

BROOK HAVEN LIGHT POLE
FARMERS BRANCH

Oxford
RESERVE

NO. 753 1/3

10%



**TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO**

DATE: 8/29/04

Claim # _____

Check \$ 61,061.07

Vendor No. _____

Vendor Name CITY OF FARMERS BRANCH

Address P.O. BOX 819010

Address FARMERS BRANCH, TEXAS 75381-9010

Address ATTN: MR. RANDALL S. WALLHOOD, P.E.

Zip Code PROJECT MANAGER

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(\$000,000.00)
	41	000	22270	23301		57,732.58
	01	411	54210	00000		3,328.49

TOTAL \$ 61,061.07

EXPLANATION BROOKHAVEN CLUB DRIVE REIMBURSEMENT
TO CITY OF FARMERS BRANCH.

Authorized Signature

Finance



November 3, 2003

Michael Murphy, PE
Town of Addison
1680 Westgrove Drive
Addison, TX 75001

PROJECT: BROOKHAVEN CLUB DRIVE

Dear Michael,

Enclosed is the final estimate indicating what the City of Farmers Branch has paid Sutton & Associates for construction of the above referenced project. The total construction dollars spent on the Town of Addison improvements is \$61,061.07. The interlocal agreement allowed for \$59,053.50 based on estimated costs. The actual costs of these improvements totaled \$61,061.07. As shown on the final estimate, the asphalt quantities overran which created the final amount. The limits of the project did not change which indicates an error in the original engineer's estimate. Please send the check payable to the City of Farmers Branch to my attention.

Thanks for your help in quickly resolving this issue. Please contact me if you have any questions concerning this matter.

Sincerely,

Randall S. Walhood, P.E.
Project Manager

Cc: file

PAY ESTIMATE NO. 15 & Final

Contract amount:

\$1,920,452.50

CONTRACTOR:

Sutton & Associates, Inc.
P.O. Box 677
Keller, TX 76244

PROJECT: Brookhaven Club Drive Reconstruction

PROJECT #s: 04-9714 2000-01 St. Reconst
PURCHASE ORDER NO.: 022307

NOTICE TO PROCEED: April 29, 2002
CONTRACT DAYS: 365
DAYS USED: 406
DAYS REMAINING: -41

ESTIMATE PERIOD: July 1, 2003 - Oct 8, 2003

CONTRACT IS IN CALENDAR DAYS

Phone: 817-379-5577

PERCENT COMPLETE: 96.8%

ITEM	DESCRIPTION	CONTRACT QTY	UNIT MEASU	PREV. EST. QTY	QT THIS EST.	QTY TO DATE	UNIT PRICE	PAY THIS ESTIMATE	WORK COMPLTD TO DATE
1	Unclassified Excavation	500	CY	3000	0	3000	8.90	0.00	26,700.00 #
2	Remove Conc Sidewalk	986	SY	888	0	888	9.00	0.00	7,992.00 #
3	Remove Conc Drive	867	SY	806	0	806	12.00	0.00	9,672.00 #
4	Remove Conc Pavement	1,580	SY	1564	0	1564	11.00	0.00	17,204.00 #
5	Remove Asphalt Pavement	17,667	SY	17667	0	17667	8.00	0.00	141,336.00 #
6	Remove Curb & Gutter	7,819	LF	7575	0	7575	4.00	0.00	30,300.00 #
7	Tree Removal	6	EA	9	0	9	1,050.00	0.00	9,450.00 #
8	Light Pole Base Removal	5	EA	5	0	5	1,000.00	0.00	5,000.00 #
9	10" Conc Pavement	17,600	SY	16947.8	0	16947.8	34.00	0.00	576,225.20 #
10	6" Conc Drive	1,100	SY	966.6	0	966.6	36.00	0.00	34,797.60 #
11	5" Conc Golf Cart Pavement	175	SY	264.8	0	264.8	32.00	0.00	8,473.60 #
12	4" Conc Sidewalk	1,900	SY	307	0	307	31.00	0.00	9,517.00 #
13	4" Conc Sidewalk (Exp. Agg.)	190	SY	283	0	283	50.00	0.00	14,150.00 #
14	Conc Sidewalk Curb	213	LF	0	0	0	30.00	0.00	0.00 #
15	Barrier Free Ramp	20	EA	20	0	20	900.00	0.00	18,000.00 #
16	Barrier Free Median Ramp	1	EA	0	0	0	900.00	0.00	0.00 #
17	Median Paver w/Conc Base	90	SY	46	0	46	80.00	0.00	3,680.00 #
18	Street Header	608	LF	252	0	252	14.00	0.00	3,528.00 #
19	Type 'D' HMAc	194	TN	197	0	197	52.00	0.00	10,244.00 #
20	Type 'B' HMAc	581	TN	394	0	394	43.00	0.00	16,942.00 #
21	Street Light Foundation	7	EA	7	0	7	790.00	0.00	5,530.00 #
22	2" PVC Street Light Conduit	100	LF	0	0	0	14.00	0.00	0.00 #
23	4" PVC Irrigation Sleeves	834	LF	864	0	864	5.50	0.00	4,752.00 #
24	1.5" HDPE Communication Conduit	2,459	LF	2459	0	2459	3.50	0.00	8,606.50 #
25	Type 'C' Pullbox	17	EA	17	0	17	530.00	0.00	9,010.00 #
26	Relocate Mailbox	10	EA	4	0	4	1,500.00	0.00	6,000.00 #
27	Handrail	103	LF	0	0	0	120.00	0.00	0.00 #
28	Remove Inlet	10	EA	10	0	10	700.00	0.00	7,000.00 #
29	Remove Headwall	3	EA	3	0	3	500.00	0.00	1,500.00 #
30	Remove 18" RCP	62	LF	61	0	61	10.00	0.00	610.00 #
31	Remove 21" RCP	105	LF	105	0	105	10.00	0.00	1,050.00 #
32	Remove 27" RCP	81	LF	50	0	50	10.00	0.00	500.00 #
33	Remove 30" RCP	109	LF	104.5	0	104.5	10.00	0.00	1,045.00 #
34	Remove 36" RCP	118	LF	118	0	118	10.00	0.00	1,180.00 #
35	Remove 39" RCP	50	LF	50	0	50	10.00	0.00	500.00 #
36	Remove 42" RCP	30	LF	30	0	30	10.00	0.00	300.00 #
37	Remove 48" RCP	149	LF	149	0	149	10.00	0.00	1,490.00 #
38	18" RCP	950	LF	922	0	922	40.00	0.00	36,880.00 #
39	21" RCP	190	LF	180	0	180	55.00	0.00	9,900.00 #
40	24" RCP	42	LF	26	0	26	65.00	0.00	1,690.00 #
41	30" RCP	170	LF	150	0	150	75.00	0.00	11,250.00 #
42	36" RCP	638	LF	636	0	636	85.00	0.00	54,060.00 #
43	42" RCP	442	LF	440	0	440	115.00	0.00	50,600.00 #
44	48" RCP	580	LF	552	0	552	127.00	0.00	70,104.00 #
45	Reconst. Inlet Top (10')	2	EA	2	0	2	2,200.00	0.00	4,400.00 #
46	6' Standard Inlet	7	EA	7	0	7	2,000.00	0.00	14,000.00 #
47	10' Standard Inlet	2	EA	2	0	2	2,300.00	0.00	4,600.00 #
48	14' Standard Inlet	2	EA	2	0	2	3,200.00	0.00	6,400.00 #
49	20' Standard Inlet	2	EA	2	0	2	4,300.00	0.00	8,600.00 #
50	6' Recessed Inlet	2	EA	2	0	2	2,000.00	0.00	4,000.00 #
51	14' Recessed Inlet	1	EA	1	0	1	3,200.00	0.00	3,200.00 #

52	20" Recessed Inlet	1	EA	1	0	1	4,300.00	0.00	4,300.00 #
53	10" Combination Inlet	2	EA	2	0	2	3,600.00	0.00	7,200.00 #
54	Type 'M' Manhole	1	EA	1	0	1	4,800.00	0.00	4,800.00 #
55	Junction Box C-1	1	EA	1	0	1	4,000.00	0.00	4,000.00 #
56	Junction Box C-2 w/riser	1	EA	1	0	1	4,000.00	0.00	4,000.00 #
57	Type A Headwall (Line C-2)	1	EA	1	0	1	3,600.00	0.00	3,600.00 #
58	Type A Headwall (Line F)	1	EA	1	0	1	1,700.00	0.00	1,700.00 #
59	Special Headwall (Line A & F)	1	EA	1	0	1	5,600.00	0.00	5,600.00 #
60	Conc Rip-Rap	105	SY	60	0	60	66.00	0.00	3,960.00 #
61	Cut & Plug 27" RCP	1	EA	1	0	1	700.00	0.00	700.00 #
62	8" Water line	247	LF	277	0	277	39.00	0.00	10,803.00 #
63	12" Water line	1,379	LF	1328	0	1328	40.00	0.00	53,120.00 #
64	Lower golf course irrig. Mains	1	LS	0	0	0	3,700.00	0.00	0.00 #
65	6" Gate Valve	3	EA	3	0	3	870.00	0.00	2,610.00 #
66	8" Gate Valve	5	EA	5	0	5	940.00	0.00	4,700.00 #
67	12" Gate Valve	6	EA	6	0	6	1,800.00	0.00	10,800.00 #
68	8" Tapping Sleeve & Valve	2	EA	1	0	1	3,800.00	0.00	3,800.00 #
69	12" Tapping Sleeve & Valve	1	EA	0.5	0	0.5	4,300.00	0.00	2,150.00 #
70	Firehydrant	3	EA	3	0	3	2,500.00	0.00	7,500.00 #
71	6" Water line	48	LF	48	0	48	35.00	0.00	1,680.00 #
72	3/4" Water Service	3	EA	3	0	3	700.00	0.00	2,100.00 #
73	1-1/2" Water Service	1	EA	1	0	1	1,000.00	0.00	1,000.00 #
74	2" Water Service	5	EA	5	0	5	1,400.00	0.00	7,000.00 #
75	Cut & Plug 8" Water	3	EA	3	0	3	600.00	0.00	1,800.00 #
76	Cut & Plug 12" Water	4	EA	7	0	7	800.00	0.00	5,600.00 #
77	8" Plug - Water	2	EA	2	0	2	350.00	0.00	700.00 #
78	12" Plug - Water	1	EA	1	0	1	400.00	0.00	400.00 #
79	Remove & Salvage Firehydrant	2	EA	2	0	2	350.00	0.00	700.00 #
80	Sprinkler System Adjustments	1	LS	1	0	1	3,800.00	0.00	3,800.00 #
81	Relocate Air Release (Marsh Ln)	1	EA	1	0	1	1,200.00	0.00	1,200.00 #
82	Adjust Water Meter Box	20	EA	13	0	13	150.00	0.00	1,950.00 #
83	Adjust Water Valve	14	EA	13	0	13	150.00	0.00	1,950.00 #
84	Adjust Cleanout (Mainline)	3	EA	3	0	3	300.00	0.00	900.00 #
85	Adjust Cleanout (Service line)	1	EA	1	0	1	300.00	0.00	300.00 #
86	Adjust Manhole	3	EA	2	0	2	350.00	0.00	700.00 #
87	Abandon Water Valve	9	EA	9	0	9	100.00	0.00	900.00 #
88	Watermain connect (12 x 24)	1	EA	1	0	1	2,500.00	0.00	2,500.00 #
89	Trench Safety	4,453	LF	4453	0	4453	1.50	0.00	6,679.50 #
90	Trench Safety Design	1	LS	1	0	1	750.00	0.00	750.00 #
91	Traffic Control	12	MT	12	0	12	3,334.00	0.00	40,008.00 #
92	Traffic Control Design	1	LS	1	0	1	2,000.00	0.00	2,000.00 #
93	Erosion Control	1	LS	1	0	1	10,000.00	0.00	10,000.00 #
94	Sod	5,155	SY	4272.5	0	4272.5	5.00	0.00	21,362.50 #
95	Tree Pruning & Protection	58	EA	43.5	0	43.5	100.00	0.00	4,350.00 #
96	Crushed Stone	250	TN	200	0	200	25.00	0.00	5,000.00 #
97	4" Sq White Ref traffic button	114	EA	111	0	111	6.00	0.00	666.00 #
98	4" non-Ref traffic button	554	EA	526	0	526	3.25	0.00	1,709.50 #
99	4" White Ref traffic button	53	EA	12	0	12	4.50	0.00	54.00 #
100	4" Sq Yellow Ref traffic button	170	EA	145	0	145	4.50	0.00	652.50 #
101	6" Sq White Ref jiggle bar	128	EA	100	0	100	16.00	0.00	1,600.00 #
102	4" White Extrud Thermoplastic	2,455	LF	2403	0	2403	1.25	0.00	3,003.75 #
103	4" Yellow Extrud Thermoplastic	53	LF	0	0	0	1.25	0.00	0.00 #
104	12" White Extrud Thermoplastic	530	LF	645	0	645	4.50	0.00	2,902.50 #
105	24" White Extrud Thermoplastic	313	LF	349	0	349	9.00	0.00	3,141.00 #
106	White Extrud Thermoplastic Arrow	8	EA	8	0	8	92.00	0.00	736.00 #
107	White Extrud Thermoplastic Word	4	EA	5	0	5	115.00	0.00	575.00 #
108	4" White Painted Stripe	695	LF	695	0	695	1.00	0.00	695.00 #
109	Flashing Beacon	4	EA	4	0	4	2,600.00	0.00	10,400.00 #
110	2" Electrical conduit	1,116	LF	1116	0	1116	4.25	0.00	4,743.00 #
111	Type 'A' Pullbox	7	EA	7	0	7	470.00	0.00	3,290.00 #
112	Sign Assembly	10	EA	10	0	10	500.00	0.00	5,000.00 #
113	Relocate Sign	12	EA	12	0	12	200.00	0.00	2,400.00 #

114	Reset Sign	3	EA	2	0	2	150.00	0.00	300.00
115	Traffic Signal	1	LS	1	0	1	150,000.00	0.00	150,000.00
Change Order No. 1									
1	8" PVC Water Line	150	LF	150	0	150	39.00	0.00	5,850.00
2	8" Tpg. Slv. & Valve	1	EA	1	0	1	3,800.00	0.00	3,800.00
3	12" Tpg. Slv. & Valve	1	EA	1	0	1	4,300.00	0.00	4,300.00
4	Cut & Plug 8" Water Line	2	EA	2	0	2	600.00	0.00	1,200.00
5	Cut & Plug 12" Water Line	1	EA	1	0	1	800.00	0.00	800.00
Change Order No. 2									
1	Modular Block Retaining Wall	505	SF	505	0	505	22.50	0.00	11,362.50
2	5' Concrete Sidewalk w/dowels	1,837	SY	1837	0	1837	32.18	0.00	59,114.66
3	Bore for flashing signal	1	EA	1	0	1	600.00	0.00	600.00
4	Rmv/Rpl Concrete flume	1	LS	1	0	1	5,250.00	0.00	5,250.00
5	Rmv/Rpl Turn island	1	LS	1	0	1	3,536.00	0.00	3,536.00
6	Re-grade drainage ditch	1	LS	1	0	1	2,455.00	0.00	2,455.00
7	Additional striping @ Marsh	1	LS	1	0	1	230.00	0.00	230.00
	Deficient Pavement Thickness	1	LS	0	1	1	-24,174.00	-24,174.00	-24,174.00
	Irrigation Repairs	1	LS	0	1	1	-814.02	-814.02	-814.02

Sub-Total Amount for Brookhaven Club Dr (Farmers Branch) -24,988.02 1,798,020.29 #

Town of Addison

1	Earthwork	1	LS	1	0	1	5,000.00	0.00	5,000.00 #
2	Remove Sidewalk	18	SY	0	0	0	15.00	0.00	0.00 #
3	Remove Concrete Pavement	46	SY	46	0	46	15.00	0.00	690.00 #
4	Remove Asphalt Pavement	652	SY	600	0	600	10.00	0.00	6,000.00 #
5	Remove Curb & Gutter	586	LF	540	0	540	5.00	0.00	2,700.00 #
6	10" Concrete Pavement	50	SY	50	0	50	70.00	0.00	3,500.00 #
7	4" Concrete Sidewalk	25	SY	0	0	0	35.00	0.00	0.00 #
8	24" Concrete Curb & Gutter	589	LF	540	0	540	20.00	0.00	10,800.00 #
9	Type 'D' HMAC	73	TN	122.12	0	122.12	77.00	0.00	9,403.24 #
10	Type 'B' HMAC	218	TN	253.85	0	253.85	54.50	0.00	13,834.83 #
11	Barrier Free Ramp	3	EA	3	0	3	900.00	0.00	2,700.00 #
12	Barrier Free Median Access Ramp	1	EA	1	0	1	900.00	0.00	900.00 #
13	4" Sq White Ref Traffic Button	16	EA	16	0	16	4.50	0.00	72.00 #
14	4" Non-Ref Traffic Button	48	EA	48	0	48	3.25	0.00	156.00 #
15	4" Sq Yellow Ref Traffic Button	17	EA	0	0	0	4.50	0.00	0.00 #
16	6" Sq White Ref Jiggle Bar	20	EA	20	0	20	16.00	0.00	320.00 #
17	12" White Extrud Thermoplastic	136	LF	0	0	0	4.50	0.00	0.00 #
18	24" White Extrud Thermoplastic	43	LF	43	0	43	9.00	0.00	387.00 #
19	White Extrud Thermoplastic Arrow	4	EA	4	0	4	92.00	0.00	368.00 #
20	White Extrud Thermoplastic Word	2	EA	2	0	2	115.00	0.00	230.00 #
21	Sprinkler System Adjustments	1	LS	1	0	1	3,000.00	0.00	3,000.00 #
22	Sod	233	SY	200	0	200	5.00	0.00	1,000.00 #

