

APPAHD CONST 10-23-98 - Jan 99

3-9-99

Telecom from Rene Rodriguez / DART :

June 7<sup>th</sup> Opening Date  
for Transit Center -

DART will irrigate the 5' strip  
between the back of sidewalk & the parking  
lot curb.

Look at slope between parking lot  
and our sidewalk. Parking lot is about  
1.5' higher than sidewalk. Slope will be  
1.5' in 6' horizontal. Options are a retaining  
wall along the sidewalk or slope between  
the two. I told Rene to slope between  
the two.

Jep

cc Glade  
Pat Rivera

Mailing Address: P.O. Box 9010, Addison, TX 75001-9010  
Shipping Address: 16801 Westgrove, Addison, TX 75001  
Phone: 972/450-2869  
Fax: 972/450-2834

**Town of Addison  
Parks Department**

# Fax

**To:** Bill Milsap

**From:** Slade Strickland, Director

**Firm:** Mesa Design

**Page** 3

**s:**

**Fax:** 972-871-1507

**Date:** 01/29/99

**Re:** Alternative Pedestrian Light Pole  
footings for Arapaho Streetscape  
Project

**CC:** Jim Pierce, Project Engineer  
Town of Addison

Original in Mail    Per your Request    FYI    Urgent    For Review  
 Please Comment    Please Reply

● **Comments:**

Here are the two light pole footing options for your review. There is a design conflict in the streetscape plans concerning the location and alignment of the Bega pedestrian light footings in relation to the tree well drain line. The plans call for placing the drain and the light pole footing in the same alignment, thus, the 5' deep footing will interfere with the drain line, which is approximately 4' deep.

Please let us know what Mesa's recommendation is regarding Option Number 1. If the contractor was to encounter the drain, then we need a recommendation on using Option Number 2. Our opinion is to use Option 1 if you approve. If the drain is encountered, then the contractor would need to use Option 2.

Please give us a recommendation on the expansion joint as well. We will need Mesa to sign off on these options once reviewed and approved.

Our contractor is on hold, and he needs feedback as soon as possible for scheduling purposes.

Thanks

Bill (MESA)

213 - 340

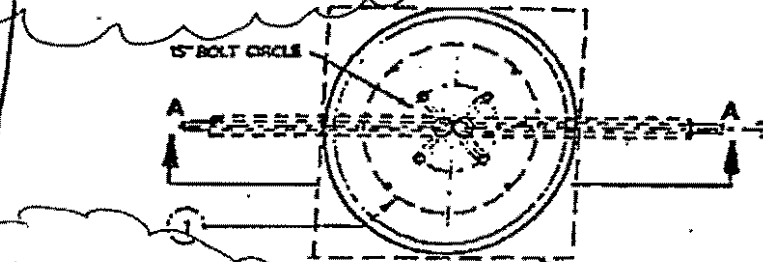
**STREET LIGHT FOUNDATION  
12" M.H. & 17" M.H. HISTORICAL /  
DECORATIVE POLES**

213 - 340

10 - 36

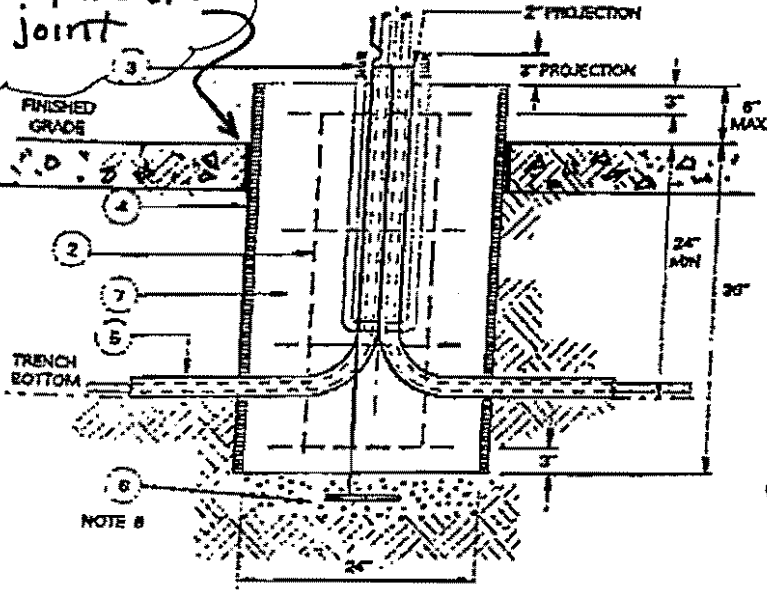
10 - 36

THIS WAS NOT IN YOUR ORIGINAL PLAN. I BELIEVE WE NEED IT. YOUR THOUGHTS?



NOTE 4

1/4" Expansion joint



SECTION "A - A"

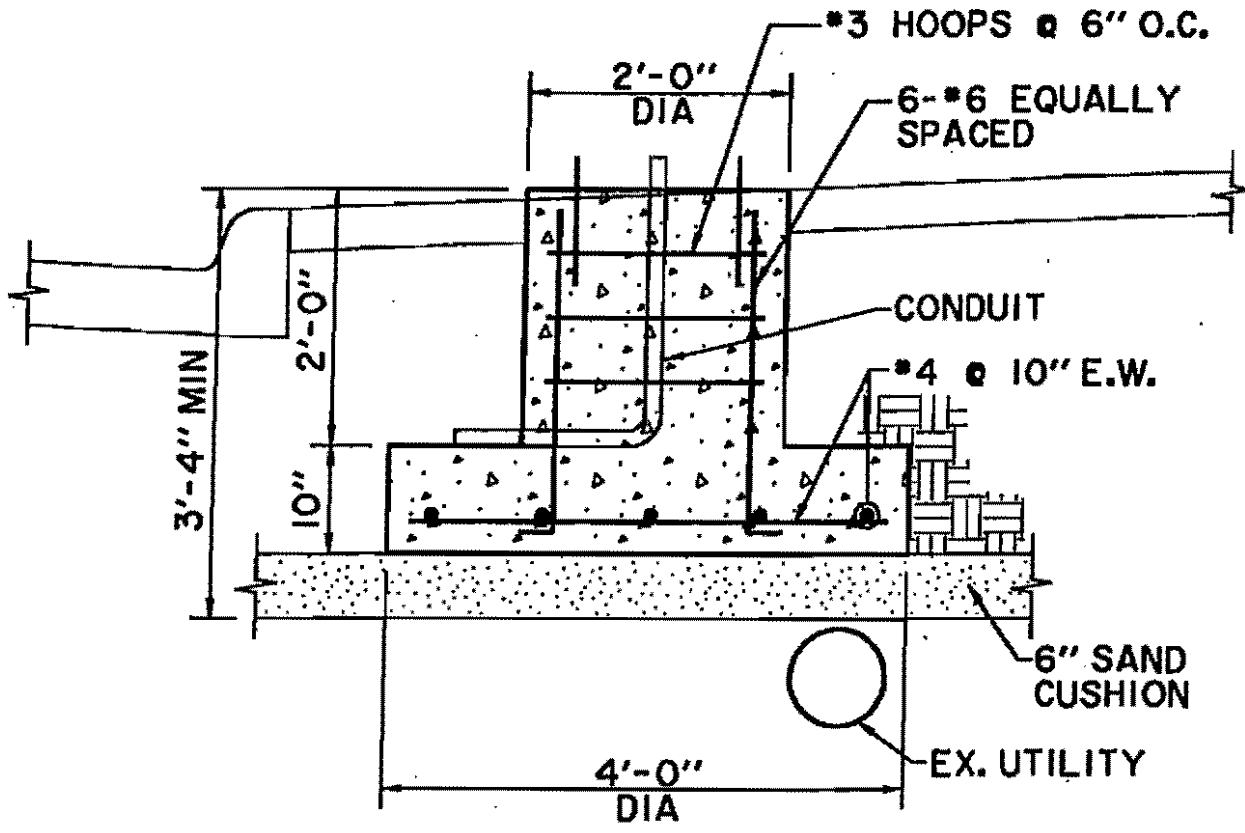
**NOTES:**

1. CONCRETE TO BE MINIMUM 3000 PSI AT 28 DAYS, IS SAGG MAXIMUM AGGREGATE 3/4". TOP OF FOUNDATION TO BE TROWELED TO A FLAT AND LEVEL SURFACE. AVOID EXCESSIVE TROWELING. CONCRETE TO SET A MINIMUM OF 72 HOURS BEFORE POLE INSTALLATION.
2. REBAR HOOPS ARE TIED BEGINNING 3" BELOW TOP OF CONCRETE FORM AND ARE REPEATED AT APPROXIMATE 1 FT. INTERVALS TO BOTTOM OF FOUNDATION.
3. ANCHOR BOLTS TO BE SUPPLIED WITH POLE. USE TEMPLATE FURNISHED BY POLE MANUFACTURER FOR ALIGNING ANCHOR BOLTS.
4. CONCRETE FORM OF SONOTUBE TO EXTEND TO BOTTOM OF TRENCH OR AS NEEDED. FORMS FOR SQUARE BASE (EG. TEXAN POLE) POLE FOUNDATION TOP SHOULD BE FABRICATED AS NECESSARY.
5. PROVIDE 24" PIGTAIL FOR CONNECTION OF GROUND WIRE TO POLE.
6. A MINIMUM OF 12 OF BARE #6 SD CU WIRE TO BE PLACED BY BOTTOM OF HOLE AND COVERED WITH 2" OF DIRT.
7. IF SOIL HAS BEEN DISTURBED, EXTEND FOUNDATION BY DEPTH OF DISTURBED SOIL.

