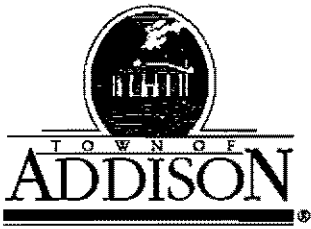


2000-3 Arapaho Road

Change Orders - 2001

5



Public Works / Engineering

16801 Westgrove • P.O. Box 9010

Addison, Texas 75001-9010

Telephone: [972] 450-2871 • Fax: [972] 450-2837

LETTER OF TRANSMITTAL

DATE	8-2-01	JOB NO.
ATTENTION		
RE:	Arapaho Road	
	Phase I	

TO Robert Weber
Ed Boll Const

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
1			Change Order # 9

THESE ARE TRANSMITTED as checked below:

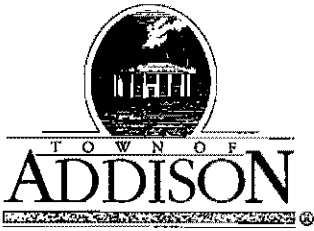
- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED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

REMARKS We can not wait any longer to close this project out. We do not agree with your quantities for items 403, 404, 428, 432, 434 and 437. Please submit your final estimate with the plan quantities for these items. We agree with all other items.

COPY TO _____

SIGNED: [Signature]

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



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 9

Project: Arapaho Road Improvements Phase I

Date: June 21, 2001

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

Description: Striping Changes at Dallas Parkway:

Elim Exist 24" Stripe	98 LF @ \$3.45 = \$338.10
Elim Exist Arrows	8 EA @ \$35.00 = \$280.00
Elim Exist 6" Stripe	487 LF @ \$1.15 = \$560.05
Add 8" Thermo Stripe	826 LF @ \$2.50 = \$2,065.00
Add 4" Thermo Stripe	278 LF @ \$1.25 = \$347.50
Total This Item	\$3,590.65

Substitute Pine Hall Pavers due to shortage of Glen Gary Pavers:
4,898 SF @ \$1.85 = \$9,061.30

CHANGE IN CONTRACT PRICE:

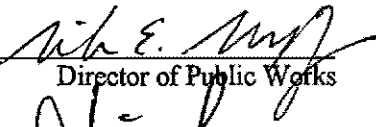
Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 8	\$51,724.36
Net Increase This Change Order:	\$12,651.95
Contract Price Including Change Order Nos. 1 - 9	\$4,004,653.31

Contractor Approval: 
Pres., Ed Bell Construction Co.

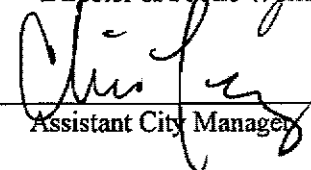
Date: 16 Jul 01

Recommended: 
Asst. Public Works Director

Date: 7/19/01

Town of Addison Approval: 
Director of Public Works

Date: 7/23/01


Assistant City Manager

Date: 7/30/01

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

July 14, 2000

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

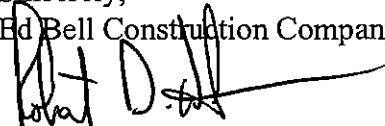
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

Enclosed for your addition to the original contract are two executed copies of change order #9.

If you have any questions regarding this change order, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Manager



Public Works / Engineering

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

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

LETTER OF TRANSMITTAL

DATE	6-21-01	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

- Shop Drawings
- Copy of letter

- Attached
- Prints
- Change order

- Under separate cover via _____ the following items:
- Plans Samples Specifications
- _____

COPIES	DATE	NO.	DESCRIPTION
2			Originals of Change Order #9

THESE ARE TRANSMITTED as checked below:

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

REMARKS I believe remaining items can be
taken care of by adjustment of
quantities. If you agree, please
sign both copies & return.

COPY TO _____

SIGNED: J. [Signature]

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



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 9

Project: Arapaho Road Improvements Phase I

Date: June 21, 2001

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

Description: Striping Changes at Dallas Parkway:

Elim Exist 24" Stripe	98 LF @ \$3.45 = \$338.10
Elim Exist Arrows	8 EA @ \$35.00 = \$280.00
Elim Exist 6" Stripe	487 LF @ \$1.15 = \$560.05
Add 8" Thermo Stripe	826 LF @ \$2.50 = \$2,065.00
Add 4" Thermo Stripe	278 LF @ \$1.25 = \$347.50
Total This Item	\$3,590.65

Substitute Pine Hall Pavers due to shortage of Glen Gary Pavers:
4,898 SF @ \$1.85 = \$9,061.30

CHANGE IN CONTRACT PRICE:

Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 8	\$51,724.36
Net Increase This Change Order:	\$12,651.95
Contract Price Including Change Order Nos. 1 - 9	\$4,004,653.31

Contractor Approval: _____ Date: _____
Pres., Ed Bell Construction Co.

Recommended: _____ Date: _____
Asst. Public Works Director

Town of Addison Approval: _____ Date: _____
Director of Public Works

Assistant City Manager Date: _____

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
253	4/ 3 7:45AM	0'23"	2143523201	Send.....	1 / 1	EC144	Completed.....

Total 0'23" Pages Sent: 1 Pages Printed: 0

*To Robert Wehr
214-352-3201*



PUBLIC WORKS DEPARTMENT
Post Office Box 9010 Addison, Texas 75011-9010 972-460-2871
14801 Wangway

CHANGE ORDER NUMBER 8

Project: Arapaho Road Improvements Phase I Date: March 24, 2000

Owner: Town of Addison Contractor: Ed Bell Construction Co.
 P.O. Box 9010 P.O. Box 540787
 Addison, TX 75001-9010 Dallas, TX 75354-0787

Engineer: Huilt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

Description: Add Item 555: "Replace ballasts and lamps on the Bollard Lights at the Arapaho/Quantum Intersection with 13 watt equipment".
 Cost: 32 Bollard Lights @ \$170.00 per Bollard Light = \$5,440.00

CHANGE IN CONTRACT PRICE:

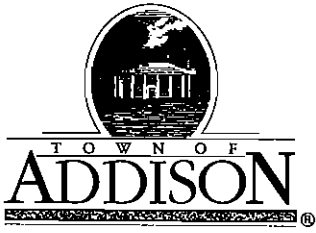
Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 7	\$46,284.36
Net Increase This Change Order:	\$5,440.00
Contract Price Including Change Order Nos. 1 - 8	\$3,992,001.36

Contractor Approval: *[Signature]* *Stevan Ruckey* Date: 27 Mar 00
Pres., Ed Bell Construction Co.

Recommended: *[Signature]* Date: 3-29-00
Asst. City Engineer

Town of Addison Approval: *[Signature]* Date: 3/30/00
Director of Public Works
 Asst. City Mgr.

Original in the mail
[Signature]



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 8

Project: Arapaho Road Improvements Phase I

Date: March 24, 2000

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

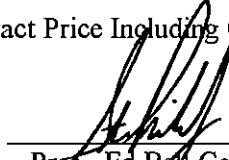
Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

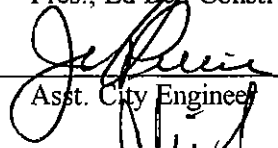
Description: Add Item 555: "Replace ballasts and lamps on the Bollard Lights at the Arapaho/Quorum intersection with 13 watt equipment".
Cost: 32 Bollard Lights @ \$170.00 per Bollard Light = \$5,440.00

CHANGE IN CONTRACT PRICE:

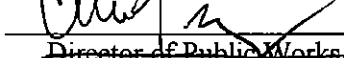
Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 7	\$46,284.36
Net Increase This Change Order:	\$5,440.00
Contract Price Including Change Order Nos. 1 - 8	\$3,992,001.36

Contractor Approval:  Steven Priddy
Pres., Ed Bell Construction Co.

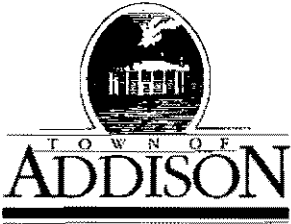
Date: 27 MAR 00

Recommended: 
Asst. City Engineer

Date: 3-29-00

Town of Addison Approval: 
~~Director of Public Works~~
ASST. CITY MGR.

Date: 3/30/00



LETTER OF TRANSMITTAL

Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

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

TO Robert Weber
Ed Bell Const

DATE	4-3-00	JOB NO.
ATTENTION		
RE:	Arroyado Rd	

GENTLEMAN:

WE ARE SENDING YOU

Shop Drawings

Copy of letter

Attached

Prints

Change order

Under separate cover via _____ the following items:

Plans

Samples

Specifications

COPIES	DATE	NO.	DESCRIPTION
1			Original of Change Order No 8. Signed by both parties

THESE ARE TRANSMITTED as checked below:

For approval

For your use

As requested

For review and comment

FOR BIDS DUE _____ 19_____

Approved as submitted

Approved as noted

Returned for corrections

Resubmit _____ copies for approval

Submit _____ copies for distribution

Return _____ corrected prints

PRINTS RETURNED AFTER LOAN TO US

REMARKS Please proceed with this work ASAP

COPY TO _____

SIGNED: Jeffrey

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

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

March 27, 2000

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

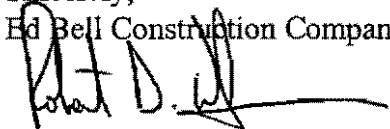
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

Enclosed for your addition to the original contract are two executed copies of change order #8.

If you have any questions regarding this change order, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer



Public Works / Engineering
 16801 Westgrove • P.O. Box ~~444~~ 9010
 Addison, Texas 75001-9010 450-2834
 Telephone: (214) 450-2871 • Fax: (214) 931-6643

LETTER OF TRANSMITTAL

3-24-00

DATE	3-17-00	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
2			<i>REVISED</i> Originals of Change Order No 8 (#5440)

THESE ARE TRANSMITTED as checked below:

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

REMARKS Please sign and return both copies

COPY TO _____

SIGNED: *J. Ferrie*

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

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

March 15, 2000

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

It is our understanding that the Town of Addison has requested a price for to replace the ballast and lamps on the bollards at the Quorum/Arapaho intersection with 13 watt equipment. Our price for this item is \$170.00 per light. Please inform our office of your decision regarding this item so that we can order the equipment and perform the work.

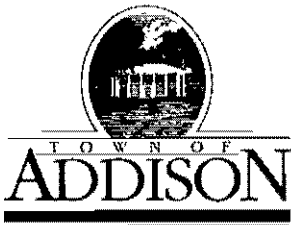
If you have any questions regarding this item, don't hesitate to contact our office.

Sincerely,

Ed Bell Construction Company



Robert D. Weber
Project Engineer



Public Works / Engineering
 16801 Westgrove • P.O. Box ~~9010~~ 9010
 Addison, Texas 75001-9010 450-2834
 Telephone: (214) 450-2871 • Fax: (214) ~~931-6648~~

LETTER OF TRANSMITTAL

DATE	3-17-00	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Robert Weber
Ed Bell Const

- GENTLEMAN:**
WE ARE SENDING YOU
- Attached
 - Under separate cover via _____ the following items:
 - Shop Drawings
 - Prints
 - Plans
 - Samples
 - Specifications
 - Copy of letter
 - Change order
 - _____

COPIES	DATE	NO.	DESCRIPTION
2			Originals of Change Order No 8

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

REMARKS Please sign and return both copies

COPY TO _____

SIGNED: J. Ferrie

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

HP LaserJet 3100
Printer/Fax/Copier/Scanner

SEND CONFIRMATION REPORT for
Town of Addison
9724502834
Mar-24-00 9:25AM

Job	Start Time	Usage	Phone Number or ID	Type	Pages	Mode	Status
157	3/24 9:25AM	0'22"	2143523201	Send.....	1 / 1	EC144	Completed.....

Total 0'22" Pages Sent: 1 Pages Printed: 0

Sent by: EBCC; 2143523201; Mar-15-00 12:46PM; Page 2/2
FAX (214) 352-3201 TELEPHONE (214) 352-3201

ED BELL CONSTRUCTION COMPANY
POST OFFICE BOX 842757 DALLAS, TEXAS 75284-9757
10008 HARRY HINES DALLAS, TEXAS 75220

March 15, 2000
Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

214-352-3201

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

It is our understanding that the Town of Addison has requested a price for to replace the ballast and lamps on the bollards at the Quorum/Arapaho intersection with 13 watt equipment. Our price for this item is \$170.00 per light. Please inform our office of your decision regarding this item so that we can order the equipment and perform the work.

If you have any questions regarding this item, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company
[Signature]
Robert E. Weber
Project Engineer

32 \$5440
\$170 x 16 = 2720 JCB

Please proceed.
I will prepare a
change order

[Signature]
3-17-00
3-24-00

FAX (214) 352-3201

TELEPHONE (214) 368-6561

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10805 HARRY HINES
DALLAS, TEXAS 75220

March 15, 2000

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

214-352-3201

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

It is our understanding that the Town of Addison has requested a price for to replace the ballast and lamps on the bollards at the Quorum/Arapaho intersection with 13 watt equipment. Our price for this item is \$170.00 per light. Please inform our office of your decision regarding this item so that we can order the equipment and perform the work.

If you have any questions regarding this item, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer

*\$170 x 32 = \$5440
2,720 job*

*Please proceed.
I will prepare a
change order*

*J. Hines
3-17-00
3-24-00*

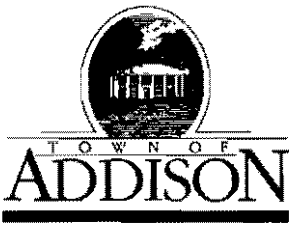
ED BELL CONSTRUCTION COMPANY
 P.O. BOX 540787
 DALLAS, TX 75354-0787

FACSIMILE TRANSMITTAL SHEET

TO: Jim Pierce	FROM: Robert D. Weber
COMPANY: Town of Addison	DATE: 15 MAR 00
FAX NUMBER: (972) 450-2837	TOTAL NO. OF PAGES INCLUDING COVER: 1
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:

- URGENT
 FOR REVIEW
 PLEASE COMMENT
 PLEASE REPLY
 PLEASE RECYCLE

NOTES/COMMENTS:



Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

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

LETTER OF TRANSMITTAL

DATE	9-15-99	JOB NO.
ATTENTION		
RE:	Apache Road	
	Change Orders	

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

- | | |
|---|--|
| <input type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items: |
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Prints |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order |
| | <input type="checkbox"/> Plans |
| | <input type="checkbox"/> Samples |
| | <input type="checkbox"/> Specifications |
| | <input type="checkbox"/> _____ |

COPIES	DATE	NO.	DESCRIPTION
1			Change Order # 6 and # 7

THESE ARE TRANSMITTED as checked below:

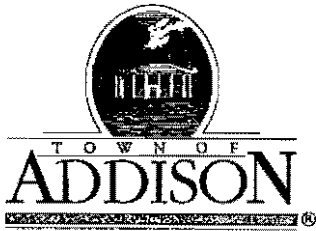
- | | | |
|--|---|---|
| <input type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input checked="" type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> FOR BIDS DUE _____ 19____ | | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |

REMARKS _____

COPY TO _____

SIGNED: J. Perin

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



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

September 7, 1999

MEMORANDUM

To: Chris Terry, Assistant City Manager

Through: John Baumgartner, P.E., Director of Public Works *JRB*

From: *JS* Slade Strickland, Director of Parks and Recreation, and
Jim Pierce, P.E., Assistant City Engineer *JP*

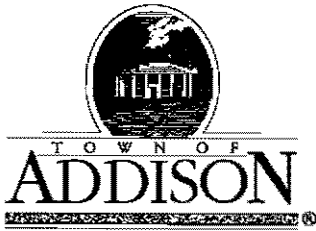
Subject: Arapaho Road Change Order No. 7

Change Order No. 7 (attached) is to cover the cost of planting a "second row" of trees on DART Transit Center property along the Arapaho frontage.

As background, the streetscape concept along Arapaho Road is that there will be two rows of trees along the road. When the DART Transit Center project came along, their plans were ahead of ours as far as streetscape was concerned, and the location of their second row of trees relative to the trees in the sidewalk area could not be determined. As a result, a Interlocal Agreement was made that stated "Dart shall reimburse Addison for the cost of 25 live oak trees of 4" caliper to be placed on the Arapaho Road and Quorum Drive sidewalks adjacent to the transit center". Based on Arapaho bid prices, DART will reimburse Addison \$25,000 for these trees. It is now up to us to get the second row of trees planted.