Sub-Total Amount for Brookhaven Club (Addison) 0.00 61,061.07 #

Grand-Total Amount for Brookhaven Club (F. B. & Addison) -24,988.02 1,859,081.36 #

PRESENTED BY: _____ DATE: _____ Sutton & Associates, Inc. Representative	WORK COMPLETED TO DATE:	(\$24,988.02)	\$1,859,081.36
	MATERIAL ON HAND	\$0.00	\$0.00
APPROVED BY: _____ DATE: _____ John Godi, Construction Inspector	SUBTOTAL	(\$24,988.02)	\$1,859,081.36
	0% RETAINAGE	0.00	0.00
APPROVED BY: _____ DATE: _____	SUB-TOTAL:		\$1,859,081.36
	LESS PREVIOUS PAYMENTS:	N/A	\$1,789,865.91
	RELEASE OF RETAINAGE	\$94,203.47	
	DUE THIS ESTIMATE:	\$69,215.45	\$69,215.44

Randy Walhood, P.E., Project Engineer

DATE: 11/03/03



August 6, 2003

Steve Chutchian
Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

PROJECT: BROOKHAVEN CLUB DRIVE RECONSTRUCTION

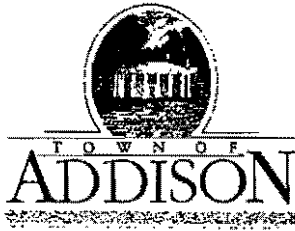
Dear Mr. Chutchian:

Enclosed is the most recent estimate indicating what the City of Farmers Branch has paid Sutton & Associates to date. All the improvements included in this contract on the Addison side have been completed for a total of \$61,061.07. We are working separately with Oncor to have the street light reinstalled in the median on the west side of Marsh Lane on Brookhaven Club Drive. Please send the check payable to the City of Farmers Branch to my attention. Thanks for participating and the spirit of cooperation we have enjoyed on this project

Sincerely,

Randall S. Walhoad, P.E.
Project Manager

Cc: Jerome V. Murawski, Jr., City Engineer
file



PUBLIC WORKS DEPARTMENT
Post Office Box 9010 Addison, Texas 75001-9010

Addison 50!

50 YEARS OF FUN!
(972) 450-2871 FAX (972) 450-2837
16801 Westgrove

August 12, 2003

Mr. Randall S. Wallhood, P.E.
Project Manager
City of Farmers Branch
P.O. Box 819010
Farmers Branch, Texas 75381-9010

Re: Brookhaven Club Drive Reconstruction

Dear Mr. Wallhood:

The Town of Addison is in receipt of your invoice for the recently completed reconstruction of Brookhaven Club Drive. In accordance with our agreement, reimbursement to the City of Farmers Branch for all new construction within the corporate limits of the Town of Addison may not exceed \$59,053.50. Accordingly, the Town is prepared to remit this amount to you upon successful installation of the street light in the median on the west side of Marsh Lane.

We have greatly appreciated your cooperation and effort in this matter. Should you have any questions, please contact Mr. Steve Chutchian, P.E., Assistant City Engineer, at 972-450-2886.

Sincerely,

Michael Murphy, P.E.
Director of Public Works

Steve Chutchian

From: Carolyn Burgett
Sent: Wednesday, November 05, 2003 10:50 AM
To: Steve Chutchian
Subject: dart funds

Steve,

We had \$59,053.50 in a Brookhaven Club Project. We paid a bill to Birkhoff Hendricks to this project for \$1,320.92 bringing the total to \$57,732.58 I have a note to myself that this money was for the project with Farmers Branch. If this is correct, the account number is 41-000-22270-23301
Please let me know if you have any questions.

Carolyn Burgett
Accounting Manager
Town of Addison
972-450-7064
Fax 972-450-7065



November 3, 2003

Michael Murphy, PE
Town of Addison
1680 Westgrove Drive
Addison, TX 75001

PROJECT: BROOKHAVEN CLUB DRIVE

Dear Michael,

Enclosed is the final estimate indicating what the City of Farmers Branch has paid Sutton & Associates for construction of the above referenced project. The total construction dollars spent on the Town of Addison improvements is \$61,061.07. The interlocal agreement allowed for \$59,053.50 based on estimated costs. The actual costs of these improvements totaled \$61,061.07. As shown on the final estimate, the asphalt quantities overran which created the final amount. The limits of the project did not change which indicates an error in the original engineer's estimate. Please send the check payable to the City of Farmers Branch to my attention.

Thanks for your help in quickly resolving this issue. Please contact me if you have any questions concerning this matter.

Sincerely,

Randall S. Walhood, P.E.
Project Manager

Cc: file

PAY ESTIMATE NO. 15 & Final

Contract amount:

\$1,920,452.50

CONTRACTOR:

Sutton & Associates, Inc.
P.O. Box 677
Keller, TX 76244

PROJECT: Brookhaven Club Drive Reconstruction

PROJECT #'s: 04-9714 2000-01 St. Reconst

NOTICE TO PROCEED:

April 29, 2002

PURCHASE ORDER NO. : 022307

CONTRACT DAYS:

365

DAYS USED:

406

DAYS REMAINING:

-41

ESTIMATE PERIOD: July 1, 2003 - Oct 8, 2003

CONTRACT IS IN CALENDAR DAYS

Phone: 817-379-5577

PERCENT COMPLETE:

96.8%

ITEM	DESCRIPTION	CNTRACT QTY	UNIT MEASU	PREV. EST. QTY	QT THIS EST.	QTY TO DATE	UNIT PRICE	PAY THIS ESTIMATE	WORK COMPLTD TO DATE
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2	Remove Conc Sidewalk	986	SY	888	0	888	9.00	0.00	7,992.00 #
3	Remove Conc Drive	867	SY	806	0	806	12.00	0.00	9,672.00 #
4	Remove Conc Pavement	1,580	SY	1564	0	1564	11.00	0.00	17,204.00 #
5	Remove Asphalt Pavement	17,667	SY	17667	0	17667	8.00	0.00	141,336.00 #
6	Remove Curb & Gutter	7,819	LF	7575	0	7575	4.00	0.00	30,300.00 #
7	Tree Removal	6	EA	9	0	9	1,050.00	0.00	9,450.00 #
8	Light Pole Base Removal	5	EA	5	0	5	1,000.00	0.00	5,000.00 #
9	10" Conc Pavement	17,600	SY	16947.8	0	16947.8	34.00	0.00	576,225.20 #
10	6" Conc Drive	1,100	SY	966.6	0	966.6	36.00	0.00	34,797.60 #
11	5" Conc Golf Cart Pavement	175	SY	264.8	0	264.8	32.00	0.00	8,473.60 #
12	4" Conc Sidewalk	1,900	SY	307	0	307	31.00	0.00	9,517.00 #
13	4" Conc Sidewalk (Exp. Agg.)	190	SY	283	0	283	50.00	0.00	14,150.00 #
14	Conc Sidewalk Curb	213	LF	0	0	0	30.00	0.00	0.00 #
15	Barrier Free Ramp	20	EA	20	0	20	900.00	0.00	18,000.00 #
16	Barrier Free Median Ramp	1	EA	0	0	0	900.00	0.00	0.00 #
17	Median Paver w/Conc Base	90	SY	46	0	46	80.00	0.00	3,680.00 #
18	Street Header	608	LF	252	0	252	14.00	0.00	3,528.00 #
19	Type 'D' HMA	194	TN	197	0	197	52.00	0.00	10,244.00 #
20	Type 'B' HMA	581	TN	394	0	394	43.00	0.00	16,942.00 #
21	Street Light Foundation	7	EA	7	0	7	790.00	0.00	5,530.00 #
22	2" PVC Street Light Conduit	100	LF	0	0	0	14.00	0.00	0.00 #
23	4" PVC Irrigation Sleeves	834	LF	864	0	864	5.50	0.00	4,752.00 #
24	1.5" HDPE Communication Conduit	2,459	LF	2459	0	2459	3.50	0.00	8,606.50 #
25	Type 'C' Pullbox	17	EA	17	0	17	530.00	0.00	9,010.00 #
26	Relocate Mailbox	10	EA	4	0	4	1,500.00	0.00	6,000.00 #
27	Handrail	103	LF	0	0	0	120.00	0.00	0.00 #
28	Remove Inlet	10	EA	10	0	10	700.00	0.00	7,000.00 #
29	Remove Headwall	3	EA	3	0	3	500.00	0.00	1,500.00 #
30	Remove 18" RCP	62	LF	61	0	61	10.00	0.00	610.00 #
31	Remove 21" RCP	105	LF	105	0	105	10.00	0.00	1,050.00 #
32	Remove 27" RCP	81	LF	50	0	50	10.00	0.00	500.00 #
33	Remove 30" RCP	109	LF	104.5	0	104.5	10.00	0.00	1,045.00 #
34	Remove 36" RCP	118	LF	118	0	118	10.00	0.00	1,180.00 #
35	Remove 39" RCP	50	LF	50	0	50	10.00	0.00	500.00 #
36	Remove 42" RCP	30	LF	30	0	30	10.00	0.00	300.00 #
37	Remove 48" RCP	149	LF	149	0	149	10.00	0.00	1,490.00 #
38	18" RCP	950	LF	922	0	922	40.00	0.00	36,880.00 #
39	21" RCP	190	LF	180	0	180	55.00	0.00	9,900.00 #
40	24" RCP	42	LF	26	0	26	65.00	0.00	1,690.00 #
41	30" RCP	170	LF	150	0	150	75.00	0.00	11,250.00 #
42	36" RCP	638	LF	636	0	636	85.00	0.00	54,060.00 #
43	42" RCP	442	LF	440	0	440	115.00	0.00	50,600.00 #
44	48" RCP	580	LF	552	0	552	127.00	0.00	70,104.00 #
45	Reconst. Inlet Top (10')	2	EA	2	0	2	2,200.00	0.00	4,400.00 #
46	6' Standard Inlet	7	EA	7	0	7	2,000.00	0.00	14,000.00 #
47	10' Standard Inlet	2	EA	2	0	2	2,300.00	0.00	4,600.00 #
48	14' Standard Inlet	2	EA	2	0	2	3,200.00	0.00	6,400.00 #
49	20' Standard Inlet	2	EA	2	0	2	4,300.00	0.00	8,600.00 #
50	6' Recessed Inlet	2	EA	2	0	2	2,000.00	0.00	4,000.00 #
51	14' Recessed Inlet	1	EA	1	0	1	3,200.00	0.00	3,200.00 #

52	20' Recessed Inlet	1	EA	1	0	1	4,300.00	0.00	4,300.00 #
53	10' Combination Inlet	2	EA	2	0	2	3,600.00	0.00	7,200.00 #
54	Type 'M' Manhole	1	EA	1	0	1	4,800.00	0.00	4,800.00 #
55	Junction Box C-1	1	EA	1	0	1	4,000.00	0.00	4,000.00 #
56	Junction Box C-2 w/riser	1	EA	1	0	1	4,000.00	0.00	4,000.00 #
57	Type A Headwall (Line C-2)	1	EA	1	0	1	3,600.00	0.00	3,600.00 #
58	Type A Headwall (Line F)	1	EA	1	0	1	1,700.00	0.00	1,700.00 #
59	Special Headwall (Line A & F)	1	EA	1	0	1	5,600.00	0.00	5,600.00 #
60	Conc Rip-Rap	105	SY	60	0	60	66.00	0.00	3,960.00 #
61	Cut & Plug 27" RCP	1	EA	1	0	1	700.00	0.00	700.00 #
62	8" Water line	247	LF	277	0	277	39.00	0.00	10,803.00 #
63	12" Water line	1,379	LF	1328	0	1328	40.00	0.00	53,120.00 #
64	Lower golf course irrig. Mains	1	LS	0	0	0	3,700.00	0.00	0.00 #
65	6" Gate Valve	3	EA	3	0	3	870.00	0.00	2,610.00 #
66	8" Gate Valve	5	EA	5	0	5	940.00	0.00	4,700.00 #
67	12" Gate Valve	6	EA	6	0	6	1,800.00	0.00	10,800.00 #
68	8" Tapping Sleeve & Valve	2	EA	1	0	1	3,800.00	0.00	3,800.00 #
69	12" Tapping Sleeve & Valve	1	EA	0.5	0	0.5	4,300.00	0.00	2,150.00 #
70	Firehydrant	3	EA	3	0	3	2,500.00	0.00	7,500.00 #
71	6" Water line	48	LF	48	0	48	35.00	0.00	1,680.00 #
72	3/4" Water Service	3	EA	3	0	3	700.00	0.00	2,100.00 #
73	1-1/2" Water Service	1	EA	1	0	1	1,000.00	0.00	1,000.00 #
74	2" Water Service	5	EA	5	0	5	1,400.00	0.00	7,000.00 #
75	Cut & Plug 8" Water	3	EA	3	0	3	600.00	0.00	1,800.00 #
76	Cut & Plug 12" Water	4	EA	7	0	7	800.00	0.00	5,600.00 #
77	8" Plug - Water	2	EA	2	0	2	350.00	0.00	700.00 #
78	12" Plug - Water	1	EA	1	0	1	400.00	0.00	400.00 #
79	Remove & Salvage Firehydrant	2	EA	2	0	2	350.00	0.00	700.00 #
80	Sprinkler System Adjustments	1	LS	1	0	1	3,800.00	0.00	3,800.00 #
81	Relocate Air Release (Marsh Ln)	1	EA	1	0	1	1,200.00	0.00	1,200.00 #
82	Adjust Water Meter Box	20	EA	13	0	13	150.00	0.00	1,950.00 #
83	Adjust Water Valve	14	EA	13	0	13	150.00	0.00	1,950.00 #
84	Adjust Cleanout (Mainline)	3	EA	3	0	3	300.00	0.00	900.00 #
85	Adjust Cleanout (Service line)	1	EA	1	0	1	300.00	0.00	300.00 #
86	Adjust Manhole	3	EA	2	0	2	350.00	0.00	700.00 #
87	Abandon Water Valve	9	EA	9	0	9	100.00	0.00	900.00 #
88	Watermain connect (12 x 24)	1	EA	1	0	1	2,500.00	0.00	2,500.00 #
89	Trench Safety	4,453	LF	4453	0	4453	1.50	0.00	6,679.50 #
90	Trench Safety Design	1	LS	1	0	1	750.00	0.00	750.00 #
91	Traffic Control	12	MT	12	0	12	3,334.00	0.00	40,008.00 #
92	Traffic Control Design	1	LS	1	0	1	2,000.00	0.00	2,000.00 #
93	Erosion Control	1	LS	1	0	1	10,000.00	0.00	10,000.00 #
94	Sod	5,155	SY	4272.5	0	4272.5	5.00	0.00	21,362.50 #
95	Tree Pruning & Protection	58	EA	43.5	0	43.5	100.00	0.00	4,350.00 #
96	Crushed Stone	250	TN	200	0	200	25.00	0.00	5,000.00 #
97	4" Sq White Ref traffic button	114	EA	111	0	111	6.00	0.00	666.00 #
98	4" non-Ref traffic button	554	EA	526	0	526	3.25	0.00	1,709.50 #
99	4" White Ref traffic button	53	EA	12	0	12	4.50	0.00	54.00 #
100	4" Sq Yellow Ref traffic button	170	EA	145	0	145	4.50	0.00	652.50 #
101	6" Sq White Ref jiggle bar	128	EA	100	0	100	16.00	0.00	1,600.00 #
102	4" White Extrud Thermoplastic	2,455	LF	2403	0	2403	1.25	0.00	3,003.75 #
103	4" Yellow Extrud Thermoplastic	53	LF	0	0	0	1.25	0.00	0.00 #
104	12" White Extrud Thermoplastic	530	LF	645	0	645	4.50	0.00	2,902.50 #
105	24" White Extrud Thermoplastic	313	LF	349	0	349	9.00	0.00	3,141.00 #
106	White Extrud Thermoplastic Arrow	8	EA	8	0	8	92.00	0.00	736.00 #
107	White Extrud Thermoplastic Word	4	EA	5	0	5	115.00	0.00	575.00 #
108	4" White Painted Stripe	695	LF	695	0	695	1.00	0.00	695.00 #
109	Flashing Beacon	4	EA	4	0	4	2,600.00	0.00	10,400.00 #
110	2" Electrical conduit	1,116	LF	1116	0	1116	4.25	0.00	4,743.00 #
111	Type 'A' Pullbox	7	EA	7	0	7	470.00	0.00	3,290.00 #
112	Sign Assembly	10	EA	10	0	10	500.00	0.00	5,000.00 #
113	Relocate Sign	12	EA	12	0	12	200.00	0.00	2,400.00 #