ITEM	QTY	DESCRIPTION	TSN/REF	CU	MU.
1	4	#2 REBAR, 18 IN DIAMETER HOOP, 3 IN. OVERLAP	31470	5LFT	
2	4	#5 REBAR, STRAIGHT, 36" IN. LONG	317821		
3	4	ANCHOR BOLT, GALV 3/4 IN. (SUPPLIED W/POLE TSN)	318575		
4	AS REQD	CONCRETE FOUNDATION TUBE, 24 IN. DIAMETER	313841		
5	AS REQD	CONDUIT, PVC OR PEC (NOT IN FOUNDATION CL)			
6	2 LB	WIRE, #6 COPPER SOLID, GROUND, POLE BUTT COIL	310091		
7	AS REQD	CONCRETE			

APPROVED BY TUELECTRIC

OPTION 1

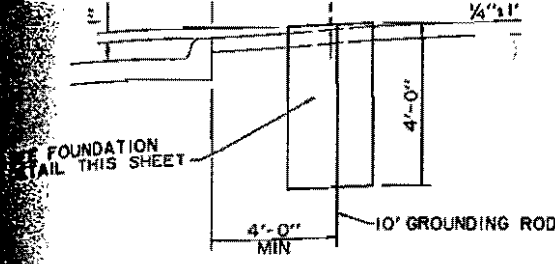


**ALTERNATE LIGHT FIXTURE FOOTING  
AT UTILITY CONFLICT**

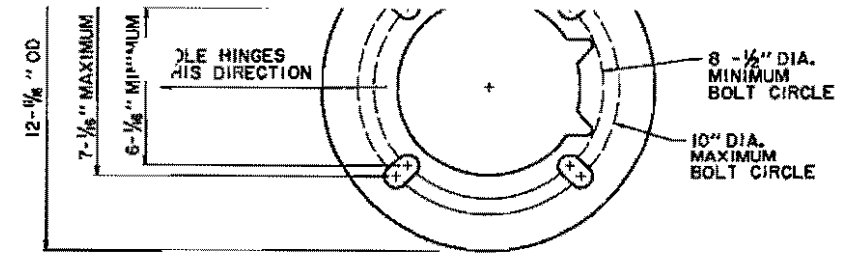


N.T.S.

OPTION 2



**LIGHT FIXTURE PLACEMENT DETAIL**  
N.T.S.



**ROUND BOTTOM HINGE  
BASE ANCHOR BOLT TEMPLATE**  
N.T.S.

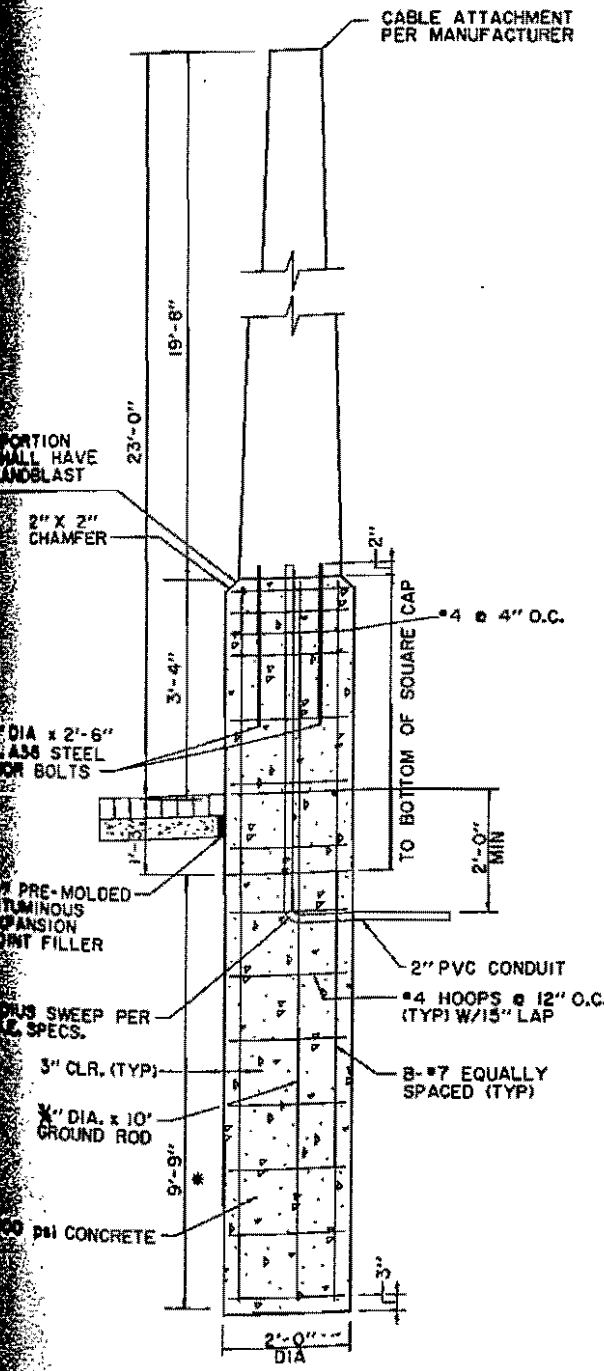
NOTE:  
ADEQUATE DRAINAGE  
MUST BE PROVIDED IN  
CONCRETE FOUNDATION  
OR GROUT.

CONFLICT WITH OTHER UTILITIES.  
3. FOR PURPOSES OF COORDINATION, PEDESTRIAN LIGHTS BE INSTALLED PER THE STREETScape PLANS FOR THIS PROJECT WILL BE THE FOLLOWING:  
SEE SHEET E21 FOR POLE TYPES.

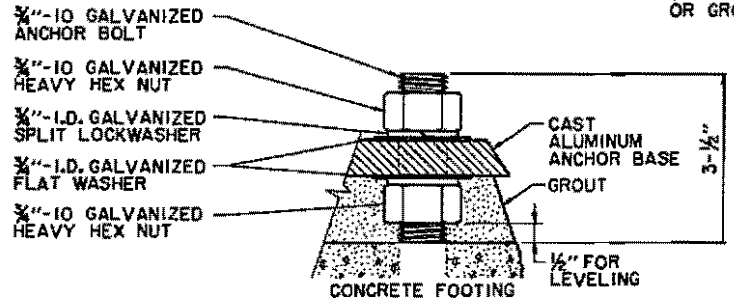
THIS POLE WILL BE INSTALLED WITH A 175 WATT METAL HALIDE BEGA 9801 ED-17MH/120V FIXTURE AND LUMINAIRE.

POLES WILL BE PRIMED AND PAINTED AT THE FACTORY.

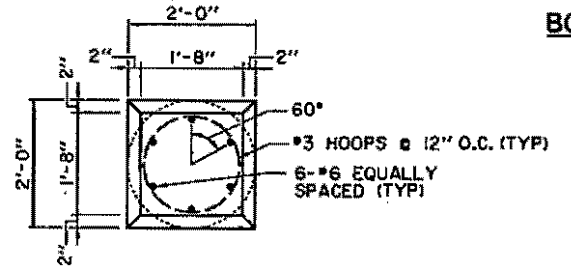
4. LOCATIONS OF ANY STREET LIGHTS MAY NOT BE ALTERED WITHOUT PERMISSION FROM THE ENGINEER.  
5. THE LETTER "C" SHALL BE STAMPED OR CHISELED ON CURB AT ALL LOCATIONS OF CONDUIT UNDER DRIVES AND INTERSECTIONS.



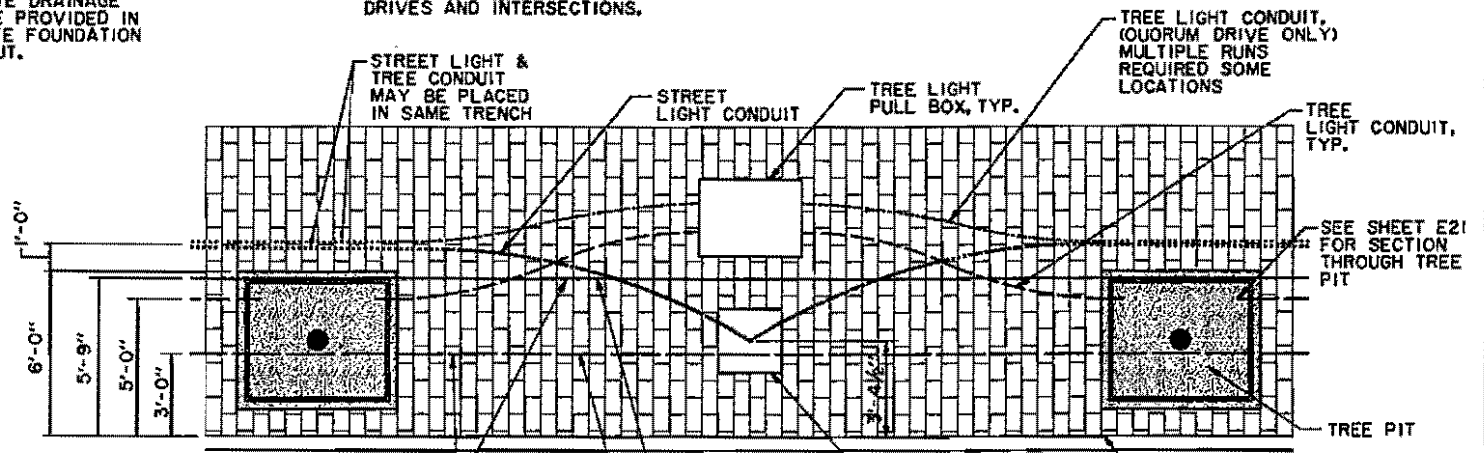
**HANGING LIGHTS POLE  
SUPPORT FOUNDATION**  
N.T.S.