We believe it to be expedient to have the second row of trees planting be work done by the Arapaho Road contractor. The contractor has given us a proposal to plant 18 red oak trees for \$780 each for a total of \$14,040.

We hereby recommend approval of Change Order No. 7 for \$14,040.



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 7

Project: Arapaho Road Improvements Phase I

Date: August 26, 1999

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

Description: Add Item 554 "Furnish and install 18 Shumard Red Oaks, 65 gallon, 3.5" to 4" caliper, 14' to 16' in height, with a 8' to 10' spread, as a second row of trees along the DART Transit Center, in locations staked by the Town of Addison".

Item 554 Furnish and install 18 Shumard Red Oaks at \$780.00 each = \$14,040.00

CHANGE IN CONTRACT PRICE:

Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 6	\$32,244.36
Net Increase This Change Order:	\$14,040.00
Contract Price Including Change Order Nos. 1 - 7	\$3,986,561.36

Contractor Approval: [Signature]
Pres., Ed Bell Construction Co.

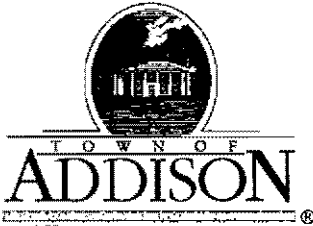
Date: 8/31/99

Recommended: [Signature]
Asst. City Engineer

Date: 9-7-99

Town of Addison Approval: [Signature]
City Manager

Date: 9-14-99



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 6

Project: Arapaho Road Improvements Phase I

Date: July 8, 1999

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010


Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

- Description:
1. Furnish and install an additional 48' signal mast arm and 30' pole at the intersection of Addison and Arapaho Road, with appurtenances.
Add: Item 554, Furnish and install 30'T Base Pole with 48'
Mast Arm \$7,800.00
 2. Increase the size of the Irrigation Controller from a 12 Station Controller to a 36 Station Controller. This will allow control of irrigation of additional landscaped areas adjacent to the project and will provide for some future control capacity. (\$1,500.00 additional cost).
Revise Bid Item 528 to read "...Rainmaster Evolution Dx-2 stainless steel 36 station controller....." Change unit price from \$15,000.00 to \$16,500.00

CHANGE IN CONTRACT PRICE:

Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 5	\$22,944.36
Net Increase This Change Order:	\$9,300.00
Contract Price Including Change Order Nos. 1 - 6	\$3,972,521.36

Contractor Approval: 
Pres., Ed Bell Construction Co.

Date: 8/16/99

Recommended: 
Asst. City Engineer

Date: 8-23-99

Town of Addison Approval: 
City Manager

Date: 9-14-99

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

August 31, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

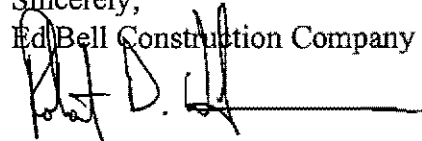
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

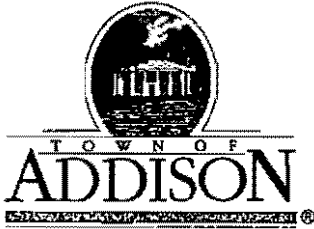
Enclosed for your addition to the original contract are two executed copies of change order #7.

If you have any questions regarding this change order, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871



16801 Westgrove

September 7, 1999

MEMORANDUM

To: Chris Terry, Assistant City Manager

Through: John Baumgartner, P.E., Director of Public Works

From:  Slade Strickland, Director of Parks and Recreation, and
 Jim Pierce, P.E., Assistant City Engineer

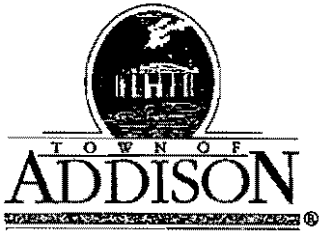
Subject: Arapaho Road Change Order No. 7

Change Order No. 7 (attached) is to cover the cost of planting a "second row" of trees on DART Transit Center property along the Arapaho frontage.

As background, the streetscape concept along Arapaho Road is that there will be two rows of trees along the road. When the DART Transit Center project came along, their plans were ahead of ours as far as streetscape was concerned, and the location of their second row of trees relative to the trees in the sidewalk area could not be determined. As a result, a Interlocal Agreement was made that stated "Dart shall reimburse Addison for the cost of 25 live oak trees of 4" caliper to be placed on the Arapaho Road and Quorum Drive sidewalks adjacent to the transit center". Based on Arapaho bid prices, DART will reimburse Addison \$25,000 for these trees. It is now up to us to get the second row of trees planted.

We believe it to be expedient to have the second row of trees planting be work done by the Arapaho Road contractor. The contractor has given us a proposal to plant 18 red oak trees for \$780 each for a total of \$14,040.

We hereby recommend approval of Change Order No. 7 for \$14,040.



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 7

Project: Arapaho Road Improvements Phase I

Date: August 26, 1999

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

Description: Add Item 554 "Furnish and install 18 Shumard Red Oaks, 65 gallon, 3.5" to 4" caliper, 14' to 16' in height, with a 8' to 10' spread, as a second row of trees along the DART Transit Center, in locations staked by the Town of Addison".

Item 554 Furnish and install 18 Shumard Red Oaks at \$780.00 each = \$14,040.00

CHANGE IN CONTRACT PRICE:

Original Contract Price: \$3,940,277.00

Net Increase, Change Order Nos. 1 - 6 \$32,244.36

Net Increase This Change Order: \$14,040.00

Contract Price Including Change Order Nos. 1 - 7 \$3,986,561.36

Contractor Approval: [Signature]
Pres., Ed Bell Construction Co.

Date: 8/31/99

Recommended: [Signature]
Asst. City Engineer

Date: 9-7-99

Town of Addison Approval: _____
City Manager

Date: _____

TELEX 820590

FAX (214) 352-3201

TELEPHONE (214) 358-6581

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10606 HARRY HINES
DALLAS, TEXAS 75220

August 23, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

*18 trees
Total*

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:


As per your request for pricing, our landscaping subcontractor has provided pricing for an additional row of trees along the DART Transit Center ROW. Based upon your April 23, 1999 letter of transmittal and subsequent guidance regarding repairs to the existing DART facilities, our price for the additional trees is \$780.00 per tree. This price includes repair of the grassed areas disturbed by our landscaping subcontractor and specifically excludes any irrigation system repairs. It is our understanding that the Town of Addison has directed that the trees meet the following specifications:

- 65 gallon Shumard Red Oaks
- 3.5" to 4" caliper
- 14' to 16' in height with a 8' to 10' spread

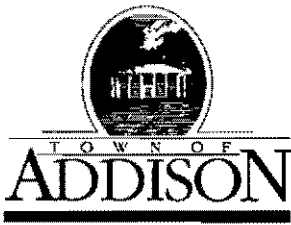
Please inform our office of your intent regarding this item at your earliest convenience so that we can ensure that the trees come from the same source as the other oak trees provided for this project. If approved, we will need an accurate count of the trees to be planted since the annotated plan sheets, your letter of transmittal, and our landscaping subcontractor's original quote all identify a different quantity for the trees.

If you have any questions regarding this price, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company


Robert D. Weber
Project Engineer

cc Slade ✓



Public Works / Engineering

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

LETTER OF TRANSMITTAL

DATE	8-27-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd	
	Change Order # 7	

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
2			Change order # 7

THESE ARE TRANSMITTED as checked below:

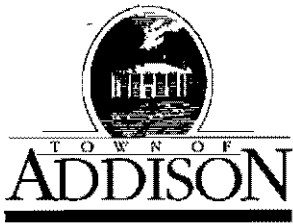
- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED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

REMARKS Please sign and return ASAP

COPY TO _____

SIGNED: [Signature]

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



LETTER OF TRANSMITTAL

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

DATE	7-9-99	JOB NO.
ATTENTION		
RE:	Arapaho Road	

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
2			Change Order # 6

THESE ARE TRANSMITTED as checked below:

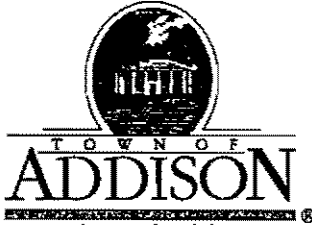
- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19_____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED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

REMARKS Please sign both copies & return to me.

COPY TO Pat Riviera

SIGNED: J. Rivera

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



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 6

Project: Arapaho Road Improvements Phase I

Date: July 8, 1999

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

- Description:
1. Furnish and install an additional 48' signal mast arm and 30' pole at the intersection of Addison and Arapaho Road, with appurtenances.
Add: Item 554, Furnish and install 30'T Base Pole with 48'
Mast Arm \$7,800.00

 2. Increase the size of the Irrigation Controller from a 12 Station Controller to a 36 Station Controller. This will allow control of irrigation of additional landscaped areas adjacent to the project and will provide for some future control capacity. (\$1,500.00 additional cost).
Revise Bid Item 528 to read "...Rainmaster Evolution Dx-2 stainless steel 36 station controller...." Change unit price from \$15,000.00 to \$16,500.00

CHANGE IN CONTRACT PRICE:

Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 5	\$22,944.36
Net Increase This Change Order:	\$9,300.00
Contract Price Including Change Order Nos. 1 - 6	\$3,972,521.36

Contractor Approval: _____
Pres., Ed Bell Construction Co.

Date: _____

Recommended: _____
Asst. City Engineer

Date: _____

Town of Addison Approval: _____
City Manager

Date: _____

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

August 16, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

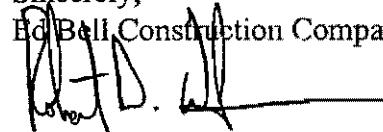
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

Enclosed for your addition to the original contract are two executed copies of change order #6.

If you have any questions regarding this change order, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer

Jim Pierce

From: Jo Ann Shuffield
Sent: Thursday, June 24, 1999 3:19 PM
To: Jim Pierce
Subject: FW:

Please see below and call Marvin. jo

—Original Message—

From: Slade Strickland
Sent: Thursday, June 24, 1999 2:47 PM
To: Jo Ann Shuffield
Subject: RE:

please get the price from Marvin and give to Jim Pierce thanks

—Original Message—

From: Jo Ann Shuffield
Sent: Thursday, June 24, 1999 10:22 AM
To: Slade Strickland
Cc: Ron Lee
Subject:

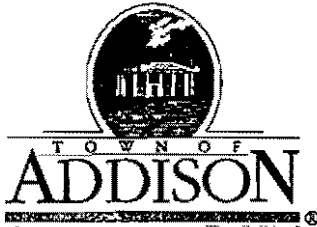
Ron got a call from Marvin Prestridge from Initec about pricing of a controller for Arapaho Rd. I don't know if this is something you need to handle or if it can wait for Ron. 972/231-5151

Jo

Parks/Info Svcs Secretary
2851

*\$1150 city Price differential
\$1642 Just Price "*

*\$1500⁰⁰ will cover both Inritech
and Ed Bell Const*



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

June 22, 1999

Mr. Pat Rivera, Project Coordinator
Ed Bell Construction
P.O. Box 540787
Dallas, TX 75354-0787

Re: Arapaho Road Additional Landscaped Areas

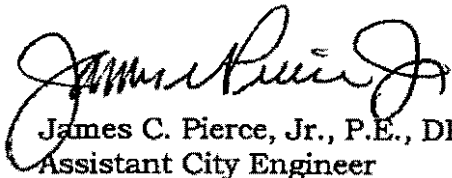
In response to Robert Weber's letter of June 14, 1999, the irrigation work in the additional landscaped areas along Arapaho Road, and in the median in Spectrum Drive, shall be accomplished and paid for by extension of contract quantities. The Hunter rotor heads shall be furnished by the Town for installation by the contractor. The contractor shall be paid for installing the rotor heads as per Item No. 531 of the contract.

We believe the price to upgrade the controller from a 12 station to a 36 station is too high. Robert stated he was working with the subcontractor to reduce the price. I asked Robert to get the controller ordered, and stated we would prepare a change order for a reasonable price to upgrade the controller.

Please give me a call if you have any questions.

Very truly yours,

Town of Addison



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

cc: Slade Strickland, Director of Parks and Recreation
John Baumgartner, Director of Public Works
Robert Weber, Project Engineer, Ed Bell Construction

ED BELL CONSTRUCTION COMPANYPOST OFFICE BOX 540787
DALLAS, TEXAS 75354-078710605 HARRY HINES
DALLAS, TEXAS 75220

June 14, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

It is our understanding that the Town of Addison has requested pricing for additional irrigation work at two locations and an upgrade for the irrigation controller. The following prices are provided for your consideration:

1. Additional irrigation work at the northeast corner of the Arapaho Road and Addison Road intersection and along the south side of Arapaho Road between Addison Road and the SW Bell building. This additional work was priced as identified on the April 21, 1999 revision of plan sheet IR-1. Our lump sum price for this work is \$9,740.00 and does not include master valves or flow meters at the new water meter locations.
2. Additional irrigation work in the median on Spectrum Drive south of Arapaho Road. Our lump sum price for this work \$4,030.00 and does not include master valves or flow meters at the new water meter locations.
3. Our price to upgrade the irrigation controller to a 36 station controller is \$1,920.00.

Please add an additional 20 calendar days to the contract for this work. If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction CompanyRobert D. Weber
Project Engineer

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10505 HARRY HINES
DALLAS, TEXAS 75220

June 14, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:


It is our understanding that the Town of Addison has requested pricing for additional irrigation work at two locations and an upgrade for the irrigation controller. The following prices are provided for your consideration:

1. Additional irrigation work at the northeast corner of the Arapaho Road and Addison Road intersection and along the south side of Arapaho Road between Addison Road and the SW Bell building. This additional work was priced as identified on the April 21, 1999 revision of plan sheet IR-1. Our lump sum price for this work is \$9,740.00 and does not include master valves or flow meters at the new water meter locations.

2. Additional irrigation work in the median on Spectrum Drive south of Arapaho Road. Our lump sum price for this work \$4,030.00 and does not include master valves or flow meters at the new water meter locations.

3. Our price to upgrade the irrigation controller to a 36 station controller is \$1,920.00.

Please add an additional 20 calendar days to the contract for this work. If you have any questions regarding this information, don't hesitate to contact our office.

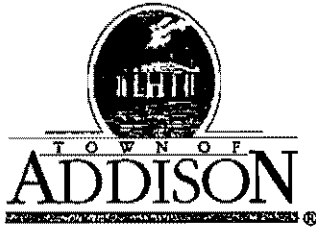
Sincerely,
Ed Bell Construction Company

Robert D. Weber
Project Engineer

Differential Cost

12 station to 36 sta = \$1150
(City's cost)

||

|| List \$1,642



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

June 22, 1999

Mr. Pat Rivera, Project Coordinator
Ed Bell Construction
P.O. Box 540787
Dallas, TX 75354-0787

Re: Arapaho Road Additional Signal Pole and Mast Arm

In response to Robert Weber's letter of June 14, 1999, we will prepare a change order for \$7,800.00 to furnish and install an additional mast arm and pole, including all appurtenances such as signal heads, pedestrian push buttons and video camera. I requested Robert to order the equipment on June 17, 1999. Please verify that the equipment has been ordered.

Please give me a call if you have any questions.

Very truly yours,

Town of Addison

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

cc: John Baumgartner, Director of Public Works
Robert Weber, Project Engineer, Ed Bell Construction

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

June 14, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

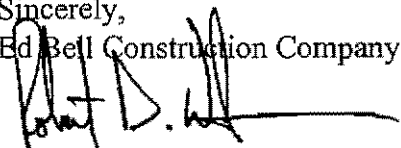
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

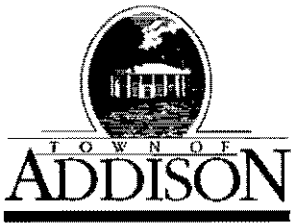
It is our understanding that the Town of Addison has requested that the signal foundation and mast arm pole designated for future installation at the intersection of Arapaho and Addison Roads be installed on this contract. This signal pole is designated as a 30' pole with a 48' mast arm with a T-base and a powder coated finish. The pole will be mounted on a TY 30-B foundation and should be paid utilizing the existing pay item. Our price for this signal pole and mast arm is \$7,800.00 and reflects an price increase since the time this project was bid.

Please add an additional ten calendar days to the project duration to complete this work. If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer



Public Works / Engineering

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

LETTER OF TRANSMITTAL

DATE	5-11-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Robert Weber
Ed Bell Const.