114	Reset Sign	3	EA	2	0	2	150.00	0.00	300.00
115	Traffic Signal	1	LS	1	0	1	150,000.00	0.00	150,000.00
Change Order No. 1									
1	8" PVC Water Line	150	LF	150	0	150	39.00	0.00	5,850.00
2	8" Tpg. Slv. & Valve	1	EA	1	0	1	3,800.00	0.00	3,800.00
3	12" Tpg. Slv. & Valve	1	EA	1	0	1	4,300.00	0.00	4,300.00
4	Cut & Plug 8" Water Line	2	EA	2	0	2	600.00	0.00	1,200.00
5	Cut & Plug 12" Water Line	1	EA	1	0	1	800.00	0.00	800.00
Change Order No. 2									
1	Modular Block Retaining Wall	505	SF	505	0	505	22.50	0.00	11,362.50
2	5' Concrete Sidewalk w/dowels	1,837	SY	1837	0	1837	32.18	0.00	59,114.66
3	Bore for flashing signal	1	EA	1	0	1	600.00	0.00	600.00
4	Rmv/Rpl Concrete flume	1	LS	1	0	1	5,250.00	0.00	5,250.00
5	Rmv/Rpl Turn island	1	LS	1	0	1	3,536.00	0.00	3,536.00
6	Re-grade drainage ditch	1	LS	1	0	1	2,455.00	0.00	2,455.00
7	Additional striping @ Marsh	1	LS	1	0	1	230.00	0.00	230.00
	Deficient Pavement Thickness	1	LS	0	1	1	-24,174.00	-24,174.00	-24,174.00
	Irrigation Repairs	1	LS	0	1	1	-814.02	-814.02	-814.02
Sub-Total Amount for Brookhaven Club Dr (Farmers Branch)								-24,988.02	1,798,020.29

Town of Addison									
1	Earthwork	1	LS	1	0	1	5,000.00	0.00	5,000.00 #
2	Remove Sidewalk	18	SY	0	0	0	15.00	0.00	0.00 #
3	Remove Concrete Pavement	46	SY	46	0	46	15.00	0.00	690.00 #
4	Remove Asphalt Pavement	652	SY	600	0	600	10.00	0.00	6,000.00 #
5	Remove Curb & Gutter	586	LF	540	0	540	5.00	0.00	2,700.00 #
6	10" Concrete Pavement	50	SY	50	0	50	70.00	0.00	3,500.00 #
7	4" Concrete Sidewalk	25	SY	0	0	0	35.00	0.00	0.00 #
8	24" Concrete Curb & Gutter	589	LF	540	0	540	20.00	0.00	10,800.00 #
9	Type 'D' HMAc	73	TN	122.12	0	122.12	77.00	0.00	9,403.24 #
10	Type 'B' HMAc	218	TN	253.85	0	253.85	54.50	0.00	13,834.83 #
11	Barrier Free Ramp	3	EA	3	0	3	900.00	0.00	2,700.00 #
12	Barrier Free Median Access Ramp	1	EA	1	0	1	900.00	0.00	900.00 #
13	4" Sq White Ref Traffic Button	16	EA	16	0	16	4.50	0.00	72.00 #
14	4" Non-Ref Traffic Button	48	EA	48	0	48	3.25	0.00	156.00 #
15	4" Sq Yellow Ref Traffic Button	17	EA	0	0	0	4.50	0.00	0.00 #
16	6" Sq White Ref Jiggle Bar	20	EA	20	0	20	16.00	0.00	320.00 #
17	12" White Extrud Thermoplastic	136	LF	0	0	0	4.50	0.00	0.00 #
18	24" White Extrud Thermoplastic	43	LF	43	0	43	9.00	0.00	387.00 #
19	White Extrud Thermoplastic Arrow	4	EA	4	0	4	92.00	0.00	368.00 #
20	White Extrud Thermoplastic Word	2	EA	2	0	2	115.00	0.00	230.00 #
21	Sprinkler System Adjustments	1	LS	1	0	1	3,000.00	0.00	3,000.00 #
22	Sod	233	SY	200	0	200	5.00	0.00	1,000.00 #
Sub-Total Amount for Brookhaven Club (Addison)								0.00	61,061.07
Grand-Total Amount for Brookhaven Club (F. B. & Addison)								-24,988.02	1,859,081.36

PRESENTED BY: _____ DATE: _____ Sutton & Associates, Inc. Representative	WORK COMPLETED TO DATE:	(\$24,988.02)	\$1,859,081.36
	MATERIAL ON HAND	\$0.00	\$0.00
APPROVED BY: _____ DATE: _____ John Godt, Construction Inspector	SUBTOTAL	(\$24,988.02)	\$1,859,081.36
	0% RETAINAGE	0.00	0.00
APPROVED BY: _____ DATE: _____	SUB-TOTAL:		\$1,859,081.36
	LESS PREVIOUS PAYMENTS:	N/A	\$1,789,865.91
	RELEASE OF RETAINAGE	\$94,203.47	
	DUE THIS ESTIMATE:	\$69,215.45	\$69,215.44

Randy Walhood, P.E., Project Engineer

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DATE: 11/03/03



August 6, 2003

Steve Chutchian
Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

PROJECT: BROOKHAVEN CLUB DRIVE RECONSTRUCTION

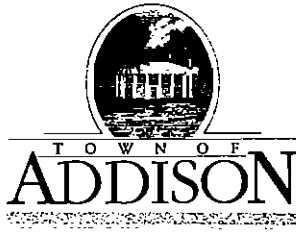
Dear Mr. Chutchian:

Enclosed is the most recent estimate indicating what the City of Farmers Branch has paid Sutton & Associates to date. All the improvements included in this contract on the Addison side have been completed for a total of \$61,061.07. We are working separately with Oncor to have the street light reinstalled in the median on the west side of Marsh Lane on Brookhaven Club Drive. Please send the check payable to the City of Farmers Branch to my attention. Thanks for participating and the spirit of cooperation we have enjoyed on this project

Sincerely,

Randall S. Walkood, P.E.
Project Manager

Cc: Jerome V. Murawski, Jr., City Engineer
file



PUBLIC WORKS DEPARTMENT
Post Office Box 9010 Addison, Texas 75001-9010

Addison 50!

50 YEARS OF FUN!
(972) 450-2871 FAX (972)450-2837
16801 Westgrove

August 12, 2003

Mr. Randall S. Wallhood, P.E.
Project Manager
City of Farmers Branch
P.O. Box 819010
Farmers Branch, Texas 75381-9010

Re: Brookhaven Club Drive Reconstruction

Dear Mr. Wallhood:

The Town of Addison is in receipt of your invoice for the recently completed reconstruction of Brookhaven Club Drive. In accordance with our agreement, reimbursement to the City of Farmers Branch for all new construction within the corporate limits of the Town of Addison may not exceed \$59,053.50. Accordingly, the Town is prepared to remit this amount to you upon successful installation of the street light in the median on the west side of Marsh Lane.

We have greatly appreciated your cooperation and effort in this matter. Should you have any questions, please contact Mr. Steve Chutchian, P.E., Assistant City Engineer, at 972-450-2886.

Sincerely,

Michael Murphy, P.E.
Director of Public Works



APAC-TEXAS, INC. - Texas Bitulthic Division - 2121 Irving Boulevard - P. O. Box 224048
Dallas, Texas 75222-4048 - (214) 741-3531 - FAX (214) 742-3540

FAX COVER SHEET

DATE OF TRANSMISSION: 11/11/04

PLEASE DELIVER THE FOLLOWING PAGES TO:	NAME: TOWN OF ANDERSON (SEE BELOW)
	DEPARTMENT:
	COMPANY:

FROM: KIRK MORRIS

WE ARE TRANSMITTING PAGES (INCLUDING THIS COVER SHEET).
IF THE TRANSMISSION IS INCOMPLETE OR FAULTY PLEASE CALL US AT (214) 741-3531

COMMENTS:

cc: MR. MURPHY

MR. JONES

MR. PIERCE

MR. CHUTEHAN ✓

MR. NECELSANDER

THANK YOU.

NOTICE OF CONFIDENTIALITY

THIS FACSIMILE MAY CONTAIN INFORMATION THAT IS PRIVILEGED AND CONFIDENTIAL AND/OR EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. THIS TRANSMISSION IS INTENDED SOLELY FOR THE INDIVIDUAL OR ENTITY DESIGNATED ABOVE. IF YOU ARE NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING IT TO THE INTENDED RECIPIENT, YOU SHOULD UNDERSTAND THAT ANY DISTRIBUTION, COPYING OR USE OF THE INFORMATION CONTAINED IN THIS FACSIMILE BY ANYONE OTHER THAN THE DESIGNATED RECIPIENT IS UNAUTHORIZED AND STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR, PLEASE IMMEDIATELY NOTIFY THE SENDER BY TELEPHONE.

ASHLAND.

APAC- Texas, Inc.

Kirk D. Morris
Area Manager

A subsidiary of Ashland Paving And Construction, Inc.
Texas Bitulithic Division
P.O. Box 224048, Dallas, TX 75222-4048
Tel: 214 741-3531, Fax: 214 742-3540

November 11, 2004

Michael W. Eheling
HNTB Corporation
5910 W. Plano Parkway Ste. 200
Plano, Texas 75093

RE: HNTB Letter Dated November 5, 2004

Mr. Eheling,

In response to your letter dated November 5, APAC – Texas, Inc. first reminds your firm that we holdy stated at the pre-construction meeting on October 14, 2004 that the pavprep product, and joint fabrics in general, do cause reflective bumps in the asphalt paving mat. We have never deviated from this stance. The manufacturer of this product even notes in its own literature that shadowing (a more delicate word for reflective bumps) can and may occur. Still, HNTB has chosen to force the follow through of the use of this material to the point of requesting orally that APAC – Texas, Inc. re-source the project with a thinner version of the pavprep joint fabric that still produces the same reflective bump results. Representatives from both Pavprep and their distributor Lone Star Products have been available and consistently providing feedback. As to whether installation was correct or incorrect, these industry representatives have quickly pointed out that APAC – Texas, Inc. has correctly installed the fabric. APAC – Texas, Inc. has been available to try every suggestion provided by the manufacturer and HNTB.

Given the statements above, APAC –Texas, Inc. would only be meddling with the approved design for this project in order to remediate a problem. Design for this project is and has always been the responsibility of the Town of Addison and assumably their contract manager, HNTB Corporation. APAC – Texas, Inc. is the contractor for the Town of Addison. We only offer advice as to our previous experience not that any particular experience has bearing on the current project. We seek to fulfill the specifications as they are contracted. We can only point out where we think design has caused conflict with specifications such as our statements made at the October 14, 2004 meeting. Therefore, the designer should propose a solution on how best to resolve these conflicts.

Speaking specifically to your letter's denial of cost and time claims before they materialize, we find this issue to be disturbing and disheartening as to HNTB's and presumably the Town of Addison's unwillingness to partner together to find a best fit solution. The willingness to partner together in these issues has certainly been the attitude of APAC and we assumed with HNTB personnel associated with this project prior to the receipt of this letter referenced above.



ASHLAND.

APAC- Texas, Inc.

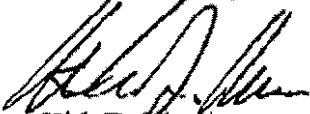
Kirk D. Morris
Area Manager

A subsidiary of Ashland Paving And Construction, Inc.
Texas Bitulithic Division
P.O. Box 224048, Dallas, TX 75222-4048
Tel: 214 741-3531, Fax: 214 742-3540

In addition, we are currently visiting with our subcontractor, Dustori, Inc., about additional cost, if any, and time, if any, that will be needed due Dustori's needing to remobilize the project to rework the butt joint at the railroad tracks due to the HNTB's representative reversing his previous decision on where to place the first butt joint at the railroad tracks. Obviously, this is a very time sensitive project which requires close attention to matters where decision reversal affects the overall critical path.

Sincerely,

APAC - Texas, Inc.



Kirk D. Morris
Area Manager

Cc: M. Murphy, Town of Addison
R. Jones, Town of Addison
J. Pierce, Town of Addison
S. Chutchian, Town of Addison
J. Nicwander, Town of Addison
J. Holder, HNTB Corporation
S. Forbes, HNTB Corporation

apac

Mike M. take care of.

Ray Navara

972 523-5838

Complaint
about Belt
Line Construction
of the Team

Paying for his
realignment

Steve Chutchian

From: Michael Ebeling [MEbeling@HNTB.com]
Sent: Wednesday, November 10, 2004 3:11 AM
To: Jerry Holder; Scott Forbes; Jim Pierce; Mike Murphy; Robin Jones; Steve Chutchian; Jenny Nicewander
Subject: Beltline rd Update for November 9th

A minor setback. First, the paver broke down, then the asphalt plant would not fire up.

At 1:00 am, we cancelled the paving for the night. APAC cleaned up the gutters and sidewalks, working until 4:30 am.

Tonight, we will try again to complete the mainline paving. The stripers will be in starting their striping layout.

The message board EB is scrambled and needs its message reset.

Jerry/Scott: Can you call Kirk Morris and find out the status of the railroad providing flagmen for our work next to the tracks.

mikee

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11/10/2004



ARCHITECTS ENGINEERS PLANNERS

5910 W. Plano Parkway
Suite 200
Plano, Texas
75093
(972) 661-5626
FAX (972) 661-5614
www.hntb.com

November 5, 2004

APAC – Texas, Inc.
Texas Bitulithic Division
2121 Irving Boulevard
Dallas, Texas 75207

Attention: Mr. Kirk Morris
Area Manager

Re: Belt Line Road Pavement Rehabilitation
Marsh Lane to Dallas North Tollway
Asphalt Pavement Rideability Issues

Dear Mr. Morris,

APAC-Texas, Inc. began work on the above referenced project on October 17, 2004 and performed the first night's asphalt paving beginning on October 21, 2004, continuing into the morning of October 22, 2004. The limits of paving were Eastbound Lane 1 from approximately Station 11+20 to 52+00. The quality of rideability for this section of overlay is unacceptable due to the severity and frequency of bumps in the new asphalt pavement. Please submit a proposed plan of corrective action for this section of new pavement. This plan must be reviewed and accepted by the Engineer and the proposed remedy completed by APAC-Texas, Inc. within the current 28 day project schedule. Any and all costs associated with this repair shall be borne solely by APAC-Texas, Inc. Claims for monetary damages and/or delays associated with this repair by APAC-Texas, Inc. will be rejected without consideration

We are continuing to evaluate the remaining completed sections of asphalt overlay for acceptability. We will notify you immediately if we conclude there are additional sections of new asphalt pavement which require repair procedures.

Please do not hesitate to contact us if you have any questions.

Yours truly,

HNTB Corporation

Michael W. Ebeling
Director of Construction Services

Cc: M. Murphy, Town of Addison
R. Jones, Town of Addison

The HNTB Companies

OFFICES: ALEXANDRIA, VA ANNAPOLIS, MD ATLANTA, GA AUSTIN, TX BATON ROUGE, LA BOSTON, MA CHARLESTON, SC CHARLESTON, WV CHICAGO, IL CLEVELAND, OH
DALLAS, TX DENVER, CO DUBLIN, CA HOUSTON, TX LOS ANGELES, CA LOS ANGELES, CA LOS ANGELES, CA LOS ANGELES, CA LOS ANGELES, CA
MEMPHIS, TN MIAMI, FL MINNEAPOLIS, MN MOBILE, AL NEW YORK, NY NEW YORK, NY NEW YORK, NY NEW YORK, NY NEW YORK, NY
ORLANDO, FL OVERLAND PARK, KS PHOENIX, AZ PITTSBURGH, PA PORTLAND, ME PORTLAND, OR RALEIGH, NC ST LOUIS, MO SALT LAKE CITY, UT SAN ANTONIO, TX SAN BERNARDINO, CA
SAN FRANCISCO, CA SAN JOSE, CA SEATTLE, WA TAMPA, FL TOLEDO, OH WASHINGTON, D.C.

J. Pierce, Town of Addison
S. Chutchian, Town of Addison
J. Nicewander, Town of Addison
J. Holder, HNTB Corporation
S. Forbes, HNTB Corporation

Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Tuesday, November 09, 2004 10:20 AM
To: Mike Murphy; Jim Pierce; Robin Jones; Jenny Nicewander; Steve Chutchian
Cc: Michael Ebeling; Scott Forbes; Ben Biller
Subject: Beltline Road update Nov. 9, 2004

APAC paved the following last night.

EB lane 3 from the RR to the Tollway.
WB from Addison Road to Midway Road

They laid 617 tons and we think the ride quality is the same or better as the last several nights.

There were several sprinklers that went off on the operation last night. The contractor was able to find the valves on most of them and turn them off himself. I do not have a detail on which areas this occurred.

Tonight APAC plans on paving the WB lane 3 from Midway to Marsh and the remaining portion of WB lane 2 to Marsh. This will finish the mainlane paving.

They have installed the "Reduce Speed Ahead" signs at each of the 3 main cross streets.

I spoke with APAC this morning and asked them if they were still planning on putting two crews on the project tonight, they said they were. I encouraged them to do so so that we could get the intersections filled in and remove the bump that is currently there slowing down traffic.

Call me if you have any questions at 972-661-5626.

Thanks,
Jerry

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.