**BOLT PROJECTION DETAIL**  
N.T.S.

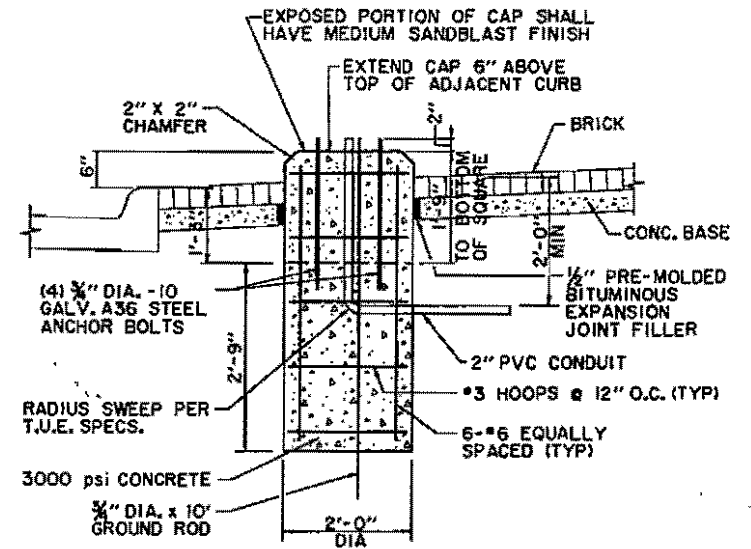


**LIGHT FIXTURE FOUNDATION  
AND CAP PLAN**  
N.T.S.

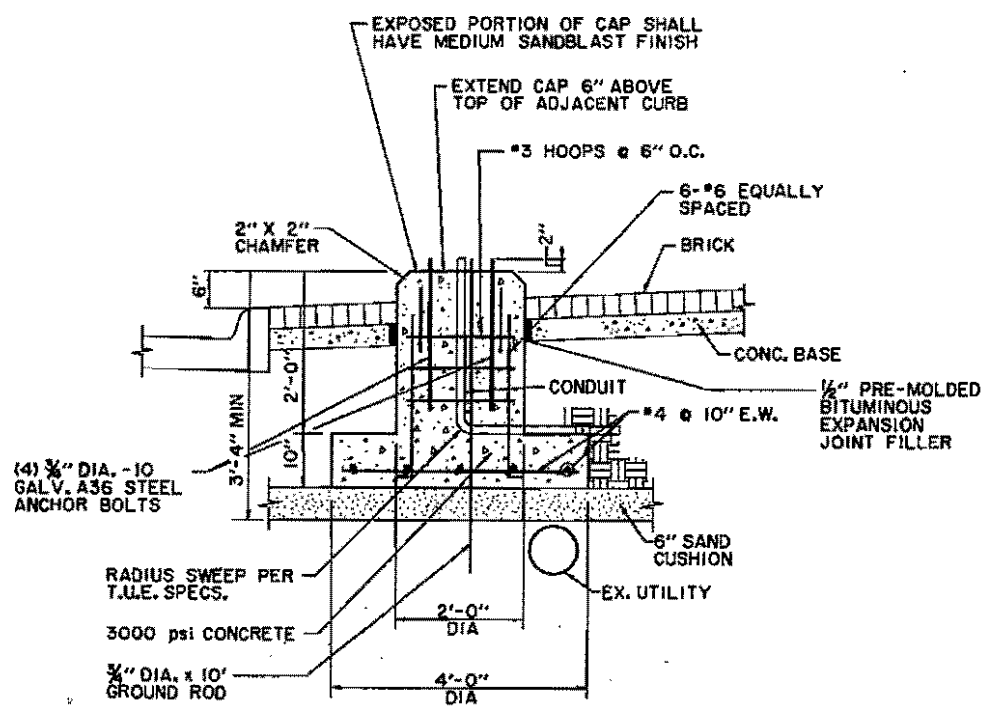


**TREE LIGHT AND STREET LIGHT  
CONDUIT DETAIL**  
CONDUIT SHALL BE DEFLECTED AROUND TREE PIT LOCATIONS - TYPICAL  
N.T.S.

NOTE:  
TREE LIGHT CONDUITS BETWEEN TREE PITS SHALL BE DEFLECTED AROUND STREET LIGHT BASE AS REQUIRED.



**LIGHT FIXTURE FOUNDATION  
AND CAP SECTION**  
N.T.S.



**ALTERNATE LIGHT FIXTURE FOOTING  
AT UTILITY CONFLICT**  
N.T.S.

(NOT TO BE USED FOR HANGING LIGHT FOUNDATION)

IF GRAY LIME STONE IS ENCOUNTERED THEN MINIMUM DEPTH SHALL BE ONE DIAMETER (2 FEET) INTO GRAY LIME STONE. IN NO CASE SHALL THIS DIMENSION BE LESS THAN 3'-9".

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAVID E. MEYERS, P.E. 61512 ON 2/13/98



DATE	DESCRIPTION	REF. NO.
2/13/98	ADDED HANGING LIGHT POLE FOUNDATION	1
10/3/97	ISSUED FOR CONSTRUCTION	N/A
7/14/97	ISSUED FOR BID	N/A

LIGHTING DETAILS						
ADDISON CIRCLE						
PHASE II PUBLIC INFRASTRUCTURE						
TOWN OF ADDISON, TEXAS						
Hull-Zollars, Inc./Engineering/Architecture Dallas, Fort Worth, Houston, El Paso, Phoenix, Austin, Ontario						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZI	HZI	DEM	N.T.S.	OCT. 97	01-1822-21	ST13

TOWN OF  
**ADDISON**

*Faxed*

# PUBLIC WORKS

To: Ken Roberts

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

Company: Huett Zollars

FAX #: 214-871-0757

Date: 1-29-99

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

# of pages (including cover): 3

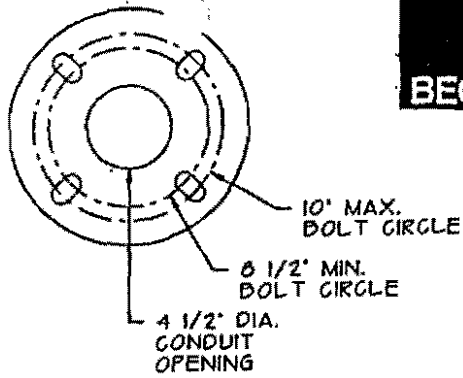
Re: Arapaho Rd - Pedestrian Light Bases

- Original in mail       Per your request       FYI       Call me <sup>sheet LC-4</sup>

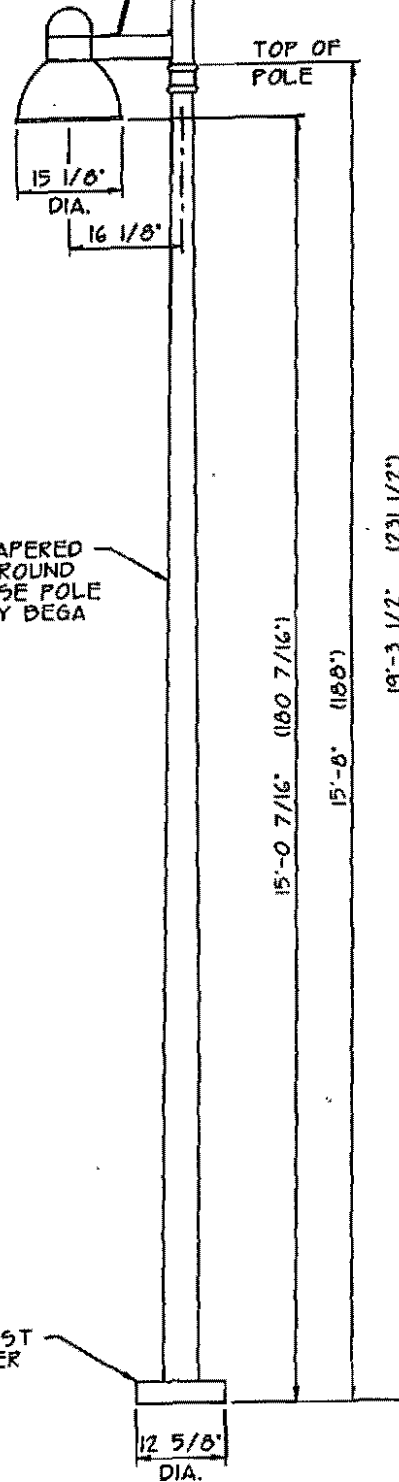
Comments: We originally planned to use a light foundation 22"  $\phi$  by 5' deep. However, the lights are located right on top of the tree drains that are about 4' deep. We thought about moving the lights but have eliminated that idea. Attached is a cut sheet of the light pole and a proposed light base that TU has "approved". Our light base will be placed in disturbed soil from the tree drain installation, but will be held very rigid at the top by the sidewalk. Use of this light base will allow the lights to be placed where we want them. Please give me an opinion about this proposal. Thanks

*Jim*

**BEGA**



BASE DETAIL



3" TO 5" TAPERED ALUMINUM ROUND HINGED BASE POLE (1508HR) BY BEGA

**FIXTURE SPECIFICATIONS:**

ALL DIE CAST ALUMINUM CONSTRUCTION WITH ONE-PIECE CAST ARM AND SPUN ALUMINUM REFLECTOR. TEMPERED GLASS AND SILICONE O-RING GASKETING ALL FASTENERS ARE STAINLESS STEEL THREADED INTO STAINLESS STEEL INSERTS. PORCELAIN, NICKEL PLATED SCREW BASE LAMPHOLDER. FIXTURE AND POLE ARE SUBJECT TO BEGA'S STANDARD WARRANTY TERMS (2 YRS).

**NOTES:**

- ✓ 1. LUMINAIRE #980IMH MOD - SEE SPECIFICATIONS.
- ✓ 2. 175W 240v (-20°F) MH BALLAST LOCATED IN POLE BASE ON REMOVABLE TRAY.
- ✓ 3. (1) 175W ED17 MH LAMP (BY OTHERS).
- 4. IN-LINE FUSE (BY OTHERS).
- 5. CLEAR TEMPERED GLASS LENS.
- 6. SEE POLE DATA SHEET FOR ANCHORAGE INFORMATION.
- 7. SEE POLE MANUFACTURING LETTER FOR CERTIFICATION INFORMATION.
- 8. BLACK FINISH (BEGA 8 STEP PAINT FINISH).

