BROADWAY ST. PAVING
ADDISON RD. to JULIAN ST.

Liz Oliphant and associates, inc.
PUBLIC RELATIONS•ADVERTISING

August 1, 2001

Steve,

Here are some copies of the invitations for the opening of Broadway Street for your files. If you need any more please give us a call. Thanks!

Julie

3626 N. Hall Street #625 • Dallas, TX 75219 • 214-522-9942
FAX 214-522-9947

It's a Celebration!

The Town of Addison
cordially invites you to join the
Mayor and Addison City Council for a

Ribbon-cutting and Reception
10 A.M., Tuesday, August 7, 2001

To celebrate the renovation and
re-opening of Broadway Street

Please park in the Special Events area
just north of Broadway Street and enter from Julian Street.

Eric Stranghoner

TalleyAssociates

Planning
Landscape Architecture
Urban Design

1925 San Jacinto, Suite 400
Dallas, Texas 75201
T 214-871-7900
F 214-871-7985
eric@talleyassociates.com

Jeske Construction Co.

Copy to Dale W. 4/30/01

April 27, 2001

Public Works Department
Town of Addison, Texas

O.K. SC

Attn: Steve Chutchian

Re: Paving & Drainage Improvements on Broadway St.
Bid No. 01-12

Submitted for your approval are concrete mix designs, slotted drain specifications and water pipe and fitting specifications.

Sincerely,

E. P. Jeske

P.O. Box 59025 • Dallas, Texas 75229 • 972/620-2248 • Fax 972/620-9852

facsimile

TRANSMITTAL

TO: *Jeske Construciton*
Attn: Steve Jeske
972-620-9852

12 pages total

RE: *Concrete Mix Designs*

FROM: *Janet Kinard*
Quality Control
Lattimore Materials Co.
P.O. Box 556
McKinney, Texas 75070
Phone: 972-221-4646
Fax: 972-221-9647

LMC

Client: Jeske Construction

Date: 20-Mar-01

Project: Broadway
Addison, Texas

Materials:

Cement:	ASTM C-150, Type I
Flyash:	ASTM C-618, Class C
Coarse Agg.:	ASTM C-33, 1"- #4 Crushed Stone
Fine Agg.:	ASTM C-33, Concrete Sand
Admixtures:	ASTM C-494, Type A or D
	ASTM C-260

1 Cubic Yard By Weight - SSD

Mix No.	38	42	44
Strength @ 28 Days	3000	4000	4500
	Air	Air	Air
Cement, lbs	470	564	611
Fly Ash, lbs	0	0	0
C. Agg., lbs	1850	1850	1850
Sand, lbs	1437	1332	1306
Water, lbs	227	237	232
W/R, oz	14.1	16.9	18.3
AEA, oz	3.1	3.7	4.0
Total Weight	3984	3983	3989
Unit Wt, #/CF	147.56	147.52	148.11
W/C Ratio, #/ #	0.48	0.42	0.38
Fly Ash, %	0	0	0
Maximum Temp. deg.	95	95	95
Slump, inches	3-5	3-5	3-5
Air, % entrained	3-5	3-5	3-5

Lattimore Ready Mix guarantees the above mix design will achieve the specified strength when tested and evaluated in accordance with ASTM C-172, C-31, C-39 and C-94 and when the recommended procedures for placement and curing outlined in ACI 305/306 are followed.

In accordance with ASTM C-94, Lattimore Materials Co. requests that copies of all strength tests be forwarded to our Quality Control Department.

ND

Lattimore Materials Company
P.O. Box 556 · McKinney, Texas 75070-0556
(972) 221-4646 · (972) 569-4646
www.lmctx.com

LMC

MIX NO.: 38

DESIGN STRENGTH: 3000

	Date	Slump	Air	Temp	7 Day	7 Day	Avg.	28 Day	28 Day	Avg.	Avg./3	Range	7-28 Gain
1	02-Nov-00	4.50		80	3620		3620	4040	4030	4035		10	1.11
2	02-Nov-00	5.00		82	3540		3540	4020	4010	4015		10	1.13
3	15-Nov-00	6.75		58	3640		3640	4550	4580	4565	4205	30	1.25
4	15-Nov-00	6.50		57	2800		2800	3870	3930	3900	4160	60	1.39
5	15-Nov-00	6.50		59	2720		2720	3910	3870	3890	4118	40	1.43
6	15-Nov-00	5.00		60	3080		3080	3990	4170	4080	3957	180	1.32
7	15-Nov-00	4.75		60	3270		3270	4710	4660	4685	4218	50	1.43
8	22-Nov-00	4.50		64	2930		2930	4170	4010	4090	4285	160	1.40
9	22-Nov-00	5.50		58	2790		2790	3850	3880	3865	4213	30	1.39
10	22-Nov-00	5.00		58	3380		3380	4080	3960	4020	3992	120	1.19
11	22-Nov-00	5.00		56	2970		2970	3850	3690	3770	3885	160	1.27
12	22-Nov-00	4.75		59	3210		3210	3960	4140	4050	3947	180	1.26
13	30-Nov-00	4.50		36	3690		3690	4110	4440	4275	4032	330	1.16
14	30-Nov-00	4.00		35	4580		4580	4860	5190	5025	4450	330	1.10
15	30-Nov-00	4.50		37	4150		4150	5020	5190	5105	4802	170	1.23
16	30-Nov-00	5.00	3.0	42	4360		4360	5230	5270	5250	5127	40	1.20
17	01-Dec-00	6.00	4.0	65	4110		4110	4950	4560	4755	5037	390	1.16
18	01-Dec-00	4.00	4.0	67	4200		4200	5040	5140	5090	5032	100	1.21
19	07-Dec-00	5.00	2.9	53	4250		4250	4620	4700	4660	4835	80	1.10
20	07-Dec-00	4.25	3.0	56	4640		4640	5140	5170	5155	4968	30	1.11
21	07-Dec-00	5.25	3.0	57	4380		4380	4960	4790	4875	4897	170	1.11
22	07-Dec-00	4.50	2.9	55	4530		4530	5260	5080	5170	5067	180	1.14
23	15-Dec-00	4.25	2.4	53	4190		4190	5360	5410	5385	5143	50	1.29
24	15-Dec-00	3.25	2.3	54	4870		4870	5710	5950	5830	5462	240	1.20
25	15-Dec-00	5.00	2.9	58	4360		4360	4790	4710	4750	5322	80	1.09
26	15-Dec-00	5.00	2.6	56	3740		3740	5050	4790	4920	5167	260	1.32
27	15-Dec-00	5.00	2.6	65	3420		3420	4230	4300	4265	4645	70	1.25
28	15-Dec-00	5.25	2.8	52	3470		3470	4620	4660	4640	4608	40	1.34
29	15-Dec-00	5.50	3.0	66	3410		3410	4340	4480	4410	4438	140	1.29
30	15-Dec-00	5.50	3.0	58	3220		3220	4260	4230	4245	4432	30	1.32
31	15-Dec-00	5.00	3.0	60	3350		3350	4220	4290	4255	4303	70	1.27
32	19-Dec-00	4.50	6.0	68	3980		3980	5260	4420	4840	4447	840	1.22
33	19-Dec-00	5.00	5.8	64	3880		3880	4660	4750	4705	4600	90	1.21
34	19-Dec-00	6.00	4.8	58	3290		3290	3940	4090	4015	4520	150	1.22
35	19-Dec-00	5.25	4.9	59	3360		3360	4460	3790	4125	4282	670	1.23
36	19-Dec-00	5.00	6.0	58	4000		4000	4500	4860	4680	4273	360	1.17
37	19-Dec-00	5.25	6.1	59	3750		3750	4490	4700	4595	4467	210	1.23
38	19-Dec-00	5.50	6.0	55	3740		3740	4680	4670	4775	4683	210	1.28
39	20-Dec-00	4.75	5.2	56	3140		3140	4340	4220	4280	4550	120	1.36
40	20-Dec-00	4.00	6.2	57	3410		3410	4590	4540	4565	4540	50	1.34
41	20-Dec-00	5.00	5.8	54	3350		3350	4300	4400	4350	4398	100	1.30
42	21-Dec-00	5.25	5.9	56	3630		3630	4330	4060	4195	4370	270	1.16

Lattimore Materials Company
P.O. Box 556 · McKinney, Texas 75070-0556
(972) 221-4646 · (972) 569-4646
www.lmctx.com

LMC

MIX NO.: 38

DESIGN STRENGTH: 3000

	Date	Slump	Air	Temp	7 Day	7 Day	Avg.	28 Day	28 Day	Avg.	Avg./3	Range	7-28 Gain
43	21-Dec-00	5.00	6.0	60	3540		3540	4300	4170	4235	4260	130	1.20
44	21-Dec-00	5.00	2.0	56	3460		3460	4810	4920	4865	4432	110	1.41
45	21-Dec-00	5.50	4.5	57	3840		3840	4960	4690	4825	4642	270	1.26
46	21-Dec-00	5.00	4.5	58	3550		3550	4700	4680	4690	4793	20	1.32
47	22-Dec-00	6.00	4.0	58	3600		3600	4570	4650	4610	4708	80	1.28
48	22-Dec-00	6.00	3.5	58	3220		3220	4560	4420	4490	4597	140	1.39
49	22-Dec-00	6.00	4.2	58	3610		3610	4590	4270	4430	4510	320	1.23
50	08-Jan-01	4.00	3.0	42	3600		3600	4400	4190	4295	4405	210	1.19
51	08-Jan-01	4.50	3.5	46	2270		2270	4860	4630	4745	4490	230	2.09
52	08-Jan-01	5.00	3.8	45	3000		3000	3830	3770	3800	4280	60	1.27
		5.02	4.0	57			3617			4522		163	1.27
STD. DEV.										451			

ACI 318-5.3.1.2 REQUIREMENTS:

(5.1) f'cr = f'c + 1.34s — 3605

(5.2) f'cr = f'c + 2.33s - 500 — 3552

Lattimore Materials Company
P.O. Box 556 · McKinney, Texas 75070-0556
(972) 221-4646 · (972) 569-4646
www.lmctx.com

LMC

MIX NO.: 42

DESIGN STRENGTH: 4000

	Date	Slump	Air	Temp	7 Day	7 Day	Avg.	28 Day	28 Day	Avg.	Avg./3	Range	7-28 Gain
1	27-Jul-00	5.00	5.3	95	3780		3780	4450	4570	4510		120	1.19
2	04-Aug-00	5.00	4.6	96	3220		3220	4230	4000	4115		230	1.28
3	04-Aug-00	5.25	5.3	98	3300		3300	4120	4240	4180	4268	120	1.27
4	09-Aug-00	5.00	5.2	96	3950		3950	4990	4600	4795	4363	390	1.21
5	10-Aug-00	5.25	4.9	95	3540		3540	4220	4280	4250	4408	60	1.20
6	22-Aug-00	5.00	5.9	95	3650		3850	4170	4290	4230	4425	120	1.16
7	25-Aug-00	5.50	4.2	94	4010		4010	4630	4640	4635	4372	10	1.16
8	28-Aug-00	4.75	4.6	97	3380		3380	4670	4500	4585	4483	170	1.36
9	06-Sep-00	5.00	3.3	87	3760		3760	4580	4520	4550	4590	60	1.21
10	11-Sep-00	5.50	6.3	97	3720		3720	4800	4590	4695	4610	210	1.26
11	11-Sep-00	5.00	5.9	92	4020		4020	4590	4650	4620	4622	60	1.15
12	12-Sep-00	5.00	4.6	93	3620		3620	4520	4170	4345	4553	350	1.20
13	15-Sep-00	5.00	5.2	91	4370		4370	5050	5260	5155	4707	210	1.18
14	20-Sep-00	4.75	4.2	98	3030		3030	4760	4960	4860	4787	200	1.60
15	25-Sep-00	5.00	5.6	81	3850		3850	4880	4790	4835	4950	90	1.26
16	25-Sep-00	4.75	5.1	83	3670		3670	4840	4650	4745	4813	190	1.29
17	28-Sep-00	5.00	5.2	77	2980		2980	4250	4430	4340	4640	180	1.46
18	05-Oct-00	6.50	5.7	85	3600		3600	4860	4880	4870	4652	20	1.35
19	06-Oct-00	5.25	6.0	80	3530		3530	4790	4870	4830	4680	80	1.37
20	13-Oct-00	5.00	2.2	75	3510		3510	4400	4500	4450	4717	100	1.27
21	13-Oct-00	4.75	3.4	79	3460		3460	3870	4170	4020	4433	300	1.16
22	20-Oct-00	5.75		75	3600		3600	4710	4570	4640	4370	140	1.29
23	20-Oct-00	6.00		78	3770		3770	4500	4390	4445	4368	110	1.18
24	20-Oct-00	5.50		76	3700		3700	4460	4300	4380	4488	160	1.18
25	25-Oct-00	4.50	2.5	82	2970		2970	3900	4160	4030	4285	260	1.36
26	26-Oct-00	4.00	5.4	75	3700		3700	4540	4570	4555	4322	30	1.23
27	03-Nov-00	6.00	4.5	75	4070		4070	4700	4440	4570	4385	260	1.12
28	03-Nov-00	6.50	4.0	74	4450		4450	5080	5450	5265	4797	370	1.18
29	10-Nov-00	5.25	3.4	63	3860		3860	4810	4850	4830	4888	40	1.25
30	22-Nov-00	5.25	4.4	60	4750		4750	5660	5740	5700	5265	80	1.20
31	22-Nov-00	4.75	4.4	60	4470		4470	5570	5630	5600	5377	60	1.25
32	22-Nov-00	5.00	4.5	61	4250		4250	5230	5170	5200	5500	60	1.22
33	30-Nov-00	5.00	6.1	60	4110		4110	4790	4770	4780	5193	20	1.16
34	07-Dec-00	5.00	6.1	60	4350		4350	5490	5420	5455	5145	70	1.25
35	07-Dec-00	5.25	5.4	51	4300		4300	5130	5170	5150	5128	40	1.20
36	07-Dec-00	5.00	6.0	56	3410		3410	4490	4400	4445	5017	90	1.30
37	08-Dec-00	5.50	3.0	53	4110		4110	5180	5080	5130	4908	100	1.25
38	08-Dec-00	4.75	2.0	50	4150		4150	5390	5570	5480	5018	180	1.32
39	08-Dec-00	4.75	2.4	55	3930		3930	4760	5160	4960	5190	400	1.26
40	08-Dec-00	4.50	3.5	56	4340		4340	5420	5780	5600	5347	360	1.29
41	15-Dec-00	5.25	4.4	55	4190		4190	5380	5470	5425	5328	90	1.29
42	15-Dec-00	5.00	5.2	56	4270		4270	5140	5360	5250	5425	220	1.23

Lattimore Materials Company
P.O. Box 556 · McKinney, Texas 75070-0556
(972) 221-4646 · (972) 569-4646
www.lmctx.com

LMC

MIX NO.: 42

DESIGN STRENGTH: 4000

	Date	Slump	Air	Temp	7 Day	7 Day	Avg.	28 Day	28 Day	Avg.	Avg./3	Range	7-28 Gain
43	19-Dec-00	5.00	5.7	47	4000		4000	4650	4940	4795	5157	290	1.20
44	29-Dec-00	5.00	5.2	59	3850		3850	5080	4720	4880	4978	340	1.27
45	29-Dec-00	4.75		62	4370		4370	5360	5030	5195	4960	330	1.19
46	05-Jan-01	5.25	4.3	55	3010		3010	4980	4990	4985	5023	10	1.66
47	05-Jan-01	5.50	4.0	56	3940		3940	4810	4540	4675	4952	270	1.19
48	05-Jan-01	5.50	4.1	57	3240		3240	4790	4780	4785	4815	10	1.48
49	05-Jan-01	5.25	4.3	58	4320		4320	5500	5550	5525	4995	50	1.28
50	05-Jan-01	5.00	4.2	48	3980		3980	5140	5150	5145	5152	10	1.29
51	05-Jan-01	5.25	4.0	58	4110		4110	5100	5160	5130	5267	60	1.25
		5.14	4.6	73			3834			4816		153	1.26

STD. DEV. 433

ACI 318-5.3.1.2 REQUIREMENTS:

(5.1) $f_{cr} = f_c + 1.34s$ 4580

(5.2) $f_{cr} = f_c + 2.33s - 500$ 4508

Lattimore Materials Company
P.O. Box 556 · McKinney, Texas 75070-0556
(972) 221-4646 · (972) 569-4646
www.lmctx.com

LMC

MIX NO.: 44

DESIGN STRENGTH: 4500

	Date	Slump	Air	Temp	7 Day	7 Day	Avg.	28 Day	28 Day	Avg.	Avg./3	Range	7-28 Gain
1	27-Jul-99	5.50	4.5	88	4020		4020	4790	5110	4950		320	1.23
2	27-Jul-99	5.50	4.6	89	4100		4100	5180	5280	5230		100	1.26
3	27-Jul-99	5.50	4.5	88	4220		4220	5120	5080	5090	5090	80	1.21
4	27-Jul-99	5.50	4.5	88	4140		4140	4960	4880	4920	5080	80	1.19
5	27-Jul-99	5.50	4.5	90	3930		3930	4880	4990	4935	4982	110	1.26
6	27-Jul-99	5.00	4.5	92	3610		3810	4510	4720	4615	4823	210	1.26
7	27-Jul-99	5.00	4.5		3530		3530	4630	4670	4650	4733	40	1.32
8	14-Aug-99	5.50	4.5	82	4400		4400	5320	5130	5225	4830	190	1.19
9	14-Aug-99	5.50	4.5	82	4990		4990	5510	5290	6400	5092	220	1.08
10	14-Aug-99	5.75	4.5	82	4220		4220	5370	5290	5330	5318	80	1.26
11	14-Aug-99	5.50	4.5	83	4640		4840	4970	5080	5025	5252	110	1.08
12	14-Aug-99	5.75	4.5	84	4350		4350	5290	5290	5290	5215	0	1.22
13	14-Aug-99	5.50	4.5	84	4470		4470	5350	5400	5375	5230	50	1.20
14	16-Aug-99	5.50		84	3980		3980	4980	5270	5125	5263	290	1.29
15	16-Aug-99	5.50		86	4190		4190	5060	4960	5010	5170	100	1.20
16	17-Aug-99	5.00	4.5		3960		3960	4720	4820	4770	4968	100	1.20
17	18-Aug-99	5.50	4.5	89	3620		3620	4710	4650	4680	4820	60	1.29
18	07-Sep-99	5.25	4.0	80	5290		5290	6460	6150	6305	5252	310	1.19
19	07-Sep-99	5.50	4.5	80	5760		5760	6410	6490	6450	5812	80	1.12
20	07-Sep-99	5.00		81	4710		4710	5820	5950	5885	6213	130	1.25
21	07-Sep-99	5.75		81	4810		4810	6100	5850	5975	6103	250	1.24
22	07-Sep-99	5.00	4.7	82	4800		4800	6000	6150	6075	5978	150	1.27
23	07-Sep-99	5.50		86	4880		4880	6150	6010	6080	6043	140	1.25
24	07-Sep-99	5.50		87	4810		4610	5470	5440	5455	5870	30	1.18
25	07-Sep-99	5.25	4.5	86	4430		4430	5650	5740	5695	6743	90	1.29
26	08-Sep-99	5.50	4.5	72	4070		4070	4980	5120	5050	5400	140	1.24
27	08-Sep-99	5.25		72	4430		4430	5320	5020	5170	5305	300	1.17
28	08-Sep-99	5.00	4.8	73	3850		3850	6160	6360	6260	5493	200	1.63
29	08-Sep-99	5.00		76	5360		5380	5780	6060	5920	5783	280	1.10
30	08-Sep-99	5.50		76	4850		4850	5980	5760	5870	6017	220	1.21
31	08-Sep-99	5.00		80	5150		5150	5990	6070	6030	5940	80	1.17
32	08-Sep-99	5.50		81	4220		4220	5320	5370	5345	5748	50	1.27
33	08-Sep-99	5.25		84	4170		4170	4930	5220	5075	5483	290	1.22
34	12-Sep-99	5.50	4.5	79	5010		5010	5760	6230	5995	5472	470	1.20
35	12-Sep-99	5.00	4.8	79	5260		5260	6510	6400	6465	6842	110	1.23
36	12-Sep-99	5.50	5.0	82	5140		5140	6230	6180	6205	6218	50	1.21
37	12-Sep-99	5.50	4.7	82	5310		5310	6020	6220	6120	6260	200	1.15
38	20-Sep-99	3.50		73	5560		5560	6280	6130	6205	6177	150	1.12
		5.32	4.5	82			4527			5506		154	1.22

STD. DEV. 559

ACI 318-5.3.1.2 REQUIREMENTS:

(5.1) f'cr = f'c + 1.34s 5248

(5.2) f'cr = f'c + 2.33s - 500 5301

Lattimore Materials Company
P.O. Box 556 · McKinney, Texas 75070-0556
(972) 221-4646 · (972) 569-4646
www.lmctx.com

Hooper Engineering Laboratories, Inc.

Construction Materials Testing

REPORT OF ANALYSIS OF CONCRETE AGGREGATES

CLIENT: Lattimore Materials Co., L.P. DATE: 4 December 2000

PROJECT: General Use

SAMPLES: Submitted to Hooper Engineering Laboratories, Inc. on 11/18/00 by Lattimore Materials Co., L.P.

SUPPLIER: Lattimore (Bridgeport)

RETAINED ON SIEVE SIZE	CRUSHED STONE 1" - #4	ASTM C33, #57 REQUIREMENTS
1-1/2"	0%	0
1"	2	0 - 5
3/4"	19	
1/2"	57	40 - 75
3/8"	81	
No. 4	98	90 - 100
No. 8	99	95 - 100
No. 16		
No. 30		
No. 50		
No. 100		
FINENESS MODULUS	6.97	
SPECIFIC GRAVITY	2.68	
FINER THAN NO. 200 SIEVE, %	0.2%	1.0% Max.
DRY RODDED WEIGHT, PCF	101.5	
ABSORPTION,	0.5%	

TECHNICIAN: RDG

DISTRIBUTION: (2) Lattimore Materials Co., L.P., Curtis Lee

Gene Bowman

2870 Walnut Hill Lane Dallas, Texas 75229 (214) 351-6419 Fax (214) 351-5148

Hooper Engineering Laboratories, Inc.

Construction Materials Testing

REPORT OF ANALYSIS OF CONCRETE AGGREGATES

CLIENT: Lattimore Materials Co., L.P. DATE: 4 December 2000

PROJECT: General Use

SAMPLES: Submitted to Hooper Engineering Laboratories, Inc. on 11/18/00 by Lattimore Materials Co., L.P.

SUPPLIER: Lattimore (Ennis)

RETAINED ON SIEVE SIZE	NATURAL SAND 0 - #4	ASTM C33 REQUIREMENTS
1-1/2"		
1"		
3/4"		
1/2"	0%	0
3/8"	2	0 - 5
No. 4	10	0 - 20
No. 8	21	15 - 50
No. 16	45	40 - 75
No. 30	79	70 - 95
No. 50	99	90 - 100
No. 100		
FINENESS MODULUS	2.56	2.3 to 3.1
SPECIFIC GRAVITY	2.63	
FINER THAN NO. 200 SIEVE	0.5%	Max. 5.0%
DRY RODDED WEIGHT, PCF	101.3	
ABSORPTION	1.3%	

TECHNICIAN: RDG

DISTRIBUTION: (2) Lattimore Materials Co., L.P., Curtis Lee

Gene Bean

2870 Walnut Hill Lane Dallas, Texas 75229 (214) 351-6419 Fax (214) 351-5148

Sika® AEA-15

Air Entraining Admixture

DESCRIPTION

Sika AEA-15 admixture is a liquid solution of concentrated organic materials. It has been formulated and manufactured specifically to provide stable and predictable air contents in concrete, with uniform air bubble spacing throughout the concrete matrix.

Sika AEA-15 meets the requirements of ASTM C-260 for air entraining admixtures and AASHTO M-154

APPLICATIONS

Sika AEA-15 can be used whenever air entrained concrete is desired. Ready-mix, precast and block producers can all achieve optimum entrained air contents, even where harsh mixes are used or fly-ash is added to the mix.

ADVANTAGES

Air entrainment is recognized as the most effective prevention against concrete scaling in exposed environments. Air entrained concrete delivers particular benefits in the form of increased concrete durability. This is important in colder climates where frost and freeze-thaw cycles can cause scaling and damage to the concrete surface.

Air entraining agents help to prevent scaling by creating millions of microscopic air voids, allowing water trapped in the concrete to expand when the concrete freezes, thus preventing cracks caused by natural expansion. Entrained air voids in the concrete will also increase durability in harsh environments where concrete is exposed to deicing salts, marine salts and sulfates.

Workability and placeability are also improved by the lubricating action of the microscopic bubbles in the concrete. Concrete will flow better, and bleeding and shrinkage will be reduced because less water is needed to obtain the desired workability.

HOW TO USE

DOSAGE

Addition rates will vary depending on the air content required for a particular project. Typically air contents will be specified in the range of 4 to 8 percent by volume. Other factors that may affect the amount of air entrained into the concrete include, but are not limited to, cement content and type, sand gradation, temperature and water content. Sika recommends that trial mixes be tested whenever material or any other changes are made that may affect the amount of entrained air.

Dosage rates for Sika AEA-15 will typically fall between 1/4 and 1 fl. oz./100 lbs. (16 - 65 ml/100 kg) of cement to entrain between 4 and 6 percent air. Higher air contents may be obtained by increasing the dosage rate.

Combination with other admixtures, particularly water reducers and retarders, will tend to increase the amount of entrained air in the mix. Air contents should be checked with an air-meter after batching and dosage adjustments made at the concrete plant.

MIXING

Measure the required quantity per batch manually or with automatic dispenser equipment. Add Sika AEA-15 to mixing water or sand. Do not mix with dry cement. When used in combination with other admixtures, care must be taken to dispense each admixture separately into the mix.

PACKAGING

Sika AEA-15 is supplied in 55 gallon (208 liter) drums and bulk delivery.

STORAGE AND SHELF LIFE

Sika AEA-15 should be stored at above 35°F (2°C). If frozen, thaw and agitate thoroughly to return to its normal state before use.

Shelf life when stored in dry warehouse conditions between 50°F and 80°F (10°C-27°C) is 1 year minimum.

CAUTION

Skin and eye irritant: avoid contact. The use of NIOSH/MSHA approved respirator, safety goggles and rubber gloves is recommended. Avoid breathing product. Use with adequate ventilation. Remove contaminated clothing.

FIRST AID

Wash skin with soap and water. In case of eye contact, flush with water for 15 minutes; contact a physician. Wash clothing before re-use.

CLEAN UP

Contain and collect with absorbent material. Dispose of in accordance with local, state and federal regulations.

TYPICAL DATA FOR SIKA AEA-15	
ASTM CERTIFICATION	C-260 Air Entraining Admixtures
COLOR	Brown
SPECIFIC GRAVITY g/ml	1.02 ± 0.02
pH	>8
CHLORIDES %	<0.1

Plastocrete® 161

1/97

Water Reducing Admixture (Type A)

DESCRIPTION

Plastocrete 161 is a polymer-type water-reducing admixture. Plastocrete 161 contains no chlorides.

Plastocrete 161 meets the requirements of ASTM C-494 Type A and AASHTO M194 Type A.

APPLICATIONS

Plastocrete 161 is recommended for use in all applications where high quality concrete with superior workability and normal setting times is required.

HOW IT WORKS

Plastocrete 161 water reducing admixture provides an economical and highly effective means of reducing the amount of mixing water required to produce concrete of a certain slump by acting as a dispersant for the cement particles in the mix.

Through this dispersing action more of the surface area of the cement particles is available for early hydration. The more cement particles hydrated by contact with the mixing water, the greater the compressive strength of the concrete.

ADVANTAGES

Plastocrete 161 is formulated as a Type A water reducer to allow 7 - 10% water reduction and maximize the benefits of increased hydration in both the hardened and plastic states.

BENEFITS

- ▲ Reduced water content required to achieve desired slump, increases compressive and flexural strengths and allows the use of more economical mixes.
- ▲ Improved paste quality makes concrete easier to pump and finish.
- ▲ Consistent normal setting times throughout the recommended dosage.
- ▲ Lower water cement ratios provide decreased permeability and increased durability.

Combination with other Admixtures:
Plastocrete 161 works effectively as a single admixture or in combination with other admixtures in the Sika System. When air entrained concrete is specified, Sika recommends the use of Sika air entraining agents.

HOW TO USE

DOSAGE

Addition rates of 3 - 6 fl. oz./100 lbs. (195 - 390 ml/100 kg) of cement are recommended for general concrete applications where normal setting characteristics are desired.

MIXING

Plastocrete 161 is added at the concrete plant. Measure required quantity manually or by automated dispenser. Add into the sand at the weigh hopper or into the water line at the batch plant.

When used in combination with other admixtures, care must be taken to dispense each admixture separately into the mix. Do not mix with dry cement.

PACKAGING

Plastocrete 161 is supplied in 55 gallon (208 liter) drums and bulk delivery.

STORAGE AND SHELF-LIFE

Plastocrete 161 should be stored at above 35°F (2°C). If frozen, thaw and agitate thoroughly to return to normal state before use.

Shelf life when stored in dry warehouse conditions between 50°F and 80°F (10°C - 27°C) is one year minimum.

CAUTION

Skin and eye irritant; avoid contact. The use of NIOSH/MSHA approved respirator, safety goggles and rubber gloves is recommended. Avoid breathing product. Use with adequate ventilation. Remove contaminated clothing.

FIRST AID

Wash skin with soap and water. In case of eye contact, flush with water for 15 minutes; contact a physician. Wash clothing before re-use.

CLEAN UP

Contain and collect with absorbent material. Dispose of in accordance with local, state and federal regulations.

TYPICAL DATA FOR PLASTOCRETE 161

ASTM CERTIFICATION	ASTM C-494 Type A
COLOR	Brown
SPECIFIC GRAVITY g/ml	1.17 ± 0.05
pH	>8
CHLORIDES %	<0.1

Plastiment

1/97

Water Reducing and Retarding Admixture (Types B & D)

DESCRIPTION

Plastiment is a water-reducing and retarding admixture. Plastiment contains no calcium chloride or any other intentionally added chlorides.

Plastiment meets the requirements of ASTM C-494 Types B and D and AASHTO M194 Types B and D.

APPLICATIONS

Plastiment is recommended for use whenever high quality concrete with predictable and controlled set times is desired. Use in flatwork and horizontal or vertical slipform placements where a superior surface finish is required.

ADVANTAGES

Plastiment is highly effective in hot weather concreting to offset the accelerating effects of high ambient temperatures by controlling the heat of hydration. Concrete workability is enhanced and a superior surface finish is obtained.

BENEFITS

- ▲ In mass concrete pours Plastiment controls temperature rise and reduces the risk of thermal cracking.
- ▲ Initial set times are delayed, allowing time for proper placement and finishing without cold joints in hot weather conditions.
- ▲ Plastiment increases concrete density and delivers increased early and ultimate, compressive and flexural strengths.
- ▲ For flatwork applications Plastiment acts as a finishing aid, workability is improved, bleeding is controlled and a superior surface finish is obtained.
- ▲ Lower water cement ratios provide decreased permeability and increased durability.

Combination with other Admixtures: Plastiment works effectively as a single admixture or in combination with other admixtures in the Sika System.

PACKAGING

Plastiment is supplied in 55 gallon (208 liter) drums and bulk delivery.

STORAGE AND SHELF-LIFE

Plastiment should be stored at above 30°F (-1°C). If frozen, thaw and agitate thoroughly to return to normal state before use.

Shelf life when stored in dry warehouse conditions between 50°F and 80°F (10°C-27°C) is one year minimum.

HOW TO USE

DOSAGE

Addition rates of 2 - 4 fl. oz./100 lbs. (130-260 ml/100 kg) cement are recommended for general concrete applications. Where extended retardation is required dosage may be increased. Please contact your local Sika Representative for information and assistance.

MIXING

Add Plastiment at the concrete plant. Measure required quantity manually or by automated dispenser. Add into the sand at the weigh hopper or into the water line at the batch plant.

When used in combination with other admixtures, care must be taken to dispense each admixture separately into the mix. Do not mix with dry cement.

CAUTION

Skin and eye irritant; avoid contact. The use of NIOSH/MSHA approved respirator, safety goggles and rubber gloves is recommended. Avoid breathing product. Use with adequate ventilation. Remove contaminated clothing.

FIRST AID

Wash skin with soap and water. In case of eye contact, flush with water for 15 minutes; contact a physician. Wash clothing before re-use.

CLEAN UP

Contain and collect with absorbent material. Dispose of in accordance with local, state and federal regulations.

TYPICAL DATA FOR PLASTIMENT	
ASTM CERTIFICATION	ASTM C-494 Types B and D
COLOR	Yellow/Green
SPECIFIC GRAVITY g/ml	1.18 ± 0.5
pH	>8
CHLORIDES %	<0.1

J-M PIPE

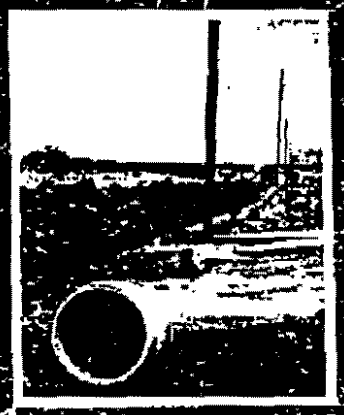
Blue Brute

Factory-installed Rings

Class 100, 150 and 200

Meets AWWA C900

Ring-Tite PVC Water pipe



For use in municipal water systems, firelines and other critical services.

Strength
Class 100, 150 and 200 Blue Brute water pipes have long-term hydrostatic strength that meet the commonly accepted high safety requirements of municipal water systems. Blue Brute conforms to cast iron O.D.'s and is available in 4", 6", 8", 10" and 12" sizes in Class 100, 150, and 200.

Meets AWWA C900
Underwriters Laboratories and NSF Listed. Factory Mutual Approved

J-M Manufacturing's Blue Brute Class 150 and 200 PVC water pipes are listed for critical use in firelines and water mains and are FM approved. Blue Brute Class 100 is intended for water mains

Light weight
A 20 foot length of Class 150, 8" Blue Brute water pipe weighs approximately 181 pounds. That makes it easy to load, easy to transport and easy to handle. Installers prefer it because it goes into the ground quickly — thus saving on installation costs

Long laying lengths
A standard laying length of Blue Brute PVC water pipe is 20 feet. That means you can cover a lot of ground during installation. At the same time, you eliminate the cost of unnecessary joints.

Corrosion resistance
Blue Brute is unaffected by electrolytic or galvanic corrosion, or any known soil or water condition. You don't have to worry about tuberculation or the need for costly lining, wrapping, coating or cathodic protection.

Quality control
Without exception, each length of pipe is hydrostatically tested and subject to inspection by our quality control inspectors throughout every step of the manufacturing process.

Flow capacity
This PVC water pipe has a smooth interior that stays smooth over long years of service with no loss in carrying capacity. Its coefficient of flow is C = 150 (H&W) — the best available in common use in water systems. This capacity often allows savings in pumping costs as well as savings on the size of pipe required.

Field cutting
You can cut Blue Brute with a powersaw or an ordinary handsaw. It eliminates the need to invest in costly cutting equipment.

Service life
Because it is nonmetallic the pipe does not lose strength due to either potable water corrosion or external galvanic or soil corrosion. And its design includes a surge allowance for a 2 ft/sec. slowdown of flow.

Ring-Tite joints with factory installed rings
Blue Brute's Ring-Tite joint can be assembled quickly. Seated in a deep groove, the flexible elastomeric ring provides a tight seal that protects the line from shock, vibration, earth movement and compensates for expansion and contraction of pipe lengths. And there's no field mixing or application of cement. It's a simple push-together joint that remains tight under normal operating conditions.

Ring-Tite joint with factory installed ring

Factory installed rubber sealing ring provides tight, flexible seal

Spigot pipe ends are supplied from factory with bevels.

The bell is an integral part of the pipe length with the same strength

Installation
Product should be installed in accordance with J-M Publication TR-7045, "Blue Brute® PVC Class Water Pipe Installation Guide."

Flow characteristics and dimensions

Flow chart

	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'
Class 100 (DR 25)										
Gals./min.	Pipe size (in.) 4	4.39 I.D.	6	6.30 I.D.	8	8.20 I.D.	10	10.16 I.D.	12	12.08 I.D.
100	2.12	0.16								
200	4.24	0.67	2.05	0.10						
300	6.35	1.21	3.07	0.21						
400	8.47	2.07	4.10	0.35	2.38	[illegible]				
500			5.12	0.53	2.98	[illegible]				
600			6.15	0.75	3.57	[illegible]	2.38	0.07		
700			7.17	0.99	4.17	0.27	2.77	0.10		
800			8.20	1.27	4.76	0.34	3.17	0.13	2.24	0.05
900			9.22	1.58	5.36	0.42	3.56	0.16	2.52	0.07
1,000					5.96	0.51	3.96	0.19	2.80	0.08
1,500					8.93	[illegible]	5.94	0.40	4.20	0.17
2,000							7.92	0.69	5.60	0.29
2,500							9.90	1.04	7.00	0.45
3,000									8.40	0.62
3,500									9.80	0.83
Class 150 (DR 18)										
Gals./min.	Pipe size (in.) 4	4.23 I.D.	6	6.09 I.D.	8	7.98 I.D.	10	9.79 I.D.	12	11.65 I.D.
100	2.28	0.19								
200	4.57	0.69	2.20	0.12						
300	6.85	1.46	3.30	0.25						
400	9.13	2.48	4.41	0.42	2.57	[illegible]				
500			5.51	0.64	3.21	[illegible]	[illegible]	0.06		
600			6.61	0.89	3.85	0.24	2.56	0.09		
700			7.71	1.18	4.49	0.32	2.98	0.12	2.11	0.05
800			8.81	1.52	5.13	0.41	3.41	0.15	2.41	0.06
900			9.91	1.89	5.77	0.51	3.84	0.19	2.71	0.08
1,000					6.41	0.61	4.26	0.23	3.01	0.10
1,500					9.62	1.30	6.39	0.40	4.51	0.21
2,000							8.52	0.87	6.02	0.35
2,500									7.52	0.53
3,000									9.03	0.74
Class 200 (DR 14)										
Gals./Min.	Pipe Size (in.) 4	4.07 I.D.	6	5.86 I.D.	8	7.68 I.D.	10	9.42 I.D.	12	11.20 I.D.
100	2.47	0.23								
200	4.93	0.83	2.38	0.14						
300	7.40	1.76	3.57	0.30	2.08	0.08				
400	9.86	2.99	4.76	0.51	2.77	[illegible]				
500			5.95	0.77	3.46	0.21	2.30	0.08		
600			7.14	1.07	4.16	0.29	2.76	0.11		
700			8.33	1.43	4.85	0.38	3.22	0.14	2.28	0.05
800			9.52	1.83	5.54	0.49	3.68	0.18	2.60	0.08
1,000					6.93	0.74	4.60	0.28	3.26	0.12
1,200							5.53	0.39	3.91	0.17
1,400							6.45	0.52	4.56	0.22
1,600							7.37	0.67	5.21	0.29
2,000							9.21	1.01	6.51	0.43
2,500									8.14	0.66
3,000									9.77	0.92

[illegible]
[illegible]

Dimensions (average)

Pipe size (in.)	Outside dia. (in.)	Nom. inside dia. (in.)**	T (min.) thick. (in.)	E dim. (in.)	D_s	Approx. Wt. lbs./ft.
Class 100 (DR 25)*						
4	4.80	4.39	.192	4.75	6.4	1.9
6	6.90	6.30	.276	5.50	8.8	3.9
8	9.05	8.28	.362	6.25	11.4	6.7
10	11.10	10.16	.444	7.00	13.0	10.1
12	13.20	12.08	.528	7.80	15.9	14.4
Class 150 (DR 18)*						
4	4.80	4.23	.267	4.75	[illegible]	2.0
6	6.90	6.09	.383	5.50	[illegible]	5.3
9	9.05	7.98	.503	6.25	11.6	9.2
10	11.10	9.79	.617	7.00	14.1	13.9
12	13.20	11.65	.733	7.80	16.7	19.7
Class 200 (DR 14)*						
4	4.80	4.07	.343	4.75	6.8	3.2
6	6.90	5.88	.493	5.50	9.4	5.7
6	9.05	7.68	.646	6.25	12.1	[illegible]
10	11.10	9.42	.793	7.00	14.3	17.6
12	13.20	11.20	.943	7.80	16.9	25.1

1-1/2" & 2" MUELLER® ORI-CORP® CORPORATION VALVES

H-15013

MUELLER® ORI CORP® Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: MUELLER® 110® Conductive Compression Connection for CTS O.D. tubing*

1 1/2"	2"

H-15023

MUELLER® ORI-CORP® Corporation Valve
Inlet: AWWA I.P. thread
Outlet: MUELLER® 110® Conductive Compression Connection for CTS O.D. tubing*

1-1/2"	2"**

P-15013

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: MUELLER Pack Joint Connection for CTS O.D. tubing*

1 1/2"	2"

P-15023

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: MUELLER Pack Joint Connection for CTS O.D. tubing*

1-1/2"	2"**

H-15014

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: F.I.P. thread

1 1/2"‡	2"‡

H-15015

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: F.I.P. thread

1-1/2"‡	2"‡

H-9968

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: M.I.P. thread

1-1/2"	2"

H-9969

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: M.I.P. thread

1-1/2"	2"**

* See charts on pages 5.10-5.13 for tubing and pipe that may be used on these connections.
** For use with Service Saddle only—cannot be reaming inserted.
‡ Requires minimum ordering quantity. Contact MUELLER Customer Service Center for minimum order requirements and availability.
NOTE: Sizes shown above represent nominal size of inlet and outlet connections.

MUELLER® Corporation Stops and Valves are manufactured and tested in accordance with ANSI/AWWA C800.

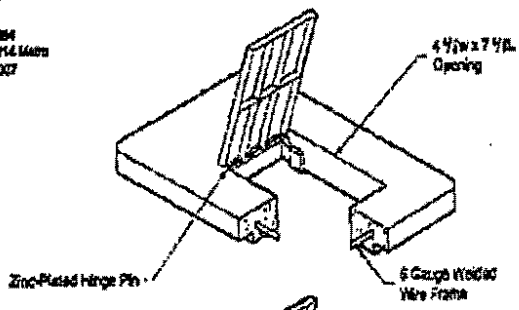
FERGUSON

DATE	TIME	TO/FROM	MODE	MIN/SEC	PGS	JOB#	STATUS
[illegible]							

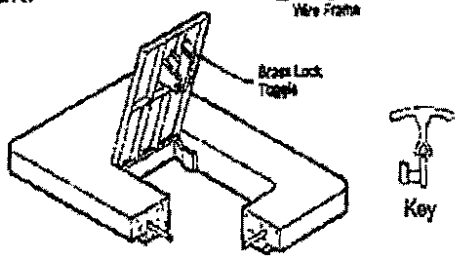
NO. 37 METER BOX
12" x 20" x 12"

PRODUCTS
1155 Heritage Parkway
Mansfield, TX 76063
PHONE: (817) 453-1284
(817) 477-3214 Metro
FAX: (817) 453-4207

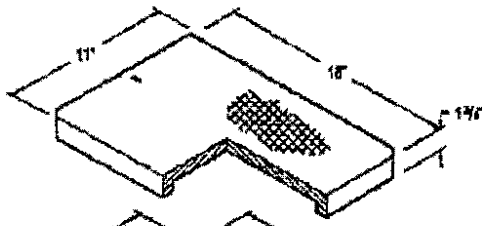
No. 37H Concrete Cover
With C.I. Hinged Lid
Weight - 39 Lbs.
Item# - 000185



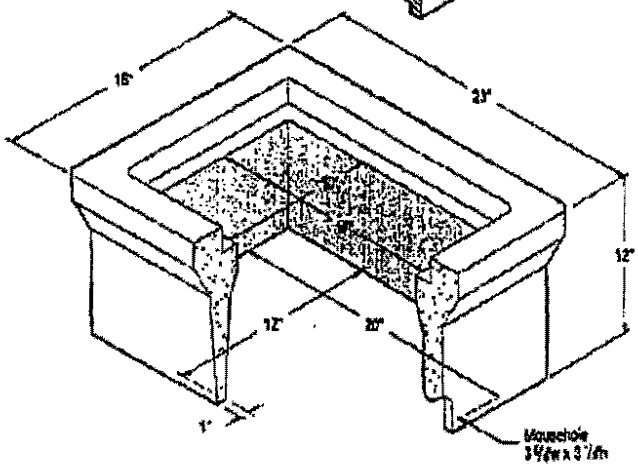
No. 37 HLD Concrete Cover
With C.I. Lid With Key
Weight - 29 Lbs.
Item# - 000190



No. 37T C.I. Cover
Weight - 25 Lbs.
Item# - 000140



No. 37 Body
Weight - 79 Lbs.
Item# - 000139



Notes:
1. Dimensions For C.I. Cover Are Typical For Comp. Cover.