The HNTB Companies

5910 West Plano Parkway, Suite 200 • Plano, Texas 75093 (972) 661-6628

**LETTER OF
TRANSMITTAL**

Job No. 40316
Date November 2, 2004

To: Mr. Mike Murphy, P.E.
Director of Public Works
Town of Addison
16801 Westgrove Dr.
Addison, Texas 75001

Re: Pavement Rehabilitation Improvements
Beltline Road - Marsh Lane to Dallas North
Tollway
Change Order No. 1

WE ARE FORWARDING TO YOU:

NO. OF COPIES	SHEET NO.	LAST DATED	DESCRIPTION
4			Change Order No. 1

THESE ARE TRANSMITTED:

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

PLEASE NOTE:

Enclosed are four copies of Change Order No. 1 for the above-mentioned project. Change Order No. 1 is to install vehicle detector loops for eastbound traffic at the intersection of Belt Line Road and the Dallas North Tollway. These loops will need to be installed in accordance with City of Dallas standards, a copy of which is attached to the change order.

Please sign and return three copies of the change to me. Please keep the fourth copy for your records. We will provide a fully executed copy to APAC - Texas, Inc. for their files.

If you have any questions, please don't hesitate to call me. Thanks for your time.

COPY TO:
40316

By: Scott Forbes
Scott Forbes, P.E.

KDM

TOWN OF ADDISON, TEXAS
BELT LINE ROAD PAVEMENT REHABILITATION
 Project No. 04-33

CHANGE ORDER NUMBER: 1

1. CONTRACTOR: APAC - Texas, Inc.

2. Change Order Work Limits: Sta. 110+00 to Sta. 113+65

3. Describe the work being revised:

Replace traffic loops for eastbound traffic at the intersection of Belt Line Road and the Dallas north Tollway in accordance with City of Dallas standards. A copy of the City of Dallas information is attached.

4. Work to be performed in accordance with Items: See attached Tables

5. New or revised plan sheet(s) are attached and numbered: See attached Dallas information.

6. New general notes to the contract are attached: Yes No

7. New Special Provisions to Item No. , Special Specification Item are attached. N/A

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<p><i>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.</i></p> <p>THE CONTRACTOR Date <u>11/1/04</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>KIRK D MORRIS</u></p> <p>Typed/Printed Title <u>AREA MANAGER</u></p>	<p>The following information must be provided</p> <p>Time Ext. #: <u>0</u> Days added on this CO: <u>0</u></p> <p>Amount added by this change order: <u>\$1,863.40</u></p>
--	---

RECOMMENDED FOR EXECUTION:

 Construction Inspector Date

Scott Forbes 11/2/04
 Project Manager Date

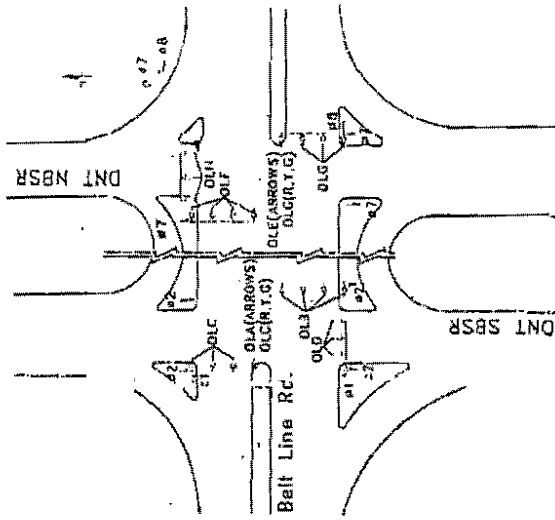
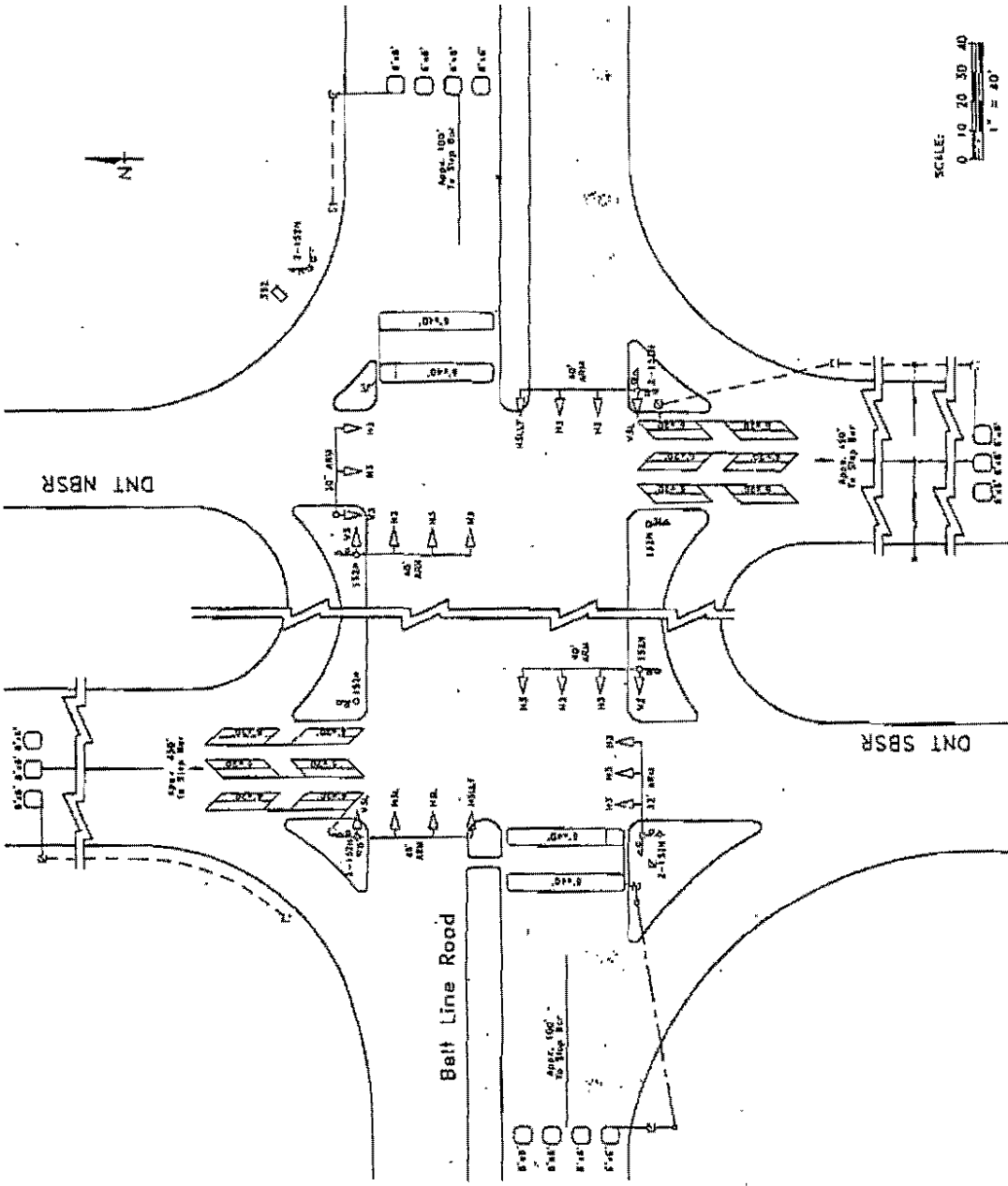
Design Engineer's Seal:

[Signature]
 Town of Addison Date
 APPROVED Title 5/9/04

APPROVED Title _____ Date _____

APPROVED Title _____ Date _____

Belt Line Rd. at Dallas North Tollway Service Rds. (Dallas Pkwy.)



"AS-BUILT" DRAWING

CITY OF DALLAS
DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION

ENGINEER:

DATE: 02/2/00

SCALE: NONE

PAGE 1

OF 1

ITEM 1
PROCUREMENT AND INSTALLATION OF LOOP DETECTOR SAWCUT, WIRE AND ASPHALTIC SEALANT

1.1 INSTALLATION SPECIFICATIONS

- a) The location of loop detectors shown on the Plans is approximate. The Contractor shall give the Engineer a minimum of 48 hours advance notice of his intention to establish the final sawcut location. The location must be approved by the Engineer at the site prior to construction.
- b) Lead-in sawcuts from the street to the pull box (for loops that have separate detector channels) shall maintain a minimum separation from other loops of 12 inches and a minimum separation of 6 inches from other lead-in sawcuts. The sawcut depth shall be consistent, including the entry point into the curb.
- c) The Contractor shall use a sealing compound for all loop detector installations. If a hot sealant is used, the temperature of the sealant shall be in a range that will not cause damage to the detector wires. Loop sealant shall completely fill the sawcut.
- d) Insulation tests shall be made with an insulation test set applying not less than 500 volts D.C. to the completed loop detector. A minimum resistance of 1 meg ohm shall be obtained.
- e) After the above insulation tests are completed, the Contractor shall assist the Engineer in determining the loop inductance of each detector. A loop detector analyzer shall be used to determine the total inductance of the loop in the pavement and its associated lead-in cable. The analyzer shall also be used to determine the percentage shift in loop inductance for various size vehicles that activate the detector.
- f) All work related to the installation of a particular detector loop, with the exception of the layout task, shall be completed in the same work day. All loop installation work shall be performed during off-peak traffic hours (9:00 am to 3:30 pm weekdays). Loop installation shall not be made during any type of precipitation.
- g) Connecting loop detector lead-ins in the nearest pull box will be the Contractor's responsibility. The City will provide any information necessary to make the proper connections.
- h) All loop detector installations shall be operational within 15 working days after the completion of street resurfacing, restoration or rehabilitation.
- i) Refer to Exhibits A, B and C for further details on the installation of loop detector sawcuts.

1.2 MATERIAL SPECIFICATIONS

- a) Loop detector wire installed in sawcuts located in the street shall be #14 AWG, stranded, type XHHW one-conductor cable.
- b) Loop detector lead-in wire installed in sawcuts located in concrete medians shall be #14 AWG, stranded, shielded two-conductor cable. The conductor and drain wires shall be tinned copper wires, with conductors shielded by a layer of aluminum bonded to polyester film. All wires shall be insulated with cross-linked polypropylene or polyethylene and surrounded with a vinyl jacket.
- c) Loop detector sealant shall be an asphaltic compound. Samples of the loop detector sealant that will be used shall be submitted to the Engineer for his approval before any detector installation begins.

1.3 METHOD OF PAYMENT

Payment for this item will include the cost of:

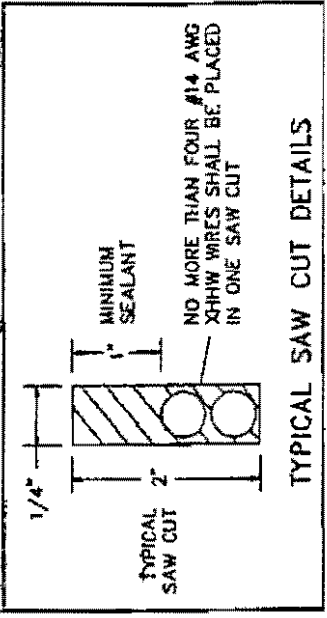
- a) Cutting the loop detector sawcut slot in the pavement,
- b) removing debris from the sawcut slot,
- c) procuring and installing the loop wire and detector sawcut sealant and
- d) connecting loop wire lead-ins in nearest pull box.

Unit of payment: LINEAR FEET OF SAWCUT

1.4 CONSTRUCTION TIME LIMIT

The Contractor will have a time limit of 5 working days to procure the sawcut wire and sealant and 1 working day per 500 linear feet of sawcut for the installation of the sawcut, wire and sealant.

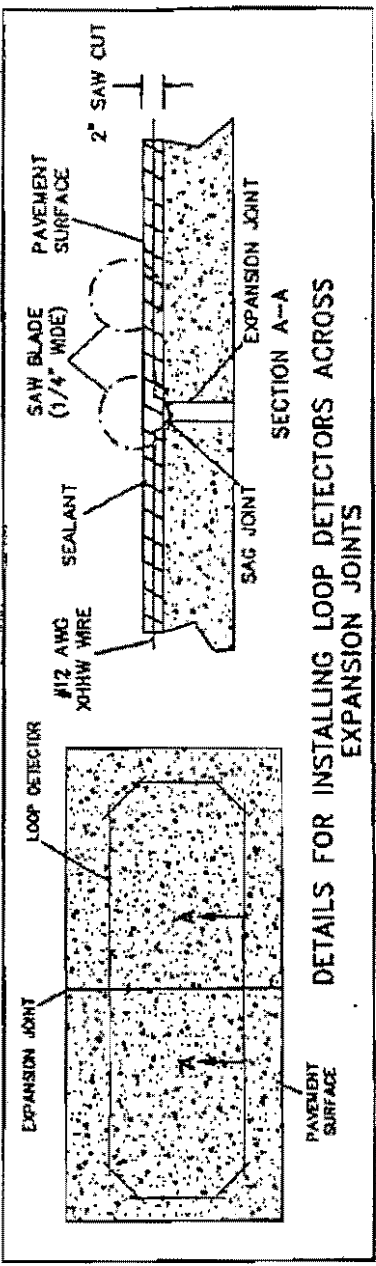
LOOP DETECTOR INSTALLATION DETAILS



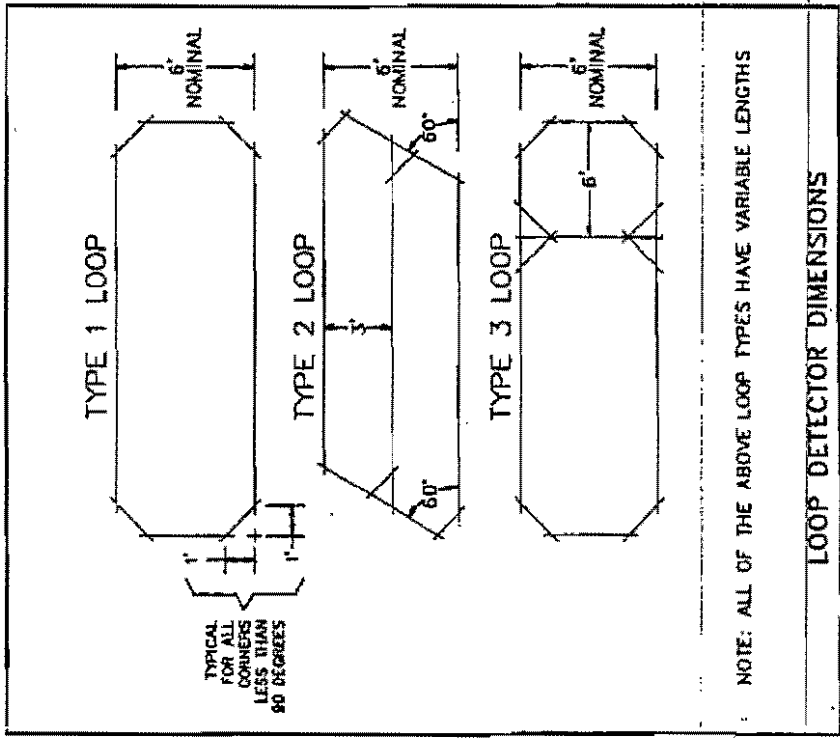
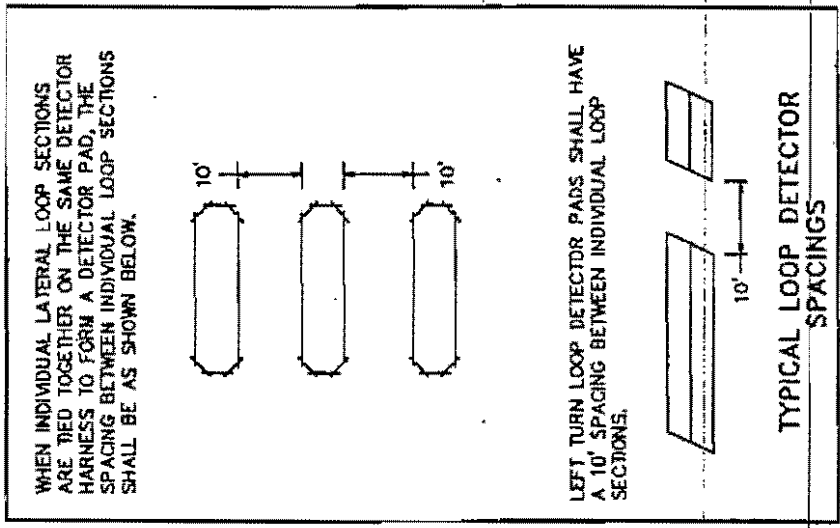
TYPICAL SAW CUT DETAILS

NOTES:

1. INSTALLATION OF LOOP DETECTORS IS TO BE MADE IN THE SHORTEST TIME PRACTICAL (NOT TO EXCEED A 4 HOUR MAX.) AND SCHEDULED DURING OFF PEAK HOURS TO MINIMIZE DELAY TO TRAFFIC.
2. SAW CUTS ARE TO BE MADE WITH A CONCRETE SAW, FORMING STRAIGHT LINES WITH LOOSE MATERIALS REMOVED. THE CUT SHALL BE CLEAN AND DRY WHEN THE SEALING COMPOUND IS PLACED. WHEN A SAW CUT CROSSES A TRANSVERSE EXPANSION JOINT, LOWER THE DEPTH BY 2" WHEN THE SAW IS CENTERED OVER THE EXPANSION JOINT.
3. WIRING OF TYPE 1 AND 3 LOOPS ONLY--
LOOPS SMALLER THAN 6' X 20' SHALL HAVE 3 TURNS OF #14 AWG XHHW WIRE. LOOPS 6' X 20' AND LARGER SHALL HAVE 2 TURNS OF #14 AWG XHHW WIRE. POWERHEADS OF TYPE 2 AND 4 LOOPS SHALL HAVE 2 ADDITIONAL TURNS.
4. WIRING OF TYPE 2 LOOPS ONLY--
QUADRAPOLE LOOPS 6' X 20' & SMALLER SHALL HAVE 2 TURNS (2-4-2) OF #14 AWG XHHW WIRE. QUADRAPOLE LOOPS WITH NOMINAL LENGTHS OVER 20' SHALL HAVE 1 TURN (1-2-1) OF #14 AWG XHHW WIRE.
5. SEALANT SHALL NOT EXTEND MORE THAN 1 1/2" ON EITHER SIDE OF SAW CUT. VENDOR SHALL BE REQUIRED TO REMOVE EXCESS SEALANT BEFORE LOOP WILL BE CONSIDERED COMPLETE.

