage points above the soil's optimum moisture content until final mixing and compaction. We recommend a 3-day curing period for these soils. The following gradation requirements are recommended for the stabilized materials before final compaction:

	<u>Percent</u>
Minimum Passing 1 3/4" Sieve	100
Minimum Passing No. 4 Sieve	60

All non-slaking aggregates retained on the No. 4 sieve should be removed before testing.

The stabilized subgrade should be protected and moist cured or sealed with a bituminous material for a minimum of 7 days or until the pavement materials are placed. Pavement areas should be graded to prevent ponding and infiltration of excessive moisture on or adjacent to the pavement areas.

5.3 SITE GRADING AND DRAINAGE

All grading should provide positive drainage away from the proposed pavements and should prevent water from collecting or discharging near the pavements. Water must not be permitted to pond adjacent to the aircraft pavements during or after construction. Otherwise, differential soil swell movements could exceed estimates contained within this report.

The pavements will be subject to some post construction movement. Joints in the pavements should be sealed to prevent the infiltration of water. Since some post construction movement of pavement may occur, joints should be periodically inspected and resealed where necessary.

5.4 PROOFROLLING AND SUBGRADE PREPARATION

Prior to placing fill, the exposed subgrade in areas to receive fill should be stripped and proofrolled using a fully loaded dump truck under the direction of a Mas-Tek Engineer. Soft areas should be undercut and replaced with compacted on-site soils. The surface should then be scarified to a depth of 8 inches and recompacted to levels specified in Section 5.4.

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5.5 FILL PLACEMENT IN PAVEMENT AREAS

The on-site surficial clays may be used for general grading and filling. The fill materials should be free of surficial vegetation or debris. Clay materials should be spread in loose lifts, less than 8 inches thick and uniformly compacted to a minimum of 95 percent of the maximum density as determined by ASTM D 698 (Standard Proctor) between optimum and +4 percentage points above its optimum moisture content.

5.6 FIELD SUPERVISION AND DENSITY TESTING

Field density and moisture content determinations should be made on each lift of fill and for the compacted lime-stabilized subgrade with a minimum of 1 test per 3,000 to 5,000 sf. Supervision by the field technician and the project engineer is required. Some adjustments in the test frequencies may be required based upon the general fill types and soil conditions at the time of fill placement.

Many problems can be avoided or solved in the field if proper inspection and testing services are provided. It is recommended that all site and subgrade preparation be monitored by a qualified engineering technician. Density tests should be performed to verify compaction and moisture content of any earthwork. Inspection should be performed prior to and during concrete placement operations. Mas-Tek Engineering & Associates, Inc. employs a group of experienced, well-trained technicians for inspection and construction materials testing who would be pleased to assist you on this project.

6.0 LIMITATIONS

The professional services, which have been performed, the findings obtained, and the recommendations prepared were accomplished in accordance with currently accepted geotechnical engineering principles and practices. The possibility always exists that the subsurface conditions at the site may vary somewhat from those encountered in the test borings. The number and spacing of test borings were chosen in such a manner as to decrease the possibility of undiscovered abnormalities, while considering the nature of loading, size, and cost of the project. If there are any unusual conditions differing significantly from those described herein, Mas-Tek Engineering & Associates, Inc. should be notified to review the effects on the performance of the recommended foundation system.

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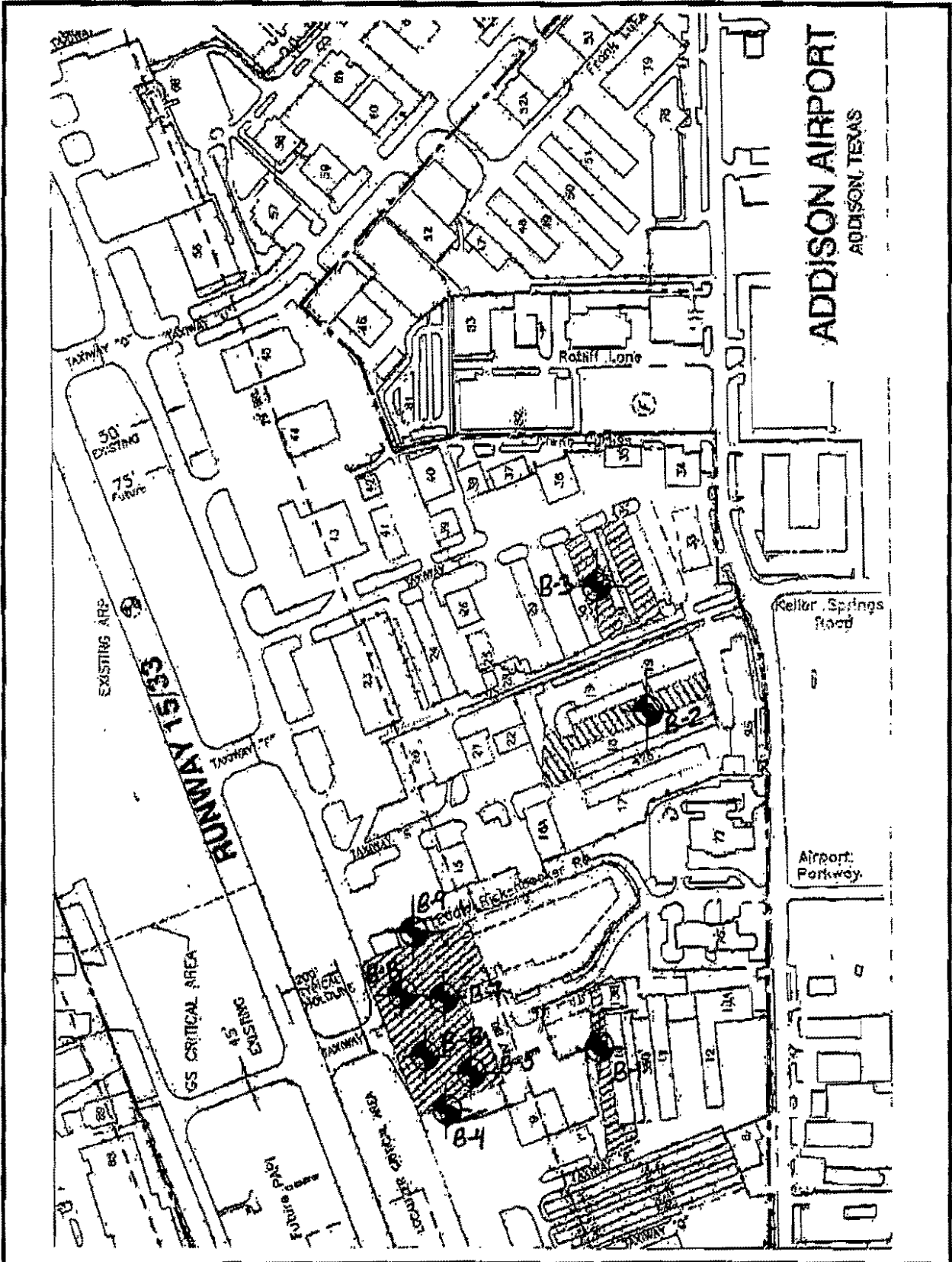
The recommendations given in this report were prepared exclusively for the use of The HNTB Companies, their client, and their consultants. The information supplied herein is applicable only for the design of the previously described development to be constructed at locations indicated at this site and should not be used for any other structures, locations, or for any other purpose.

We will retain the samples acquired for this project for a period of 30 days subsequent to the submittal date printed on the report. After this period, the samples will be discarded unless otherwise notified by the owner in writing.

HNTB

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ADDISON AIRPORT
ADDISON, TEXAS

Mas-Tek Engineering & Associates, Inc.	Addison Airport Improvements Addison Airport		PLAN OF BORINGS		FIGURE 1
	Drawn by MDR	Date 1/30/03	Revised N/A	Scale not to scale	

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LOG OF BORING B-1

Project: Addison Airport - Addison, Texas

Project No.: E02-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

Depth to water when checked: End of Day

was: Dry

Depth to caving when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LL %	PL %	PI	-200 %	DD pcf	P.PEN lbf	UNCON ksf	Strain %
0		2 1/4" ASPHALT									
		6 3/4" tan cement-stabilized gravelly sand (BASE)							1.75		
		Dark gray CLAY w/ limestone fragments (FILL)	37	77	28	61			2.25		
		Dark gray CLAY									
-2.5			35						2.25		
			38						2.2		
-5		Moderately hard to hard tan WEATHERED LIMESTONE, fractured, w/ clay seams									
-7.5											
-10		Hard gray LIMESTONE									
-10		Boring terminated at 10 feet									
-12.5											
-15											
-17.5											

Notes: Completion Depth: 10'

FIGURE:2

HNTB

9726615614

07/17 '03 07:35 NO.672 15/26

LOG OF BORING B-2

Project: Addison Airport - Addison, Texas

Project No.: E02-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

Depth to water when checked: End of Day

was: 8'

Depth to caving when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LL %	PL %	PI	-200 %	DD pcf	P.PEN lbf	UNCON lbf	Brain %
0		2 3/4" ASPHALT									
		6" tan cement-stabilized gravelly sand (BASE)									
		Tan calcareous CLAY and dark gray clay w/ limestone fragments (FILL)							1.9		
		Dark gray CLAY	36	73	23	48			2.5		
2.5									2.2		
			33						1.0		
		Olive gray CLAY w/ limestone seams	39						1.4		
5									1.75		
		Soft to moderately hard tan extremely WEATHERED LIMESTONE, highly fractured w/ clay layers							4.5**		
7.5											
		Hard gray LIMESTONE									
10		Boring terminated at 10 feet									
12.5											
15											
17.5											

Notes: Completion Depth: 10'

FIGURE:3

HNTB

9726615614

07/17 '03 07:35 NO.672 16/26

LOG OF BORING B-3

Project: Addison Airport - Addison, Texas

Project No.: E02-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

Depth to water when checked: End of Day

was: Dry

Depth to casing when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LJ %	PL %	PI	-200 %	DD pcf	P.FEN 1cf	UNCON Kt	Swab %
0		1 1/4" ASPHALT	10	NP	NP	NP					
		6 1/4" tan cemented sand w/ gravel (BASE)							4.0		
		Tan broken LIMESTONE w/ clay seams (FILL)	30	82	30	42			3.4		
		Dark gray CLAY w/ some tan broken limestone (FILL)							2.0		
-2.5		Dark gray CLAY							1.9		
									1.75		
			37								
-6		Dark brownish gray CLAY w/ trace calcareous nodules							2.25		
									2.4		
-7.5			38								
									2.5		
-10											
		Boring terminated at 10 feet									
-12.5											
-15											
-17.5											

Notes: Completion Depth: 10'

FIGURE:4

HNTB

9726615614

07/17 '03 07:35 NO.672 17/26

LOG OF BORING B-4

Project: Addison Airport - Addison, Texas

Project No.: E02-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

Depth to water when checked: End of Day

was: 3'

Depth to caving when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LL %	PL %	PI	-200 %	DD pcf	P.PEN lbf	UNCON pcf	Strain %
0		Dark gray <u>CLAY</u> w/ some tan broken <u>LIMESTONE</u> (FILL)							22		
-2.0		Dark gray <u>CLAY</u>	38	77	20	54			1.9		
			49						1.3		
		Tan and gray <u>CLAY</u> , calcareous w/ limestone seams							1.3		
-5.0	50/0.75" 50/0.50"	Moderately hard to hard tan <u>WEATHERED LIMESTONE</u> , fractured, w/ clay seams and gray limestone layers									
-7.5											
-10.0	50/0.25" 50/0.20"										
-10.0		Boring terminated at 10 feet									
-12.5											
-15.0											
-17.5											

Notes: Completion Depth: 10'