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
1			Change order #5

THESE ARE TRANSMITTED as checked below:

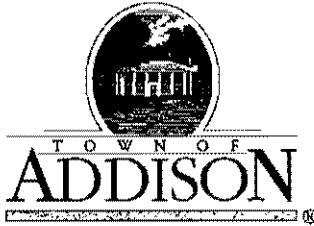
- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19_____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED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

REMARKS

COPY TO Dave Wilder
Pat Rivera

SIGNED: [Signature]

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



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 5

Project: Arapaho Road Improvements Phase I

Date: April 27, 1999

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars, 3131 McKinney Ave, Suite 600, Dallas, TX 75204

- Description:**
1. Convert existing inlet to a manhole, instead of demolishing inlet and constructing a new manhole.

Add: Item 552, convert existing inlet to manhole	\$3,700.00
Delete: 1 EA Item 224, Remove and dispose of Existing Inlet	(\$500.00)
1 EA Item 209, Type A Manhole	<u>(\$4,000.00)</u>
Cost Reduction	(\$800.00)


 2. Add: Item 553, 31 cubic yards of Class K concrete at intersection of Edwin Lewis Dr. & Spectrum Dr. to facilitate opening the intersection after paving.
Increased material cost: 31 cu yd @ \$120.00/cu yd = \$3,720.00

 3. Relocate a fire hydrant on Quorum Dr. to eliminate a conflict with a tree well.
Lump Sum Cost = \$2,000.00

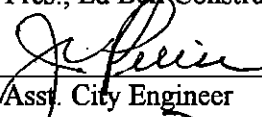
 4. Clarify design of the Bollards to be used in the streetscape at the intersection of Arapaho Rd. & Quorum Dr. to include a "reveal", for the recessed light fixture, and chamfered edges. Increase unit price for Item 518, Furnish & install Bollards, from \$2,700.00 to \$2,900.00.
Cost: 16 Bollards @ \$200.00 = \$3,200.00

CHANGE IN CONTRACT PRICE:

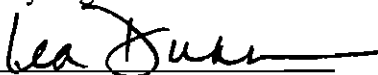

Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 4	\$14,824.36
Net Increase This Change Order:	\$8,120.00
Contract Price Including Change Order Nos. 1 - 5	\$3,963,221.36

Contractor Approval: 
Pres., Ed Bell Construction Co.

Date: 4 MAY 99

Recommended: 
Asst. City Engineer

Date: 5-7-99

Town of Addison Approval: 
 City Manager

Date: 5/10/99

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

May 4, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

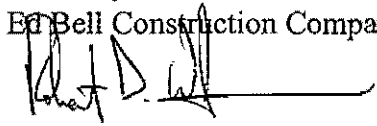
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

Enclosed for your addition to the original contract are two executed copies of change order #5.

If you have any questions regarding this change order, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer

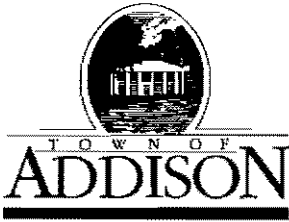
4-27-99

Type K concrete Measurements

$$\frac{28' \times 35' \times 10''}{27} = 30.2469 \text{ cu yds}$$

35'-1"

34' 10"



Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

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

LETTER OF TRANSMITTAL

DATE	4-27-99	JOB NO.
ATTENTION		
RE:	Arapako Rd	

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
2			Change Order #5

THESE ARE TRANSMITTED as checked below:

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

REMARKS Please sign and return both
copies.

COPY TO _____

SIGNED: [Signature]

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

DART

Dallas Area Rapid Transit
P.O. Box 660163
Dallas, Texas 75265-0163
214/749-3278

April 23, 1999

Mr. Slade Strickland
Director of Parks & Recreation
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Installation of trees in DART's Right-of-Way

Dear Mr. Strickland:


As per our telephone conversation of last week, it is my understanding that you will not be able to install the trees that are to be placed in DART's ROW along Arapaho Road prior to the completion of the Transit Center construction.

As per our agreement, we have directed our contractor to finish the irrigation and sodding of the area in question so they may complete their work without delays. It is understood that you will install the trees at a later date and that the Town of Addison will be responsible for the restoration of the planting area to the conditions in which you receive it. It is also agreed, that any damages to the irrigation system or any other element of Transit Center facility that may occur during the installation of the trees will be repaired, to DART's satisfaction, by the Town of Addison. Should you disagree with the understanding stated above, please notify me no later than April 30, 1999.

The opening of the Addison Transit Center is scheduled for June 7, 1999. Please schedule the tree installation not to interfere with the opening ceremony or its preparation.

Should you need additional information or have any questions, please contact me at your earliest convenience.

Sincerely,


A. Rene Rodriguez, AIA
Project Manager

RR/jv

c: Rick Brown
Diane Gollhofer-Raines
Gary Thomas

Eduardo Ugarte
James Pierce, Jr. - TOA
PMFR

FAX (214) 352-3201

TELEPHONE (214) 358-6581

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

March 31, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

Our bollard subcontractor has reviewed the revised detail for the bollards designated for installation around the Quorum/Arapaho intersection. Based upon the modifications, they will need an additional \$800.00 per bollard making the new price \$3,500.00 per bollard. Once the decision regarding these bollards has been finalized, the bollard manufacturer will need a minimum of four weeks to manufacture a sample and make the full production run of 16 bollards.

The landscape improvements in all four corners of the Quorum/Arapaho intersection cannot be completed until the bollards have been installed. This portion of the project is on the critical path for completion of phases 1 and 2. Since we cannot progress this work, we request that all time charges stop until the bollard issue has been resolved.

If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer

ED BELL CONSTRUCTION COMPANYPOST OFFICE BOX 540787
DALLAS, TEXAS 75354-078710605 HARRY HINES
DALLAS, TEXAS 75220

April 23, 1999

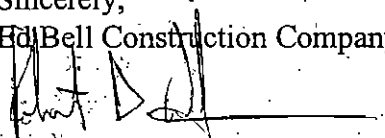
Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

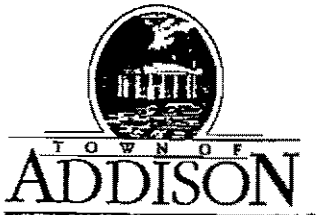
Dear Mr. Pierce:

We are in receipt of your April 8, 1999 regarding the revised price for the pre cast bollards. As stated in our phone conversation, we have discussed, with our bollard subcontractor, the Town of Addison's offer to pay \$100.00 per bollard for the extra work requested. Our bollard subcontractor has stated that he will lose money at that price. Additionally, our subcontractor has stated that they can provide the recessed light fixture and chamfer edges for an additional cost of \$200.00 per bollard. This additional money will allow our subcontractor to add the extra work and break even on that item, forgoing the allowable profit and overhead on that item. It is my understanding that the extra cost will be generated to construct and demo the interior form work on the main bollard mold that will be necessary for each bollard that is cast.

With regard to pouring the paver base on the inside of the radius returns at the Arapaho/Quorum intersection and blocking out for the bollards, we feel that the narrow section of paving behind the bollard and in front of the special sidewalk will fail if the paver base was poured in that manner. Unless we are directed to proceed in that manner, we feel that the work at this intersection cannot progress and that time charges should stop because the milestone work has been delayed. In an effort to minimize this delay, we have directed our subcontractor to proceed with bollard fabrication.

If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company
Robert D. Weber
Project Engineer



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

April 8, 1999

Mr. Robert D. Weber, Project Engineer
Ed Bell Construction
P.O. Box 540787
Dallas, TX 75354-0787

Re Arapaho Road – Bollards

Dear Mr. Weber:

This is to respond to your letter of March 31, 1999 regarding the bollards.

For background, the plans called for shop drawings to be submitted for the bollards. Shop drawings were not submitted before a sample bollard was cast in the field. This bollard was rejected mainly because of the large number of voids in the finished product. At that time, MESA looked at the bollard and determined that clarifications were needed in the design. MESA made those clarifications, as well as some changes to the design, along with the names of 3 companies thought capable to precast for your consideration.


On March 24, 1999 we approved a shop drawing for the bollards. We see no need to pay an additional \$800.00 per bollard. If it would help, we would be willing to forego the rounded top and the $\frac{3}{4}$ " chamfer on all outside edges as long as the overall height is 3'-10".

Since the dimensions of the bollards are known, it would seem that the bollards could be "boxed out", allowing construction to continue.

Please call if you have any questions.



Very truly yours,

Town of Addison


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

cc: John Baumgartner, Director of Public Works
Slade Strickland, Director of Parks and Recreation

Dave Wilde
Pat Rivera


are you sure
you do not
want the $\frac{3}{4}$ "
chamfer edge?


FAX (214) 352-3201

TELEPHONE (214) 358-6561

ED BELL CONSTRUCTION COMPANYPOST OFFICE BOX 540787
DALLAS, TEXAS 75354-078710808 HARRY HINES
DALLAS, TEXAS 75220

April 23, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

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If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,

Ed Bell Construction Company

Robert D. Weber
Project Engineer

ED BELL CONSTRUCTION COMPANYPOST OFFICE BOX 540787
DALLAS, TEXAS 75354-078710605 HARRY HINES
DALLAS, TEXAS 75220

April 19, 1999


Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

It is our understanding that the Town of Addison has requested a price for utilizing class K concrete for the intersection of Edwin Lewis Road and Spectrum Drive. As stated in our earlier phone conversation, EBCC would only require payment for the increased material cost for the concrete. Our additional cost for utilizing class K concrete is \$120.00 per CY (\$185.00/CY vs. \$65.00/CY). Based upon our field measurements of the intersection, we anticipate utilizing approximately 31 CY of CL K concrete resulting in an extra charge of \$3,720.00.

Enclosed for your review and approval is the concrete batch design from Custom Crete for class K concrete. Based upon the 4 hour and 24 hour flexural strength results, it appears that utilization of this concrete will allow the intersection to be opened in less than 24 hours after completion of the pour. Please inform us of your decision regarding this design and the charge for utilizing this product.

If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company
Robert D. Weber
Project Engineer

CONCRETE DESIGN WORKSHEET

Design No. TxDot Class - K
 Date: 04/16/1999
 Project: Town Of Addison - Addison & Arapho
 Supplier: Custom-Crete, Inc.
 Contractor: Edd Bell Construction

2624 Joe Field Road
 Dallas, Texas 75229
 Phone 972-243-4466
 Fax 972-243-7913

Aggregate Characteristics:

SSD UNIT WT.

	SP. GR.	Lbs/CuFt	% Solids	Source
Fine Aggregate (FA)	2.63	107.4	0.653	Gifford Hill - Ferris (1807101)
Course Aggregate (CA)	2.78	103.26	0.594	Meridian Grade #3 - (0050434)
Water:	City of Dallas			
Cement:	TXI III			
Fly Ash:	None used			
Air Entraining Agent:	Monex Air 30		Dosage: .55 oz/cwt	
Accelerating Agent:	Master Builders NC534		Dosage: 50 oz per cwt	
Water Reducing Agent:	Monex LR		Dosage: 4.0 oz/cwt	

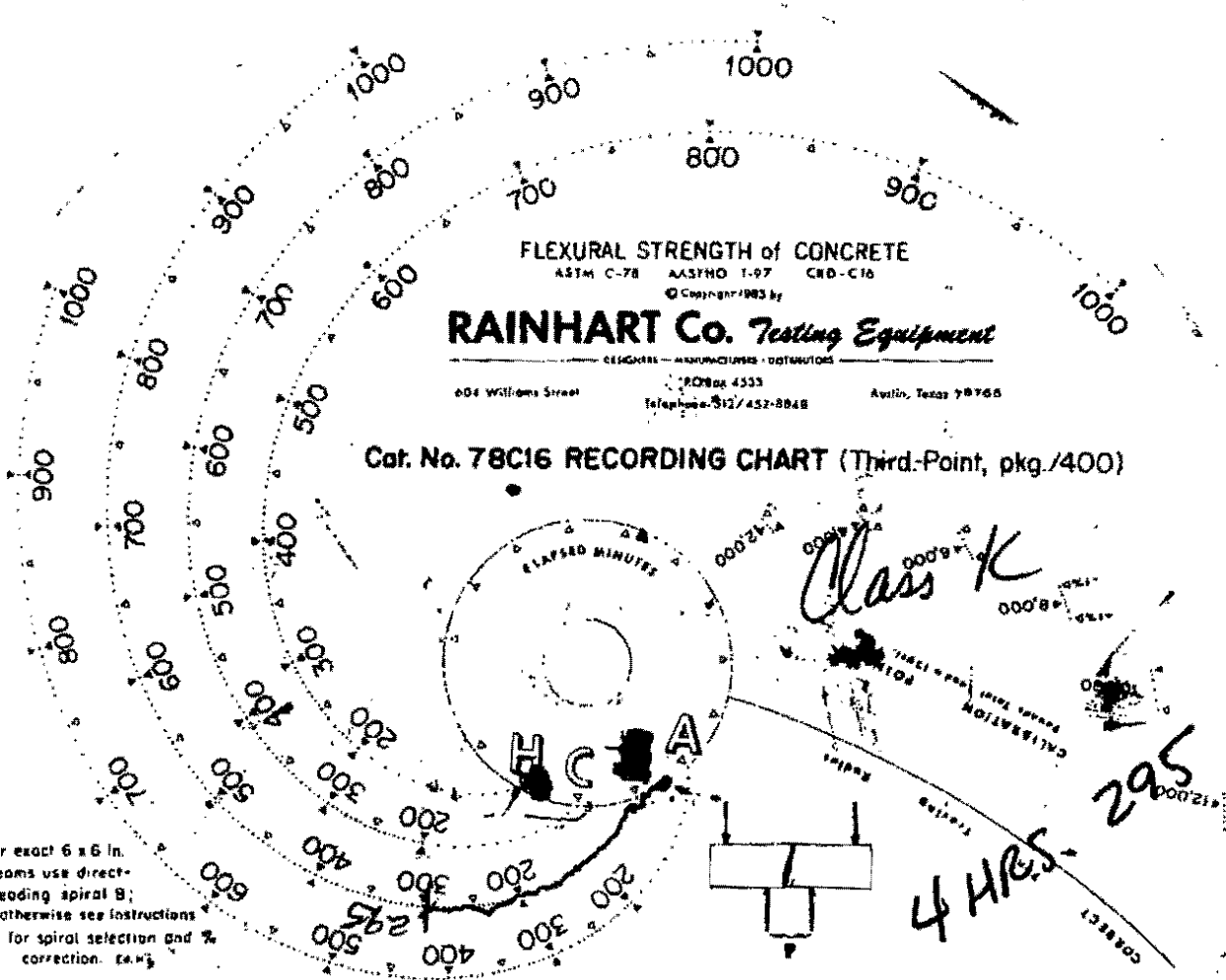
DESIGN FACTORS:

Cement Factor (CF)	7.50	Sacks per Yard
Coarse Agg Factor(CAF)	0.700	
Water Factor (WF)	4.400	Gal per Sack
Air Factor (AF)	6.00	Per Cent

BATCH FACTORS

Size of Batch (Full Size) =	27.00	
-----		= 7.50 Full Batch Factor
Yield for 1-SK Batch =	3.600	

Batch Design (1-SK)	Vol: 1 SK Batch (CuFt)	Vol*62.5* SP. GR.	1-SK Batch = WTS	Full Batch * Factor = Wts - SSD	Full Batch
1. Con Yld (CF) = 27 CuFt / CF	3.600				
2. Vol (CA) = Yield*CAF*Solids	1.498	1.498 * 62.5 * 2.78=	260.2	7.5	1951.6
3. Vol Mortar = Yield - Vol. CA	2.102				
4. Vol Water=WF/Gal per CuFt	0.587	0.587 * 62.5 * 1.00=	36.7	7.5	275.0
5. Volume of Fly Ash	0.000				
6. Volume of Cement	0.485	0.485 * 62.5 * 3.10=	94.0	7.5	704.8
7. Vol Entrained Air=Yield*AF	0.216	0.216			
8. Vol Paste=Vol Cm +Wat+Air	1.288				
9. Vol FA = Vol Mortar - paste	0.815	0.815 * 62.5 * 2.63=	133.9	7.5	1004.4
10. Yield =Sum(2,4,5,6,7,&9)	1-SK Vol =	3.600			
11. Fine Agg Factor = Vol FA					
	=	0.593			
FA Solids * Vol Mortar					
Theo. Unit Weight =	145.77	Lbs/CuFt			
Water Cement Ratio (##/#) =	0.390	Lbs/Lbs			
				Total Wt. =	3936