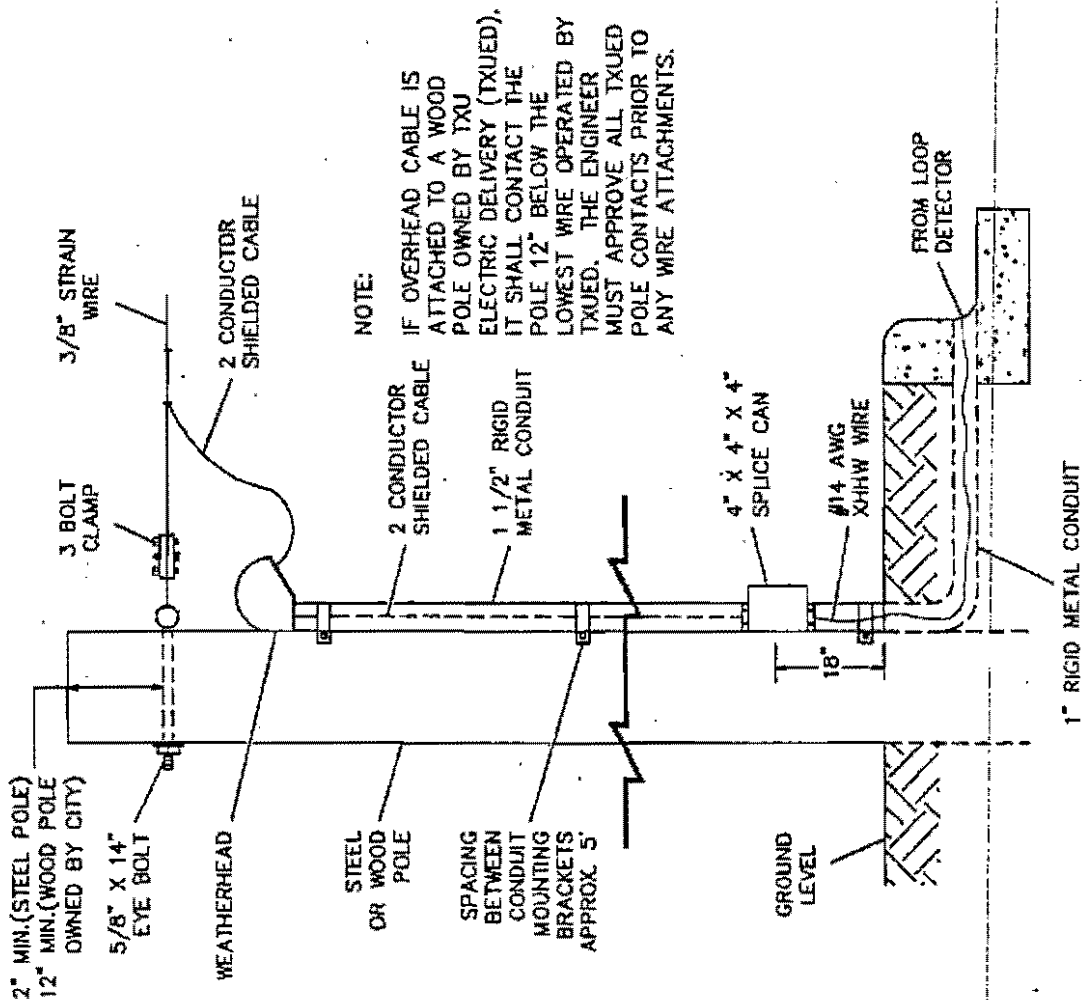


DETAILS FOR INSTALLING LOOP DETECTORS ACROSS EXPANSION JOINTS

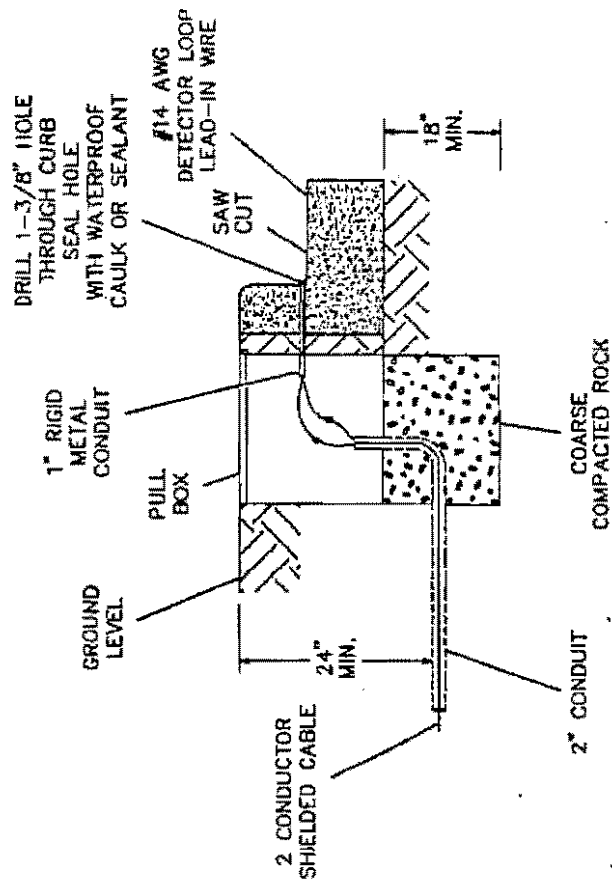


LOOP DETECTOR RUN DETAILS

OVERHEAD DETECTOR RUN DETAIL



DETECTOR RUN INTO PULL BOX DETAIL



NOTE:
SOLDER ALL CONNECTIONS AND SEAL THEM WITH A WATERTIGHT WRAPPING



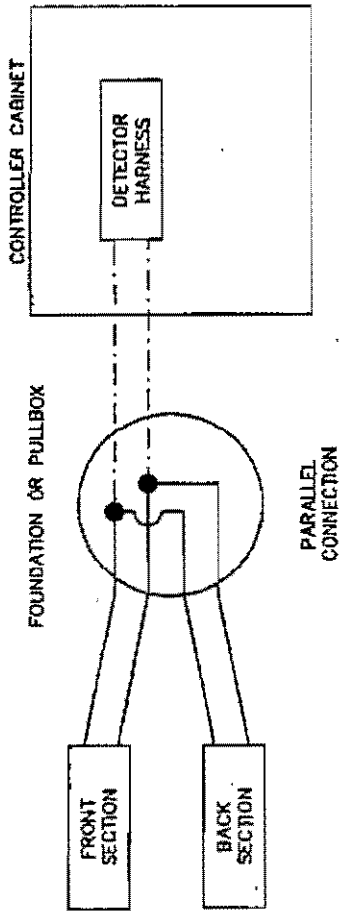
CITY OF DALLAS
DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION

2005-Loop-Detector-Repairs-Specifications

EXHIBIT B

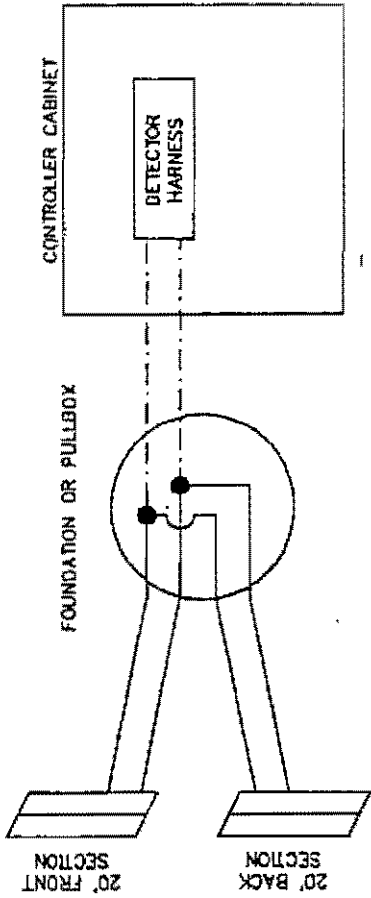
LOOP DETECTOR SPLICING DETAILS

2-SECTION LATERAL LOOP DETECTOR PAD

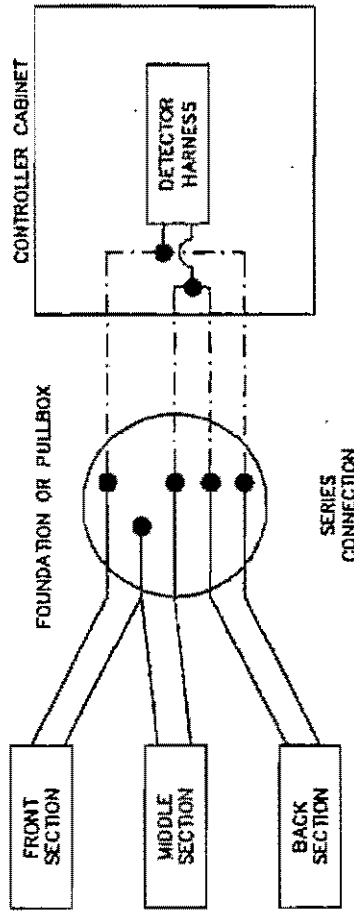


PARALLEL CONNECTION

2-SECTION LONGITUDINAL LOOP DETECTOR

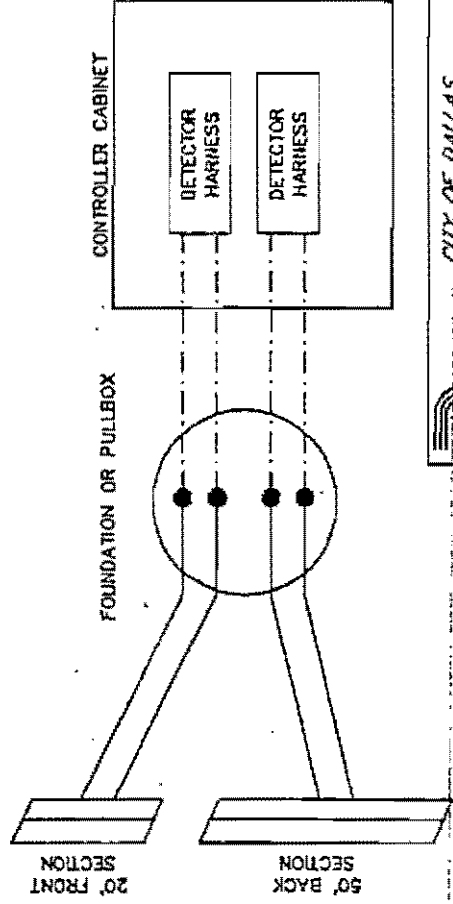


3-SECTION LATERAL LOOP DETECTOR PAD



SERIES CONNECTION

2-SECTION LEFT TURN QUADRAPOLE LOOP DETECTOR (EC-DC OPERATION)



LEGEND:

7/4 AWG XHHW LOOP WIRE

2-CONDUCTOR-SHIELDED-CABLE

WATERTIGHT-SOLDERED-CONNECTION OF #14 AWG XHHW WIRE AND 2 CONDUCTOR SHIELDED CABLE



CITY OF DALLAS
DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION

2005 Loop Detector Repair Specifications

EXHIBIT C



ARCHITECTS ENGINEERS PLANNERS

5910 W. Plano Parkway
Suite 200
Plano, Texas
75093
(972) 661-5626
FAX (972) 661-5614
www.hntb.com

November 4, 2004

Mr. Mike Murphy, P.E.
Public Works Director
Town of Addison
16801 Westgrove Drive
P.O. Box 9010
Addison, TX 75001-9010

Re: Beltline Road Pavement Rehabilitation
Marsh Lane to Dallas North Tollway

Dear Mr. Murphy:

Attached please find three items: A letter from Kirk Morris, APAC-Texas Area Manager, to Scott Forbes; a letter from Steve Waczak, Lone Star Products, Inc., to Kirk Morris; and an updated schedule of the referenced project.

The letter from Mr. Morris requests the addition of three (3) days to the original schedule due to the change of the Pav-Prep joint fabric product. As you know, we have experienced a "shadowing" problem on some of the paving sections. The owner of the manufacturer flew into town last week to examine the problem. He offered to replace the 110 mil thick fabric with a thinner version. We all agreed that a thinner material should help the "shadowing" problem and agreed to change the material. This change of material caused APAC to not be able to pave or install fabric from the time our decision was made to the time the fabric was delivered to the site.

Michael Ebeling, Scott Forbes, and I discussed the circumstances in detail with Mr. Morris and we agree that a three day extension in time is appropriate and fair. Mr. Morris has also requested to be reimbursed for the return freight charge to ship the 110 mil thick Pav-Prep back to the manufacturer. This cost is \$1,900 and we feel this is an appropriate cost request given the circumstances of changing the Pav-Prep product. APAC is absorbing a \$650 fee to expedite the shipping and an additional \$950 handling fee. The manufacturer of the Pav-Prep material has agreed to swap out the product at no additional cost.

In summary, we believe a three day extension of the schedule and the reimbursement of the \$1,900 freight is appropriate. We will put together a change order if you concur. Please call me with any questions.

Sincerely,

HNTB CORPORATION

Jerry D. Holder, Jr., P.E.
Director of Municipal Services

- c: Steve Chutchian, P.E. - Town of Addison
- Michael Ebeling, P.E. - HNTB Corporation
- Scott Forbes, P.E. - HNTB Corporation
- Robin Jones, P.E. - Town of Addison

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The HNTB Companies

OFFICES: ALEXANDRIA, VA; ANNAPOLIS, MD; ATLANTA, GA; AUSTIN, TX; BATON ROUGE, LA; BOSTON, MA; CHARLESTON, SC; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH; COLUMBUS, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; FREEN, WV; FAIRFIELD, NJ; FT. WORTH, TX; HARTFORD, CT; HOUSTON, TX; INDIANAPOLIS, IN; IRVINE, CA; KANSAS CITY, MO; KNOXVILLE, TN; LANSING, MI; LOS ANGELES, CA; LOUISVILLE, KY; MADISON, WI; MIAMI, FL; MILWAUKEE, WI; MINNEAPOLIS, MN; NASHVILLE, TN; NEW YORK, NY; OAKLAND, CA; ORLANDO, FL; OVERLAND PARK, KS; PLYMOUTH MEETING, PA; PORTLAND, ME; PORTLAND, OR; RALEIGH, NC; ST. LOUIS, MO; SALT LAKE CITY, UT; SAN ANTONIO, TX; SAN BERNARDINO, CA; SAN FRANCISCO, CA; SAN JOSE, CA; SEATTLE, WA; TAMPA, FL; TOLEDO, OH; WASHINGTON, D.C.



LONE STAR PRODUCTS, INC.

Where Customer Service is our Business.

October 27, 2004

Kirk Morris
Apac-Texas, Inc.
2121 Irving Boulevard
Dallas, Texas 75222

Re: Resurfacing Beltline Road Addison, Texas

Dear Kirk,

I would like to outline the cost involved with the freight and handling of the PavePrep product:

- Freight to deliver 330 rolls PavePrep .70 Mill with 2 drivers expedited direct from factory \$2,550.
- Freight, to return 203 rolls PavePrep 1.10 Mill from jobsite to factory \$1,900
- Handling fee of picking up product from the jobsite and preparing shipment \$750 (Renting flatbed truck with mounted forklift and laborers).

These charges will be reflected on your next invoice.

Expedited fee \$650
Freight on return \$1,900
Handling fee \$950
Total amount \$3,500

Best regards,

Steve T. Waczak
Technical Sales Representative

Kirk D. Morris
Area Manager

A subsidiary of Ashland Paving And Construction, Inc.
Texas Bitulithic Division
P.O. Box 224048, Dallas, TX 75222-4048
Tel: 214 741-3531, Fax: 214 742-3540

November 1, 2004

Mr. Scott Forbes, P.E.
HNTB Corporation
5910 W. Plano Parkway
Ste 200
Plano, TX 75093

RE: Belt Line Rd. Pavement Rehabilitation
Marsh Ln. to Dallas North Tollway

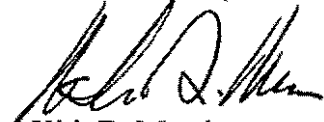
Dear Mr. Forbes,

Per our previous conversation on October 25, 2004, our supplier, Lone Star Products, has incurred some additional cost with respects to the changing to a thinner PAV-PREP joint fabric product. APAC – Texas, Inc. requests that a lump sum adjustment of \$1,900 be added to our contract through change order. The total costs associated with Lone Stars' honoring of our request to switch product is outlined in their letter dated October 27, 2004 (see attached). In addition, the switch over to this thinner product has cost us delay in our prosecution of the above referenced project. APAC – Texas, Inc. also requests that three days be added to our contract time to account for the days October 28, 2004 thru October 30, 2004.