FIGURE:5

HNTB

9726615614

07/17 '03 07:36 NO.672 18/26

LOG OF BORING B-5

Project: Addison Airport - Addison, Texas

Project No.: E02-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

Depth to water when checked: End of Day

was: Dry

Depth to caving when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LL %	PL %	P ₁	-200 %	DD pcf	P.FEN 1/ft	UNCON tar	S _{free} %
0		3" ASPHALT									
		5 3/4" tan crushed stone (BASE)							4.5*		
		Tan and gray broken LIMESTONE w/ clay seams (FILL)									
2.5		Dark gray CLAY	41	82	28	54			3.25		
			37						2.1		
									2.3		
5	50/0.6" 50/0.13"	Moderately hard to hard tan WEATHERED LIMESTONE, fractured, w/ clay seams									
7.5		Hard gray LIMESTONE									
10	30/0.5" 50/0.25"	Moderately hard to hard tan WEATHERED LIMESTONE, fractured, w/ clay seams									
10		Boring terminated at 10 feet									
12.5											
15											
17.5											

Notes: Completion Depth: 10'

FIGURE:6

HNTB

9726615614

07/17 '03 07:36 NO.672 19/26

LOG OF BORING B-6

Project: Addison Airport - Addison, Texas

Project No.: ED2-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

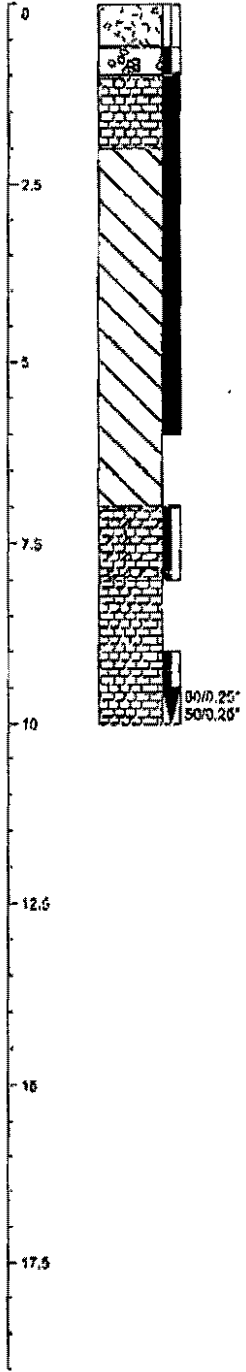
Depth to water when checked: End of Day

was: Dry

Depth to casing when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LL %	PL %	Pi	-200 %	DD pcf	P.PEN lbf	UNCON kcf	Grain %
0		7 5/8" CONCRETE									
		5' tan sandy crushed stone (BASE)									
		Tan broken LIMESTONE w/ clay seams (FILL)									
2.5		Dark gray CLAY	33	86	29	66			1.8		
			44						1.9		
			42						1.6		
									2.0		
7.5		Moderately hard to hard tan WEATHERED LIMESTONE, fractured, w/ clay seams									
		Hard gray LIMESTONE									
10		Boring terminated at 10 feet									
12.5											
15											
17.5											



Notes: Completion Depth: 10'

FIGURE:7

HNTB

9726615614

07/17 '03 07:36 NO.672 20/26

LOG OF BORING B-7

Project: Addison Airport - Addison, Texas

Project No.: E02-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

Depth to water when checked: End of Day

was: 6'

Depth to caving when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LL %	PL %	PI	+200 %	DD pcf	P.PEN lcf	UNCON kcf	Strain %
0		3 3/8" ASPHALT									
		6 5/8" tan sand w/ some crushed stone (BASE)							3.25		
		Dark gray CLAY w/ tan broken limestone (FILL)	37	76	25	50			2.2		
		Dark gray CLAY	41						2.0		
2.5			39						1.7		
		Moderately hard to hard tan WEATHERED LIMESTONE, fractured, w/ clay seams							4.5		
5	50/0.5" 50/0.25"										
		Hard gray LIMESTONE									
7.5											
	50/0.5" 50/0.13"										
10		Boring terminated at 10 feet									
12.5											
15											
17.5											

Notes: Completion Depth: 10'

FIGURE:8

HNTB

9726615614

07/17 '03 07:36 NO.672 21/26

LOG OF BORING B-8

Project: Addison Airport - Addison, Texas

Project No.: E02-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

Depth to water when checked: End of Day

was: Dry

Depth to casing when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LL %	PL %	PI	-200 %	DD pct	P.PEN 10'	UNCON kbf	Swain %
0		3 1/2" ASPHALT									
		5 1/2" tan very sandy crushed stone (BASE)									
		Tan broken LIMESTONE w/ some clay seams (FILL)									
2.5		Dark gray CLAY	36	77	28	51			2.4		
			33						1.0		
			37						2.2		
5	SO/1" SO/0.75"	Moderately hard to hard tan WEATHERED LIMESTONE, fractured, w/ clay seams									
7.0		Hard gray LIMESTONE									
10	SO/0.25" SO/0.13"	Boring terminated at 10 feet									
12.5											
15											
17.5											

Notes: Completion Depth: 10'

FIGURE:9

HNTB

9726615614

07/17 '03 07:36 NO.672 22/26

LOG OF BORING B-9

Project: Addison Airport - Addison, Texas

Project No.: E02-1111

Date: 1/17/03

Elev.: na

Location: See Figure 1

Depth to water at completion of boring: Dry

Depth to water when checked: End of Day

was: Dry

Depth to caving when checked:

was:

ELEVATION/ DEPTH (feet)	SOIL SYMBOLS SAMPLER SYMBOLS & FIELD TEST DATA	DESCRIPTION	MC %	LL %	PL %	PI	-200 %	DD pcf	P.PEN lbf	UNCON pcf	Grain %
0		Olive gray <u>CLAY</u> w/ some tan broken limestone (FILL)							3.6		
			27	71	24	47			1.75		
2.3	80/0.25" 50/0.13"	Moderately hard to hard tan <u>WEATHERED LIMESTONE</u> , fractured, w/ clay seams									
3		Hard gray <u>LIMESTONE</u>									
7.5	50/0.25" 60/0.13"										
10		Boring terminated at 10 feet									
12.5											
15											
17.5											

Notes: Completion Depth: 10'













FIGURE:10

HNTB

9726615614

07/17 '03 07:36 NO.672 23/26

KEY TO LOG TERMS & SYMBOLS

Symbol	Description	Symbol	Description
<u>Strata symbols</u>		<u>Soil Samplers</u>	
	Asphaltic Paving		Auger
	BASE		Thin Wall Shelby Tube
	CLAY		THD Cone Penetration Test
	LIMESTONE, weathered		Rock Core
	Limestone		
	CALCAREOUS CLAY		
	CONCRETE		
<u>Misc. Symbols</u>			
	Water table when checked		

Notes:

1. Exploratory borings were drilled on dates indicated using truck mounted drilling equipment.
2. Water level observations are noted on boring logs.
3. Results of tests conducted on samples recovered are reported on the boring logs. Abbreviations used are:

DD = natural dry density (pcf)	LL = liquid limit (%)
MC = natural moisture content (%)	PL = plastic limit (%)
Uncon. = unconfined compression (tsf)	PI = plasticity index
P.Pen. = hand penetrometer (tsf)	-200 = percent passing #200
4. Rock Cores

REC = (Recovery) sum of core sample recovered divided by length of run, expressed as percentage.
RQD = (Rock Quality Designation) sum of core sample recovery 4" or greater in length divided by the run, expressed as percentage.

FIGURE 11

HNTB

9726615614

07/17 '03 07:36 NO.672 24/26

MAS-TEK ENGINEERING & ASSOCIATES, INC.
GEOTECHNICAL CONSULTING AND MATERIALS TESTING
2550 Bekleymeade, Suite 105 Dallas, Texas 75237 Phone: (972) 709-7384

LIME SERIES RESULTS

CLIENT: The HNTB Companies
PROJECT: Addison Airport Improvemants
AGG REPORT NO.: E02-1111
REPORT DATE: 02/03/2003

BORING NUMBER	DEPTH (feet)	% LIME ADDED	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX
B-6	2 - 3	0	85	29	56
B-6	2 - 3	4	68	46	22
B-6	2 - 3	6	66	50	16
B-6	2 - 3	8	63	51	12

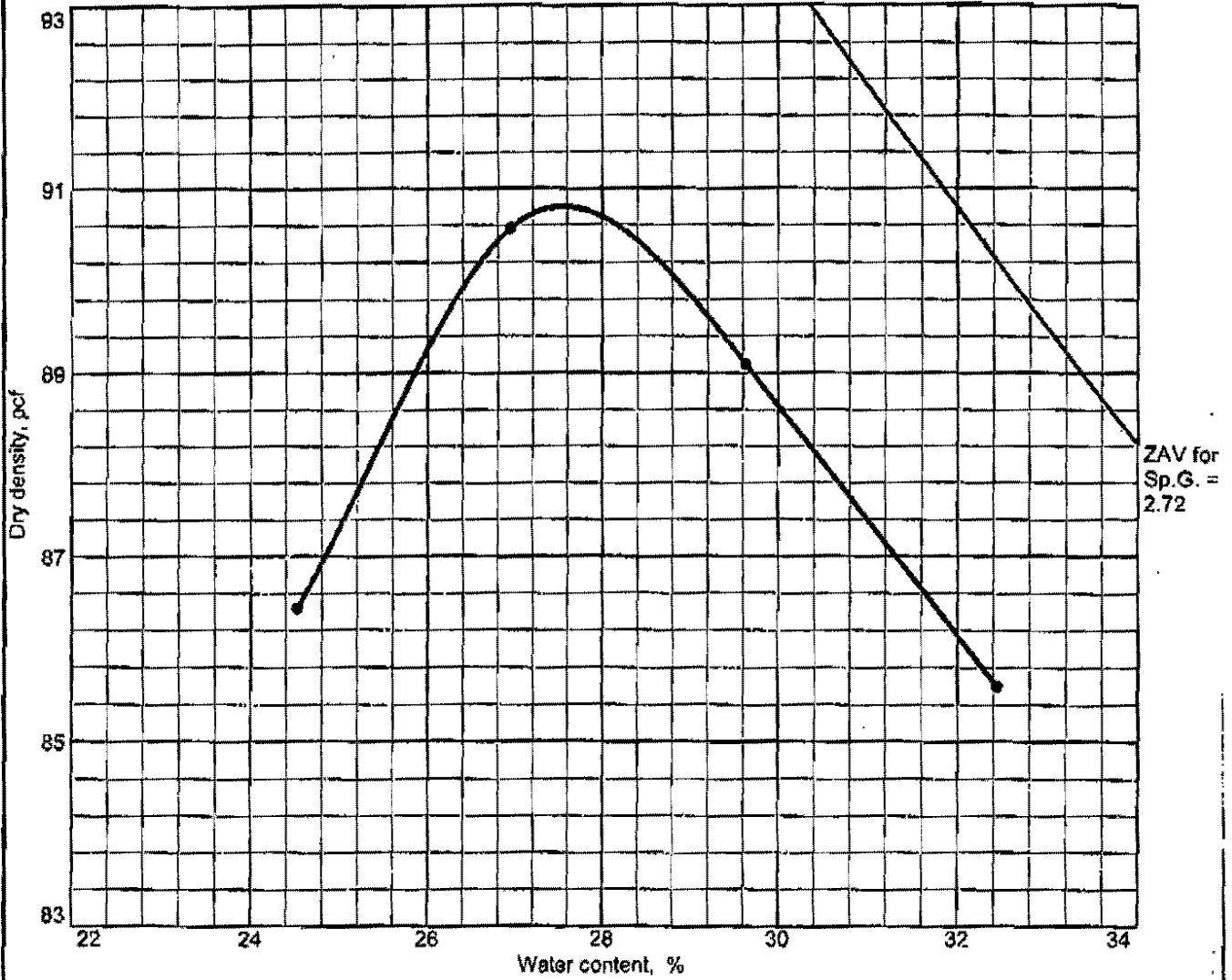
FIGURE 12

HNTB

9726615614

07/17 '03 07:37 NO.672 25/26

MOISTURE DENSITY RELATIONSHIP REPORT



Test specification: ASTM D 698-91 Procedure A Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > No.4	% < No.200
	USCS	AASHTO						
12" - 18"					74	48		

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 90.8 pcf Optimum moisture = 27.6 %	DARK GRAY CLAY
Project No. E02-1111 Client: THE HNTB COMPANIES Project: ADDISON AIRPORT IMPROVEMENTS Location: BORING B-4 (12" TO 18" DEPTH)	Remarks:
MOISTURE DENSITY RELATIONSHIP REPORT	

Figure 13

HNTB

9726615614

07/17 '03 07:37 NO.672 26/26

MAS-TEK ENGINEERING & ASSOCIATES, INC.
GEOTECHNICAL CONSULTING AND MATERIALS TESTING
 2550 Bekleymeade, Suite 105 Dallas, Texas 75237 Phone: (972) 709-7384

CALIFORNIA BEARING RATIO (CBR) TEST

CLIENT: The HNTB Companies
PROJECT: Addison Airport Improvements
AGG REPORT #: E02-1111
REPORT DATE: 02/03/2003

CBR TEST RESULTS

Sample Location:	
Boring B-4 (12" to 18" below grade)	
Sample Description:	
Dark Gray CLAY	
Plastic Limit:	77
Liquid Limit:	26
Plasticity Index:	51
Initial M.C.	30.6
Final M.C. (top 1")	33.8
Initial P.P.	2.25
Final P.P.	1.25
CBR:	3.6

Sample Location:	
Boring B-9 (10" to 18" below grade)	
Sample Description:	
Dark Grayish Brown CLAY	
Plastic Limit:	71
Liquid Limit:	24
Plasticity Index:	47
Initial M.C.	27.5
Final M.C. (top 1")	29.7
Initial P.P.	1.75
Final P.P.	1.0
CBR:	3.3

Surcharge Load: 90 psf

Remolded Condition: Samples remolded to approximately 95% of Standard Proctor at approximately +3% above optimum moisture (see Figures 13 and 14).