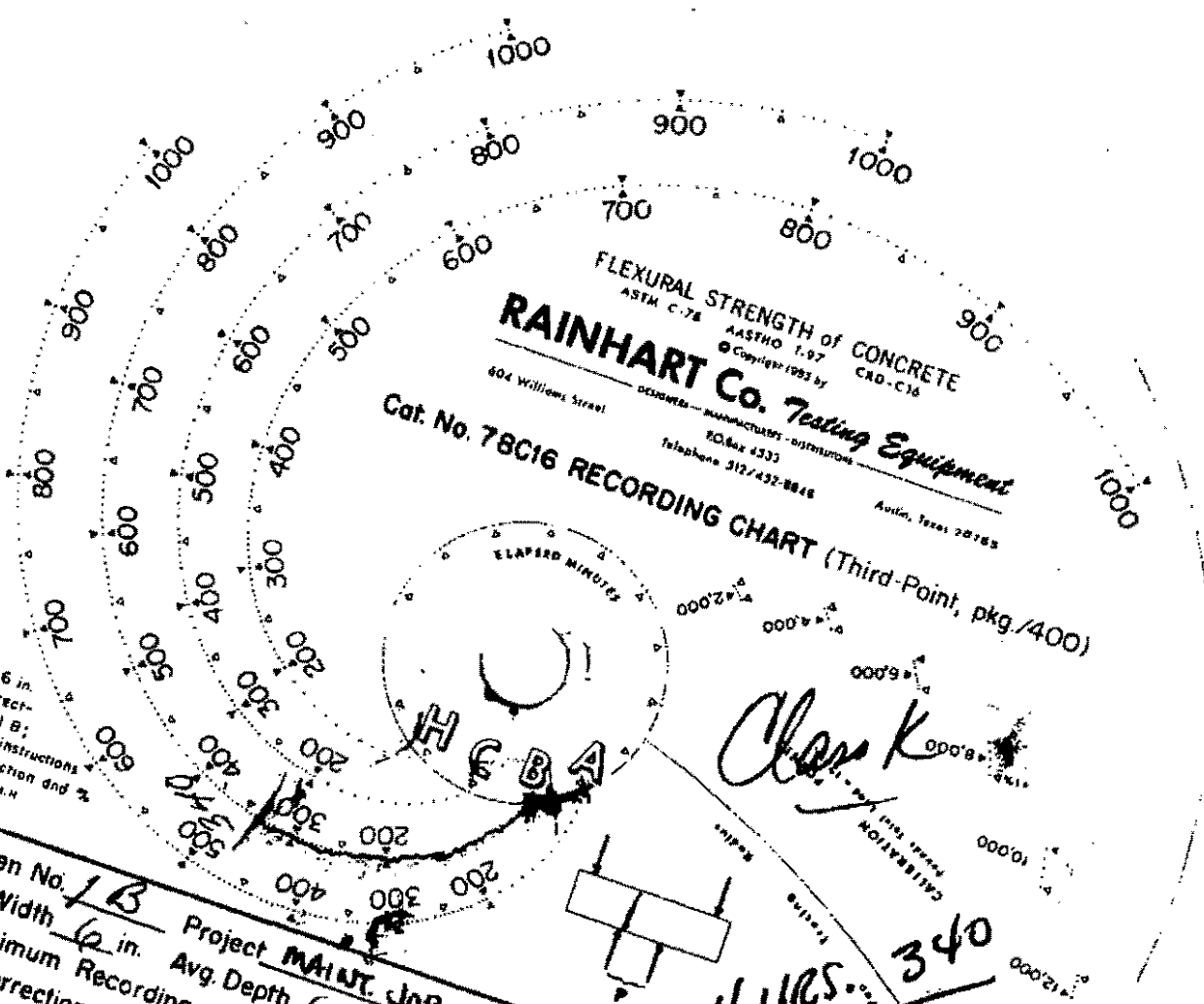


For exact 6 x 6 in. beams use direct-reading spiral B; otherwise see instructions for spiral selection and % correction. E.M.S.

Specimen No. 1A Project MAINT. FULL DEPTH REPAIR ON LWP12
 Avg. Width 6 in. Avg. Depth 6 in. Spiral B Correction 0 % Span 18 in.
 Maximum Recording 295 p.s.i. Date Tested 1/21/99 By J. J. [Signature]
 Correction 295 p.s.i. Date Molded 1/21/99 By J. J. [Signature]
 Modulus of Rupture _____ p.s.i. — at age of 4 Hrs Days.
 Specification 255 p.s.i. Comparison _____ p.s.i.
 Remarks 1st Beam

Printed in U.S.A.

TEMP. OUTSIDE 73°
 PARTLY CLOUDY



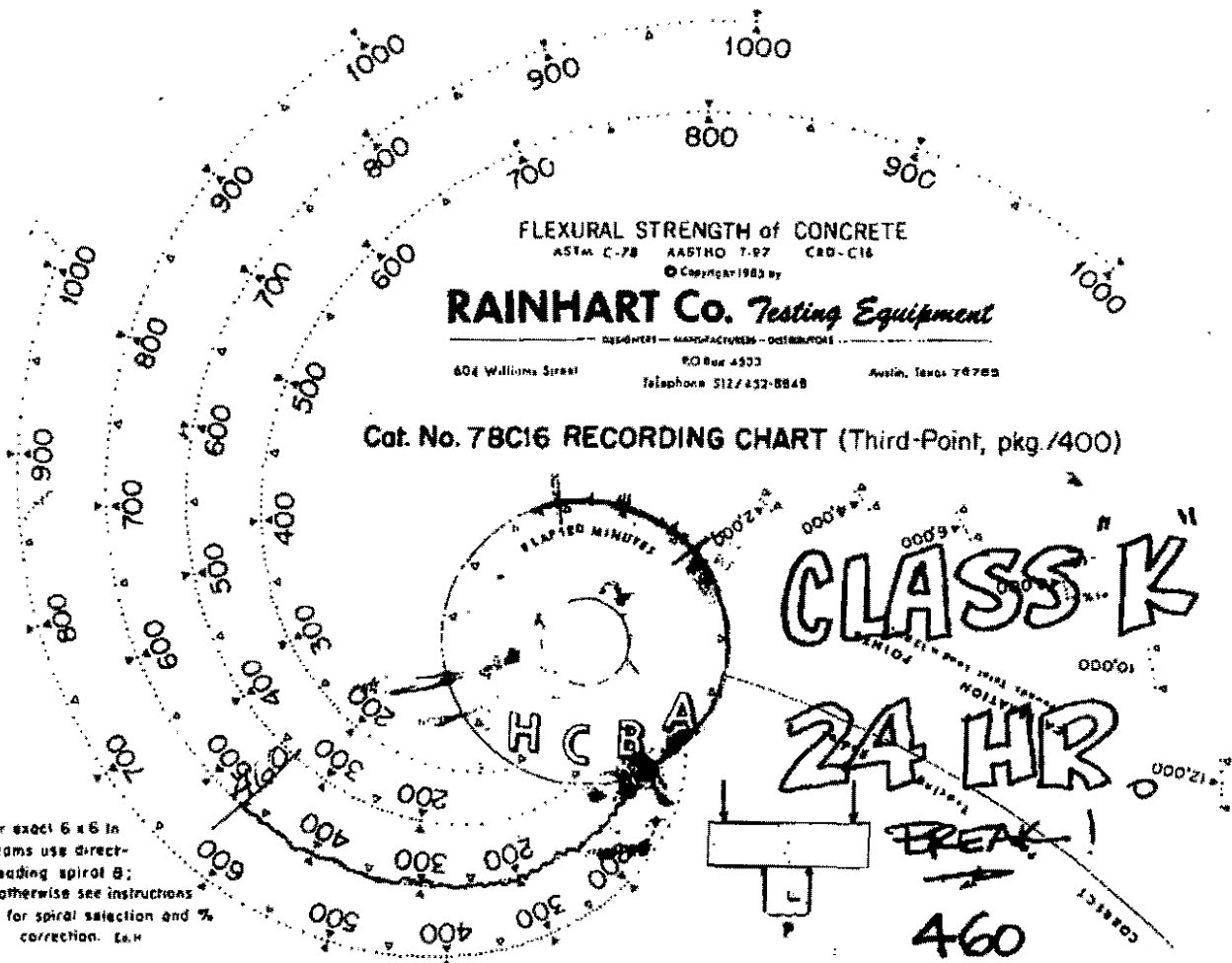
FLEXURAL STRENGTH OF CONCRETE
 ASTM C-78 AASTHO T-97
RAINHART Co. Testing Equipment
 604 Williams Street
 Cat. No. 78C16 RECORDING CHART (Third-Point, pkg./400)
 Austin, Texas 78768
 Telephone 312/432-8848

For exact 6 x 6 in. beams use direct-reading spiral B; otherwise see instructions for spiral selection and % correction. 60.4

Clark K
 4 HRS. 340

Specimen No. 1 B Project MAINT JOB - FULL DEPTH REPAIR ON LCP 12
 Avg. Width 6 in. Avg. Depth 6 in. Span 18 in.
 Maximum Recording 340 p.s.i. Spiral B Correction 0%
 Modulus of Rupture 340 p.s.i. Date Tested 1/21/98 By STP
 Specification 255 p.s.i. Date Molded 1/21/98 of age of 4 Hrs. Boys
 Remarks 2 rd 4 Hr Break Avg at 20 breaks Comparison 318 p.s.i.

TEMP. 73°
 PARTLY CLOUDY

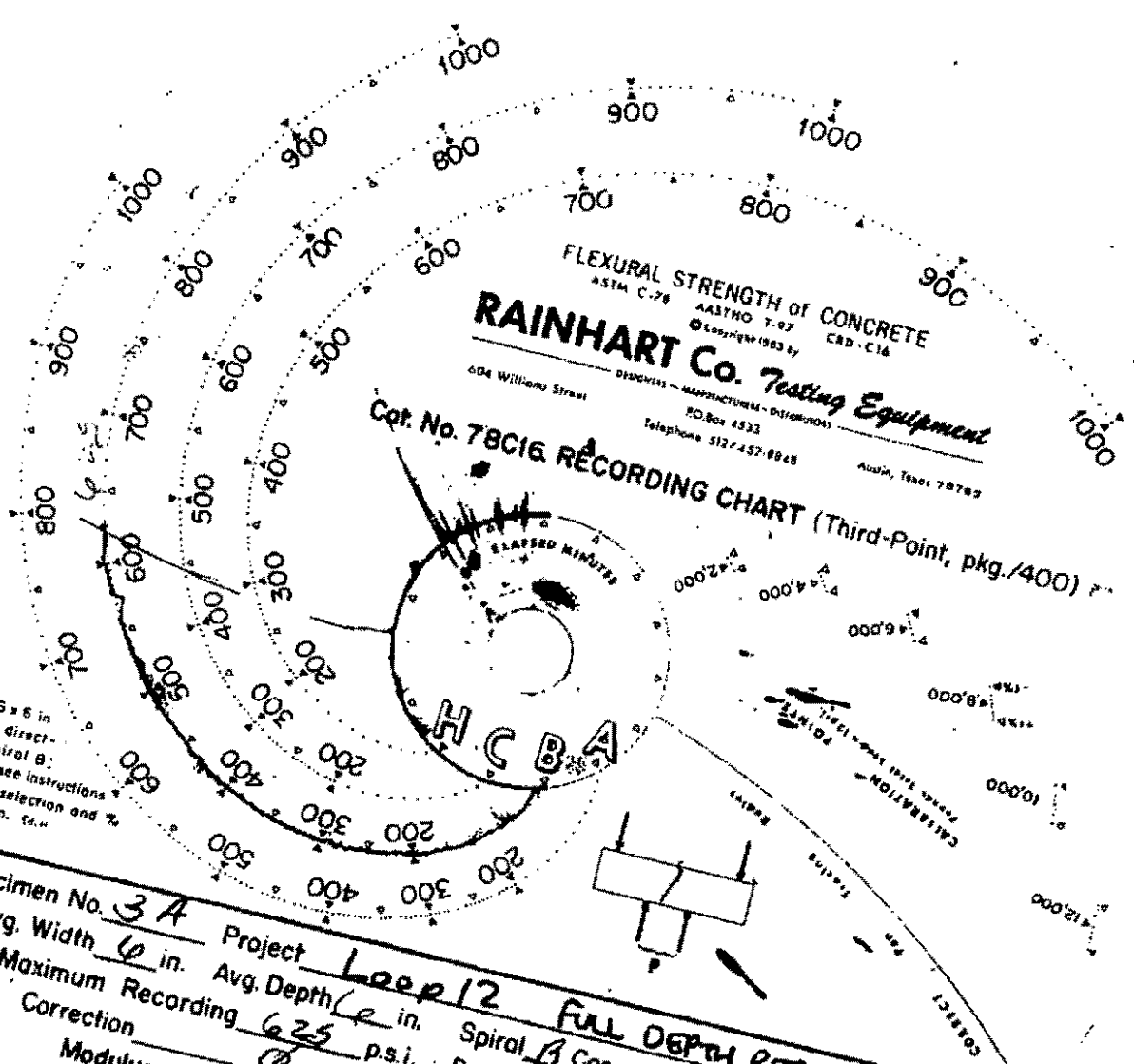


For exact 6 x 6 in beams use direct-reading spiral B; otherwise see instructions for spiral selection and % correction. Es.H

Cat. No. 78C16 RECORDING CHART (Third-Point, pkg./400)

Specimen No. 7A Project Loop 12 FULL DEPTH REPAIR
 Avg. Width 6 in. Avg. Depth 6 in. Spiral B Correction 0 % Span 18 in.
 Maximum Recording 460 p.s.i. Date Tested 11/21/89 By J. J. J.
 Correction 0 p.s.i. Date Molded 11/20/89 By J. J. J.
 Modulus of Rupture 460 p.s.i. — at age of 24 Days 100
 Specification p.s.i. Comparison p.s.i.
 Remarks 24 Hr Break

Printed in USA



For exact 6 x 6 in beams use direct-reading spiral B; otherwise see instructions for spiral selection and % correction, etc.

Specimen No. 3A Project Loop 12 FULL DEPTH REPAIR
 Avg. Width 6 in. Avg. Depth 6 in. Spiral B Correction 0 % Span 18 in.
 Maximum Recording 625 p.s.i. Date Tested 1/22/88
 Correction 0 p.s.i. Date Molded 1/22/88
 Modulus of Rupture 625 p.s.i. at age of 24 Days
 Specification _____ p.s.i. Comparison _____ p.s.i.
 Remarks 24 Hr Break

3/12/99		Custom-Crete, Inc.			
		Concrete Break Evaluation			
		Mix # TX7075A			
F'c= 3000		PSI @12Hrs			
Test #:	Date:	12 Hr	Cyl #1	Cyl #2	28 Dy Avg:
1	11/11/97	3233	6300	6630	6465
2	4/11/98	3638	7350	7200	7275
3	5/2/98	3283	6530	6600	6565
4	5/24/98	3593	7050	7320	7185
5	8/14/98	3445	6880	6900	6890
6	8/14/98	3445	6880	6900	6890
7	9/6/98	3420	6730	6950	6840
8	9/29/98	3488	6800	7150	6975
9	10/1/98	3608	7200	7230	7215
10	10/1/98	3493	6980	6990	6985
11	10/1/98	3608	7200	7230	7215
12	10/1/98	3493	6980	6990	6985
13	10/20/98	4120	7090	7100	7095
14	10/21/98	3443	6850	6920	6885
15	12/3/98	3405	6770	6850	6810
16	12/4/98	4280	7550	7500	7525
17	1/7/99	3395	6730	6850	6790
18	1/8/99	3575	7120	7180	7150
19	2/11/99	3493	6950	7020	6985
20	2/11/99	3425	6810	6890	6850
21	2/25/99	3255	6480	6540	6510
22	3/3/99	3235	6440	6500	6470
23	3/10/99	3433	6880	6850	6865
24	3/10/99	3345	6460	6920	6690
25	3/10/99	3433	6880	6850	6865
26	3/17/99	3245	6540	6440	6490
27	3/18/99	3345	6460	6920	6690
28	3/20/99	3333	6580	6750	6665
29	3/31/99	3488	6950	7000	6975
30	4/1/99	3563	7100	7150	7125
Average:		3485			6897
Standard Deviation:		(12 Hour)	(S) =		226
f' cr		=	f' c + 2.33 S - 500 =		3028

TOWN OF
ADDISON

PUBLIC WORKS

To: Robert Weber

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

Company: Ed Bell Const

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2834

FAX #: 214-352-3201

Date: 4-27-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

of pages (including cover): 2

Re: Arapaho Rd - Additional Trees

Original in mail

Per your request

FYI

Call me

Comments: Please see attached letter from
DART regarding the installation of
the "second row" of trees along the
Dart Transit center. Please take this
information into consideration when preparing
your price proposal.