Please find attached an updated schedule, a signed copy of Change Order #1, and test reports to date. If you have any further questions please contact me at the Dallas Office.

Sincerely,

APAC – Texas, Inc.

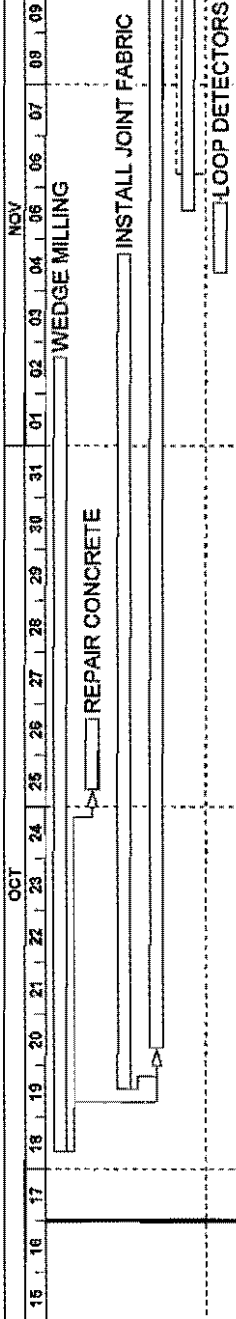


Kirk D. Morris
Area Manager

cc: Randy Blackburn
S. Robertson

Attachments

2004



Act ID	Description
1000	WEDGE MILLING
1010	REPAIR CONCRETE
1020	INSTALL JOINT FABRIC
1030	2" TYPE D HMAC O/L
1040	PAVEMENT MARKINGS
1050	LOOP DETECTORS

Start date	17OCT04
Finish date	12NOV04
Data date	17OCT04
Run date	01NOV04
Page number	1A
© Primavera Systems, Inc.	

**APAC - TEXAS, INC.
TOWN OF ADDISON**

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

2004

DEC

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

NOV

2" TYPE D H/MAC O/L

PAVEMENT MARKINGS

Start date	17OCT04
Finish date	12NOV04
Data date	17OCT04
Run date	01NOV04
Page number	1B
© Primavera Systems, Inc.	

APAC - TEXAS, INC.
TOWN OF ADDISON

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point



ARCHITECTS ENGINEERS PLANNERS

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- Scott Forbes, P.E. - HNTB Corporation
- Robin Jones, P.E. - Town of Addison

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The HNTB Companies

OFFICES: ALEXANDRIA, VA; ANNAPOLIS, MD; ATLANTA, GA; AUSTIN, TX; BATON ROUGE, LA; BOSTON, MA; CHARLESTON, SC; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH; CORVALLIS, OR; DALLAS, TX; DENVER, CO; DUBLINO, MI; EL PASO, TX; FORT WORTH, TX; HARTFORD, CT; HOUSTON, TX; INDIANAPOLIS, IN; IRVINE, CA; KANSAS CITY, MO; KNOXVILLE, TN; LANING, MI; LOS ANGELES, CA; LOUISVILLE, KY; MADISON, WI; MIAMI, FL; MILWAUKEE, WI; MINNEAPOLIS, MN; NASHVILLE, TN; NEW YORK, NY; OAKLAND, CA; ORLANDO, FL; OVERLAND PARK, KS; PEYSBOTH MEETING, PA; PORTLAND, ME; PORTLAND, OR; RALEIGH, NC; ST. LOUIS, MO; SALT LAKE CITY, UT; SAN ANTONIO, TX; SAN BERNARDINO, CA; SAN FRANCISCO, CA; SAN JOSE, CA; SEATTLE, WA; TAMPA, FL; TOLEDO, OH; WASHINGTON, D.C.



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Total amount \$3,500

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Steve T. Waczak
Technical Sales Representative

Kirk D. Morris
Area Manager

A subsidiary of Ashland Paving And Construction, Inc.
Texas Bitulithic Division
P.O. Box 224048, Dallas, TX 75222-4048
Tel: 214 741-3531, Fax: 214 742-3540

November 1, 2004

Mr. Scott Forbes, P.E.
HNTB Corporation
5910 W. Plano Parkway
Ste 200
Plano, TX 75093

RE: Belt Line Rd. Pavement Rehabilitation
Marsh Ln. to Dallas North Tollway


Dear Mr. Forbes,

Per our previous conversation on October 25, 2004, our supplier, Lone Star Products, has incurred some additional cost with respects to the changing to a thinner PAV-PREP joint fabric product. APAC – Texas, Inc. requests that a lump sum adjustment of \$1,900 be added to our contract through change order. The total costs associated with Lone Stars' honoring of our request to switch product is outlined in their letter dated October 27, 2004 (see attached). In addition, the switch over to this thinner product has cost us delay in our prosecution of the above referenced project. APAC – Texas, Inc. also requests that three days be added to our contract time to account for the days October 28, 2004 thru October 30, 2004.

Please find attached an updated schedule, a signed copy of Change Order #1, and test reports to date. If you have any further questions please contact me at the Dallas Office.

Sincerely,

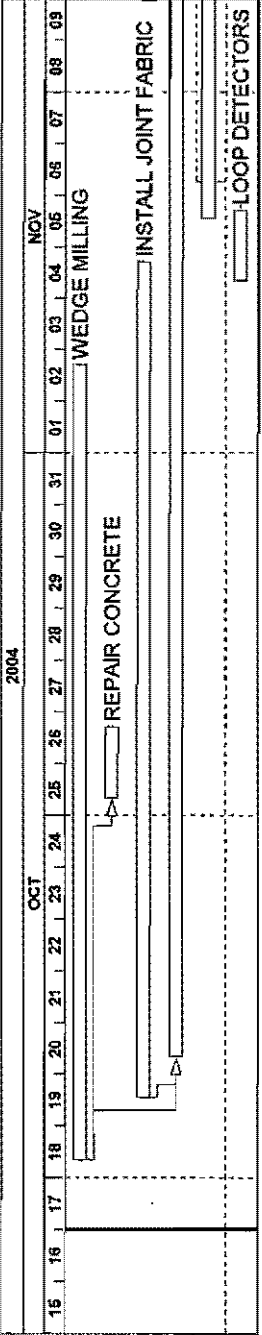
APAC – Texas, Inc.



Kirk D. Morris
Area Manager

cc: Randy Blackburn
S. Robertson

Attachments



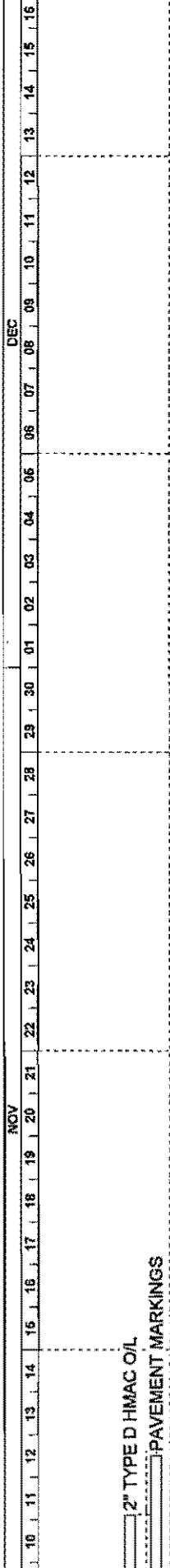
Act ID	Description
1000	WEDGE MILLING
1010	REPAIR CONCRETE
1020	INSTALL JOINT FABRIC
1030	2" TYPE D H/MAC O/L
1040	PAVEMENT MARKINGS
1050	LOOP DETECTORS

Start date	17OCT04
Finish date	12NOV04
Data date	17OCT04
Run date	01NOV04
Page number	1A
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**APAC - TEXAS, INC.
TOWN OF ADDISON**

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

2004



2" TYPE D H/MAC OIL
PAVEMENT MARKINGS

Start date	17OCT04
Finish date	12NOV04
Data date	17OCT04
Run date	01NOV04
Page number	1B
© Primavera Systems, Inc.	

**APAC - TEXAS, INC.
TOWN OF ADDISON**

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Monday, November 08, 2004 11:35 AM
To: Mike Murphy; Jim Pierce; Robin Jones; Jenny Nicewander; Steve Chutchian
Cc: Michael Ebeling; Scott Forbes; Ben Biller
Subject: Beltline Road Cleanup

Scott Forbes drove the roadway this morning and has identified several areas that are still not cleaned up appropriately. Even though this is an on-going construction project, the site needs to look much better than it currently does. Scott has called Kirk Morris from APAC and informed him this situation is not acceptable. Kirk will tell his crews to address this during tonight's operations.

Thanks,
Jerry

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Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Friday, November 05, 2004 4:52 PM
To: Robin Jones
Cc: Jim Pierce; Jenny Nicewander; Mike Murphy; Steve Chutchian
Subject: RE: Pavement problems

Scott and I will be out there tomorrow morning and look at these locations with Michael. Thanks for sending this info to me.

Jerry

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

From: Robin Jones [mailto:rjones@ci.addison.tx.us]
Sent: Friday, November 05, 2004 11:20 AM
To: Jerry Holder
Cc: Jim Pierce; Jenny Nicewander; Mike Murphy; Steve Chutchian
Subject: Pavement problems
Importance: High

Jerry,

I inspected much of the new Belt Line Road pavement after our meeting this morning. The areas I had mentioned that appeared to be cracked and humped up were not, in my opinion, the result of the Pave Prep product. These areas were not cracked, but looked to be humped up as a result of either adding additional asphalt, or possibly by the rolling process itself. I'll leave that to you and APAC to determine why, along with the solution. The locations I noticed are 1) westbound traffic at the east end of BJ's restaurant, directly out from the meters in the right-of-way, 2) westbound traffic beginning at the west nose of Surveyor Blvd (3 spots), 3) eastbound traffic directly out from the recessed inlet in front of Pappa's Pizza.

I don't think you'll have any problem finding these.
Robin

This e-mail and any files or attachments transmitted with it contains information that is confidential and privileged. This document may contain Protected Health Information (PHI) or other information that is intended only for the use of the individual(s) and entity(ies) to whom it is addressed. If you are the intended recipient, further disclosures are prohibited without proper authorization. If you are not the intended recipient, any disclosure, copying, printing, or use of this information is strictly prohibited and possibly a violation of federal or state law and regulations. If you have received this information in error, please delete it and notify Hamid Khaleghipour at 972-450-2868 immediately. Thank you.

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strictly prohibited.

Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Sunday, November 07, 2004 11:05 AM
To: Mike Murphy; Jim Pierce; Robin Jones; Jenny Nicewander; Steve Chutchian
Cc: Michael Ebeling; Scott Forbes; Ben Biller
Subject: Beltline Road Update 11-01-04

I spoke to Michael Ebeling at 9:55 am this Sunday morning and have the following report on the paving operations from this morning.

Paving operations did not start until 4:30 am due to the APAC asphalt plant breaking down early in the evening. Despite the late start, APAC was still able to lay 880 tons and reach Midway road as my previous e-mail had indicated. They paved from 4:30 am to 10:00 am.

I have not been out to ride the new asphalt this morning, but Michael indicated the ride quality is very good.

APAC finished WB lane 1 (inside lane) the rest of the way to Marsh, then paved the EB lane 3 (outside lane) from Marsh to Midway.

Dustrol finished all of the milling on the job.

APAC installed "Bump" signs at Midway, Quorum, and Addison roads 200' each side of Beltline. This is not exactly what our directions to them the previous day were, Michael and I agreed that he would remind and instruct them to also install "Reduce Speed Ahead" signs.

APAC will start paving tonight at 10:00 pm and will continue paving the EB lane 3 from Midway to the Tollway. This will leave the WB lane 3, a short stretch of WB lane 2, the turn lanes and intersections to finish up the project as far as paving goes.

I will ask Michael to get a schedule from APAC on when they plan on bringing in the permanent striping crews.

If you have any questions or need to discuss any matter with me, please call me on my cell phone at 214-914-2993.

Thanks,
Jerry

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11/8/2004

Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Saturday, November 06, 2004 5:32 PM
To: Mike Murphy; Jim Pierce; Robin Jones; Jenny Nicewander; Steve Chutchian
Cc: Michael Ebeling; Scott Forbes; Ben Biller
Subject: Beltline Road Update

This message being sent Saturday afternoon...discussing pavement operations early this morning (1:00 am to 11:00 am)

APAC paved WB lane 2 (middle lane) from the Tollway to just east of Commercial. They laid 1,070 tons of asphalt.

Scott Forbes and I were on site from 7:00 am to 11:00 am to assist Michael Ebeling in reviewing the ride quality issues of existing paving and this morning's paving operations. We feel the ride quality of the asphalt laid this morning is comparable to the previous night's paving. The previous night's paving is the one that you drove Friday morning and said was 95% acceptable.

Dustrol milled intersections in the EB lanes until 10:30 am.

APAC will pave again Sunday morning and plan on paving the WB lane 1 (inside lane) from just west of Commercial to Marsh Lane and then the EB lane 3 (outside lane) to the east as far as they can go...which we believe will be close to Midway. Dustrol will mill the WB lanes and intersections and we believe they will finish all of the milling operations.

We have requested that APAC install "Reduce Speed Ahead" and "Bump Ahead" signs on each side of Beltline on Midway, Quorum, and Addison Roads. These signs should be in place as I write this update.

We discussed with APAC our desire to get the middle of the intersections filled in. In order to do this, they will need a second crew to be on the job. They told us that they don't anticipate this happening until Tuesday night's paving operations. We encouraged them to get this done sooner if possible.

We discussed the cleaning and sweeping operations and told them we needed a better job of cleaning and sweeping for the remainder of the project.

We have informed APAC that they are to mill out the existing asphalt on each side of the railroad. They will coordinate with the railroad for flagmen and get this work done as soon as the railroad can schedule flaggers for them.

I will prepare a strip map of the project and identify areas that we believe need to be repaired before the Town will accept the project. I will submit this to you for your review and comment on Monday.

If you have any questions or need to discuss any issues, please call me on my cell phone at 214-914-2993

Thanks,
Jerry

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11/8/2004

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Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Monday, November 08, 2004 8:09 AM
To: Mike Murphy; Jim Pierce; Robin Jones; Jenny Nicewander; Steve Chutchian
Cc: Michael Ebeling; Scott Forbes; Ben Biller
Subject: Beltline Road Paving Update 11-08-2004

APAC paved the EB lane 3 from Midway road to the RR tracks. They had to stop there due to sprinkler systems spraying on to the road. I have several locations that this is happening that I will call Jenny about this morning to get resolved before tonight.

They flopped over to the WB lane 3 and paved from the Tollroad to just east of Addison Road.

Total asphalt laid down was 617 tons.

I have not been on the road this morning. Michael Ebeling called in this report to my voice mail at 4:30 a.m. and at that time he reported the EB paving ride quality was very good but he had not driven the WB lanes yet...so I have no report on the ride quality of the WB lane 3 from the tollroad to Addison Road at this time.

Please call me if you have any questions or needs.

Thanks,
Jerry

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Steve Chutchian

From: Jim Pierce
Sent: Thursday, November 04, 2004 4:11 PM
To: 'Michael Ebeling'; Jerry Holder; Mike Murphy; Robin Jones; Steve Chutchian; Jenny Nicewander
Subject: RE: Beltline Rd. Update

Mike Ebeling: Four of us drove Belt Line today about 3:45 PM and we agree with your assessment of the ride quality. We don't understand why some areas are smooth and others are bumpy. We noticed some strips of the pave prep have been "pushed" by the traffic. If these are paved over, without smoothing them out, will we get more of a bump? We also wonder what happens where the pave prep has been taken up that has been flapping loose. The adhesive is left behind and is quite thick. We figure if the adhesive is not removed, and a new strip of pave prep is laid down on top of the old adhesive, we now have the potential for a bigger bump after the 2" overlay.

Also, please bring a sample of the various pave preps that are being used to our meeting at I Hop tomorrow morning. Thanks,

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

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

From: Michael Ebeling [mailto:MEbeling@HNTB.com]
Sent: Thursday, November 04, 2004 5:09 AM
To: Jerry Holder; Jim Pierce; Mike Murphy; Robin Jones; Steve Chutchian; Jenny Nicewander
Subject: Beltline Rd. Update

We paved last night, 418 tons, then the asphalt plant broke down. We paved lane 1 WB from the Tollway going west to just west of the railroad. Densities were fine. We cleaned up all the loose fabric.

We milled intersections and the outside lane from Midway to the Tollway eastbound. I asked Dustrol to clean and sweep better and they spent more time cleaning up.

We paved over the thinner fabric. In my opinion the ride quality is no better and no worse.

We plan to pave tonight and mill. We will also place more fabric. Friday, we will likely bring in a second paving crew, maybe Saturday also. We will pursue the project on a seven day per week basis, weather permitting, until complete.

mikee

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11/8/2004

and that any use, dissemination, forwarding, printing, or copying of this e-mail is strictly prohibited.