SPECIFICATIONS:
Concrete: Concrete has a design strength of 3000 PSI at 28 days.
Reinforcement: WWF
C.I. Castings: ASTM A 48 Class 30/35

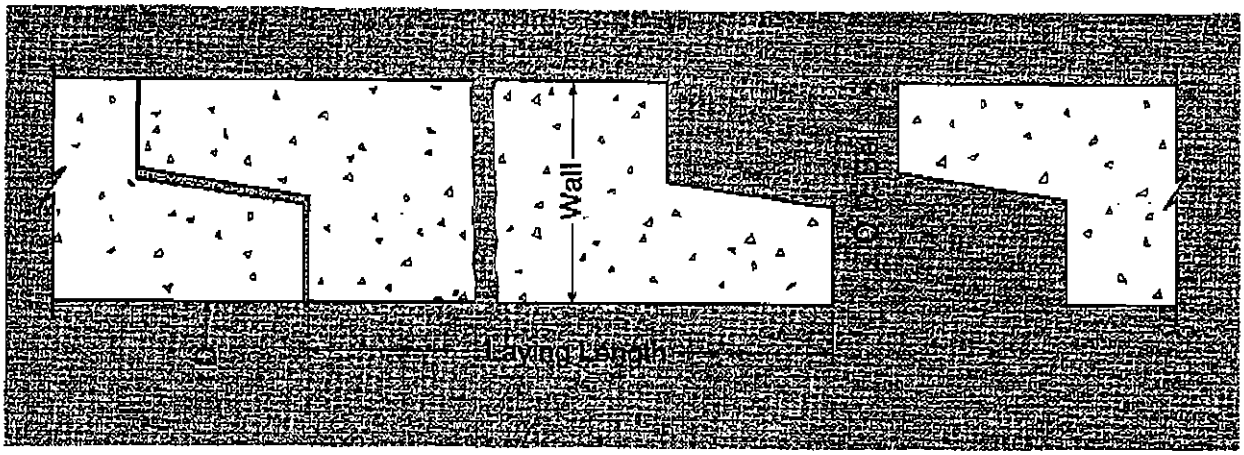
Date:	Scale:	Drawing No.:	Rev.
11/04/97	None	M3-037	A

Oldcastle Precast, Inc.
www.oldcastle-precast.com

W.2

** TOTAL PAGE.01 **

Reinforced Concrete Pipe



Basic Dimensions

I.D. Pipe (Inches)	Laying Lenght (Feet)	Wall Thickness (Inches)	Bell Diameter (Inches)	Aprox. Wt / Ft (Pounds)
12	4 - 6	2	16	92
15	4 - 6	2	19	111
18	4 - 6 - 8	2 1/2	23	168
21	4 - 6 - 8	2 3/4	26 1/2	214
24	4 - 6 - 8	3	30	265
27	4 - 6 - 8	3 1/4	33 1/2	322
30	4 - 6 - 8	3 1/2	37	384
33	4 - 6 - 8	3 3/4	40 1/2	451
36	4 - 6 - 8	4	44	524
39	*	4 1/4	47 1/2	614
42	4 - 6 - 8	4 1/2	51	685
45	*	4 3/4	54 1/2	789
48	4 - 6 - 8	5	58	885
51	*	5 1/4	61 1/2	986
54**	4 - 6 - 8	5 1/2	65	1,092
60**	4 - 6 - 8	6	72	1,322
66**	4 - 6 - 8	6 1/2	79	1,573
72	4 - 6 - 8	7	86	1,846
78	*	*	*	*
84	*	*	*	*
90	*	*	*	*
96	*	*	*	*
108	*	*	*	*
120	*	*	*	*

Note:

* - Dimensions vary; contact manufacturer.

** - Wall C available in some market areas.

-No Scale-

All dimensions subject to allowable specification tollerances.

TITLE	SECTION.PAGE	DATE	
Tongue and Groove Pipe	1.1	8-1-00	Hanson

J-M PIPE

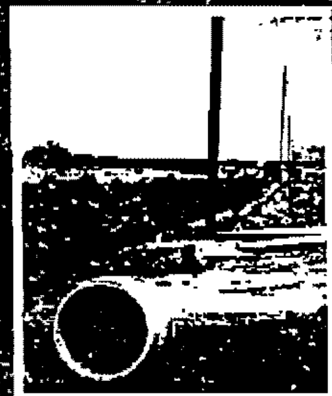
Blue Brute

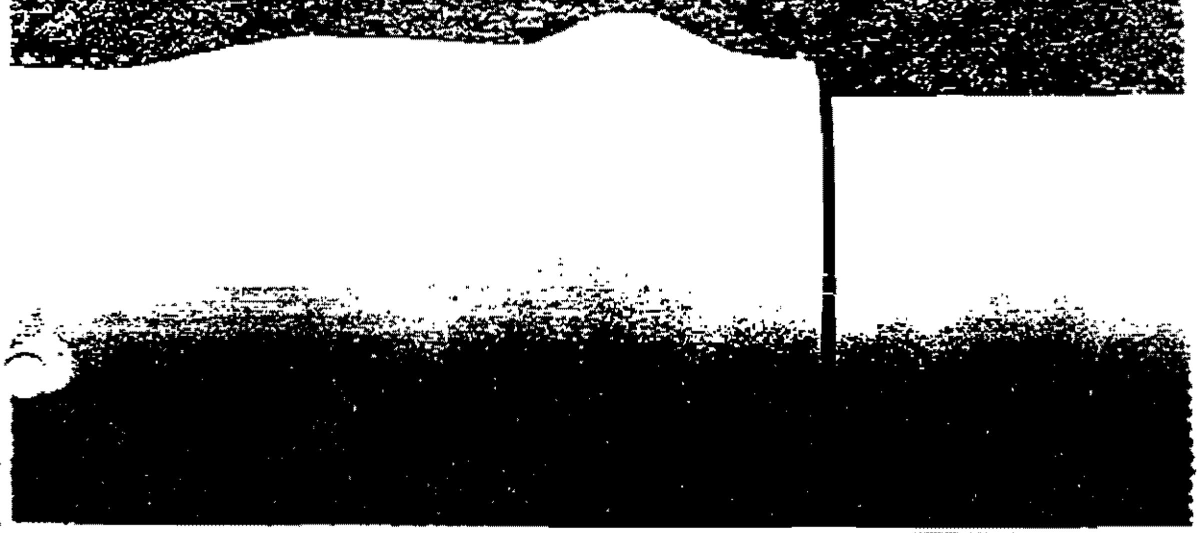
Class 100, 150 and 200

Ring-Tite® PVC water pipe.

Factory-Installed Rings

Meets: AWWA C900





For use in municipal water systems, firelines and other critical services.

Strength
Class 100, 150 and 200 Blue Brute water pipes have long-term hydrostatic strength that meet the commonly accepted high safety requirements of municipal water systems. Blue Brute conforms to cast iron O.D.'s and is available in 4", 6", 8", 10" and 12" sizes in Class 100, 150, and 200.

Meets AWWA C900
Underwriters Laboratories and NSF Listed. Factory Mutual Approved
J-M Manufacturing's Blue Brute Class 150 and 200 PVC water pipes are listed for critical use in firelines and water mains and are F/M approved. Blue Brute Class 100 is intended for water mains.

Lightweight
A 20 foot length of Class 150, 8" Blue Brute water pipe weighs approximately 191 pounds. That makes it easy to load, easy to transport and easy to handle. Installers prefer it because it goes into the ground quickly — thus saving on installation costs.

Long laying lengths
A standard laying length of Blue Brute PVC water pipe is 20 feet. That means you can cover a lot of ground during installation. At the same time, you eliminate the cost of unnecessary joints.

Corrosion resistance
Blue Brute is unaffected by electrolytic or galvanic corrosion, or any known soil or water condition. You don't have to worry about tuberculation, or the need for costly lining, wrapping, coating or cathodic protection.

Quality control
Without exception, each length of pipe is hydrostatically tested and subject to inspection by our quality control inspectors throughout every step of the manufacturing process.

Flow capacity
This PVC water pipe has a smooth interior that stays smooth over long years of service with no loss in carrying capacity. Its coefficient of flow is C = 150 (H&W) — the best available in common use in water systems. This capacity often allows savings in pumping costs as well as savings on the size of pipe required.

Field cutting
You can cut Blue Brute with a powersaw or an ordinary handsaw. It eliminates the need to invest in costly cutting equipment.

Service life
Because it is nonmetallic, the pipe does not lose strength due to either potable water corrosion or external galvanic or soil corrosion. And its design includes a surge allowance for a 2 ft./sec. stoppage of flow.

Ring-Tite joints with factory installed rings
Blue Brute's Ring-Tite joint can be assembled quickly. Seated in a deep groove, the flexible elastomeric ring provides a tight seal that protects the line from shock, vibration, earth movement and compensates for expansion and contraction of pipe lengths. And there's no field mixing or application of cement. It's a simple push-together joint that remains tight under normal operating conditions.

Ring-Tite joint with factory installed ring

factory installed rubber sealing ring provides tight, flexible seal

Spigot pipe ends are supplied from factory with bevels.

The bell is an integral part of the pipe length with the same strength

Installation
Product should be installed in accordance with J-M Publication TR-7048, "Blue Brute® PVC Class Water Pipe Installation Guide."

Flow characteristics and dimensions

Flow chart

Class 100 (DR 25)

Gals/ min.	Pipe size (in.) 4	4.39 I.D.	6	6.30 I.D.	8	8.28 I.D.	10	10.16 I.D.	12	12.08 I.D.
	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'
100	2.12	0.16								
200	4.24	0.67	2.05	0.10						
300	6.35	1.21	3.07	0.21						
400	8.47	2.07	4.10	0.36	2.38	[illegible]				
500			5.12	0.53	2.98	[illegible]				
600			6.15	0.75	3.57	0.22	2.38	0.07		
700			7.17	0.99	4.17	0.27	2.77	0.10		
800			8.20	1.27	4.76	0.34	3.17	0.13	2.24	0.05
900			9.22	1.58	5.36	0.42	3.56	0.16	2.52	0.07
1,000					5.96	0.51	3.96	0.19	2.80	0.08
1,500					8.93	[illegible]	5.94	0.40	4.20	0.17
2,000							7.93	0.69	5.60	0.29
2,500							9.90	1.04	7.00	0.45
3,000									8.40	0.62
3,500									9.80	0.83

Class 150 (DR 18)

Gals/ min.	Pipe size (in.) 4	4.23 I.D.	6	6.09 I.D.	8	7.98 I.D.	10	9.79 I.D.	12	11.65 I.D.
	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'
100	2.28	0.19								
200	4.57	0.69	3.20	0.12						
300	6.85	1.46	4.80	0.25						
400	9.13	2.48	6.41	0.42	3.57	[illegible]				
500			8.01	0.64	4.47	[illegible]	3.13	0.06		
600			9.61	0.89	5.35	0.34	3.76	0.09		
700			7.71	1.18	6.25	0.45	4.39	0.12	3.11	0.05
800			8.81	1.52	7.14	0.58	5.01	0.15	3.41	0.06
900			9.91	1.88	8.03	0.71	5.64	0.19	3.71	0.08
1,000					8.91	0.87	6.26	0.23	4.01	0.10
1,500					13.37	[illegible]	9.39	0.48	6.51	0.21
2,000							12.52	0.82	8.02	0.35
2,500									9.62	0.53
3,000									11.03	0.74

Class 200 (DR 14)

Gals/ Min.	Pipe Size (in.) 4	4.07 I.D.	6	5.88 I.D.	8	7.68 I.D.	10	9.42 I.D.	12	11.20 I.D.
	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'	Velocity ft./sec.	Head loss psi/100'
100	2.47	0.25								
200	4.93	0.83	2.38	0.14						
300	7.40	1.75	3.57	0.30	2.08	[illegible]				
400	9.86	2.98	4.76	0.51	2.77	[illegible]				
500			5.95	0.77	3.46	[illegible]	2.30	0.08		
600			7.14	1.07	4.16	[illegible]	2.76	0.11		
700			8.33	1.43	4.85	0.38	3.22	0.14	2.28	0.06
800			9.52	1.83	5.54	0.49	3.68	0.18	2.60	0.08
1,000					6.93	[illegible]	4.60	0.28	3.26	0.12
1,200							5.53	0.39	3.91	0.17
1,400							6.45	0.52	4.56	0.22
1,600							7.37	0.67	5.21	0.29
2,000							9.21	1.01	6.51	0.43
2,500									8.14	0.65
3,000									9.77	0.92

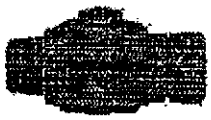
[illegible]

Dimensions (average)

Pipe size (in.)	Outside dia. (in.)	Nom. inside dia. (in.)**	T (min.) thick. (in.)	E dim. (in.)	D_e	Approx. Wt. lbs./ft.
Class 100 (OR 25)*						
4	4.80	4.39	.192	4.75	6.4	1.9
6	6.90	8.20	276	5.50	8.8	3.9
8	9.05	8.28	362	6.25	11.4	6.7
10	11.10	10.16	444	7.00	13.8	10.1
12	13.20	12.08	528	7.80	15.9	14.4
Class 150 (OR 18)*						
4	4.80	4.23	.267	4.75	6.5	2.0
6	6.90	6.09	.383	5.50	9.0	5.3
8	9.05	7.98	.503	6.25	11.6	9.2
10	11.10	9.79	.617	7.00	14.1	13.9
12	13.20	11.65	.733	7.80	16.7	19.7
Class 200 (DR 14)*						
4	4.80	4.07	.343	4.75	6.8	3.2
6	6.90	5.86	.493	5.50	9.4	6.7
8	9.05	7.69	.646	6.25	12.1	11.6
10	11.10	9.42	.793	7.00	14.3	17.8
12	13.20	11.20	943	7.80	16.9	25.1

*[illegible]
**[illegible]

1-1/2" & 2" MUELLER® ORI-CORP® CORPORATION VALVES



H-15013

MUELLER® ORI CORP® Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: MUELLER® 110® Conductive Compression Connection for CTS O.D. tubing*

1 1/2"	2"

H-15023

MUELLER® ORI-CORP® Corporation Valve
Inlet: AWWA I.P. thread
Outlet: MUELLER® 110® Conductive Compression Connection for CTS O.D. tubing*

1-1/2"	2"**

P-15013

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: MUELLER Pack Joint Connection for CTS O.D. tubing*

1 1/2"	2"

P-15023

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: MUELLER Pack Joint Connection for CTS O.D. tubing*

1-1/2"	2"**

H-15014

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: F.I.P. thread

1-1/2"‡	2"‡

H-15015

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: F.I.P. thread

1-1/2"‡	2"‡

H-9968

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: M.I.P. thread

1-1/2"	2"

H-9969

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: M.I.P. thread

1-1/2"	2"**

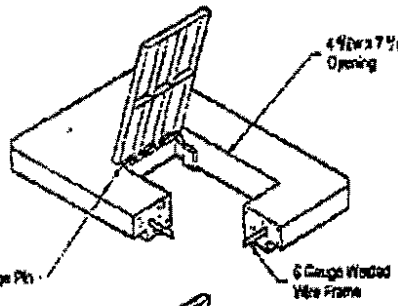
* Arm chucks on pages 5.10-5.13 for tubing end size that may be used on these connections.
** For use with Service Saddle only.....cannot be machine threaded.
‡ Requires minimum ordering quantity. Contact MUELLER Customer Service Center for minimum order requirements and availability.
NOTE: Sizes shown above represent nominal size of inlet and outlet connections.

MUELLER® Corporation Stops and Valves are manufactured and tested in accordance with ANSI/AWWA C800.

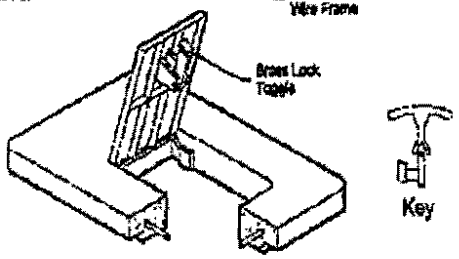
NO. 37 METER BOX
12" x 20" x 12"

DAVIS PRODUCTS
1100 Heritage Parkway
Mansfield, TX 76063
PHONE: (817) 453-1284
(817) 477-2514 Metro
FAX: (817) 483-4007

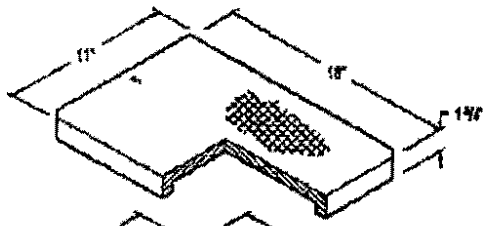
No. 37H Concrete Cover
With C.I. Hinged Lid
Weight - 28 Lbs.
Item# - 000185



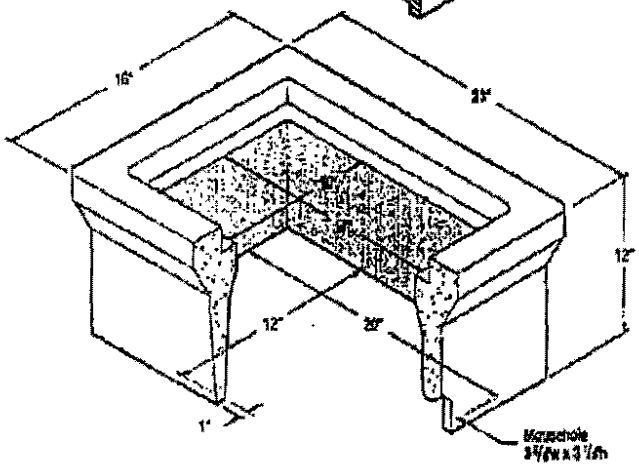
No. 37 HLD Concrete Cover
With C.I. Lid With Key
Weight - 29 Lbs.
Item# - 000189



No. 37T C.I. Cover
Weight - 26 Lbs.
Item# - 000180



No. 37 Body
Weight - 79 Lbs.
Item# - 000190



Notes:
1. Dimensions For C.I. Cover Are Typical For Conc. Cover.

Oldcastle Precast, Inc.

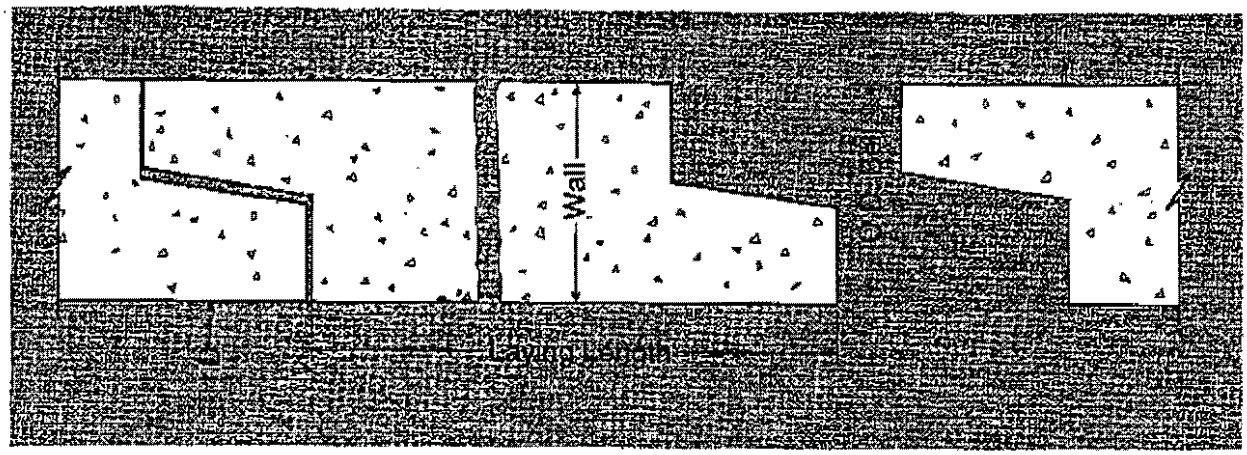
www.oldcastle-precast.com

W.2

SPECIFICATIONS:
Concrete: Concrete has a design strength of 3000 PSI at 28 days.
Reinforcement: WWF
C.I. Castings: ASTM A 48 Class 30B

Date:	Scale:	Drawing No.:	Rev.
11/24/97	None	MS-037	A

Reinforced Concrete Pipe



Basic Dimensions

I.D. Pipe (Inches)	Laying Lenght (Feet)	Wall Thickness (Inches)	Bell Diameter (Inches)	Aprox. Wt / Ft (Pounds)
12	4 - 6	2	16	92
15	4 - 6	2	19	111
18	4 - 6 - 8	2 1/2	23	168
21	4 - 6 - 8	2 3/4	26 1/2	214
24	4 - 6 - 8	3	30	265
27	4 - 6 - 8	3 1/4	33 1/2	322
30	4 - 6 - 8	3 1/2	37	384
33	4 - 6 - 8	3 3/4	40 1/2	451
36	4 - 6 - 8	4	44	624
39	*	4 1/4	47 1/2	614
42	4 - 6 - 8	4 1/2	51	685
45	*	4 3/4	54 1/2	769
48	4 - 6 - 8	5	58	895
51	*	5 1/4	61 1/2	986
54**	4 - 6 - 8	5 1/2	65	1,092
60**	4 - 6 - 8	6	72	1,322
66**	4 - 6 - 8	6 1/2	79	1,573
72	4 - 6 - 8	7	86	1,846
78	*	*	*	*
84	*	*	*	*
90	*	*	*	*
96	*	*	*	*
108	*	*	*	*
120	*	*	*	*

Note:

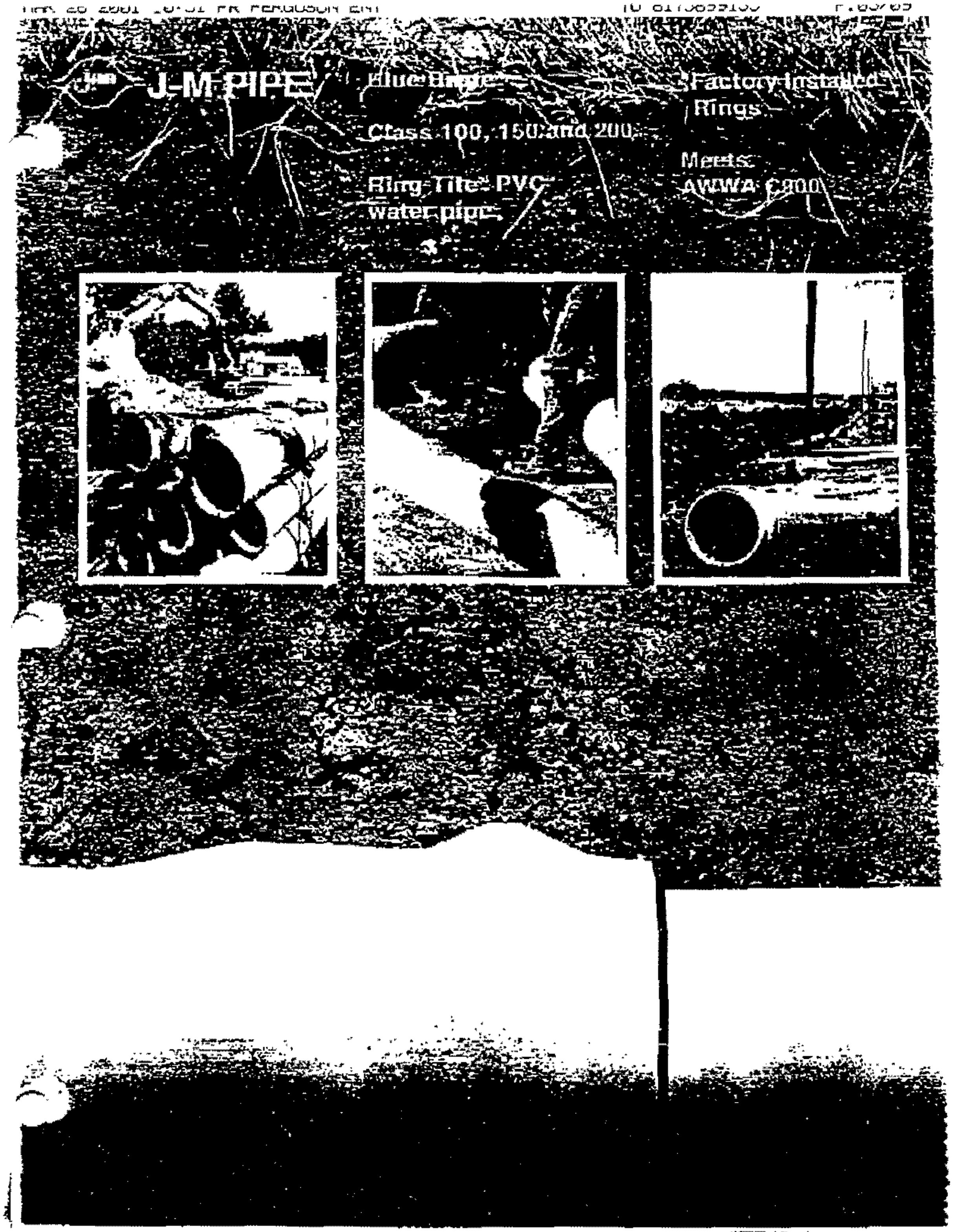
* - Dimensions vary; contact manufacturer.

** - Wall C available in some market areas.

-No Scale-

All dimensions subject to allowable specification tolerances.

TITLE	SECTION-PAGE	DATE	
Tongue and Groove Pipe	1.1	8-1-00	Hanson


J-M PIPE
Blue Brute
Class 100, 150 and 200
Ring-Tite PVC water pipe
Factory Installed Rings
Meets: AWWA C900

For use in municipal water systems, firelines and other critical services.

Strength
Class 100, 150 and 200 Blue Brute water pipes have long-term hydrostatic strength that meet the commonly accepted high safety requirements of municipal water systems. Blue Brute conforms to cast iron O.D.'s and is available in 4", 6", 8", 10" and 12" sizes in Class 100, 150, and 200.

Meets AWWA C900
Underwriters Laboratories and NSF Listed. Factory Mutual Approved
J-M Manufacturing's Blue Brute Class 150 and 200 PVC water pipes are listed for critical use in firelines and water mains and are FM approved. Blue Brute Class 100 is intended for water mains.

Light weight
A 20 foot length of Class 150, 6" Blue Brute water pipe weighs approximately 151 pounds. That makes it easy to load, easy to transport and easy to handle. Installers prefer it because it goes into the ground quickly — thus saving on installation costs.

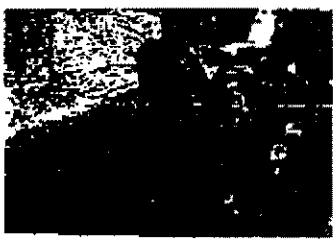
Long laying lengths
A standard laying length of Blue Brute PVC water pipe is 20 feet. That means you can cover a lot of ground during installation. At the same time, you eliminate the cost of unnecessary joints.

Corrosion resistance
Blue Brute is unaffected by electrolytic or galvanic corrosion, or any known soil or water condition. You don't have to worry about lubrication or the need for costly lining, wrapping, coating or cathodic protection.

Quality control
Without exception, each length of pipe is hydrostatically tested and subject to inspection by our quality control inspectors throughout every step of the manufacturing process.

Flow capacity
This PVC water pipe has a smooth interior that stays smooth over long years of service with no loss in carrying capacity. Its coefficient of flow is C = 150 (H&W) — the best available in common use in water systems. This capacity often allows savings in pumping costs as well as savings on the size of pipe required.

Field cutting
You can cut Blue Brute with a powersaw or an ordinary handsaw. It eliminates the need to invest in costly cutting equipment.



Service life
Because it is nonmetallic, the pipe does not lose strength due to either potable water corrosion or external galvanic or soil corrosion. And its design includes a surge allowance for a 2 ft/sec. stoppage of flow.

Ring-Tite joints with factory installed rings
Blue Brute's Ring-Tite joint can be assembled quickly. Seated in a deep groove, the flexible elastomeric ring provides a tight seal that protects the line from shock, vibration, earth movement and compensates for expansion and contraction of pipe lengths. And there's no field mixing or application of cement. It's a simple push-together joint that remains tight under normal operating conditions.

Ring-Tite joint with factory installed ring

factory installed rubber sealing ring provides tight, flexible seal

Spigot pipe ends are supplied from factory with bevels.

The bell is an integral part of the pipe length with the same strength

Installation
Product should be installed in accordance with J-M Publication TR-7048, "Blue Brute® PVC Class Water Pipe Installation Guide."

Flow characteristics and dimensions

Flow chart

Class 100 (DR 25)

Gals./min.	Pipe size (in.) 4 Velocity ft./sec.	4.39 I.D. Head loss psi/100'	6 Velocity ft./sec.	6.30 I.D. Head loss psi/100'	8 Velocity ft./sec.	8.20 I.D. Head loss psi/100'	10 Velocity ft./sec.	10.16 I.D. Head loss psi/100'	12 Velocity ft./sec.	12.08 I.D. Head loss psi/100'
100	2.12	0.16								
200	4.24	0.57	2.05	0.10						
300	6.35	1.21	3.07	0.21						
400	8.47	2.07	4.10	0.35	2.38	0.09				
500			5.12	0.53	2.98	0.14				
600			6.15	0.75	3.57	0.22	2.38	0.07		
700			7.17	0.99	4.17	0.27	2.77	0.10		
800			8.20	1.27	4.78	0.34	3.17	0.13	2.24	0.05
900			9.22	1.58	5.36	0.42	3.56	0.16	2.52	0.07
1,000					5.96	0.51	3.96	0.19	2.80	0.08
1,500					8.93	1.29	5.94	0.40	4.20	0.17
2,000							7.92	0.69	5.60	0.29
2,500							9.90	1.04	7.00	0.45
3,000									8.40	0.62
3,500									9.80	0.83

Class 150 (DR 18)

Gals./min.	Pipe size (in.) 4	4.23 I.D.	6	6.09 I.D.	8	7.98 I.D.	10	9.79 I.D.	12	11.65 I.D.
100	2.28	0.19								
200	4.57	0.69	2.20	0.12						
300	6.85	1.46	3.30	0.25						
400	9.13	2.48	4.41	0.42	2.57	[illegible]				
500			5.51	0.64	3.21	[illegible]	2.13	0.06		
600			6.61	0.89	3.85	0.24	2.56	0.09		
700			7.71	1.18	4.49	0.32	2.98	0.12	2.11	0.05
800			8.81	1.52	5.13	0.41	3.41	0.15	2.41	0.06
900			9.91	1.89	5.77	0.51	3.84	0.19	2.71	0.08
1,000					6.41	0.61	4.26	0.23	3.01	0.10
1,500					9.62	1.30	6.39	0.48	4.51	0.21
2,000							8.52	0.82	6.02	0.35
2,500									7.52	0.53
3,000									9.03	0.74

Class 200 (DR 14)

Gals./Min.	Pipe Size (in.) 4	4.07 I.D.	6	5.88 I.D.	8	7.68 I.D.	10	9.42 I.D.	12	11.20 I.D.
100	2.47	0.23								
200	4.93	0.83	2.38	0.14						
300	7.40	1.76	3.57	0.30	2.08	0.08				
400	9.86	2.99	4.76	0.51	2.77	0.14				
500			5.95	0.77	3.46	0.21	2.30	0.08		
600			7.14	1.07	4.16	0.29	2.76	0.11		
700			8.33	1.43	4.85	0.38	3.22	0.14	2.28	0.06
800			9.52	1.83	5.54	0.49	3.68	0.18	2.60	0.08
1,000					6.93	0.74	4.60	0.28	3.26	0.12
1,200							5.53	0.39	3.91	0.17
1,400							6.45	0.52	4.56	0.22
1,600							7.37	0.67	5.21	0.29
2,000							9.21	1.01	6.51	0.43
2,500									8.14	0.66
3,000									9.77	0.92

Coefficient of flow (C = 150) [illegible]
Velocity and head loss [illegible] based on nominal inside diameter, which is outside diameter minus twice [illegible]

Dimensions (average)

Pipe size (in.)	Outside dia. (in.)	Nom. inside dia. (in.)**	T (min.) thick. (in.)	E dim. (in.)	D_s	Approx. Wt. lbs./ft.
Class 100 (DR 25)*						
4	4.80	4.39	.192	4.75	6.4	1.9
6	6.90	6.30	.276	5.50	8.8	3.9
8	9.05	8.28	.362	6.25	11.4	6.7
10	11.10	10.16	.444	7.00	13.8	10.1
12	13.20	12.08	.528	7.80	15.9	14.4
Class 150 (DR 18)*						
4	4.80	4.23	.267	4.75	6.5	2.0
6	6.90	6.09	.383	5.50	9.0	5.3
8	9.05	7.98	.503	6.25	11.8	9.2
10	11.10	9.70	.617	7.00	14.1	13.9
12	13.20	11.65	.733	7.80	16.7	19.7
Class 200 (DR 14)*						
4	4.80	4.07	.343	4.76	6.8	3.2
6	6.90	5.88	.493	5.50	9.4	6.7
8	9.05	7.69	.646	6.25	12.1	11.6
10	11.10	9.42	.793	7.00	14.3	17.6
12	13.20	11.20	.943	7.80	16.9	25.1

*DR (Dimension Ratio) [illegible]
**Nominal inside diameter [illegible]

5.6 Mueller Co.

1-1/2" & 2" MUELLER® ORI-CORP® CORPORATION VALVES

H-15013

MUELLER® ORI CORP® Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: MUELLER® 110® Conductive Compression Connection for CTS O.D. tubing*

1 1/2"	2"

H-15023

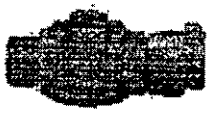
MUELLER® ORI-CORP® Corporation Valve
Inlet: AWWA I.P. thread
Outlet: MUELLER® 110® Conductive Compression Connection for CTS O.D. tubing*

1-1/2"	2"**

P-15013

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: MUELLER Pack Joint Connection for CTS O.D. tubing*

1 1/2"	2"



P-15023

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: MUELLER Pack Joint Connection for CTS O.D. tubing*

1-1/2"	2"**

H-15014

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: F.I.P. thread

1-1/2" ‡	2" †

H-15015

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: F.I.P. thread

1-1/2" ‡	2" ‡

H-9968

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA taper (MUELLER "CC") thread
Outlet: M.I.P. thread

1-1/2"	2"

H-9969

MUELLER ORI-CORP Corporation Valve
Inlet: AWWA I.P. thread
Outlet: M.I.P. thread

1-1/2"	2"**

* See charts on pages 5.10-5.13 for tubing and pipe that may be used on these connections.
** For use with Service Saddle only—cannot be saddle inserted.
‡ Requires minimum ordering quantity. Contact MUELLER Customer Service Center for minimum order requirements and availability.
NOTE: Sizes shown above represent nominal size of inlet and outlet connections.

MUELLER® Corporation Stops and Valves are manufactured and tested in accordance with ANSI/AWWA C800.

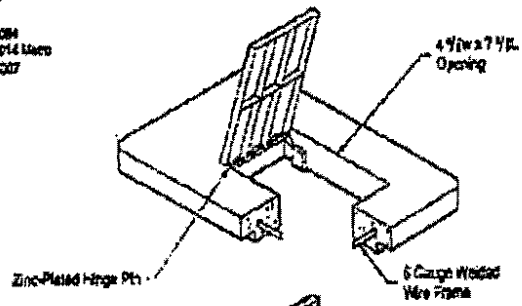
FERGUSON

DATE	TIME	TO/FROM	MODE	MIN/SEC	PGS	JOB#	STATUS
[redacted]							

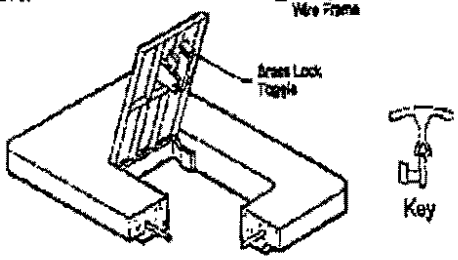
NO. 37 METER BOX
12" x 20" x 12"

PRODUCTS
1100 Heritage Parkway PHONE: (817) 453-1084
Mansfield, TX 76063 (972) 472-2014 Metro
FAX: (817) 453-4027

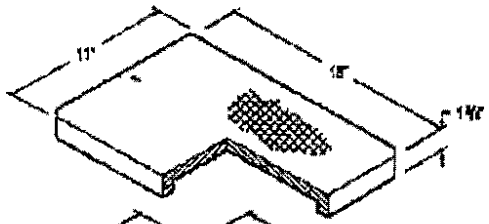
No. 37H Concrete Cover
With C.I. Hinged Lid
Weight - 28 Lbs.
Item# - 000165



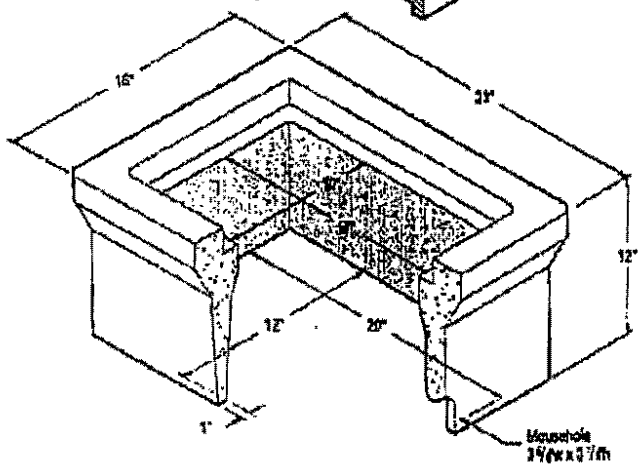
No. 37 HLD Concrete Cover
With C.I. Lid With Key
Weight - 28 Lbs.
Item# - 000169



No. 37T C.I. Cover
Weight - 25 Lbs.
Item# - 000160



No. 37 Body
Weight - 78 Lbs.
Item# - 000130



Notes:
1. Dimensions For C.I. Cover Are Typical For Conc. Cover.

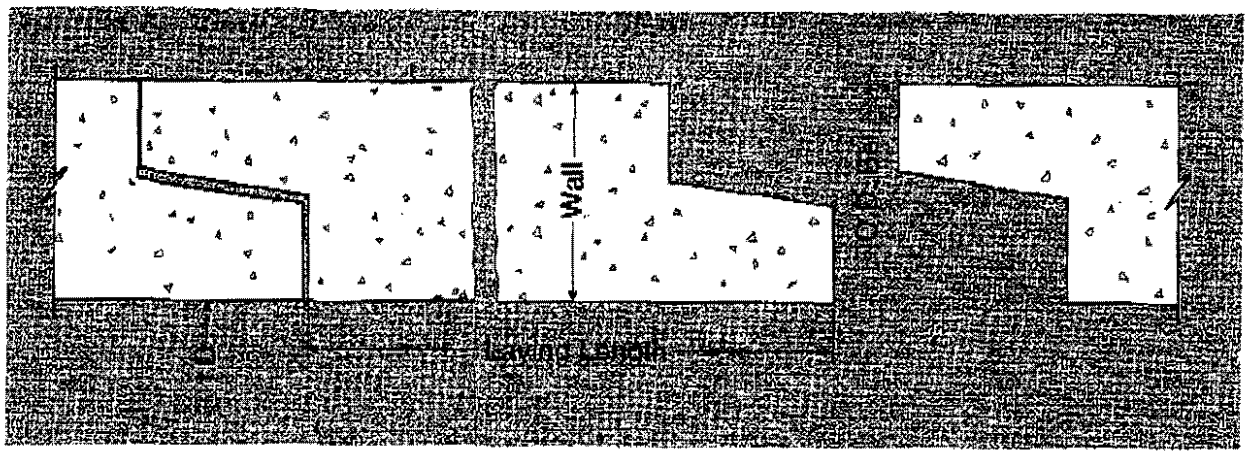
SPECIFICATIONS:
Concrete: Concrete has a design strength of 3000 PSI at 28 days.
Reinforcement: WWF
C.I. Castings: ASTM A 48 Class 30B

Date:	Scale:	Drawing No.:	Rev.
11/3/97	None	M3-037	A

Oldcastle Precast, Inc.
www.oldcastle-precast.com

W.2

Reinforced Concrete Pipe



Basic Dimensions

I.D. Pipe (Inches)	Laying Lenght (Feet)	Wall Thickness (Inches)	Bell Diameter (Inches)	Aprox. Wt / Ft (Pounds)
12	4 - 6	2	16	92
15	4 - 6	2	19	111
18	4 - 6 - 8	2 1/2	23	168
21	4 - 6 - 8	2 3/4	26 1/2	214
24	4 - 6 - 8	3	30	265
27	4 - 6 - 8	3 1/4	33 1/2	322
30	4 - 6 - 8	3 1/2	37	384
33	4 - 6 - 8	3 3/4	40 1/2	451
36	4 - 6 - 8	4	44	524
39	*	4 1/4	47 1/2	614
42	4 - 6 - 8	4 1/2	51	685
45	*	4 3/4	54 1/2	789
48	4 - 6 - 8	5	58	885
51	*	5 1/4	61 1/2	986
54**	4 - 6 - 8	5 1/2	65	1,092
60**	4 - 6 - 8	6	72	1,322
66**	4 - 6 - 8	6 1/2	79	1,573
72	4 - 6 - 8	7	86	1,846
78	*	*	*	*
84	*	*	*	*
90	*	*	*	*
96	*	*	*	*
108	*	*	*	*
120	*	*	*	*

Note:
* - Dimensions vary; contact manufacturer.
** - Wall C available in some market areas.

-No Scale-
All dimensions subject to allowable specification tolerances.

TITLE	SECTION:PAGE	DATE	
Tongue and Groove Pipe	1.1	8-1-00	Hanson

Steve Chutchian

From: Bill Shipp
Sent: Thursday, September 13, 2001 10:03 AM
To: Chris Terry
Cc: Steve Chutchian; Ron Lee
Subject: Fence behind Broadway Businesses

I spoke with Ron this morning about the fence to be constructed north of the alley behind the businesses on Broadway. He said that he would like to notify them to move the dumpster (and anything else such as the utility trailer full of trash that was there this morning) and to further tell them that we will begin construction of the fence after Oktoberfest. So, you can plan on starting the project after Oktoberfest. The fence will be constructed adjacent to the pavement (setback any short distance that you see fit as Ron Lee had suggested).

Thanks,
Bill

Steve Chutchian

From: Steve Chutchian
Sent: Wednesday, September 05, 2001 1:41 PM
To: Michael Murphy
Subject: Broadway St. Alley Drainage Estimate

Mike - Listed below is an estimate for eliminating water ponding in the alley adjacent to Broadway St.

Remove and replace existing asphalt pavement	25 s.y. @ $85/s.y.	$ 2,125.00
6" crushed stone base material	25 s.y. @ $30/s.y.	750.00
Std. 18 ft. grate inlet	1 ea. @ $4,000/ ea.	4,000.00
12" P.V.C. or R.C.P., installed in place	280 l.f. @ $50/l.f.	14,000.00
Headwall/Rip-rap	1 ea. @ $1,000/ea.	1,000.00
Engineering/Surveying	L.S. @ $2,200	2,200.00
Sub-Total		$24,075.00
10% Contingency		2408.00
Total		$26,483.00

Steve Chutchian

To: Michael Murphy
Subject: Broadway St. Alley Drainage Estimate

Mike - Listed below is an estimate for eliminating water ponding in the alley adjacent to Broadway St.