2-PIECE CAST BASE COVER

REV.	DATE	DESCRIPTION	CAT NO:	980IMH MOD TO 175W MH
			PROJECT:	ADDISON CIRCLE
			LOCATION:	ADDISON, TEXAS
			DRAWN BY:	JAM
			DATE:	24 JUL 97

**BEGA**



213 - 340

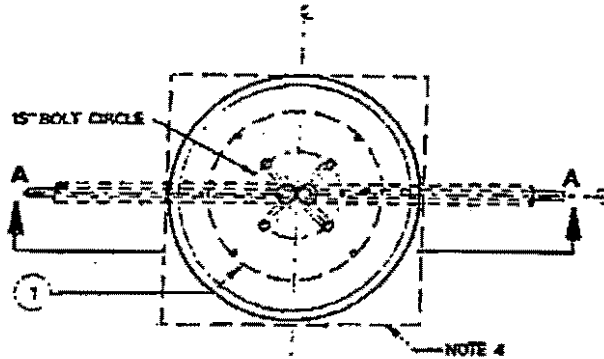
10 - 96

**STREET LIGHT FOUNDATION  
12'M.H. & 17' M.H. HISTORICAL /  
DECORATIVE POLES**

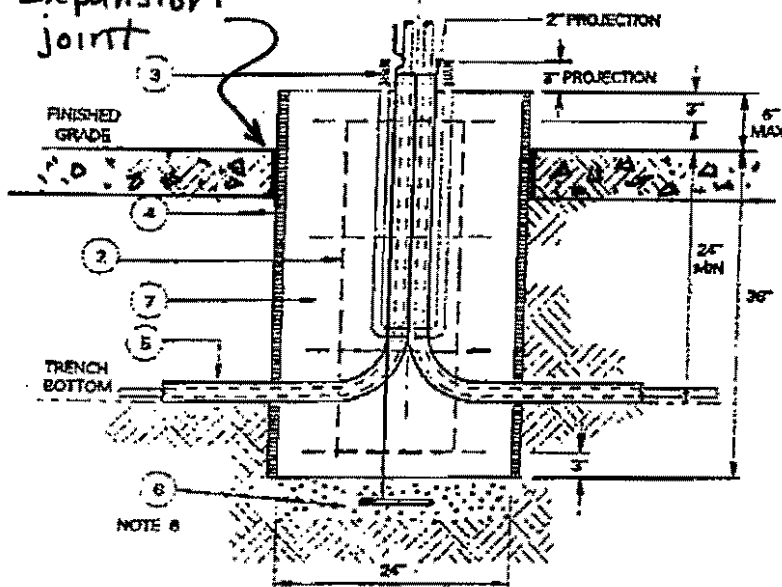
213 - 340

10 - 96

COPYRIGHT © TU ELECTRIC CO. 1994 ALL RIGHTS RESERVED



*1/4" Expansion joint*  
*4" conc.*



SECTION "A - A"

**NOTES:**

1. CONCRETE TO BE MINIMUM 3000 PSI AT 28 DAYS, IS SAGG MAXIMUM AGGREGATE 3/4". TOP OF FOUNDATION TO BE TROWELED TO A FLAT AND LEVEL SURFACE. AVOID EXCESSIVE TROWELING. CONCRETE TO SET A MINIMUM OF 72 HOURS BEFORE POLE INSTALLATION.
2. REBAR HOOPS ARE TIED BEGINNING 3" BELOW TOP OF CONCRETE FORM AND ARE REPEATED AT APPROXIMATE 1 FT. INTERVALS TO BOTTOM OF FOUNDATION.
3. ANCHOR BOLTS TO BE SUPPLIED WITH POLE. USE TEMPLATE FURNISHED BY POLE MANUFACTURER FOR ALIGNING ANCHOR BOLTS.
4. CONCRETE FORM OF SONOTUBE TO EXTEND TO BOTTOM OF TRENCH OR AS NEEDED. FORMS FOR SQUARE BASE (EG. TEXAN POLE) POLE FOUNDATION TOP SHOULD BE FABRICATED AS NECESSARY.
5. PROVIDE 24" PIGTAIL FOR CONNECTION OF GROUND WIRE TO POLE.
6. A MINIMUM OF 12" OF BARE #6 SD CU WIRE TO BE PLACED IN BOTTOM OF HOLE AND COVERED WITH 2" OF DIRT.
7. IF SOIL HAS BEEN DISTURBED, EXTEND FOUNDATION BY DEPTH OF DISTURBED SOIL.

ITEM	QTY	DESCRIPTION	TSN/REF	CU	MU.
1	4	#3 REBAR, 18 IN. DIAMETER HOOP, 3 IN. OVERLAP	314470	5LFT	
2	4	#5 REBAR, STRAIGHT, 36" IN. LONG	317821		
3	4	ANCHOR BOLT, GALV 3/4 IN. (SUPPLIED W/POLE TSN)	316675		
4	AS REQD	CONCRETE FOUNDATION TUBE, 24 IN. DIAMETER	313841		
5	AS REQD	CONDUIT, PVC OR PEC (NOT IN FOUNDATION CU)			
6	2 LB	WIRE, #6 COPPER SOLID, GROUND, POLE BUTT COIL	310091		
7	AS REQD	CONCRETE			

APPROVED BY **TUELECTRIC**

*1-29-99- Ken thinks this would be OK as long as the TU decorative pole & the Bega Pole are similar*

213 - 340

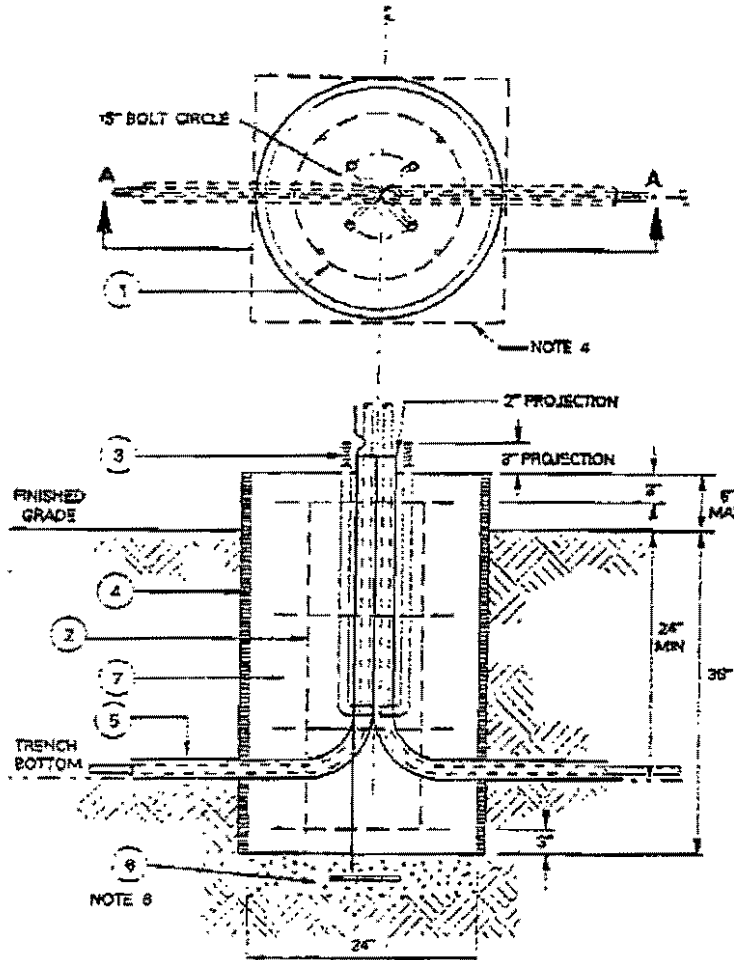
10 - 96

**STREET LIGHT FOUNDATION**  
**12' M.H. & 17' M.H. HISTORICAL /**  
**DECORATIVE POLES**

213 - 340

10 - 96

COPYRIGHT © TUE ELECTRIC CO. ALL RIGHTS RESERVED



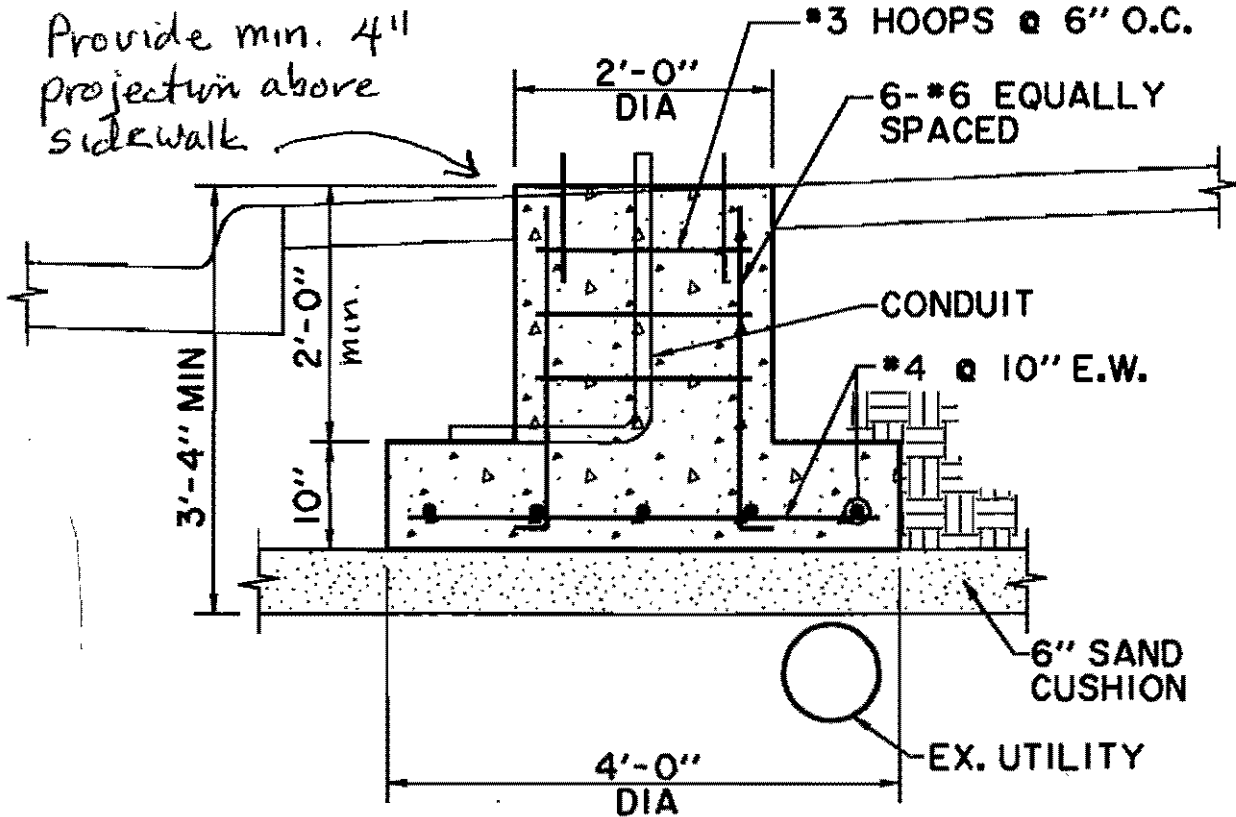
SECTION "A - A"