November 5, 2004

APAC – Texas, Inc.
Texas Bitulithic Division
2121 Irving Boulevard
Dallas, Texas 75207

Attention: Mr. Kirk Morris
Area Manager

Re: Belt Line Road Pavement Rehabilitation
Marsh Lane to Dallas North Tollway
Asphalt Pavement Rideability Issues

Dear Mr. Morris,

APAC-Texas, Inc. began work on the above referenced project on October 17, 2004 and performed the first night's asphalt paving beginning on October 21, 2004, continuing into the morning of October 22, 2004. The limits of paving were Eastbound Lane 1 from approximately Station 11+20 to 52+00. The quality of rideability for this section of overlay is unacceptable due to the severity and frequency of bumps in the new asphalt pavement. Please submit a proposed plan of corrective action for this section of new pavement. This plan must be reviewed and accepted by the Engineer and the proposed remedy completed by APAC-Texas, Inc. within the current 28 day project schedule. Any and all costs associated with this repair shall be borne solely by APAC-Texas, Inc. Claims for monetary damages and/or delays associated with this repair by APAC-Texas, Inc. will be rejected without consideration

We are continuing to evaluate the remaining completed sections of asphalt overlay for acceptability. We will notify you immediately if we conclude there are additional sections of new asphalt pavement which require repair procedures.

Please do not hesitate to contact us if you have any questions.

Yours truly,

HNTB Corporation

Michael W. Ebeling
Director of Construction Services

Cc: M. Murphy, Town of Addison
R. Jones, Town of Addison

J. Pierce, Town of Addison
S. Chutchian, Town of Addison
J. Nicewander, Town of Addison
J. Holder, HNTB Corporation
S. Forbes, HNTB Corporation

10/29/04

KIRK-

THIS IS BEING
FORWARDED TO YOU
FOR DISPOSITION.

THANKS!

Steve CHUTMAN

Mattress Giant.

Shop Smart. Sleep Better.®

Town of Addison
Service Center
16801 Westgrove Drive
Addison, TX 75001

Tuesday, October 26, 2004

I am writing this letter to voice my displeasure with an incident that happened to me while driving southbound on Midway Road at the intersection of Beltline Road on Sunday October 24th.

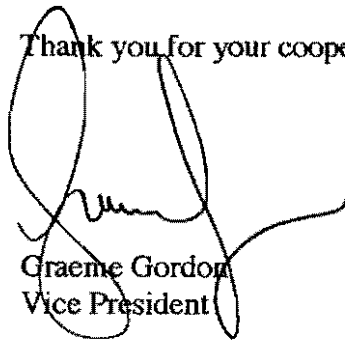
In a nutshell, I crossed the intersection below the speed limit and encountered an uneven roadway due to construction. The resulting impact caused four bent rims on my car.

I did not see any signs indicating the upcoming uneven roadway. The improvement notification sign on the West side of Midway North of Beltline did not provide any warning whatsoever of the upcoming uneven roadway.

Had I seen one, I would have slowed down and this would not have happened. I realize that I am only human, so I am requesting that you please let me know if I missed a sign and if you can provide an affidavit if there was such a sign on that date.

If there was no sign, I am requesting that the Town of Addison reimburse me to repair my wheels, realign my steering and provide reimbursement for a rental car if needed.

Thank you for your cooperation.



Graeme Gordon
Vice President

972-392-2202 ext 219

Mattress Giant
DISCOUNT SLEEP SUPERSTORES®

Graeme Gordon
Vice President

ggordon@mattressgiant.com

14665 Midway Rd. Suite 100
Addison, TX 75001

972-392-2202 x 219
972-392-7405 Fax
888-787-9144 Pager

CORPORATE HEADQUARTERS
14665 Midway Road • Suite 100 • Addison, TX 75001
972-392-2202 • fax: 972-392-0580
www.mattressgiant.com

**TOWN OF
ADDISON**

PUBLIC WORKS

To: KIRK MORRIS

From: STEVE CHUTCHIAN

Company: APAC - TEXAS, Inc.

FAX #: 214-742-3540

Date: 10/29/04

No. of pages (including cover): 2

Phone: 972/450-2886

Fax: 972/450-2837

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

TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO

DATE: 10/8/04

Claim # _____

Check \$ 61,407.00

Vendor No. _____
 Vendor Name HNTB CORPORATION
 Address P.O. BOX 802741
 Address KANSAS CITY, MO. 64180-2741
 Address _____
 Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(\$000,000.00)
	47	000	56570	52300		61,407.00

TOTAL \$ 61,407.00

EXPLANATION BEST LINE RD. RESURFACING DESIGN

Steve Chutehan
Authorized Signature

Finance

October 1, 2004

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 9010
Addison, Texas 75001-9010

**RE: BELTLINE ROAD REHABILITATION
HNTB PROJECT NO. 40316**

Dear Mr. Pierce:

Enclosed please find our Invoice No. 2-40316-DS-001 for professional services in connection with the above referenced project.

If any further information is necessary to process this invoice for payment, please feel free to contact Scott Forbes at 972-661-5626.

Sincerely,

HNTB CORPORATION



Benjamin J. Biller, P.E.
Vice President, Central Division

BJB/ss0

Enclosures

cc: Scott Forbes - Plano
Finance

The HNTB Companies

DEERFIELD BEACH, FL; ANNAPOLIS, MD; ATLANTA, GA; AUSTIN, TX; BATON ROUGE, LA; BOSTON, MA; CHARLESTON, SC; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH; COLUMBIANA, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; EL PASO, TX; HARTFORD, CT; HICKSVILLE, NY; HOUSTON, TX; INDIANAPOLIS, IN; JACKSONVILLE, FL; KANSAS CITY, MO; KNOXVILLE, TN; LAS VEGAS, NV; LOS ANGELES, CA; LOUISVILLE, KY; MADISON, WI; MIAMI, FL; MINNEAPOLIS, MN; MINNEAPOLIS, MN; NASHVILLE, TN; NEW YORK, NY; OAKLAND, CA; ORANGE COUNTY, CA; ORLANDO, FL; OVERLAND PARK, KS; PHILADELPHIA, PA; PORTLAND, ME; RALEIGH, NC; RICHMOND, VA; SALT LAKE CITY, UT; SAN ANTONIO, TX; SAN BERNARDINO, CA; SAN FRANCISCO, CA; SAN JOSE, CA; SEATTLE, WA; TAMPA, FL; TORONTO, ONT.; WAYNE, MI; WASHINGTON, DC



ARCHITECTS ENGINEERS PLANNERS

October 1, 2004

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

In Account With

HNTB CORPORATION

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

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

Invoice No. 2-40316-DS-001

Professional services in connection with the preliminary engineering design for the Beltline Road Rehabilitation.

For the period: August 21, 2004 through September 24, 2004

LUMP SUM FEE: \$ 102,345.00

85.0% Complete x \$ 102,345.00

\$ 86,993.25

Total Amount Earned To Date
Less Previously Invoiced

\$ 86,993.25
25,586.25

AMOUNT DUE THIS INVOICE

\$ 61,407.00

O.K. TO PAY!
SZC
10/8/04

Steve Chutchian

From: Robin Jones
Sent: Wednesday, October 27, 2004 10:25 AM
To: Charles Mitchell; Jerry Davis; Ron Lee
Cc: Steve Chutchian
Subject: FW: Beltline Road Update

Mitch, please check out the signal issue.

Jerry/Ron, not sure who is working on the sprinklers but looks like the contractor needs help.

Thanks

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

From: Michael Ebeling [mailto:MEbeling@HNTB.com]
Sent: Wednesday, October 27, 2004 10:02 AM
To: Jerry Holder; Jim Pierce; Mike Murphy; Robin Jones; Steve Chutchian; jnicewander@addison.tx.us
Subject: Beltline Road Update

We paved last night, only 350 tons, they shut down due to rain and impending storms. We also milled in the WB lanes.

I feel the pavement we placed last night is our best ride yet.

We will pave and mill tonight. We should finish paving lane 2 EB to the Tollway. Dustrol will mill every night until they are finished, probably Thursday night. The new fabric should be in Friday, and we will place Pave Prep Friday and pave Saturday. The project will proceed on a 7 day per week basis until completion.

The signals at Surveyor seem off, they change very rapidly. Maybe we should check the timing settings.

We need to pursue shutting off all irrigation, there are still a lot of systems on WB.

Thanks.

mikee

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10/27/2004

Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Tuesday, October 26, 2004 8:26 AM
To: Mike Murphy; Steve Chutchian; Robin Jones; Jenny Nicewander
Subject: Beltline Daily Report

Last night we milled WB from Midway to just short of Marsh Lane, Lane 1 (median). We also broke out and poured all the concrete patches. Everything went well.

There are two concrete cylinders, EB just east of marsh lane in front of the sign for Target next to a telephone pole. Just east of the Starbucks. Does the town want to have the cylinders picked up and broken? We can do a 48 or 54 hour break. The cylinders were cast at 12:30 am Tuesday, 10/26/04.

Weather permitting, we will pave tonight, EB lane 2 from Business Av. to the Tollway or as close as we can get. We will also mill, Dustrol plans to bring in a second mill machine to increase our progress. Dustrol should finish Thursday. Current plan is to place fabric starting Friday and pave again beginning Saturday.

Thank you.

Mike E.

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10/26/2004

Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Friday, October 22, 2004 11:16 AM
To: Jim Pierce; Mike Murphy; Steve Chutchian; Robin Jones; Jenny Nicewander
Cc: Scott Forbes; Michael Ebeling; Mike Hutchison
Subject: Beltline Daily update

We had a good evening. Dustrol milled butt joints. APAC placed Pave Prep from Midway to the Tollway, EB. We paved lane 1 EB from Marsh Lane to just short of Midway, we laid 580 tons in a short evening (paving did not start until 12:15 am). The mat looks great, the mix is excellent. If you ride the new asphalt today, do not be surprised by the bumpy ride. This is due to the Pave Prep and will work itself out in one or two days. Densities were running around 93% (great!) and a core was cut for thickness and was 2 and one half inches thick.

APAC will work Friday and Saturday nights (really Saturday and Sunday mornings) and will take Sunday night off. Dustrol will be off Friday and Saturday and will work Sunday. The concrete repair sub will be in sometime between now and Sunday.

I am extremely pleased with the quality of construction so far. Production is a little slow, but we will get better.

Michael Ebeling

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10/22/2004

Steve Chutchian

From: Jerry Holder [JHolder@HNTB.com]
Sent: Thursday, October 21, 2004 8:28 AM
To: Jim Pierce; Mike Murphy; Steve Chutchian; Robin Jones; Jenny Nicewander
Cc: Scott Forbes; Michael Ebeling; Mike Hutchison
Subject: Beltline Update

Jim, I spoke to Michael Ebeling about keeping you updated. If you want to meet with him, he would really appreciate it if it could be at 7:00 a.m.. By that time he has been up all night and he is plum tuckered out (an Arkansas term for really tired). He can send you an e-mail update each day (see below) and maybe once or twice a week we could meet for a 7:00 am breakfast meeting. Let us know what you want to do. They may start paving tonight...I'd wait a couple of days before you go out there at night to see the paving...the first night is usually kind of rough getting started.

Here is the report from last night.

On Wednesday night (10/20/04):

Completed milling the median lane to approximately 600' west of Midway in the WB median lane. EB median milling is complete.

Laid Pave Prep from EB Marsh Lane to Midway.

We plan to pave tonight and lay pave prep. We will also continue milling WB median from Midway to Marsh.

Rain is in the forecast, but APAC plans to work Friday and Saturday nights and take off Sunday. I have verbally approved SS-1 prime coat. Kirk Morris to follow up with a formal submittal to Scott Forbes.

Michael Ebeling

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10/21/2004

Steve Chutchian

From: Jim Pierce
Sent: Monday, October 18, 2004 10:03 AM
To: 'Don Holzwarth (E-mail)'
Cc: Mike Murphy; Steve Chutchian; Robin Jones; Jenny Nicewander
Subject: RE: Belt Line Road Video Detection

Don: Many thanks for your help on this.

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

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

From: Jim Pierce
Sent: Friday, August 13, 2004 9:31 AM
To: Don Holzwarth (E-mail)
Subject: Belt Line Road Video Detection

Don: As per our discussion yesterday, the Town of Addison is planning a 2" asphalt overlay of Belt Line Road from Dallas Parkway to Marsh Lane this fall, with an upgrade to our crosswalks in the spring. We will be milling the gutter lane along Belt Line, and that, along with upgrading the crosswalks will destroy all of our signal loops along the corridor. Instead of replacing 139 loops (which are a headache to maintain anyway) we feel this is an ideal time to switch to video detection at our 10 signalized intersections along Belt Line Road. We have 4 intersections that are now controlled by video detection (and one under construction) with excellent results and low maintenance. We estimate this project will cost about \$200,000.

This is to request an amendment to our Midway - Spring Valley to Dooley signalization project to include video detection along Belt Line Road from Dallas Parkway to Marsh Lane. We also request our grant be increased by \$100,000 with our local match to be \$100,000.

Thank you for your consideration.

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

TOWN OF ADDISON, TEXAS
BELT LINE ROAD PAVEMENT REHABILITATION
PRECONSTRUCTION CONFERENCE AGENDA

October 14, 2004

1.0 Introductions

2.0 Purpose

The purpose of the conference is for all parties to get acquainted, establish lines of authority and communication, determine the duties and responsibilities of the contractor's personnel, subcontractors and agents for the Town of Addison, clarify potential sources of misunderstanding and discuss the detailed arrangements necessary for the successful completion of the project.

3.0 Review of the Specifications and Plans

4.0 Traffic Control and Working Hours

5.0 Discussion of the Contractor's Paving Plan

6.0 Railroad Coordination

7.0 Traffic Signal Loops at Dallas North Tollway

8.0 Contractor's Use of the Proposed Staging Area

9.0 Contract Quality Control

10.0 Open Forum for Questions and Discussion

TOWN OF ADDISON
Belt Line Road 20 Year Life Cycle Maintenance Cost

BELT LINE ROAD			
Year	Work Type	Maintenance Expenditures (2004 dollars)	Escallated Maintenance Expenditures (3% annually)
2004			
2005			
2006	crack seal/minor patching	5,000	6,000
2007			-
2008	rejuvenator/fog seal	12,000	14,000
2009	crack seal/minor patching	5,000	6,000
2010			-
2011	mill & overlay	1,950,000	2,471,000
2012			-
2013	crack seal/minor patching	5,000	7,000
2014			-
2015	rejuvenator/fog seal	12,000	18,000
2016	crack seal/minor patching	5,000	8,000
2017			-
2018	mill & overlay	1,950,000	3,039,000
2019			-
2020	crack seal/minor patching	5,000	9,000
2021			-
2022	rejuvenator/fog seal	12,000	22,000
2023	crack seal/minor patching	5,000	10,000
2024			-
2025	mill & overlay	1,950,000	3,737,000
20-Year Total:		5,916,000	9,347,000

Notes:

- Crack Sealing Unit Cost: \$0.20/SY.
- Rejuvenator Unit Cost: \$1.00/SY
- Rejuvenator and mill & overlay costs include 20% for design, construction management, and contingency.
- See attached for mill & overaly estimate of construction cost.

TOWN OF ADDISON

Beltline Road 7-Year Asphalt Mill and Overlay Project

Estimate of Construction Cost

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	COST
1	REMOVE AND REPLACE 8" THICK REINF CONC PAVT	100	SY	\$300.00	\$30,000.00
2	HOT MIX ASPHALT, TYPE D, 2", (PG-76-22)	100300	SY	\$4.40	\$441,320.00
3	PRIME COAT	8100	GAL	\$1.85	\$14,985.00
4	PAVEMENT BUTT JOINT AND INTERSECTION MILLING	100300	SY	\$5.00	\$501,500.00
5	REINFORCED HIGH DENSITY STRESS RELIEF INTERLAYER	59250	LF	\$3.50	\$207,375.00
6	ADJUST MANHOLE CASTINGS	15	EACH	\$200.00	\$3,000.00
7	ADJUST VALVE BOXES	64	EACH	\$50.00	\$3,200.00
8	TRAFFIC CONTROL	1	L SUM	\$30,000.00	\$30,000.00
9	TRAFFIC MARKERS (4" LEAD ACRYLIC REFLECTORIZED)	950	EACH	\$8.00	\$7,600.00
10	TRAFFIC MARKERS (4" ROUND CERAMIC BUTTONS)	7850	EACH	\$6.00	\$47,100.00
11	THERMOPLASTIC REFLECTORIZED STOP BARS (24")	1755	LF	\$4.00	\$7,020.00
12	PAINTED REFLECTORIZED CROSSWALK (6")	2960	LF	\$0.50	\$1,480.00
13	THERMOPLASTIC REFLECTORIZED PUPPY TRACKS (6")	1120	LF	\$0.70	\$784.00
14	THERMOPLASTIC REFLECTORIZED WORDS/SYMBOLS	31	EACH	\$250.00	\$7,750.00
15	THERMOPLASTIC REFLECTORIZED LEFT TURN ARROWS	56	EACH	\$70.00	\$3,920.00
16	THERMOPLASTIC REFLECTORIZED RIGHT TURN ARROWS	16	EACH	\$70.00	\$1,120.00
17	THERMOPLASTIC REFLECTORIZED STRAIGHT ARROWS	6	EACH	\$70.00	\$420.00
18	THERMOPLASTIC REFLECTORIZED COMBINED RIGHT	3	EACH	\$120.00	\$360.00
19	PAVEMENT MARKING CONTINGENCY	1	L SUM	\$4,000.00	\$4,000.00
20	RAILROAD COORDINATION	1	L SUM	\$12,000.00	\$12,000.00
				SUBTOTAL	\$1,324,934.00

15% Premium for Night Work

\$198,740.10

ESTIMATED CONSTRUCTION TOTAL \$1,523,674.10

Bonus: \$20,000/Day, Max 5 Days

\$100,000.00

TOTAL **\$1,623,674.10**
 SAY \$1,624,000.00

FINANCE DEPARTMENT/PURCHASING DIVISION

5350 Belt Line Road (972) 450-

7091

E-mail msuh@ci.addison.tx.us

Facsimile (972) 450-7096

P.O. Box 9010

Addison, Texas 75001

October 12, 2004

Kirk D. Morris
APAC-Texas, Inc.
2121 Irving Blvd
Dallas, TX 75207

RE: Award/Proceed Letter - Bid 04-33 Resurfacing Belt Line Rd

Dear Mr. Morris:

Receipt of this document authorizes your company to provide all labor and materials with effective start date of October 17, 2004 as outlined in the specifications and under the terms and conditions of the contract documents for Bid 04-33 Resurfacing Belt Line Rd.