Remove and replace existing asphalt pavement	25 s.y. @ $85/s.y.	$ 2,125.00
6" crushed stone base material	25 s.y. @ $30/s.y.	750.00
Std. 18 ft. grate inlet	1 ea. @ $4,000/ ea.	4,000.00
15" P.V.C. or R.C.P., installed in place	280 l.f. @ $75/l.f.	21,000.00
Manhole	1 ea. @ $2,800/ea.	2,800.00
Headwall/Rip-rap	1 ea. @ $1,000/ea.	1,000.00
Engineering/Surveying	L.S. @ $9,500	9,500.00
Sub-Total		$41,175.00
10% Contingency		4,118.00
Total		$45,293.00

TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

BID SUMMARY
Bids Received Until 2:00 p.m., Tuesday, February 13, 2001

	Contractor	Total Amount Bid
1.	Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229	$ 213,674.80
2.	Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126	$ 222,983.50
3.	Gibson & Associates, Inc. 11210 Ryliecrest Balch Springs, Texas 75180	$ 259,773.80
4.	Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	$ 273,097.00
5.	JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187	$ 313,486.50
6.	Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047	$ 323,884.00
7.	Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211	$ 324,067.00

219,260.18

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229		BID OF Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126		BID OF Gibson & Associates, Inc. 11210 Rylieerest Balch Springs, Texas 75180		BID OF Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	
				Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension
1	520	C.Y.	Unclassified Excavation	$11.00	$ 5,720.00	$45.00	$ 23,400.00	$66.00	$ 34,320.00	$55.00	$ 28,600.00
2	2,285	S.Y.	For Furnishing and Installing 8-Inch Reinforced Concrete Pavement	$41.00	$ 93,685.00	$44.50	$ 101,682.50	$35.20	$ 80,432.00	$52.00	$ 118,820.00
3	700	L.F.	For Furnishing and Installing 6-Inch Monolithic Curb	$2.50	$ 1,750.00	$3.50	$ 2,450.00	$2.50	$ 1,750.00	$1.00	$ 700.00
4	41	L.F.	For Furnishing and Installing Undercut Street Header	$7.00	$ 287.00	$15.00	$ 615.00	$10.00	$ 410.00	$10.00	$ 410.00
5	24	S.Y.	For Furnishing and Installing 3-Inch HMAC, Type "D"	$18.00	$ 432.00	$45.00	$ 1,080.00	$44.00	$ 1,056.00	$25.00	$ 600.00
6	27	S.Y.	For Furnishing and Installing 10-Inch Crush Stone Base, Type A, Grade 2	$12.00	$ 324.00	$40.00	$ 1,080.00	$30.00	$ 810.00	$30.00	$ 810.00
7	2,317	S.Y.	For Furnishing and Installing 6-Inch Compacted Subgrade	$1.20	$ 2,780.40	$3.00	$ 6,951.00	$13.20	$ 30,584.40	$2.00	$ 4,634.00
8	546	S.F.	For Furnishing and Installing 4-Inch Reinforced Concrete Sidewalk	$3.90	$ 2,129.40	$4.50	$ 2,457.00	$3.50	$ 1,911.00	$3.00	$ 1,638.00
9	127	S.F.	For Furnishing and Installing Reinforced Concrete Barrier Free Ramp	$6.50	$ 825.50	$6.50	$ 825.50	$4.00	$ 508.00	$5.00	$ 635.00
10	35	L.F.	For Furnishing and Installing Guard Rail	$22.00	$ 770.00	$25.00	$ 875.00	$38.50	$ 1,347.50	$50.00	$ 1,750.00
11	100	S.F.	For Furnishing and Installing Sidewalk with Brick Pavers	$9.00	$ 900.00	$15.00	$ 1,500.00	$16.50	$ 1,650.00	$10.00	$ 1,000.00
12	608	S.F.	Remove and Replace Exposed Aggregate Sidewalk Bordered with Brick Pavers	$12.00	$ 7,296.00	$15.00	$ 9,120.00	$27.50	$ 16,720.00	$15.00	$ 9,120.00
13	22	L.F.	For Removing Existing 24-Inch RCP	$11.00	$ 242.00	$25.00	$ 550.00	$22.00	$ 484.00	$30.00	$ 660.00
14	46	L.F.	For Removing Existing 8-Inch PVC	$8.00	$ 368.00	$20.00	$ 920.00	$16.50	$ 759.00	$15.00	$ 690.00
15	34	L.F.	For Removing Existing 12-Inch PVC	$24.00	$ 816.00	$20.00	$ 680.00	$9.90	$ 336.60	$20.00	$ 680.00
16	10	L.F.	For Removing and Replacing Existing Chain Link Fence	$25.00	$ 250.00	$40.00	$ 400.00	$25.00	$ 250.00	$50.00	$ 500.00
17	21	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe without Slots	$105.00	$ 2,205.00	$40.00	$ 840.00	$88.00	$ 1,848.00	$45.00	$ 945.00
18	342	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe with Slots	$82.00	$ 28,044.00	$75.00	$ 25,650.00	$78.10	$ 26,710.20	$72.00	$ 24,624.00
19	44	L.F.	For Furnishing and Installing 27-Inch RCP	$110.00	$ 4,840.00	$75.00	$ 3,300.00	$85.80	$ 3,775.20	$58.00	$ 2,552.00
20	42	L.F.	For Furnishing and Installing 21-Inch RCP	$105.00	$ 4,410.00	$65.00	$ 2,730.00	$71.50	$ 3,003.00	$47.00	$ 1,974.00
21	2	C.Y.	For Furnishing and Installing Sloped Concrete Headwall for 21-Inch RCP	$320.00	$ 640.00	$500.00	$ 1,000.00	$825.00	$ 1,650.00	$500.00	$ 1,000.00

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229		BID OF Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126		BID OF Gibson & Associates, Inc. 11210 Ryliecrest Balch Springs, Texas 75180		BID OF Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	
				Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension
22	4	Ea.	For Connecting to Existing 48-Inch RCP	$2,400.00	$ 9,600.00	$200.00	$ 800.00	$825.00	$ 3,300.00	$500.00	$ 2,000.00
23	1	Ea.	For Furnishing and Installing 3-Foot by 3-Foot Drop Inlet	$2,100.00	$ 2,100.00	$2,500.00	$ 2,500.00	$2,090.00	$ 2,090.00	$2,000.00	$ 2,000.00
24	8	Ea.	For Furnishing and Installing 4-Inch Bollard	$150.00	$ 1,200.00	$150.00	$ 1,200.00	$350.00	$ 2,800.00	$400.00	$ 3,200.00
25	18	L.F.	For Furnishing and Installing 8-Inch PVC Water Line	$130.00	$ 2,340.00	$70.00	$ 1,260.00	$71.50	$ 1,287.00	$40.00	$ 720.00
26	3	L.F.	For Furnishing and Installing 2-Inch PVC Water Line	$87.00	$ 261.00	$50.00	$ 150.00	$115.50	$ 346.50	$50.00	$ 150.00
27	1	Ea.	For Connecting to Existing 2-Inch Water Line	$2,090.00	$ 2,090.00	$500.00	$ 500.00	$275.00	$ 275.00	$500.00	$ 500.00
28	1	Ea.	For Connecting to Existing 8-Inch Water Line	$510.00	$ 510.00	$250.00	$ 250.00	$495.00	$ 495.00	$1,300.00	$ 1,300.00
29	670	L.F.	For Furnishing and Installing Fire Lane Stripe	$0.25	$ 167.50	$0.75	$ 502.50	$0.28	$ 187.60	$2.00	$ 1,340.00
30	1,110	L.F.	For Furnishing and Installing 4-Inch Wide White Stripe	$0.20	$ 222.00	$0.50	$ 555.00	$0.28	$ 310.80	$1.00	$ 1,110.00
31	4	Ea.	For Furnishing and Installing Handicap Symbol	$25.00	$ 100.00	$50.00	$ 200.00	$27.50	$ 110.00	$250.00	$ 1,000.00
32	2	Ea.	For Furnishing and Installing Handicap Ramp	$620.00	$ 1,240.00	$550.00	$ 1,100.00	$165.00	$ 330.00	$500.00	$ 1,000.00
33	42	Ea.	For Furnishing and Installing Wheel Stop	$35.00	$ 1,470.00	$30.00	$ 1,260.00	$38.50	$ 1,617.00	$30.00	$ 1,260.00
34	1	L.S.	For Providing Trench Safety System Design	$600.00	$ 600.00	$600.00	$ 600.00	$880.00	$ 880.00	$6,000.00	$ 6,000.00
35	100	L.F.	For Furnishing and Installing Trench Safety System	$1.00	$ 100.00	$2.00	$ 200.00	$2.20	$ 220.00	$2.25	$ 225.00
36	8	Ea.	Relocating Water Meter with New Meter Box	$1,490.00	$ 11,920.00	$600.00	$ 4,800.00	$1,320.00	$ 10,560.00	$2,500.00	$ 20,000.00
37	700	S.Y.	For Constructing, Maintaining, Removal and Restoration of Temporary Parking Lot, including Four Direction Signs (Blue Background, White Letters, 6" Tall)	$16.00	$ 11,200.00	$10.00	$ 7,000.00	$20.00	$ 14,000.00	$21.00	$ 14,700.00
38	150	Tons	For Alley Rehabilitation with TxDOT, Type "D" Hot Mix	$62.00	$ 9,300.00	$80.00	$ 12,000.00	$66.00	$ 9,900.00	$85.00	$ 12,750.00
39	3	Ea.	For Adjustment of Waterline Valve Stack, including Debris Cap in Stack	$180.00	$ 540.00	*NO BID*	$ -	$250.00	$ 750.00	$500.00	$ 1,500.00
			TOTAL AMOUNT BID (Items 1 Through 39)		**$ 213,674.80**		**$ 222,983.50**		**$ 259,773.80**		**$ 273,097.00**

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187 Unit Bid Price	Extension	BID OF Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047 Unit Bid Price	Extension	BID OF Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211 Unit Bid Price	Extension
1	520	C.Y.	Unclassified Excavation	$50.00	$ 26,000.00	$25.00	$ 13,000.00	$25.00	$ 13,000.00
2	2,285	S.Y.	For Furnishing and Installing 8-Inch Reinforced Concrete Pavement	$55.00	$ 125,675.00	$74.00	$ 169,090.00	$41.00	$ 93,685.00
3	700	L.F.	For Furnishing and Installing 6-Inch Monolithic Curb	$3.00	$ 2,100.00	$3.00	$ 2,100.00	$10.00	$ 7,000.00
4	41	L.F.	For Furnishing and Installing Undercut Street Header	$12.00	$ 492.00	$15.00	$ 615.00	$20.00	$ 820.00
5	24	S.Y.	For Furnishing and Installing 3-Inch HMAC, Type "D"	$25.00	$ 600.00	$30.00	$ 720.00	$100.00	$ 2,400.00
6	27	S.Y.	For Furnishing and Installing 10-Inch Crush Stone Base, Type A, Grade 2	$25.00	$ 675.00	$20.00	$ 540.00	$60.00	$ 1,620.00
7	2,317	S.Y.	For Furnishing and Installing 6-Inch Compacted Subgrade	$5.00	$ 11,585.00	$3.00	$ 6,951.00	$15.00	$ 34,755.00
8	546	S.F.	For Furnishing and Installing 4-Inch Reinforced Concrete Sidewalk	$4.00	$ 2,184.00	$5.00	$ 2,730.00	$10.00	$ 5,460.00
9	127	S.F.	For Furnishing and Installing Reinforced Concrete Barrier Free Ramp	$8.00	$ 1,016.00	$6.00	$ 762.00	$15.00	$ 1,905.00
10	35	L.F.	For Furnishing and Installing Guard Rail	$50.00	$ 1,750.00	$50.00	$ 1,750.00	$100.00	$ 3,500.00
11	100	S.F.	For Furnishing and Installing Sidewalk with Brick Pavers	$9.00	$ 900.00	$16.00	$ 1,600.00	$20.00	$ 2,000.00
12	608	S.F.	Remove and Replace Exposed Aggregate Sidewalk Bordered with Brick Pavers	$15.00	$ 9,120.00	$17.00	$ 10,336.00	$20.00	$ 12,160.00
13	22	L.F.	For Removing Existing 24-Inch RCP	$7.00	$ 154.00	$15.00	$ 330.00	$50.00	$ 1,100.00
14	46	L.F.	For Removing Existing 8-Inch PVC	$7.00	$ 322.00	$5.00	$ 230.00	$30.00	$ 1,380.00
15	34	L.F.	For Removing Existing 12-Inch PVC	$7.00	$ 238.00	$6.00	$ 204.00	$45.00	$ 1,530.00
16	10	L.F.	For Removing and Replacing Existing Chain Link Fence	$40.00	$ 400.00	$30.00	$ 300.00	$50.00	$ 500.00
17	21	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe without Slots	$75.00	$ 1,575.00	$100.00	$ 2,100.00	$100.00	$ 2,100.00
18	342	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe with Slots	$75.00	$ 25,650.00	$93.00	$ 31,806.00	$85.00	$ 29,070.00
19	44	L.F.	For Furnishing and Installing 27-Inch RCP	$65.00	$ 2,860.00	$80.00	$ 3,520.00	$70.00	$ 3,080.00
20	42	L.F.	For Furnishing and Installing 21-Inch RCP	$65.00	$ 2,730.00	$75.00	$ 3,150.00	$68.00	$ 2,856.00
21	2	C.Y.	For Furnishing and Installing Sloped Concrete Headwall for 21-Inch RCP	$750.00	$ 1,500.00	$300.00	$ 600.00	$300.00	$ 600.00

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187 Unit Bid Price	Extension	BID OF Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047 Unit Bid Price	Extension	BID OF Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211 Unit Bid Price	Extension
22	4	Ea.	For Connecting to Existing 48-Inch RCP	$2,000.00	$ 8,000.00	$500.00	$ 2,000.00	$2,800.00	$ 11,200.00
23	1	Ea.	For Furnishing and Installing 3-Foot by 3-Foot Drop Inlet	$5,500.00	$ 5,500.00	$3,000.00	$ 3,000.00	$2,900.00	$ 2,900.00
24	8	Ea.	For Furnishing and Installing 4-Inch Bollard	$1,000.00	$ 8,000.00	$100.00	$ 800.00	$175.00	$ 1,400.00
25	18	L.F.	For Furnishing and Installing 8-Inch PVC Water Line	$100.00	$ 1,800.00	$200.00	$ 3,600.00	$100.00	$ 1,800.00
26	3	L.F.	For Furnishing and Installing 2-Inch PVC Water Line	$100.00	$ 300.00	$100.00	$ 300.00	$100.00	$ 300.00
27	1	Ea.	For Connecting to Existing 2-Inch Water Line	$2,500.00	$ 2,500.00	$500.00	$ 500.00	$1,000.00	$ 1,000.00
28	1	Ea.	For Connecting to Existing 8-Inch Water Line	$2,500.00	$ 2,500.00	$1,000.00	$ 1,000.00	$3,500.00	$ 3,500.00
29	670	L.F.	For Furnishing and Installing Fire Lane Stripe	$0.20	$ 134.00	$1.00	$ 670.00	$2.00	$ 1,340.00
30	1,110	L.F.	For Furnishing and Installing 4-Inch Wide White Stripe	$0.15	$ 166.50	$4.00	$ 4,440.00	$1.00	$ 1,110.00
31	4	Ea.	For Furnishing and Installing Handicap Symbol	$275.00	$ 1,100.00	$800.00	$ 3,200.00	$100.00	$ 400.00
32	2	Ea.	For Furnishing and Installing Handicap Ramp	$750.00	$ 1,500.00	$1,500.00	$ 3,000.00	$650.00	$ 1,300.00
33	42	Ea.	For Furnishing and Installing Wheel Stop	$30.00	$ 1,260.00	$20.00	$ 840.00	$30.00	$ 1,260.00
34	1	L.S.	For Providing Trench Safety System Design	$400.00	$ 400.00	$500.00	$ 500.00	$1,000.00	$ 1,000.00
35	100	L.F.	For Furnishing and Installing Trench Safety System	$4.00	$ 400.00	$1.00	$ 100.00	$20.00	$ 2,000.00
36	8	Ea.	Relocating Water Meter with New Meter Box	$200.00	$ 1,600.00	$1,000.00	$ 8,000.00	$1,264.00	$ 10,112.00
37	700	S.Y.	For Constructing, Maintaining, Removal and Restoration of Temporary Parking Lot, including Four Direction Signs (Blue Background, White Letters, 6" Tall)	$65.00	$ 45,500.00	$35.00	$ 24,500.00	$68.00	$ 47,600.00
38	150	Tons	For Alley Rehabilitation with TxDOT, Type "D" Hot Mix	$95.00	$ 14,250.00	$100.00	$ 15,000.00	$99.00	$ 14,850.00
39	3	Ea.	For Adjustment of Waterline Valve Stack, including Debris Cap in Stack	$350.00	$ 1,050.00	*NO BID*	$ -	$158.00	$ 474.00
			TOTAL AMOUNT BID (Items 1 Through 39)		**$ 313,486.50**		**$ 323,884.00**		**$ 324,067.00**

TOWN OF ADDISON®

OFFICE OF THE CITY MANAGER

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-7000 • FAX (972) 450-7043

5300 Belt Line Road

August 30, 2001

Dear Property Owner:

The Town of Addison has successfully completed the construction of paving and drainage improvements on Broadway Street and the adjacent alley located to the north. At this time, our staff is working on a plan to enhance the proposed Arts & Events District. These improvements will require construction activity in the future.

As a step in this direction, we will attempt to define the southern boundary of the Town's property in relation to existing commercial properties on Broadway Street. We are scheduled to construct a new fence along the property line very soon. The fence will protect against incursion into the alleyway and damage to anyone's property. The fence will be a black, vinyl coated chain link fence that should blend discreetly into the surrounding area.

Should you have any questions regarding the construction of this fence, please feel free to contact the Town of Addison Parks & Recreation Department, at 972-450-2863.

Your consideration is greatly appreciated.

Sincerely,

Ron Whitehead

Ron Whitehead
City Manager

TOWN OF ADDISON®

OFFICE OF THE CITY MANAGER

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-7000 • FAX (972) 450-7043

5300 Belt Line Road

August 8, 2001

Mr. Steve Jeske
President
Jeske Construction Co.
P.O. Box 59025
Dallas, Texas 75229

Re: Broadway Street Paving & Drainage Improvements

Dear Mr. Jeske:

On behalf of the Town of Addison, please accept our acknowledgment and appreciation of the outstanding level of service performed by your company during the construction of paving and drainage improvements on Broadway Street. Although this project was relatively small in size, the importance to the affected commercial property owners and the community as a whole was very high. The positive working relationship between your company and our staff provided an opportunity for the completion of the work in a timely manner and with minimal disruption to adjacent businesses.

We thank you for your effort in construction of this project and look forward to working with you again in other similar endeavors.

Sincerely,

Ron Whitehead

Ron Whitehead
City Manager

SECTION BP

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

STATE OF TEXAS

COUNTY OF DALLAS

Personally, before me the undersigned authority, on this day appeared Steve Jeske who, being duly sworn, on oath, says that he is a legal representative of **Jeske Construction Company**
(full name of Contractor as in contract)

and that the contract for the construction of the project, designated as

Bid Number 01-12 (Paving & Drainage Improvements – Broadway Street, Addison Road to Julian Street)
(Project No.)

has been satisfactorily completed and that all bills for materials, apparatus, fixtures, machinery and labor used in connection with the construction of this project have, to the best of my knowledge and belief, been fully paid.

Signature

President
Title

Sworn to and subscribed before me this 18th day of August, 2001.

DEBBIE J. WADE
Notary Public, State of Texas
My Commission Expires
10-18-2002

Debbie J Wade
Notary Public in and for

Dallas County, Texas

It's a Celebration!

The Town of Addison
cordially invites you to join the
Mayor and Addison City Council for a

Ribbon-cutting and Reception
10 A.M., Tuesday, August 7, 2001

To celebrate the renovation and
re-opening of Broadway Street

Please park in the Special Events area
just north of Broadway Street and enter from Julian Street.

(5)

Dallas Addison Catering

ok Marg Locke 8/3/01

www.dallascaters.eas123.com

INVOICE

TOTAL DUE 157.50

Salesperson	Marg Locke
Invoice number	14192
Invoice date	8-7-01
Customer ID	Ann Piper
Terms	15 Days Net
Date shipped	8-7-01
Shipped via	
FOB	
Prepaid / Collect	
Tax exempt	
Reason	Town of Addison
Exemption no.	Corner of Addison & Broadway
	Starts @ 10am

SOLD TO

Name	Liz Oliphant
Address (line 1)	need address
Address (line 2)	
City, State or Prov.	
Contact	Ann Piper
Phone	214.534.9396
Fax	214.522.9947
Company name	

SHIPPED TO

Retype the following only if the name and address are not the same as the SOLD TO name and address.

Name	
Address (line 1)	
Address (line 2)	
City, State or Prov.	
Postal code, Country	
Company name	

REF NO.	QTY	DESCRIPTION	PRICE EACH	TOTAL
	50	Asst Sweets & Cookies	2.25	112.50
	50	Tropical Punch	0.75	37.50
		Lemon Squares		
		Brownies		
		Asst Fruit Tarts		
			SUBTOTAL	150.00
			Sales tax % Exempt	
			SHIPPING & HANDLING	7.50
			PAYMENTS	
			PLEASE PAY THIS AMOUNT	157.50
			TERMS: Net 15 Days	

Please make checks payable to:

Dallas Addison Catering
P.O. Box 701044 972.620.3000
Dallas, Tx 75370 972.620.3002 Fax

FAXED OK 8-3-01

Rainbow Audio Visuals

Invoice No. 60711

P.O. Box 801881
Dallas, Texas, Texas 75380-1881
(972) 458-6919 fax (972) 458-6049 701-0521

INVOICE

Customer

Name	TOWN OF ADDISON			Date	8/7/01
Address				Time	10 A.M. - 12 P.M.
City	ADDISON	State TX	ZIP 75001	Rep	ANN PIPER
Phone	(214) 534-8436			Group	TOA

Qty	Description	Unit Price	TOTAL
	8/7		
1	2-SPEAKER SOUND SYSTEM	$150.00	$150.00
1	PODIUM MICROPHONE	$20.00	$20.00
1	STANDING PODIUM	$30.00	$30.00
		Operator	
		Equipment	$200.00
		Labor 18%	$36.00
		Sales Items	
		Sub Total	$236.00
		Tax 8.25%	EXEMPT
		Total	$236.00

Payment Details

- ○ Net 30 Days
- ○ Check
- ● Credit Card Master Card

Name SUE E HEW FAMILY
CC # 5405-8221-9375-9037
Expires 06/02

Thank You!!

Rainbow Audio Visuals is a division of Coomer Enterprises Inc. A Texas corporation. Tax I.D. # 752675407

QUICK FAX OfficeMax

Date:	# Of Pages:
To: Arlene	From: L Z
Co./Dept.	Co./Dept.
Fax: Please do the P.O. as usual	Fax:
Phone: 4 Crosswalks,	Phone:
Note:	E-Mail:

HP LaserJet *3200se*

TOALASERJET 3200
9724502837
AUG-3-2001 09:40

Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
208	8/ 3/2001	09:39:29	Send	99727010521	1:05	1	OK

8-02-2001 1:41PM FROM LIZ OLIPHANT PR 214 5229942 P.1

Rainbow Audio Visuals Invoice No. 80711
P.O. Box 8a1881
Dallas, Texas, Texas 75380-1881
(972) 458-6010 fax (972) 458-6020 701-0521

INVOICE

Customer
Name TOWN OF ADDISON
Address
City ADDISON State TX ZIP 75001
Phone (214) 334-9436

Date 8/7/01
Time 10 A.M. - 12 P.M.
Rep ANN PIPER
Group TOA

Qty	Description	Unit Price	TOTAL
	8/7		
1	2-SPEAKER SOUND SYSTEM	$150.00	$150.00
1	PODIUM MICROPHONE	$20.00	$20.00
1	STANDING PODIUM	$30.00	$30.00

Operator	
Equipment	$200.00
Labor 18%	$36.00
Sales Items	
Sub Total	$236.00
Tax 8.25%	EXEMPT
Total	$236.00

Payment Details
○ Net 30 Days
○ Check
● Credit Card Master Card
Name Sue Ellen Fogle
CC # 5405 - 8231 - 9575 - 9037
Expires 06/02

Thank You!

Rainbow Audio Visuals is a division of Conner Enterprises Inc, A Texas corporation, Tax I.D. # 752611165

QUICK FAX Officemax
To: Steve From: Liz
Please do the P.O. instead of Crossroads.

07/30/2001 09:20 FAX 002

(2)

07/25/01 4:15 PM

Date: 07/25/01 Page: 1
Account: 0001347 Order: 0016151

(972) 450-7090 ✓

Town Of Addison
Attn: Accounts Payable
P.o. Box 9010
Addison TX 75001-9010

(972) 450-7090

Town Of Addison
4900 Block of Broadway
Addison TX 75001-9010

To Ship: TUE 08/07/01
Event: TUE 08/07/01
Pick-Up: TUE 08/07/01
Method: Delivery Timed/Pickup Timed
Desc: 10AM

PO Number:
Contact: ANN PIPER
Fax:
Sales ID: Jan Maynard ok cc
Written By: ~~JMA JMA~~

first am delivery
pick up at 12;00

1	R	FRAME10 Tent 10'X10' White-Frame	100.00	100.00
1	R	TABBQT630 Table, 6' X 30	8.00	8.00
1	R	10WHTFOR 10' White Cloth Fortex	9.95	9.95
1	R	11WHTVEL Skirt, White 11'Bp	22.00	22.00
	R	/DELST Delivery - Specific Time		50.00
	R	/PU Pick Up Only		20.00

Must be set up on site @ 9 A.M.
Take down 12 Noon

Order Amount:	209.95
Damage Waiver:	14.00
Sales Tax:	.00
Net Order:	223.95 X

(1)

DUCKY-BOB'S
Party & Tent Rentals
Bringing experience to the table.

FAX TRANSMITTAL SHEET

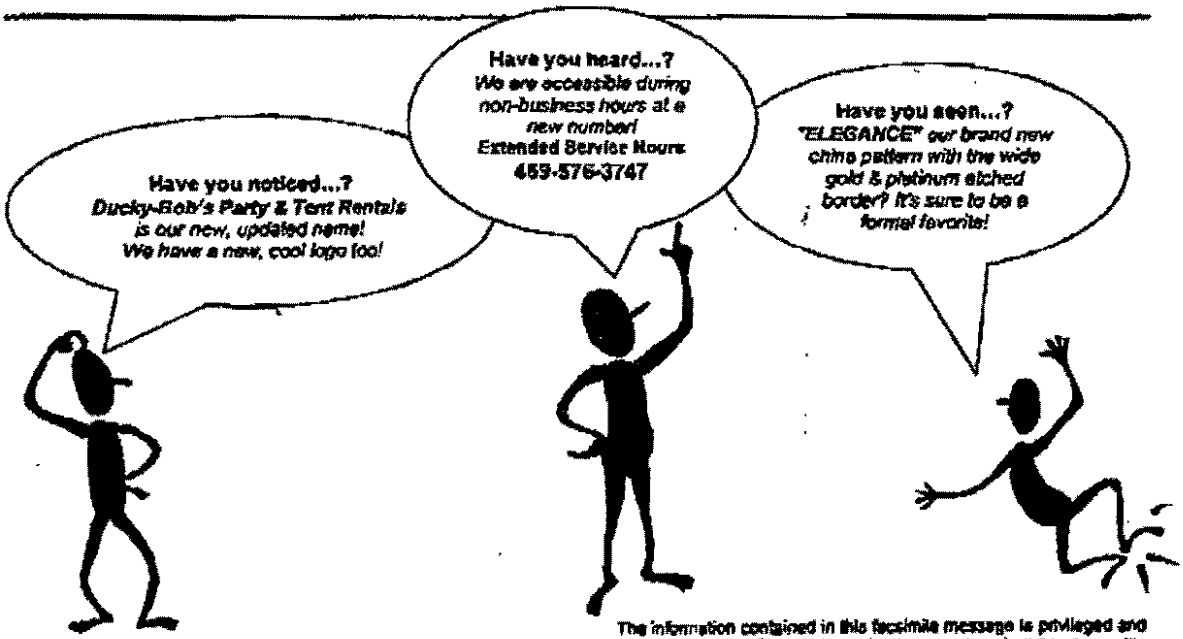
Date: 7-25

To: Ann Piper

From: Jon Maynard

Total number of pages _____, including cover sheet.

Message: _____



www.duckybobs.com
Your link to great parties.

3200 Belmeade Drive, Suite 130
Carrollton, TX 75006-2552
972-381-8000 • Fax 972-381-8001

a Stellar company

214- 522- 9947

Liz Oliphant and associates, inc.
PUBLIC RELATIONS • ADVERTISING

July 31, 2001

FAX MEMO TO: Steve Chutchian

RE: Broadway Street Opening Event – 3 pages attached

Attached are estimates from Ducky-Bob's for the tent and table rental and from Dallas Addison Catering for the refreshments. We trying to find a battery operated sound podium so we don't have to tap into someone's electricity.

If these estimates meet with your approval, please issue the appropriate purchase orders. On Ducky Bob's, be sure to include the map Ann sent you so they'll put the tent in the right place. She plans to meet them for the delivery.

We're working on the remarks for the Mayor and the appropriate news release.

Liz

cc: Chris Terry

3626 N. Hall Street #625 • Dallas, TX 75219 • 214-522-9942
FAX 214-522-9947

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127757
Project No.: 014778
Date of Service: 06/25/2001
Report Date: 07/26/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/25/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 12:30pm **BATCH TIME:** 11:24am
TEMPERATURE (F) - AIR 90 F **CONCRETE:** 90 F
TRUCK NO: 959 **TICKET NO:** 7103816
AIR CONTENT (%): 3.0 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Broadway St., paving northeast side

SAMPLE LOCATION: Station 3+25

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	5.0	07/02/2001	7	95400	3370	Unbonded Cap
1	2	5.0	07/23/2001	28	143035	5060	Unbonded Cap
1	3	5.0	07/23/2001	28	138545	4900	Unbonded Cap
					Average	**4980**	
1	4		**Hold**				

Water Added at Site: 10 gallons

Technician: Fred Thornton **Started:** 11:30am **Finished:** 1:30pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

TOWN OF
ADDISON

PUBLIC WORKS

To: Ms. LIZ OLIPHANT

From: Steve CHUTCHIAN

Company:

FAX #: 214-522-9947

Date: 8/2/01

No. of pages (including cover): 4

Phone: 972/450-2886
Fax: 972/450-2837

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

8/2

Steve -
Looks good. Please call
Liz O. with my changes.
Chris

Liz Oliphant and associates, inc.
PUBLIC RELATIONS•ADVERTISING

(draft for approval)

Addison's Broadway Street Construction Completed

Addison's shortest street but the one with the most history was re-opened during a brief ribbon-cutting ceremony August 7 following paving and drainage improvements.

Broadway Street, platted by W.W. Julian in 1904, was reconstructed with concrete paving and drainage improvements from Addison Road to Julian Street. Paving, striping and head-in parking ~~was~~ were created on both sides of the roadway. Juseke Construction installed the over $215,000 project.

Mayor Pro Tem Glenda Turner recalled the early history of Addison before the assembled guests that included commercial tenants along the two-block street, other members of the City Council and Town staff members.

"This was downtown Addison for so many years," she recalled. While we only have the bank building left from the original structures along this street, several stores and churches faced Broadway. Mr. Julian gave land to the railroad for a depot that really put the Town on the map. Those same railroad tracks may someday be used by DART to again bring visitors and residents to the Town."

In order to attract businesses to the new community, Mr. Julian gave lots, free, to stores. Only the bank building survived a fire in the 1950s that destroyed the tiny downtown area. He also named nearby streets for himself and his two daughters, Mildred (now Addison Circle) and Clara.

-30-

3626 N. Hall Street #625 • Dallas, TX 75219 • 214-522-9942
FAX 214-522-9947

The staff person who made this project a reality is our Asst. City Engineer, Steve Chutchian

Liz Oliphant and associates, inc.
PUBLIC RELATIONS • ADVERTISING

REMARKS FOR THE MAYOR

Good morning! I'm Glenda Turner, mayor pro tem for the Town of Addison. We're pleased to have you come today to celebrate the re-opening of Broadway Street – Addison's oldest and shortest street but the one with the most history.

But before we talk about the street, itself, I'd like to introduce other members of the City Council who are present:

INTRODUCE THOSE PRESENT

While the City Council votes funding for projects such as this, it's the Town staff who really make our dreams a reality. We're also pleased to have City Manager Ron Whitehead, Deputy City Manager Lea Dunn and Assistant City Manager Chris Terry and a number of other Town staff members.

POINT OUT THOSE PERSONS MENTIONED

I'm sure those of you who work on Broadway or are customers who patronize businesses here are happy to see the construction completed and for that we want to recognize representatives from Jeske Construction Company who did the work.

POINT OUT JESKE REPRESENTATIVES

The reconstruction of Broadway as part of our Five Year Capital Project Bond Program that voters approved last year. As the Town's oldest street, it badly needed reconstruction and drainage improvements. The new striping and head in parking should make it more convenient for customers of businesses along the street.

You're standing on what is almost hallowed ground to the Town since this was the first street platted by W.W. Julian back in 1904. The enterprising developer gave lots free to stores and the bank to encourage them to locate here. He also gave free land to churches and, eventually, a Baptist and Methodist Church were part of the downtown area. To attract more residents, Mr. Julian donated land to the railroad for a depot that was just south of the railroad tracks. He knew that if the railroad stopped here, the Town would grow. We have hopes that someday those same railroad tracks will be used by DART to again bring visitors and residents to the Town.

The little downtown area grew with the addition of a cotton gin that was across Addison Road, just south of the airport, and other structures. But in the 1950's a devastating fire wiped out most of downtown, leaving only the bank building standing. The other commercial structures along the street were built after that including the Victorian-style buildings.

While most of the commercial activity in the Town has re-located to Belt Line Road, Broadway is still considered to be the heart of Addison and we're here, today, to celebrate it's renewal.

If other members of the City Council will join me now, we'd like to formally cut the ribbon re-opening Broadway. Thanks for being with us today.

COUNCIL MEMBERS GATHER ALONG RIBBON FOR PHOTO

HP LaserJet 3200se

invent

TOALASERJET 3200
9724502837
AUG-2-2001 14:25

Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
194	8/ 2/2001	14:22:49	Send	92145229947	3:01	4	OK

TOWN OF
ADDISON

PUBLIC WORKS

To: Ms. LIZ OLIPHANT **From:** Steve CHUTCHIAN

Company:

FAX #: 214-522-9947

Date: 8/2/01

No. of pages (including cover): 4

Phone: 972/450-2886
Fax: 972/450-2837

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

Steve — 8/2

looks good to me. Ask Liz what kind of plates, cups, utensils she plans to use. I do not want glass or silverware

Chris

Liz Oliphant and associates, inc.
PUBLIC RELATIONS • ADVERTISING

July 31, 2001

FAX MEMO TO: Steve Chutchian

RE: Broadway Street Opening Event – 3 pages attached

Attached are estimates from Ducky-Bob's for the tent and table rental and from Dallas Addison Catering for the refreshments. We trying to find a battery operated sound podium so we don't have to tap into someone's electricity.

If these estimates meet with your approval, please issue the appropriate purchase orders. On Ducky Bob's, be sure to include the map Ann sent you so they'll put the tent in the right place. She plans to meet them for the delivery.

We're working on the remarks for the Mayor and the appropriate news release.

Liz

cc: Chris Terry

3626 N. Hall Street #625 • Dallas, TX 75219 • 214-522-9942
FAX 214-522-9947

(1)

DUCKY-BOB'S
Party & Tent Rentals
Bringing experience to the table

FAX TRANSMITTAL SHEET

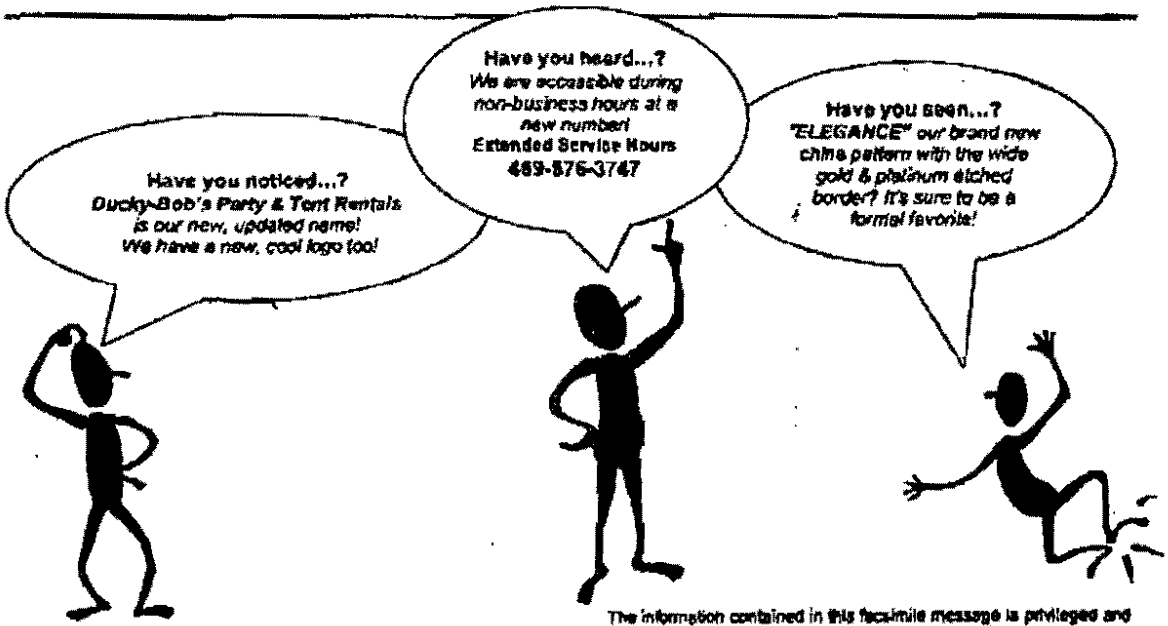
Date: 7-25

To: Anna Piper

From: Jan Maynard

Total number of pages _____, including cover sheet.

Message: _____



www.duckybobs.com
Your link to great parties.

3200 Belmeade Drive, Suite 130
Carrollton, TX 75006-2552
972-381-8000 • Fax 972-381-8001

a *Stellar* company

214-522-9947

(2)

07/25/01 4:15 PM

Date: 07/25/01 Page: 1
Account: 0001347 Order: 0016151

(972) 450-7090
Town Of Addison
Attn: Accounts Payable
P.o. Box 9010
Addison TX 75001-9010

(972) 450-7090
Town Of Addison
4900 Block of Broadway
Addison TX 75001-9010

To Ship: TUE 08/07/01
Event: TUE 08/07/01
Pick-Up: TUE 08/07/01
Method: Delivery Timed/Pickup Timed
Desc: 10AM

PO Number:
Contact: ANN PIPER
Fax:
Sales ID: Jan Maynard
Written By: JMA JMA

		first am delivery		
		pick up at 12;00		
1	R	FRAME10	100.00	100.00
		Tent 10'X10' White-Frame		
1	R	TABBQT630	8.00	8.00
		Table, 6' X 30		
1	R	10WHTFOR	9.95	9.95
		10' White Cloth Fortex		
1	R	11WHTVEL	22.00	22.00
		Skirt, White 11'Bp		
	R	/DELST		50.00
		Delivery - Specific Time		
	R	/PU		20.00
		Pick Up Only		

Must be set up on site @ 9 A.M.
Take down 12 Noon

Order Amount:	209.95
Damage Waiver:	14.00
Sales Tax:	.00
Net Order:	223.95

(5)

Dallas Addison Catering

www.dallascaters.eas123.com

INVOICE

TOTAL DUE 157.50

Salesperson	Marg Locke
Invoice number	14192
Invoice date	8-7-01
Customer ID	Ann Piper
Terms	15 Days Net
Date shipped	8-7-01
Shipped via	
FOB	
Prepaid / Collect	
Tax exempt	
Reason	Town of Addison
Exemption no.	Corner of Addison & Broadway
	Starts @ 10am

SOLD TO

Name	Liz Oliphant
Address (line 1)	need address
Address (line 2)	
City, State or Prov.	
Contact	Ann Piper
Phone	214.534.9396
Fax	214.522.9947
Company name	

SHIP TO

Retype the following only if the name and address are not the same as the SOLD TO name and address.

Name	
Address (line 1)	
Address (line 2)	
City, State or Prov.	
Postal code, Country	
Company name	

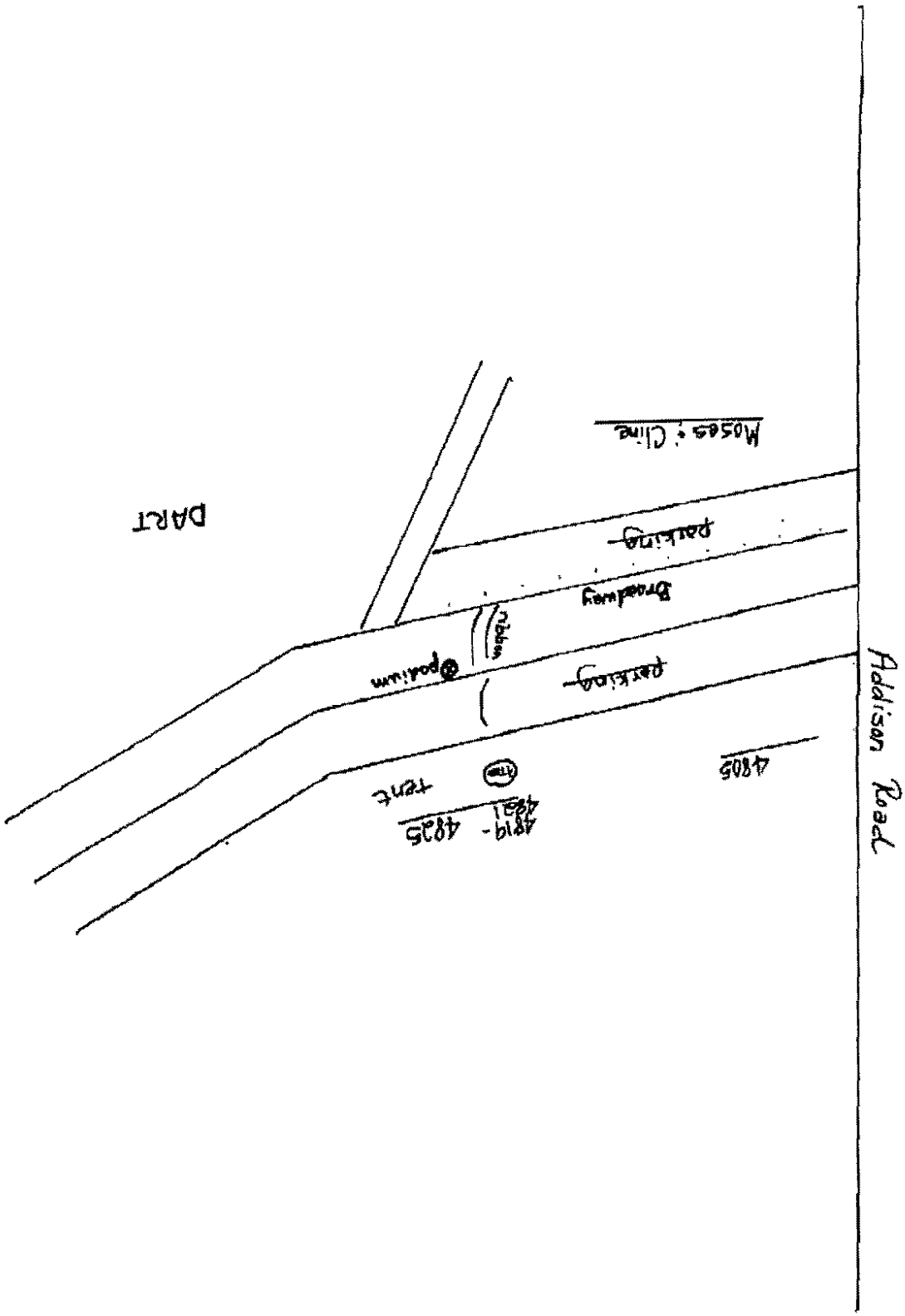
REF NO.	QTY	DESCRIPTION	PRICE EACH	TOTAL
	50	Asst Sweets & Cookies	2.25	112.50
	50	Tropical Punch	0.75	37.50
		Lemon Squares		
		Brownies		
		Asst Fruit Tarts		

SUBTOTAL	150.00
Sales tax % Exempt	
SHIPPING & HANDLING	7.50
PAYMENTS	
PLEASE PAY THIS AMOUNT	157.50

TERMS: Net 15 Days

Please make checks payable to:

Dallas Addison Catering
P.O. Box 701044 972.620.3000
Dallas, Tx 75370 972.620.3002 Fax


Addison Road
4805
4819 - 4835
tent
Broadway
parking
parking
DART

TO: Liz Oliphant
Steve Chutchian

FROM: Ann Piper

DATE: July 31, 201

RE: **Celebration of Opening of Broadway**

Attached is a sketch of the placement of the tent, podium and ribbon.

crossroads audio, inc.

GENERAL EQUIPMENT LEASE

2023 MYRTLE SPRINGS AVE. DALLAS, TEXAS 75220 (214) 358-2823

Ann Piper

The State of Texas
County of Dallas

NAME OF LESSEE: Town of Addison		SALESMAN:
ADDRESS:		BUS PHONE:
EQUIPMENT RECEIVED BY:	DRIVERS LICENSE #:	HOME PHONE:
ADDRESS WHERE EQUIPMENT TO BE USED:		VEHICLE & LICENSE #:
OTHER INFORMATION:		

DELIVERY DATE	EXPIRATION DATE & TIME	RENTAL RATE	SECURITY DEPOSIT	STIPULATED LOSS VALUE
8-6	8-8			

SCHEDULE OF EQUIPMENT

QUANTITY	MANUFACTURE	I.D NO.	DESCRIPTION	PRICE
1			Mackie Liberty 4500	65 00
1			Shure SM58 mic	8 50
1			Tripod mic Stand	2 00
1			50 XLR mic cable	1 50
1			USS TS 30 Speaker Stand	5 00

OPERATOR		TOTAL RENT	82 00
ADD'L RENT		EXTRAS	
PICKUP		TAX	
DAMAGE CHG.		TOTAL	82 00
DELIVERY		PAID DEPOSIT	
SUB TOTAL EXTRAS		BALANCE DUE	82 00

Lessor leases to Lessee and Lessee leases from Lessor, the above described and listed equipment subject to the terms and conditions printed on the reverse of this page. Lessee hereby certifies that he has read and understands these terms and conditions.

LESSEE

Date: # Of Pages: 1
QUICK FAX OfficeMax
To: STEVE From: LIZ

For Barbara

SE site Master Plan

"THE SIGN OF QUALITY"

PROPOSAL

ALLIED FENCE CO. OF DALLAS

266 W COMMERCE STREET • DALLAS, TEXAS 75208
PHONE (214) 748-6088 • WATTS (800) 227-1157 • FAX (244)748-1042
E-mail: cooper@allied fence dallas.com

Name Town of Addison Parks Dept. Date 7-17 20 01

Address P.O Box 9010 Addison Tx 75001 Phone Number 972 450 2863

Install at 972 450 2834

TERMS AND CONDITIONS

(1) More or less than the quantities set forth in this contract will be added or deducted at the units price. (2) All property lines stakes are to be established by purchaser (3) Obstructions of every nature which in any manner interfere with the erection of the fence shall be removed by the owner prior to commencing work. (4) Should any changes be made by customer after work is commenced, a charge will be made covering the actual cost of such work. (5) When erection is suspended at the customer's request, any lost time and expense of time and travel to return to complete the job is to be charged to the customer (6) Before the work of installation is commenced. Purchaser shall furnish Allied Fence Company with the location and character of any underground wires, pipes, sewers, conduits, obstructions, conditions or restrictions of any nature which might interfere with or be damaged by Allied Fence Company (7) Written guarantee furnished upon request following completion, does not cover free gate adjustments or guarantee straight alignment due to ground movement. (8) Allied Fence Company will not assume liability for injuries to person, or persons, during installation of fence, or thereafter, or placement of fence in regards to property lines, city ordinances or deed restrictions.

SPECIFICATIONS - All sizes are nominal

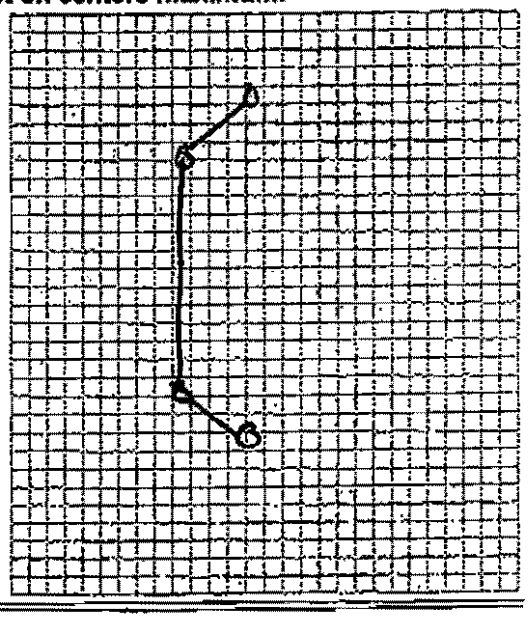
All posts set in concrete footings and spaced 10 foot on centers maximum.

Total height 6 Top rail LCK O.D. Walk Gate Post

Fabric width 6 Line Post 2 O.D. Drive Gate Post

Fabric Gauge 9 End Post 2 3/8 O.D. Gate Frame

Bottom tension wire 15/6 LCK Corner Post 2 3/8 O.D.



Exceptions or Additions:

Install 463' of Black Vinyl Coated chain Link with Top & Bottom rails

WOOD FENCE QUANTITY ' HEIGHT

TYPE STYLE TOP GATES

463	Chain Link Fence	Knuckle Up ☐	Run Top Straight ☐	Set on Line ☐
		Barb Up ☐	Follow Contour ☐	Set Inside Line ☐
	Chain Link Fence	Knuckle Up ☐	Run Top Straight ☐	Set on Line ☐
		Barb Up ☐	Follow Contour ☐	Set Inside Line ☐
4	End Corner and Gate Post ■	Tie Ins		
	Gates			
	Gates			

*Allied Fence NOT RESPONSIBLE for damage to underground lines, sprinkler, gas lines, water lines and etc.. ☐

TOTAL CASH PRICE $ 6930.00

AMOUNT OF DOWN PAYMENT $

CASH PRICE BALANCE $

THE JOB DESCRIBED ABOVE MAY BE PURCHASED ON ANY OF THE FOLLOWING PLANS

☐ Cash on completion of Job
☐ Visa
☐ Master Charge

RIGHT OF RESCISSION

You. The Buyer, may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. To cancel: Sign and detach bottom portion of this contract and present to office of ALLIED FENCE within 3 business days.

X

ACCEPTED BY CUSTOMER	SALESMAN	ALLIED FENCE CO. OF DALLAS
X	Thomas McRoth	

Fax 972 450 2834

Proposal

LIBERTY FENCE COMPANY, INC.

Quality Material Installed With The Finest Workmanship

Phone: 972-285-4350 ★ FAX: 972-289-6981
2109 Peachtree ★ Balch Springs, Texas 75180

Page No. ____ of ____ Pages

AFA

PROPOSAL SUBMITTED TO:	PHONE:	DATE: 7/15/01
NAME: Town of Addison	JOB NAME: Special Events	
STREET:	STREET:	
CITY: STATE:	CITY: STATE:	
TYPE OF FENCE:	DATE SET:	DATE COMPLETED:

We hereby submit specifications and estimates for:

Furnish Material & Labo - to Install
Approx 463 L.F of 6' Vynil Coated
Fence per Detail

We hereby propose to furnish labor and materials - complete in accordance with the above specifications, for the sum of ____ dollars ($ 7480) with payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contigent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance. We, Liberty Fence, are not responsible for any underground water lines, sprinkler systems, swimming pool lines or utility lines that are not pre-marked and located by the owner.