J. Pierce

cc Pat Rivera

Dave Wilde



Dallas Area Rapid Transit
P.O. Box 660163
Dallas, Texas 75266-0163
214/749-3278

April 23, 1999

Mr. Slade Strickland
Director of Parks & Recreation
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Installation of trees in DART's Right-of-Way

Dear Mr. Strickland:

As per our telephone conversation of last week, it is my understanding that you will not be able to install the trees that are to be placed in DART's ROW along Arapaho Road prior to the completion of the Transit Center construction.

As per our agreement, we have directed our contractor to finish the irrigation and sodding of the area in question so they may complete their work without delays. It is understood that you will install the trees at a later date and that the Town of Addison will be responsible for the restoration of the planting area to the conditions in which you receive it. It is also agreed, that any damages to the irrigation system or any other element of Transit Center facility that may occur during the installation of the trees will be repaired, to DART's satisfaction, by the Town of Addison. Should you disagree with the understanding stated above, please notify me no later than April 30, 1999.

The opening of the Addison Transit Center is scheduled for June 7, 1999. Please schedule the tree installation not to interfere with the opening ceremony or its preparation.

Should you need additional information or have any questions, please contact me at your earliest convenience.

Sincerely,

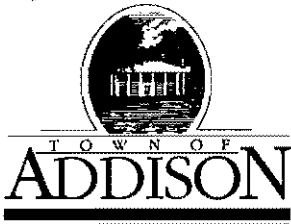
A handwritten signature in cursive script, appearing to read "A. Rene Rodriguez", is positioned above the typed name.

A. Rene Rodriguez, AIA
Project Manager

RR/jv

c: Rick Brown
Diane Gollhofer-Raines
Gary Thomas

Eduardo Ugarte
James Pierce, Jr. - TOA
PMFR



LETTER OF TRANSMITTAL

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

DATE	4-23-99	JOB NO.	
ATTENTION			
RE:	Arapaho Rd		
	Additional Trees		

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

- | | | |
|---|--|---|
| <input type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items: |
| <input type="checkbox"/> Copy of letter | <input checked="" type="checkbox"/> Prints | <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
| | <input type="checkbox"/> Change order | <input type="checkbox"/> _____ |

COPIES	DATE	NO.	DESCRIPTION
1			Addison Transit Center Site Plan
1	4-19-99		Letter from Hawkins Nursery & Landscape Co.

THESE ARE TRANSMITTED as checked below:

- | | | |
|---|---|---|
| <input type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input checked="" type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> FOR BIDS DUE _____ 19_____ | | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |

REMARKS The Town wishes to plant a "second row" of trees
along the DART Transit Center similar to those shown on
the attached plan. The trees will be staked in the field. DART
has given us permission to do this. We have received a
price from Hawkins (attached) to do this but would like to
do the work as a change order to your contract. Please provide
us your unit price for 18 trees as per the above

COPY TO Glade Strickland
Pat Rivera
Dave Wilde

SIGNED: [Signature]

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



HAWKINS

NURSERY & LANDSCAPE CO., INC.

P.O. Box 800469 Dallas, Texas 75380-0469
Main Office: 972/596-5904 FAX: 972/964-3790

DATE: APRIL 19, 1998 # of pages including cover 2
TO: TOWN OF ADDISON
MR. SLADE STRICKLAND
FAX #: 972 - 450 - 2834
FROM: GARRETT CHERRY
RE: ARAPAHO ROAD
ADDISON, TEXAS

SLADE:

PURSUANT TO YOUR REQUEST, WE SUBMIT THE FOLLOWING AS AN ADD TO
OUR CURRENT CONTRACT WITH ED BELL CONSTRUCTION COMPANY:

17 - RED OAK : 65 GAL : 3 1/2" DIA CAL : 14'16" H X 8'10" S : full :

MAY BE 18

\$546.00 / EACH

\$9,282.00 TOTAL

IF THIS IS ACCEPTABLE, PLEASE NOTIFY US ASAP AND ED BELL
CONSTRUCTION CO. TO ISSUE A CHANGE ORDER TO THE SAME.
THANKS !!!!

PLEASE CALL IF QUESTIONS !!!!

HAWKINS NURSERY & LANDSCAPE CO., INC.

WM. GARRETT CHERRY, ASLA
LANDSCAPE ARCHITECT / SENIOR ESTIMATOR
CC: FILE & MR. CREIG MATTHEWS

IF YOU DO NOT RECIEVE ALL OF THESE PAGES IN LEGIBLE FASHION
PLEASE CALL 972-596-5904

The materials enclosed with this facsimile transmission are private and confidential and are the property of the sender. The information contained in the materials is privileged and is intended only for the use of the individual (s) or entity (ies) named above. If you are not the intended recipient, be advised that any unauthorized disclosure, distribution or the taking of any action in reliance on the contents of this information is strictly prohibited. If you have received this facsimile transmission in error, please immediately notify us by telephone to arrange for the return and forwarding of the documents to us.

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

April 19, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Faxed

Post-it® Fax Note	7671	Date	4/20/99	# of pages	1
To	Robert Weber	From	Jim Pierce		
Co./Dept.	Ed Bell Const	Co.	Addison		
Phone #		Phone #			
Fax #	214-352-3201	Fax #			

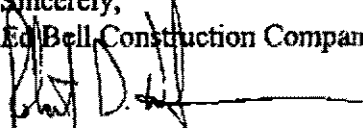
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

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It is our understanding that the Town of Addison has requested a price for utilizing class K concrete for the intersection of Edwin Lewis Road and Spectrum Drive. As stated in our earlier phone conversation, EBCC would only require payment for the increased material cost for the concrete. Our additional cost for utilizing class K concrete is \$120.00 per CY (\$185.00/CY vs. \$65.00/CY). Based upon our field measurements of the intersection, we anticipate utilizing approximately 31 CY of CL K concrete resulting in an extra charge of \$3,720.00.

Enclosed for your review and approval is the concrete batch design from Custom Crete for class K concrete. Based upon the 4 hour and 24 hour flexural strength results, it appears that utilization of this concrete will allow the intersection to be opened in less than 24 hours after completion of the pour. Please inform us of your decision regarding this design and the charge for utilizing this product.

If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company

Robert D. Weber
Project Engineer

*Approved
Jim Pierce
4-20-99*

CONCRETE DESIGN WORKSHEET

Design No.	TxDot Class - K	2624 Joe Field Road
Date:	04/16/1999	Dallas, Texas 75229
Project:	Town Of Addison - Addison & Arapho	Phone 972-243-4466
Supplier:	Custom-Crete, Inc.	Fax 972-243-7913
Contractor:	Edd Bell Construction	

Aggregate Characteristics:

SSD UNIT WT.

	SP. GR.	Lbs/CuFt	% Solids	Source
Fine Aggregate (FA)	2.63	107.4	0.653	Gifford Hill - Ferris (1807101)
Course Aggregate (CA)	2.78	103.26	0.594	Meridian Grade #3 - (0050434)

Water:	City of Dallas	
Cement:	TXI III	
Fly Ash:	None used	
Air Entraining Agent:	Moncx Air 30	Dosage: .55 oz/cwt
Accelerating Agent:	Master Builders NC534	Dosage: 50 oz per cwt
Water Reducing Agent:	Monex LR	Dosage: 4.0 oz/cwt

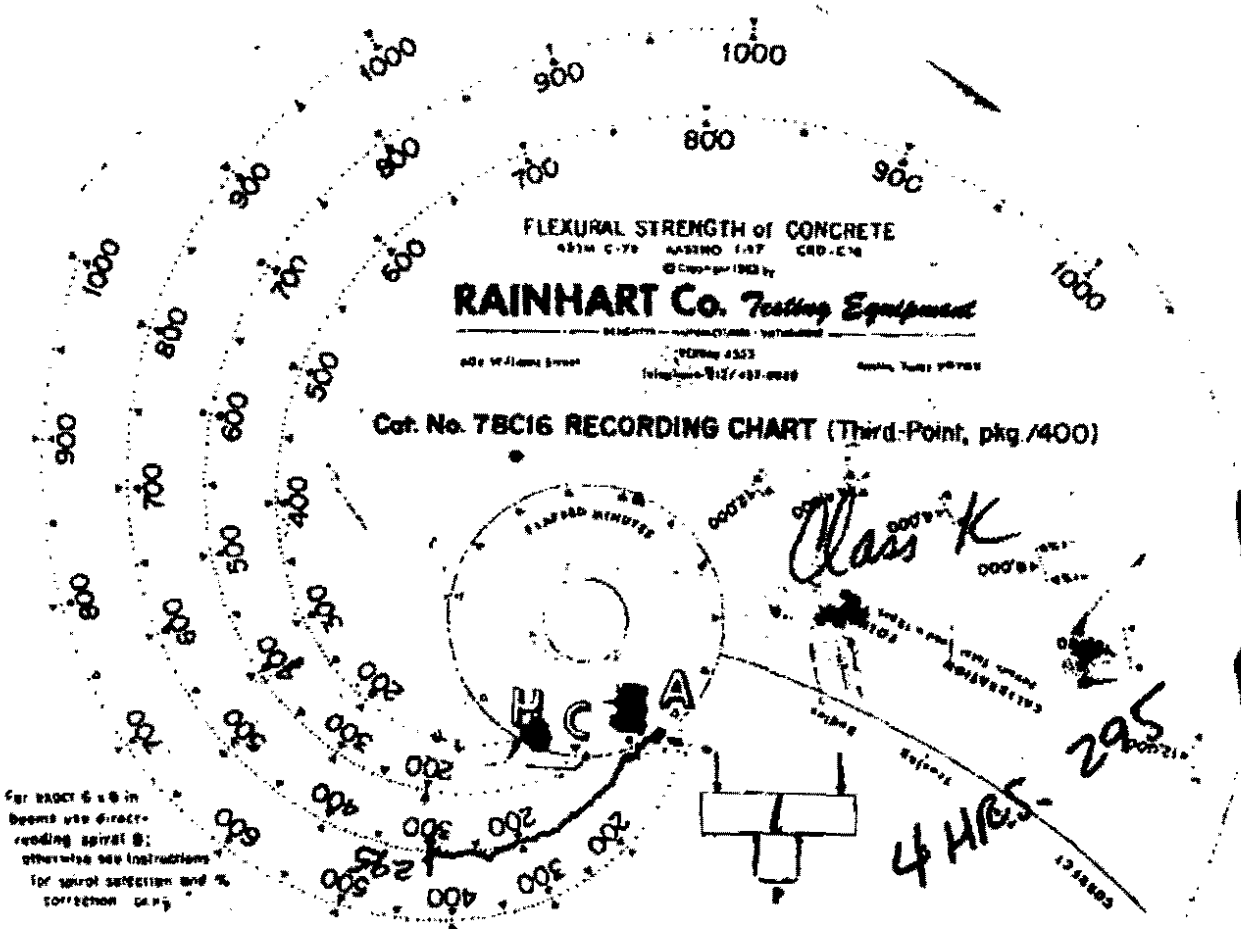
DESIGN FACTORS:

Cement Factor (CF)	7.50	Sacks per Yard
Coarse Agg Factor(CAF)	0.700	
Water Factor (WF)	4.400	Gal per Sack
Air Factor (AF)	6.00	Per Cent

BATCH FACTORS

Size of Batch (Full Size) =	27.00	=	7.50 Full Batch Factor
Yield for 1-SK Batch =	3.600		

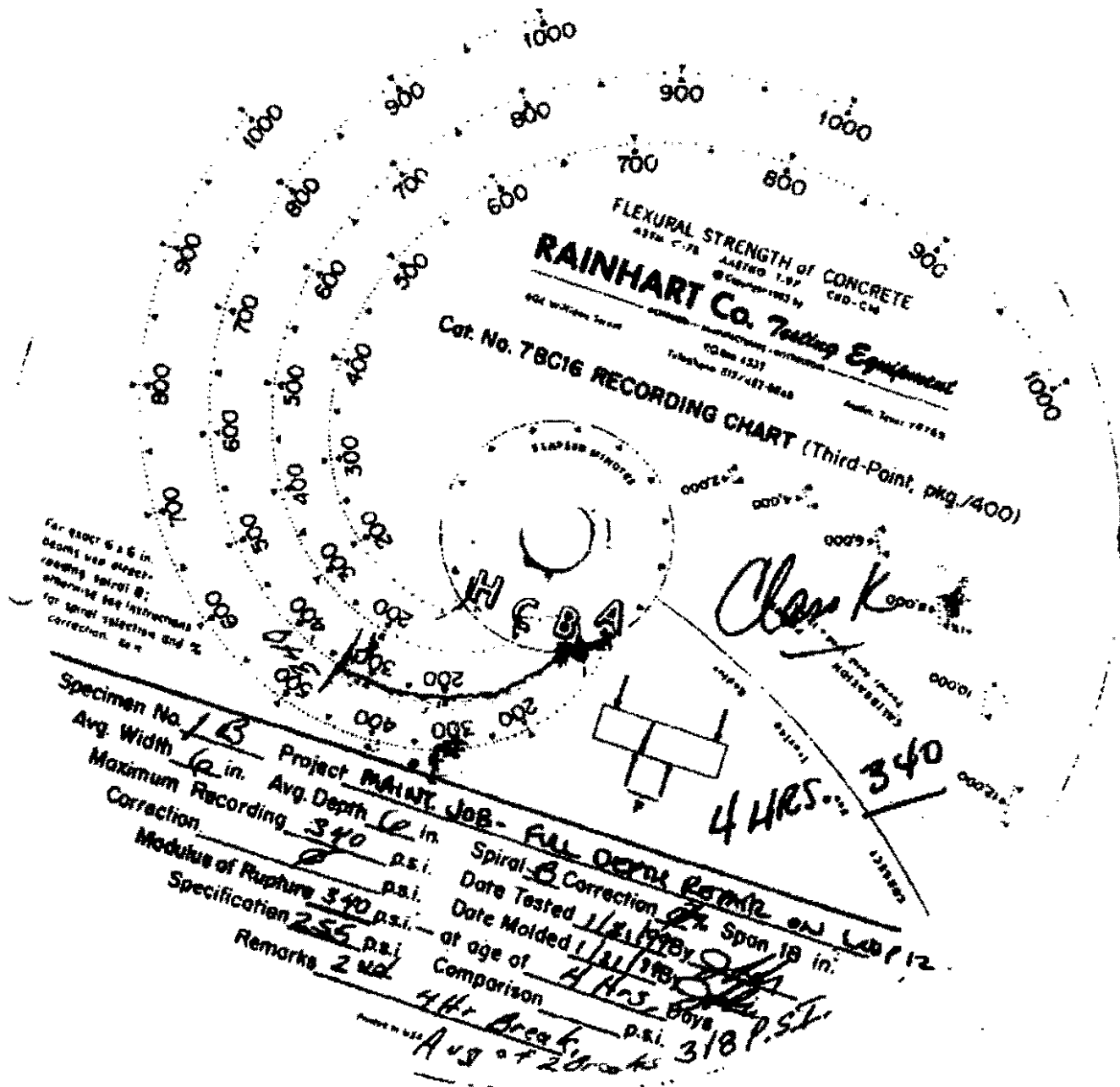
Batch Design (1-SK)	Vol: 1 SK Batch (CuFt)	Vol*62.5* SP. GR.	1-SK Hatch = WTS	Full Batch * Factor = Wts - SSD	Full Batch
1. Con Yld (CF) = 27 CuFt / CF	3.600				
2. Vol (CA) = Yield*CAF*Solids	1.498	1.498 * 62.5 * 2.78=	260.2	7.5	1951.6
3. Vol Mortar = Yield - Vol. CA	2.102				
4. Vol Water=WF/Gal per CuFt	0.587	0.587 * 62.5 * 1.00=	36.7	7.5	275.0
5. Volume of Fly Ash	0.000				
6. Volume of Cement	0.485	0.485 * 62.5 * 3.10=	94.0	7.5	704.8
7. Vol Entrained Air=Yield*AF	0.216	0.216			
8. Vol Paste=Vol Cm +Wat+Air	1.288				
9. Vol FA = Vol Mortar - paste	0.815	0.815 * 62.5 * 2.63=	133.9	7.5	1004.4
10. Yield =Sum(2,4,5,6,7,&9)	1-SK Vol =	3.600			
11. Fine Agg Factor = Vol FA					
	=	0.593			
FA Solids * Vol Mortar					
Theo. Unit Weight =	145.77	Lbs/CuFt			
Water Cement Ratio (#/#) =	0.390	Lbs/Lbs			
				Total Wt. =	3936



For RAOCT 6 x 6 in beams use direct-reading spiral B; otherwise see instructions for spiral selection and % correction on pg.