Copy of your contract will be mailed under separate cover. The bonds and insurance will need to be turned in by Thursday, October 14, 2004 Pre Construction Meeting.

The proposed improvements and work shall be completed with the original contract price of \$730,766.00 and within 25 calendar days as stated on the contract. Please include Bid No. and Name: 04-33 Resurfacing Belt Line Rd. on all monthly invoices or other correspondence to the Town of Addison.

If you have any questions or if I can be of assistance to you, please contact me at 972-450-7091.

Sincerely,

Minok Suh
Purchasing Coordinator

Enclosures

Copy: Steve Chutchian
Jenny Nicewander
Jim Pierce

Item #R12 – Consideration of approval of award of bid and a Resolution authorizing the City Manager to enter into a contract, including incentives, in an amount not to exceed \$830,766.00 with APAC-Texas, Inc. for the construction of the Belt Line Road pavement rehabilitation from Marsh Lane to Dallas North Tollway.

Approved

Attachments:

1. Council Agenda Item Overview
2. Bid Talley Sheet

Administrative Recommendation:

Administration recommends approval.

Adjourn Meeting

Posted 5:00 p.m.
October 7, 2004
Carmen Moran
City Secretary

**THE TOWN OF ADDISON IS ACCESSIBLE TO PERSONS
WITH DISABILITIES. PLEASE CALL (972) 450-2819 AT LEAST
48 HOURS IN ADVANCE IF YOU NEED ASSISTANCE.**

Council Agenda Item: _____

SUMMARY:

This item is for the award of contract to APAC, Texas, Inc, in the amount of \$730,766.00, for construction of the Belt Line Road Pavement Rehabilitation, from Marsh Lane to Dallas North Tollway.

FINANCIAL IMPACT:

Construction Cost: \$730,766.00

Funding Source: \$1.25 million from the proceeds of the 2004 sale of General Obligation Bonds.

BACKGROUND:

For many years the surface conditions of Belt Line Road have been deteriorating. About 3 years ago the Town began a process of grooving the surface on the roadway to improve traction conditions, especially during wet weather events. This process was only a temporary solution. As a result of the success of the "slab jacking" process used on Midway Road, sufficient funds were freed up to accommodate the necessary resurfacing of Belt Line Road. The firm of HNTB Corporation prepared engineering plans and specifications for construction of a hot mix asphaltic concrete overlay (asphalt) that will provide an aesthetically attractive look to the roadway and enhanced skid resistance to the surface. In addition, temporary pavement markings will be placed to establish cross walks and vehicle turn indicators. All construction work will be performed from 10:00 p.m. to 6:00 a.m. during the week and 1:00 a.m. to 11:00 a.m. on weekends. This will minimize any disruption or inconvenience to adjacent businesses. Concurrently, HNTB Corporation has initiated the design of proposed concrete crosswalks that will be placed along Belt Line Road in spring 2005.

The contract stipulated that all construction must be completed by November 15, 2004. An incentive/disincentive provision is also included, whereby; the contractor will be awarded \$20,000 per day for early completion, with a 5 day maximum. The disincentive amount is \$10,000 per day for every day that construction exceeds the contractual deadline. APAC, Texas, Inc. submitted the lowest responsive bid, in the amount of \$730,766.00. The actual bid amount is substantially lower than the \$1,100,000 engineering estimate. The contractor is a very large and well respected company that has successfully performed similar improvements in numerous municipalities.

RECOMMENDATION

Staff recommends that Council authorize the City Manager to enter into a contract with APAC, Texas, Inc., in the amount of \$730,766.00, for construction of the Belt Line Road Pavement Rehabilitation, from Marsh Lane to Dallas North Tollway.

Belt Line Resurfacing
BID NO 04-33
Bid Opening: September 28, 2004
2:00 PM

Bidder	Signed	Bid Bond	Addendum 1	Total Bid
APAC-Texas	y	y	y	\$730,766.00
Austin Bridge and Road LP	y	y	y	\$888,010.50
PeachTree Construction, LTD	y	y	y	\$1,308,540.50

Minok Suh

Minok Suh, Purchasing Coordinator

Corey Gayden

Corey Gayden, Witness

Project:	Beltline Road Pavement Rehabilitation (Marsh Lane to Dallas North Tollway)
Client:	Town of Addison, Texas
Report No.:	2
Time Period:	August 21, 2004 through September 24, 2004
Prepared By:	WSF

Work Started or Progressed

- Assembled plan set and specification book for project.

Work Completed

- Submitted review plans and specifications to the Town and received comments.
- Incorporated comments from the Town and finalized plans and specifications for bidding.
- Assisted the Town with a project notice to advertise the project.

Work Remaining to be Performed

- Assist the Town with Advertising and Bid Letting.
- Prepare bid tabulation.
- Assist Town with pre-construction conference.
- Provide on-site inspection during construction.



TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO

DATE: 10/4/04

Claim # _____

Check \$ 25,586.25

Vendor No. _____
 Vendor Name HMTB CORPORATION
 Address P.O. BOX 802741
 Address KANSAS CITY, Mo. 64180-2741
 Address _____
 Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(\$000,000.00)
	<i>AK.</i>			<i>AK.</i>		
	<i>47</i>			<i>52300</i>		
	<i>44</i>	<i>000</i>	<i>56570</i>	<i>02300</i>		<i>25,586.25</i>

TOTAL \$ 25,586.25

EXPLANATION BELT LINE ROAD IMPROVEMENTS

Steve Chastain
 Authorized Signature

 Finance



ARCHITECTS ENGINEERS PLANNERS

90 Years

5910 W Plano Parkway
Suite 200
Plano, Texas
75093
972-661-5626
Fax 972-661-5614
www.hntb.com

September 17, 2004

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 9010
Addison, Texas 75001-9010

**RE: BELTLINE ROAD REHABILITATION
HNTB PROJECT NO. 40316**

Dear Mr. Pierce:

Enclosed please find our Invoice No. 1-40316-DS-001 for professional services in connection with the above referenced project.

If any further information is necessary to process this invoice for payment, please feel free to contact Scott Forbes at 972-661-5626.

Sincerely,

HNTB CORPORATION

Benjamin J. Biller, P.E.
Vice President, Central Division

BJB/ss0

Enclosures

cc: Scott Forbes - Plano
Finance

The HNTB Companies

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

Project:	Beltline Road Pavement Rehabilitation (Marsh Lane to Dallas North Tollway)
Client:	Town of Addison, Texas
Report No.:	1
Time Period:	August 2, 2004 through August 20, 2004
Prepared By:	WSF

Work Started or Progressed

- Project visit to identify existing pavement conditions and limits of proposed construction.
- Begin to assemble plan set and specification book for project.

Work Completed

- Initial project site visit completed on August 8, 2004. Reviewed pavement removal and replacement areas with Robin Jones, Street Superintendent on August 10, 2004.

Work Remaining to be Performed

- Submit review plans and specifications to Town.
- Finalize plans and specifications for bidding.
- Assist the Town with Advertising and Bid Letting.
- Prepare bid tabulation.
- Assist Town with pre-construction conference.
- Provide on-site inspection during construction.





September 17, 2004

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

In Account With

HNTB CORPORATION

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

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

Invoice No. 1-40316-DS-001

Professional services in connection with the preliminary engineering design for the Beltline Road Rehabilitation.

For the period: 8/2/2004 through 8/20/2004

LUMP SUM FEE: \$ 102,345.00

25.0% Complete x \$ 102,345.00 \$ 25,586.25

Total Amount Earned To Date \$ 25,586.25
Less Previously Invoiced -

AMOUNT DUE THIS INVOICE \$ 25,586.25

*O.K. to pay!
SJC
10/4/04*

Council Agenda Item: _____

SUMMARY:

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RECOMMENDATION

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Steve Chutchian

From: Randy Moravec
Sent: Wednesday, October 06, 2004 12:01 PM
To: Steve Chutchian
Cc: Mike Murphy; Jim Pierce; Jenny Nicewander
Subject: Account Coding for Belt Line Road Resurfacing

Steve,
You had submitted a PAM for payment to HNTB for work done on Belt Line Road Improvements. The account you had used was for Belt Line Road Streetscape. Talking with Jim, the work HNTB had done was for the Belt Line Road Resurfacing project. In the future please use account 47-000-56570-52300 for engineering related to this project or account 47-000-58210-52300 for actual construction. If you have any questions, please give me a call.

THANKS!!!

Randy

**BELTLINE ROAD
PAVEMENT REHABILITATION
MARSH LANE TO DALLAS NORTH TOLLWAY**

BID 3

BID 2

BID 1

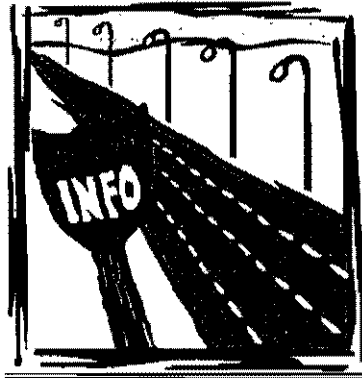
ITEM NO.	DESCRIPTION & UNIT PRICE IN WORDS	UNIT	APAC - Texas Inc.	UNIT PRICE	Assein Bridge and Road UP	UNIT PRICE	Peach Tree Construction, LTD	BID STATISTICS		
								Average Unit Price	Units Price	High Unit Price
1	Removes and Replaces 6" Thick Reinforced Concrete Pavement	SY	12,800.00	\$ 390.00	\$ 16,226.00	\$ 435.00	\$ 14,000.00	\$ 396.33	\$ 360.00	\$ 438.00
2	Hot Mix Asphalt, Type D, 2" (PG 76-22)	SY	401,200.00	\$ 4.00	\$ 483,476.00	\$ 4.92	\$ 782,340.00	\$ 5.97	\$ 4.00	\$ 7.90
3	Prime Coat	CC	3,645.00	\$ 0.45	\$ 14,690.00	\$ 1.80	\$ 10,630.00	\$ 1.18	\$ 0.46	\$ 1.80
4	Pavement Wedge Milling (6" Milling Limit)	SY	36,175.00	\$ 1.75	\$ 38,195.00	\$ 1.95	\$ 40,200.00	\$ 1.90	\$ 1.75	\$ 2.00
5	Pavement Wedge Milling (10" Milling Limit)	SY	46,750.00	\$ 2.50	\$ 61,240.00	\$ 2.80	\$ 64,900.00	\$ 2.77	\$ 2.50	\$ 3.00
6	Pavement Full Joint and Intersection Milling	SY	25,700.00	\$ 4.50	\$ 34,320.00	\$ 5.20	\$ 52,800.00	\$ 5.90	\$ 4.50	\$ 8.00
7	Reinforced High Density Stress Relief Inset	SY	127,387.50	\$ 2.16	\$ 140,422.50	\$ 2.37	\$ 177,750.00	\$ 2.51	\$ 2.15	\$ 3.00
8	Asphalt Multiple Chasing	LF	4,500.00	\$ 300.00	\$ 4,500.00	\$ 300.00	\$ 3,000.00	\$ 366.67	\$ 200.00	\$ 300.00
9	Asphalt Vane Bases	SY	7,680.00	\$ 120.00	\$ 4,800.00	\$ 75.00	\$ 7,680.00	\$ 105.00	\$ 75.00	\$ 120.00
10	Traffic Control	LF	10,500.00	#####	\$ 25,000.00	\$ 75,000.00	\$ 75,000.00	\$ 36,833.33	\$ 10,500.00	\$ 75,000.00
11	Traffic Markers (Lead Activated Reflectors)	EA	3,230.00	\$ 3.40	\$ 3,657.50	\$ 3.85	\$ 4,275.00	\$ 3.92	\$ 3.40	\$ 4.50
12	Traffic Markers (Round Concrete Bases)	EA	20,410.00	\$ 2.90	\$ 23,236.00	\$ 2.96	\$ 25,120.00	\$ 2.92	\$ 2.60	\$ 3.20
13	Thermoplastic Reinforced Stop Bars (24" Wide)	LF	8,248.50	\$ 4.70	\$ 9,301.50	\$ 5.30	\$ 14,617.50	\$ 6.17	\$ 4.70	\$ 8.50
14	Painted Reinforced Crosswalks (6' Wide)	LF	3,108.00	\$ 1.05	\$ 3,652.00	\$ 1.20	\$ 4,144.00	\$ 1.22	\$ 1.05	\$ 1.40
15	Thermoplastic Reinforced Poppy Traces (6' Wide)	LF	2,352.00	\$ 2.10	\$ 2,668.00	\$ 2.40	\$ 3,136.00	\$ 2.43	\$ 2.10	\$ 2.80
16	Thermoplastic Reinforced Microbeads	EA	4,805.00	\$ 165.00	\$ 6,425.00	\$ 175.00	\$ 10,650.00	\$ 226.67	\$ 165.00	\$ 350.00
17	Thermoplastic Reinforced Unit Traffic Arrows	EA	4,368.00	\$ 75.00	\$ 4,954.00	\$ 88.00	\$ 5,938.00	\$ 91.00	\$ 75.00	\$ 106.00
18	Thermoplastic Reinforced Right Turn Arrows	EA	1,248.00	\$ 75.00	\$ 1,424.00	\$ 86.00	\$ 1,599.00	\$ 91.00	\$ 75.00	\$ 106.00
19	Thermoplastic Reinforced Straight Arrows	EA	468.00	\$ 75.00	\$ 534.00	\$ 69.00	\$ 838.00	\$ 91.00	\$ 75.00	\$ 106.00
20	Thermoplastic Reinforced Combined Right	EA	390.00	\$ 130.00	\$ 450.00	\$ 150.00	\$ 630.00	\$ 163.33	\$ 130.00	\$ 210.00
21	Pavement Marking Contingency	US	4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00
22	Railroad Construction	US	1.00	\$ 1.00	\$ 6,000.00	\$ 6,000.00	\$ 15,000.00	\$ 7,000.33	\$ 1.00	\$ 15,000.00

TOTAL AMOUNT BID FOR MATERIALS AND SERVICES, ITEMS 1 THROUGH 22, INCLUSIVE \$ 730,768.00 \$ 888,010.50 \$ 1,308,540.50

WRITTEN IN WORDS:

- NOTES:**
- All items, labor, materials, equipment, fuel/oils, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the project.
 - Prices must be shown in words and figures for each item listed in this proposal. In the event of discrepancy, the words shall control.
 - It is understood the Bid Security shall be retained and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on the proposal which differs (5%) or more from the actual bid and the undersigned fails to execute the contract and replace bonds within (7) days from the date the Contractor is notified and the cost of the contract is less than the actual bid. All items, labor, materials, equipment and the required bonds shall be submitted, the bid for services shall be complete and the required bonds shall be submitted. Bidder's Tax ID, No. or Employer's No.

Belt Line Road Rehabilitation Project



WHAT:

To improve driving conditions and enhance the appearance of Belt Line Road, an asphalt overlay and striping will be applied from Marsh Lane to the Dallas North Tollway.

*PROJECT
LIMITS*

WHEN:

Contracts will be presented to the City Council for approval on October 12, 2004, with construction to start October 17. Incentives will be built into the 25-day contract to encourage completion before the end of the contract period. The resurfacing will be completed by November 15, 2004.

*Time
Line
of
Events*

SCHEDULE:

Construction hours will be from 10 p.m. to 6 a.m. Monday thru Friday, and 1:00 am to 11:00 am Saturday and Sunday to reduce business interruptions. Access to individual businesses should be maintained at all times. Equipment and supplies will be removed from the roadway each morning so daytime traffic should not be affected.

*WORKING
HOURS*

*Commitment
to
Residents*

QUESTIONS?

Call the Addison Public Works Department
972-450-2871,

Beltline Agenda

- Town – Ron Whitehead – Opening remarks
 - Thank you for attending
 - Reason for meeting
 - Importance of project
 - Importance of working with tenants along beltline
 - Importance of project timeline - incentives Town

- Mike Murphy - General Overview

- Town – Steve Chutchian

- Project overview – project limits
- ~~Working hours~~
- Committed to working with tenants to have minimal impact on business
- Anticipated construction phasing
 - Lane closures
- Working hours
- Time line of events

- HNTB – Mike Hutchison – Tech Questions

- Questions comments

CROSS
WALKS
IN
FIRST
PHASE

BASICALLY ONE CARE AT
A TIME
OUTSIDE THE DONE
DURING BUSINESS
HOURS