Authorized Signature ____

NOTE: This proposal may be withdrawn by us if not accepted within ____ days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature ____

Date ____ Signature ____

LIBERTY FENCE COMPANY

"Since 1949"

Quality Material Installed With The Finest Workmanship

Phone: 972-285-4350 2109 Peachtree
Balch Springs, Texas 75180
FAX 972-289-6981

FAX COVER SHEET

NAME: Ron Lee

ATTN:

FAX#:

FROM:

DATE:

PAGES

(NOT INCLUDING COVER SHEET)

IF YOU DID NOT RECIEVE ALL PAGES, PLEASE CALL (972) 285-4350.

COMMENTS:

QUALITY FENCE COMPANY

P.O. BOX 186 ADDISON, TX 75001

DATE: July 18, 2001

PURCHASER: Town of Addison Parks Dept. Attn.: Ron Lee PHONE:

ADDRESS: P. O. Box 9010 Addison, Tx. 75001-9010 BUS. PHONE: 972-450-2863

JOB SITE (if different from address above): Between Julian St. & Addison Rd. FAX: 972-450-2834

QUALITY FENCE COMPANY, HEREINAFTER REFERRED TO AS "COMPANY", AGREES TO FURNISH MATERIALS, EQUIPMENT AND LABOR TO CONSTRUCT AS FOLLOWS:

463 linear feet of 6 ft. black color system 11 gauge core/8 gauge finish chain line fence mounted on an LCX framework of 1 5/8" O. D. top and bottom rail with steel ties at 12" O. C. and 2" O. D. line posts at 10 ft. O. C. in 36" concrete footings. The fence shall follow the ground contour with 3 1/2" average ground clearance. Included: 5 - 2 3/8" O. D. terminal/stretch posts set in 36" concrete footings and city permit. Sales tax not included. $9,856.00

DIRT AND ROCK SHALL NOT BE REMOVED UNDER THESE PRICES UNLESS STIPULATED

Total Costs

Down Payment

Total Invoice Subject to Adjustment based on quantities installed.

Balance Due

SALES AGREEMENT AND CONTRACT

DATE:_____

We, the undersigned, agree to the above construction specifications and terms of payment therefor.

TERMS: BALANCE DUE UPON RECEIPT OF INVOICE.

The Company agrees to complete the above specified improvements in a workman-like manner and in accordance with the Company's normal procedure unless stated above.

The Purchaser hereby agrees to furnish stakes or physically locate property lines. The Company accepts no responsibility for underground utility lines, sprinkler lines or other obstructions unless specifically located by Purchaser. The Purchaser hereby agrees further to pay for any changes, after work by the Company has started at a rate or fee determined to be fair and reasonable by the Company. Any lost time by the Company, resulting from delays occasioned by the acts or omissions of the Purchaser, Owner of the job site, contractors or other subcontractors (other than Company), shall be chargeable to the Purchaser at the rate of a minimum of $50.00 man per hour.

All sums due Quality Fence Company are payable at Addison, Dallas County, Texas and all delinquent sums bear interest at a maximum interest by law. If this contract is placed in the hands of any attorney for collection after default, Purchaser agrees to pay all principal and interest then due, customary attorney's fees and court costs.

Underground Obstructions: Charges for post holes in rock, roots and/or other unknown obstructions, able to be dug by hand will be $8.00 for each such post hole. When mechanical tools are required, a charge of $100.00 per day plus $10.00 per post hole for labor will be made. Any such posts to be set in rock shall be set a minimum of fourteen and not more than sixteen inches deep.

We propose to begin the work required by this contract within 35 to 40 working days from the date upon which this contract is accepted by the Company's Credit Department, unless such is prevented by delay occasioned by Purchaser, Purchaser's agents or representatives, or by reason of weather, material shortage and any other causes beyond the direct control of the Company.

LIABILITY: The Company assumes no liability for any injury resulting from misuse, such as climbing, scaling, underpassage, or other activity related to the above products.

Your and our signatures to this agreement constitutes a Contract between Purchaser and the Company when accepted by the Company's Credit Department.

PURCHASER'S ACCEPTANCE:

_____

_____

THIS QUOTATION GOOD FOR 10 DAYS ONLY

PLEASE SIGN AND RETURN

MICHELLE COLINO - AUGUST 7, 2001 → INVITATIONS to business owners, council.
10:00 A.M.
NEWS MEDIA

SAID SHE WOULD GET SCISSORS ~~[redacted]~~ ROBIN

WE WILL CALL PERSON to get SOUND SYSTEM & PODIUM

AREA LAYMON #7167 will HAVE OFFICER THERE FROM 9-11

CONTACT POLICE EXT. 7153 → DEMONT ROBINSON to get 2 OFFICERS

WASH / SWEEP STREET DAY BEFORE

ROBIN will SWEEP STREET PRIOR to 6:00 A.M.

SEND NOTICE OF STREET CLOSURE

ROBIN SET UP to CLOSE STREET 6:00 A.M. to 12:00

HAND-DELIVER NOTICES SUBSEQUENT to DELIVERY OF INVITATIONS.

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

July 25, 2001

Dear Property Owner:

The Town of Addison recently completed the construction of paving and drainage improvements on Broadway Street. As indicated in the attached invitation, we have scheduled a celebration of the opening of the new street.

In accordance with the planned ribbon cutting and reception on August 7, 2001, Broadway Street will be closed from approximately 6:30 a.m. to 12:00. This will allow our staff to set up in the roadway for the event. Please make provisions for parking north or south of the street during this period.

Your consideration and attendance at our celebration event is appreciated. We look forward to seeing you there.

Sincerely,

Mike Murphy, P.E.
Director of Public Works

It's a Celebration!

The Town of Addison
cordially invites you to join the
Mayor and Addison City Council for a

Ribbon-cutting and Reception
10 A.M., Tuesday, August 7, 2001

To celebrate the renovation and
re-opening of Broadway Street

Please park in the Special Events area
just north of Broadway Street and enter from Julian Street.

Steve Chutchian

To: Ann Piper
Subject: RE: Invitation List

Ann - the DART and Contractor representatives are as follows:

DART: Jay Klein(Project Manager) & Jan Seidner(Right-of-Way Management Representative)
Dallas Area Rapid Transit
P.O. Box 660163
1401 Pacific Avenue
Dallas, Texas 75266-7212

Contractor: Ed Jeske & Steve Jeske(President)
Jeske Construction Company
P.O. Box 59025
Dallas, Texas 75229

If you need any additional information, please let me know. Thanks.

Steve Chutchian

-----Original Message-----
From: Ann Piper [mailto:hollyannpiper@hotmail.com]
Sent: Friday, July 20, 2001 12:57 PM
To: schutchian@ci.addison.tx.us
Subject: Invitation List

Steve -

Liz Oliphant and I are working on the invitation and list. Could you please
e-mail me the names, titles and mailing addresses for your contacts with

DART and the contractor who completed the Broadway project? We'd like to
mail the invitations on Monday, so if I could get the addresses this afternoon, I'd appreciate it.

My e-mail address is hollyannpiper@hotmail.com

Thanks,
Ann
214/534-9396

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 126849
Project No.: 014778
Date of Service: 06/12/2001
Report Date: 07/12/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/12/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 12:15pm **BATCH TIME:**
TEMPERATURE (F) - AIR 91 F **CONCRETE:** 92 F
TRUCK NO: 1042 **TICKET NO:** 7103122
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Station 3+25, north side parking drive

SAMPLE LOCATION: Station 3+25, north side parking drive

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.0	06/19/2001	7	99015	3500	Unbonded Cap
1	2	4.0	07/10/2001	28	123935	4380	Unbonded Cap
1	3	4.0	07/10/2001	28	125540	4440	Unbonded Cap
					Average	**4410**	
1	4		**Hold**				

Water Added at Site: 15 gallons

Technician: Anthony Maldonado **Started:** 12:00pm **Finished:** 12:35pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 126848
Project No.: 014778
Date of Service: 06/12/2001
Report Date: 07/12/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3- 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/12/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 8:45AM **BATCH TIME:** NA
TEMPERATURE (F) - AIR 81 F **CONCRETE:** 85 F
TRUCK NO: 757 **TICKET NO:** 7103101
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Station 0+75, north side parking drive

SAMPLE LOCATION: Station 0+75, north side parking drive

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.5	06/19/2001	7	101260	3580	Unbonded Cap
1	2	4.5	07/10/2001	28	133720	4730	Unbonded Cap
1	3	4.5	07/10/2001	28	132975	4700	Unbonded Cap
					Average	**4720**	
1	4		**Hold**				

Water Added at Site: 10 gallons

Technician: Anthony Maldonado **Started:** 8:00am **Finished:** 9:00am

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127128
Project No.: 014778
Date of Service: 06/15/2001
Report Date: 07/16/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/15/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 10:40am **BATCH TIME:** 9:45am
TEMPERATURE (F) - AIR 75 F **CONCRETE:** 88 F
TRUCK NO: 1042 **TICKET NO:** 7103302
AIR CONTENT (%): 3.75 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving strip - 2nd strip south

SAMPLE LOCATION: 15' south and 4' north of southwest corner of paving strip

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.0	06/22/2001	7	118075	4180	Unbonded Cap
1	2	4.0	07/13/2001	28	151795	5370	Unbonded Cap
1	3	4.0	07/13/2001	28	147350	5210	Unbonded Cap
					Average	**5290**	
1	4		**Hold**				

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127128
Project No.: 014778
Date of Service: 06/15/2001
Report Date: 07/16/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/15/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 1:00pm **BATCH TIME:** 12:15pm
TEMPERATURE (F) - AIR 85 F **CONCRETE:** 92 F
TRUCK NO: 1042 **TICKET NO:** 7103321
AIR CONTENT (%): 4.25 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving strip - 2nd strip south

SAMPLE LOCATION: 60' west and 4' north of southeast corner of paving strip

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
2	1	4.25	06/22/2001	7	118200	4180	Unbonded Cap
2	2	4.25	07/13/2001	28	143400	5070	Unbonded Cap
2	3	4.25	07/13/2001	28	150120	5310	Unbonded Cap
					Average	**5190**	
2	4		**Hold**				

Technician: Cody Carroll Started: 8:30am Finished: 2:15pm

Rone Engineers, Inc.

Clay Stark
Project Manager

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

REPORT OF CYLINDER COLLECTION

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Cylinder Collection

Report No.: 127855
Project No.: 014778
Date of Service: 06/26/2001
Report Date: 06/29/2001

Report of Collection

On this date a Rone Engineers, Inc. representative arrived on site to collect compressive strength specimens cast prior to this date.

Page 1 of 1

Technician: Anthony Maldonado

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

REPORT OF CYLINDER COLLECTION

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Cylinder Collection

Report No.: 126952
Project No.: 014778
Date of Service: 06/13/2001
Report Date: 06/25/2001

Report of Collection

On this date, a Rone Engineers, Inc. representative arrived on site as scheduled to pick up compressive strength test specimens cast prior to this date.

Technician Time: 2:00pm - 3:00pm

Page 1 of 1

Technician: Justin Terveen
Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125994
Project No.: 014778
Date of Service: 05/30/2001
Report Date: 06/29/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/30/2001
WEATHER CONDITIONS: Cloudy
TIME SAMPLED: 10:45am BATCH TIME: 10:01am
TEMPERATURE (F) - AIR NA F CONCRETE: NA F
TRUCK NO: 1040 TICKET NO: 7102549
AIR CONTENT (%): NA UNIT WEIGHT (pcf): NA
OVERALL PLACEMENT LOCATION:
Paving - eastbound Broadway

SAMPLE LOCATION: Station 0+50

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	6.0	06/06/2001	7	94605	3350	Unbonded Cap
1	2	6.0	06/27/2001	28	142220	5030	Unbonded Cap
1	3	6.0	06/27/2001	28	136940	4840	Unbonded Cap
					Average	**4940**	
1	4		**Hold**				

Notified contractor of 6" slump.

REVISED 6-25-01 to reflect correct compressive strength and slump requirement

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125994
Project No.: 014778
Date of Service: 05/30/2001
Report Date: 06/29/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/30/2001
WEATHER CONDITIONS: Cloudy
TIME SAMPLED: 1:45pm BATCH TIME: 12:59pm
TEMPERATURE (F) - AIR NA F CONCRETE: NA F
TRUCK NO: 1040 TICKET NO: 7102575
AIR CONTENT (%): NA UNIT WEIGHT (pcf): NA
OVERALL PLACEMENT LOCATION:
Paving - eastbound Broadway

SAMPLE LOCATION: Station 2+15

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
2	1	5.0	06/06/2001	7	101155	3580	Unbonded Cap
2	2	5.0	06/27/2001	28	138440	4900	Unbonded Cap
2	3	5.0	06/27/2001	28	142285	5030	Unbonded Cap
					Average	**4970**	
2	4		**Hold**				

REVISED 6-25-01 to reflect correct compressive strength and slump requirement

Technician: Anthony Maldonado **Started:** 9:30am **Finished:** 3:30pm

Report Distribution:

(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

REPORT OF CYLINDER COLLECTION

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Cylinder Collection

Report No.: 127667
Project No.: 014778
Date of Service: 06/22/2001
Report Date: 06/26/2001

Report of Collection

On this date a Rone Engineers, Inc. representative arrived on site to collect compressive strength specimens cast prior to this date.

Page 1 of 1

Technician: Anthony Maldonado
Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127757
Project No.: 014778
Date of Service: 06/25/2001
Report Date: 07/06/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/25/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 12:30pm **BATCH TIME:** 11:24am
TEMPERATURE (F) - AIR 90 F **CONCRETE:** 90 F
TRUCK NO: 959 **TICKET NO:** 7103816
AIR CONTENT (%): 3.0 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Broadway St., paving northeast side

SAMPLE LOCATION: Station 3+25

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	5.0	07/02/2001	7	95400	3370	Unbonded Cap
1	2	5.0	07/23/2001	28			Unbonded Cap
1	3	5.0	07/23/2001	28			Unbonded Cap
1	4		**Hold**				

Water Added at Site: 10 gallons

Technician: Fred Thornton **Started:** 11:30am **Finished:** 1:30pm

Rone Engineers, Inc.

Clay Stark
Project Manager

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127554
Project No.: 014778
Date of Service: 06/21/2001
Report Date: 07/03/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/21/2001
WEATHER CONDITIONS: Partly cloudy
TIME SAMPLED: 1:20pm **BATCH TIME:** 11:56pm
TEMPERATURE (F) - AIR 92 F **CONCRETE:** 96 F
TRUCK NO: 1045 **TICKET NO:** 7103676
AIR CONTENT (%): 3.0 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Pavement 2 parallel parking spaces north side

SAMPLE LOCATION: Station 3+50, northeast parking space

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	2.5	06/28/2001	7	111835	3950	Unbonded Cap
1	2	2.5	07/19/2001	28			Unbonded Cap
1	3	2.5	07/19/2001	28			Unbonded Cap
1	4		**Hold**				

Water Added at Site: 10 gallons

Technician: Luis Ortiz **Started:** 12:00pm **Finished:** 2:30pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

REPORT OF CYLINDER COLLECTION

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Cylinder Collection

Report No.: 127194
Project No.: 014778
Date of Service: 06/16/2001
Report Date: 06/20/2001

Report of Collection

On this date a Rone Engineers, Inc. representative arrived on site to collect compressive strength specimens cast prior to this date.

Page 1 of 1

Technician: David Putman
Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

REVISED 6-25-01

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Report No.: 125802
Project No.: 014778
Date of Service: 05/25/2001
Report Date: 06/25/2001

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/25/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 9:39am **BATCH TIME:** 8:36am
TEMPERATURE (F) - AIR NA F **CONCRETE:** NA F
TRUCK NO: 1039 **TICKET NO:** 2102405
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Station 1+00, south side parking lot

SAMPLE LOCATION: Station 1+00, south side parking lot

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	5.5	06/01/2001	7	98600	3490	Unbonded Cap
1	2	5.5	06/22/2001	28	135470	4790	Unbonded Cap
1	3	5.5	06/22/2001	28	146020	5160	Unbonded Cap
					Average	**4980**	
1	4		**Hold**				

Contractor notified of 5 1/2" slump.

IDK

REVISED 6-25-01 to reflect correct compressive strength and slump requirement

Technician: Anthony Maldonado **Started:** 9:30am **Finished:** 10:00am

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Project: Broadway Road Improvements
Town of Addison
Addison, TX

REVISED
6-25-01

Report No.: 125835
Project No.: 014778
Date of Service: 05/25/2001
Report Date: 06/25/2001

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/25/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 12:54pm **BATCH TIME:** 12:08pm
TEMPERATURE (F) - AIR NA F **CONCRETE:** NA F
TRUCK NO: 1092 **TICKET NO:** 7102429
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Station 2+50, south side parking lot

SAMPLE LOCATION: Station 2+50, south side parking lot

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.0	06/01/2001	7	111940	3960	Unbonded Cap
1	2	4.0	06/22/2001	28	145640	5150	Unbonded Cap
1	3	4.0	06/22/2001	28	142190	5030	Unbonded Cap
					Average	**5090**	
1	4		**Hold**				

Water Added at Site: 10 gallons

REVISED 6-25-01 to reflect correct compressive strength and slump requirement

Technician: Anthony Maldonado **Started:** 12:30pm **Finished:** 2:31pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.
Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Project: Broadway Road Improvements
Town of Addison
Addison, TX

REVISED 6-25-01

Report No.: 125994
Project No.: 014778
Date of Service: 05/30/2001
Report Date: 06/25/2001

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/30/2001
WEATHER CONDITIONS: Cloudy
TIME SAMPLED: 10:45am **BATCH TIME:** 10:01am
TEMPERATURE (F) - AIR NA F **CONCRETE:** NA F
TRUCK NO: 1040 **TICKET NO:** 7102549
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving - eastbound Broadway

SAMPLE LOCATION: Station 0+50

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	6.0	06/06/2001	7	94605	3350	Unbonded Cap
1	2	6.0	06/27/2001	28			Unbonded Cap
1	3	6.0	06/27/2001	28			Unbonded Cap
1	4		**Hold**				

Notified contractor of 6" slump.

***REVISED 6-25-01 to reflect correct compressive strength and slump

requirement***

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125994
Project No.: 014778
Date of Service: 05/30/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/30/2001
WEATHER CONDITIONS: Cloudy
TIME SAMPLED: 1:45pm **BATCH TIME:** 12:59pm
TEMPERATURE (F) - AIR NA F **CONCRETE:** NA F
TRUCK NO: 1040 **TICKET NO:** 7102575
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving - eastbound Broadway

SAMPLE LOCATION: Station 2+15

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
2	1	5.0	06/06/2001	7	101155	3580	Unbonded Cap
2	2	5.0	06/27/2001	28			Unbonded Cap
2	3	5.0	06/27/2001	28			Unbonded Cap
2	4		**Hold**				

REVISED 6-25-01 to reflect correct compressive strength and slump requirement

Technician: Anthony Maldonado **Started:** 9:30am **Finished:** 3:30pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 126849
Project No.: 014778
Date of Service: 06/12/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/12/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 12:15pm **BATCH TIME:**
TEMPERATURE (F) - AIR 91 F **CONCRETE:** 92 F
TRUCK NO: 1042 **TICKET NO:** 7103122
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Station 3+25, north side parking drive

SAMPLE LOCATION: Station 3+25, north side parking drive

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.0	06/19/2001	7	99015	3500	Unbonded Cap
1	2	4.0	07/10/2001	28			Unbonded Cap
1	3	4.0	07/10/2001	28			Unbonded Cap
1	4		**Hold**				

Water Added at Site: 15 gallons

Technician: Anthony Maldonado **Started:** 12:00pm **Finished:** 12:35pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.
Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 126848
Project No.: 014778
Date of Service: 06/12/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3- 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/12/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 8:45AM **BATCH TIME:** NA
TEMPERATURE (F) - AIR 81 F **CONCRETE:** 85 F
TRUCK NO: 757 **TICKET NO:** 7103101
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Station 0+75, north side parking drive

SAMPLE LOCATION: Station 0+75, north side parking drive

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.5	06/19/2001	7	101260	3580	Unbonded Cap
1	2	4.5	07/10/2001	28			Unbonded Cap
1	3	4.5	07/10/2001	28			Unbonded Cap
1	4		**Hold**				

Water Added at Site: 10 gallons

Technician: Anthony Maldonado **Started:** 8:00am **Finished:** 9:00am

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.
Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127128
Project No.: 014778
Date of Service: 06/15/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/15/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 10:40am **BATCH TIME:** 9:45am
TEMPERATURE (F) - AIR 75 F **CONCRETE:** 88 F
TRUCK NO: 1042 **TICKET NO:** 7103302
AIR CONTENT (%): 3.75 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving strip - 2nd strip south

SAMPLE LOCATION: 15' south and 4' north of southwest corner of paving strip

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.0	06/22/2001	7	118075	4180	Unbonded Cap
1	2	4.0	07/13/2001	28			Unbonded Cap
1	3	4.0	07/13/2001	28			Unbonded Cap
1	4		**Hold**				

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127128
Project No.: 014778
Date of Service: 06/15/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/15/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 1:00pm **BATCH TIME:** 12:15pm
TEMPERATURE (F) - AIR 85 F **CONCRETE:** 92 F
TRUCK NO: 1042 **TICKET NO:** 7103321
AIR CONTENT (%): 4.25 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving strip - 2nd strip south

SAMPLE LOCATION: 60' west and 4' north of southeast corner of paving strip

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
2	1	4.25	06/22/2001	7	118200	4180	Unbonded Cap
2	2	4.25	07/13/2001	28			Unbonded Cap
2	3	4.25	07/13/2001	28			Unbonded Cap
2	4		**Hold**				

Technician: Cody Carroll **Started:** 8:30am **Finished:** 2:15pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

IN-PLACE DENSITY TESTING

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 126577
Project No.: 014778
Date of Service: 06/07/2001
Report Date: 06/14/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Perform In-Place Density Test in accordance with ASTM Standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
Test Methods: ASTM D-2922
ASTM D-3017

Gauge: Troxler 3430
Gauge Serial No: 24674
Test Mode: DT

Standard Counts
Moisture Current: 691 Previous: NA
Density Current: 2895 Previous: NA

MOISTURE DENSITY RELATIONS

M/D No.	Description	Moisture %	Maximum Density pcf	Project Requirements Moisture	Project Requirements Density
1	Dark brown clay and flexbase mix	22.0	102.0	Optimum +4	95 min

FIELD DENSITY TESTS

TEST NO	TEST LOCATION	PROBE DEPTH	M/D No.	MOISTURE (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	DENSITY (% max)
1	**Paving subgrade** Broadway Street, Station 0+75, north side, westbound lane, final	6"	1	22.4	124.6	101.8	100
2	**Paving subgrade** Broadway Street, Station 2+00, north side, westbound lane, final	6"	1	22.1	125.2	102.5	100
3	**Paving subgrade** Broadway Street, Station 3+25, north side, westbound lane, final	6"	1	23.0	123.1	100.1	98

Test results on this report meet project specification.

Technician: David Putman **Started:** 10:00a **Finished:** 12:00p

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125994
Project No.: 014778
Date of Service: 05/30/2001
Report Date: 06/11/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4500 psi @ 28 Days
SLUMP (in): 4" - 5"
AIR (%): NA
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/30/2001
WEATHER CONDITIONS: Cloudy
TIME SAMPLED: 10:45am BATCH TIME: 10:01am
TEMPERATURE (F) - AIR NA F CONCRETE: NA F
TRUCK NO: 1040 TICKET NO: 7102549
AIR CONTENT (%): NA UNIT WEIGHT (pcf): NA
OVERALL PLACEMENT LOCATION:
Paving - eastbound Broadway

SAMPLE LOCATION: Station 0+50

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	6.0	06/06/2001	7	94605	3350	Unbonded Cap
1	2	6.0	06/27/2001	28			Unbonded Cap
1	3	6.0	06/27/2001	28			Unbonded Cap
1	4		**Hold**				

Notified contractor of 6" slump.

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125994
Project No.: 014778
Date of Service: 05/30/2001
Report Date: 06/11/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4500 psi @ 28 Days
SLUMP (in): 4" - 5"
AIR (%): NA
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/30/2001
WEATHER CONDITIONS: Cloudy
TIME SAMPLED: 1:45pm BATCH TIME: 12:59pm
TEMPERATURE (F) - AIR NA F CONCRETE: NA F
TRUCK NO: 1040 TICKET NO: 7102575
AIR CONTENT (%): NA UNIT WEIGHT (pcf): NA
OVERALL PLACEMENT LOCATION:
Paving - eastbound Broadway

SAMPLE LOCATION: Station 2+15

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
2	1	5.0	06/06/2001	7	101155	3580	Unbonded Cap
2	2	5.0	06/27/2001	28			Unbonded Cap
2	3	5.0	06/27/2001	28			Unbonded Cap
2	4		**Hold**				

Technician: Anthony Maldonado Started: 9:30am Finished: 3:30pm

Rone Engineers, Inc.

Clay Stark
Project Manager

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

REVISED 6-25-01

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Report No.: 125802
Project No.: 014778
Date of Service: 05/25/2001
Report Date: 06/25/2001

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/25/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 9:39am BATCH TIME: 8:36am
TEMPERATURE (F) - AIR NA F CONCRETE: NA F
TRUCK NO: 1039 TICKET NO: 2102405
AIR CONTENT (%): NA UNIT WEIGHT (pcf): NA
OVERALL PLACEMENT LOCATION:
Station 1+00, south side parking lot

SAMPLE LOCATION: Station 1+00, south side parking lot

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	5.5	06/01/2001	7	98600	3490	Unbonded Cap
1	2	5.5	06/22/2001	28	135470	4790	Unbonded Cap
1	3	5.5	06/22/2001	28	146020	5160	Unbonded Cap
					Average	**4980**	
1	4		**Hold**				

Contractor notified of 5 1/2" slump.

DK

REVISED 6-25-01 to reflect correct compressive strength and slump requirement

Technician: Anthony Maldonado Started: 9:30am Finished: 10:00am

Rone Engineers, Inc.

Clay Stark
Project Manager

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Report No.: 125835
Project No.: 014778
Date of Service: 05/25/2001
Report Date: 06/25/2001

REVISED
10-25-01

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/25/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 12:54pm BATCH TIME: 12:08pm
TEMPERATURE (F) - AIR NA F CONCRETE: NA F
TRUCK NO: 1092 TICKET NO: 7102429
AIR CONTENT (%): NA UNIT WEIGHT (pcf): NA
OVERALL PLACEMENT LOCATION:
Station 2+50, south side parking lot

SAMPLE LOCATION: Station 2+50, south side parking lot

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.0	06/01/2001	7	111940	3960	Unbonded Cap
1	2	4.0	06/22/2001	28	145640	5150	Unbonded Cap
1	3	4.0	06/22/2001	28	142190	5030	Unbonded Cap
					Average	**5090**	
1	4		**Hold**				

Water Added at Site: 10 gallons

REVISED 6-25-01 to reflect correct compressive strength and slump requirement

Technician: Anthony Maldonado Started: 12:30pm Finished: 2:31pm

Rone Engineers, Inc.

Clay Stark
Project Manager

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Project: Broadway Road Improvements
Town of Addison
Addison, TX

REVISED
6-25-01

Report No.: 125994
Project No.: 014778
Date of Service: 05/30/2001
Report Date: 06/25/2001

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/30/2001
WEATHER CONDITIONS: Cloudy
TIME SAMPLED: 10:45am **BATCH TIME:** 10:01am
TEMPERATURE (F) - AIR NA F **CONCRETE:** NA F
TRUCK NO: 1040 **TICKET NO:** 7102549
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving - eastbound Broadway

SAMPLE LOCATION: Station 0+50

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	6.0	06/06/2001	7	94605	3350	Unbonded Cap
1	2	6.0	06/27/2001	28			Unbonded Cap
1	3	6.0	06/27/2001	28			Unbonded Cap
1	4		**Hold**				

Notified contractor of 6" slump.

***REVISED 6-25-01 to reflect correct compressive strength and slump

requirement***

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125994
Project No.: 014778
Date of Service: 05/30/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 05/30/2001
WEATHER CONDITIONS: Cloudy
TIME SAMPLED: 1:45pm **BATCH TIME:** 12:59pm
TEMPERATURE (F) - AIR NA F **CONCRETE:** NA F
TRUCK NO: 1040 **TICKET NO:** 7102575
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving - eastbound Broadway

SAMPLE LOCATION: Station 2+15

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
2	1	5.0	06/06/2001	7	101155	3580	Unbonded Cap
2	2	5.0	06/27/2001	28			Unbonded Cap
2	3	5.0	06/27/2001	28			Unbonded Cap
2	4		**Hold**				

REVISED 6-25-01 to reflect correct compressive strength and slump requirement

Technician: Anthony Maldonado **Started:** 9:30am **Finished:** 3:30pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 126848
Project No.: 014778
Date of Service: 06/12/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3- 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/12/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 8:45AM **BATCH TIME:** NA
TEMPERATURE (F) - AIR 81 F **CONCRETE:** 85 F
TRUCK NO: 757 **TICKET NO:** 7103101
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Station 0+75, north side parking drive

SAMPLE LOCATION: Station 0+75, north side parking drive

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.5	06/19/2001	7	101260	3580	Unbonded Cap
1	2	4.5	07/10/2001	28			Unbonded Cap
1	3	4.5	07/10/2001	28			Unbonded Cap
1	4		**Hold**				

Water Added at Site: 10 gallons

Technician: Anthony Maldonado **Started:** 8:00am **Finished:** 9:00am

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.
Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 126849
Project No.: 014778
Date of Service: 06/12/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3 - 6
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/12/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 12:15pm **BATCH TIME:**
TEMPERATURE (F) - AIR 91 F **CONCRETE:** 92 F
TRUCK NO: 1042 **TICKET NO:** 7103122
AIR CONTENT (%): NA **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Station 3+25, north side parking drive

SAMPLE LOCATION: Station 3+25, north side parking drive

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.0	06/19/2001	7	99015	3500	Unbonded Cap
1	2	4.0	07/10/2001	28			Unbonded Cap
1	3	4.0	07/10/2001	28			Unbonded Cap
1	4		**Hold**				

Water Added at Site: 15 gallons

Technician: Anthony Maldonado **Started:** 12:00pm **Finished:** 12:35pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127128
Project No.: 014778
Date of Service: 06/15/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/15/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 10:40am **BATCH TIME:** 9:45am
TEMPERATURE (F) - AIR 75 F **CONCRETE:** 88 F
TRUCK NO: 1042 **TICKET NO:** 7103302
AIR CONTENT (%): 3.75 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving strip - 2nd strip south

SAMPLE LOCATION: 15' south and 4' north of southwest corner of paving strip

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
1	1	4.0	06/22/2001	7	118075	4180	Unbonded Cap
1	2	4.0	07/13/2001	28			Unbonded Cap
1	3	4.0	07/13/2001	28			Unbonded Cap
1	4		**Hold**				

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

CONCRETE COMPRESSIVE STRENGTH TEST

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 127128
Project No.: 014778
Date of Service: 06/15/2001
Report Date: 06/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain samples of fresh concrete at the placement locations, perform required field testing, cast compressive strength samples and bring samples back to the laboratory for curing and testing in accordance with applicable standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
CONCRETE SUPPLIER: Lattimore
PLANT: 7
SPECIFICATION REQUIREMENTS
STRENGTH: 4000 psi @ 28 Days
SLUMP (in): 2" - 4"
AIR (%): 3% - 6%
TEST METHOD: ASTM C-172
ASTM C-31
ASTM C-143
ASTM C-231
ASTM C-1064
ASTM C-138
ASTM C-39

MIX DESIGN I.D.: 44
PLACEMENT DATE: 06/15/2001
WEATHER CONDITIONS: Sunny
TIME SAMPLED: 1:00pm **BATCH TIME:** 12:15pm
TEMPERATURE (F) - AIR 85 F **CONCRETE:** 92 F
TRUCK NO: 1042 **TICKET NO:** 7103321
AIR CONTENT (%): 4.25 **UNIT WEIGHT (pcf):** NA
OVERALL PLACEMENT LOCATION:
Paving strip - 2nd strip south

SAMPLE LOCATION: 60' west and 4' north of southeast corner of paving strip

REPORT OF TESTS

Concrete Compressive Cylinder 6" x 12" (area 28.27 sq. in.)

CYLINDER MARKED SET	CYLINDER MARKED NO.	MEASURED SLUMP (inches)	DATE TESTED	AGE (days)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE
2	1	4.25	06/22/2001	7	118200	4180	Unbonded Cap
2	2	4.25	07/13/2001	28			Unbonded Cap
2	3	4.25	07/13/2001	28			Unbonded Cap
2	4		**Hold**				

Technician: Cody Carroll **Started:** 8:30am **Finished:** 2:15pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.
Clay Stark
Project Manager

TOWN OF ADDISON ®
PUBLIC WORKS DEPARTMENT
Post Office Box 9010 Addison, Texas 75001-9010
(972) 450-2871
16801 Westgrove

March 20, 2001

Mr. Steve Jeske
President
Jeske Construction Company
P.O. Box 59025
Dallas, Texas 75229

Re: NOTICE TO PROCEED
PAVING AND DRAINAGE IMPROVEMENTS
BROADWAY STREET
From ADDISON ROAD TO JULIAN STREET
BID NO. 01-12

Dear Mr. Jeske:

Receipt of this document shall serve as your Notice to Proceed for the above referenced project, effective April 2, 2001. According to the terms and conditions of the contract, the proposed improvements shall be completed within seventy (70) calendar days from the start of construction, at the original contract price of $213,674.80. Please include the Project name and Bid No. 01-12 on all monthly invoices or other correspondence to the Town of Addison.

Should you have any questions, please contact my office at 972-450-2886.

Sincerely,

Steven Z. Chutchian, P.E.
Assistant City Engineer

Cc: Chris Terry, Assistant City Manager
Mike Murphy, Director of Public Works
Jim Pierce, Assistant Director of PublicWorks
Bryan Langley, Assistant Director of Finance
Dave Wilde, Construction Inspector

LETTER OF TRANSMITTAL

DN
Engineering
P.O. Box 9010
01-9010
50-2871 • Fax: (972) 450-2837

DATE 6-19-01	JOB NO.
ATTENTION	
RE: Shimek, Jacobs & Finklea now named Birkhoff, Hendricks & Conway	

Lynn Moran
Town Hall

ENDING YOU
- ☑ Attached
- ☐ Under separate cover via _____ the following items:

wings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

ter ☐ Change order ☐ _____

TE	NO.	DESCRIPTION
		Original letter dtd 6-14-01 from John Birkhoff of Birkhoff Hendricks & Conway, LLP.

ANSMITTED as checked below:

al ☐ Approved as submitted ☐ Resubmit _____ copies for approval

se ☐ Approved as noted ☐ Submit _____ copies for distribution

ed ☐ Returned for corrections ☐ Return _____ corrected prints

and comment ☐ _____

DUE _____ 19____ ☐ PRINTS RETURNED AFTER LOAN TO US

Requesting existing contracts with Town be transferred to Birkhoff Hendricks & Conway

Teve Chutchian

SIGNED: _____

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

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
CONSULTING ENGINEERS

7502 Greenville Ave., #220 Dallas, Texas 75231 Fax (214) 361-0204 Phone (214) 361-7900

JOHN W. BIRKHOFF, P.E.
RONALD V. CONWAY, P.E.
GARY C. HENDRICKS, P.E.
JOE R. CARTER, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

June 14, 2001

Mr. James C. Pierce, Jr., P.E., DEE
City Engineer
Town of Addison
Post Office Box 9010
Addison, Texas 75001-9010

Re: Amendment to Contracts for Engineering Services

Dear Mr. Pierce:

The Town of Addison entered into an agreement with Shimek, Jacobs & Finklea, L.L.P., to provide engineering services for the following projects:

- Marsh Lane Water Line
- Broadway Paving & Drainage
- TNRCC Waiver
- Easement Park
- Surveyor Ground Storage Reservoir
- Special Events District
- Townhall Waterfall
- Addison Road/Bent Tree Plaza Pkwy.
- Addison Road Paving & Drainage

Shimek, Jacobs & Finklea, L.L.P. changed its name to Birkhoff, Hendricks & Conway, L.L.P. on May 28, 2001, and changed its address to 7502 Greenville Ave., Suite 220, Dallas, Texas 75231. We hereby request that the existing contracts for Engineering Services for the above referenced projects be transferred to Birkhoff, Hendricks & Conway, L.L.P.

If this request is agreeable to the Town of Addison, please have one copy of this Letter Amendment executed for the Town of Addison and returned to this office.

Sincerely yours,

John W. Birkhoff, P.E.

APPROVED FOR THE TOWN OF ADDISON

By: _____
James C. Pierce, Jr., P.E., DEE, ~~City Engineer~~ Asst. Public Works Director

Date: 6-19-01

Steve Chutchian

From: John Birkhoff [JBirkhoff@SJFE.NET]
Sent: Thursday, May 24, 2001 12:33 PM
To: schutchian@ci.addison.tx.us
Subject: Broadway

We have completed the survey to determine earthwork quanities and find that the actual is 699 cubic yards. The bid schedule had 520 cubic yards set up. An additoinal 179 cubic yards is due the contractor.

In talking with the technician, he did not do a earth work calculations every 25 feet and more as is now done. He took the overall area and depth of pavement calculaiton. This was done at the last minute to get the bid schedule complete. He tells me he held off due to the changes that he thought were going to be made based on the meetings that we had.

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

IN-PLACE DENSITY TESTING

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125017
Project No.: 014778
Date of Service: 05/15/2001
Report Date: 05/25/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Perform In-Place Density Test in accordance with ASTM Standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
Test Methods: ASTM D-2922
ASTM D-3017

Gauge: Troxler 3401
Gauge Serial No: 4299
Test Mode: DT

Standard Counts
Moisture
Current: 588
Previous: NA

Density
Current: 2025
Previous: NA

MOISTURE DENSITY RELATIONS

M/D No.	Description	Moisture %	Maximum Density pcf	Project Requirements Moisture	Project Requirements Density
1	Sandy Clay w/s gravel & glass fragments, dark brown	18.0	107.0	NA	95 min

FIELD DENSITY TESTS

TEST NO	TEST LOCATION	PROBE DEPTH	M/D No.	MOISTURE (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	DENSITY (% max)
1	**Storm Drain** 21" eastbound Broadway, Station 4+35, 1' below grade	6"	1	21.4	126.9	104.5	98
2	**Storm Drain** 21" westbound Broadway, Station 4+35, 2' below grade	6"	1	19.2	125.9	105.6	99
3	**Storm Drain** 27" at centerline Broadway, Station 3+49, -1' below grade	6"	1	20.6	125.8	104.3	97

Test results on this report meet project specification.

Technician: David Putman **Started:** 10:00a **Finished:** 1:00pm

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.
Clay Stark
Project Manager

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

IN-PLACE DENSITY TESTING

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125531
Project No.: 014778
Date of Service: 05/22/2001
Report Date: 05/29/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Perform In-Place Density Test in accordance with ASTM Standards.

PROJECT DATA

CONTRACTOR: Jeske Construction Co.
Test Methods: ASTM D-2922
ASTM D-3017

Gauge: Troxler 3430
Gauge Serial No: 25250
Test Mode: DT

Standard Counts
Moisture — **Current:** NA, **Previous:** NA
Density — **Current:** NA, **Previous:** NA

MOISTURE DENSITY RELATIONS

M/D No.	Description	Moisture %	Maximum Density pcf	Project Requirements Moisture	Project Requirements Density
1	Sandy Clay w/s gravel & glass fragments, dark brown	18.0	107.0	Optimum +4	95 min
2	Dark brown clay and flexbase mix	22.0	102.0	Optimum +4	95 min

FIELD DENSITY TESTS

TEST NO	TEST LOCATION	PROBE DEPTH	M/D No.	MOISTURE (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	DENSITY (% max)
1	**Paving** Broadway Street eastbound lane, Station 2+75, final grade	6"	1	21.1	121.3	100.2	94 *
2	**Paving** Broadway Street eastbound lane, Station 1+75, final grade	6"	1	22.1*	125.6	102.9	96
3	**Paving** Broadway Street eastbound lane, Station 0+75, final grade	6"	2	31.4*	115.4	87.8	86 *

An asterisk (*) appears next to test results which do NOT meet the project specifications.

Technician: Marshall Knox **Started:** 1:00pm **Finished:** 3:00pm

Rone Engineers, Inc.

Clay Stark
Project Manager

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

MOISTURE DENSITY RELATIONS

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 125295
Project No.: 014778
Date of Service: 05/18/2001
Report Date: 05/23/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain a sample of material from the jobsite, bring the sample back to the laboratory and perform a moisture density relationship test in accordance with ASTM Standards.

PROJECT DATA

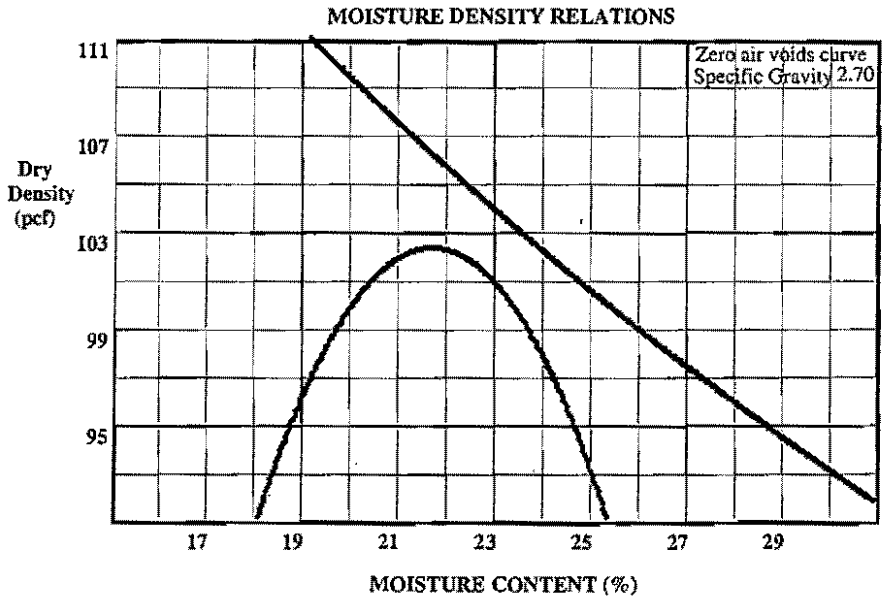
CONTRACTOR: Jeske Construction Co.
TEST FOR: Paving subgrade
MATERIAL: Dark brown clay and flexbase mix
CLASSIFICATION: Paving subgrade
TEST METHOD: ASTM D-698
Method C
ASTM D-4318

DATE SAMPLED: 05/18/2001
MATERIAL PREPARATION: Moist
RAMMER TYPE: Mechanical
SAMPLED BY: Knox, Marshall
SAMPLE LOCATION: Broadway Street, paving station 1+00

REPORT OF TEST

MAXIMUM DRY DENSITY, pcf: 102.0
OPTIMUM MOISTURE CONTENT, %: 22.0

LIQUID LIMIT: 55
PLASTIC LIMIT: 28
PLASTICITY INDEX: 27



Technician: Marshall Knox
Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

TOWN OF ADDISON
PUBLIC WORKS DEPARTMENT (972) 450-2871
Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

May 17, 2001

Mr. Keith A. Smith, P.E
Project Manager
Mobility Programs Development
Dallas Area Rapid Transit
P.O. Box 660163
1401 Pacific Avenue
Dallas, Texas 75266-7212

Re: Broadway Ave. Plan

Dear Mr. Smith:

Attached is a plan drawing of the Broadway Street paving and drainage project that is currently under construction. This drawing shows DART's right-of-way line in relation to Broadway St. and other existing properties. In addition, the Town's suggested alignment for the proposed barrier fence is shown in red. The fence offset on the east end of our construction project would allow us to maintain necessary drainage features.

If you have any questions or would like to discuss the Broadway St. project, please call me at 972-450-2886.

Sincerely,

Steven Z. Chutchian, P.E.
Assistant City Engineer

Cc: Mike Murphy, P.E., Director of Public Works
Jim Pierce, P.E., Assistant Director of Public Works

Dallas Area Rapid Transit
P.O. Box 660163
1401 Pacific Avenue
Dallas, Texas 75266-7212

Keith A. Smith, P.E.
Project Manager
Mobility Programs Development

(214) 749-2925
Pager (214) 408-9202
Fax (214) 749-3670
E-mail: keiths@dart.org

RE Fence along RR

Steve - Please send a copy of Broadway St Plans to Keith Smith

Jim

RoneEngineers
A LEIGH COMPANY

8908 Ambassador Row
Dallas, Texas 75247-4510
(214) 630-9745
(214) 630-9819 (fax)

MOISTURE DENSITY RELATIONS

Client: Jeske Construction Company
Attn: Mr. Steve Jeske
2546 Merrell Rd.
PO Box 59025
Dallas TX 75229

Report No.: 124404
Project No.: 014778
Date of Service: 05/03/2001
Report Date: 05/07/2001

Project: Broadway Road Improvements
Town of Addison
Addison, TX

Services: Obtain a sample of material from the jobsite, bring the sample back to the laboratory and perform a moisture density relationship test in accordance with ASTM Standards.