**NOTES:**

1. CONCRETE TO BE MINIMUM 3000 PSI AT 28 DAYS, 15 SACK MAXIMUM AGGREGATE 3/4". TOP OF FOUNDATION TO BE TROWELED TO A FLAT AND LEVEL SURFACE. AVOID EXCESSIVE TROWELING. CONCRETE TO SET A MINIMUM OF 72 HOURS BEFORE POLE INSTALLATION.
2. REBAR HOOPS ARE TIED BEGINNING 3" BELOW TOP OF CONCRETE FORM AND ARE REPEATED AT APPROXIMATE 1 FT. INTERVALS TO BOTTOM OF FOUNDATION.
3. ANCHOR BOLTS TO BE SUPPLIED WITH POLE. USE TEMPLATE FURNISHED BY POLE MANUFACTURER FOR ALIGNING ANCHOR BOLTS.
4. CONCRETE FORM OF SONOTUBE TO EXTEND TO BOTTOM OF TRENCH OR AS NEEDED. FORMS FOR SQUARE BASE (EG. TEXAN POLE) POLE FOUNDATION TOP SHOULD BE FABRICATED AS NECESSARY.
5. PROVIDE 24" PIGTAIL FOR CONNECTION OF GROUND WIRE TO POLE.
6. A MINIMUM OF 12" OF BARE #6 SD CU WIRE TO BE PLACED IN BOTTOM OF HOLE AND COVERED WITH 2" OF DIRT.
7. IF SOIL HAS BEEN DISTURBED, EXTEND FOUNDATION BY DEPTH OF DISTURBED SOIL.

ITEM	QTY	DESCRIPTION	TSN/REF	CU	MU
1	4	#9 REBAR, 3 IN. DIAMETER HOOP, 3 IN. OVERLAP	314470	SLFT	
2	4	#5 REBAR, STRAIGHT, 36" IN. LONG	317621		
3	4	ANCHOR BOLT, GALV 3/4 IN. (SUPPLIED W/POLE TSN)	318575		
4	AS REQD	CONCRETE FOUNDATION TUBE, 24 IN. DIAMETER	303845		
5	AS REQD	CONDUIT, PVC OR PEC (NOT IN FOUNDATION CU)			
6	2 LB	WIRE #6 COPPER SOLID, GROUND, POLE BUTT COIL	310091		
7	AS REQD	CONCRETE			

APPROVED BY **TUELECTRIC**



**ALTERNATE LIGHT FIXTURE FOOTING  
AT UTILITY CONFLICT**

5

N.T.S.

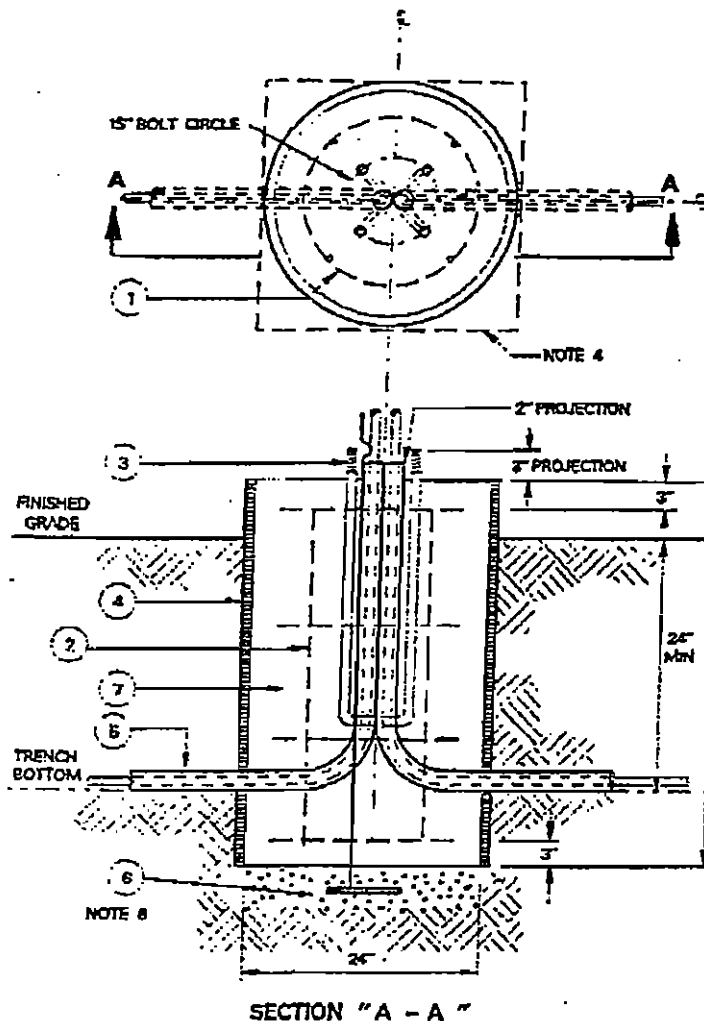
213 - 340

10 - 96

### STREET LIGHT FOUNDATION 12' M.H. & 17' M.H. HISTORICAL / DECORATIVE POLES

213 - 340

10 - 96



**NOTES:**

1. CONCRETE TO BE MINIMUM 3000 PSI AT 28 DAYS. (5 SACK) MAXIMUM AGGREGATE 3/4". TOP OF FOUNDATION TO BE TROWELED TO A FLAT AND LEVEL SURFACE. AVOID EXCESSIVE TROWELING. CONCRETE TO SET A MINIMUM OF 72 HOURS BEFORE POLE INSTALLATION.
2. REBAR HOOPS ARE TIED BEGINNING 3" BELOW TOP OF CONCRETE FORM AND ARE REPEATED AT APPROXIMATE 1 FT. INTERVALS TO BOTTOM OF FOUNDATION.
3. ANCHOR BOLTS TO BE SUPPLIED WITH POLE. USE TEMPLATE FURNISHED BY POLE MANUFACTURER FOR ALIGNING ANCHOR BOLTS.
4. CONCRETE FORM OF SONOTUBE TO EXTEND TO BOTTOM OF TRENCH OR AS NEEDED. FORMS FOR SQUARE BASE (EG. TEXAN POLE) POLE FOUNDATION TOP SHOULD BE FABRICATED AS NECESSARY.
5. PROVIDE 24" PIGTAIL FOR CONNECTION OF GROUND WIRE TO POLE.
6. A MINIMUM OF 12" OF BARE #6 SD CU WIRE TO BE PLACED IN BOTTOM OF HOLE AND COVERED WITH 2" OF DIRT.
7. IF SOIL HAS BEEN DISTURBED, EXTEND FOUNDATION BY DEPTH OF DISTURBED SOIL.

ITEM	QTY	DESCRIPTION	TSN/REF	CU	MU.
1	4	#3 REBAR, 18 IN. DIAMETER HOOP, 3 IN. OVERLAP	314170	SUFT	
2	4	#5 REBAR, STRAIGHT, 36" IN. LONG	317821		
3	4	ANCHOR BOLT, GALV 3/4 IN. (SUPPLIED W/POLE TSN)	318575		
4	AS REQD	CONCRETE FOUNDATION TUBE, 24 IN. DIAMETER	313841		
5	AS REQD	CONDUIT, PVC OR PEC (NOT IN FOUNDATION CU)			
6	2 LB	WIRE, #6 COPPER SOLID, GROUND, POLE BUTT COIL	310091		
7	AS REQD	CONCRETE			

APPROVED BY **TUELECTRIC**

COPYRIGHT © TUELECTRIC CO. INC. ALL RIGHTS RESERVED

# Mel's Electric

1810 S. Akard St.  
Dallas, Texas 75215  
214 - 565-1074

Fax : 214 - 565-1081

Subject of this Transmittal: *ARAPASHO RD*

Number of Pages to Follow : *1*

Attention Of: *Jim P.*

Date : *1/29/99*

From : *Johnny*

Notes :