FIGURE 15

HNTB

9726615614

07/17 '03 07:32 NO.672 01/26



The HNTB Companies

Fax
Transmittal

To JIM PIERCE

Date 7/17

Firm TOWN OF ADDISON

Total Pages 25 (Including this cover)

Fax # 972 450 2837

Job Number

From J. NICEWANDER

High Resolution

Urgent

Please notify sender at 972-661-5626 if pages are missing or if there is any transmission difficulty.

Message

JIM ->
THIS IS FOR YOUR RECORDS.

Jenny

Jan 10 02 letter from Ron W (D. Pearce)
to Fulton 100k encls, 1.5M cost
Ramp only

Non Primary Entitlement Money \$150,000 per year
Originally separate for each year

4-2-02 Memo from Place to Account
re Terminal Ramp AND Pater Hangers
Recommending const. Total cost
\$1,967,038

9-19-02 Design Kick-off meeting

Main apron 1.2

Shade Hangers - Originally - reconstruct area
underneath hangers - then
reconstruct areas around -
scope doubled thereby

7-1-03

Ramp "A"
Hanger "A"
Hanger "B"
Hanger "C"

1,156,225
294,282
382,435
298,518

\$ 2,131,460

We have \$ 197,000

Ramp A
Hanger A

1,156,225
294,282

1,450,507 x 1.22 = 1,769,618 ok

Plus Hanger B

382,455

1,832,962 x 1.22 = 2,236,213

Ramp A
Hanger B

1,156,225
382,455

1,538,680 x 1.22 = 1,877,189

7-1-03

**ADDISON AIRPORT
PROJECT BUDGET SUMMARY
RAMP "A" PAVEMENT REPLACEMENT**

Engineer's Opinion of Probable Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL ESTIMATE
M-101	MOBILIZATION	1	LS	\$76,000.00	\$76,000.00
M-102	MAINTENANCE OF TRAFFIC	1	LS	\$76,000.00	\$76,000.00
P-150-1	REMOVE BITUMINOUS PAVEMENTS	10,100	SY	\$7.00	\$70,700.00
P-150-2	REMOVE CONCRETE PAVEMENT	560	SY	\$20.00	\$11,200.00
P-152-1	UNCLASSIFIED EXCAVATION	5200	CY	\$7.00	\$36,400.00
P-155-1	LIME-TREATED SUBGRADE, 6"	11,750	SY	\$2.50	\$29,375.00
P-155-2	LIME (5%)	211	TON	\$100.00	\$21,100.00
P-157-1	SILT FENCE	550	LF	\$5.00	\$2,750.00
P-304-1	CEMENT TREATED BASE COURSE, 6"	12,200	SY	\$15.00	\$183,000.00
P-400-1	BITUMINOUS SURFACE COURSE	110	TONS	\$200.00	\$22,000.00
P-501-1	12 INCH PCC PAVEMENT, NON-REINFORCED	7,625	SY	\$45.00	\$343,125.00
P-501-2	12 INCH PCC PAVEMENT, REINFORCED	850	SY	\$48.00	\$40,800.00
P-501-3	12-15 INCH PCC PAVEMENT, NON-REINFORCED	2,250	SY	\$50.00	\$112,500.00
P-501-4	12-15 INCH PCC PAVEMENT, REINFORCED	1,075	SY	\$53.00	\$56,975.00
P-603-1	BITUMINOUS TACK COAT	92	GAL	\$10.00	\$920.00
P-612-1	MILLING BITUMINOUS PAVEMENT, 1 1/2 INCH DEPTH	410	SY	\$8.00	\$3,280.00
SP-21	TIE DOWNS - NEENAH R-3490-A	54	EA	\$350.00	\$18,900.00
P-620-1	PAVEMENT MARKING, NON REFLECTIVE 4" YELLOW	8,100	SF	\$2.00	\$16,200.00
T-904-1	SODDING	250	SY	\$60.00	\$15,000.00
SP-22	GATE ASSEMBLY	1	EA	\$20,000.00	\$20,000.00
				Total Base Bid	\$1,156,225.00

7-1-03

**ADDISON AIRPORT
PROJECT BUDGET SUMMARY
HANGAR "B" PAVEMENT RECONSTRUCTION**

Engineer's Opinion of Probable Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL ESTIMATE
M-101-1	MOBILIZATION	1	LS	\$23,000.00	\$23,000.00
M-102-1	MAINTENANCE OF TRAFFIC	1	LS	\$23,000.00	\$23,000.00
P-150-1	REMOVE OF BITUMINOUS PAVEMENTS	5,020	SY	\$7.00	\$35,140.00
P-150-3	REMOVE DRAINAGE STRUCTURE	0	EA	\$2,000.00	\$0.00
P-150-4	REMOVE PIPE	0	LF	\$10.00	\$0.00
P-152-1	UNCLASSIFIED EXCAVATION	250	CY	\$7.00	\$1,750.00
P-157-1	SILT FENCE	1,115	LF	\$5.00	\$5,575.00
P-304-1	CEMENT TREATED BASE, 6"	4440	SY	\$15.00	\$66,600.00
P-400-1	BITUMINOUS SURFACE COURSE	100	TON	\$200.00	\$20,000.00
P-400-2	BITUMINOUS SURFACE COURSE - TEMP. PVMT	30	TON	\$200.00	\$6,000.00
P-501-5	8 INCH PCC PAVEMENT, NON-REINFORCED	1,650	SY	\$40.00	\$66,000.00
P-501-6	8 INCH PCC PAVEMENT, REINFORCED	0	SY	\$41.00	\$0.00
P-501-7	8-10 INCH PCC PAVEMENT, NON-REINFORCED	2,762	SY	\$45.00	\$124,290.00
P-501-8	8-10 INCH PCC PAVEMENT, REINFORCED	0	SY	\$48.00	\$0.00
P-603-1	BITUMINOUS TACK COAT	90	GAL	\$10.00	\$900.00
D-701-1	18" CLASS IV RCP	0	LF	\$55.00	\$0.00
D-751-1	INLET, TYPE A	0	EA	\$6,000.00	\$0.00
F-162-2	TEMPORARY GATE	0	EA	\$1,750.00	\$0.00
T-904-1	SODDING	170	SY	\$60.00	\$10,200.00
Total Base Bid					\$382,455.00

7-1-03

**ADDISON AIRPORT
PROJECT BUDGET SUMMARY
HANGAR "C" PAVEMENT RECONSTRUCTION**

Engineer's Opinion of Probable Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL ESTIMATE
M-101-1	MOBILIZATION	1	LS	\$18,000.00	\$18,000.00
M-102-1	MAINTENANCE OF TRAFFIC	1	LS	\$18,000.00	\$18,000.00
P-150-1	REMOVE OF BITUMINOUS PAVEMENTS	3,120	SY	\$7.00	\$21,840.00
P-150-3	REMOVE DRAINAGE STRUCTURE	1	EA	\$2,000.00	\$2,000.00
P-150-4	REMOVE PIPE	141	LF	\$10.00	\$1,410.00
P-152-1	UNCLASSIFIED EXCAVATION	1250	CY	\$7.00	\$8,750.00
P-157-1	SILT FENCE	420	LF	\$5.00	\$2,100.00
P-304-1	CEMENT TREATED BASE, 6"	2960	SY	\$15.00	\$44,400.00
P-400-1	BITUMINOUS SURFACE COURSE	35	TON	\$200.00	\$7,000.00
P-400-2	BITUMINOUS SURFACE COURSE - TEMP. PVMT	0	TON	\$200.00	\$0.00
P-501-5	8 INCH PCC PAVEMENT, NON-REINFORCED	1,750	SY	\$40.00	\$70,000.00
P-501-6	8 INCH PCC PAVEMENT, REINFORCED	93	SY	\$41.00	\$3,813.00
P-501-7	8-10 INCH PCC PAVEMENT, NON-REINFORCED	790	SY	\$45.00	\$35,550.00
P-501-8	8-10 INCH PCC PAVEMENT, REINFORCED	325	SY	\$48.00	\$15,600.00
P-603-1	BITUMINOUS TACK COAT	35	GAL	\$10.00	\$350.00
D-701-1	18" CLASS IV RCP	141	LF	\$55.00	\$7,755.00
D-751-1	INLET, TYPE A	1	EA	\$6,000.00	\$6,000.00
F-162-2	TEMPORARY GATE	1	EA	\$1,750.00	\$1,750.00
T-904-1	SODDING	570	SY	\$60.00	\$34,200.00
				Total Base Bid	\$298,518.00

Jim Pierce

From: Tony Krauss [TKRAUSS@dot.state.tx.us]
Sent: Friday, June 27, 2003 11:17 AM
To: Jim Pierce
Subject: Addison airport project cost estimate

Bid Item total: \$ 2,130,470-- this is the sum of the costs for the apron and the hangar access pavement reconstruction

Contingency: 325,000--15% of bid item total

Engn fee Const Ph: 14,280.00

Engn fee Close Out Ph: 3,447.60

P501 bonus 6% 60,000

RPR 40,000.00

Matl test 20,000.00

Advertise 2,500.00

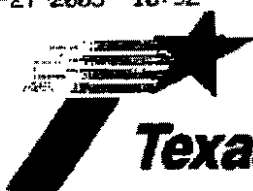
factor 1.22

TOTAL \$ 2,595,697.60, say \$2.6 million

JUN-27-2003 10:52

TXDOT AVIATION DIVISION

512 416 4510 P.01/01



Texas Department of Transportation

AVIATION DIVISION

126 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • 512/416-4500 • FAX 512/416-4810

BY FACSIMILE

(972) 450-2837

June 27, 2003

Mr. Mark Acevado
FFS Administrator, Town of Addison
PO Box 9010
Addison, Texas 75001

0218 ADDON

RE: TXDOT Project No.: AP ADDISON 7
TXDOT CSJ No.: 0318ADDON
Fund Source: 4002000006

Ramp Reconstruction
@ Terminal Bldg.

Dear Mr. Acevado,

The current estimate for the above reference construction project is \$2,594,700. The Sponsors Share of the estimated cost is \$259,470. Please remit the Sponsors Share to an address shown below not later than July 28, 2003. We cannot advertise until the estimated sponsors share is received.