PROJECT DATA

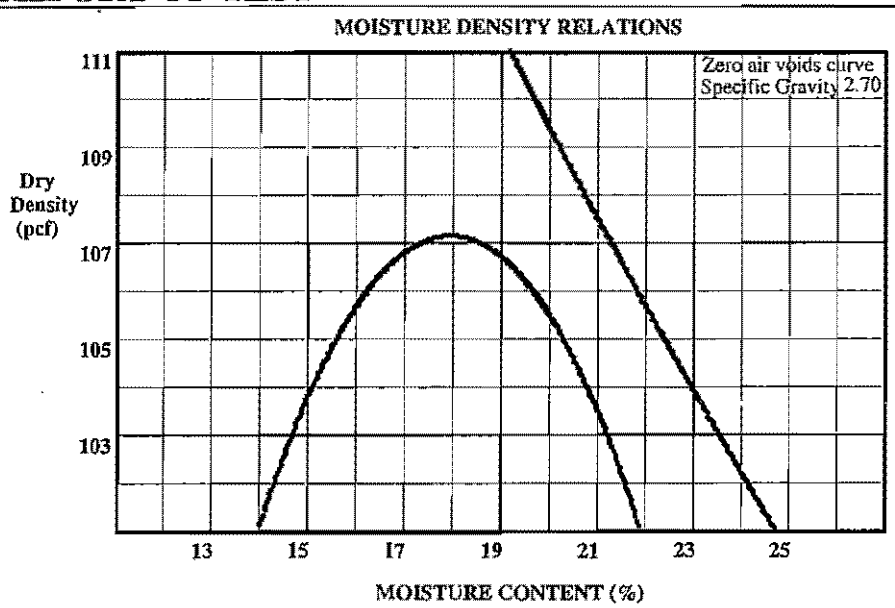
CONTRACTOR: Jeske Construction Co.
TEST FOR: Trench backfill
MATERIAL: Sandy Clay w/s gravel & glass fragments, dark brown
CLASSIFICATION: Trench backfill
TEST METHOD: ASTM D-698
Method B
ASTM D-4318

DATE SAMPLED: 05/03/2001
MATERIAL PREPARATION: Moist
RAMMER TYPE: Mechanical
SAMPLED BY: Knox, Marshall
SAMPLE LOCATION: Stockpile

REPORT OF TEST

MAXIMUM DRY DENSITY, pcf: 107.0
OPTIMUM MOISTURE CONTENT, %: 18.0

LIQUID LIMIT: 52
PLASTIC LIMIT: 19
PLASTICITY INDEX: 33



Technician: Marshall Knox

Report Distribution:
(1) Jeske Construction Company
(1) Shimek, Jacobs & Finklea, LLP
(1) Town of Addison
(1) Town of Addison

Rone Engineers, Inc.

Clay Stark
Project Manager

TOWN OF ADDISON®

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

March 20, 2001

Dear Property Owner:

The Town of Addison has selected a contractor, Jeske Construction Company, to perform paving and drainage improvements on Broadway Street. A notice to proceed has been issued to the contractor, effective April 2, 2001. We look for construction to begin the first week of April and be completed by the end of June 2001. During the initial stage of construction, the existing asphalt alley, located north of Broadway Street, will be leveled with asphalt and a crushed stone surface will be provided adjacent to the alley for temporary parking and pedestrian access.

Should you have any questions or concerns regarding the upcoming paving and drainage improvements on Broadway Street, please feel free to contact Mr. Steve Chutchian, Assistant City Engineer, at 972-450-2886.

Your attention and consideration of this matter is greatly appreciated.

Sincerely,

Michael E. Murphy, P.E.
Director of Public Works

Cc: Chris Terry, Assistant City Manager
Jim Pierce, Assistant Director of Public Works
Steve Chutchian, Assistant City Engineer

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

Date: 3/20/01

Time: 2:00 p.m.

Client: Town of Addison

Type of Meeting: **Pre Constructuion**

Project: Broadway Paving and Drainage

ATTENDANCE SHEET

	Name	Representing	Phone Number	Fax Number
1.	John W. Birkhoff	Shimek, Jacobs & Finklea, L.L.P.	(214) 361-7900	(214) 361-0204
2.	Steve Chutchian,	Town of Addison	(972)-450-2886	(972)-450-2837
3.	Ed Jeske	Jeske Const. Co	972-620 2248	972 620 9852
4.	Brian Rohr	Rone Engineers	214 630-9745	214 630-9819
5.	DAVE WILDE	TofA	972-450-2847	-2837
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

Date: 3/20/01

Time: 2:00 pm

Client: Town of Addison

Type of Meeting: **Pre-Construction Conference**

Project: Broadway Paving and Drainage

AGENDA

1. Introduction (Attendance Sheet)

2. Superintendents: Name: MIKE NELSON

   Phone No. (Day) ~~972-~~ (Night)

   Steve Jeske 214 850 8879 (mobile)

   Subcontractor(s): Name: M-CO (WATER + STORM SEWER)

   Phone No. (Day) (Night)

   Name: UNITED RENTAL

   Phone No. (Day) (Night)

3. City Inspector: Name: DALE WILDE

   Phone No. (Day) 214-215-6528 (mobile) (Night) 972-450-2847

4. Construction Schedule and Phasing

5. Cash Flow Projection

6. Shop Drawing Schedule - pipe sizing, etc.

7. Insurance Certificates ✓

8. Clean-Up/Working Conditions/Sanitation

9. Monthly Pay Request (10% Retainage)

10. Extra Work (Executed Change Orders)

11. Contract Documents and Work Order

12. Miscellaneous Comments

Jeske Construction Co.

Jeske Construction Co.
Mailing: P.O. Box 59025
Dallas, Texas 75229

Physical: 2546 Merrell Rd. #106
Dallas, Texas 75229

Phone: (972)620-2248
Fax: (972)620-9852

Officers: Steve Jeske, President
E. P. Jeske, Vice President
Bernice Jeske, Secretary
Paul Jeske, Treasurer

Doing business since 1954, Incorporated in August 1970, State of Texas.

Bonding Co.: Hartford Fire Insurance
P.O. Box 927
Dallas, Texas 75221

Agent: Tucker Agency
206 E. 8th St., Suite 210
Fort Worth, Texas 76102
(817)429-3990

Jeske Construction Co. has no litigation history.

Jeske Construction Co.

P.O. Box 59025, Dallas, TX 75229
(972)620-2248 FAX (972)620-9852

TO: Steve Chutchian FAX #: (972) 450-2837

COMPANY: Town of Addison

RE: References

FROM: Debbie

TOTAL PAGES INCLUDING COVER SHEET: 5

Jeske Construction Co.

Lisbon Branch Bridge $747,237.40
City of Dallas - ~~Richard Stauffer~~ (214)948-4679 Craig Robinson
320 E. Jefferson Blvd.
Dallas, TX 75203

Paving Improvements Mohawk Dr. $367,494.00
City of Dallas - Mufid Abdulqader (214)948-4677
320 E. Jefferson Blvd.
Dallas, TX 75203

Sidewalk Group 98-107 $145,408.70
City of Dallas - Sirak Bahta (214)948-4156
320 E. Jefferson Blvd.
Dallas, TX 75203

Street Group 98-424 $491,896.00
City of Dallas - Kassam Elkhalil (214)948-4126
320 E. Jefferson Blvd
Dallas, TX 75203

Alley Between Martel & Penrose $112,667.00
City of Dallas - Chau Nguyen (214)948-4270
320 E. Jefferson Blvd.
Dallas, TX 75203

Park & Channel Improvements - Fritz Park $2,081,501.79
City of Irving - Casey Tate (972)721-2501
825 W. Irving Blvd.
Irving, TX 75060

P.O. Box 59025 • Dallas, Texas 75229 • 214/620-2248 • Fax 214/620-9852

Jeske Construction Co.

COMPLETED CONTRACTS OVER $250,000.00

Pleasant Branch Drainage Improvements $765,893.31
City of Dallas - Lloyd Denman (214)948-4684
320 E. Jefferson Blvd.
Dallas, TX 75203
Job Location: Prairie Creek Rd. at Cherrybrook (59E)
Multiple Box Culvert, Channel Excavation, Channel Lining, Utilities
Contract Time: 100 working days
Completed: 76 working days

Paving & Drainage Improvements Checota Drive $479,847.65
City of Dallas - Mufid Abdulqader (214)948-4677
320 E. Jefferson Blvd.
Dallas, TX 75203
Job Location: Checota from Amity to Gardenside (59G)
Street Paving, Storm Sewer and Utilities
Contract Time: 75 Working Days
Completed: 80 Working Days $1,200.00 in liquidated damages.

Hutton Branch Channel Improvements-Phase II $2,676,614.43
City of Carrollton - ~~Peter Magnanti~~ Randy Walhood (972)466-3200
1945 Jackson Rd.
Carrollton, TX 75011
Job Location: Hutton Br. Creek at North Perry Rd. from Jimmy Porter Park to Thomas Park (2U and 2Z)
Concrete Channel Lining, Weirs, Gabions, Storm Sewer, Irrigation, Landscaping
Contract Time: 500 Calendar Days
Completed: 518 Calendar Days No liquidated damages.

Highland Creek Erosion Control Improvements $303,765.76
City of Carrollton - ~~Peter Magnati~~ Randy Walhood (972)466-3200
1945 Jackson Rd.
Carrollton, TX 75011
Job Location: Highland Creek at Kelly Rd. and Wickham Circle (654Y)
Channel Lining, Retaining Walls, Concrete Piers
Contract Time: 180 Calendar Days
Completed: 97 Calendar Days

Beckley Club Branch Creek $391,374.94
City of Dallas - Lloyd Denman (214)948-4684
320 E. Jefferson Blvd.
Dallas, TX 75203
Job Location: Beckley Club Creek from Ohio to Dobson between Arizona and Michigan (54V)
Channel Excavation, Erosion Control Mat, Sewer Laterals
Contract Time: 100 working days
Complete: 100 working days

P.O. Box 59025 • Dallas, Texas 75229 • 214/620-2248 • Fax 214/620-9852

Jeske Construction Co.

Drainage Improvements Lisbon Branch $1,076,073.06
City of Dallas - Richard Stauffer (214)948-4679
320 E. Jefferson Blvd.
Dallas, TX 75203
Job Location: Lisbon Creek from Mentor to Adelaide between Frio and Gracey (65G)
Multiple Box Culvert, Street Paving, Channel Lining, Storm Sewer, and Utilities
Contract Time: 170 Working Days
Completed: 168 Working Days

Paving & Drainage Improvements Wagon Wheels Tr. $806,233.59
City of Dallas - Chiamin Hsu (214)948-4128
320 E. Jefferson Blvd.
Dallas, TX 75203
Job Location: Wagon Wheels Tr. from Lazy River to Lancaster Road (65L and 65M)
Street Paving, Storm Sewer and Utilities
Contract Time: 150 Working Days
Completed: 150 Working Days

Powell Fill Removal @ White Rock Creek $508,463.50
City of Dallas - Richard Stauffer (214)948-4679
320 E. Jefferson Blvd.
Dallas, TX 75203
Job Location: White Rock Creek, just west of Hilcrest and North of Alpha (15M)
Overbank Excavation, Landscaping
Contract Time: 75 working days
Complete: 60 working days

Jeske Construction Co. has never had an accident involving death, disability or damage in excess of $25,000.00 and has never had a citation from OSHA.

P.O. Box 59025 • Dallas, Texas 75229 • 214/620-2248 • Fax 214/620-9852

TOWN OF ADDISON

Post Office Box 9010 Addison, Texas 75001-9010 5300 Belt Line Road

(972) 450-7000
FAX (972) 450-7043

AGENDA

REGULAR MEETING OF THE CITY COUNCIL

February 27, 2001

7:30 P.M.

COUNCIL CHAMBERS

5300 BELT LINE ROAD

REGULAR SESSION

Item #R1 - Consideration of Old Business.

Item #R2 - Consent Agenda.

CONSENT AGENDA

#2a -	Approval of the Minutes for the February 12, 2001, February 13, 2001, and February 19, 2001 Council Meetings.
#2b -	Consideration of a Resolution authorizing the City Manager to enter into an agreement in the amount of $213,674.80 with Jeske Construction for Broadway Street Paving and Drainage Improvements.
#2c -	Acceptance of improvements and authorization of final payment in the amount of $3,963.25 to Hencie International, Inc. for the Central Fire Station Paving and Drainage Improvements project.
#2d -	Consideration of a Resolution approving a sponsorship agreement in the amount of $50,000 with the Cavanaugh Flight Museum for marketing events and promotional material.
#2e -	Approval in the amount of $73,105 for printing of the Addison restaurant map, Z-fold restaurant map, and Addison Visitor Brochure.
#2f -	Consideration of a Resolution authorizing the continued participation in the Standing Steering Committee of Cities Served by TXU (SSC) with a fee in the amount of $1,325 for participation.

Passed

Passed

Steve - for your file

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

January 24, 2001

Dear Property Owner:

The Town of Addison recently initiated the bidding process regarding proposed paving and drainage improvements on Broadway Street. It is anticipated that construction will begin in mid-March, 2001. Each property owner will be notified prior to the start of actual on-site construction activity.

At this time, a contractor, representing Southwestern Bell Telephone, is performing emergency repairs to existing lines at the intersection of Broadway St. and Addison Road. This work is unrelated to the Town's scheduled street improvements but should be completed very soon.

Our staff will make every effort to provide continued access to your business. During construction of the paving and drainage improvements, the existing alley located north of Broadway St. will be leveled with asphalt and the adjacent parkway area will be layered with crushed stone to provide temporary parking and pedestrian accessibility.

Should you have any questions regarding the upcoming improvements on Broadway St., please feel free to contact my office, at 972-450-2886.

Sincerely,

Mike Murphy, P.E.
Director of Public Works

Cc: Chris Terry, Assistant City Manager
Jim Pierce, Assistant Director of Public Works
Steve Chutchian, Assistant City Engineer

February 19, 2001

MEMORANDUM

To: Chris Terry, Assistant City Manager

Through: Mike Murphy, P.E., Director of Public Works

From: Steve Chutchian, P.E., Assistant City Engineer

Cc: Jim Pierce, P.E., Assistant Director of Public Works

Subject: Broadway Street Paving & Drainage Improvements
Contract Award

Attached is the bid tabulation from the Public Works Department for the proposed Broadway Street Paving and Drainage Improvements project. This street will be reconstructed with 8" reinforced concrete pavement, from Addison Road to Julian Street, and will include the paving and striping of head-in parking on both sides of the roadway. In addition, modifications to existing drainage facilities will be constructed as part of the project.

Funding for this project will be from the Street Capital Project Fund.

START 3/30/01

Jeske Construction submitted the lowest responsive bid, in the amount of $213,674.80. The engineering estimate for these improvements was $212,000. The contractor has successfully completed construction of related improvements for other municipalities in the area. The quality of work was considered excellent and performed in a timely manner on each project.

Staff recommends that Council authorize the City Manager to enter into a contract with Jeske Construction for the Broadway Street Paving and Drainage Improvements, from Addison Road to Julian Street, in the amount of $213,674.80.

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

8333 Douglas Avenue, #820 Dallas, Texas 75225-5816 Fax (214) 361-0204 Phone (214) 361-7900

RONALD V. CONWAY, P.E.
JOHN W. BIRKHOFF, P.E.
JOE R. CARTER, P.E.
GARY C. HENDRICKS, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

February 15, 2001

Mr. Jim Wilson,
Town of Addison
Post Office Box 9010
Addison, Texas 75001-9010

Re: Paving and Drainage Improvements
Broadway Street

Dear Mr. Wilson:

We have checked the bids received at 2:00 p.m., Tuesday, February 13, 2001 for the Paving and Drainage Improvements to Broadway project. We are enclosing three copies of the Bid Tabulation and the original bidding documents.

The low bid was received from Jeske Construction Company of Dallas, Texas, in the amount of $213,674.80. The second low bid was received from Gibson & Associates, Inc in the amount of $259,773.80. The apparent second low bidder, Ed A. Wilson, Inc., included a no bid to one of the bid items which caused their bid to be non responsive.

The low bidder, Jeske Construction, has a record of satisfactory completing projects similar to this project. Accordingly, based on the information we have available to us, we recommend that the Town of Addison award a construction contract to Jeske Construction Company in the amount of $213,674.80. We are available at your convenience to discuss any questions you may have with our recommendation.

Sincerely,

John W. Birkhoff, P.E.

Enclosures

TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

BID SUMMARY
Bids Received Until 2:00 p.m., Tuesday, February 13, 2001

	Contractor	Total Amount Bid
1.	Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229	$ 213,674.80
2.	Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126	$ 222,983.50
3.	Gibson & Associates, Inc. 11210 Ryliecrest Balch Springs, Texas 75180	$ 259,773.80
4.	Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	$ 273,097.00
5.	JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187	$ 313,486.50
6.	Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047	$ 323,884.00
7.	Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211	$ 324,067.00

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229		BID OF Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126		BID OF Gibson & Associates, Inc. 11210 Rylieerest Balch Springs, Texas 75180		BID OF Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	
				Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension
1	520	C.Y.	Unclassified Excavation	$11.00	$ 5,720.00	$45.00	$ 23,400.00	$66.00	$ 34,320.00	$55.00	$ 28,600.00
2	2,285	S.Y.	For Furnishing and Installing 8-Inch Reinforced Concrete Pavement	$41.00	$ 93,685.00	$44.50	$ 101,682.50	$35.20	$ 80,432.00	$52.00	$ 118,820.00
3	700	L.F.	For Furnishing and Installing 6-Inch Monolithic Curb	$2.50	$ 1,750.00	$3.50	$ 2,450.00	$2.50	$ 1,750.00	$1.00	$ 700.00
4	41	L.F.	For Furnishing and Installing Undercut Street Header	$7.00	$ 287.00	$15.00	$ 615.00	$10.00	$ 410.00	$10.00	$ 410.00
5	24	S.Y.	For Furnishing and Installing 3-Inch HMAC, Type "D"	$18.00	$ 432.00	$45.00	$ 1,080.00	$44.00	$ 1,056.00	$25.00	$ 600.00
6	27	S.Y.	For Furnishing and Installing 10-Inch Crush Stone Base, Type A, Grade 2	$12.00	$ 324.00	$40.00	$ 1,080.00	$30.00	$ 810.00	$30.00	$ 810.00
7	2,317	S.Y.	For Furnishing and Installing 6-Inch Compacted Subgrade	$1.20	$ 2,780.40	$3.00	$ 6,951.00	$13.20	$ 30,584.40	$2.00	$ 4,634.00
8	546	S.F.	For Furnishing and Installing 4-Inch Reinforced Concrete Sidewalk	$3.90	$ 2,129.40	$4.50	$ 2,457.00	$3.50	$ 1,911.00	$3.00	$ 1,638.00
9	127	S.F.	For Furnishing and Installing Reinforced Concrete Barrier Free Ramp	$6.50	$ 825.50	$6.50	$ 825.50	$4.00	$ 508.00	$5.00	$ 635.00
10	35	L.F.	For Furnishing and Installing Guard Rail	$22.00	$ 770.00	$25.00	$ 875.00	$38.50	$ 1,347.50	$50.00	$ 1,750.00
11	100	S.F.	For Furnishing and Installing Sidewalk with Brick Pavers	$9.00	$ 900.00	$15.00	$ 1,500.00	$16.50	$ 1,650.00	$10.00	$ 1,000.00
12	608	S.F.	Remove and Replace Exposed Aggregate Sidewalk Bordered with Brick Pavers	$12.00	$ 7,296.00	$15.00	$ 9,120.00	$27.50	$ 16,720.00	$15.00	$ 9,120.00
13	22	L.F.	For Removing Existing 24-Inch RCP	$11.00	$ 242.00	$25.00	$ 550.00	$22.00	$ 484.00	$30.00	$ 660.00
14	46	L.F.	For Removing Existing 8-Inch PVC	$8.00	$ 368.00	$20.00	$ 920.00	$16.50	$ 759.00	$15.00	$ 690.00
15	34	L.F.	For Removing Existing 12-Inch PVC	$24.00	$ 816.00	$20.00	$ 680.00	$9.90	$ 336.60	$20.00	$ 680.00
16	10	L.F.	For Removing and Replacing Existing Chain Link Fence	$25.00	$ 250.00	$40.00	$ 400.00	$25.00	$ 250.00	$50.00	$ 500.00
17	21	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe without Slots	$105.00	$ 2,205.00	$40.00	$ 840.00	$88.00	$ 1,848.00	$45.00	$ 945.00
18	342	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe with Slots	$82.00	$ 28,044.00	$75.00	$ 25,650.00	$78.10	$ 26,710.20	$72.00	$ 24,624.00
19	44	L.F.	For Furnishing and Installing 27-Inch RCP	$110.00	$ 4,840.00	$75.00	$ 3,300.00	$85.80	$ 3,775.20	$58.00	$ 2,552.00
20	42	L.F.	For Furnishing and Installing 21-Inch RCP	$105.00	$ 4,410.00	$65.00	$ 2,730.00	$71.50	$ 3,003.00	$47.00	$ 1,974.00
21	2	C.Y.	For Furnishing and Installing Sloped Concrete Headwall for 21-Inch RCP	$320.00	$ 640.00	$500.00	$ 1,000.00	$825.00	$ 1,650.00	$500.00	$ 1,000.00

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229		BID OF Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126		BID OF Gibson & Associates, Inc. 11210 Rylieerest Balch Springs, Texas 75180		BID OF Tisco Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	
				Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension
22	4	Ea.	For Connecting to Existing 48-Inch RCP	$2,400.00	$ 9,600.00	$200.00	$ 800.00	$825.00	$ 3,300.00	$500.00	$ 2,000.00
23	1	Ea.	For Furnishing and Installing 3-Foot by 3-Foot Drop Inlet	$2,100.00	$ 2,100.00	$2,500.00	$ 2,500.00	$2,090.00	$ 2,090.00	$2,000.00	$ 2,000.00
24	8	Ea.	For Furnishing and Installing 4-Inch Bollard	$150.00	$ 1,200.00	$150.00	$ 1,200.00	$350.00	$ 2,800.00	$400.00	$ 3,200.00
25	18	L.F.	For Furnishing and Installing 8-Inch PVC Water Line	$130.00	$ 2,340.00	$70.00	$ 1,260.00	$71.50	$ 1,287.00	$40.00	$ 720.00
26	3	L.F.	For Furnishing and Installing 2-Inch PVC Water Line	$87.00	$ 261.00	$50.00	$ 150.00	$115.50	$ 346.50	$50.00	$ 150.00
27	1	Ea.	For Connecting to Existing 2-Inch Water Line	$2,090.00	$ 2,090.00	$500.00	$ 500.00	$275.00	$ 275.00	$500.00	$ 500.00
28	1	Ea.	For Connecting to Existing 8-Inch Water Line	$510.00	$ 510.00	$250.00	$ 250.00	$495.00	$ 495.00	$1,300.00	$ 1,300.00
29	670	L.F.	For Furnishing and Installing Fire Lane Stripe	$0.25	$ 167.50	$0.75	$ 502.50	$0.28	$ 187.60	$2.00	$ 1,340.00
30	1,110	L.F.	For Furnishing and Installing 4-Inch Wide White Stripe	$0.20	$ 222.00	$0.50	$ 555.00	$0.28	$ 310.80	$1.00	$ 1,110.00
31	4	Ea.	For Furnishing and Installing Handicap Symbol	$25.00	$ 100.00	$50.00	$ 200.00	$27.50	$ 110.00	$250.00	$ 1,000.00
32	2	Ea.	For Furnishing and Installing Handicap Ramp	$620.00	$ 1,240.00	$550.00	$ 1,100.00	$165.00	$ 330.00	$500.00	$ 1,000.00
33	42	Ea.	For Furnishing and Installing Wheel Stop	$35.00	$ 1,470.00	$30.00	$ 1,260.00	$38.50	$ 1,617.00	$30.00	$ 1,260.00
34	1	L.S.	For Providing Trench Safety System Design	$600.00	$ 600.00	$600.00	$ 600.00	$880.00	$ 880.00	$6,000.00	$ 6,000.00
35	100	L.F.	For Furnishing and Installing Trench Safety System	$1.00	$ 100.00	$2.00	$ 200.00	$2.20	$ 220.00	$2.25	$ 225.00
36	8	Ea.	Relocating Water Meter with New Meter Box	$1,490.00	$ 11,920.00	$600.00	$ 4,800.00	$1,320.00	$ 10,560.00	$2,500.00	$ 20,000.00
37	700	S.Y.	For Constructing, Maintaining, Removal and Restoration of Temporary Parking Lot, including Four Direction Signs (Blue Background, White Letters, 6" Tall)	$16.00	$ 11,200.00	$10.00	$ 7,000.00	$20.00	$ 14,000.00	$21.00	$ 14,700.00
38	150	Tons	For Alley Rehabilitation with TxDOT, Type "D" Hot Mix	$62.00	$ 9,300.00	$80.00	$ 12,000.00	$66.00	$ 9,900.00	$85.00	$ 12,750.00
39	3	Ea.	For Adjustment of Waterline Valve Stack, including Debris Cap in Stack	$180.00	$ 540.00	*NO BID*	$ -	$250.00	$ 750.00	$500.00	$ 1,500.00
			TOTAL AMOUNT BID (Items 1 Through 39)		**$ 213,674.80**		**$ 222,983.50**		**$ 259,773.80**		**$ 273,097.00**

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187 Unit Bid Price	Extension	BID OF Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047 Unit Bid Price	Extension	BID OF Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211 Unit Bid Price	Extension
1	520	C.Y.	Unclassified Excavation	$50.00	$ 26,000.00	$25.00	$ 13,000.00	$25.00	$ 13,000.00
2	2,285	S.Y.	For Furnishing and Installing 8-Inch Reinforced Concrete Pavement	$55.00	$ 125,675.00	$74.00	$ 169,090.00	$41.00	$ 93,685.00
3	700	L.F.	For Furnishing and Installing 6-Inch Monolithic Curb	$3.00	$ 2,100.00	$3.00	$ 2,100.00	$10.00	$ 7,000.00
4	41	L.F.	For Furnishing and Installing Undercut Street Header	$12.00	$ 492.00	$15.00	$ 615.00	$20.00	$ 820.00
5	24	S.Y.	For Furnishing and Installing 3-Inch HMAC, Type "D"	$25.00	$ 600.00	$30.00	$ 720.00	$100.00	$ 2,400.00
6	27	S.Y.	For Furnishing and Installing 10-Inch Crush Stone Base, Type A, Grade 2	$25.00	$ 675.00	$20.00	$ 540.00	$60.00	$ 1,620.00
7	2,317	S.Y.	For Furnishing and Installing 6-Inch Compacted Subgrade	$5.00	$ 11,585.00	$3.00	$ 6,951.00	$15.00	$ 34,755.00
8	546	S.F.	For Furnishing and Installing 4-Inch Reinforced Concrete Sidewalk	$4.00	$ 2,184.00	$5.00	$ 2,730.00	$10.00	$ 5,460.00
9	127	S.F.	For Furnishing and Installing Reinforced Concrete Barrier Free Ramp	$8.00	$ 1,016.00	$6.00	$ 762.00	$15.00	$ 1,905.00
10	35	L.F.	For Furnishing and Installing Guard Rail	$50.00	$ 1,750.00	$50.00	$ 1,750.00	$100.00	$ 3,500.00
11	100	S.F.	For Furnishing and Installing Sidewalk with Brick Pavers	$9.00	$ 900.00	$16.00	$ 1,600.00	$20.00	$ 2,000.00
12	608	S.F.	Remove and Replace Exposed Aggregate Sidewalk Bordered with Brick Pavers	$15.00	$ 9,120.00	$17.00	$ 10,336.00	$20.00	$ 12,160.00
13	22	L.F.	For Removing Existing 24-Inch RCP	$7.00	$ 154.00	$15.00	$ 330.00	$50.00	$ 1,100.00
14	46	L.F.	For Removing Existing 8-Inch PVC	$7.00	$ 322.00	$5.00	$ 230.00	$30.00	$ 1,380.00
15	34	L.F.	For Removing Existing 12-Inch PVC	$7.00	$ 238.00	$6.00	$ 204.00	$45.00	$ 1,530.00
16	10	L.F.	For Removing and Replacing Existing Chain Link Fence	$40.00	$ 400.00	$30.00	$ 300.00	$50.00	$ 500.00
17	21	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe without Slots	$75.00	$ 1,575.00	$100.00	$ 2,100.00	$100.00	$ 2,100.00
18	342	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe with Slots	$75.00	$ 25,650.00	$93.00	$ 31,806.00	$85.00	$ 29,070.00
19	44	L.F.	For Furnishing and Installing 27-Inch RCP	$65.00	$ 2,860.00	$80.00	$ 3,520.00	$70.00	$ 3,080.00
20	42	L.F.	For Furnishing and Installing 21-Inch RCP	$65.00	$ 2,730.00	$75.00	$ 3,150.00	$68.00	$ 2,856.00
21	2	C.Y.	For Furnishing and Installing Sloped Concrete Headwall for 21-Inch RCP	$750.00	$ 1,500.00	$300.00	$ 600.00	$300.00	$ 600.00

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187 Unit Bid Price	Extension	BID OF Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047 Unit Bid Price	Extension	BID OF Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211 Unit Bid Price	Extension
22	4	Ea.	For Connecting to Existing 48-Inch RCP	$2,000.00	$ 8,000.00	$500.00	$ 2,000.00	$2,800.00	$ 11,200.00
23	1	Ea.	For Furnishing and Installing 3-Foot by 3-Foot Drop Inlet	$5,500.00	$ 5,500.00	$3,000.00	$ 3,000.00	$2,900.00	$ 2,900.00
24	8	Ea.	For Furnishing and Installing 4-Inch Bollard	$1,000.00	$ 8,000.00	$100.00	$ 800.00	$175.00	$ 1,400.00
25	18	L.F.	For Furnishing and Installing 8-Inch PVC Water Line	$100.00	$ 1,800.00	$200.00	$ 3,600.00	$100.00	$ 1,800.00
26	3	L.F.	For Furnishing and Installing 2-Inch PVC Water Line	$100.00	$ 300.00	$100.00	$ 300.00	$100.00	$ 300.00
27	1	Ea.	For Connecting to Existing 2-Inch Water Line	$2,500.00	$ 2,500.00	$500.00	$ 500.00	$1,000.00	$ 1,000.00
28	1	Ea.	For Connecting to Existing 8-Inch Water Line	$2,500.00	$ 2,500.00	$1,000.00	$ 1,000.00	$3,500.00	$ 3,500.00
29	670	L.F.	For Furnishing and Installing Fire Lane Stripe	$0.20	$ 134.00	$1.00	$ 670.00	$2.00	$ 1,340.00
30	1,110	L.F.	For Furnishing and Installing 4-Inch Wide White Stripe	$0.15	$ 166.50	$4.00	$ 4,440.00	$1.00	$ 1,110.00
31	4	Ea.	For Furnishing and Installing Handicap Symbol	$275.00	$ 1,100.00	$800.00	$ 3,200.00	$100.00	$ 400.00
32	2	Ea.	For Furnishing and Installing Handicap Ramp	$750.00	$ 1,500.00	$1,500.00	$ 3,000.00	$650.00	$ 1,300.00
33	42	Ea.	For Furnishing and Installing Wheel Stop	$30.00	$ 1,260.00	$20.00	$ 840.00	$30.00	$ 1,260.00
34	1	L.S.	For Providing Trench Safety System Design	$400.00	$ 400.00	$500.00	$ 500.00	$1,000.00	$ 1,000.00
35	100	L.F.	For Furnishing and Installing Trench Safety System	$4.00	$ 400.00	$1.00	$ 100.00	$20.00	$ 2,000.00
36	8	Ea.	Relocating Water Meter with New Meter Box	$200.00	$ 1,600.00	$1,000.00	$ 8,000.00	$1,264.00	$ 10,112.00
37	700	S.Y.	For Constructing, Maintaining, Removal and Restoration of Temporary Parking Lot, including Four Direction Signs (Blue Background, White Letters, 6" Tall)	$65.00	$ 45,500.00	$35.00	$ 24,500.00	$68.00	$ 47,600.00
38	150	Tons	For Alley Rehabilitation with TxDOT, Type "D" Hot Mix	$95.00	$ 14,250.00	$100.00	$ 15,000.00	$99.00	$ 14,850.00
39	3	Ea.	For Adjustment of Waterline Valve Stack, including Debris Cap in Stack	$350.00	$ 1,050.00	*NO BID*	$ -	$158.00	$ 474.00
			TOTAL AMOUNT BID (Items 1 Through 39)		**$ 313,486.50**		**$ 323,884.00**		**$ 324,067.00**

February 19, 2001

MEMORANDUM

To: Chris Terry, Assistant City Manager

Through: Mike Murphy, P.E., Director of Public Works

From: Steve Chutchian, P.E., Assistant City Engineer

Cc: Jim Pierce, P.E., Assistant Director of Public Works

Subject: Broadway Street Paving & Drainage Improvements
Contract Award

Attached is the bid tabulation from the Public Works Department for the proposed Broadway Street Paving and Drainage Improvements project. This street will be reconstructed with 8" reinforced concrete pavement, from Addison Road to Julian Street, and will include the paving and striping of head-in parking on both sides of the roadway. In addition, modifications to existing drainage facilities will be constructed as part of the project.

Funding for this project was established in the Five Year Capital Project Bond Program.

Jeske Construction submitted the lowest responsive bid, in the amount of $213,674.80. The engineering estimate for these improvements was $212,000. The contractor has successfully completed construction of related improvements for other municipalities in the area. The quality of work was considered excellent and performed in a timely manner on each project.

Staff recommends that Council authorize the City Manager to enter into a contract with Jeske Construction for the Broadway Street Paving and Drainage Improvements, from Addison Road to Julian Street, in the amount of $213,674.80.

February 19, 2001

MEMORANDUM

To: Chris Terry, Assistant City Manager

Through: Mike Murphy, P.E., Director of Public Works

From: Steve Chutchian, P.E., Assistant City Engineer

Cc: Jim Pierce, P.E., Assistant Director of Public Works

Subject: Broadway Street Paving & Drainage Improvements
Contract Award

Attached is the bid tabulation from the Public Works Department for the proposed Broadway Street Paving and Drainage Improvements project. This street will be reconstructed with 8" reinforced concrete pavement, from Addison Road to Julian Street, and will include the paving and striping of head-in parking on both sides of the roadway. In addition, modifications to existing drainage facilities will be constructed as part of the project.

Funding for this project was established in the Five Year Capital Project Bond Program.

Jeske Construction submitted the lowest responsive bid, in the amount of $213,674.80. The engineering estimate for these improvements was $212,000. The contractor has successfully completed construction of related improvements for other municipalities in the area. The quality of work was considered excellent and performed in a timely manner on each project.

Staff recommends that Council authorize the City Manager to enter into a contract with Jeske Construction for the Broadway Street Paving and Drainage Improvements, from Addison Road to Julian Street, in the amount of $213,674.80.

Paving and Drainage Improvements Broadway St Addison Rd to Julian St

BID NO 01-12

DUE: February 13, 2001

BIDDER	SIGNED	TOTAL
TISEO PAVING CO	✓	273,097 ✓
TX STANDARD CONSTRUCTION $324,067.00	✓	325 881 ✓
✓ JESKE CONSTRUCTION	✓	213,674.80
TRI-CON SERVICES	✓	323, 884 ✓
JDJ CONSTRUCTION CO $313,486.50	✓	~~312,411.50~~
GIBSON & ASSTS,INC	✓	259 773.80
~~Ed~~ H. Wilson.	✓	222,983.50

Bryan Langley, Assistant Finance Director

Minok Suh, Purchasing Coordinator

TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

BID SUMMARY
Bids Received Until 2:00 p.m., Tuesday, February 13, 2001

	Contractor	Total Amount Bid
1.	Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229	$ 213,674.80
2.	Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126	$ 222,983.50
3.	Gibson & Associates, Inc. 11210 Ryliecrest Balch Springs, Texas 75180	$ 259,773.80
4.	Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	$ 273,097.00
5.	JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187	$ 313,486.50
6.	Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047	$ 323,884.00
7.	Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211	$ 324,067.00

TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

BID SUMMARY
Bids Received Until 2:00 p.m., Tuesday, February 13, 2001

	Contractor	Total Amount Bid
1.	Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229	$ 213,674.80
2.	Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126	$ 222,983.50
3.	Gibson & Associates, Inc. 11210 Ryliecrest Balch Springs, Texas 75180	$ 259,773.80
4.	Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	$ 273,097.00
5.	JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187	$ 313,486.50
6.	Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047	$ 323,884.00
7.	Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211	$ 324,067.00

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229		BID OF Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126		BID OF Gibson & Associates, Inc. 11210 Ryliecrest Balch Springs, Texas 75180		BID OF Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	
				Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension
1	520	C.Y.	Unclassified Excavation	$11.00	$ 5,720.00	$45.00	$ 23,400.00	$66.00	$ 34,320.00	$55.00	$ 28,600.00
2	2,285	S.Y.	For Furnishing and Installing 8-Inch Reinforced Concrete Pavement	$41.00	$ 93,685.00	$44.50	$ 101,682.50	$35.20	$ 80,432.00	$52.00	$ 118,820.00
3	700	L.F.	For Furnishing and Installing 6-Inch Monolithic Curb	$2.50	$ 1,750.00	$3.50	$ 2,450.00	$2.50	$ 1,750.00	$1.00	$ 700.00
4	41	L.F.	For Furnishing and Installing Undercut Street Header	$7.00	$ 287.00	$15.00	$ 615.00	$10.00	$ 410.00	$10.00	$ 410.00
5	24	S.Y.	For Furnishing and Installing 3-Inch HMAC, Type "D"	$18.00	$ 432.00	$45.00	$ 1,080.00	$44.00	$ 1,056.00	$25.00	$ 600.00
6	27	S.Y.	For Furnishing and Installing 10-Inch Crush Stone Base, Type A, Grade 2	$12.00	$ 324.00	$40.00	$ 1,080.00	$30.00	$ 810.00	$30.00	$ 810.00
7	2,317	S.Y.	For Furnishing and Installing 6-Inch Compacted Subgrade	$1.20	$ 2,780.40	$3.00	$ 6,951.00	$13.20	$ 30,584.40	$2.00	$ 4,634.00
8	546	S.F.	For Furnishing and Installing 4-Inch Reinforced Concrete Sidewalk	$3.90	$ 2,129.40	$4.50	$ 2,457.00	$3.50	$ 1,911.00	$3.00	$ 1,638.00
9	127	S.F.	For Furnishing and Installing Reinforced Concrete Barrier Free Ramp	$6.50	$ 825.50	$6.50	$ 825.50	$4.00	$ 508.00	$5.00	$ 635.00
10	35	L.F.	For Furnishing and Installing Guard Rail	$22.00	$ 770.00	$25.00	$ 875.00	$38.50	$ 1,347.50	$50.00	$ 1,750.00
11	100	S.F.	For Furnishing and Installing Sidewalk with Brick Pavers	$9.00	$ 900.00	$15.00	$ 1,500.00	$16.50	$ 1,650.00	$10.00	$ 1,000.00
12	608	S.F.	Remove and Replace Exposed Aggregate Sidewalk Bordered with Brick Pavers	$12.00	$ 7,296.00	$15.00	$ 9,120.00	$27.50	$ 16,720.00	$15.00	$ 9,120.00
13	22	L.F.	For Removing Existing 24-Inch RCP	$11.00	$ 242.00	$25.00	$ 550.00	$22.00	$ 484.00	$30.00	$ 660.00
14	46	L.F.	For Removing Existing 8-Inch PVC	$8.00	$ 368.00	$20.00	$ 920.00	$16.50	$ 759.00	$15.00	$ 690.00
15	34	L.F.	For Removing Existing 12-Inch PVC	$24.00	$ 816.00	$20.00	$ 680.00	$9.90	$ 336.60	$20.00	$ 680.00
16	10	L.F.	For Removing and Replacing Existing Chain Link Fence	$25.00	$ 250.00	$40.00	$ 400.00	$25.00	$ 250.00	$50.00	$ 500.00
17	21	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe without Slots	$105.00	$ 2,205.00	$40.00	$ 840.00	$88.00	$ 1,848.00	$45.00	$ 945.00
18	342	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe with Slots	$82.00	$ 28,044.00	$75.00	$ 25,650.00	$78.10	$ 26,710.20	$72.00	$ 24,624.00
19	44	L.F.	For Furnishing and Installing 27-Inch RCP	$110.00	$ 4,840.00	$75.00	$ 3,300.00	$85.80	$ 3,775.20	$58.00	$ 2,552.00
20	42	L.F.	For Furnishing and Installing 21-Inch RCP	$105.00	$ 4,410.00	$65.00	$ 2,730.00	$71.50	$ 3,003.00	$47.00	$ 1,974.00
21	2	C.Y.	For Furnishing and Installing Sloped Concrete Headwall for 21-Inch RCP	$320.00	$ 640.00	$500.00	$ 1,000.00	$825.00	$ 1,650.00	$500.00	$ 1,000.00

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF Jeske Construction Co. P. O. Box 59025 Dallas, Texas 75229		BID OF Ed A. Wilson, Inc. 13960 Hwy. 377 South Fort Worth, Texas 76126		BID OF Gibson & Associates, Inc. 11210 Rylieerest Balch Springs, Texas 75180		BID OF Tiseo Paving Company P. O. Box 270040 Dallas, Texas 75227-0040	
				Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension	Unit Bid Price	Extension
22	4	Ea.	For Connecting to Existing 48-Inch RCP	$2,400.00	$ 9,600.00	$200.00	$ 800.00	$825.00	$ 3,300.00	$500.00	$ 2,000.00
23	1	Ea.	For Furnishing and Installing 3-Foot by 3-Foot Drop Inlet	$2,100.00	$ 2,100.00	$2,500.00	$ 2,500.00	$2,090.00	$ 2,090.00	$2,000.00	$ 2,000.00
24	8	Ea.	For Furnishing and Installing 4-Inch Bollard	$150.00	$ 1,200.00	$150.00	$ 1,200.00	$350.00	$ 2,800.00	$400.00	$ 3,200.00
25	18	L.F.	For Furnishing and Installing 8-Inch PVC Water Line	$130.00	$ 2,340.00	$70.00	$ 1,260.00	$71.50	$ 1,287.00	$40.00	$ 720.00
26	3	L.F.	For Furnishing and Installing 2-Inch PVC Water Line	$87.00	$ 261.00	$50.00	$ 150.00	$115.50	$ 346.50	$50.00	$ 150.00
27	1	Ea.	For Connecting to Existing 2-Inch Water Line	$2,090.00	$ 2,090.00	$500.00	$ 500.00	$275.00	$ 275.00	$500.00	$ 500.00
28	1	Ea.	For Connecting to Existing 8-Inch Water Line	$510.00	$ 510.00	$250.00	$ 250.00	$495.00	$ 495.00	$1,300.00	$ 1,300.00
29	670	L.F.	For Furnishing and Installing Fire Lane Stripe	$0.25	$ 167.50	$0.75	$ 502.50	$0.28	$ 187.60	$2.00	$ 1,340.00
30	1,110	L.F.	For Furnishing and Installing 4-Inch Wide White Stripe	$0.20	$ 222.00	$0.50	$ 555.00	$0.28	$ 310.80	$1.00	$ 1,110.00
31	4	Ea.	For Furnishing and Installing Handicap Symbol	$25.00	$ 100.00	$50.00	$ 200.00	$27.50	$ 110.00	$250.00	$ 1,000.00
32	2	Ea.	For Furnishing and Installing Handicap Ramp	$620.00	$ 1,240.00	$550.00	$ 1,100.00	$165.00	$ 330.00	$500.00	$ 1,000.00
33	42	Ea.	For Furnishing and Installing Wheel Stop	$35.00	$ 1,470.00	$30.00	$ 1,260.00	$38.50	$ 1,617.00	$30.00	$ 1,260.00
34	1	L.S.	For Providing Trench Safety System Design	$600.00	$ 600.00	$600.00	$ 600.00	$880.00	$ 880.00	$6,000.00	$ 6,000.00
35	100	L.F.	For Furnishing and Installing Trench Safety System	$1.00	$ 100.00	$2.00	$ 200.00	$2.20	$ 220.00	$2.25	$ 225.00
36	8	Ea.	Relocating Water Meter with New Meter Box	$1,490.00	$ 11,920.00	$600.00	$ 4,800.00	$1,320.00	$ 10,560.00	$2,500.00	$ 20,000.00
37	700	S.Y.	For Constructing, Maintaining, Removal and Restoration of Temporary Parking Lot, including Four Direction Signs (Blue Background, White Letters, 6" Tall)	$16.00	$ 11,200.00	$10.00	$ 7,000.00	$20.00	$ 14,000.00	$21.00	$ 14,700.00
38	150	Tons	For Alley Rehabilitation with TxDOT, Type "D" Hot Mix	$62.00	$ 9,300.00	$80.00	$ 12,000.00	$66.00	$ 9,900.00	$85.00	$ 12,750.00
39	3	Ea.	For Adjustment of Waterline Valve Stack, including Debris Cap in Stack	$180.00	$ 540.00	*NO BID*	$ -	$250.00	$ 750.00	$500.00	$ 1,500.00
			TOTAL AMOUNT BID (Items 1 Through 39)		**$ 213,674.80**		**$ 222,983.50**		**$ 259,773.80**		**$ 273,097.00**

TABULATION OF BIDS

Date: February 13, 2001

rojeet: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187 Unit Bid Price	Extension	BID OF Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047 Unit Bid Price	Extension	BID OF Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211 Unit Bid Price	Extension
1	520	C.Y.	Unclassified Excavation	$50.00	$ 26,000.00	$25.00	$ 13,000.00	$25.00	$ 13,000.00
2	2,285	S.Y.	For Furnishing and Installing 8-Inch Reinforced Concrete Pavement	$55.00	$ 125,675.00	$74.00	$ 169,090.00	$41.00	$ 93,685.00
3	700	L.F.	For Furnishing and Installing 6-Inch Monolithic Curb	$3.00	$ 2,100.00	$3.00	$ 2,100.00	$10.00	$ 7,000.00
4	41	L.F.	For Furnishing and Installing Undercut Street Header	$12.00	$ 492.00	$15.00	$ 615.00	$20.00	$ 820.00
5	24	S.Y.	For Furnishing and Installing 3-Inch HMAC, Type "D"	$25.00	$ 600.00	$30.00	$ 720.00	$100.00	$ 2,400.00
6	27	S.Y.	For Furnishing and Installing 10-Inch Crush Stone Base, Type A, Grade 2	$25.00	$ 675.00	$20.00	$ 540.00	$60.00	$ 1,620.00
7	2,317	S.Y.	For Furnishing and Installing 6-Inch Compacted Subgrade	$5.00	$ 11,585.00	$3.00	$ 6,951.00	$15.00	$ 34,755.00
8	546	S.F.	For Furnishing and Installing 4-Inch Reinforced Concrete Sidewalk	$4.00	$ 2,184.00	$5.00	$ 2,730.00	$10.00	$ 5,460.00
9	127	S.F.	For Furnishing and Installing Reinforced Concrete Barrier Free Ramp	$8.00	$ 1,016.00	$6.00	$ 762.00	$15.00	$ 1,905.00
10	35	L.F.	For Furnishing and Installing Guard Rail	$50.00	$ 1,750.00	$50.00	$ 1,750.00	$100.00	$ 3,500.00
11	100	S.F.	For Furnishing and Installing Sidewalk with Brick Pavers	$9.00	$ 900.00	$16.00	$ 1,600.00	$20.00	$ 2,000.00
12	608	S.F.	Remove and Replace Exposed Aggregate Sidewalk Bordered with Brick Pavers	$15.00	$ 9,120.00	$17.00	$ 10,336.00	$20.00	$ 12,160.00
13	22	L.F.	For Removing Existing 24-Inch RCP	$7.00	$ 154.00	$15.00	$ 330.00	$50.00	$ 1,100.00
14	46	L.F.	For Removing Existing 8-Inch PVC	$7.00	$ 322.00	$5.00	$ 230.00	$30.00	$ 1,380.00
15	34	L.F.	For Removing Existing 12-Inch PVC	$7.00	$ 238.00	$6.00	$ 204.00	$45.00	$ 1,530.00
16	10	L.F.	For Removing and Replacing Existing Chain Link Fence	$40.00	$ 400.00	$30.00	$ 300.00	$50.00	$ 500.00
17	21	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe without Slots	$75.00	$ 1,575.00	$100.00	$ 2,100.00	$100.00	$ 2,100.00
18	342	L.F.	For Furnishing and Installing 21-Inch Slotted Drain Pipe with Slots	$75.00	$ 25,650.00	$93.00	$ 31,806.00	$85.00	$ 29,070.00
19	44	L.F.	For Furnishing and Installing 27-Inch RCP	$65.00	$ 2,860.00	$80.00	$ 3,520.00	$70.00	$ 3,080.00
20	42	L.F.	For Furnishing and Installing 21-Inch RCP	$65.00	$ 2,730.00	$75.00	$ 3,150.00	$68.00	$ 2,856.00
21	2	C.Y.	For Furnishing and Installing Sloped Concrete Headwall for 21-Inch RCP	$750.00	$ 1,500.00	$300.00	$ 600.00	$300.00	$ 600.00

TABULATION OF BIDS

Date: February 13, 2001

Project: TOWN OF ADDISON, TEXAS
Paving and Drainage Improvements
Broadway Street - Addison Road to Julian Street

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

Item No.	Approximate Quantities	Unit	Description	BID OF JDJ Construction Company P. O. Box 833187 Richardson, Texas 75083-3187 Unit Bid Price	Extension	BID OF Tri-Con Services, Inc. P. O. Box 2867 Garland, Texas 75047 Unit Bid Price	Extension	BID OF Texas Standard Construction P. O. Box 210768 Dallas, Texas 75211 Unit Bid Price	Extension
22	4	Ea.	For Connecting to Existing 48-Inch RCP	$2,000.00	$ 8,000.00	$500.00	$ 2,000.00	$2,800.00	$ 11,200.00
23	1	Ea.	For Furnishing and Installing 3-Foot by 3-Foot Drop Inlet	$5,500.00	$ 5,500.00	$3,000.00	$ 3,000.00	$2,900.00	$ 2,900.00
24	8	Ea.	For Furnishing and Installing 4-Inch Bollard	$1,000.00	$ 8,000.00	$100.00	$ 800.00	$175.00	$ 1,400.00
25	18	L.F.	For Furnishing and Installing 8-Inch PVC Water Line	$100.00	$ 1,800.00	$200.00	$ 3,600.00	$100.00	$ 1,800.00
26	3	L.F.	For Furnishing and Installing 2-Inch PVC Water Line	$100.00	$ 300.00	$100.00	$ 300.00	$100.00	$ 300.00
27	1	Ea.	For Connecting to Existing 2-Inch Water Line	$2,500.00	$ 2,500.00	$500.00	$ 500.00	$1,000.00	$ 1,000.00
28	1	Ea.	For Connecting to Existing 8-Inch Water Line	$2,500.00	$ 2,500.00	$1,000.00	$ 1,000.00	$3,500.00	$ 3,500.00
29	670	L.F.	For Furnishing and Installing Fire Lane Stripe	$0.20	$ 134.00	$1.00	$ 670.00	$2.00	$ 1,340.00
30	1,110	L.F.	For Furnishing and Installing 4-Inch Wide White Stripe	$0.15	$ 166.50	$4.00	$ 4,440.00	$1.00	$ 1,110.00
31	4	Ea.	For Furnishing and Installing Handicap Symbol	$275.00	$ 1,100.00	$800.00	$ 3,200.00	$100.00	$ 400.00
32	2	Ea.	For Furnishing and Installing Handicap Ramp	$750.00	$ 1,500.00	$1,500.00	$ 3,000.00	$650.00	$ 1,300.00
33	42	Ea.	For Furnishing and Installing Wheel Stop	$30.00	$ 1,260.00	$20.00	$ 840.00	$30.00	$ 1,260.00
34	1	L.S.	For Providing Trench Safety System Design	$400.00	$ 400.00	$500.00	$ 500.00	$1,000.00	$ 1,000.00
35	100	L.F.	For Furnishing and Installing Trench Safety System	$4.00	$ 400.00	$1.00	$ 100.00	$20.00	$ 2,000.00
36	8	Ea.	Relocating Water Meter with New Meter Box	$200.00	$ 1,600.00	$1,000.00	$ 8,000.00	$1,264.00	$ 10,112.00
37	700	S.Y.	For Constructing, Maintaining, Removal and Restoration of Temporary Parking Lot, including Four Direction Signs (Blue Background, White Letters, 6" Tall)	$65.00	$ 45,500.00	$35.00	$ 24,500.00	$68.00	$ 47,600.00
38	150	Tons	For Alley Rehabilitation with TxDOT, Type "D" Hot Mix	$95.00	$ 14,250.00	$100.00	$ 15,000.00	$99.00	$ 14,850.00
39	3	Ea.	For Adjustment of Waterline Valve Stack, including Debris Cap in Stack	$350.00	$ 1,050.00	*NO BID*	$ -	$158.00	$ 474.00
			TOTAL AMOUNT BID (Items 1 Through 39)		**$ 313,486.50**		**$ 323,884.00**		**$ 324,067.00**

February 19, 2001

MEMORANDUM

To: Chris Terry, Assistant City Manager

Through: Mike Murphy, P.E., Director of Public Works

From: Steve Chutchian, P.E., Assistant City Engineer SZC

Cc: Jim Pierce, P.E., Assistant Director of Public Works

Subject: Broadway Street Paving & Drainage Improvements
Contract Award

Attached is the bid tabulation from the Public Works Department for the proposed Broadway Street Paving and Drainage Improvements project. This street will be reconstructed with 8" reinforced concrete pavement, from Addison Road to Julian Street, and will include the paving and striping of head-in parking on both sides of the roadway. In addition, modifications to existing drainage facilities will be constructed as part of the project.