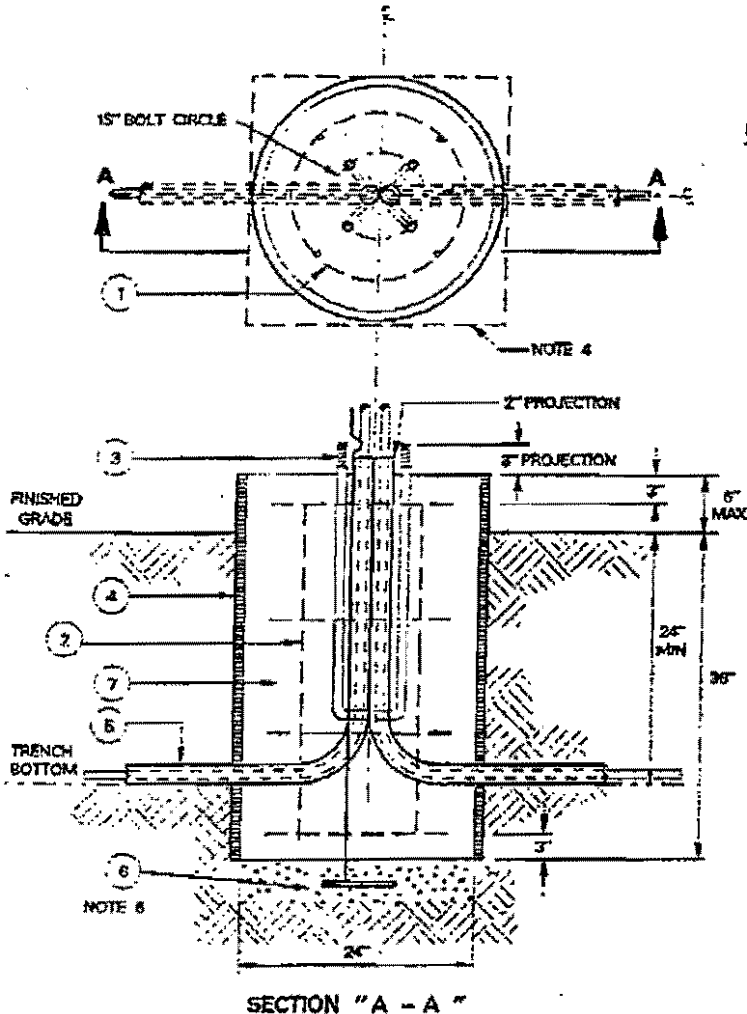
213 - 340

**STREET LIGHT FOUNDATION  
12' M.H. & 17' M.H. HISTORICAL /  
DECORATIVE POLES**

213 - 340

10 - 96

10 - 96



**NOTES:**

1. CONCRETE TO BE MINIMUM 3000 PSI AT 28 DAYS. (5 SACK) MAXIMUM AGGREGATE 3/4". TOP OF FOUNDATION TO BE TROWELED TO A FLAT AND LEVEL SURFACE. AVOID EXCESSIVE TROWELING. CONCRETE TO SET A MINIMUM OF 72 HOURS BEFORE POLE INSTALLATION.
2. REBAR HOOPS ARE TIED BEGINNING 3" BELOW TOP OF CONCRETE FORM AND ARE REPEATED AT APPROXIMATE 1 FT. INTERVALS TO BOTTOM OF FOUNDATION.
3. ANCHOR BOLTS TO BE SUPPLIED WITH POLE. USE TEMPLATE FURNISHED BY POLE MANUFACTURER FOR ALIGNING ANCHOR BOLTS.
4. CONCRETE FORM OF SONOTUBE TO EXTEND TO BOTTOM OF TRENCH OR AS NEEDED. FORMS FOR SQUARE BASE (EG. TEXAN POLE) POLE FOUNDATION TOP SHOULD BE FABRICATED AS NECESSARY.
5. PROVIDE 24" PIGTAIL FOR CONNECTION OF GROUND WIRE TO POLE.
6. A MINIMUM OF 12' OF BARE #6 SD CU WIRE TO BE PLACED IN BOTTOM OF HOLE AND COVERED WITH 2" OF DIRT.
7. IF SOIL HAS BEEN DISTURBED, EXTEND FOUNDATION BY DEPTH OF DISTURBED SOIL.

ITEM	QTY	DESCRIPTION	TSN/REF	CU	MU
1	4	#3 REBAR, 18 IN. DIAMETER HOOP, 3 IN. OVERLAP	311170	5Lft	
2	4	#5 REBAR, STRAIGHT, 36" IN. LONG	317821		
3	4	ANCHOR BOLT, GALV 3/4 IN. (SUPPLIED W/POLE TSN)	318575		
4	AS REQD	CONCRETE FOUNDATION TUBE, 24 IN. DIAMETER	313841		
5	AS REQD	CONDUIT, PVC OR PEC (NOT IN FOUNDATION CU)			
6	2 LB	WIRE, #6 COPPER SOLID, GROUND, POLE BUTT COIL	310081		
7	AS REQD	CONCRETE			

APPROVED BY **TUELECTRIC**

COPYRIGHT © TUELECTRIC CO. ALL RIGHTS RESERVED

Arapaho Streetscape

1-25-99  
4PM

Slade wants to reconsider pedestrian lights location. (Base/Drain conflict)

Consider:

- Shortening the pier foundation
- Use a spread foundation
- 45° around the light base with drain pipe

Called Pat Rivera and advised him - put lights on hold.

Pat will get a price to 45° around light bases

Slade will find out what was done in Addison Circle Phase II?

Evidently the light bases were shortened to 3'. Slade found out that a 3' footing, belled out was proposed as an alternate.

**Jim Pierce**

**From:** Dave Wilde  
**Sent:** Monday, January 25, 1999 5:27 PM  
**To:** Jim Pierce  
**Subject:** RE: Work zone speed limit enforcement

Not yet.

*Dave Wilde, PWI - 2847*

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

**From:** Jim Pierce  
**Sent:** Monday, January 25, 1999 5:22 PM  
**To:** Dave Wilde  
**Cc:** Jim Pierce  
**Subject:** RE: Work zone speed limit enforcement

Did you get any response to this? Jim.

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

**From:** Dave Wilde  
**Sent:** Thursday, January 21, 1999 5:00 PM  
**To:** E McCarley  
**Cc:** Jim Pierce  
**Subject:** Work zone speed limit enforcement

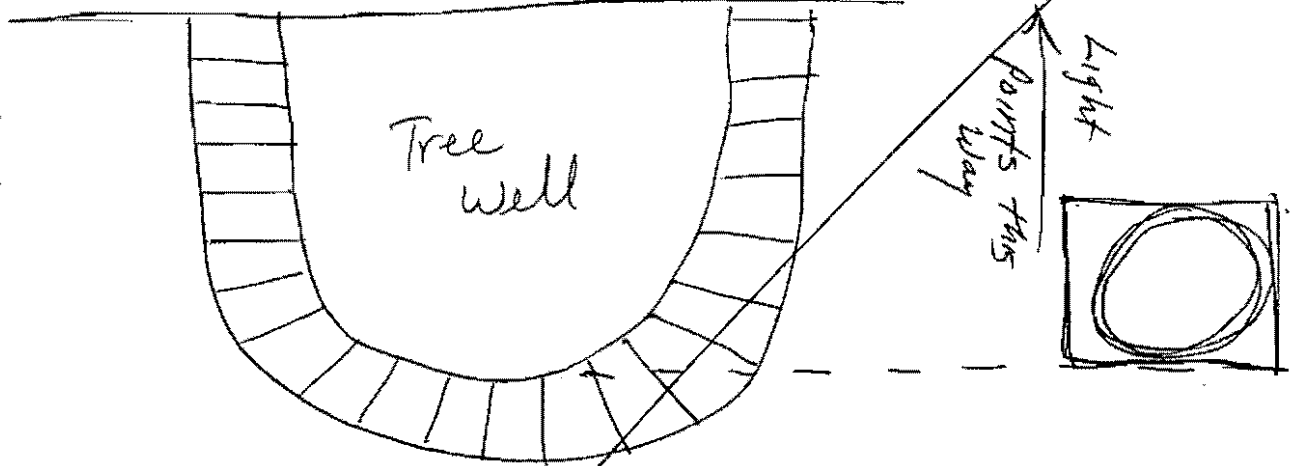
Our Contractor for the Arapaho Rd. realignment has requested some additional speed surveillance through the work zone on Quorum Drive between Edwin Lewis and the RR tracks. There are signs requesting a 20MPH speed limit, and traffic is continually, significantly, exceeding that. With the workers and construction traffic in the area, this can be very dangerous. Would it be possible to have a visible presence there periodically to deter this speeding? Thank you for considering this.

*Dave Wilde, PWI - 2847*



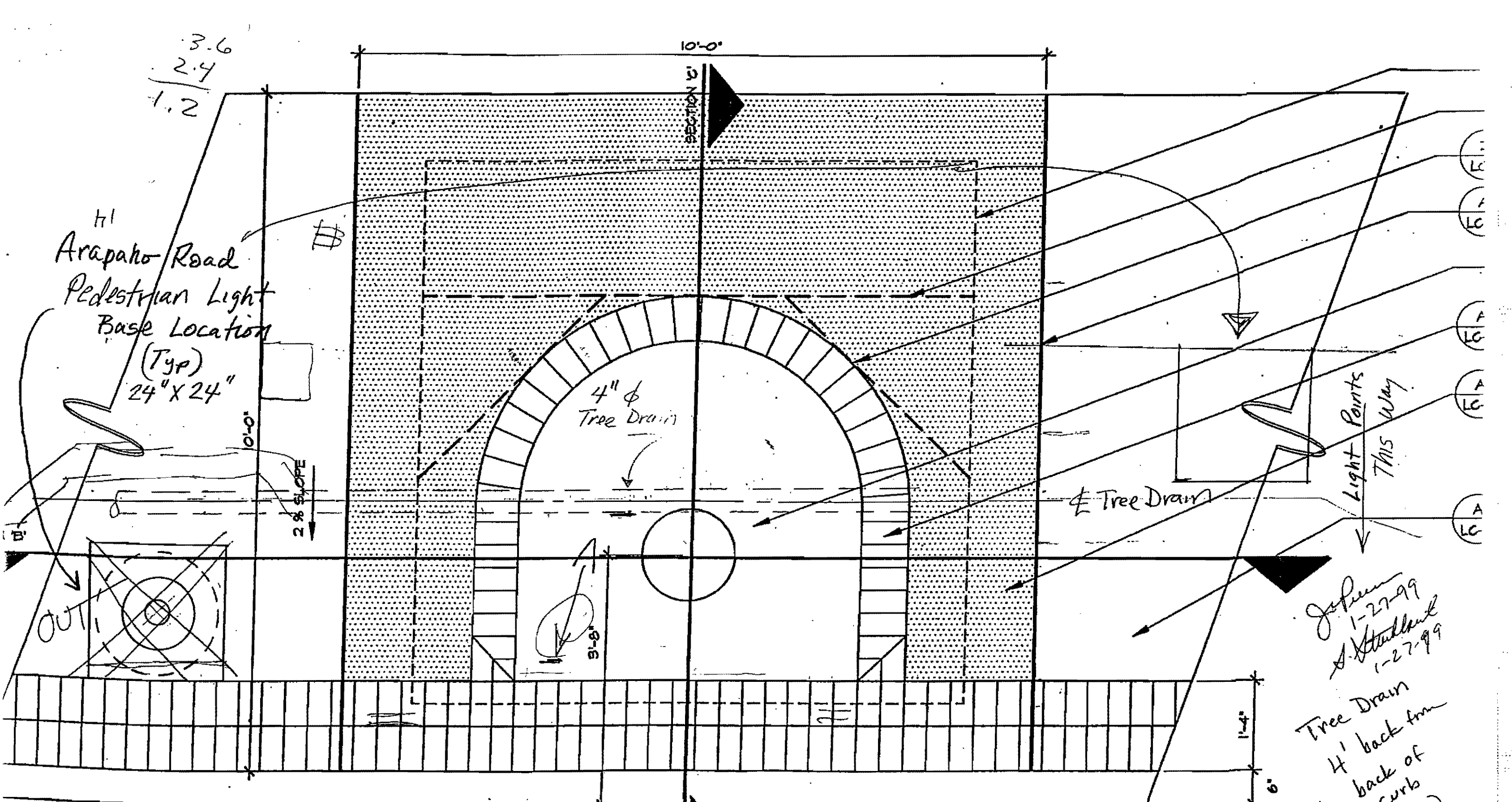
Arapaho Road

1-27-99



Align off of Tree Well as shown  
Use Round Top?