Texas Department of Transportation

ATTN: Diana Ruiz
P.O. Box 5020
Austin, Texas 78763

OR

Texas Department of
Transportation
ATTN: Diana Ruiz
125 E. 11th Street
Austin, Texas 78701-2483
(overnight address)

If you have any questions, need additional information, please contact me at 512/416-4512.

Sincerely,

Allison Martin
Grant Manager

cc: Diana Ruiz, Finance

Spec - conc/Hot mix Bonus

Ramp 2.6
Ramp 1,156,225
Ramp 974,245

2,130,470

15% 2130 const
325 anting
60 RPR Testing
60K bonus for early finish
17K Project Close out

JUN-27-2003 15:13

TXDOT AVIATION DIVISION

512 416 4510 P.01/04

**Fax****To:** Jim Pierce, P.E.**From:** Tony Krauss, P.E.**Fax:** 972.450.2837**Pages:** 4 w/ cover**Phone:** 972.450.2879**Date:** June 27, 2003**Re:** Addison construction cost estimate

Jim: this is the info we discussed.

JUN-27-2003 15:13

TXDOT AVIATION DIVISION

512 416 4510 P.02/04

Addition

6-26-03

0318 A000K

CONST COST

APPROX 1,156,225

HOUR PAID 974,245

BASE BLO 2,130,470

CONST @ 15% 325,000

ENGR Fee 17,727.60

CONST 14280.00

C.O. 3447.60

P401 BONUS 0

P501 BONUS 60,000

RPR 13^{HR} x 55^{HR} x 50^{HR} 40,000

MATLS TEST 20,000

ADV 2,500

*2,595,697⁶⁰

JUN-27-2003 15:13

TXDOT AVIATION DIVISION

512 416 4510 P.03/04

**Addison Airport
PROJECT BUDGET SUMMARY
RAMP 'A' PAVEMENT REPLACEMENT**

Engineer's Opinion of Probable Cost- Preliminary Review

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL ESTIMATE
M-101	MOBILIZATION	1	LS	\$75,000.00	\$75,000.00
M-102	MAINTENANCE OF TRAFFIC	1	LS	\$75,000.00	\$75,000.00
P-150-1	REMOVE BITUMINOUS PAVEMENTS	10,100	SY	\$7.00	\$70,700.00
P-150-2	REMOVE CONCRETE PAVEMENT	560	SY	\$20.00	\$11,200.00
P-152-1	UNCLASSIFIED EXCAVATION	5200	CY	\$7.00	\$36,400.00
P-155-1	LIME-TREATED SUBGRADE, 6"	11,760	SY	\$2.50	\$29,375.00
P-155-2	LIME (5%)	211	TON	\$100.00	\$21,100.00
P-157-1	SILT FENCE	550	LF	\$5.00	\$2,750.00
P-304-1	CEMENT TREATED BASE COURSE, 6"	12,200	SY	\$15.00	\$183,000.00
P-400-1	BITUMINOUS SURFACE COURSE	110	TONS	\$200.00	\$22,000.00
P-501-1	12 INCH PCC PAVEMENT, NON-REINFORCED	7,825	SY	\$45.00	\$343,125.00
P-501-2	12 INCH PCC PAVEMENT, REINFORCED	850	SY	\$48.00	\$40,800.00
P-501-3	12-15 INCH PCC PAVEMENT, NON-REINFORCED	2,250	SY	\$50.00	\$112,500.00
P-501-4	12-15 INCH PCC PAVEMENT, REINFORCED	1,075	SY	\$53.00	\$56,975.00
P-603-1	BITUMINOUS TACK COAT	82	GAL	\$10.00	\$820.00
612-1	MILLING BITUMINOUS PAVEMENT, 1 1/2 INCH DEPT	410	SY	\$8.00	\$3,280.00
SP-21	TIE DOWNS - NEENAH R-3490-A	54	EA	\$350.00	\$18,900.00
P-620-1	PAVEMENT MARKING, NON REFLECTIVE 4" YELLOW	8,100	SF	\$2.00	\$16,200.00
T-904-1	SODDING	250	SY	\$60.00	\$15,000.00
SP-22	GATE ASSEMBLY	1	EA	\$20,000.00	\$20,000.00
				Total Base Bid	\$1,168,225.00

**Addison Airport
PROJECT BUDGET SUMMARY
RAMP 'A' PAVEMENT REPLACEMENT**

Engineer's Opinion of Probable Cost- Preliminary Review

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL ESTIMATE
M-101	MOBILIZATION	1	LS	\$76,000.00	\$76,000.00
M-102	MAINTENANCE OF TRAFFIC	1	LS	\$76,000.00	\$76,000.00
P-150-1	REMOVE BITUMINOUS PAVEMENTS	10,100	SY	\$7.00	\$70,700.00
P-150-2	REMOVE CONCRETE PAVEMENT	560	SY	\$20.00	\$11,200.00
P-152-1	UNCLASSIFIED EXCAVATION	5200	CY	\$7.00	\$36,400.00
P-155-1	LIME-TREATED SUBGRADE, 6"	11,750	SY	\$2.50	\$29,375.00
P-155-2	LIME (5%)	211	TON	\$100.00	\$21,100.00
P-157-1	SILT FENCE	550	LF	\$5.00	\$2,750.00
P-304-1	CEMENT TREATED BASE COURSE, 6"	12,200	SY	\$15.00	\$183,000.00
P-400-1	BITUMINOUS SURFACE COURSE	110	TONS	\$200.00	\$22,000.00
P-501-1	12 INCH PCC PAVEMENT, NON-REINFORCED	7,625	SY	\$45.00	\$343,125.00
P-501-2	12 INCH PCC PAVEMENT, REINFORCED	850	SY	\$48.00	\$40,800.00
P-501-3	12-15 INCH PCC PAVEMENT, NON-REINFORCED	2,250	SY	\$50.00	\$112,500.00
P-501-4	12-15 INCH PCC PAVEMENT, REINFORCED	1,075	SY	\$53.00	\$56,975.00
P-603-1	BITUMINOUS TACK COAT	92	GAL	\$10.00	\$920.00
P-612-1	MILLING BITUMINOUS PAVEMENT, 1 1/2 INCH DEPTH	410	SY	\$8.00	\$3,280.00
SP-21	TIE DOWNS - NEENAH R-3490-A	54	EA	\$350.00	\$18,900.00
P-620-1	PAVEMENT MARKING, NON REFLECTIVE 4" YELLOW	8,100	SF	\$2.00	\$16,200.00
T-904-1	SODDING	250	SY	\$60.00	\$15,000.00
SP-22	GATE ASSEMBLY	1	EA	\$20,000.00	\$20,000.00
				Total Base Bid	\$1,156,225.00

*500
500 / 9" = \$6.30*

**Addison Airport
PROJECT BUDGET SUMMARY
HANGAR PAVEMENT RECONSTRUCTION**

Engineer's Opinion of Probable Cost- Preliminary Review

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL ESTIMATE
M-101-1	MOBILIZATION	1	LS	\$64,000.00	\$64,000.00
M-102-1	MAINTENANCE OF TRAFFIC	1	LS	\$64,000.00	\$64,000.00
P-150-1	REMOVE OF BITUMINOUS PAVEMENTS	11,300	SY	\$7.00	\$79,100.00
P-150-3	REMOVE DRAINAGE STRUCTURE	1	EA	\$2,000.00	\$2,000.00
P-150-4	REMOVE PIPE	141	LF	\$10.00	\$1,410.00
P-152-1	UNCLASSIFIED EXCAVATION	1750	CY	\$7.00	\$12,250.00
P-157-1	SILT FENCE	1,850	LF	\$5.00	\$9,250.00
P-304-1	CEMENT TREATED BASE, 6"	10500	SY	\$15.00	\$157,500.00
P-400-1	BITUMINOUS SURFACE COURSE	170	TON	\$200.00	\$34,000.00
P-400-2	BITUMINOUS SURFACE COURSE - TEMP. PVMT	30	TON	\$201.00	\$6,030.00
P-501-5	8 INCH PCC PAVEMENT, NON-REINFORCED	4,450	SY	\$40.00	\$178,000.00
P-501-6	8 INCH PCC PAVEMENT, REINFORCED	3,825	SY	\$41.00	\$156,825.00
P-501-7	8-10 INCH PCC PAVEMENT, NON-REINFORCED	1,325	SY	\$45.00	\$59,625.00
P-501-8	8-10 INCH PCC PAVEMENT, REINFORCED	900	SY	\$48.00	\$43,200.00
P-603-1	BITUMINOUS TACK COAT	155	GAL	\$10.00	\$1,550.00
D-701-1	18" CLASS IV RCP	141	LF	\$55.00	\$7,755.00
D-751-1	INLET, TYPE A	1	EA	\$6,000.00	\$6,000.00
F-162-2	TEMPORARY GATE	1	EA	\$1,750.00	\$1,750.00
T-904-1	SODDING	1,500	SY	\$60.00	\$90,000.00
Total Base Bid					\$974,245.00

Jim Pierce

From: Jim Pierce
Sent: Tuesday, June 24, 2003 11:21 AM
To: Minok Suh
Cc: Jenny Nicewander (E-mail)
Subject: FW: FW: Addison Airport Ramp Pavement Project

Minok: Bid schedule for above

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

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

From: Tony Krauss [mailto:TKRAUSS@dot.state.tx.us]
Sent: Tuesday, June 24, 2003 10:39 AM
To: Jim Pierce
Cc: Mark Acevedo; Bruce Ehly; lisa.pyles@wgint.com
Subject: RE: FW: Addison Airport

First advertisement: 8-3-03
Second advertisement: 8-10-03
Bid opening: 8-28-03
Best guess contract execution with contractor: Sept 30 thru October 10
(latest) this date based on contractor's response to contracts.
Notice to Proceed with construction: earliest is first day after
contract execution.

>>> "Jim Pierce" <jpierce@ci.addison.tx.us> 06/24/03 10:16AM >>>
Tony: Can you nail down the schedule with dates now?

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

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

From: Tony Krauss [mailto:TKRAUSS@dot.state.tx.us]
Sent: Tuesday, June 24, 2003 8:58 AM
To: Jim Pierce
Cc: Bruce Ehly; lisa.pyles@wgint.com
Subject: Re: FW: Addison Airport

Hi Jim: I have double-checked to see what the schedule can be, and it is too late to get the project on the June Transportation Commission agenda, and the next meeting to take projects to Commission is August.

So the best we can do is to open bids the day of the Commission approval and then award the contract.

TK

Jim Pierce

From: Mark Acevedo
Sent: Tuesday, June 24, 2003 9:28 AM
To: Jim Pierce
Cc: 'Lisa Pyles'
Subject: RE: FW: Addison Airport

Jim,

We have repeatedly told City Management that this project would start right after Kaboom Town. Am I understanding this is not the case now? If so, why? and who at TX-DOT can explain this? When will the project start?

Mark

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

From: Lisa Pyles [mailto:lisa.pyles@wgint.com]
Sent: Tuesday, June 24, 2003 9:07 AM
To: Jim Pierce
Cc: Mark Acevedo
Subject: FW: FW: Addison Airport

The question that I still don't see answered (and maybe it doesn't matter now) is why the delay on putting in on the Transportation Commission agenda? I believe that we had all the information to them in time. I'm not expecting any solution, it's just frustrating. The commission doesn't meet until the end of August so this puts it back even more.

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

From: Tony Krauss [mailto:TKRAUSS@dot.state.tx.us]
Sent: Tuesday, June 24, 2003 8:58 AM
To: jpierce@ci.addison.tx.us
Cc: Bruce Ehly; lisa.pyles@wgint.com
Subject: Re: FW: Addison Airport

Hi Jim: I have double-checked to see what the schedule can be, and it is too late to get the project on the June Transportation Commission agenda, and the next meeting to take projects to Commission is August. So the best we can do is to open bids the day of the Commission approval and then award the contract.