Funding for this project was established in the Five Year Capital Project Bond Program.

Jeske Construction submitted the lowest responsive bid, in the amount of $213,674.80. The engineering estimate for these improvements was $212,000. The contractor has successfully completed construction of related improvements for other municipalities in the area. The quality of work was considered excellent and performed in a timely manner on each project.

Staff recommends that Council authorize the City Manager to enter into a contract with Jeske Construction for the Broadway Street Paving and Drainage Improvements, from Addison Road to Julian Street, in the amount of $213,674.80.

Paving and Drainage Improvements Broadway St Addison Rd to Julian St

BID NO 01-12

DUE: February 13, 2001

BIDDER	SIGNED	TOTAL
TISEO PAVING CO	✓	273,097 00
TX STANDARD CONSTRUCTION	✓	325 881 00
JESKE CONSTRUCTION	✓	213,674. 80
TRI-CON SERVICES	✓	323, 884 00
JDJ CONSTRUCTION CO	✓	312,911.50
GIBSON & ASSTS,INC	✓	259 773. 80
Ed H. Wilson.	✓	222,983.50

Bryan Langley, Assistant Finance Director

Minok Suh, Purchasing Coordinator

Paving and Drainage Improvements Broadway St Addison Rd to Julian St

BID NO 01-12

DUE: February 13, 2001

BIDDER	SIGNED	TOTAL
TISEO PAVING CO	YES	273,097
TX STANDARD CONSTRUCTION	YES	325,881
JESKE CONSTRUCTION	YES	213,674.80
TRI-CON SERVICES	YES	323,884
JDJ CONSTRUCTION CO	YES	312,911.50
GIBSON & ASSTS,INC	YES	259,773.80
BD WILSON	YES	272,983.50

Ask for Revel at Shimek

Bryan Langley, Assistant Finance Director

Minok Suh, Purchasing Coordinator

TOWN OF ADDISON, TEXAS

BROADWAY STREET PAVING & DRAINAGE IMPROVEMENTS
Bid No. 01-12

ADDENDUM NO. 2
February 12, 2001

Plans and specifications for the Broadway Street Paving & Drainage Improvements project, for the Town of Addison, Texas, on which bids are to be received until **2:00 p.m., February 13, 2001**, are hereby modified as follows:

1. Refer to the NCTCOG Standard specifications, Item 1.42.3 - Samples and Tests of Materials. Change the wording from the Owner paying for all testing to the Contractor paying for all testing of materials. Testing shall be subsidiary to the cost of the reinforced concrete pavement, storm sewer pipe and waterline pipe.

2. Bidders shall acknowledge receipt of Addendum No. 2 in the space provided in the Proposal, on the outer envelope of their bid.

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
DALLAS, TEXAS

Addison! **FAX**

Date: 2-12-01

Page 1 of 2

To: Steve

From: Mitch

Fax: 2837

Town of Addison - Finance
PO Box 9009
Addison, Texas 75001
5350 Belt Line Road
Addison, Texas 75240
Fax Number (972) 450-7096

Comments:

01-12
#2

TRANSMITTAL OF ADDENDUM

****

INSTRUCTIONS:

Acknowledge receipt of Addenda in Proposal, on outer envelope of bid **AND WITH THE FORM BELOW FAXED TO (214) 361-0204** upon receipt.

****

Addendum Acknowledgment FAX to (214) 361-0204

I Acknowledge the receipt of Addendum No. 1

Town of: **ADDISON, TEXAS**

Project Name: Broadway Street Paving & Drainage Improvements

By Facsimile Transmission on this date: February 5, 2001

Contractor's Signature

Company Name

E-Mail Address:

"PLEASE SIGN & FAX THIS PAGE BACK TO SJ&F"
(as verification that you received this Fax)
(214) 361-0204

Total Number of Fax Pages: 3 2

TOWN OF ADDISON, TEXAS

BROADWAY STREET PAVING & DRAINAGE IMPROVEMENTS
Bid No. 01-12

ADDENDUM NO. 1
February 5, 2001

Plans and specifications for the Broadway Street Paving & Drainage Improvements project, for the Town of Addison, Texas, on which bids are to be received until **2:00 p.m., February 13, 2001**, are hereby modified as follows:

1. Refer to the INSTRUCTION TO BIDDERS, Page IB-5 of, Section X – Final Payment, Item (4).
   - Change the length of the Maintenance Bond from one (1) year to TWO (2) YEARS.

2. Refer to the PROPOSAL FORM:
   a. Page PF-6: Item 19 – Change the unit from Each to Linear Feet under the "Unit" Item and the "Description and Prices in Words".

   b. Page PF-9: Delete this page in its entirety and substitute the attached page PF-9A, which adds Item No. 39 (For Adjustment of Waterline Valve Stack, including Debris Cap in Stack).

3. Refer to the SPECIAL PROVISIONS:
   a. Page SP-3, Item SP.8 – Delete the second paragraph pertaining to Video.

   b. Page SP-12, Item SP.28 – Add the following:

      The Contractor shall set up one-way traffic on Broadway (east bound) for the duration of the project. In accordance with the phasing plan in the construction plans, one half of the road shall be constructed at a time, thus allowing one-way traffic and parking.

      Temporary parking signs shall be furnished and posted. Temporary parking is described in Items SP.36 and SP.37.

4. Bidders shall acknowledge receipt of Addendum No. 1 in the space provided in the Proposal, on the outer envelope of their bid, and by **faxing back the "Transmittal of Addendum Acknowledgment Sheet" to Shimek, Jacobs & Finklea, L.L.P. at (214) 361-0204**.

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
DALLAS, TEXAS

TOWN OF ADDISON®

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

January 31, 2001

Mr. John Birkhoff, P.E.
Shimek, Jacobs & Finklea
8333 Douglas Avenue, #820
Dallas, Texas 75225-5816

Re: Addendum #1
Broadway Street Paving & Drainage Improvements

Dear John:

Upon review of the Specification & Contract documents for the Broadway Street Paving and Drainage Improvements, the following corrections were determined to be necessary in an addendum:

a. Section IB-5 – Part X4 indicates a 1-year maintenance bond requirement, while Section MB-3 calls out for a 2-year maintenance bond.
b. Section PF-9 – Include an item for adjustment of water valve stacks and installation of a debris cap in the stack.
c. Section SP-3 – Reference is made to a requirement for a VHS tape of existing conditions "outside of the lift station." This is not needed as part of the proposed project.
d. Section SP-12 – Reference to traffic flow on city streets, during certain hours, should be further defined.
e. Section PF-6 – Item #19 references a unit as "Each", instead of "l.f.."

Please prepare an addendum to this project and forward it to Mr. Bryan Langley, Assistant Director of Finance for disposition. The scheduled bid opening date should remain the same.

Should you have any questions, please let me know.

Sincerely,

Steven Z. Chutchian, P.E.
Assistant City Engineer

Cc: Bryan Langley
Jim Wilson → File

TOWN OF

ADDISON PUBLIC WORKS

To: Mr. Greg Hilton

Company: TXU Electric

FAX #: 972-888-1304

Date: January 30, 2001

# of pages (including cover): 2

From: Steven Z. Chutchian, P.E.
Assistant City Engineer
Phone: 972/450-2886
FAX: 972/450-2837
schutchian@ci.addison.tx.us

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

Re: Broadway St. Notice – Saturday Shut Down

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

Comments: Greg – Attached is the letter that we hand delivered to each affected property owner on Broadway, with their individual initial sign-offs. Should you have any questions, please let me know. Thanks.

Steve Chutchian

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

January 29, 2001

Dear Property Owner:

In advance of the upcoming paving and drainage improvements on Broadway St., the Town of Addison entered into an agreement with an electrical contractor to perform certain individual service relocation improvements. In order for the contractor to complete the electrical service connections, it will be necessary for TXU Electric to temporarily turn off power to your business on **Saturday, February 3, 2001, from 8:00 a.m. to approximately 1:00 p.m.**

The inconvenience and overall impact of this action to your business is very much appreciated. Should you have any questions, please feel free to contact my office at 972-450-2886.

Sincerely,

Steven Z. Chutchian, P.E.
Assistant City Engineer

Cc: Chris Terry, Assistant City Manager
Mike Murphy, Director of Public Works
Jim Pierce, Assistant Director of PublicWorks

HP LaserJet 3100
Printer/Fax/Copier/Scanner

SEND CONFIRMATION REPORT for
TOWN OF ADDISON
9724502837
Jan-30-01 3:29PM

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
570	1/30 3:28PM	0'33"	9728681304	Send	2/ 2	EC144	Completed

Total 0'33" Pages Sent: 2 Pages Printed: 0

TOWN OF
ADDISON **PUBLIC WORKS**

To: Mr. Greg Hilton From: Steven Z. Chutchian, P.E.
Assistant City Engineer
Company: TXU Electric Phone: 972/450-2886
FAX: 972/450-2837
FAX #: 972-888-1304 schutchian@ci.addison.tx.us

Date: January 30, 2001 16801 Westgrove Drive
P.O.Box 9010
# of pages (including cover): 2 Addison, TX 75001-9010

Re: Broadway St. Notice – Saturday Shut Down

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

Comments: Greg – Attached is the letter that we hand delivered to each affected property owner on Broadway, with their individual initial sign-offs. Should you have any questions, please let me know. Thanks.

Steve Chutchian

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

January 29, 2001

Dear Property Owner:

In advance of the upcoming paving and drainage improvements on Broadway St., the Town of Addison entered into an agreement with an electrical contractor to perform certain individual service relocation improvements. In order for the contractor to complete the electrical service connections, it will be necessary for TXU Electric to temporarily turn off power to your business on **Saturday, February 3, 2001, from 8:00 a.m. to approximately 1:00 p.m.**

The inconvenience and overall impact of this action to your business is very much appreciated. Should you have any questions, please feel free to contact my office at 972-450-2886.

Sincerely,

Steven Z. Chutchian, P.E.
Assistant City Engineer

Cc: Chris Terry, Assistant City Manager
Mike Murphy, Director of Public Works
Jim Pierce, Assistant Director of PublicWorks

TOWN OF ADDISON
FINANCE DEPARTMENT / PURCHASING DIVISION5350 Belt Line Road
(972) 450-7091 – Facsimile (972) 450-7096 Post Office Box 9010 Addison, Texas 75001

INVITATION TO BID

The Town of Addison is accepting bids from all interested parties for **PAVING AND DRAINAGE IMPROVEMENTS BROADWAY STREET ADDISON ROAD TO JULIAN STREET:**

Bid No: **01-12**

Bid Name: Paving and Drainage Improvements Broadway Street Addison Road to Julian Street

Bids Opened: **2:00 p.m., Tuesday, February 13, 2001**
Office of the Purchasing Coordinator
Addison Finance Building
5350 Belt Line
Addison, Texas 75240

Since DemandStar.com maintains the vendor files for the Town of Addison, bidders do not need to notify the Town if they do not intend to bid on this project. For vendors that would like to be removed from the bidder's list, please notify the Town of Addison in writing.

NOTE: The bid specifications for this bid will not be available online or by fax. If you would like to obtain a free copy of the bid specifications, you may pick up one at the Purchasing Department, 5350 Belt Line Road, Addison, Texas 75001

For questions concerning the bid process, contact Bryan Langley, Assistant Finance Director, at 972/450-7090. For questions concerning the specifications or the work to be performed, contact Steve Chutchian, P.E., Assistant City Engineer, Town of Addison 972/450-2871, or John Birkhoff, Shimek, Jacobs & Finklea, L.L.P. 214/361-7900.

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

January 24, 2001

Dear Property Owner:

The Town of Addison recently initiated the bidding process regarding proposed paving and drainage improvements on Broadway Street. It is anticipated that construction will begin in mid-March, 2001. Each property owner will be notified prior to the start of actual on-site construction activity.

At this time, a contractor, representing Southwestern Bell Telephone, is performing emergency repairs to existing lines at the intersection of Broadway St. and Addison Road. This work is unrelated to the Town's scheduled street improvements but should be completed very soon.

Our staff will make every effort to provide continued access to your business. During construction of the paving and drainage improvements, the existing alley located north of Broadway St. will be leveled with asphalt and the adjacent parkway area will be layered with crushed stone to provide temporary parking and pedestrian accessibility.

Should you have any questions regarding the upcoming improvements on Broadway St., please feel free to contact my office, at 972-450-2886.

Sincerely,

Mike Murphy, P.E.
Director of Public Works

Cc: Chris Terry, Assistant City Manager
Jim Pierce, Assistant Director of Public Works
Steve Chutchian, Assistant City Engineer

SECTION AB

ADVERTISEMENT FOR BIDS

SECTION AB

ADVERTISEMENT FOR BIDS

1. Sealed bids addressed to the Town of Addison, Texas, for **Paving and Drainage Improvements to Broadway Street - Addison Road To Julian Street**, in the Town of Addison, Texas, hereinafter called "City" in accordance with specifications and contract documents prepared by Shimek, Jacobs & Finklea, L.L.P. will be received at the office of Bryan Langley, Assistant Finance Director, Finance Building, 5350 Belt Line Road, Addison, Texas until **2:00 p.m. on February 13, 2001**. Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened. Unsigned bids will not be considered.

2. The Contractor shall identify his bid on the outside of the envelope by writing the words PAVING AND DRAINAGE IMPROVEMENTS TO BROADWAY STREET - ADDISON ROAD TO JULIAN STREET, Bid No. 01-12.

3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed by the State of Texas to act as a Surety and be listed on the current U.S. Treasury Listing of Approved Sureties, or a Binder of Insurance executed by a surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within ten (10) days after notice of award of contract to him.

4. Plans, specifications and bidding documents may be secured from Bryan Langley, Assistant Finance Director, Finance Building, 5350 Belt Line Road, Addison, Texas. There will be no fee or deposit for documents.

5. The right is reserved by the Mayor and the City Council as the interests of the City may require to reject any or all bids and to waive any informality in bids received.

6. The Bidder (Proposer) must supply all the information required by the Proposal Form.

7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety and be listed on the current U.S. Treasury Listing of Approved Sureties.

8. For information on bidding or to secure bid documents, contact Bryan Langley at (972) 450-7090. For information on the work to be performed, call Steve Chutchian, P.E., Assistant City Engineer, Town of Addison (972) 450-2871 or John Birkhoff, Shimek, Jacobs & Finklea, L.L.P. (214) 361-7900.

9. The project consists of furnishing and installing perimeter fencing in accordance with the specifications.

10. Estimated quantities for major items include the following:

Description	Quantity
8" Reinforced Concrete Pavement	2,160 S.Y.
Slotted Drain Pipe	342 L.F.
Sidewalk	700 S.F.

11. No Pre-Bid Conference will be held.

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

8333 Douglas Avenue, #820 Dallas, Texas 75225-5816 Fax (214) 361-0204 Phone (214) 361-7900

RONALD V. CONWAY, P.E.
JOHN W. BIRKHOFF, P.E.
JOE R. CARTER, P.E.
GARY C. HENDRICKS, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

January 15, 2001

Mr. Greg Hilton
TXU
1015 Hutton Drive
Carrollton, Texas 75006

Re: Town of Addison
Broadway Street

Dear Mr. Hilton:

The Town of Addison is moving forward with advertising for construction the paving and drainage improvements to Broadway Street located just east of Addison Road. We met in the field in December to discuss to possibility of removing a utility pole that is currently in the roadway/parking area. The Town has moved forward to have the electrical service relocated to the rear of two existing businesses, which are fed off of this utility pole. Accordingly, the Town of Addison requests that you proceed with the design and construction necessary to remove the electric service including pole from Broadway Street. We have attached a plan view of the proposed improvements. Bids will be received on February 9, 2001 with construction proceeding by March 1, 2001. If you have any questions, please call Steve Chutchian with the Town of Addison or myself.

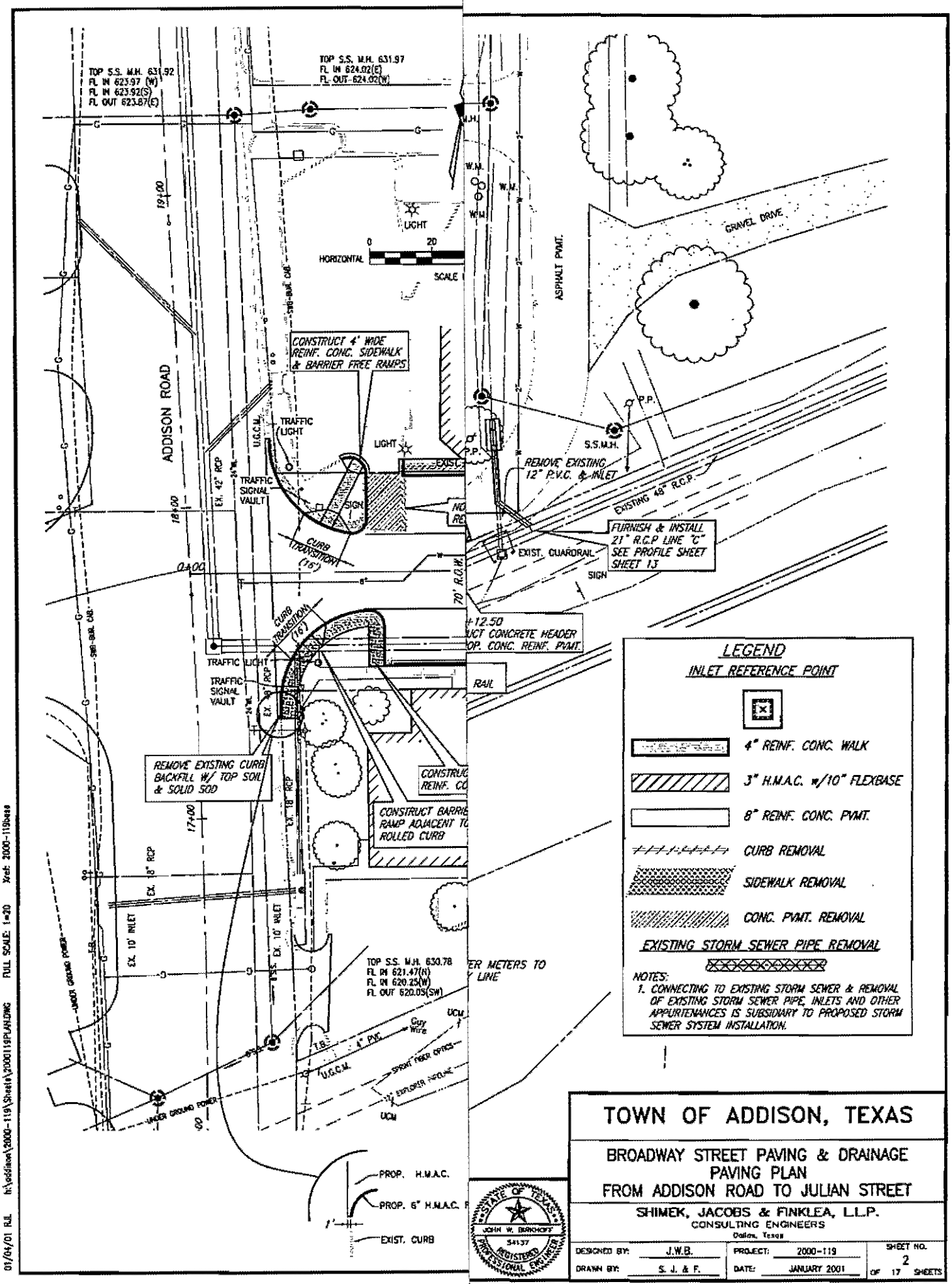
Sincerely,

JWB

John W. Birkhoff, P.E.

Enclosure
cc: Mr. Steven Z. Chutchian, P.E.

J:\Addison\2000-151\Lcorres\txu.doc



TOWN OF ADDISON, TEXAS

BROADWAY STREET PAVING & DRAINAGE
PAVING PLAN
FROM ADDISON ROAD TO JULIAN STREET

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

STATE OF TEXAS
JOHN W. BANCROFT
54137
REGISTERED
PROFESSIONAL ENGINEER

DESIGNED BY: J.W.B.	PROJECT: 2000-119	SHEET NO. 2
DRAWN BY: S. J. & F.	DATE: JANUARY 2001	OF 17 SHEETS

01/04/01 RJL h:\geddesm\2000-119\Sheets\2000119PLAN.DWG FULL SCALE: 1=20 Xref: 2000-119base

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

8333 Douglas Avenue, #820 Dallas, Texas 75225-5816 Fax (214) 361-0204 Phone (214) 361-7900

RONALD V. CONWAY, P.E.
JOHN W. BIRKHOFF, P.E.
JOE R. CARTER, P.E.
GARY C. HENDRICKS, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

January 15, 2001

Mr. Roy Broussard
Southwestern Bell Telephone
275 N. Greenville Avenue
Richardson, Texas 75081

Re: Town of Addison
Broadway Street

Dear Mr. Broussard:

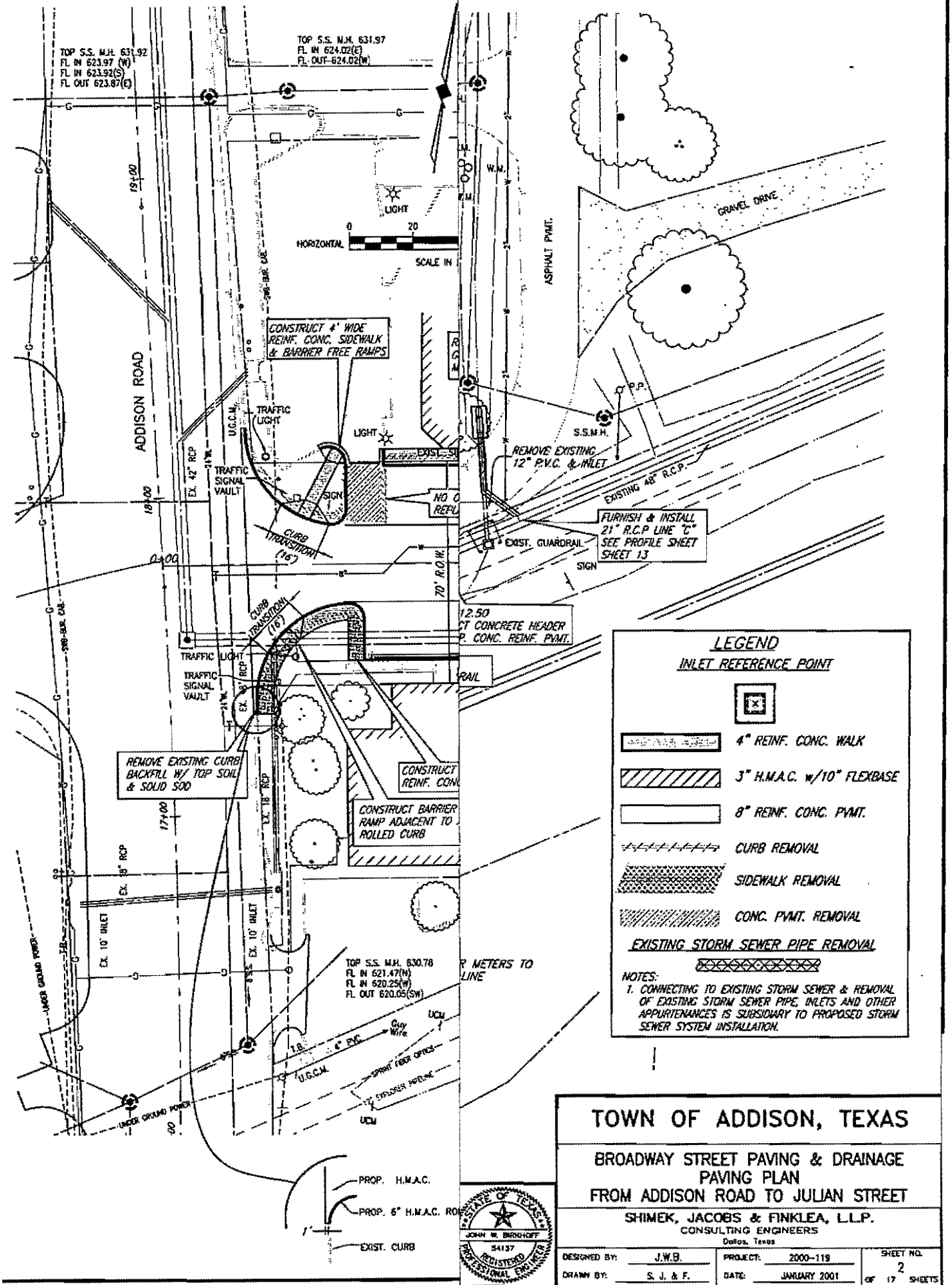
The Town of Addison is moving forward with advertising for construction the paving and drainage improvements to Broadway Street located just east of Addison Road. We met in the field in December to discuss to possibility of removing a utility pole that is currently in the roadway/parking area. The Town has moved forward to have the electrical service relocated to the rear of two existing businesses, which are fed off of this utility pole. Accordingly, the Town of Addison requests that you proceed with the design and construction necessary to remove and relocate the telephone service from pole located in Broadway Street. During the December meeting on site you stated that the service could be run underground and that you would run a new service from Addison Road to this location. We have attached a plan view of the proposed improvements. Bids will be received on February 9, 2001 with construction proceeding by March 1, 2001. If you have any questions, please call Steve Chutchian with the Town of Addison or myself.

Sincerely,

JWB

John W. Birkhoff, P.E.

Enclosure
cc: Mr. Steven Z. Chutchian, P.E.



TOWN OF ADDISON, TEXAS

BROADWAY STREET PAVING & DRAINAGE PAVING PLAN FROM ADDISON ROAD TO JULIAN STREET

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

STATE OF TEXAS
JOHN W. BISHOFF
54137
REGISTERED
PROFESSIONAL ENGINEER

DESIGNED BY: J.W.B.	PROJECT: 2000-119	SHEET NO. 2
DRAWN BY: S. J. & F.	DATE: JANUARY 2001	OF 17 SHEETS

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

8333 Douglas Avenue, #820 Dallas, Texas 75225-5816 Fax (214) 361-0204 Phone (214) 361-7900

RONALD V. CONWAY, P.E.
JOHN W. BIRKHOFF, P.E.
JOE R. CARTER, P.E.
GARY C. HENDRICKS, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.
JOHN R. BAUMGARTNER, P.E.

MAILED
COPY TO J.B.
7-25-00

May 12, 2000

Mr. Robin Jones
Town of Addison
Post Office Box 9010
Addison, Texas 75001-9010

Re: Engineering Services Agreement
Broadway Paving and Drainage Improvements

Dear Mr. Jones:

In accordance with your request, we propose to furnish engineering services for the preparation of plans and specifications for paving and drainage improvement to Broadway from Addison Road to a point 385-feet to the east. Our services will include the following:

1) Paving plan to include all pavement, including parking areas.
2) Paving contour plan for vertical elevation.
3) Drainage design for slotted drain along south gutter line and discharging, as it does now, into railroad ditch.
4) Preparation of marking plan.
5) Preparation of detail sheets.
6) Quantity take-off and formulation of opinion of probable construction cost.
7) Preparation of bidding documents and specifications.
8) One design meeting with the staff.
9) Printing and delivery of plans and specifications.
10) Attendance at bid opening, tabulation of bids, and check contractor references.
11) Prepare letter of recommendation for award of construction contract.
12) Conduct pre-construction conference.
13) Review shop drawing submittals.
14) Attend one construction meeting.

It is our understanding that the Town will send out notices, complete contract preparation, prepare monthly pay requests and other related construction related items not delineated in our services. We propose to be compensated on the basis of salary cost times a multiplier of 2.3, with expenses at invoice cost times 1.15. We recommend a budget of $14,940.00 be established for our services. If you are in agreement, please have the Town execute one coy of this letter agreement and return one copy to our office. We will commence our services at your direction.

We are available at your convenience to discuss any questions you may have with our proposal and scope of services.

Sincerely,

John W Birkhoff

John W. Birkhoff, P.E.

APPROVED FOR THE TOWN OF ADDISON

By: _____

Date: 7/12/00

Steve Chutchian

From: Bryan Langley
Sent: Monday, January 08, 2001 5:51 PM
To: Steve Chutchian
Subject: Dates for Bid Advertisement and Opening

Steve,

Provided I get the bid information this week, I will run a bid advertisement in the newspaper (and through our online bid service) on January 19th and 26th. Bids can be opened on February 6th at 2:00 PM.

Please let me know if you have any questions/concerns.

Thanks,
BRYAN

BID # 01-12

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

January 4, 2000

PETER
COORCAS
972-458-6854
B'ROADWAY

Mr. Peter Coorlas
4815-A Broadway St.
Addison, Texas 75001

Re: Relocation of Electrical Services

Dear Mr. Coorlas:

In conjunction with the proposed reconstruction of Broadway St., the existing power pole in front of your property is scheduled for elimination. Accordingly, the surrounding island will be removed and parking spaces will be redefined and striped. Prior to the start of construction, your electrical service must be relocated to the rear of the building, at 4815-A & 4815-B Broadway. A private contractor will perform the transfer of service, and the total cost of this work will be borne by the Town of Addison. The following items will be performed:

a. Installation of 2-2" PVC conduits at the rear of the building.
b. Installation of 2-100 amp single-phase 240-volt meter bases and service disconnects.
c. Installation of 2-100 amp circuits to re-feed the panels at the front of the building.
d. Removal of the bases at the front of the building after the power company activates the new service.
e. Removal and replacement of existing concrete at rear of building.

The Town of Addison will be responsible for any damage to your building and property as a result of improvements performed by this contractor. With your concurrence below, the Town of Addison will initiate the relocation of the existing electrical services on your property.

Steven Z. Chutchian, P.E.
Assistant City Engineer

Concurrence 1-4-01
Date

TOWN OF ADDISON

Post Office Box 9010 Addison, Texas 75001-9010 5300 Belt Line Road (972) 450-7000 FAX (972) 450-7043

January 3, 2001

Mr. Peter C. Coorlas
4815 –A Broadway
Addison, TX 75001

RE: New address Plate

Dear Mr. Coorlas:

I have received your request for a reimbursement for a new address plate. I understand your frustration with having your address changed. However, when the zip codes were changed and Addison was given its own Addison address and mail delivery, virtually everyone in the city had their address changed from Dallas to Addison. Thousands of residents and business people had to get new business cards, stationary, etc. Many of these people had just gone through the exact same procedure when their telephone area code was changed from 214 to 972.

While change is inconvenient and sometimes costly, I am afraid it cannot be avoided in an area that is growing as rapidly as ours. I am sorry that you have to order another address plaque. However, the Town does not reimburse residents or businesses for expenses related to address changes.

We are scheduled to complete the $200,000 reconstruction of Broadway this year. I think the new concrete street and parking areas will make your unique Addison neighborhood even more attractive, and I hope you enjoy it.

Sincerely,

Ron Whitehead
City Manager

Peter C. Coorlas
4815-A Broadway
Addison, TX 75001

December 27, 2000

Town on Addison
Addison, TX 75001-9010

Re: New Address Plate on my building

Dear Mr. Whitehead:

I have talked with different departments in the City of Addison regarding the address plate on my building.

When the city of Addison got its own post office, the addresses on Broadway Street were changed. Of course only one building had an address change and that was mine. The irony is that my building was constructed and in place before the other buildings were constructed.

I approached the post office on the issue and was told to talk to the Town of Addison. I talked to several departments in the city and was finally told to write you.

So, here I am.

Currently, the Town of Addison is working on Broadway Street. In the process, once again, the town has identified my building for special work, both electrical and telephones. After talking to engineers and others it was their opinion that because of the inconvenience, it would be a good gesture on the part of Addison to replace the address plate, however they did not have the authority.

It is my request that the Town of Addison replace the address plate with like kind (correct new number).

Thank you for your attention.

Sincerely,

Peter C. Coorlas

Peter C. Coorlas

Peter Coorlas
4815-A Broadway
Addison, Tx 75001

(972) 458-6854

2144

CHANGE BRASS ADDRESS PLATE

MOVE ELECTRIC METER - CITY PAY

MOVE BELL CONDUIT AROUND & AWAY FROM FUTURE EXPANSION

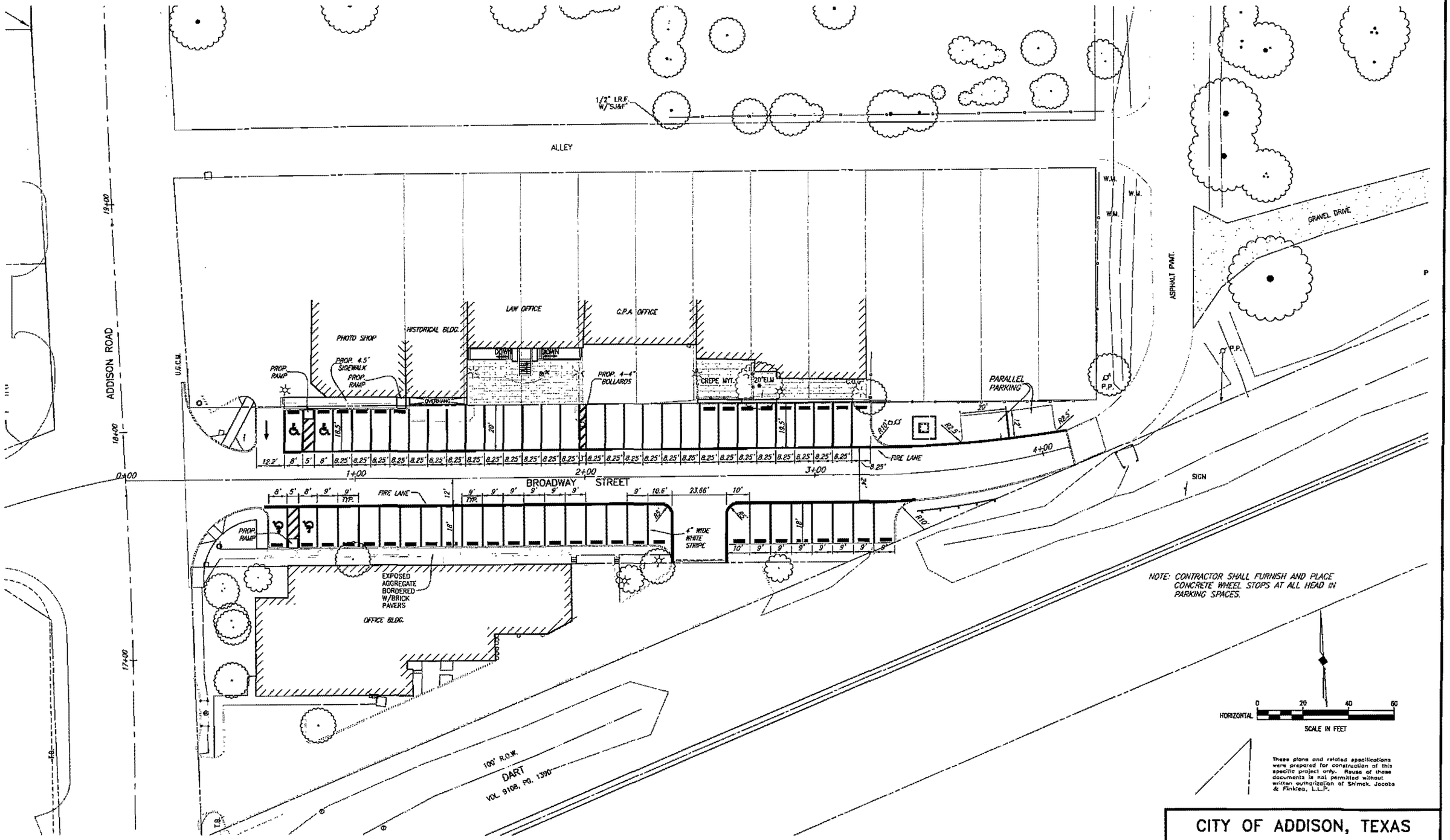
November 3, 2000

Mr. Cline:

I have attached a copy of the latest version of our proposed Broadway Ave. Improvements. Should you have any questions, please call me at the number shown on the card. I look forward to hearing from you. Thank you.

Steve Chutchian

Steve Chutchian, P.E.
Assistant City Engineer



T.B.M. AR-3
"□" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR. WEST SIDE OF ADDISON RD.
N 11792.4916, E 9775.4348
ELEV. 635.38

B.M. 3
"BOX" NAIL IN POWER POLE SOUTHEAST CORNER OF JULIAN ST. & BROADWAY ST.
N 11822.8283, E 10302.4032
ELEV. 632.50

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: 2 NOVEMBER 2000

CITY OF ADDISON, TEXAS

BROADWAY STREET PAVING & DRAINAGE PRELIMINARY LAYOUT FROM ADDISON ROAD TO JULIAN STREET

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2000-119	SHEET NO. 5
DRAWN BY: S. J. & F.	DATE: OCTOBER 2000	OF 16 SHEETS

H:\PROJECTS\ADDISON\SHEETS\2000119AD06-1.DWG 11/02/00 RJL XREF: ADDISON/2000-119/ALIGNMENT/2000-119ALIGN

Fax Cover Sheet

Mission Statement

McBride Electric and DataConnect is a national service network that exists to provide excellence in electrical service through skilled team members who are trained and personable.

Date: 12/14/00

To: Lynn Chandler

Company: City of Addison

Fax No.: (972) 450-2837

From: Sheri L. Benamati Sales Assistant for Data and Large Projects

Fax No. (972) 481-7530

No. of Pages Including Cover: 3

Comments:

Please contact me at (972) 481-7500 or (972) 721-1199 if fax is illegible.