**VOID**  
Light poles to be placed  
in original location



Note: Center Light Bases between Tree Walls as shown on plans

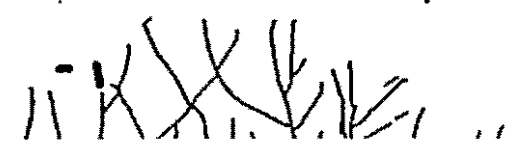
Arapaho Rd Revised Light Base Location

**A TREE GRATE PLAN**

3/4" = 1'-0"

J. Pfeiffer 1-12-99  
 J. Pfeiffer 1-13-99 - Per Tony Artubum (Miss approval)

J. Pfeiffer  
 1-27-99  
 A. Stubbins  
 1-27-99  
 Tree Drain  
 4' back from  
 back of  
 curb  
 (Typ)



TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

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

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 1-26-99

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

# of pages (including cover): 1

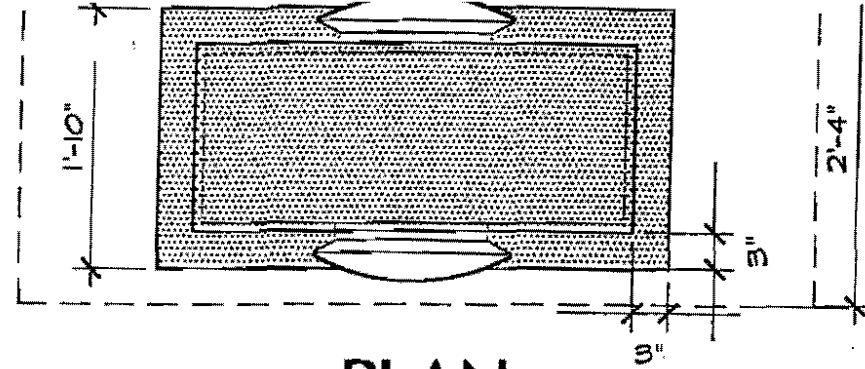
Re: Arapaho Road Construction Schedule

- Original in mail       Per your request       FYI       Call me

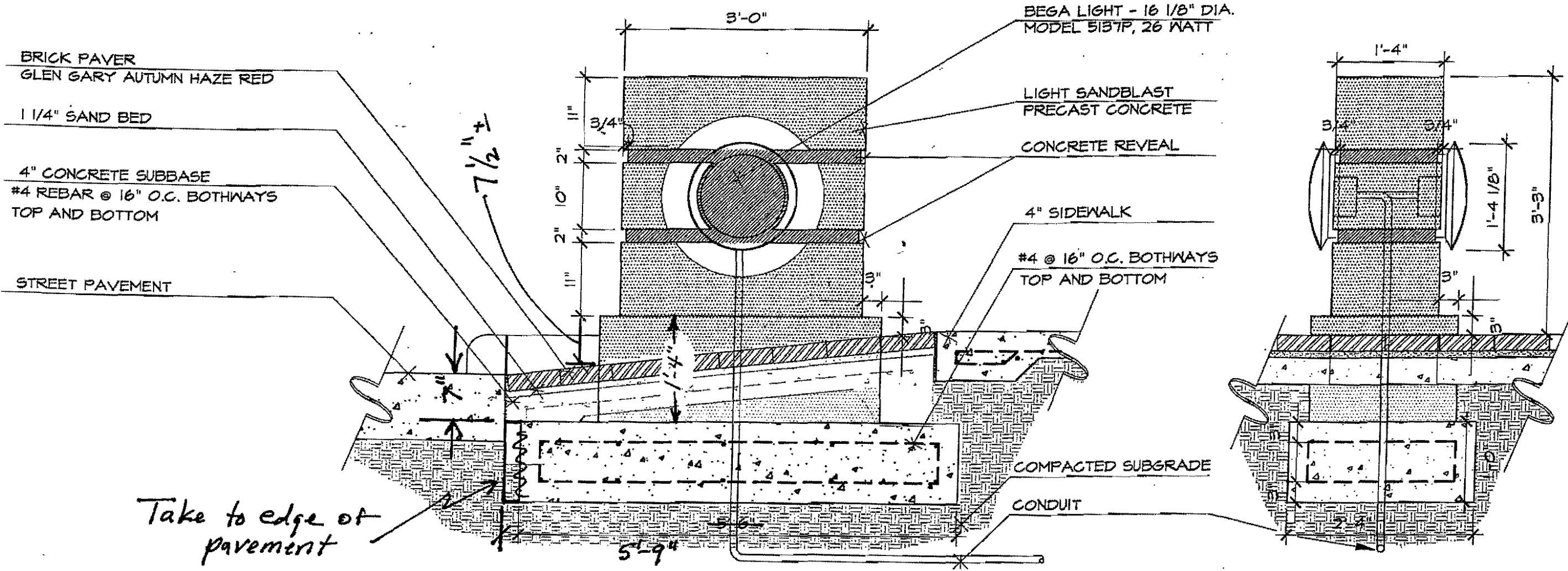
Comments: This is to request an update to  
the construction schedule for this project.  
Please have ready by the next project  
meeting, Feb 4<sup>th</sup>.

Thanks

Jim



PLAN



ELEVATION

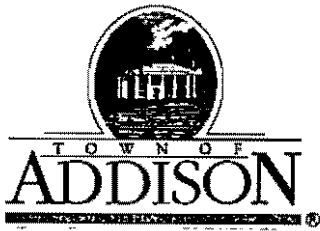
SIDE

*Decided in field:  
Foundation elevation  
to be set from pavement  
elevation.  
Jed*

*To Pat Rivera  
1-26-99  
Jed*

**(B) CUSTOM PRE-CAST CONCRETE BOLLARD**  
3/4"=1'-0"

CONTRACTOR MUST PROVIDE SHOP DRAWING ON THIS ITEM.



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

January 22, 1999

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

Re: Arapaho Road – Irrigation Controller

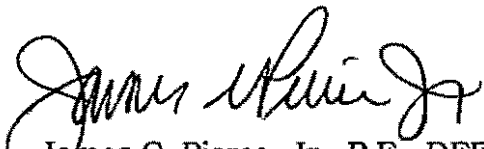
Dear Mr. Weber:

Sheet IR-2 and IR-3 of the plans call for a Rain Master 12-station controller. I do not believe I have received a shop drawing submittal on this item. We would like to upgrade this controller to a 24-station controller.

Please advise of the increase in cost to make this change.

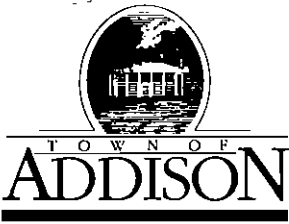
Very truly yours,

Town of Addison



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

Cc: Slade Strickland  
Ron Lee  
Dave Wilde



# LETTER OF TRANSMITTAL

## Public Works / Engineering

16801 Westgrove • P.O. Box 144

Addison, Texas 75001

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

DATE	1-22-99	JOB NO.
ATTENTION		
RE:	Arapaho Road	
Irrigation		

TO Pat Rivera  
Ed Bell Construction

### 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
3			Plans regarding irrigation of Areas A, B & C Areas adjacent to the project.

### 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 Areas A, B & C will be irrigated under a separate contract. To facilitate this work, one 2.5" sleeve under the Driveway @ Quorum Center is needed, and 2-2" conduit stub-outs are required for control wiring. This is to direct you to install these items by extension of existing quantities if necessary

COPY TO Robert Weber ✓  
Dave Wilde ✓  
Slade Strickland ✓  
Ron Lee ✓

SIGNED: [Signature]

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

LIMIT OF WORK - Addison Rd.

Install  
2" Conduit for  
control wiring

LIMIT OF WORK

BARRIER FREE RAMP TYP. B  
(SEE CIVIL SHEET P-14)  
EXISTING PAVERS (SEE CIVIL SHEET P-14)

ARAPAHO

Existing 1" meter and DCA

Area "A"

31'-8"

30'-4"

41'-10"

29'-7"

6'-1"

BARRIER FREE RAMP TYP. B  
(SEE CIVIL SHEET P-14)  
REFER TO LANDSCAPE  
SHEET (FL-1)

POINT OF BEGINNING  
STATION 43+00.00

POINT OF BEGINNING  
STATION 42+00.00

29'-5"

46'-1"

74'-5"

TELE  
MH

BARRIER FREE RAMP 1  
(SEE CIVIL SHEET P-14)