Specimen No. 1A Project MAINT. FULL DEPTH REPAIR ON LWP12
 Avg. Width 6 in. Avg. Depth 6 in. Spiral B Correction 0 % Span 18 in.
 Maximum Recording 295 p.s.i. Date Tested 1/1/99 By JLH
 Correction 295 p.s.i. Date Mailed 1/1/99 By JLH
 Modulus of Rupture _____ p.s.i. — at age of 7 hrs 0 days.
 Specification 255 p.s.i. Comparison _____ p.s.i.
 Remarks 1st Beam

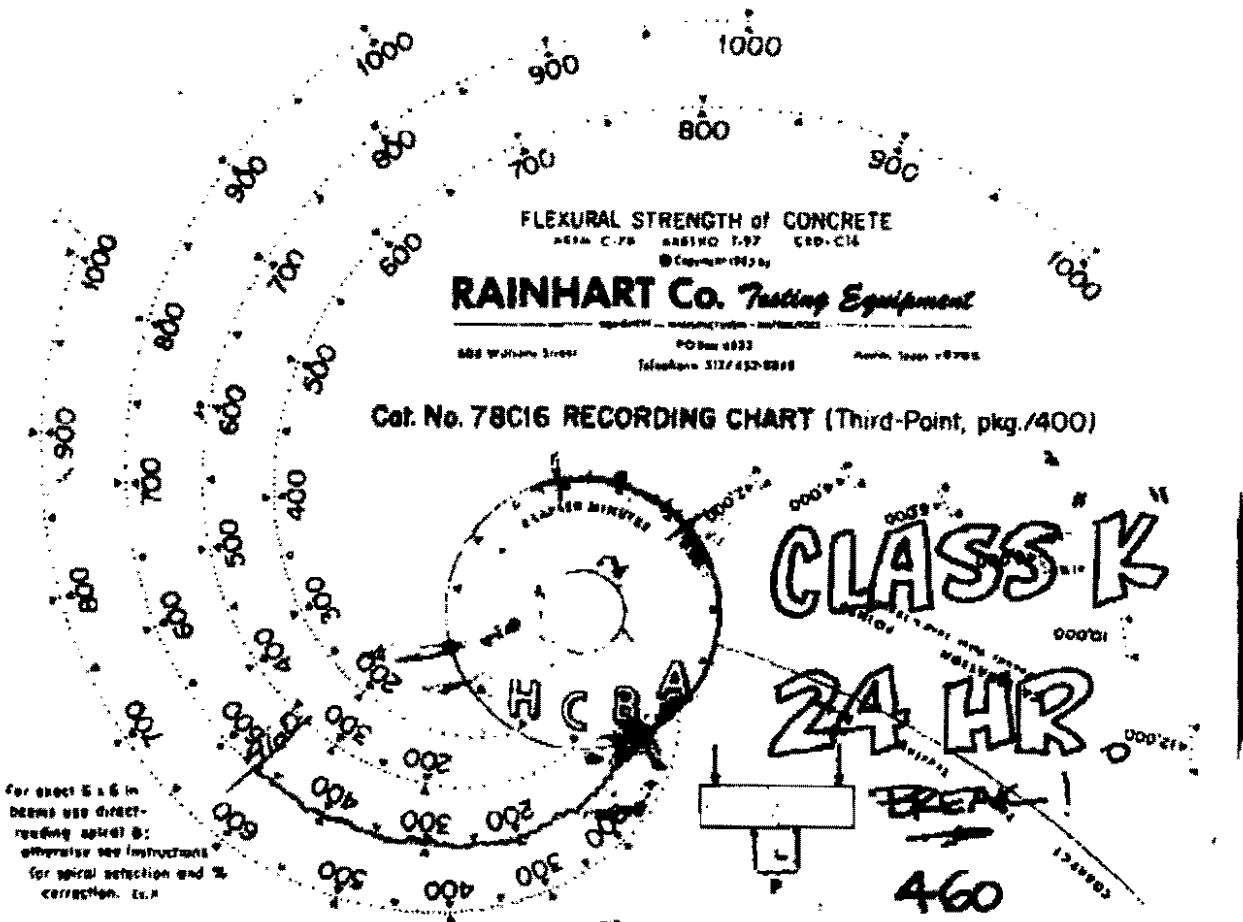
Temp. outside 73°
 Pressure cloudy



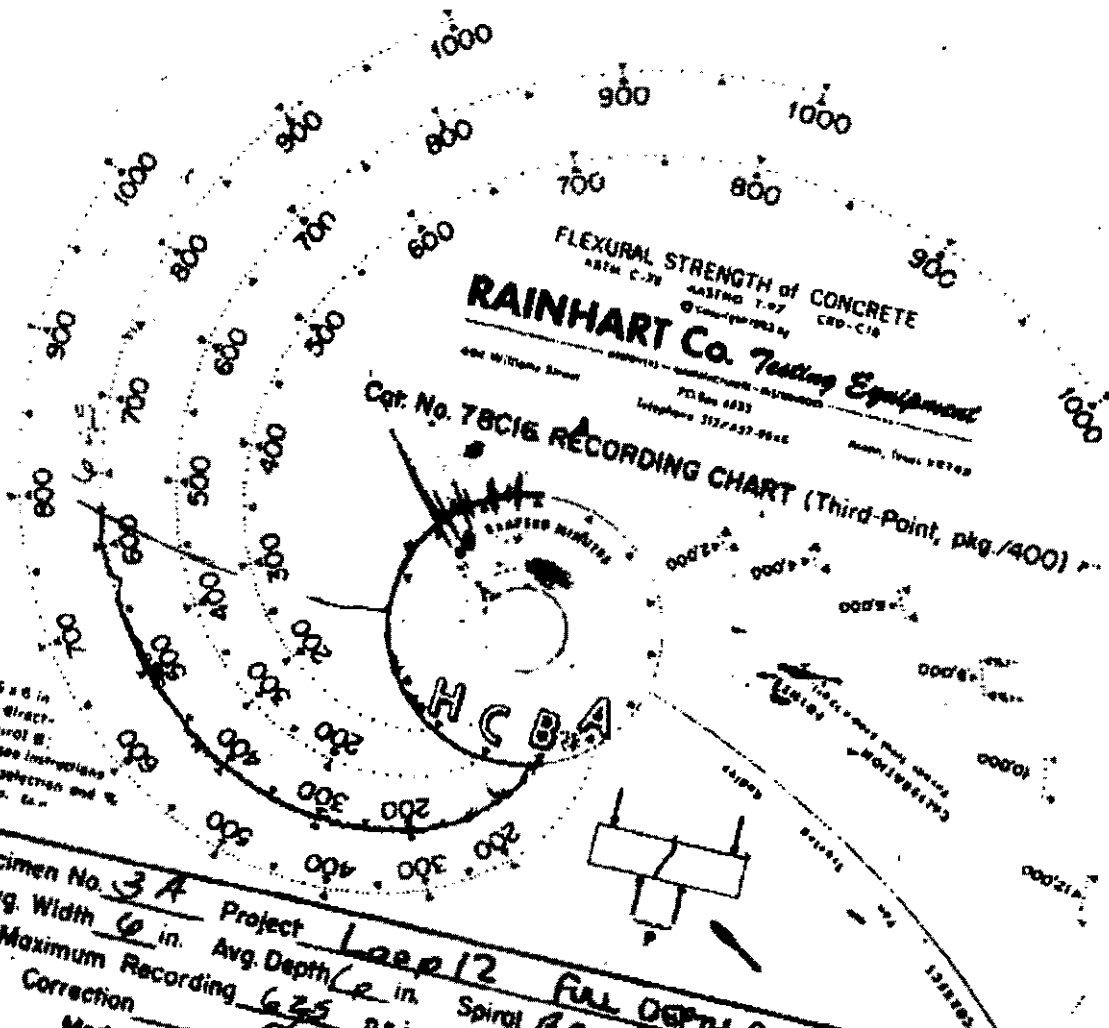
For 6x6 in. beams use direct-reading spiral B; otherwise see instructions for spiral selection and % correction. See

Specimen No. 1B Project MAINT. JOB - Full Depth Repair on Loop 12
 Avg Width 6 in. Avg Depth 6 in. Span 18 in.
 Maximum Recording 340 p.s.i. Spiral B Correction 0%
 Date Tested 1/21/98 Date Molded 1/21/98 at age of 4 Hrs Days
 Modulus of Rupture 340 p.s.i. Comparison 4 Hr Area K p.s.i. 318 p.s.i.
 Specification 255 p.s.i. Remarks 2nd Aug at 2000 hrs

TEMP. 73°
 PARTLY CLOUDY



Specimen No. 7 A Project Loop 12 FULL DEPTH REPAIR
 Avg. Width 6 in. Avg. Depth 6 in. Spiral B Correction 0 % Span 18 in.
 Maximum Recording 460 p.s.i. Date Tested 1/21/89 By J. J. [unclear]
 Correction 0 p.s.i. Date Moulded 1/20/89 By J. J. [unclear]
 Modulus of Rupture 460 p.s.i. — at age of 24 Days 100
 Specification _____ p.s.i. Comparison _____ p.s.i.
 Remarks 24 Hr Break



For steel 6 x 6 in beams use direct-reading spiral B; otherwise see instructions for spiral selection and % correction. (A)

Specimen No. 3A Project Loop 12 Full Depth Repair
 Avg. Width 6 in. Avg. Depth 12 in. Spiral B Correction 0% Span 18 in.
 Maximum Recording 625 p.s.i. Date Tested 1/21/99
 Correction 0 p.s.i. Date Molded 1/21/99
 Modulus of Rupture 625 p.s.i. at age of 24 Days
 Specification p.s.i. Comparison p.s.i.
 Remarks 24 Hr Break

3/12/99

Custom-Crete, Inc.
Concrete Break Evaluation

Mix # TX7075A

F'c= 3000 PSI @12Hrs

Test #:	Date:	12 Hr	Cyl #1	Cyl #2	28 Dy Avg:
1	11/11/97	3233	6300	6630	6465
2	4/11/98	3638	7350	7200	7275
3	5/2/98	3283	6530	6600	6565
4	5/24/98	3593	7050	7320	7185
5	8/14/98	3445	8880	6900	6890
6	8/14/98	3445	6880	6900	6890
7	9/6/98	3420	6730	6950	6840
8	9/29/98	3488	6890	7150	6975
9	10/1/98	3608	7200	7230	7215
10	10/1/98	3493	6980	6990	6985
11	10/1/98	3608	7200	7230	7215
12	10/1/98	3493	6980	6990	6985
13	10/20/98	4120	7090	7100	7095
14	10/21/98	3443	6850	6920	6885
15	12/3/98	3405	6770	6850	6810
16	12/4/98	4280	7550	7500	7525
17	1/7/99	3395	6730	6850	6790
18	1/8/99	3575	7120	7180	7150
19	2/11/99	3493	6950	7020	6985
20	2/11/99	3425	6810	6890	6850
21	2/25/99	3255	6480	6540	6510
22	3/3/99	3235	6440	6500	6470
23	3/10/99	3433	6880	6850	6865
24	3/10/99	3345	6480	6920	6890
25	3/10/99	3433	6880	6850	6865
26	3/17/99	3245	6540	6440	6490
27	3/18/99	3345	6480	6920	6690
28	3/20/99	3333	6580	6750	6665
29	3/31/99	3488	6950	7000	6975
30	4/1/99	3563	7100	7150	7125

Average: 3485 6897

Standard Deviation: (12 Hour) (S) = 226

 $f'_{cr} = f'_{c} + 2.33 S - 500 = 3028$

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

March 4, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Faxed

Post-it® Fax Note	7671	Date	3-17-99	# of pages	1
To	Robert Weber	From	Jim Pierce		
Co./Dept.	Ed Bell Const	Co.	Addison		
Phone #		Phone #			
Fax #	214-352-3201	Fax #			

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

As you are aware, the inlet at STA 41+26.62 33.84' Rt. is currently scheduled to be removed and replaced with a type A manhole. Mastec has proposed that they be permitted to remove the top from the existing inlet and convert it into a junction box. They intend to salvage the frame and cover and install it in the new junction box top. If approved, this proposal will save the Town of Addison \$800.00.

ADD

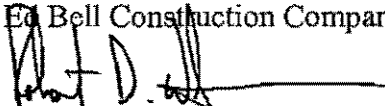
- 1. Convert existing inlet to junction box 1 EA \$3,700.00

DELETE

- 1. Remove and dispose of existing inlet (Item 224) 1 EA (\$500.00)
- 2. Type A Manhole (Item 209) 1 EA (\$4,000.00)

Net Contract Change (\$800.00)

Please inform our office of your decision regarding this proposal. If you have any questions regarding this proposal, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company

Robert D. Weber
Project Engineer

Conditions of Approval:

- 1. Manhole (only) set to sidewalk grade.
- 2. Remainder of top below sidewalk.
- 3. 12" steel forcemain accommodated by the new configuration.
- 4. Reinforcing steel tied into new top.
- 5. Close inlet throat.

cc Pat Rivera
Dave Wilde

Jim Pierce
3-17-99

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

March 8, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

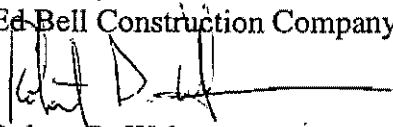
Post-It® Fax Note 7671		Date 3/15/99	# of pages 1
To Robert Weber	From Jim Pierce		
Co./Dept. Ed Bell	Co. Addison		
Phone #	Phone #		
Fax # 214-352-3201	Fax #		

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

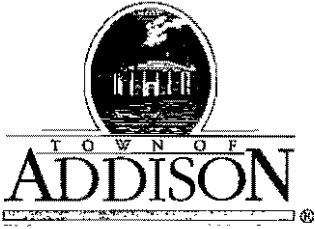
It is our understanding that the Town of Addison has requested a price to relocate the fire hydrant at STA 6+10 Rt. on Quorum Drive approximately four (4) feet to the north. Our price for this work is ~~\$2,200.00.~~ *\$ 3000.00 job.*

Please inform our office of your decision regarding this proposal. If you have any questions regarding this proposal, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company

Robert D. Weber
Project Engineer

*Approved as noted
Jasper
3-15-99*

*cc Dave Wilde
Pat Rivera*



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

CHANGE ORDER NUMBER 4

Project: Arapaho Road Improvements Phase I

Date: February 25, 1999

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

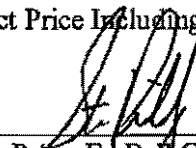
Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars
3131 McKinney Ave, Suite 600
Dallas, TX 75204

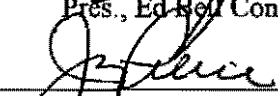
- Description:
1. Reduce Item 123, 4" Wide Temporary Lane Stripe, from 12,800LF @ \$0.75/LF to 400LF @ \$0.75/LF. Cost Reduction = \$9,300.00
 2. Add a new Item 551, Installation And Removal Of Temporary Reflective Buttons, 6,000LF @ \$1.55/LF. Cost = \$9,300.00

CHANGE IN CONTRACT PRICE:


Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 - 3	\$14,824.36
Net Increase This Change Order:	- 0 -
Contract Price Including Change Order Nos. 1 - 4	\$3,955,101.36

Contractor Approval: 
Pres., Ed Bell Construction Co.

Date: 2/26/99

Recommended: 
Asst. City Engineer

Date: 2-26-99

Town of Addison Approval: 
City Manager

Date: 3-1-99



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

LETTER OF TRANSMITTAL

DATE	3-2-99	JOB NO.
ATTENTION		
RE:	Arapaho Road	

TO Robert Weber
Ed Bell Const.