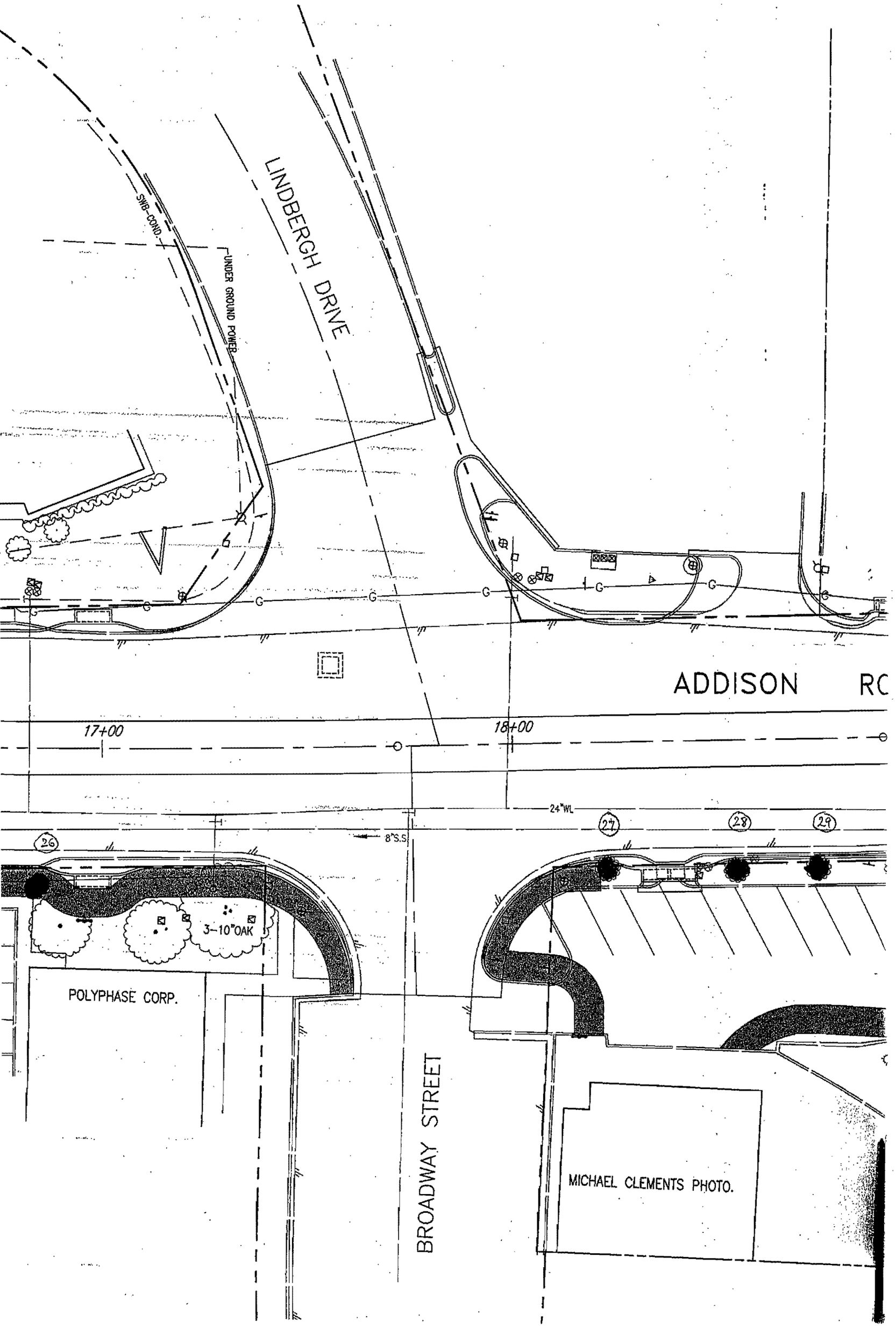
November 21, 2000

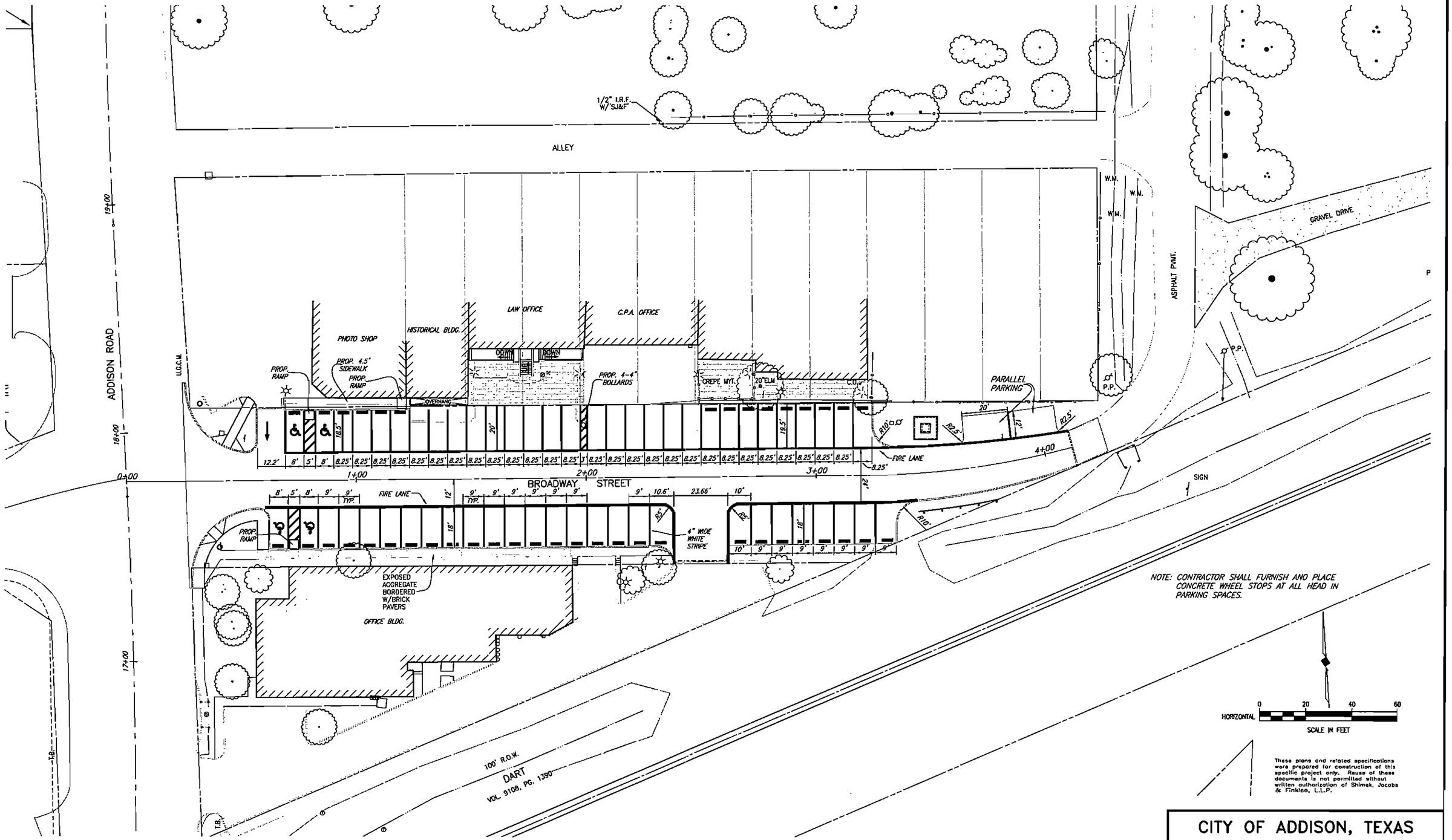
Mr. Cline:

Attached is a copy of the latest schematic of the proposed intersection improvements at Addison Road and Broadway Ave. Should you have any questions regarding this issue, please let me know. Thank you.

Steve Chutchian

Steve Chutchian, P.E.
Assistant City Engineer


LINDBERGH DRIVE
SWB-COND.
UNDER GROUND POWER
ADDISON
17+00
18+00
24"WL
8"S.S.
26
27
28
29
3-10"OAK
POLYPHASE CORP.
BROADWAY STREET
MICHAEL CLEMENTS PHOTO.



NOTE: CONTRACTOR SHALL FURNISH AND PLACE CONCRETE WHEEL STOPS AT ALL HEAD IN PARKING SPACES.

T.B.M. AR-3
'□' CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR. WEST SIDE OF ADDISON RD.
N 11792.4916, E 9775.4348
ELEV. 635.38

B.M. 3
"60D" NAIL IN POWER POLE SOUTHEAST CORNER OF JULIAN ST. & BROADWAY ST.
N 11822.8283, E 10302.4032
ELEV. 632.50

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

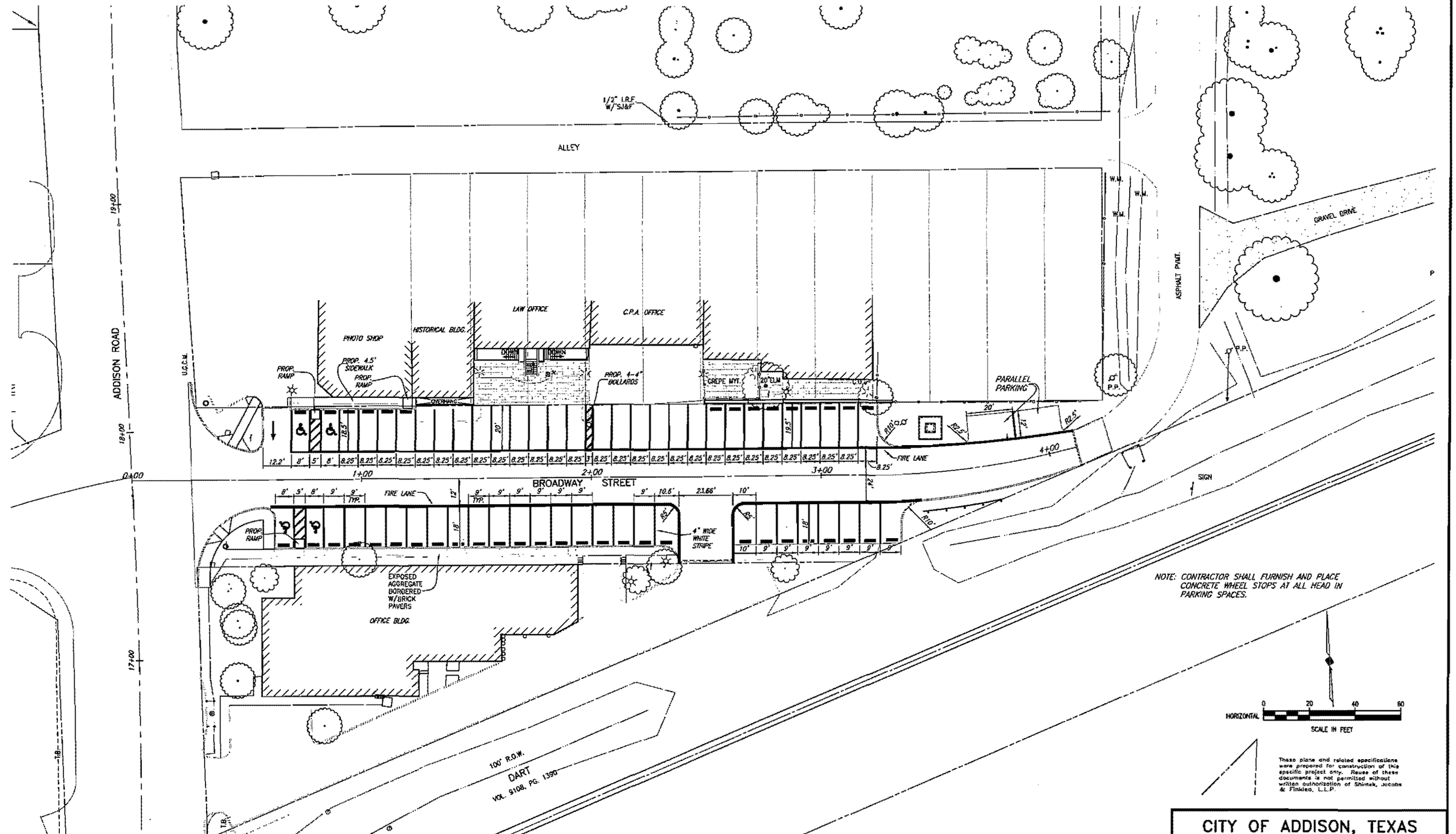
JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: 2 NOVEMBER 2000

CITY OF ADDISON, TEXAS

BROADWAY STREET PAVING & DRAINAGE PRELIMINARY LAYOUT FROM ADDISON ROAD TO JULIAN STREET

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2000-119	SHEET NO. 5	
DRAWN BY: S. J. & F.	DATE: OCTOBER 2000	OF 16	SHEETS



NOTE: CONTRACTOR SHALL FURNISH AND PLACE CONCRETE WHEEL STOPS AT ALL HEAD IN PARKING SPACES.

T.B.M. AR-J
"D" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR. WEST SIDE OF ADDISON RD.
N 11792.4916, E 9775.4348
ELEV. 635.38

B.M. J
"60d" NAIL IN POWER POLE SOUTHEAST CORNER OF JULIAN ST. & BROADWAY ST.
N 11822.8283, E 10302.4032
ELEV. 632.50

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: 2 NOVEMBER 2000

CITY OF ADDISON, TEXAS

BROADWAY STREET PAVING & DRAINAGE PRELIMINARY LAYOUT FROM ADDISON ROAD TO JULIAN STREET

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2000-119	SHEET NO. 5
DRAWN BY: S. J. & F.	DATE: OCTOBER 2000	OF 16 SHEETS

H:\PROJECTS\ADDISON\SHEETS\2000119MARK-1.DWG 11/02/00 RJL XREF: ADDISON/2000-119/MARKING/2000-119MARK

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

October 23, 2000

North of Keller Springs
Troy Broussard Steve - call
972-234-7084
SW Bell
Tim Beidelman - South of Keller Springs
972-234-7085
re getting phone UG

Mr. Greg Hilton
TXU Electric
1015 Hutton Dr.
Carrollton, Texas 75006

-800-242-9113

Re: Broadway Street Paving Improvements
From Addison Road to Julian Street

Dear Mr. Hilton:

Please accept this correspondence as a follow-up to our recent conversation regarding the viability of TXU Electric providing underground service on the above mentioned improvement project. The attached preliminary drawing is highlighted to show the location of existing power poles within the project limits. A subsequent revision to this drawing will show the proposed pavement to extend generally to the northern property line. We would appreciate your evaluation as to the feasibility of eliminating the power poles and running your utility underground along Broadway Street.

Your consideration in this matter is greatly appreciated.

Sincerely,

Steven J. Chutchian

Steven Z. Chutchian P.E.
Assistant City Engineer

Cc: Jim Pierce, Assistant Director of Public Works

N

Jeff M—

Town of Addison
Project Application

Project Name (Maximum 30 characters) BROADWAY PAVING

Project Description Reconstruct pavement on Broadway
Replace aged pavement & drainage.

RECEIVED
JUL 10 2000
TOWN OF ADDISON
FINANCE ADMIN

Project Type: ☐ Operating/Unique ☐ Operating/Recurring ☒ Capital ☐ Special Event

Time to Complete (In months) 12

Located in Planning Sector : 1 2 3 4 (5) 6 N/A

Project Time Line

Phase (engineering, ROW, acquisition, construction, etc.) | Cost

#1 | $
#2 Engineer | $ 5,500.-
#3 Construction | $ 191,000.-
#4 | $
#5 | $
#6 | $
#7 | $
#8 | $

5/1/2000 Start Date

3 6 9 12 15 18 21 24 Months

$ 196,500.- Total Budget

Finance Department Use

Project # 1 5 3 0 0
Year Sector Type Free Seq.

Entered 7/14/00 pg

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

April 9, 1999

Ms. Holly Mentler
Mentler Marketing Services
4819 Broadway St.
Addison, Texas 75001

Re: Broadway Street

Dear Ms. Mentler:

Thank you for taking the time to write us about your concerns regarding Broadway Street. The Town of Addison is very interested in making improvements in the "old town" area if that is what the property owners desire. Because Broadway is a local street principally serving only the adjacent property owners the Town would make improvements as part of a voluntary street assessment program.

In a voluntary street assessment the property owners on both sides of the street would pay for 1/3 of the cost of the street based on their street frontage. The middle one-third would be paid for by the Town.

If you and your neighbors want to pursue this project please call me at 972/450-2871 so we can work through the documents to establish the voluntary street assessment district. The estimated cost to reconstruct this roadway as a concrete street is $200,000.

I am looking forward to working with you and your neighbors on this important infrastructure project.

Sincerely,

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

cc: Jody Garcia
Jim Pierce
Ron Whitehead

[redacted] ENTLER
[redacted] MARKETING SERVICES
4819
BROADWAY
ADDISON
TEXAS
75001

March 23, 1999

Jim Pierce
Assistant City Engineer
P O Box 9010
Addison, TX 75001

Dear Mr. Pierce:

After reading the recent article on "Transportation Moves Forward in Addison" in the Addison Address, it struck me that I own property on the worst street in Addison.

Broadway barely even resembles a street – but rather a mismatched collage of asphalt patches. Over the last three years, Broadway has continually been abused and ignored by city planners.

Consider the abuse this poor street endures almost daily:

- Heavy equipment for the Dart project.
- Trailers of building supplies for Addison Circle and Dart project.
- Speeding trucks and cars of construction crews
- Parades of heavy equipment, trash trucks, tent trucks, refrigerated vending trucks prior, during and after every special event.

In addition, we have endured all the dust, mud and noise that progress brings.

My question to you is, when will something be done to correct the sub-standard condition of this public street?

Looking forward to your reply.

Sincerely,

Holly Mentler

Holly Mentler

pc: Mayor Richard N. Beckert
Jody Mayes Garcia

[redacted] 233-1414
[redacted] 239-7361
[redacted] mentler@aol.com

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

8333 Douglas Avenue, #820 Dallas, Texas 75225-5816 Fax (214) 361-0204 Phone (214) 361-7900

RONALD V. CONWAY, P.E.
JOHN W. BIRKHOFF, P.E.
JOE R. CARTER, P.E.
GARY C. HENDRICKS, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

March 20, 2000

Mr. Robin Jones
Town of Addison
Post Office Box 144
Addison, Texas 75001-0144

Re: Engineering Services Agreement
Broadway Pavement Alternatives

Dear Mr. Jones:

In accordance with your request, we propose to furnish engineering services to review various pavement reconstruction alternates along Broadway from Addison Road to the bend in the roadway. Our services will include the following:

1. Field surveys of the topography along Broadway.
2. Layout the various horizontal alignment of the alternates.
3. Formulation of opinions of probable construction cost for each of those alternates.
4. Complete deed research to determine the right of way along Broadway.
5. Provide a letter report along with cost data for each alternative.
6. Provide the topography survey and each of the improvements for each alternate.

We propose to be compensated for our services on the basis of salary cost times a multiplier of 2.3, expenses times 1.15 and field survey crew at $100.00 per hour. We estimate that this project will require approximately 60 hours to complete and recommend a budget of $5500.00. If you are in agreement, please have one copy of this letter agreement executed by the Town of Addison and returned to our office. We will commence our services at your direction. We are available at your convenience to discuss any questions your may have with this proposal.

Sincerely,

John W. Birkhoff, P.E.

APPROVED FOR THE TOWN OF ADDISON

By: _____

Date: 3/20/2000

Jeffrey Markiewicz

From: Randy Moravec
Sent: Wednesday, July 05, 2000 10:10 AM
To: Jeffrey Markiewicz
Cc: Michael Murphy
Subject: Broadway Paving Project

Jeff,

Please send me a capital project request form for Broadway Paving. I need to assign a project number before I pay a Shimek, Jacobs bill.

THANKS!!!

Randy

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

8333 Douglas Avenue, #820 Dallas, Texas 75225-5816 Fax (214) 361-0204 Phone (214) 361-7900

RONALD V. CONWAY, P.E.
JOHN W. BIRKHOFF, P.E.
JOE R. CARTER, P.E.
GARY C. HENDRICKS, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

May 1, 2000

Mr. Robin Jones
Town of Addison
Post Office Box 144
Addison, Texas 75001-0144

Re: Broadway Street
Pavement Improvement

Dear Mr. Jones:

We have reviewed two viable options for upgrading the paving along Broadway Street from Addison Road to 385 feet east of Addison Road. Both options include a slotted drain pipe to convey storm water from the pavement section and discharging it into the drainage channel in the DART right of way located to the south. Also an underground storm sewer pipe is included in the improvements to be replaced. Our opinion of construction cost for the storm drainage improvements is approximately $31,000.00.

Alternate one for the pavement improvements includes removal of approximately eight inches of existing pavement and base, compaction of the subgrade and placing eight inches of reinforced concrete pavement as shown on the attached exhibit. The second alternate removes two inches of the existing surface and mixes the remainder with hydrated lime with a two-inch asphalt surface. Both alternates will require a finished grade that conveys storm water to the south into the proposed slotted drain. Both alternates would be required to be constructed in sections in an attempt to maintain traffic for the local businesses along the street. It is our opinion that the concrete alternative would be less disruptive and could be constructed easily in sections. Mixing the existing base will require larger areas to be closed during construction so heavy construction equipment can be used. The concrete section in alternate one would require less maintenance than the two inches of asphalt over a ridge base.

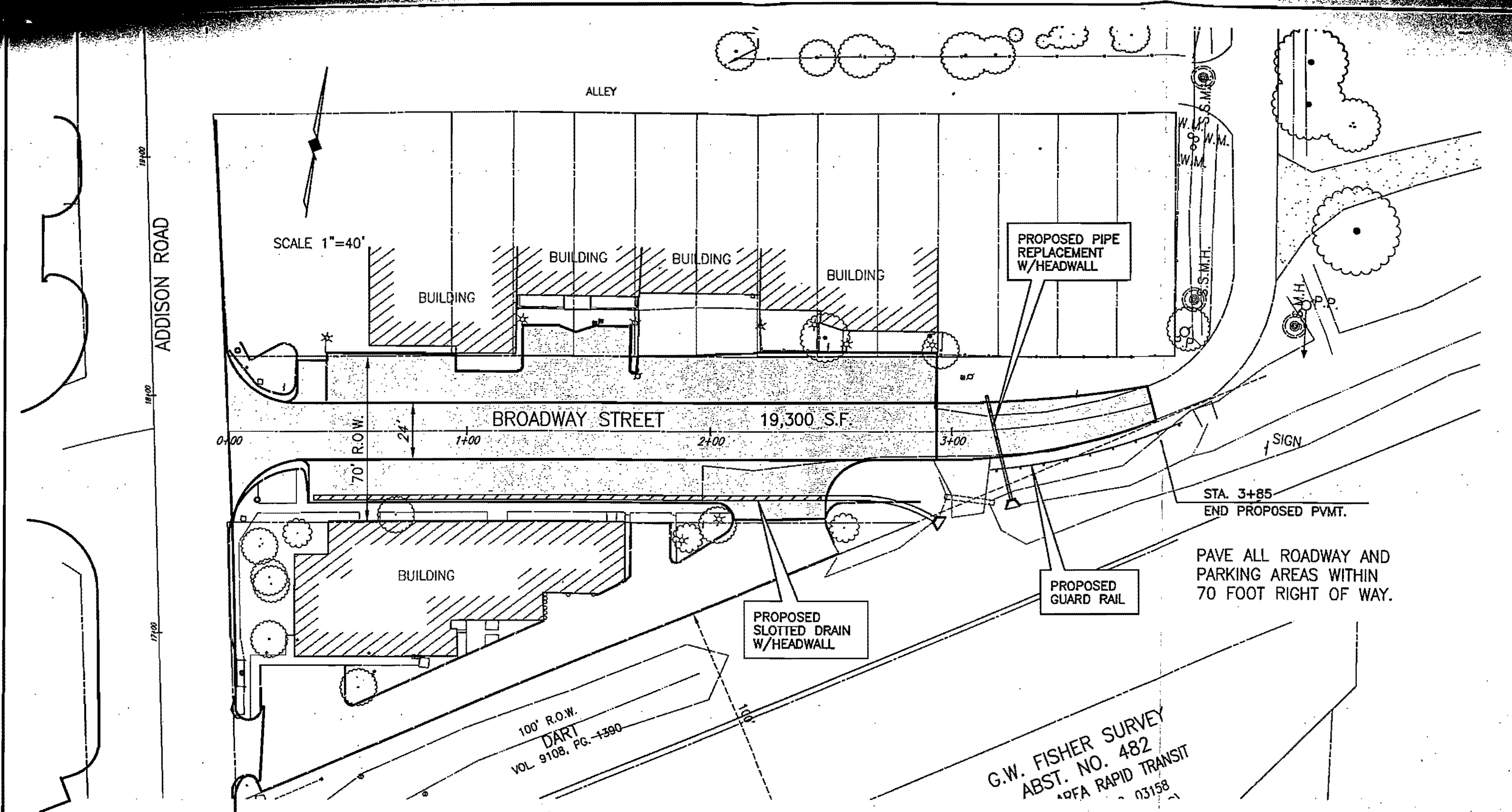
Our opinion of probable construction cost for the eight inches of reinforced concrete pavement and drainage improvements is approximately $191,000.00. Our opinion for the asphalt section with the mixed base is approximately $86,000.00. We are available at your convenience to discuss any questions you may have with our review of two paving alternates for Broadway Street.

Sincerely,

John W. Birkhoff, P.E.

Enclosure

J:\addison\2000119\Ltr\corr\costs.doc



OPTION A
OPINION OF CONSTRUCTION COST

8" REINF. CONCRETE	$150,000
DRAINAGE PIPE & HEADWALL	$10,000
SLOTTED DRAIN & HEADWALL	$31,000
	$191,000

OPTION B
OPINION OF CONSTRUCTION COST

MIX BASE WITH LIME PLUS 2" ASPHALT	$45,000
DRAINAGE PIPE & HEADWALL	$10,000
SLOTTED DRAIN & HEADWALL	$31,000
	$86,000

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
DATE: 5/1/00

STATE OF TEXAS — JOHN W. BIRKHOFF — 54137 — REGISTERED PROFESSIONAL ENGINEER

TOWN OF ADDISON, TEXAS

BROADWAY STREET PAVEMENT IMPROVEMENT STUDY

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2000-119	SHEET NO. 1
DRAWN BY: J.L.Y.	DATE: MAY 2000	OF SHEETS

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

October 23, 2000

Mr. Greg Hilton
TXU Electric
1015 Hutton Dr.
Carrollton, Texas 75006

Re: Broadway Street Paving Improvements
From Addison Road to Julian Street

Dear Mr. Hilton:

Please accept this correspondence as a follow-up to our recent conversation regarding the viability of TXU Electric providing underground service on the above mentioned improvement project. The attached preliminary drawing is highlighted to show the location of existing power poles within the project limits. A subsequent revision to this drawing will show the proposed pavement to extend generally to the northern property line. We would appreciate your evaluation as to the feasibility of eliminating the power poles and running your utility underground along Broadway Street.

Your consideration in this matter is greatly appreciated.

Sincerely,

Steven Z. Chutchian P.E.
Assistant City Engineer

Cc: Jim Pierce, Assistant Director of Public Works

TOWN OF ADDISON

PUBLIC WORKS DEPARTMENT (972) 450-2871

Post Office Box 144 Addison, Texas 75001 16801 Westgrove

October 13, 2000

Dear Business Owner:

We are pleased to report that the Town Council has approved funding for the reconstruction of Broadway Street. The Public Works Department has contracted with the firm of Shimek, Jacobs, and Finklea for engineering services.

Plans and specifications are being finalized. We want to share with you our vision for making this a successful construction project by hosting a meeting at the stone cottage on Addison Circle, across from Julian Street, on October 30th from 4:00 p.m. to 6:00 p.m.

Representatives from Shimek, Jacobs, and Finklea, the Public Works Department, and the City Managers Office will be present.

You are important to this process, so please plan on attending Monday, October 30th.

If you have any questions, please call me at (972) 450-2871.

Sincerely,

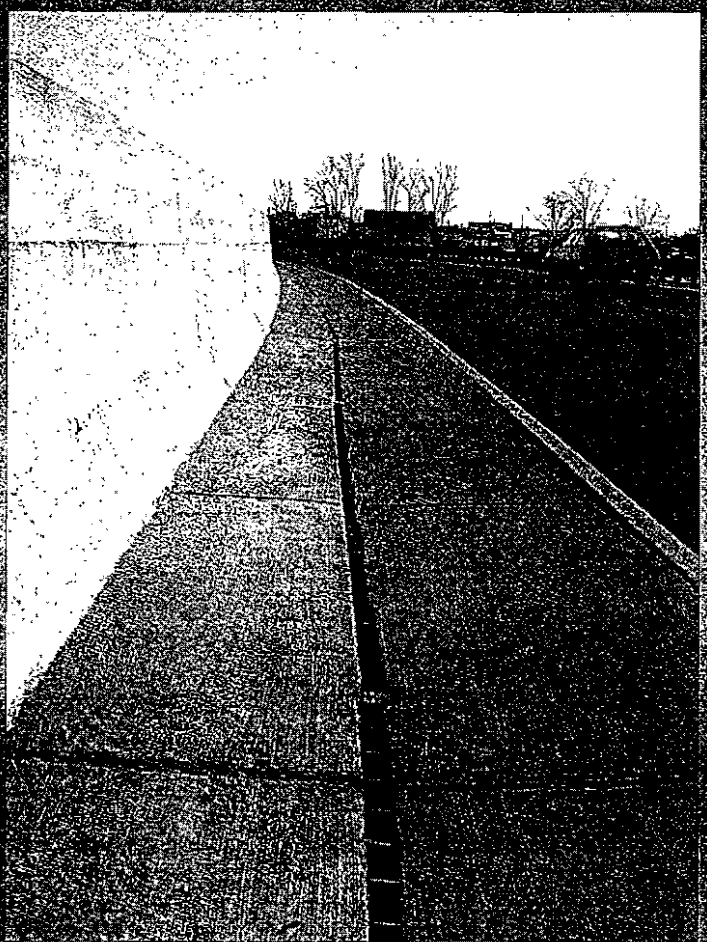
Mike Murphy
Director of Public Works

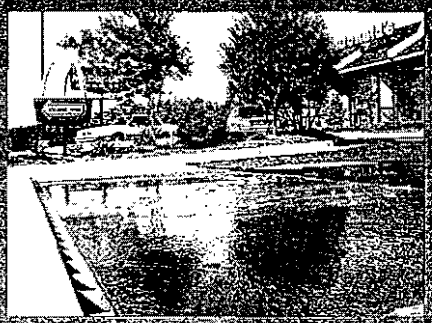
Greg Hilton
TXU

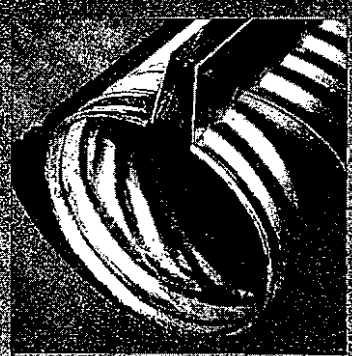
972-323-8913
1015 Hutton Dr.
Carrollton, TX.
75006

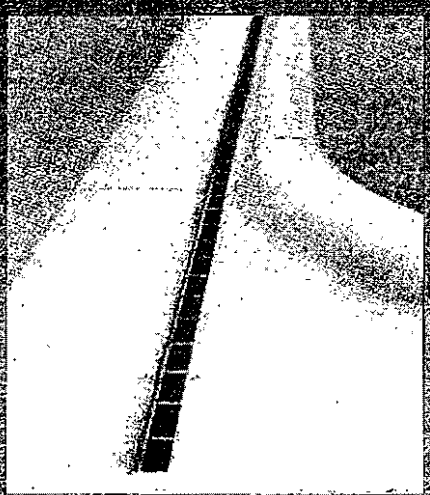
CONTECH
CONSTRUCTION PRODUCTS INC.

Slotted Drain









What is CONTECH Slotted Drain?

The early removal of water from roadways and other prepared surfaces increases travel safety, provides erosion control, and helps inhibit surface deterioration. Many methods and systems are used to remove surface water, but none is growing in use quite like CONTECH Slotted Drain.

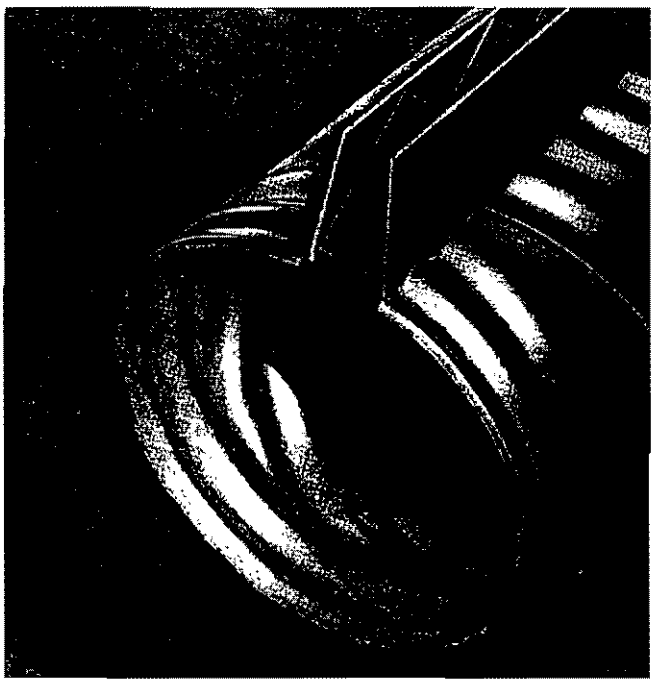
CONTECH Slotted Drain is a practical, aesthetically pleasing inlet for the efficient removal of surface water on streets and highways. It also is widely used in parking lots and other similar locations, where it removes sheet flow without complex multiple grades or water channeling devices like asphalt dikes, berms, and curbs.

Slotted drain is fabricated from CONTECH Corrugated Steel Pipe. The pipe is cut along a longitudinal axis, and a grate with trapezoidal or straight-sided reinforcing spacer plates is welded in place to form a 1 ¾-inch-wide slot opening. When the opening to the slot is installed flush to the surface, it collects runoff and channels it to the pipe below, from which it flows to the appropriate outlet.

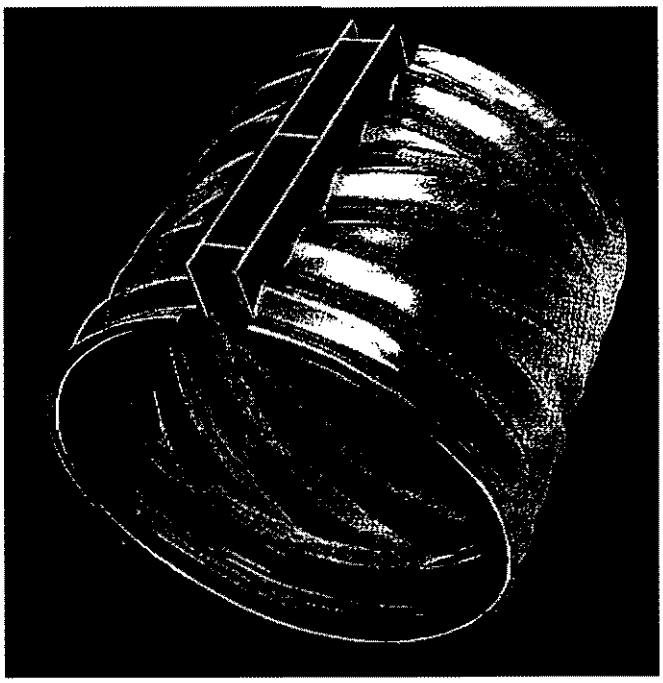
Slotted drain is fabricated at plants throughout the United States, allowing fast delivery no matter where your project is located.

CONTECH Slotted Drain has a variety of applications for removal of surface water:

- Curb inlets.
- Inlet system across driveway cuts.
- Shoulder drains along median barriers.
- Pedestrian thoroughfares, malls, and bicycle paths.
- Replacements for curbs and berms where those obstacles are undesirable for safety reasons.
- Ground-level floors with drainage requirements.
- Parking lots or other continuous paved surfaces.
- Sidelines of playing fields in stadiums.
- Airport aprons, taxiways, hangers, and deicing areas.



The trapezoidal design of the slot plus slanted spacer plates improve the hydraulic efficiency of CONTECH Slotted Drain, and provide for easier maintenance.



Parallel side grate is still available and is used for variable-height grate. For variable height grate information, see Pages 4 and 9.

Why CONTECH Slotted Drain is better than other drain systems

Improved drainage efficiency

A standard 20-foot length of slotted drain will intercept up to 50% more runoff than most standard 2' x 2' grate inlets.* With solid cross plate spacers tipped at 30°, runoff is directed into the open slot for more efficient interception. (The hydraulic information on Page 7 will help determine the lengths of slotted drain needed to meet your hydraulic requirements.)

Structurally sound

CONTECH Slotted Drain is constructed of heavy grate and heavy spacer plates to resist deformation under heavy traffic loads and thermal expansion.

*Source: Figure 15, Hydraulic Engineering Circular No. 12, U.S. Department of Transportation, March 1984. This document is available from the National Technical Information Service, Springfield, VA 22161.

The design has been tested using truck loading parallel and perpendicular to the slot.

Today the grate height of six inches is the most widely used height for standard AASHTO H 20 loading.

Better Safety

Because slotted drain can be installed so that it extends only two inches from the curb, hazardous dips in grade are eliminated. And slotted drain minimizes hazards to two-wheel vehicles.

Fewer debris problems

Debris is less likely to wedge in slotted drain's trapezoidal slots. Anything large enough to fit through the top of the slot opening will fall harmlessly through to the bottom of the drain. And because of its long length, slotted drain will retain its effectiveness even when a localized blockage occurs in one area. Under similar conditions, a conventional drain would be severely restricted.

Easier to maintain

No hardware or heavy grates to remove. No protrusions that can be damaged with snow plows. Cleaned by flushing with water from hoses.

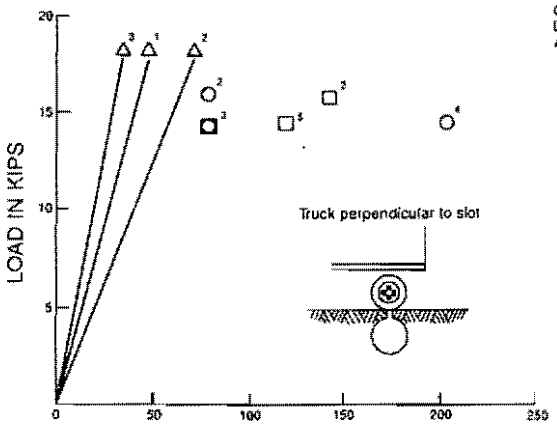
No unusual freezing

When freezing occurs, slotted drain will handle ice, snow, and runoff equally as well as any conventional drainage system.

Easier to install

Field experience indicates that installation of slotted drain is much easier than installation of conventional catch basis systems.

LOAD-DEFLECTION RELATIONSHIPS
EQUIVALENT SINGLE AXLE LOAD, KIPS



○—14 gage pipe
□—16 gage pipe
△—Benkleman Beam measurements in shoulder area.

Road II-SD-805-3.5/7.3

1—Location 1	0.25' AC 0.50' CTB 1.25' AS
2—Location 2	0.25' AC 0.40' AB
3—Location 3	Var. AS

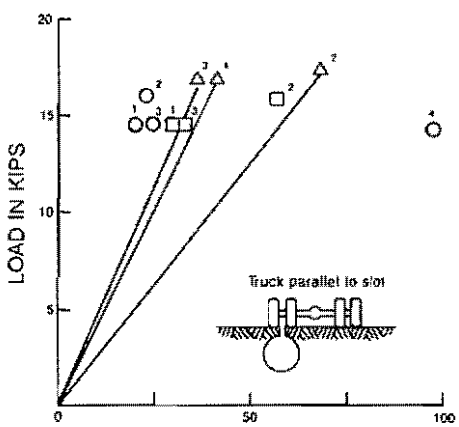
Road II-SD-805-17.1

4 (A.C. Backfill)	0.25' AC 0.45' AB Var. AS

Road 07-Ora-55

5 (Grout Backfill)	0.25' AC 0.50' AB

Note:
1. Excavated material used for backfill at location 1, 2 & 3.
2. Location 2 had a 5% cross slope.



Key for Load Table Symbols:
AC – Asphaltic Concrete AB – Aggregate Base
AS – Aggregate Subbase CTB – Cement Treated Base

Product details

Pipe

Slotted drain made from CONTECH Corrugated Steel Pipe with HUGGER Joints meets applicable portions of AASHTO Designation M36 and ASTM A 760. Pipe is fabricated from galvanized steel for excellent durability, or from Armco ALUMINIZED STEEL Type 2 when more corrosion resistance is required. Pipe is available in 12-inch through 36-inch diameters and in 14-gage and 16-gage. Thirty-and 36-inch-diameter pipe also is available in 12-gage.

Grate

The slotted drain concept was developed in the early 1960s in California. From the beginning, a need for certain structural requirements was recognized in the grating design and in its attachment to the pipe wall. The CONTECH grating system and design is the result of many years of experience and is the only product of its type that will meet the State of California Department of Transportation qualification tests.

Joints and couplers

Standard 20-foot lengths of slotted drain normally are joined with a modified version of the HUGGER Band. Because the grate is extended to within one inch of the end of the pipe (to provide a fully continuous slot), the band is trimmed back to accommodate the grating at the joint. A single band bolt is provided for band tensioning.

An alternate jointing system is the use of closure plates. The closure plate jointing system helps align the grates and gives a more finished appearance as desired in some applications.

Heel guard

When slotted drain is installed in areas of heavy pedestrian traffic, expanded wire mesh can be specified for installation across the top of the drain opening. This helps to prevent shoe heels from being caught in the open slot. One-half-inch (#13) standard galvanized expanded metal mesh is welded directly to the grating at the plant. As an alternative, paint wide, bright yellow warning stripes on the pavement adjacent to each side of the slot.

Fittings

A complete line of standard corrugated steel pipe fittings is available to simplify installation of slotted drain under many conditions: On a curve, through a change in elevation, or through a change in pipe diameter.

Fittings include 90-degree tees, wyes, and elbows with annular ends for the HUGGER Band; stubs, special junctions, angle/tee combinations, and special end caps. *These fittings do not have a grate.*

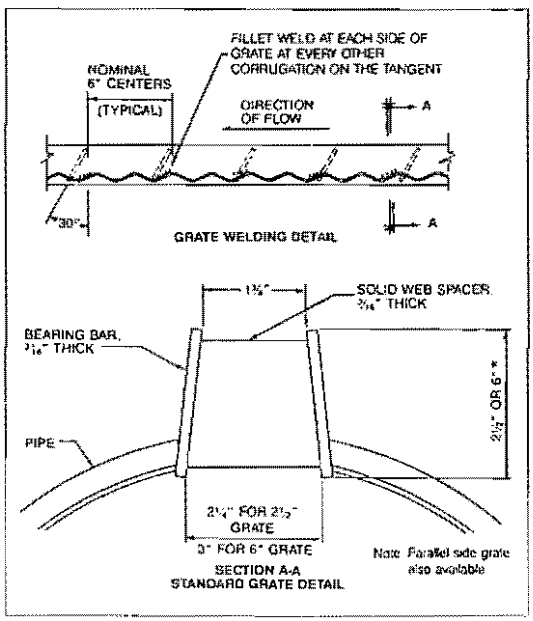
Pipe diameters can be changed with a plate reducer.

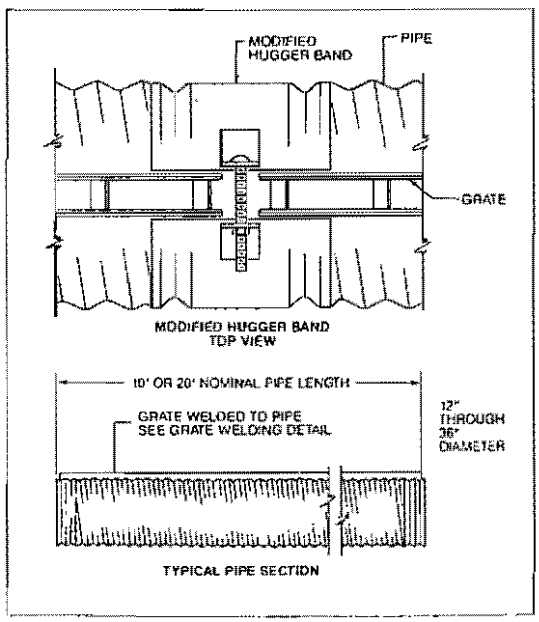
Variable-height grate

Variable-height grates* (straight-sided grate only) can be supplied for installation on flat grades. Generally, the grade built into variable-height grates is a maximum of 1%. See CONTECH Drawing 1008732.

Tolerances (20-foot length)

The design engineer should be able to work with the manufacturing tolerances of vertical bow ±3/8 inch, horizontal bow ±5/8 inch, and twist ±1/2 inch on a 6-inch grate. On special requirements, the engineer should call the local CONTECH Sales Engineer.



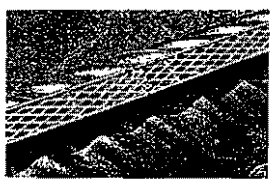


*Heights up to 31 inches are available in *special* straight-sided grates. Call your CONTECH Sales Engineer for details.

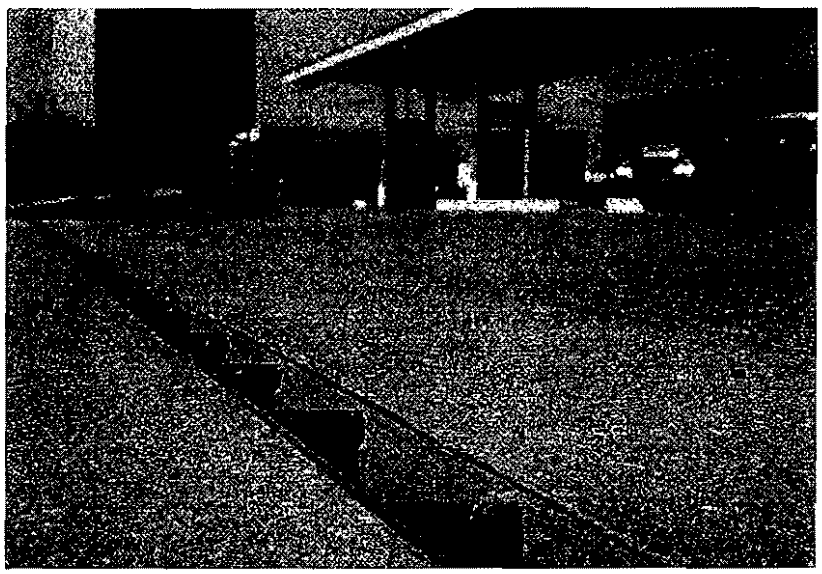
Wide acceptance— used for more than 30 years

CONTECH Slotted Drain has been used at many locations throughout the United States for more than 30 years...simply because it is the most effective answer to water removal problems. Time and again, slotted drain has been selected over other drainage methods because it provided advantages the other systems could not.

About 3,900 feet of 12-inch, 16-gage slotted drain on I-70 in the Indianapolis, Indiana, area allows water to drain between the guide rail and the shoulder. Replacing curbs and drain basins with continuous lengths of slotted drain opens up an obstruction-free roadside that greatly enhances the effectiveness of the shoulder to help improve the safety on the highway.



Expanded wire mesh heel guard can be specified in areas of heavy pedestrian traffic.

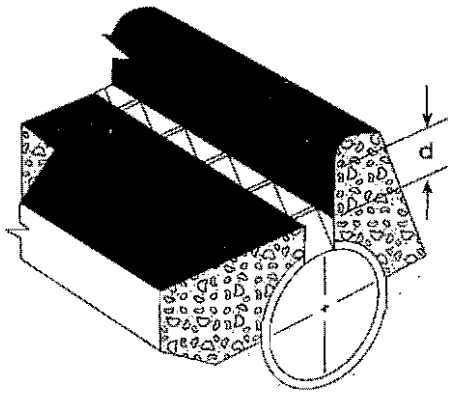


Slotted drain is widely used in parking areas and driveways, where its ability to provide efficient drainage without the need for hazardous dips in pavement is a safety asset.

Grate inlet hydraulics

Slotted drain can be used to intercept runoff in any one of the following ways:

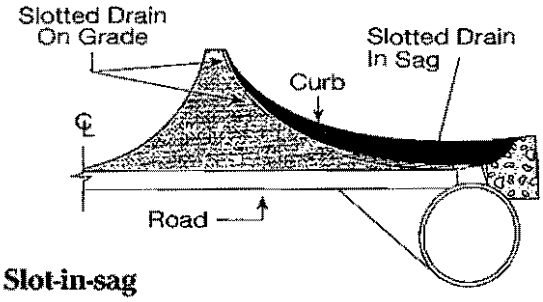
1. Installed in a typical curb-and-gutter as a slot-on-grade to intercept flow from streets and highways.
2. Installed in a typical curb-and-gutter at a sag or low point in a grade to accommodate carryover from preceding slots on a grade and to intercept surface runoff sloped to the gutter.
3. Installed in wide, flat areas to intercept overland or sheet flow (as on a parking lot).



1. Slot-on-grade in typical curb and gutter

For any given discharge, Q, cross slope, S_x, and longitudinal gutter slope, S, the required slotted drain length can be determined from the nomograph (Figure A) on Page 7.

It is common practice in curb and gutter drainage design to carry over up to 35% of the total discharge, Q_d, to the next inlet. See Figure B on Page 7 for the carryover efficiency curve.



Typical cross section of combination slot-on-grade and a slot-in-sag

2. Slot-in-sag

When slotted drain is installed in a sag or at a low point in grade, the length of the slot is calculated from the formula:

$$L_T = \frac{1.4Q}{\sqrt{d}}$$

Normally a safety factor of two is used in a sag. $L_S = 2 \times L_T$.