TK

>>> "Jim Pierce" <jpierce@ci.addison.tx.us> 06/19/03 08:30AM >>>

Tony: As you know our original schedule for this project was to start construction July 7th. I know things can slip a little, but this seems like a little too much. Can you do anything to improve this schedule? Thanks,

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

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

From: Jenny Nicewander [mailto:JNicewander@HNTB.com]
Sent: Wednesday, June 18, 2003 7:17 PM

Jim Pierce

From: Jim Pierce
Sent: Thursday, June 19, 2003 8:31 AM
To: Tony Krauss (E-mail)
Cc: Lisa Pyles (E-mail); Bruce Ehly (E-mail)
Subject: FW: Addison Airport

Tony: As you know our original schedule for this project was to start construction July 7th. I know things can slip a little, but this seems like a little too much. Can you do anything to improve this schedule? Thanks,

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

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

From: Jenny Nicewander [mailto:JNicewander@HNTB.com]
Sent: Wednesday, June 18, 2003 7:17 PM
To: Jerry Holder; Jim Pierce; lisa.pyles@wgint.com;
luis.elguezabal@wgint.com
Subject: FW: Addison Airport

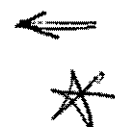
FYI:

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

From: Edie Stimach [mailto:ESTIMACH@dot.state.tx.us]
Sent: Tuesday, June 17, 2003 2:54 PM
To: Jenny Nicewander
Cc: Tony Krauss
Subject: RE: Addison Airport

Thank you for the bidding information.

With regard to advertisement in August...we do not have any advertisement schedule. This project is tentatively scheduled for Commission approval at the end of August at this time. Normally, once we have Sponsor's share of funds we can advertise the project, but we cannot award the contract until Commission has approved the project. At this time we are waiting for an estimate of total construction costs to bill the Sponsor and move forward with Commission approval.



Edie Stimach
TxDOT Aviation Division
(512) 416-4518
fax (512) 416-4510
estimach@dot.state.tx.us

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Jim Pierce

From: Tony Krauss [TKRAUSS@dot.state.tx.us]
Sent: Tuesday, June 17, 2003 7:32 AM
To: Edie Stimach; JNicewander@HNTB.com
Cc: Jim Pierce
Subject: Re: Addison Airport

We are tentatively planning to advertise Aug 3, 03 with bid opening August 28, 03.

Although we will be using an estimate on RPR costs, we need to decide who is to be the RPR and what the hourly rate, NTE amount will be prior to opening bids.

I will forward some info on potential RPR candidates for your review and then we can discuss them.

TK

>>> "Jenny Nicewander" <JNicewander@HNTB.com> 06/16/03 03:53PM >>>

I was wanting to know if there was an advertisement schedule for the Addison Airport. I also wanted to see if there was anything else you needed from us? The Airport called and is anxious to get this project started...

Thanks for your help.

Jenny

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient or the person responsible for delivering the e-mail to the intended recipient, be advised that you have received this e-mail in error and that any use, dissemination, forwarding, printing, or copying of this e-mail is strictly prohibited.

Jim Pierce

From: Minok Suh
Sent: Friday, June 13, 2003 11:24 AM
To: Jim Pierce
Subject: RE: airport paving

okay, let me know
Thanks

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

From: Jim Pierce
Sent: Friday, June 13, 2003 8:56 AM
To: Minok Suh
Subject: RE: airport paving

Minok: They are now saying "the first part of August"

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

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

From: Minok Suh
Sent: Thursday, June 12, 2003 1:16 PM
To: Jim Pierce
Subject: airport paving

Jim have you heard anything more about the date for bid opening for the airport paving? Please let me know since I have several bids schedule to open in July and I don't want to have conflict in my schedule.

Thanks
Minok Suh

Jim Pierce

From: Edie Stimach [ESTIMACH@dot.state.tx.us]
Sent: Wednesday, June 11, 2003 2:17 PM
To: Jim Pierce
Cc: Tony Krauss
Subject: RE: Addison Airport Pavement Reconstruction Project

Not just yet, we need to get some housekeeping done first. My target for advertisement is the first part of August, if everything is in place by then.

Edie Stimach
TxDOT Aviation Division
(512) 416-4518
fax (512) 416-4510
estimach@dot.state.tx.us

>>> "Jim Pierce" <jpierce@ci.addison.tx.us> 06/11/03 02:10PM >>>
Are we ready to talk about bidding this project and setting a schedule?

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

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

From: Edie Stimach [mailto:ESTIMACH@dot.state.tx.us]
Sent: Tuesday, May 20, 2003 11:05 AM
To: Jim Pierce
Cc: Tony Krauss
Subject: RE: Addison Airport Pavement Reconstruction Project

No, I have not seen the document or have Tony's approval to advertise yet. He is reviewing it right now.

Edie Stimach
TxDOT Aviation Division
(512) 416-4518
fax (512) 416-4510
estimach@dot.state.tx.us

>>> "Jim Pierce" <jpierce@ci.addison.tx.us> 05/20/03 10:39AM >>>
Have the tentative dates been finalized?

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

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

From: Edie Stimach [mailto:ESTIMACH@dot.state.tx.us]
Sent: Monday, May 12, 2003 7:16 AM
To: Jim Pierce; Tony Krauss
Cc: Mark Acevedo; Minok Suh; jnicewander@hntb.com; lisa.pyles@wgint.com

Jim Pierce

From: Jim Pierce
Sent: Thursday, May 22, 2003 1:40 PM
To: Minok Suh
Subject: RE: Addison Airport Pavement Reconstruction Project

Bid date will be July 2, or after. You will be receiving bids and not distributing plans. I would plan on a formal bid opening for now - however, since this project is 90% funded by TxDOT they may want some part in the bid opening.

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

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

From: Minok Suh
Sent: Wednesday, May 21, 2003 4:24 PM
To: Jim Pierce
Subject: RE: Addison Airport Pavement Reconstruction Project

Just want to make sure the bid due date is July 2 or after. I will be out of the office June 17-27.

Also I'll just be receiving the bids and not distributing the plans. Do you want a formal bid opening or just they turn it into me and you guys open?

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

From: Jim Pierce
Sent: Tuesday, May 20, 2003 10:39 AM
To: 'Edie Stimach'; Tony Krauss
Cc: Mark Acevedo; Minok Suh; jnicewander@hntb.com; lisa.pyles@wgint.com
Subject: RE: Addison Airport Pavement Reconstruction Project

Have the tentative dates been finalized?

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

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

From: Edie Stimach [mailto:ESTIMACH@dot.state.tx.us]
Sent: Monday, May 12, 2003 7:16 AM
To: Jim Pierce; Tony Krauss
Cc: Mark Acevedo; Minok Suh; jnicewander@hntb.com; lisa.pyles@wgint.com
Subject: Re: Addison Airport Pavement Reconstruction Project

Please be advised....these are tentative dates, pending all approvals of the bid document and plan drawings by TxDOT and print time for the necessary hard copies.

Edie Stimach
TxDOT Aviation Division
(512) 416-4518
fax (512) 416-4510
estimach@dot.state.tx.us

>>> "Jim Pierce" <jpierce@ci.addison.tx.us> 05/09/03 01:47PM >>>
Tony: This is to confirm the bid schedule we talked about today:
Advertise June 8th and 15th. Prebid meeting June 19th at 10 AM at
Addison Service Center, 16801 Westgrove Drive, Addison, TX 75001.
Receive bids July 2nd, 2PM. Bids shall be received by:

Minok Su, Purchasing Coordinator
Addison Finance Building
5350 Belt Line Road
Dallas, TX 75254

Bids will be opened in the Finance Building conference room.

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

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The HNTB Companies

5910 West Plano Parkway, Suite 200 - Plano, Texas 75093 (972) 661-5626

LETTER OF TRANSMITTAL

Job No.

37365

Date

May 13, 2003

To: Tony Krauss
TxDOT Aviation
125 E. 11th Street
Austin Tx 78701-2483

Re: CSJ # 0218Addon
Final Design Documents

WE ARE FORWARDING TO YOU:

NO. OF COPIES	SHEET NO.	LAST DATED	DESCRIPTION
2			Sets Design Documents - Final Specifications - Proposals - Geotechnical Report
1			CD w/ PDF's of contract documents

THESE ARE TRANSMITTED:

For approval

For your use

As requested

For review & comment

PLEASE NOTE:

Tony,

We are working on getting the vellums to you, we are having problems with our printer. They will follow under separate cover.

COPY TO:

File

Lisa Plyes, Addison Airport, enc., ~~Jim Pierson, Town~~
of Addison, enc., enc.

By

Jenny Nicewander



The HNTB Companies

5910 West Plano Parkway, Suite 200 - Plano, Texas 75093 (972) 661-5628

LETTER OF TRANSMITTAL

Job No.	37365
Date	May 13, 2003

To: Edie Stimach
 TxDOT Aviation
 125 E. 11th Street
 Austin Tx 78701-2483

Re: CSJ # 0218Addon
 Final Design Documents

WE ARE FORWARDING TO YOU:

NO. OF COPIES	SHEET NO.	LAST DATED	DESCRIPTION
1			CD w/ PDF's of contract documents

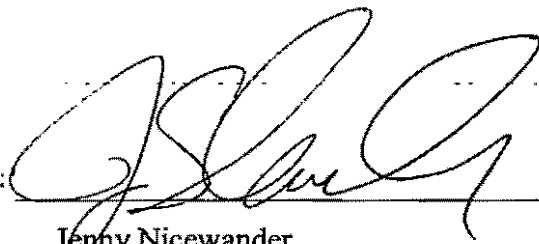
THESE ARE TRANSMITTED:

- For approval
 For your use
 As requested
 For review & comment

PLEASE NOTE:

COPY TO:

File
 Lisa Plyes, Addison Airport, enc., ~~Jim Pierce~~, Town
 of Addison, Tony Krauss, TxDOT, enc.

By: 
 Jenny Nicewander

**Addison Airport
PROJECT BUDGET SUMMARY
RAMP 'A' PAVEMENT REPLACEMENT**

Engineer's Opinion of Probable Cost- Preliminary Review

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL ESTIMATE
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5/22/03

M-101	MOBILIZATION	1	LS	\$76,000.00	\$76,000.00
M-102	MAINTENANCE OF TRAFFIC	1	LS	\$76,000.00	\$76,000.00
P-150-1	REMOVE BITUMINOUS PAVEMENTS	10,100	SY	\$7.00	\$70,700.00
P-150-2	REMOVE CONCRETE PAVEMENT	560	SY	\$20.00	\$11,200.00
P-152-1	UNCLASSIFIED EXCAVATION	5200	CY	\$7.00	\$36,400.00
P-155-1	LIME-TREATED SUBGRADE, 6"	11,750	SY	\$2.50	\$29,375.00
P-155-2	LIME (5%)	211	TON	\$100.00	\$21,100.00
P-157-1	SILT FENCE	550	LF	\$5.00	\$2,750.00
P-304-1	CEMENT TREATED BASE COURSE, 6"	12,200	SY	\$15.00	\$183,000.00
P-400-1	BITUMINOUS SURFACE COURSE	110	TONS	\$200.00	\$22,000.00
P-501-1	12 INCH PCC PAVEMENT, NON-REINFORCED	7,625	SY	\$45.00	\$343,125.00
P-501-2	12 INCH PCC PAVEMENT, REINFORCED	850	SY	\$48.00	\$40,800.00
P-501-3	12-15 INCH PCC PAVEMENT, NON-REINFORCED	2,250	SY	\$50.00	\$112,500.00
P-501-4	12-15 INCH PCC PAVEMENT, REINFORCED	1,075	SY	\$53.00	\$56,975.00
P-603-1	BITUMINOUS TACK COAT	92	GAL	\$10.00	\$920.00
P-612-1	MILLING BITUMINOUS PAVEMENT, 1 1/2 INCH DEPTH	410	SY	\$8.00	\$3,280.00
SP-21	TIE DOWNS - NEENAH R-3490-A	54	EA	\$350.00	\$18,900.00
P-620-1	PAVEMENT MARKING, NON REFLECTIVE 4" YELLOW	8,100	SF	\$2.00	\$16,200.00
T-904-1	SODDING	250	SY	\$60.00	\$15,000.00
SP-22	GATE ASSEMBLY	1	EA	\$20,000.00	\$20,000.00

Total Base Bid: \$1,156,225.00

*115,623
 1734
 4000
 3000
 1500
 cont
 inspect at least
 early finish
 closest*



The HNTB Companies

5910 West Plano Parkway, Suite 200 - Plano, Texas 75093 (972) 681-5626

LETTER OF TRANSMITTAL

Job No.