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
1			Change Order #4

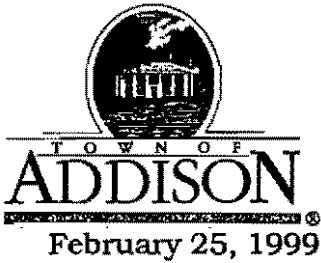
THESE ARE TRANSMITTED as checked below:

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

REMARKS Please reduce Item # 123 and add
item # 551 as per the attached

COPY TO Pat Rivera
Dave Wilde

SIGNED:



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

MEMORANDUM

To: Ron Whitehead, City Manager

From: Jim Pierce, Assistant City Engineer *J.P.*

Subject: Arapaho Road Construction, Change Order #4

Ed Bell Construction has requested a Change Order to allow the use of temporary reflective buttons instead of temporary lane striping to guide traffic through construction zones. The reasoning is that when the buttons are removed, there is less residual visual impact as when temporary striping is removed (by sandblasting). Also, use of buttons requires less room than barrels and will provide a smother flow of traffic through tight work zones.

Change Order 4 is for the installation and removal of a single white button (edge lines) or a double row of yellow buttons (centerline marking) for \$1.55 per linear foot. The quantity has been estimated as 6,000LF for a cost of \$9,300. We have more than enough money in the temporary striping item, which we do not now intend to use, to cover the cost (the temporary striping item will be reduced accordingly).

I believe the buttons will work better than the temporary striping and recommend approval.

Cc: John Baumgartner, Director of Public Works

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

February 18, 1999

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

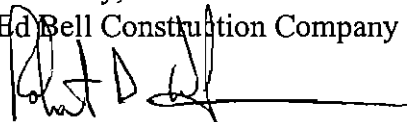
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

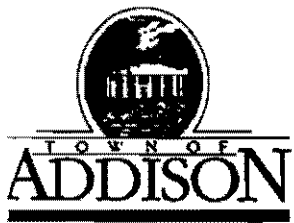
As you are aware, we have some concerns regarding the temporary work zone traffic marking item currently set up in the contract. It has been our experience that temporary reflective buttons provide traffic markings that are easier to see, more durable, and are less visible once removed than the temporary paint currently set up in the contract. Our price for installing yellow or white temporary buttons is \$1.55 per LF. This price is installation and removal of a single white button every five feet or a double row of yellow buttons every five feet throughout the applicable work zone. Please inform our office of your decision regarding this proposal.

If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer



LETTER OF TRANSMITTAL

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

DATE	11-17-98	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

o Robert Weber
Ed Bell Const.

GENTLEMAN:

- WE ARE SENDING YOU**
- Attached
 - Under separate cover via _____ the following items:
 - Shop Drawings
 - Prints
 - Plans
 - Samples
 - Specifications
 - Copy of letter
 - Change order
 - _____

COPIES	DATE	NO.	DESCRIPTION
1			Change Order # 3

THESE ARE TRANSMITTED as checked below:

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

REMARKS Please include in your next
pay request.

COPY TO Dave Wilde

SIGNED: Jim Klein

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



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

CHANGE ORDER NUMBER 3

Project: Arapaho Road Improvements Phase I

Date: November 2, 1998

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars
3131 McKinney Ave, Suite 600
Dallas, TX 75204

- Description:**
1. Furnish and install plastic orange fencing to cordon off construction areas along Quorum Drive for Octoberfest. Turn materials over to street department after use. Cost = \$952.84
 2. Relocate (lower) 245 feet of an underground power cable feeding an irrigation controller near the intersection of Arapaho Road and the Toll Road. The power cable was not shown on the drawings and was severed during lime stabilization operations. The cable was replaced in conduit by trenching and boring methods to avoid other utilities in the area.. Cost = \$6,061.72

CHANGE IN CONTRACT PRICE:

Original Contract Price:	\$3,940,277.00
Net Increase, Change Order Nos. 1 & 2	\$7,809.80
Net Increase This Change Order:	\$7,014.56
Contract Price Including Change Order Nos. 1 - 3	\$3,955,101.36

Contractor Approval: 
Pres., Ed Bell Construction Co.

Date: 11/5/98

Recommended: 
Asst. City Engineer

Date: 11-9-98

Town of Addison Approval: 
City Manager

Date: 11-16-98

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

November 4, 1998

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

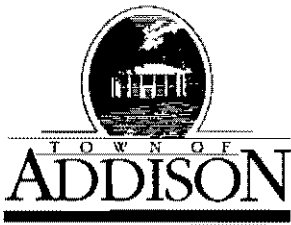
Enclosed for your addition to the original contract are two executed copies of change order #3.

If you have any questions regarding this change order, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer



Public Works / Engineering

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

LETTER OF TRANSMITTAL

DATE	11-2-98	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
2			Proposed Change Order # 3

THESE ARE TRANSMITTED as checked below:

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

REMARKS Please sign & return both copies

COPY TO _____

SIGNED: Jim Lewis

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

ED BELL CONSTRUCTION COMPANYPOST OFFICE BOX 540787
DALLAS, TEXAS 75354-078710605 HARRY HINES
DALLAS, TEXAS 75220

September 15, 1998

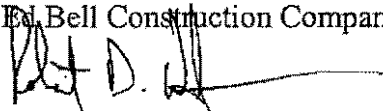
Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

It is our understanding that the Town of Addison has requested that the construction area in the vicinity of the realigned Arapaho Road and Quorum Drive intersection be cordoned off with orange construction fence during the Town's Oktoberfest celebration. It will take 600 LF of orange fence to cordon off the area in question. Our material cost for this work is \$952.84 and is based upon the following schedule of costs:

Orange construction fence	\$96.88 per roll	8 rolls	\$775.04
6' metal poles	\$2.54 per pole	70 poles	\$177.80

Please include this item on the next change order. If you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company

Robert D. Weber
Project Engineer

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

October 10, 1998

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

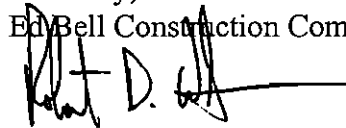
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

As you are aware an electrical sprinkler service operated by the Town of Addison Parks Department was in conflict with the proposed roadway improvements near the intersection of Arapaho Road and the Dallas North Tollway. This service was identified as being in conflict after it was cut by a piece of equipment that was preparing subgrade for the proposed roadway. It was our understanding that the Town of Addison would pay for lowering this line utilizing existing pay items; however, upon careful examination, the contract doesn't contain the necessary pay items. As a result, we propose paying for this work utilizing a lump sum pay item and adding that item to the next change order. Our price for this work is \$6,061.72. I have enclosed our basis of estimate sheets for your records.

If you have any questions, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer

**CONTRACTOR'S BASIS OF ESTIMATE
FOR ITEMS TO BE ADDED BY SUPPLEMENTAL AGREEMENT**

PROJECT #: 98-12
 PROJECT: ARAPAHO ROAD RECONSTRUCTION
 LIMITS: N. DALLAS TOLLWAY TO ADDISON RD
 CITY: TOWN OF ADDISON

WORK ITEM:
 LOWER SPRINKLER SERVICE @ DNT
 ESTIMATED QTY: 1.000
 LS

MATERIAL	UNIT OF MEASURE	EST QTY	UNIT PRICE	TOTAL
1.5" PVC	LF	245.000	\$0.70	\$171.50
1.5" BORE	LF	95.000	\$11.50	\$1,092.50
1.5" ELLS	EA	5.000	\$3.70	\$18.50
1.5" COUPLER	EA	10.000	\$1.00	\$10.00
BROOKS BOX	EA	2.000	\$115.00	\$230.00
#10 THHN	LF	361.000	\$0.20	\$72.20
#8 THHN	LF	361.000	\$0.25	\$90.25
#2/0 THHN	LF	722.000	\$1.70	\$1,227.40
#2/0 KERNEYS	EA	4.000	\$9.20	\$36.80
TAPE	EA	2.000	\$3.45	\$6.90
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
TOTAL MATERIAL COSTS				\$2,956.05
TOTAL COST OF LABOR, EQUIPMENT AND MATERIALS				\$5,248.24
PLUS INDIRECT COSTS (OVERHEAD, BOND, ETC.)			10.00%	\$524.82
PLUS PROFIT			5.00%	\$288.65
TOTAL COSTS OF ADDED ITEM				\$6,061.72
UNIT PRICE				\$6,061.72

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

October 10, 1998

*Extra
copy*

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

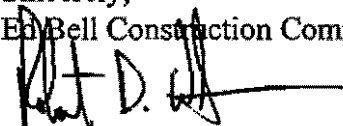
Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

As you are aware an electrical sprinkler service operated by the Town of Addison Parks Department was in conflict with the proposed roadway improvements near the intersection of Arapaho Road and the Dallas North Tollway. This service was identified as being in conflict after it was cut by a piece of equipment that was preparing subgrade for the proposed roadway. It was our understanding that the Town of Addison would pay for lowering this line utilizing existing pay items; however, upon careful examination, the contract doesn't contain the necessary pay items. As a result, we propose paying for this work utilizing a lump sum pay item and adding that item to the next change order. Our price for this work is \$6,061.72. I have enclosed our basis of estimate sheets for your records.

If you have any questions, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer

**CONTRACTOR'S BASIS OF ESTIMATE
FOR ITEMS TO BE ADDED BY SUPPLEMENTAL AGREEMENT**

PROJECT #: 98-12
 PROJECT: ARAPAHO ROAD RECONSTRUCTION
 LIMITS: N. DALLAS TOLLWAY TO ADDISON RD
 CITY: TOWN OF ADDISON

WORK ITEM: LOWER SPRINKLER SERVICE @ DNT
 ESTIMATED QTY: 1.000
 LS

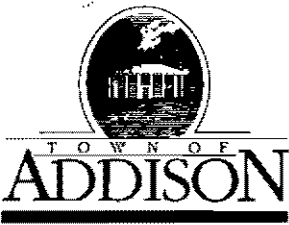
INDEX	LABOR CLASSIFICATION	OPERATES EQ. #	HOURLY RATE	APPROX. # HRS	TOTAL
FOREMAN	<i>Operates Svc Truck</i>	1	\$19.56	30	\$586.80
LABORER	<i>Operates Trencher</i>	2	\$8.50	30	\$255.00
LABORER			\$8.00	30	\$240.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
			\$0.00	0	\$0.00
TOTAL					\$1,081.80
PLUS LABOR BURDEN (TAXES, INSURANCE, ETC,)				55.00%	\$594.99
TOTAL LABOR COSTS					\$1,676.79

**CONTRACTOR'S BASIS OF ESTIMATE
FOR ITEMS TO BE ADDED BY SUPPLEMENTAL AGREEMENT**

PROJECT #: 98-12
 PROJECT: ARAPAHO ROAD RECONSTRUCTION
 LIMITS: N. DALLAS TOLLWAY TO ADDISON RD
 CITY: TOWN OF ADDISON

WORK ITEM:
 LOWER SPRINKLER SERVICE @ DNT
 ESTIMATED QTY: 1.000
 LS

MATERIAL	UNIT OF MEASURE	EST QTY	UNIT PRICE	TOTAL
1.5" PVC	LF	245.000	\$0.70	\$171.50
1.5" BORE	LF	95.000	\$11.50	\$1,092.50
1.5" ELLS	EA	5.000	\$3.70	\$18.50
1.5" COUPLER	EA	10.000	\$1.00	\$10.00
BROOKS BOX	EA	2.000	\$115.00	\$230.00
#10 THHN	LF	361.000	\$0.20	\$72.20
#8 THHN	LF	361.000	\$0.25	\$90.25
#2/0 THHN	LF	722.000	\$1.70	\$1,227.40
#2/0 KERNEYS	EA	4.000	\$9.20	\$36.80
TAPE	EA	2.000	\$3.45	\$6.90
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
TOTAL MATERIAL COSTS				\$2,956.05
TOTAL COST OF LABOR, EQUIPMENT AND MATERIALS				\$5,248.24
PLUS INDIRECT COSTS (OVERHEAD, BOND, ETC.)			10.00%	\$524.82
PLUS PROFIT			5.00%	\$288.65
TOTAL COSTS OF ADDED ITEM				\$6,061.72
UNIT PRICE				\$6,061.72



LETTER OF TRANSMITTAL

Public Works / Engineering

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

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

TO Robert Weber
Ed Bell Const

DATE	<u>9-8-98</u>	JOB NO.
ATTENTION		
RE:	<u>Arpahr Road</u>	

GENTLEMAN:

WE ARE SENDING YOU

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

COPIES	DATE	NO.	DESCRIPTION
<u>1</u>			<u>Change Order No. 2</u>

THESE ARE TRANSMITTED as checked below:

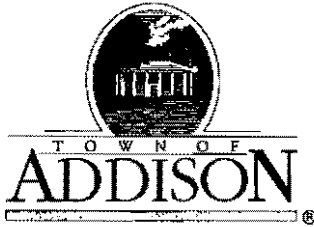
- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED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

REMARKS Please include in your next
pay estimate

COPY TO _____

SIGNED: [Signature]

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



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

CHANGE ORDER NUMBER 2

Project: Arapaho Road Improvements Phase I

Date: August 24, 1998

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars
3131 McKinney Ave, Suite 600
Dallas, TX 75204

- Description:
1. Locate and abandon existing water services that served buildings that were demolished, at request of Utilities Department. Cost = \$490.00
 2. Exploratory work required to determine the feasibility of installing a tapping sleeve and valve, and fire hydrant, at the southeast corner of Arapaho Road and Addison Road. Location of existing underground cables and limited ROW made the installation not feasible. Cost = \$1255.00
 3. Connect roof drains from the SWBell building to storm sewer lateral B-10. Cost = \$700.00

CHANGE IN CONTRACT PRICE:

Original Contract Price:	\$3,940,277.00
Net Increase Change Order No. 1:	\$5,364.80
Net Increase This Change Order:	\$2,445.00
Contract Price including Change Order No. 1 & 2:	\$3,948,086.80

Contractor Approval: [Signature]
Pres. Ed Bell Construction Co.

Date: 8/20/98

Recommended: [Signature]
Asst. City Engineer

Date: 8/31/98

Town of Addison Approval: [Signature]
City Manager

Date: 9-8-98

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

August 28, 1998

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Jim:

Enclosed for your addition to the original contract are two executed copies of change order #2.

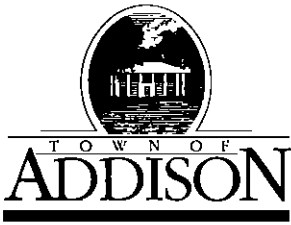
If you have any questions regarding this change order, don't hesitate to contact our office.

Sincerely,

Ed Bell Construction Company



Robert D. Weber
Project Engineer



Public Works / Engineering

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

LETTER OF TRANSMITTAL

DATE	<i>8-24-98</i>	JOB NO.
ATTENTION		
RE:	<i>Arapaho Rd</i>	
	<i>Change order # 2</i>	

TO *Robert Weber*
Ed Bell Const Co

GENTLEMAN:

WE ARE SENDING YOU

- | | | |
|---|--|---|
| <input type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items: |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Prints | <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
| | <input type="checkbox"/> Change order | <input type="checkbox"/> _____ |

COPIES	DATE	NO.	DESCRIPTION
<i>2</i>			<i>Proposed Change Order No 2.</i>

THESE ARE TRANSMITTED as checked below:

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

REMARKS *Please sign & return both copies*

COPY TO _____

SIGNED: *Jim Flinn*

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

ED BELL CONSTRUCTION COMPANYPOST OFFICE BOX 540787
DALLAS, TEXAS 75354-078710605 HARRY HINES
DALLAS, TEXAS 75220

August 12, 1998

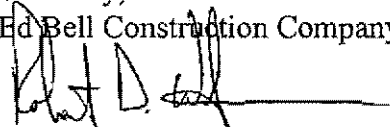
Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001*Change Order #2*Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

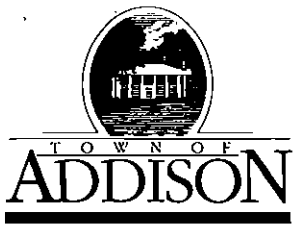
Dear Jim:

It is my understanding that during installation of the phase 1 utility work for the referenced project, E.L. Dalton performed several items of extra work for the Town. We request that the following items of work be added to the contract via change order:

1. Locate and abandon existing water services. Our price for this work is \$490.00.
2. Exploratory work to determine the possibility of installing a fire hydrant and tapping sleeve and valve at the southeast corner of Arapaho Road and Addison Road. Our price for this work is \$1,225.00.
3. Connect roof drains from the Southwestern Bell building located near paving STA 45+00 to storm sewer lateral B-10. Our price for this work is 700.00.