3. Overland sheet flow

Slotted drain is used effectively to intercept runoff from wide, flat areas such as parking lots, highway medians—even tennis courts and airport taxiways. In these installations, the drain is placed transverse to the direction of flow, so that the open slot acts as a weir intercepting all of the flow uniformly along the entire length of the drain. The water is not collected and channeled against a berm (curb), as required by slot-on-grade installations.

Slotted drain has been tested for overland flow (sheet flow). These results are published in Report No. FHWA-RD-79-106 by the Federal Highway Administration.

The test system was designed to supply at least 0.025 cfs per foot, which corresponds to a rainstorm of 15 inches per hour over a 72-foot-wide roadway (six lanes).

At the design discharge of 0.025 cfs per foot, the total flow fell through the slot as a weir flow. The tests included flows up to 0.040 cfs per foot of slot.

Slopes ranged from a longitudinal slope of 9% and a Ƶ of 16, to a longitudinal slope of 5% and a Ƶ of 48.

The water ranged in depth from 0.38 inches to 0.56 inches. Velocity ranged from 1.263 ft/sec to 0.857 ft/sec.

Even at the maximum discharge of 0.04 cfs per foot and maximum slopes, nearly all the flow passed through the slot. Only some water hitting the spacer plates and splashing over was not intercepted.

Using:

$Q = CIA$, then $A = \frac{Q}{CI}$

Where:

Q given as 0.04 $ft^3/sec/ft$ of slotted drain

C = 0.80 to 0.95 for asphalt pavement

After the engineer selects C and I (ft/sec), A can be calculated. Since Q is per foot of slot, A is ft^2/ft of slot. Since the units for A can be reduced to feet, the value of A is also the distance parallel to the flow intercepted by one foot of slot.

Example:

C = 0.85

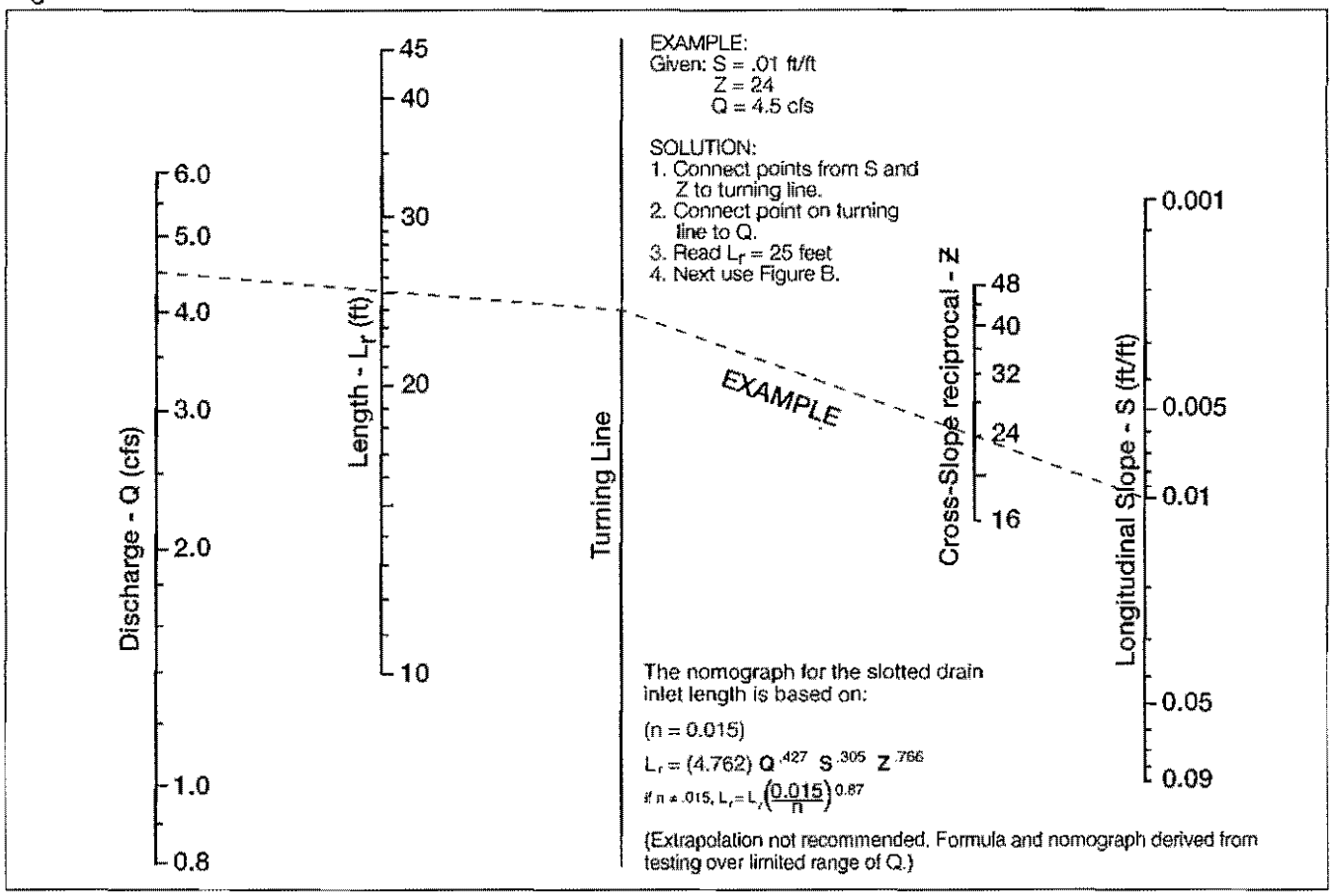
I = 10 in./hr or 0.0002315 ft/sec

$$A = \frac{0.04\ ft^3/sec/ft}{0.85 \times 0.0002315\ ft/sec}$$

$A = 203.3\ ft^2/ft$

Therefore, at the selected C and I, one foot of slot will intercept flow from 203.3 linear feet upstream of the slot.

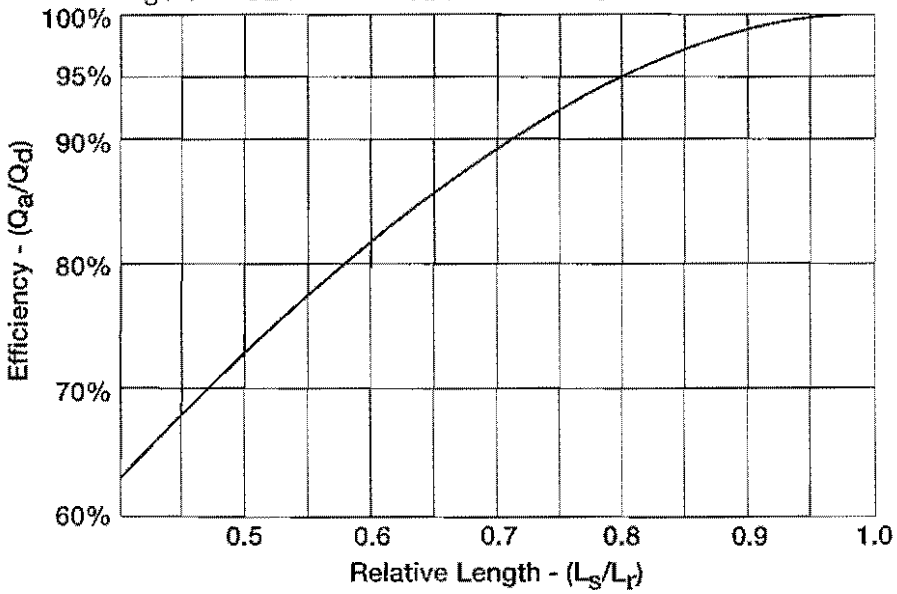
Figure A: **NOMOGRAPH—SLOTTED DRAIN ON GRADE IN CURB AND GUTTER**



Definitions

- S — Longitudinal gutter or channel slope, ft/ft
- S_x — Transverse slope, ft/ft
- Z — Transverse slope reciprocal $\left(\frac{1}{S_x}\right)$, ft/ft
- d — Depth of flow over the slot, ft
- L — Length of slot, ft
- L_r — Length of slot required for total interception, ft
- L_s — A selected length of slot, ft
- Q — Discharge into inlet, cfs
- Q_d — Total discharge at an inlet, cfs
- Q_a — An allowed discharge, cfs
- C — Runoff coefficient
- I — Rainfall intensity, ft/sec
- A — Area drained

Figure B: **SLOTTED DRAIN CARRYOVER EFFICIENCY**



Example: Solution from Figure A is L_r = 25 feet. If a standard 20-foot length is used, relative length ratio L_s/L_r = 20 ft/25 ft = 0.8. From Figure B with a relative length ratio of 0.8, the efficiency is 95%. Ninety-five percent of the flow is intercepted by the 20-foot length, and 5% runs down the gutter to be intercepted by the next slot.

Installation

One of CONTECH Slotted Drain's primary advantages is economical design and installation. Unlike typical parking lots that require grades to be sloped in four directions for *each grate*, a parking lot with slotted drain requires only one transverse and one longitudinal slope for the entire drainage area. That translates to a lower-cost installation for the contractor, and less stake-out for the engineer. And because of slotted drain's efficiency in removing surface water, fewer collectors—and fewer laterals under the roadway—are needed.

When properly installed, slotted drain provides a better-looking, more efficient drainage system at a lower cost. Photographs illustrate the basic steps for installing slotted drain as a curb inlet. The procedure is basically the same in other applications.

Experience has shown the best method for installing slotted drain is to place it in a contoured trench, level it to grade, backfill with high slump concrete, then pave with the desired surfacing material. The pipe must be placed so the slanted spacer plates are facing upstream, leaning against the direction of surface flow.

In long runs, construction joints should be placed perpendicular to the pipe runs.

Modified HUGGER Bands or the closure plate jointing system is used to join adjacent pipes.

Your CONTECH Sales Engineer can discuss various installation techniques with you.

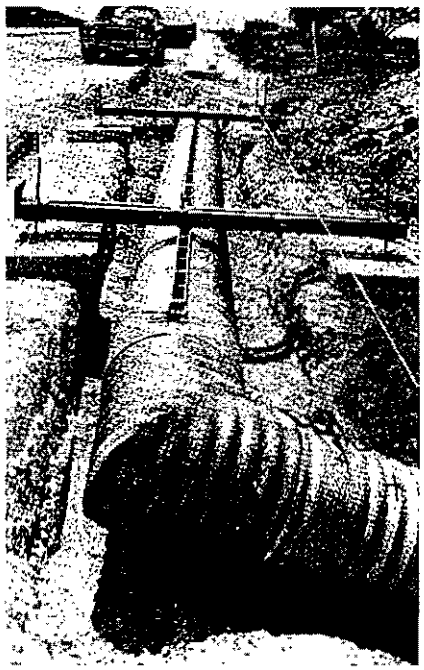
Contoured trench
Installing slotted drain in a contoured trench reduces the amount of concrete required.

Leveling to grade
Contractors have developed many methods for positioning slotted drain in the trench prior to backfilling.

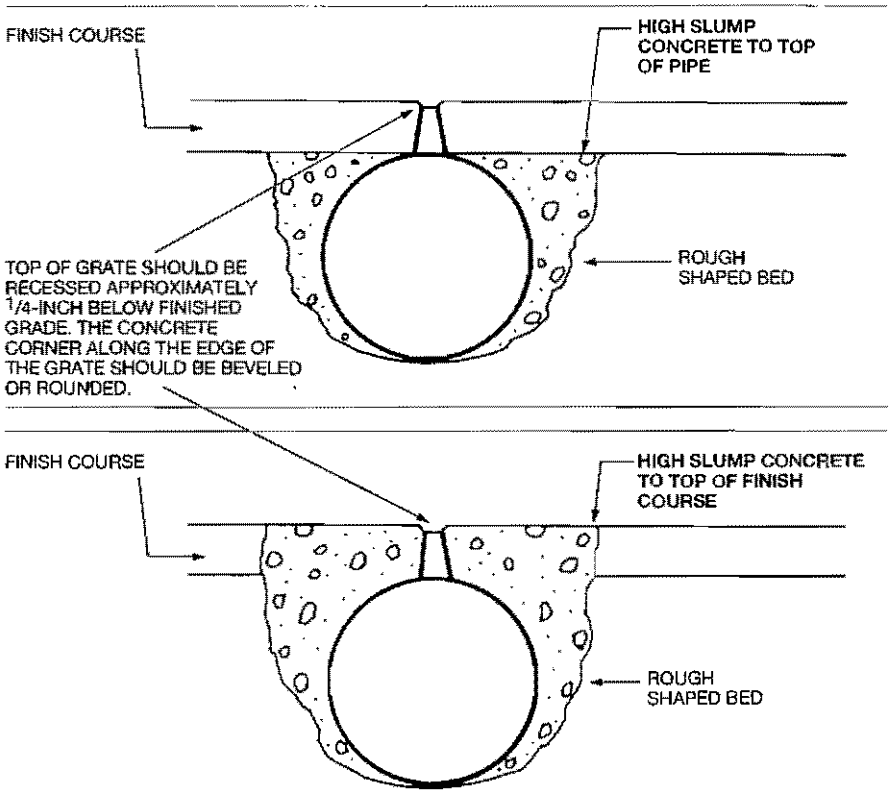
One popular method, shown here, is to use positioning devices fastened through the slotted opening with a toggle bolt or similar device.

Another method involves leveling the pipe with granular material at selected points along the drain pipe. The remaining area is backfilled with high slump concrete.

Grate extensions
Grate extensions are available if the height needs to be raised at a future time.



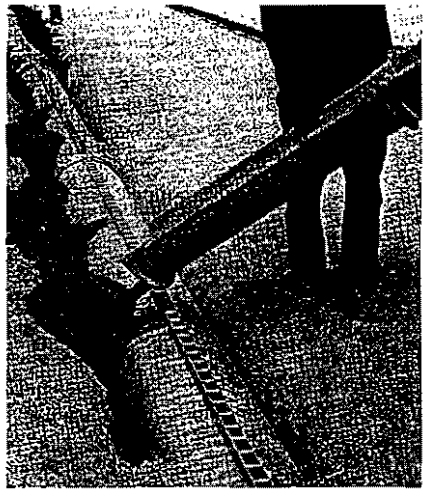
Slotted drain is held to line and grade before backfilling.



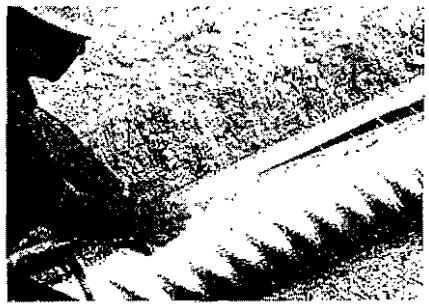
RECOMMENDED INSTALLATION PRACTICES
Ask for CONTECH Drawing 1008607

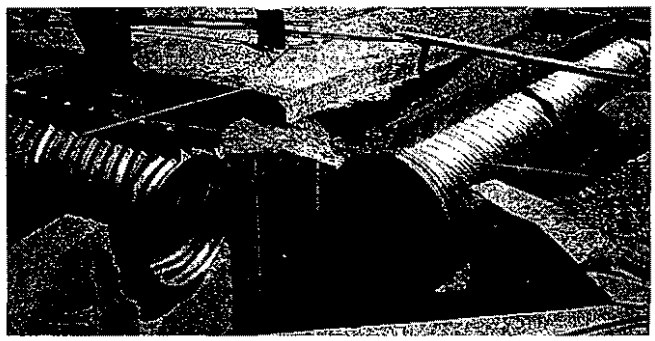
For installation aids, call your local CONTECH Sales Engineer.

High slump concrete
After the slotted drain has been leveled to grade, it is important that a high slump concrete or lean grout (minimum 750 psi compressive strength) be used as backfill. The high slump concrete helps ensure a uniform foundation and side support, and transfers the live load to the surrounding earth. In non-live load areas, A-1-a AASHTO M145 backfill or cement stabilized sand is sufficient.

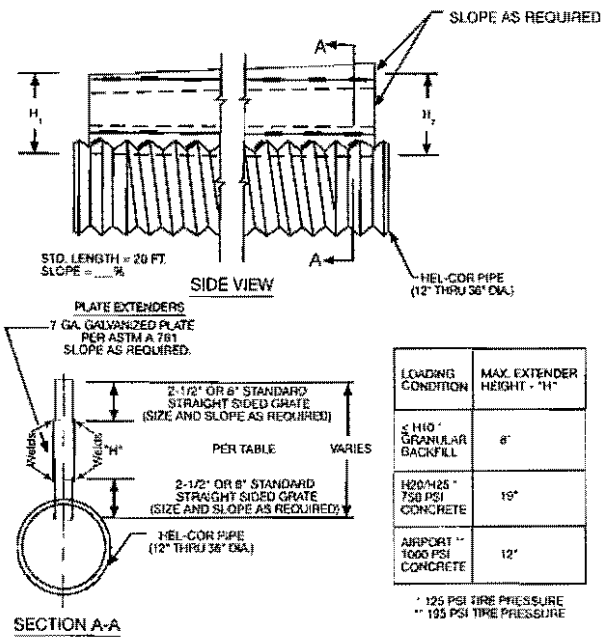


Surfacing
Once the slotted drain is backfilled with high slump concrete, cover the slotted opening before surfacing, and leave it covered until the paving operation is complete. Duct tape, metal strips, or lumber can be used to cover the slot.



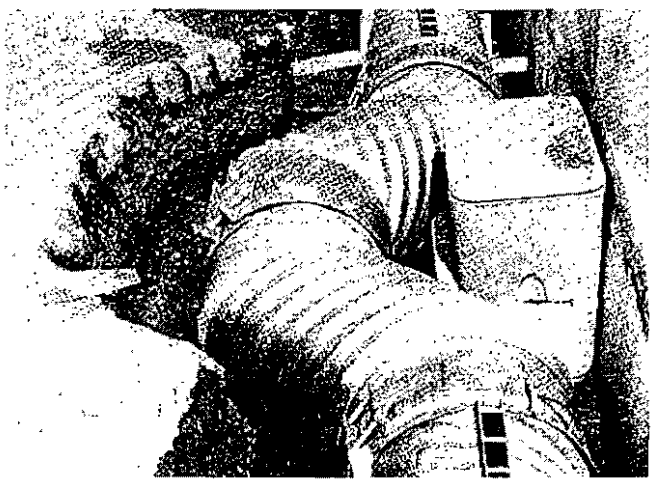


See Variable Height Grate Drawing 1008732

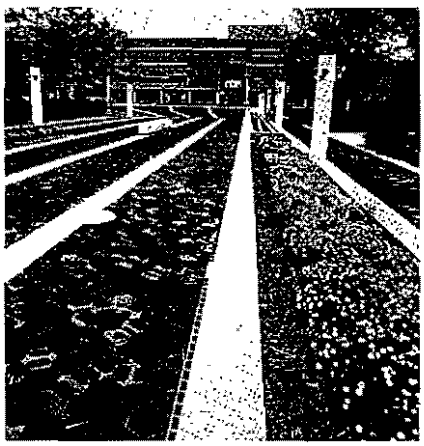


LOADING CONDITION	MAX. EXTENDER HEIGHT - "H"
≤ H10 * GRANULAR BACKFILL	6"
H20/H25 * 750 PSI CONCRETE	19"
AIRPORT ** 1000 PSI CONCRETE	12"

* 125 PSI TIRE PRESSURE
** 195 PSI TIRE PRESSURE



Specification



Designers and engineers installing walkways and promenades around sports stadiums, civic centers, shopping malls, parks, and other pedestrian-traveled surfaces have used slotted drain as an integral part of the landscape architecture.

Slotted Drain Specification

1.0 *General*

1.1 This specification covers slotted drain used for removal of water as shown on the plans.

1.2 The corrugated steel pipe used in the slotted drain shall meet the requirements of AASHTO M36/ASTM A 760. The CSP shall be made of ALUMINIZED STEEL Type 2 (AASHTO M274). The diameter and gage shall be as shown on the plans.

2. *Connections*

2.1 The CSP shall have a minimum of two rerolled annular ends.

2.2 The slotted drain bands shall be modified HUGGER Bands to secure the pipe and prevent infiltration of backfill.

2.3 When the slotted drain is banded together, the adjacent grates shall have a maximum 3-inch gap.

3. *Grates*

3.1 The grates shall be manufactured from ASTM A 570, Grade 36 or ASTM A 36 steel. The spacers and side plates shall be 3/16-inch material ±0.008 inches. The plate extenders are minimum 7 gage and made from ASTM A 761 or the above materials.

3.2 The spacer plates shall be on 6-inch centers and welded on both sides to each bearing plate (sides) with four 1 ¼-inch-long 3/16-inch fillet welds on each side of the bearing plate.

3.3 The engineer may call for tensile strength test on the grate if the grate is not in compliance with 3.1 and 3.2. If tensile strength tests are called for, minimum results for an in-place spacer plate pulled perpendicular to the bearing plate shall be:

T = 12,000 pounds for 2 ½-inch grate

T = 15,000 pounds for 6-inch grate

3.4 The grates shall be trapezoidal with a 1 ¾-inch opening in the top and 30° slanted spacer plates unless shown otherwise on the plans. The grate shall be 2 ½ inches high or 6 inches high as shown on the plans.

4. *Galvanizing*

4.1 The grate shall be galvanized in accordance with ASTM A 123 except with a 2-ounce galvanized coating.

5. *Grate Attached to CSP*

5.1 The grate shall be fillet welded a minimum 1-inch long to the CSP on each side of the grate at every other corrugation.

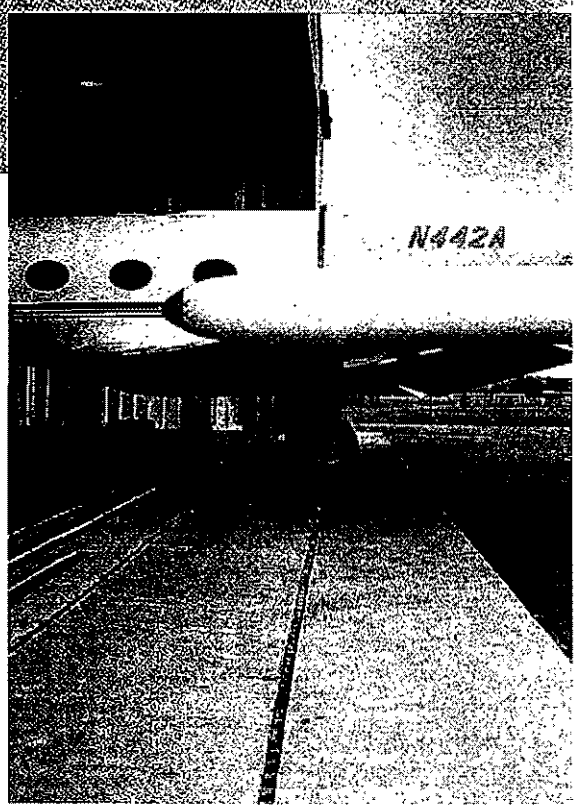
6. *Tolerances—Finished Slotted Drain Grates—20-foot Lengths*

6.1 Vertical bow is ±3/8 inch.

6.2 Horizontal bow is ±5/8 inch.

6.3 Twist is ±1/2 inch.

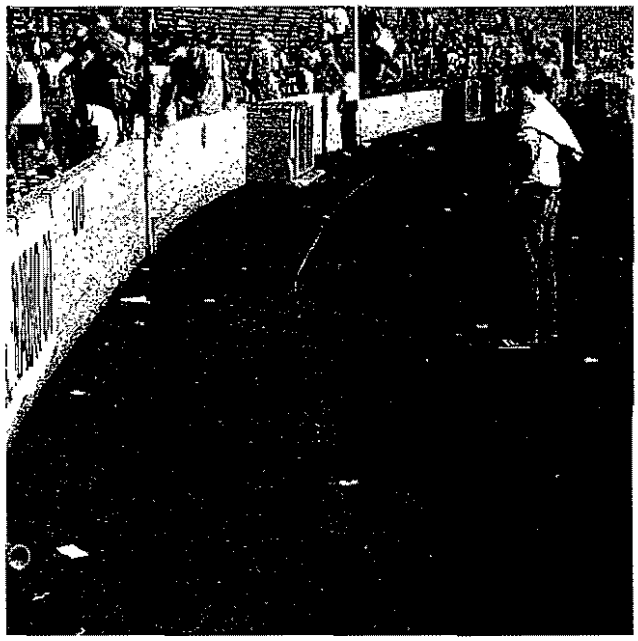
Note
For slotted drain installations with other than 2½" x 6" standard grate, and for all special loading conditions, contact your CONTECH Sales Engineer.

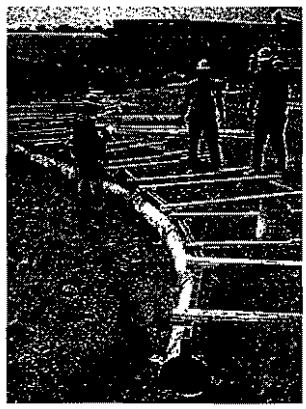


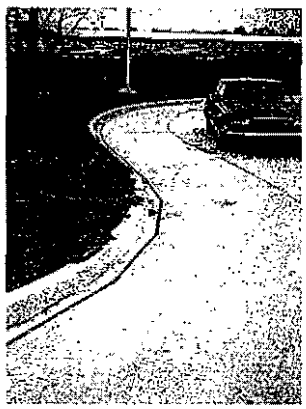
Slotted drain is often used at airports where relatively large, flat areas are necessary to accommodate airplanes moving in and out of terminal areas. The municipal airport at Colorado Springs, Colorado, solved water ponding problems adjacent to the airport aprons with slotted drain. It intercepts sheet flow before ponding begins. For airport loading (tire pressure in excess of 125 psi), ask your CONTECH Sales Engineer for Drawing #1008136.

An answer to your site development problems

In addition to slotted drain, there is a size and type of CONTECH product to help solve almost any civil engineering site development problem. You can use these products with complete confidence in their strength, durability, and economy. They have been tested and proven by a half-century of research and practical field experience. Discuss your requirements with your CONTECH Sales Engineer, or call a sales office shown below.







CONTECH CONSTRUCTION PRODUCTS INC.
P. O. Box 800 • Middletown, Ohio 45042
Regional Offices are in the following locations:

Arkansas (North Little Rock) 72115	P. O. Box 686	501/758-1985
California (San Bernardino) 92408	1845 S. Business Center Dr., Suite 130	909/885-8800
Colorado (Wheat Ridge) 80033	4891 Independence St., Suite 195	303/431-8999
Georgia (Atlanta) 30359	P.O. Box 29649	404/325-0814
Illinois (Oak Brook) 60521-9001	1200 Harger Road, Suite 707	630/573-1110
Indiana (Indianapolis) 46250	7164 Graham Road, Suite 120	317/842-7766
Kansas (Topeka) 66614-2466	5883 S.W. 29th St.	913/273-5950
Massachusetts (Palmer) 01069	Fenton St.	413/283-7611
North Carolina (Raleigh) 27609	4700 Homewood Court, Suite 108	919/781-8540
Texas (Irving) 75062	4425 West Airport Freeway, Suite 340	972/659-0828

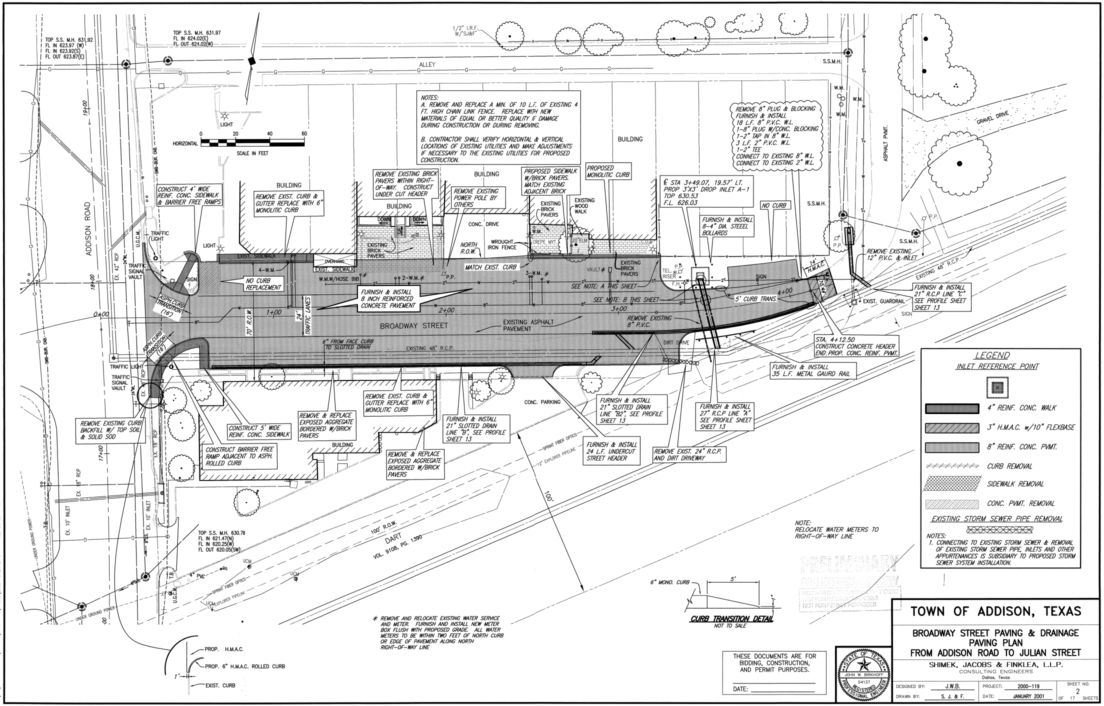
Sales Offices are in principal cities.

CONTECH CONSTRUCTION PRODUCTS INC.

C&D One Hundred YEARS

SD-101
Edition 4

Litho in U.S.A.



TOP S.S. M.H. 631.92
FL IN 623.97 (W)
FL IN 623.92(S)
FL OUT 623.87(E)
TOP S.S. M.H. 631.97
FL IN 624.02(E)
FL OUT 624.02(W)
1/2" I.R.F. W/"SJ&F"
ALLEY
S.S.M.H.
LIGHT
HORIZONTAL
0 20 40 60
SCALE IN FEET
NOTES:
A. REMOVE AND REPLACE A MIN. OF 10 L.F. OF EXISTING 4 FT. HIGH CHAIN LINK FENCE. REPLACE WITH NEW MATERIALS OF EQUAL OR BETTER QUALITY IF DAMAGE DURING CONSTRUCTION OR DURING REMOVING.
B. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND MAKE ADJUSTMENTS IF NECESSARY TO THE EXISTING UTILITIES FOR PROPOSED CONSTRUCTION.
BUILDING
REMOVE 8" PLUG & BLOCKING
FURNISH & INSTALL
18 L.F. 8" P.V.C. W.L.
1-8" PLUG W/CONC. BLOCKING
1-2" TAP IN 8" W.L.
3 L.F. 2" P.V.C. W.L.
1-2" TEE
CONNECT TO EXISTING 8" W.L.
CONNECT TO EXISTING 2" W.L.
GRAVEL DRIVE
ASPHALT PVMT.
W.M.
ADDISON ROAD
19+00
18+00
17+00
EX. 42" RCP
U.G.C.M.
SWB-BUR. CAB.
CONSTRUCT 4' WIDE REINF. CONC. SIDEWALK & BARRIER FREE RAMPS
REMOVE EXIST. CURB & GUTTER REPLACE WITH 6" MONOLITIC CURB
REMOVE EXISTING BRICK PAVERS WITHIN RIGHT-OF-WAY. CONSTRUCT UNDER CUT HEADER
REMOVE EXISTING POWER POLE BY OTHERS
PROPOSED SIDEWALK W/BRICK PAVERS. MATCH EXISTING ADJACENT BRICK
PROPOSED MONOLITIC CURB
℄ STA 3+49.07, 19.57' LT.
PROP 3'X3' DROP INLET A-1
TOP 630.53
F.L. 626.03
NO CURB
FURNISH & INSTALL 8-4" DIA. STEEEL BOLLARDS
EXISTING WOOD WALK
EXISTING BRICK PAVERS
CONC. DRIVE
TRAFFIC LIGHT
TRAFFIC SIGNAL VAULT
LIGHT
EXIST. SIDEWALK
OVERHANG
EXISTING BRICK PAVERS
DOWN
NORTH R.O.W.
WROUGHT IRON FENCE
CREPE MYT.
20"ELM
C.O.
VAULT
TEL. RISER
F.H.
P.P.
14'
H.M.A.C.
REMOVE EXISTING 12" P.V.C. & INLET
EXISTING 48" R.C.P.
S.S.M.H.
SIGN
NO CURB REPLACEMENT
4-W.M.
W.M.W/HOSE BIB
2-W.M.
3-W.M.
MATCH EXIST. CURB
SEE NOTE: A THIS SHEET
SEE NOTE: B THIS SHEET
FURNISH & INSTALL 8 INCH REINFORCED CONCRETE PAVEMENT
5' CURB TRANS.
4+00
FURNISH & INSTALL 21" R.C.P LINE "C" SEE PROFILE SHEET SHEET 13
EXIST. GUARDRAIL
ASPH.CURB TRANSITION (16')
0+00
1+00
2+00
3+00
70' R.O.W.
24' TRAFFIC LANES
BROADWAY STREET
EXISTING ASPHALT PAVEMENT
REMOVE EXISTING 8" P.V.C.
6" FROM FACE CURB TO SLOTTED DRAIN
EXISTING 48" R.C.P.
DIRT DRIVE
STA. 4+12.50
CONSTRUCT CONCRETE HEADER
END PROP. CONC. REINF. PVMT.
FURNISH & INSTALL 35 L.F. METAL GAURD RAIL
REMOVE EXISTING CURB BACKFILL W/ TOP SOIL & SOLID SOD
CONSTRUCT 5' WIDE REINF. CONC. SIDEWALK
REMOVE & REPLACE EXPOSED AGGREGATE BORDERED W/BRICK PAVERS
REMOVE EXIST. CURB & GUTTER REPLACE WITH 6" MONOLITIC CURB
CONC. PARKING
FURNISH & INSTALL 21" SLOTTED DRAIN LINE "B2", SEE PROFILE SHEET 13
FURNISH & INSTALL 27" R.C.P LINE "A" SEE PROFILE SHEET SHEET 13
CONSTRUCT BARRIER FREE RAMP ADJACENT TO ASPH. ROLLED CURB
BUILDING
REMOVE & REPLACE EXPOSED AGGREGATE BORDERED W/BRICK PAVERS
FURNISH & INSTALL 21" SLOTTED DRAIN LINE "B", SEE PROFILE SHEET 13
FURNISH & INSTALL 24 L.F. UNDERCUT STREET HEADER
REMOVE EXIST. 24" R.C.P. AND DIRT DRIVEWAY
SPRINT FIBER OPTICS
12" EXPLORER PIPELINE
100'
100' R.O.W.
DART
VOL. 9108, PG. 1390
EX. 18" RCP
EX. 10' INLET
TOP S.S. M.H. 630.78
FL IN 621.47(N)
FL IN 620.25(W)
FL OUT 620.05(SW)
UNDER GROUND POWER
UCM
T.B.
NOTE:
RELOCATE WATER METERS TO RIGHT-OF-WAY LINE
LEGEND
INLET REFERENCE POINT
4" REINF. CONC. WALK
3" H.M.A.C. w/10" FLEXBASE
8" REINF. CONC. PVMT.
CURB REMOVAL
SIDEWALK REMOVAL
CONC. PVMT. REMOVAL
EXISTING STORM SEWER PIPE REMOVAL
NOTES:
1. CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
6" MONO. CURB
5'
CURB TRANSITION DETAIL
NOT TO SALE
* REMOVE AND RELOCATE EXISTING WATER SERVICE AND METER. FURNISH AND INSTALL NEW METER BOX FLUSH WITH PROPOSED GRADE. ALL WATER METERS TO BE WITHIN TWO FEET OF NORTH CURB OR EDGE OF PAVEMENT ALONG NORTH RIGHT-OF-WAY LINE
PROP. H.M.A.C.
PROP. 6" H.M.A.C. ROLLED CURB
EXIST. CURB
1'

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.

DATE: ____________

STATE OF TEXAS — JOHN W. BIRKHOFF — 54137 — REGISTERED PROFESSIONAL ENGINEER

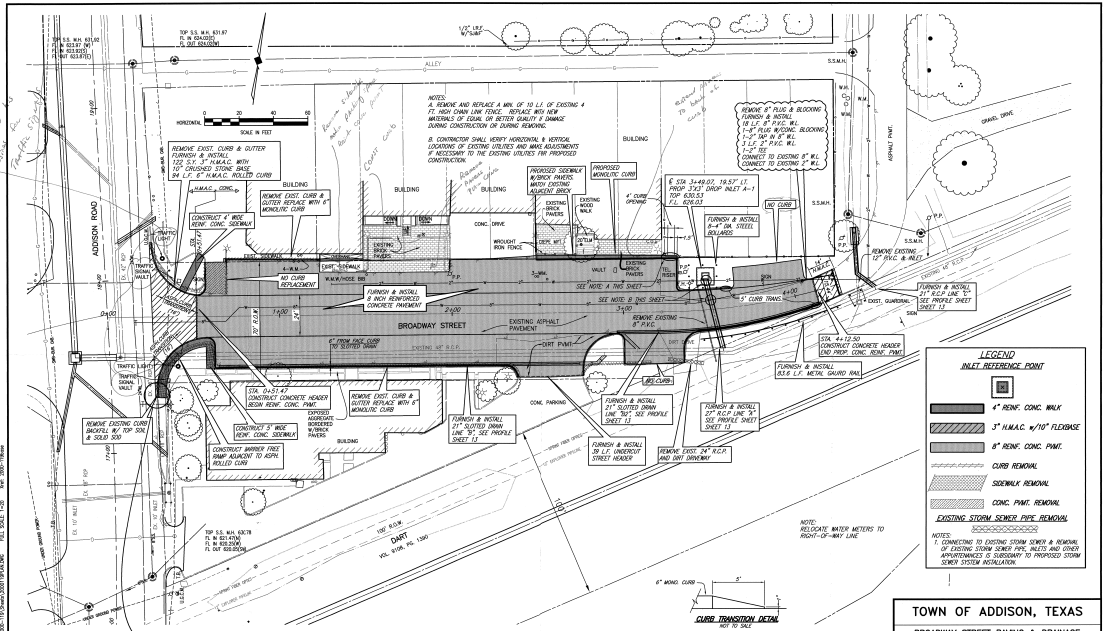
TOWN OF ADDISON, TEXAS

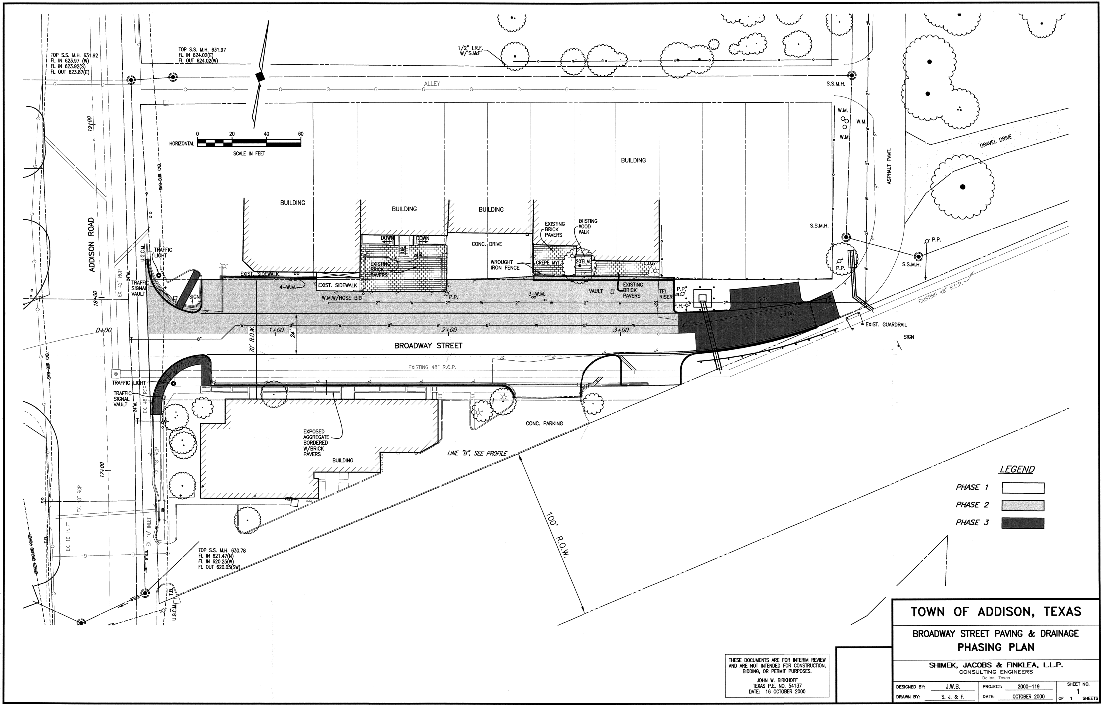
BROADWAY STREET PAVING & DRAINAGE PAVING PLAN FROM ADDISON ROAD TO JULIAN STREET

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY:	J.W.B.	PROJECT:	2000-119	SHEET NO. 2
DRAWN BY:	S. J. & F.	DATE:	JANUARY 2001	OF 17 SHEETS

01/02/01 RJL h:\addison\2000-119\Sheets\2000119PLAN.DWG FULL SCALE: 1=20 Xref: 2000-119base


ADDISON ROAD
BROADWAY STREET
ALLEY
GRAND DRIVE
DART
NOTES:
A. REMOVE AND REPLACE A MIN. OF 10 L.F. OF EXISTING 4 FT. HIGH CHAIN LINK FENCE. REPLACE WITH NEW MATERIALS OF EQUAL OR BETTER QUALITY IF DAMAGE DURING CONSTRUCTION OR DURING REMOVAL.
B. CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATIONS OF EXISTING UTILITIES AND MAKE ADJUSTMENTS IF NECESSARY TO THE EXISTING UTILITIES FOR PROPOSED CONSTRUCTION.
REMOVE EXIST. CURB & GUTTER FURNISH & INSTALL: 120 S.Y. 3" H.M.A.C. WITH 6" CRUSHED STONE BASE 94 L.F. 6" H.M.A.C. ROLLED CURB
REMOVE EXIST. CURB & GUTTER REPLACE WITH 6" MONOLITIC CURB
CONSTRUCT 4' WIDE REINF. CONC. SIDEWALK
REMOVE EXIST. SIDEWALK
NO CURB REPLACEMENT
FURNISH & INSTALL 6 INCH REINFORCED CONCRETE PAVEMENT
6" FROM FACE CURB TO SLOTTED DRAIN
EXISTING ASPHALT PAVEMENT
REMOVE EXISTING 8" P.V.C.
PROPOSED SIDEWALK W/BRICK PAVERS MATCH EXISTING ADJACENT BRICK
PROPOSED MONOLITIC CURB
EXISTING WOOD WALK
4" CURB OPENING
STA. 3+49.07, 19.57' LT. PROP. 13"x7" DROP INLET A-1 TOP 630.53 F.L. 626.03
REMOVE 8" PLUG & BLOCKING FURNISH & INSTALL: 18 L.F. 8" P.V.C. W.L. 1-8" PLUG W/CONC. BLOCKING 1-7" TAP IN 8" W.L. 2 L.F. 7" P.V.C. W.L. 1-7" TEE CONNECT TO EXISTING 8" W.L. CONNECT TO EXISTING 7" W.L.
NO CURB
FURNISH & INSTALL 6-4" DIA. STEEL BOLLARDS
REMOVE EXISTING 12" RCP. & INLET
FURNISH & INSTALL 21" R.C.P. LINE "C" SEE PROFILE SHEET 13
EXIST. GUARDRAIL
SEE NOTE A THIS SHEET
SEE NOTE B THIS SHEET
5' CURB TRANS. 4+00
STA. 4+12.50 CONSTRUCT CONCRETE HEADER END PROP. CONC. REINF. PVMT.
FURNISH & INSTALL 83.6 L.F. METAL GAURD RAIL
STA. 0+51.47 CONSTRUCT CONCRETE HEADER BEGIN REINF. CONC. PVMT.
REMOVE EXIST. CURB & GUTTER REPLACE WITH 6" MONOLITIC CURB
REMOVE EXISTING CURB BACKFILL W/ TOP SOIL & SOLID SOD
CONSTRUCT 5' WIDE REINF. CONC. SIDEWALK
EXPOSED AGGREGATE, BORDERED W/BRICK PAVERS
CONSTRUCT BARRIER FREE RAMP ALIGNMENT TO ASPHL. ROLLED CURB
FURNISH & INSTALL 21" SLOTTED DRAIN LINE "B" SEE PROFILE SHEET 13
FURNISH & INSTALL 39 L.F. UNDERDUT STREET HEADER
FURNISH & INSTALL 21" R.C.P. LINE "B" SEE PROFILE SHEET 13
REMOVE EXIST. 24" R.C.P. AND DIRT DRIVEWAY
CONC. PARKING
NOTE: RELOCATE WATER METERS TO RIGHT-OF-WAY LINE
6" MONO. CURB
5'
CURB TRANSITION DETAIL
NOT TO SALE
PROP. H.M.A.C.
PROP. 6" H.M.A.C. ROLLED CURB
EXIST. CURB
LEGEND
INLET REFERENCE POINT
4" REINF. CONC. WALK
3" H.M.A.C. w/10" FLEXIBASE
8" REINF. CONC. PVMT.
CURB REMOVAL
SIDEWALK REMOVAL
CONC. PVMT. REMOVAL
EXISTING STORM SEWER PIPE REMOVAL
NOTES:
1. CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
JOHN W. BRIGHOFF
TDEQ P.E. NO. 54137
DATE: 13 OCTOBER 2000
TOWN OF ADDISON, TEXAS
BROADWAY STREET PAVING & DRAINAGE
PAVING PLAN
FROM ADDISON ROAD TO JULIAN STREET
SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas
DESIGNED BY: J.W.B.
DRAWN BY: S. J. & F.
PROJECT: 2000-119
DATE: OCTOBER 2000
SHEET NO. 2
OF 16 SHEETS



THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: 16 OCTOBER 2000

TOWN OF ADDISON, TEXAS

BROADWAY STREET PAVING & DRAINAGE
PHASING PLAN

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY:	J.W.B.	PROJECT:	2000-119	SHEET NO.	1
DRAWN BY:	S. J. & F.	DATE:	OCTOBER 2000	OF 1 SHEETS	

10/16/00 RJL h:\addison\2000-119\Sheets\2000119-WL.DWG FULL SCALE: 1=20 Xref: 2000-119WL