37365

Date

April 21, 2003

To: Tony Krauss
 TxDOT Aviation
 125 E. 11th Street
 Austin Tx 78701-2483

Re: CSJ # 0218Addon
 Final Design Documents

WE ARE FORWARDING TO YOU:

NO. OF COPIES	SHEET NO.	LAST DATED	DESCRIPTION
3			Sets Design Documents
			- Final Plans
			- Final Specifications
			- Revised Opinion of Probable Cost
			- Updated Design Schedule / Actual Design Schedule
			-Proposals

THESE ARE TRANSMITTED:

For approval

For your use

As requested

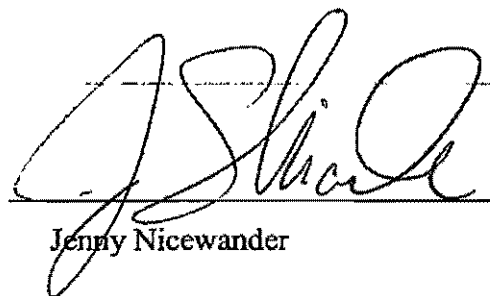
For review & comment

PLEASE NOTE:

cc Mark Acevedo

COPY TO:

File
 Lisa Pyles, Addison Airport, enc., Jim Pierce, Town
 of Addison, enc.,enc.

By: 
 Jenny Nicewander

aw



Tomy Krause

3-26-03

Tx Dot Aviation

Phase I Main Ramp (Apron A)

$\frac{1}{2}$ of each of 3 hangers

Phase II $\frac{1}{2}$ of each of 3 hangers

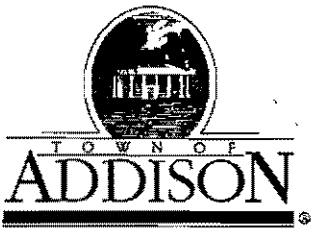
Night work along Ramp - { Hold to minimum

Bulk of apron in daytime -

This would ^{be} part of phase I

Reduce Inspection cost

Do we have an office space available for inspector - Out of way for access, mud, etc. Need fax, phone - bathroom?



Public Works / Engineering

16801 Westgrove • P.O. Box 9010
Addison, Texas 75001

Telephone: (972) 450-2871 • Fax: (972) 450-2837

LETTER OF TRANSMITTAL

DATE	3-11-03	JOB NO.
ATTENTION		
RE:	Addison Airport Pavement Reconstruction	

TO Tony Kraus
TX DOT Aviation Div.
Austin

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			My comments on plans

THESE ARE TRANSMITTED as checked below:

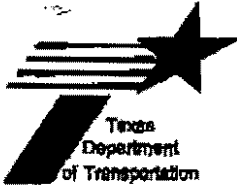
- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED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

REMARKS I only sent the sheets I had comments
on.

COPY TO _____

SIGNED: J. Perie

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



Fax



To: *JIM PIERCE*
Jerry Holder From: Tony Krauss

Fax: ~~972.661.5614~~ ^{972 450 2857} Pages: 2 w/ cover

Phone: ~~972.661.5625~~ *FYI* Date: January 17, 2003

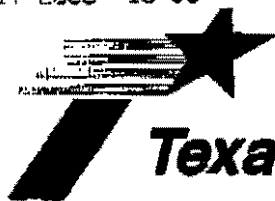
Re: NTP FOR PRELIMINARY DESIGN PHASE, CSJ 0218ADDON

Jerry: pls find attached the Notice to Proceed for the Preliminary Design Phase effective today for the Addison airport project. The paper copy will be mailed today.

Regards,

Tony

512.416.4547



Texas Department of Transportation

AVIATION DIVISION

128 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • 512/416-4500 • FAX 512/416-4510

January 17, 2003

Mr. Jerry D. Holder, Jr., P.E.
HNTB Corporation
5910 West Plano Parkway, Suite 200
Plano, Texas 75093

Dear Mr. Holder:

This letter authorizes you to proceed with the Preliminary Design Phase for Addison Airport, TxDOT Project No. 0218ADDON effective today.

The project schedule in the contract indicates a length of time for the Preliminary Design Phase to be 5 weeks in duration. February 21, 2003 is the due date for submittal of the draft Preliminary Design documents and should include the items covered in Attachment B of the Professional Services Agreement.

Two copies of the documents should be submitted to the Aviation Division and two copies should also be sent to the Addison Airport Board by February 21, 2003.

Sincerely,

A handwritten signature in black ink, appearing to read "Tony S. Krauss". The signature is fluid and cursive.

Tony S. Krauss, P.E.
Project Manager

cc: Ms. Darci Neuzil

Jim Pierce

From: Jerry Holder [JHolder@HNTB.com]
Sent: Tuesday, January 07, 2003 9:26 AM
To: lisa.pyles@staubach.com
Cc: darci.neuzil@staubach.com; Mark Acevedo; jpierce@ci.addison.tx.us; Jay Malo; Jenny Nicewander
Subject: Geotechnical borings on the Airport

Lisa, our geotechnical sub-consultant, Mas-Tek, is requesting a letter stating that the locations we have marked for them to bore are free of utilities. We discussed this in our last meeting and everyone agreed that the airport doesn't have a good record of where utilities are located. As I recall, Jim Pierce and Dave Foster both seemed to think that there weren't any utilities, to their knowledge, in the locations we were wanting to bore.

Mas-Tek does not want to be liable for cutting a utility line. Typically they are able to call Dig-Tess, a utility locating service, to mark the utility lines in an area. Given the unique location of this project, on an airfield, Dig-Tess is not an option. I believe it would be prudent to prepare a letter to Mas-Tek stating something to the effect... "to the airport's knowledge, there are no utilities in the areas marked for boring...if a utility is cut Mas-Tek will not be held liable for any resulting damage or repair costs".

This should be the Town of Addison's decision on how to handle this, not mine, so please don't think that I am directing you to handle this in any particular manner. If you would like to discuss this in more detail, please don't hesitate to call me.

Thanks,

Jerry D. Holder, Jr., PE
Director of Capital Projects
HNTB Corporation
5910 W. Plano Parkway, Suite 200
Plano, TX 75093
972-661-5626 voice
972-661-5614 fax
jholder@hntb.com

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient or the person responsible for delivering the e-mail to the intended recipient, be advised that you

Jim Pierce

From: Darci.Neuzil@staubach.com
Sent: Tuesday, December 10, 2002 2:40 PM
To: Jenny Nicewander
Cc: Steve Mason (E-mail); Jerry Holder (E-mail); Jay Malo; Jenny Nicewander (E-mail); Jim Pierce (E-mail); Lisa.Pyles@staubach.com; Mark Acevedo (E-mail); Ayub Sandhu (E-mail); Tony Krauss (E-mail); Dave.Foster@staubach.com; Bill.Dyer@staubach.com
Subject: ADS Project Revision Drawing



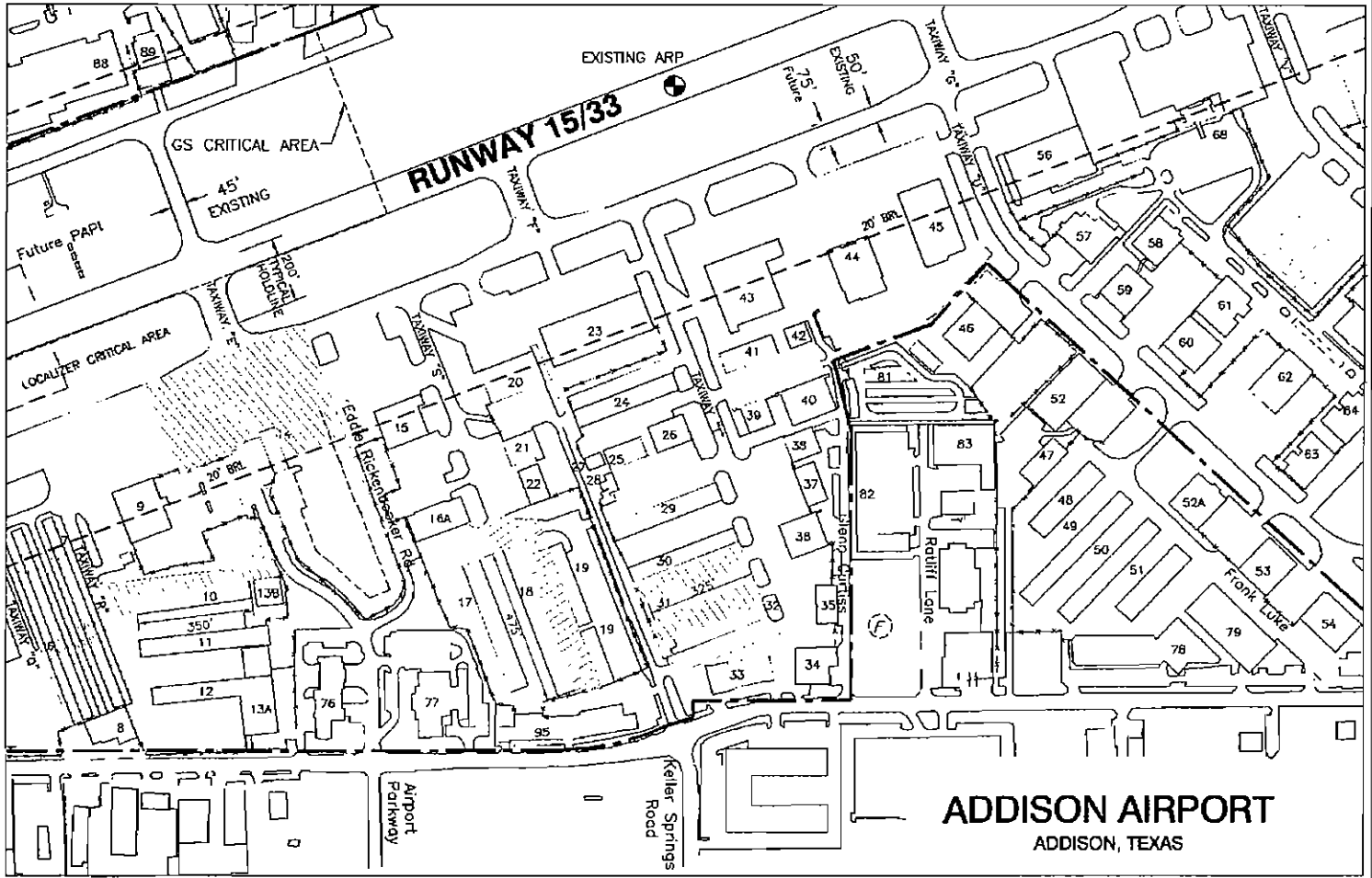
ADDIS-APRON-ARE
A copy.jpg

Attached please find a drawing which shows the proposed changes to the apron/T-Hangar project. As we discussed in our meeting, this drawing shows the areas adjacent to each of the hangar series, rather than the areas under the patio hangars.

Please let me know if you are unable to open the attachment, or if you need additional information.

Thank you,
Darci Neuzil
972-392-4854

(See attached file: ADDIS-APRON-AREA copy.jpg)



ADDISON AIRPORT
ADDISON, TEXAS



The HNTB Companies

Hours of Operation – 8 am to 5 pm, there is normally some airport personal available from 6 am to 6 pm.

Survey and geotechnical work will both begin the week of December 2, 2002.

HNTB and the Addison Airport will locate and mark where the borings will need to be taken on the hangars and ramp on November 22.

Addison Airport asked HNTB to provide a design and construction estimate for the ramp area east of where the proposed project is located.