Additionally, please add two additional calendar days to the contract duration for completion of this work. If you have any questions regarding this issue, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company
Robert D. Weber
Project Engineer



Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

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

LETTER OF TRANSMITTAL

DATE	8-4-98	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Robert Weber
Ed Bell Const

GENTLEMAN:

WE ARE SENDING YOU

- | | | | | | |
|--|--|--------------------------------|----------------------------------|---|--|
| <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items: | | | | |
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Prints | <input type="checkbox"/> Plans | <input type="checkbox"/> Samples | <input type="checkbox"/> Specifications | |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order | <input type="checkbox"/> _____ | | | |

COPIES	DATE	NO.	DESCRIPTION
1			Signed Change Order # I

THESE ARE TRANSMITTED as checked below:

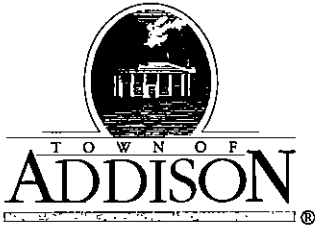
- | | | |
|--|---|---|
| <input type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input checked="" type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> FOR BIDS DUE _____ 19____ | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US | |

REMARKS Please include on your next pay estimate

COPY TO _____

SIGNED: Jim Lewis

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



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

CHANGE ORDER

Number 1

Project: Arapaho Road Improvements Phase I

Date: July 27, 1998

Owner: Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

Contractor: Ed Bell Construction Co.
P.O. Box 540787
Dallas, TX 75354-0787

Engineer: Huitt Zollars
3131 McKinney Ave, Suite 600
Dallas, TX 75204

Description: Remove approximately 600 cubic yards of pea gravel from a former tankhold located at the former 7-11 store at the intersection of Addison and Arapaho Road. Replace the pea gravel with on site material, and compact material to project specifications in accordance with your letter of July 6, 1998, for a price of \$9.58 per cubic yard. Actual quantity removed and replaced was 560 cubic yards.

CHANGE IN CONTRACT PRICE:

Original Contract Price: \$3,940,277.00

Net Increase this Change Order: \$5,364.80

Contract Price Including Change Order No. 1: \$3,945,641.80

Contractor Approval: [Signature]
Pres., Ed Bell Construction Co.

Date: 7/29/98

Recommended: [Signature]
Asst. City Engineer

Date: 7/30/98

Town of Addison Approval: [Signature]
City Manager

Date: 8-2-98

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

July 29, 1998

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

Enclosed for your incorporation into the contract for the reference project are two executed copies of change order #1. If you have any questions regarding this document, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company



Robert D. Weber
Project Engineer



Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

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

LETTER OF TRANSMITTAL

DATE	7-27-98	JOB NO.
ATTENTION		
RE:	Arapaho Road	
	Change Order 1	

TO Robert Weber
Ed Bell Const.

GENTLEMAN:

WE ARE SENDING YOU

- | | | |
|---|--|---|
| <input type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items: |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Prints | <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
| | <input type="checkbox"/> Change order | <input type="checkbox"/> _____ |

COPIES	DATE	NO.	DESCRIPTION
2			Change Order # 1

THESE ARE TRANSMITTED as checked below:

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

REMARKS In signature. Please return
both copies.
I decided to go with this format

COPY TO _____

SIGNED: Jim Prew

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

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75364-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

July 27, 1998

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

Based upon previous correspondence regarding the pea gravel fill located at the NE corner of the Arapaho Road and Addison Road intersection, EBCC agreed to remove and replace that pea gravel with an acceptable on site fill material for a unit price of \$9.58 per CY. Based upon field measurements, the quantity of pea gravel that was removed and replaced was 560 CY.

After obtaining the appropriate signatures, this document will serve as the executed copy of the change order authorizing payment for this work and shall be listed on the monthly pay request as change order #1. Upon execution of this change order by the City, please return a copy for our records. As always, if you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company

Robert D. Weber
Project Engineer

Steven Priddy
President
Ed Bell Construction Company

Ron Whitehead
City Manager
Town of Addison

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES BOULEVA
DALLAS, TEXAS 75

FAX

TO: Jim Pierce

AT: Addison

FAX NUMBER: (972) 450-2824

FROM: Robert Weber

DATE: 27 Jul 98

PAGE: 1 OF 2

MESSAGE: _____

Jim,

Here is an example of a change order form we have
used in Allen. Please let me know if this is ok.

Rob

IF MESSAGE IS UNCLEAR PLEASE CONTACT OUR OFFICE AT
(214) 358-6581
THANK YOU!

ED BELL CONSTRUCTION COMPANY

POST OFFICE BOX 540787
DALLAS, TEXAS 75354-0787

10605 HARRY HINES
DALLAS, TEXAS 75220

July 6, 1998

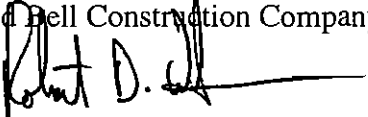
Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001

Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

We are in receipt of your June 19, 1998 letter regarding the pea gravel fill located at the NE corner of the Arapaho Road and Addison Road intersection that needs to be removed and replaced with an acceptable fill material. Based upon the information contained in that letter, we have revised our price accordingly. It is our understanding that all of the pea gravel can be disposed of on site; therefore, we have adjusted the amount of trucking necessary to dispose of the material and changed the type of trucks from trailers to tandems to accommodate the on site haul. Our revised price for removal and replacement of the pea gravel is \$9.58 per CY. I have enclosed our price justification sheets for your review.

The method for determining the actual quantity of work performed proposed in your letter is our preferred method of measurement given the uncertain size of the former tankhold. Please inform our office of your decision regarding this price. As always, if you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company

Robert D. Weber
Project Engineer

*OK to proceed as per
this letter
Jasper
7-17-98*

cc Dave Wilde



TOWN OF
ADDISON

PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

June 19, 1998

Mr. Robert D. Weber, Project Engineer
Ed Bell Construction
P.O. Box 540787
Dallas, TX 75354-0787

Re: Arapaho Road/Gas Company Hole/Former 7-11 Store

Dear Mr. Weber:

This is to respond to your letter of June 12, 1998 regarding excavation and backfill of the former tankhold that was encountered by Lone Star Gas (while they were relocating their gas main) at the former 7-11 store at the N.E. corner of Arapaho Road and Addison Road.

I believe the area of the tankhold is about 36' x 48' in size. Other patches in the area are for the former fuel island, and where the fuel lines ran between the tanks and the fuel island. I believe the former tankhold is our only concern. I calculate the volume of the tankhold to be about 600 cubic yards (compacted) - the gas main is about 8' deep and we would not go deeper than that. Fill would be compacted as per the job specs and placed up to the top elevation of the base course.

The onsite material should be suitable for backfill. The pea gravel can be stockpiled on the transit center site, so that should greatly shorten the haul for this material. We do not expect to have to test the pea gravel material, as all indications are that it is clean.

I would propose we determine the pay quantity based upon the volume of backfill material placed as determined by the volume of the delivery trucks and number of deliveries.

Please review and adjust your price based on the above.

Very truly yours,

Town of Addison

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

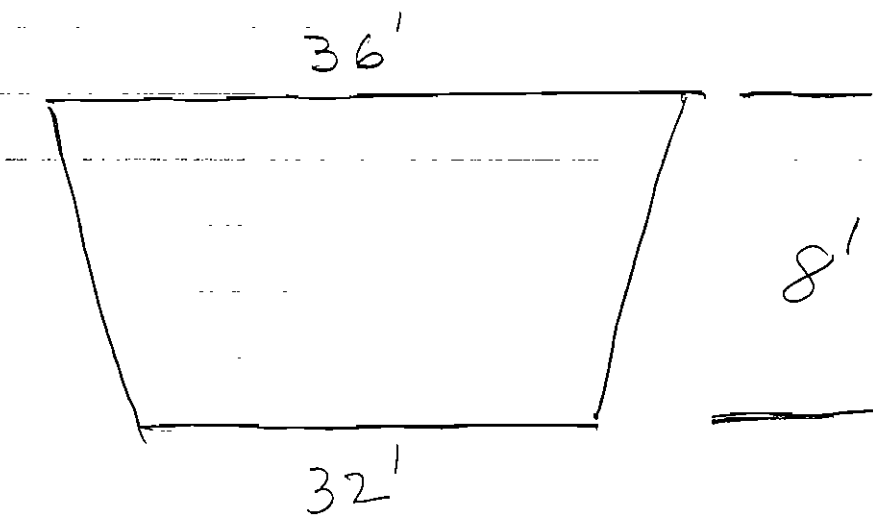
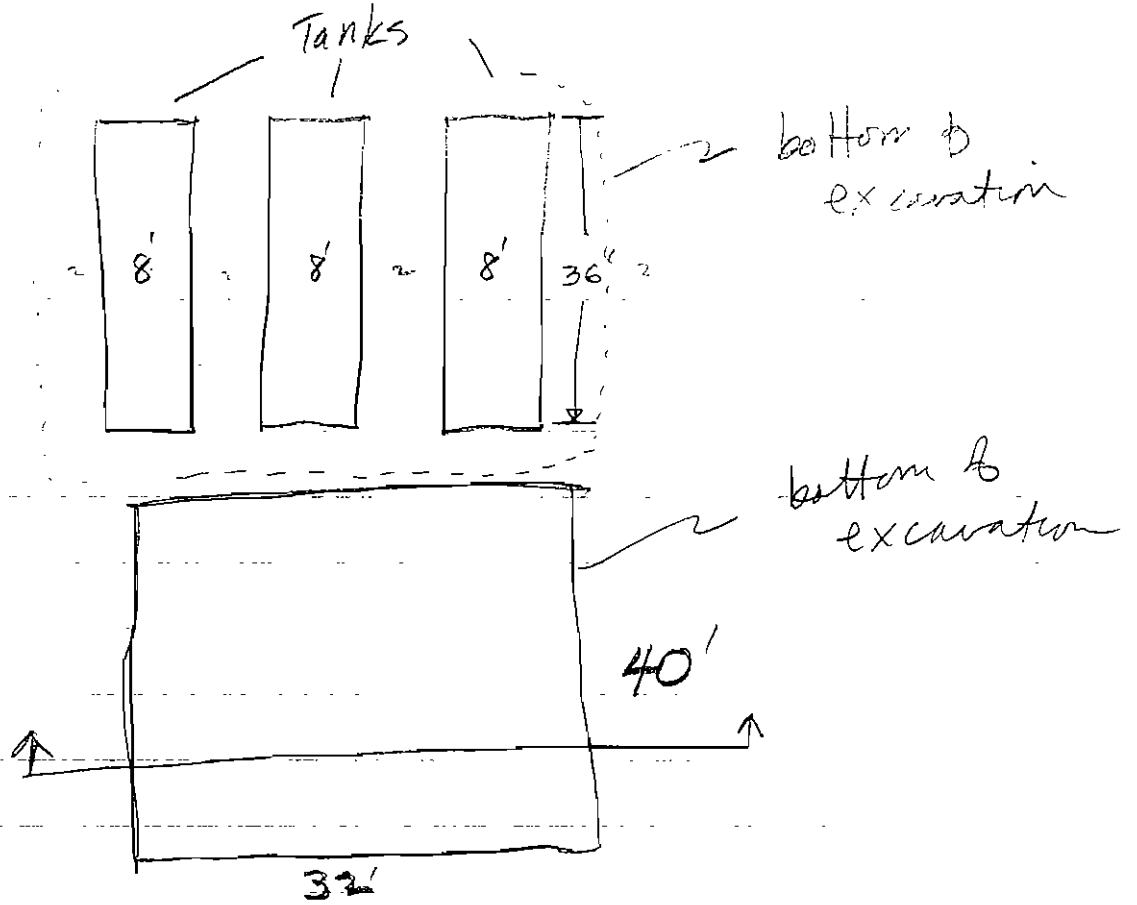
cc: John Baumgartner, Director of Public Works

cc Dave Wilde ✓

Orapahoe Gas Co. Hole

6-19-98

$\frac{2 \times 8}{2} = 8$



$$\frac{32+36}{2} \times 8' \times 48' = 13,056 \text{ ft}^3 \text{ or } 483 \text{ yd}^3$$

$\times 1.2$ for compaction
 round up to 600 yd³

ED BELL CONSTRUCTION COMPANYPOST OFFICE BOX 540787
DALLAS, TEXAS 75354-078710605 HARRY HINES
DALLAS, TEXAS 75220

June 12, 1998

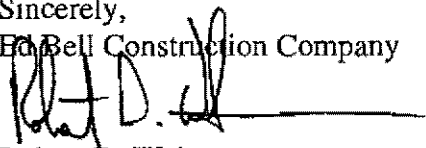
Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
P.O. Box 144
Addison, Texas 75001Re: Arapaho Road Reconstruction
Addison Road to Dallas North Tollway
Town of Addison

Dear Mr. Pierce:

It is our understanding that the pea gravel fill that Lone Star Gas discovered at the NE corner of the Arapaho Road and Addison Road intersection will need to be removed and replaced with an acceptable fill material. Based upon the location of the concrete patch in the old parking lot, it appears that the area in question could be as large as 150 feet long by 55 feet wide and 10 feet deep. We have assumed that we can utilize on site material as fill and that the pea gravel isn't contaminated and can be discarded without any special provisions for handling contaminated material. Additionally, we have assumed, based upon the July 31, 1995 letter from the Texas Natural Resource Conservation Commission regarding this site, that no contaminated material will be encountered and that any testing for contaminated material will be handled by the Town of Addison.

Based upon the previously mentioned assumptions, our price for removal and replacement of approximately 3000 CY of pea gravel with on site fill is \$11.15 per CY. I have enclosed our price justification sheets for your review. Prior to commencement of this work, both EBCC and the Town of Addison will need to determine the actual limits of the work and the quantity for payment. Based upon current projections, we intend to begin phase 1 concrete removals during the week of June 15, 1998 and should begin building grade for lime stabilization in early July 1998.

Please inform our office of your decision regarding this price. As always, if you have any questions regarding this information, don't hesitate to contact our office.

Sincerely,
Ed Bell Construction Company
Robert D. Weber
Project Engineer

Doug - 12 yds / trailer

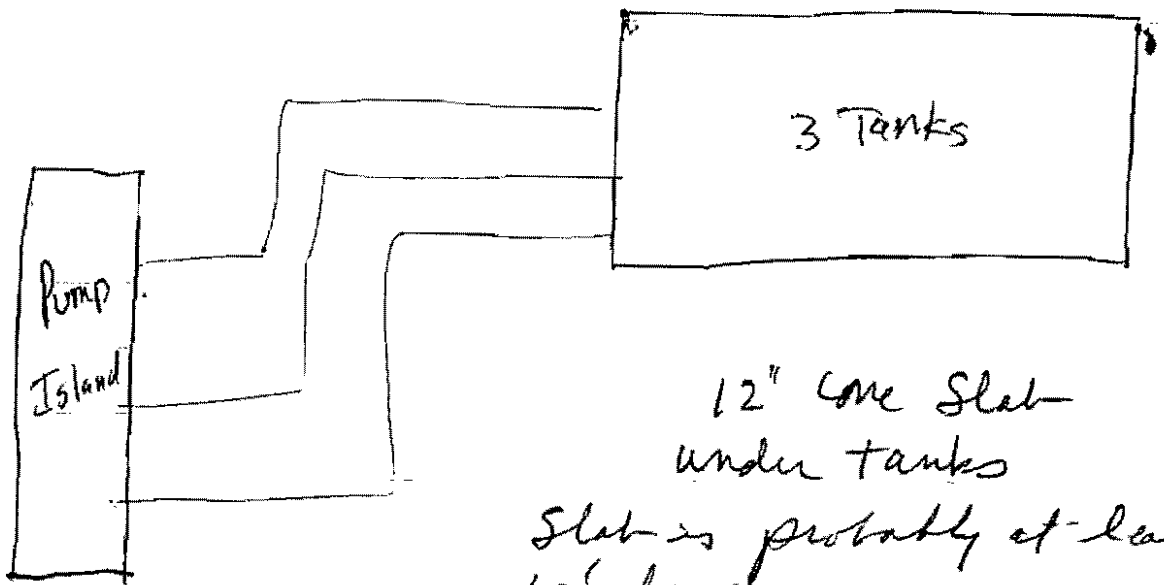
250 loads hauled off

12 yds @ 3 loads per
hour

15350 Addison Rd 7-11

Excavation 32' x 36'

8' dia tanks — 3
36' Long



Schematic

12" concrete slab
under tanks
slab is probably at least
10' deep.

Plans dated July '85

= 48' x 36' patch

5-15-98

John -

Backfill @ gas line

- 1- Harold Lewis - would put in slab. cement
2. Joel Porter - can't do it \$ 9K
will put plain gravel sack -
— don't want it back
3. asked Ed Bell to give us a proposal
for compacted select fill.

OK 

972-648-0755
Joel Porter
Pagon