Meeting Notes

November 21, 2002

Addison Apron Project Kick Off Meeting Agenda

- Introductions
- Project overview
 - Hangar coordination
 - Geotechnical work
 - Construction
- Addison Airport Airside Work Requirements
 - Airport Contact Person — *Dave Foster*
 - Safety class — *Driving School*
 - Badges?
 - Hours of operation
 - Security clearance
 - NOTAMS

ADDISON AIRPORT
KICK OFF MTG

11/21/02

<u>Name</u>	<u>Company</u>	<u>Phone #</u>
Jim Pierce	Town of Addison	972-450-2879
Jerry Holder	HNTB	972-661-5626
Michael Roland	Mas-Tek	214 500-3100
EARNIE COCK	ARS ENGINEERS	214 739-3152
JENNY NICEWANDER	HNTB	972 661 5626
LISA Pykes	Airport	972 392 4855
Bill Dyer	Airport	972-392-4856
DAVE FOSTER	Airport	972-392-4852
MARK ACEVEDO	TOWN OF ADDISON	972-450-2848
Darci Neuzil	Airport	972-392-4854



The HNTB Companies

Meeting Agenda

Job No.

Date:

September 19, 2002

ATTENDEES _____

AGENDA ITEMS

1. Introductions
2. Project Overview
3. Define limits of construction for apron, taxiway and hangars.
4. Discuss any existing plans, specs, maps, from previous relevant and/or adjacent projects
5. Discuss design criteria, existing soil boring logs, boundary or other surveys, survey benchmark information and any planning or engineering reports.
6. Define fleet mix for ramp pavement design requirements. (737 vs Cat II) Confirm hangar ramp section.
7. Schematic layout – minimum requirements?
8. Define ramp and taxiway/taxilane operations – for construction sequencing
9. Define design schedule.
10. Define expected construction schedule.
11. Ability to relocate planes in the hangars? One hangar at a time?
12. Tie downs on ramp – Where? number?
13. Discuss plan review process? Coordination of comments?
14. Signature block for Town of Addison on Contract?
15. Review professional service needs during design, bid phase, construction admin and construction observation phases.
16. Review plan, specification and engineer report expectations.

ACTION TO BE TAKEN

93,000 ft²

737 / Single Engine

3 months design
Const. Apron by July 31st

Tx DOT needs
2 months after
Final design is
approved to Bid &
Award

Alvin - pave over grass areas?

PCC road strength? Address in PER

Work next to Taxiway A done @ night (in safety area)

Move all planes out of area. Do one hangar @ a time
Width of Taxiway safety area in drawings

COPY TO:

NOTE: This record to be retained in the master file.

Airport Ramp Project -

9-19-02

Key off design →
Tony:

- 1) Fee negotiations - 3 wks
- 2) NTP - PER phase - meet again
- 3) Prelim Eng Report
- 4) meet to discuss PER - Firm up
- 5) NTP - final design
- 6) go to ~~100% design~~ Prelim Design Phase goes to 90%
- 7) 100% Plans & Specs for TX DOT - use FAA Specs
- 8) meet @ site / NTP on bid phase
- 9) TX DOT advertises -
- 10) Bid opening - @ Airport 2pm
Engr opens, tabulates, recommends

Special conditions go on the plans

TX DOT provides front end docs.

Resident Proj. Rep will be provided.

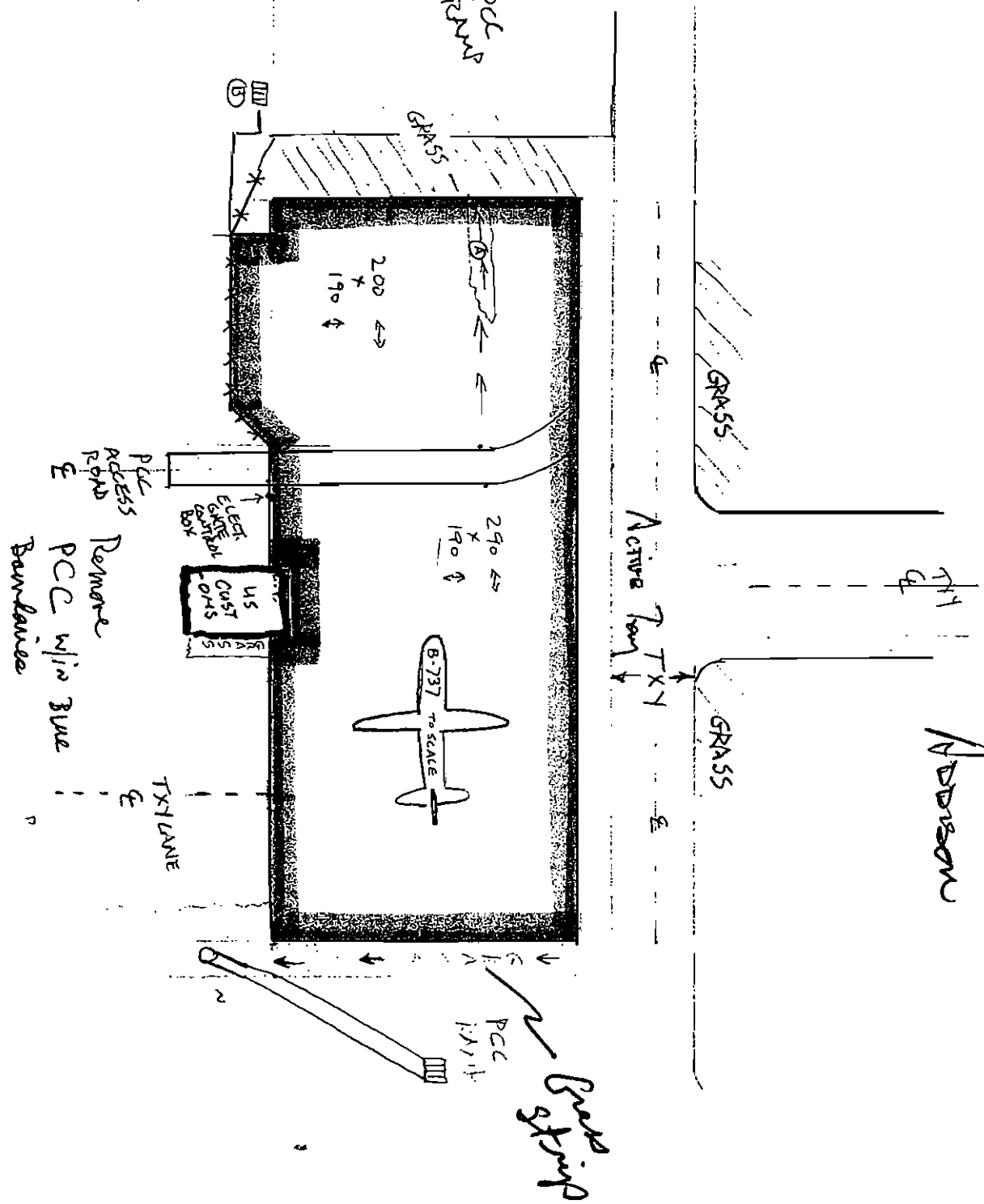
Surveyor, Geotech access

3 days Geotech,

No lighting

Advison

- (A) = STAIRS PER WHERE EXHIBITATED RUDYDOP WAS COLLECTED.
- (B) = INLET 22' BELOW APPROX GRADE.



50 SHEETS
22-141
100 SHEETS
22-142
200 SHEETS
22-144



Airport Ramp Project Kick off Design

9-19-02

ATTENDEES

JENNY NICEWANDER	HNTB	972 628-3164
AYUB SANDHU	A.R.S. Engineering, Inc.	214-739-3152
JAY MALO	HNTB	817 870-1808
Jim Pierce	Town of Addison	972-450-2879
MARK ACEVEDO	TOWN OF Addison	972-450-2848
Darci Neuzil	Addison Airport	972-392-4854
Tony S. Krauss	TxDOT	512 416-4547
ALVIN DEVANE	FAA ADS ATCT	972-239-3725
LARRY GARDNER	NATCA " "	"
LISA Pyles	Addison Airport	972 392-4855
RON PLEASANT	MAS TEK	(972) 709-7384
Steve Mason	Mas-Tek	(972) 709-7384
Jerry Holder	HNTB	(972) 661-5626



Texas Department of Transportation

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What's New

Notice to Consultants for Aviation Consultant Contracts ADDISON MUNICIPAL AIRPORT

Last Update: Friday, May 31, 2002

Texas Department of Transportation

Aviation Division

Requests for Qualifications for Engineering Services

Allison Martin
Chris
Mark
Mike
Joe
Bell Ships

The Airport Sponsor listed below, through their agent, the Texas Department of Transportation (TxDOT), intend to engage Aviation Professional Engineering Firms for services pursuant to Chapter 2254, Subchapter A, of the Government Code. TxDOT, Aviation Division will solicit and receive qualifications for professional engineering design services as described in the project scope for the project listed below:

Airport Sponsor: Town of Addison, Addison Municipal Airport. TxDOT CSJ No.: 0218ADDON.
Project Scope: Provide engineering/design services to reconstruct parking and taxiway pavement and reconstruct apron. Project Manager: Tony Krauss.

Interested firms shall utilize the Form 439, titled "Aviation Engineering Services Questionnaire", (August, 2000 version). The forms may be requested from TxDOT, Aviation Division, 125 E. 11th Street, Austin, Texas 78701-2483, Phone number, 1-800-68-PILOT (74568). The form may be E-mailed by request or downloaded from the TxDOT web site, URL address <http://www.dot.state.tx.us/insdtdot/orgchart/avn/avninfo/avninfo.htm>. Download the file from the selection "Engineer Services Questionnaire Packet". The form may not be altered in any way, and all printing must be in black. **QUALIFICATIONS WILL NOT BE ACCEPTED IN ANY OTHER FORMAT. (Note: The form is an MS Word, Version 7, document).**

Two completed, unfolded copies of Form 439 (August, 2000 version), for each project of interest to the engineer must be postmarked by U. S. Mail midnight June 13, 2002 (CDST). Mailing address: TxDOT, Aviation Division, 125 E. 11th Street, Austin, Texas 78701-2483. Overnight delivery must be received by 4:00 p.m. (CDST) on June 14, 2002; overnight address: TxDOT, Aviation Division, 200 E. Riverside Drive, Austin, Texas, 78704. Hand delivery must be received by 4:00 p.m. June 14, 2002 (CDST); hand delivery address: 150 E. Riverside Drive, 5th Floor, South Tower, Austin, Texas 78704. The two pages of instructions should not be forwarded with the completed questionnaires. Electronic facsimiles will not be accepted.

E-MAIL DELIVERY OPTION Your form 439 may be E-mailed to TxDOT, at E-mail address AVNRFQ@dot.state.tx.us. E-mails must be received by 4:00 p.m. June 13, 2002 (CDST). Received times will be determined by the marked time and date as the E-mail is received into the TxDOT network system. Please allow sufficient time to ensure delivery into the TxDOT system by the deadline. After receipt, you will be electronically notified of receipt by return email. Return notification may be delayed by a day or two, as the forms will be opened and printed at the TxDOT offices. Before E-mailing the form, please confirm your completion of the form. TxDOT will directly print the transmittal and not change the formatting or information contained on the form following receipt. Signatures will not be required on electronically submitted forms. You may type in the responsible party's name on the signature line.

Each airport sponsor's duly appointed committee will review all professional qualifications and may select three to five firms to submit proposals. Those firms selected will be required to provide more detailed, project-specific proposals which address the project team, technical approach, Disadvantage Business Enterprise (DBE) participation or Historically Underutilized Business (HUB) participation, design schedule, and other project matters, prior to the final selection process. The final engineer selection by the sponsor's committee will generally be made following the completion of review of Request for Qualification statements/proposals and/or engineer interviews. Each airport sponsor reserves the right to reject any or all statements of qualifications, and to conduct new professional services selection procedures.

If there are any procedural questions, please contact Karon Wiedemann, Director, Grant Management, or the designated Project Manager for technical questions at 1-800-68-PILOT (74568).

[Top...](#)

[Back...](#)

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[Aviation Division](#)

[Doing Business with TxDOT](#)

[◆ Texas Marketplace Government Bid Opportunities](#)

*Passed
April 9, 2002*

#R8-1

Council Agenda Item: #R8

SUMMARY:

Consideration of a resolution authorizing the City Manager to enter into a Federal Aviation Administration Grant Agreement administered by the Texas Department of Transportation, to make airport improvements.

BACKGROUND:

The Town of Addison is scheduled to receive an FAA grant for a project estimated to cost a total of \$1,967,038. Through an FAA grant administered by the Texas Department of Transportation, Aviation Department under the State Block Grant program, the project will consist of design and construction of a terminal aircraft parking apron and patio hangar taxi-lanes. The project designs are to be accomplished in FY 2002 and the construction in FY 2003. The grant will require a ten percent local contribution with the FAA paying the remaining ninety percent.

Dave Pearce, Airport Director has attached to his memorandum a photo showing the location of the aircraft parking apron and patio hangar taxi-lanes for the project.

Funds required for the Town's share of design costs is \$14,400 and is available in the Airport fund. The Town's share of construction costs of \$182,304 will be budgeted in the Airport fund for fiscal year 2003.

RECOMMENDATION:

Staff recommends approval.

Attachments: Resolution
Dave Pearce – Memorandum
Photo

MA

#R8-2

Fax: 972.788.9334
4651 Airport Parkway
Addison, Texas 75001
Phone: 972.392.4855



Memo

To: Mark Acevedo, Administrator Facilities & Fleet Services
From: David C. Pearce, Airport Director
CC: Darci Neuzil, Assistant Airport Director
Bob Katzen, Real Estate Operations Manager
Date: 4/2/2002
Re: Terminal Aircraft Parking Apron & Patio Hangar Taxilanes Grant

Comments:

This memo is to provide a recommendation to design and construct a terminal aircraft parking apron and patio hangar taxilanes through a FAA grant administered by the Texas Department of Transportation, Aviation Department under the State Block Grant program. A photo depicting the proposed construction sites is attached.

Addison is scheduled to receive an FAA grant for projects estimated to cost a total of \$1,967,038. The project designs are to be accomplished in FY 2002 and the construction in FY 2003. The grant will require a ten percent local contribution with the FAA paying the remaining ninety percent. The cost breakdown is depicted below:

Year	Local Cost	Federal Cost	Total
2002	\$14,400	\$129,600	\$144,000
2003	\$182,303.80	\$1,640,734.20	<u>\$1,823,038</u>
			\$1,967,038

Recommendation Washington/Staubach recommends approval to proceed with the proposed project and to fund the ten percent local share.

R8-3

RESOLUTION NO.

A RESOLUTION BY THE CITY COUNCIL OF THE TOWN OF ADDISON, TEXAS, TO ENTER INTO A FEDERAL AVIATION ADMINISTRATION GRANT AGREEMENT ADMINISTERED BY TEXAS DEPARTMENT OF TRANSPORTATION, TO MAKE AIRPORT IMPROVEMENTS.

WHEREAS, the Town of Addison intends to make certain improvements to the Addison Municipal Airport; and,

WHEREAS, design and construction of the Customs aircraft parking apron and three patio hangar taxilanes and parking areas; and,

WHEREAS, the Town of Addison intends to request financial assistance from the Texas Department of Transportation for these improvements, and,

WHEREAS, total project costs are estimated to be \$1,967,038.00, and the Town of Addison will be responsible for 10% of the total project costs currently estimated to be \$196,703.80, and,

WHEREAS, The Town of Addison intends to apply the 2002 entitlement funds to the patio hangar taxilanes and parking areas portion of the project, and,

NOW, THEREFORE, BE IT RESOLVED that the Town of Addison hereby directs the CITY MANAGER to execute on behalf of the Town of Addison at the appropriate time, and with the appropriate authorizations of this governing body, all contracts and agreements with the State of Texas, represented by Texas Department of Transportation, and such other parties as shall be necessary and appropriate for the implementation of the improvements to the Addison Municipal Airport.

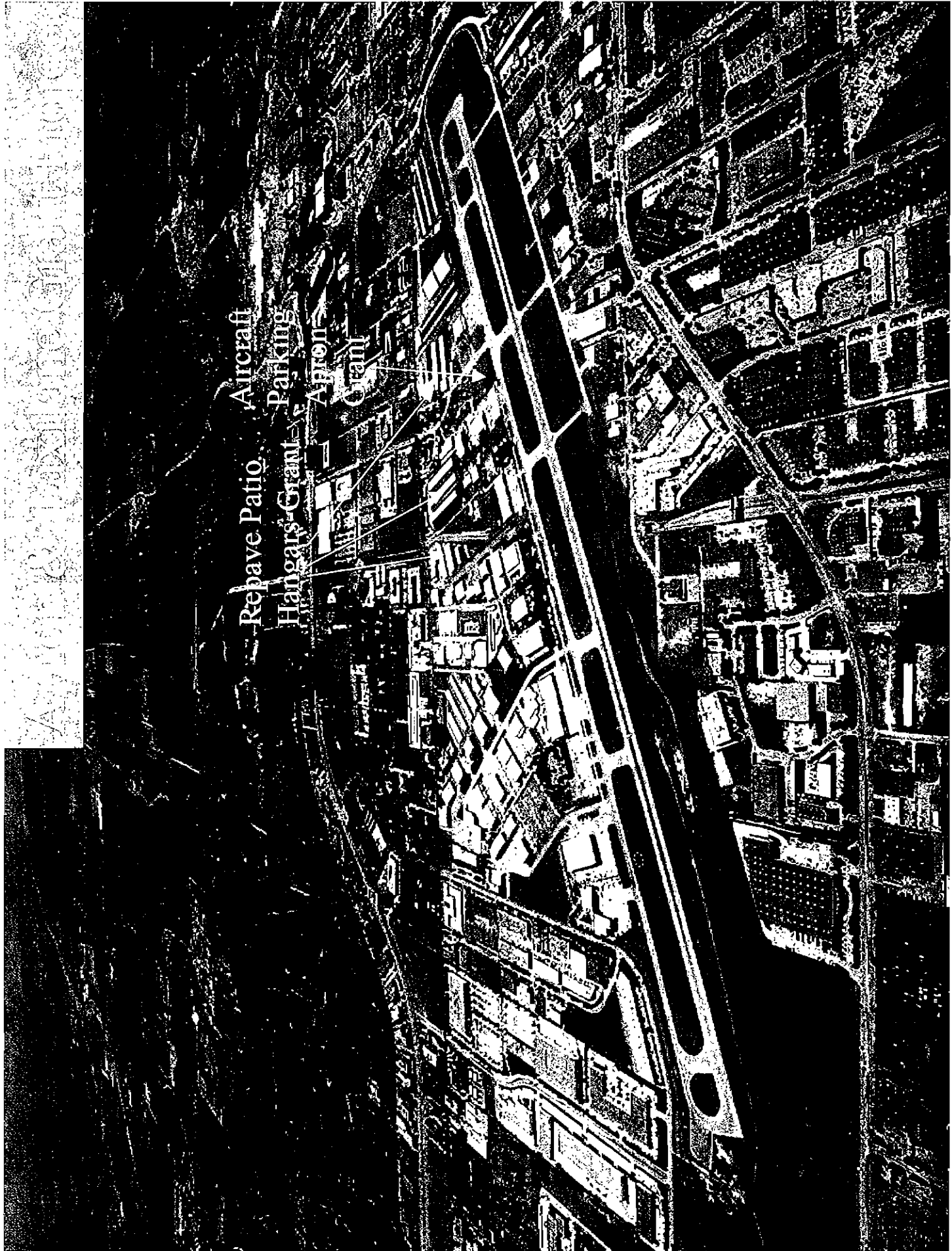
DULY PASSED BY THE CITY COUNCIL OF THE TOWN OF ADDISON,
TEXAS, this the 9th day of April, 2002.

Mayor

ATTEST:

City Secretary

#R8-4



Aerial & Satellite Graphics

Jim Pierce

From: Mark Acevedo
Sent: Thursday, February 28, 2002 9:40 AM
To: Jim Pierce
Subject: FW: aircraft terminal aircraft parking project-draft letter to dave fulton



Draft letter for apron
funding..

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

From: David_Pearce@staubach.com [mailto:David_Pearce@staubach.com]
Sent: Thursday, January 10, 2002 6:03 PM
To: macevedo@ci.addison.tx.us
Cc: rwhitehead@ci.addison.tx.us; cterry@ci.addison.tx.us
Subject: aircraft terminal aircraft parking project-draft letter to dave fulton

Provided you would like to proceed with this project, I have drafted a letter to Dave Fulton for Ron's signature per TxDOT suggestion. It is attached. If you elect to proceed and once TxDOT receives the letter, they will start pursuing discretionary money (funding) for the project. Per previous conversation, it would require a \$10,000 match this year for design and \$150,000 match next year for construction. In fairness to TxDOT, should you believe that we could not fund this at this time, please let me know so that we can work the relationship of declining the potential funding.
Thanks
Dave

(See attached file: Draft letter for apron funding 011002.doc)

January 10, 2002

Mr. David S. Fulton
125 E. 11TH Street
Austin, Texas 78701-2483

Re: General Aviation Terminal Apron Reconstruction

Dear Mr. Fulton:

As we start this new year, I thought it might be best to convey that the General Aviation Terminal apron reconstruction Airport Improvement Program (AIP) project is still of major importance to the airport operation. The most recent forecast is to design the project in FY 2003 and construct in FY 2004. We would like to proceed as soon as possible.

The current apron is located in front of the City's General Aviation Terminal facility that also houses a User Fee Customs and airport administration. The apron's condition serviceability does not accommodate either light aircraft or more importantly, the many design group 3 aircraft that need to access to the customs facility. As a temporary measure, Customs as agreed to meet international arrivals at various areas on the airport while we pursue apron reconstruction. Faced with today's increased security and protection, we fear that customs flexibility will diminish. Any assistance you might provide to proceed with this project would be most appreciated.

One of your planners has inspected this apron and can expand on the conditions and serviceability of this area. Preliminary cost estimates of this project is about \$100,000 for design and \$1.5 million to construct. It goes without saying that this project is vital to our ability to sustain support of transient and international arrivals/departures.

Because of the importance of this area, it is our desire to proceed with an engineering design in FY 2002 and solicit support to construct in FY 2003. We are prepared to fund our match immediately upon request. In the interim, we will continue work with our Customs office to work around this situation with the understanding that we are taking the necessary actions toward correcting the deficiency. Your help and support would be most appreciated.

If I can be of further assistance, do not hesitate to call me at 972.450.7028 our Airport Director, Dave Pearce at 972.392.4855. Thank you for your assistance.

Sincerely,

Ron Whitehead
City Manager

Jim Pierce

From: David_Pearce@staubach.com
Sent: Thursday, January 10, 2002 8:18 AM
To: macevedo@ci.addison.tx.us
Cc: cterry@ci.addison.tx.us; jpierce@ci.addison.tx.us; rmoravec@ci.addison.tx.us
Subject: Grant-apron parking

Mark,

Just got off the phone with TxDOT and it looks like we can receive discretionary money to accomplish the aircraft parking ramp in front of the terminal. What we have to do is send a letter from Ron to Dave Fulton reiterating the specifics need for this project. I will draft that letter this morning.

The local cost will be \$10,000 this year (\$100,000 total) for design and \$150,000 next year (\$1,500,000 total) next year for construction. Discretionary money is money left over from projects that came in under budget or those that did not go for some reason. The airports that can react to this really come out ahead as they get the projects.

Basically,

this is how McKinney got the many projects during my tenure.

Not to give a hard press but we need to respond soon. I know that McKinney

and Sugarland will react to the discretionary dollars and I for one would

like to beat them to the punch. Additionally, once we get the reputation

that we can react to these type of things we will be offered more.

Trust

me on this, I'm speaking from experience.

It looks like we finally got our foot in the door so let me know. I'll call in follow-up to this.

Dave

Need to select an engineer