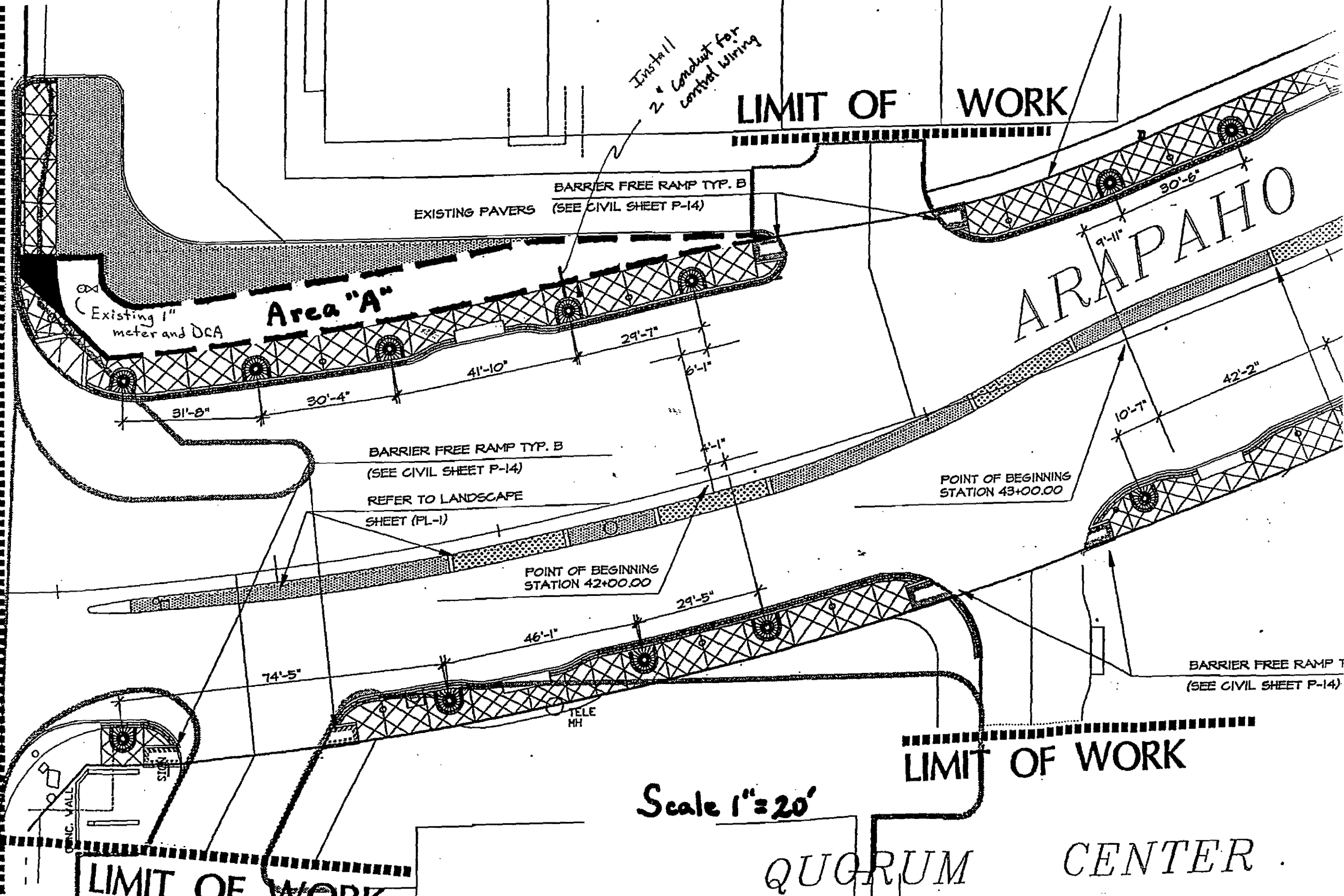
LIMIT OF WORK

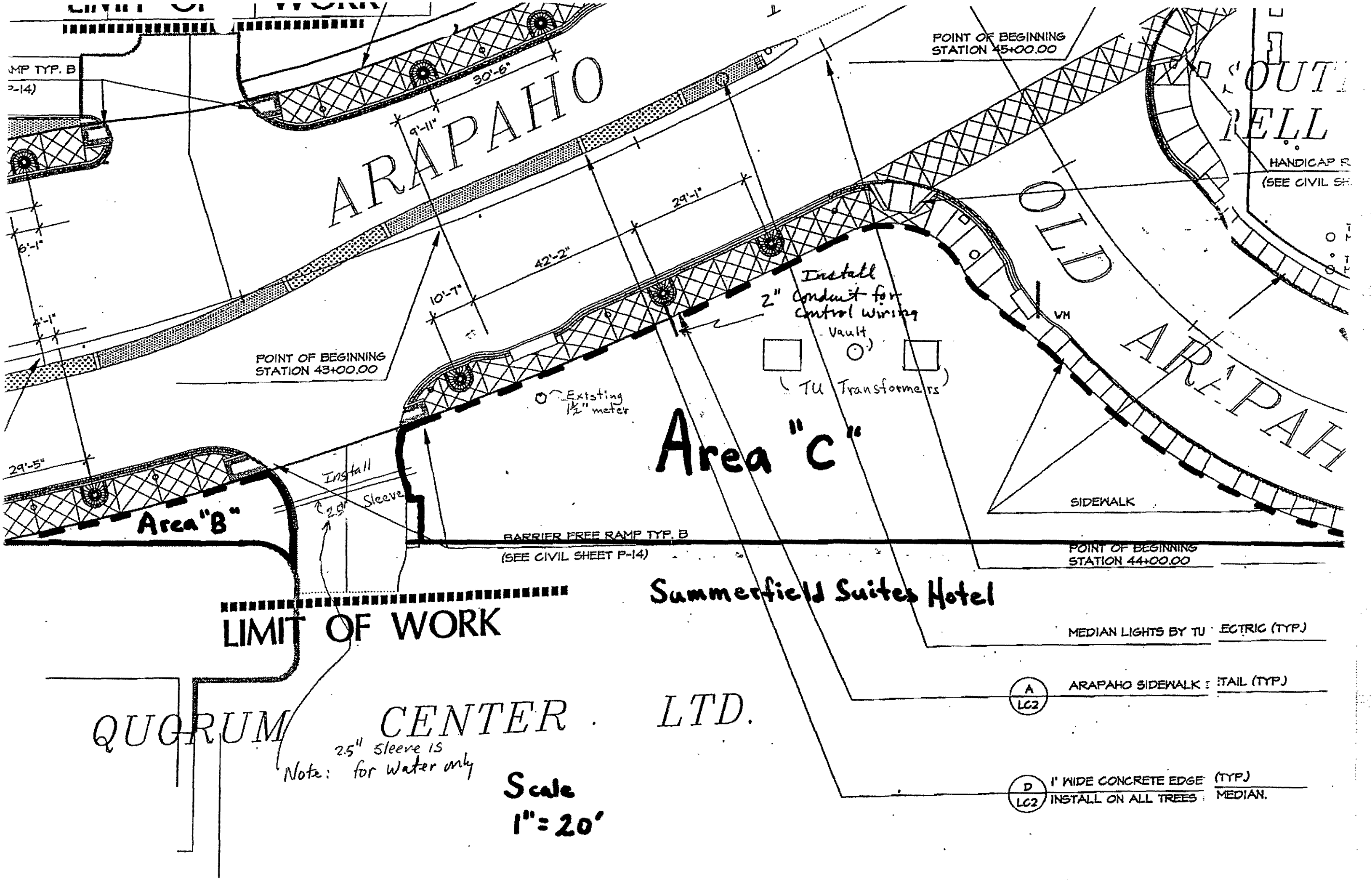
Scale 1" = 20'

LIMIT OF WORK

QUORUM

CENTER





POINT OF BEGINNING STATION 45+00.00

POINT OF BEGINNING STATION 43+00.00

POINT OF BEGINNING STATION 44+00.00

Install 2.5" Sleeve

Install 2" Conduit for Control Wiring - Vault  
 TU Transformers

Existing 1/2" meter

Area "C"

Area "B"

LIMIT OF WORK

Summerfield Suites Hotel

QUORUM

CENTER LTD.

Note: 2.5" sleeve is for water only

Scale 1" = 20'

MEDIAN LIGHTS BY TUBULAR ELECTRIC (TYP.)

(A) ARAPAHO SIDEWALK DETAIL (TYP.)  
 LC2

(D) 1' WIDE CONCRETE EDGE (TYP.)  
 LC2 INSTALL ON ALL TREES IN MEDIAN.



Arapaho Rd Const Meeting

1-21-99

Sign In Sheet

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Peier	Addison	972-450-2879
Dave Wilde	Addison	972/450-2847/2837
James P Rivera	ED Bell	214-507-4916

# Arapaho Rd Const Meeting

1-21-99

1. SW Bell Duct lowering along spectrum & Arapaho - Status -

Vault needs to be installed - will use a round MH in sidewalk.

athy wants to set up another meeting. Dave will call Greg Wood.

2. Signal poles - New pole set @ NE corner Addison & Arapaho.

All other poles staked. Need to be reviewed in field

Pole @ SW corner of Addison & Arapaho - will be verified by Shmick for location!

Mitch looked @ pole locations & OKed them

JCP check location of pole bases on west side

Get  
IM19 &  
Elec  
extras to  
Pat

29  
21  
30  
31  
1-21-99

Johnny says we need a 36"  $\phi$  pier for signal pole bases  
Plans show 30"  $\phi$

3. TU Electric -

Vault in sidewalk needs to be moved

Call Bobby

Called 1-21-99

Setting poles along Quorum

Call Bobby

Called 1-21-99

Bobby will follow up on both & above.

#### X 4. Strength Testing Status

5. MCI Box across Spectrum

Take Place This Weekend -

6. SWPPP Status - Millennium Encroachment  
✓ Dirt on Road

✓ 7. Tree diam conduit conflict @ Colonnade  
went underneath

✓ 8. Sawing & Sealing Status -

✓ 9. Sandblasting/Sawcutting Quorum Circle  
Cracks have been sealed

X 10. Traffic Switch - Status/Schedule  
Maintain access to Carr America

11. Potholes/Barricades

Cleaning

Wards "Beef Up"

✓ 12. Info on Tree Well drains on Quorum,  
and revised pedestrian light base  
locations given to Pat 1-13-99

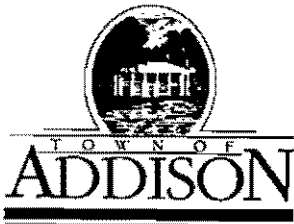
✓ 13. Pay Estimates - for materials on hand  
Working on policy

✓ 14. Copy of DART/Addison ILA given to  
Pat.

✓ 15. Upcoming work

16. Next Meeting 2 weeks - Feb 4<sup>th</sup>

- \* arm will hit one tree on Quorum (S. Side)
- \* Too close to RR on N. Side
- \* Look @ Signal pole SE Cor - is it there?



**Public Works / Engineering**

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

**LETTER OF TRANSMITTAL**

DATE	1-13-99	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Pat Rivera  
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
3			Plan (1"=20') showing proposed tree drains on Quorum Dr., North of Arapaho
3			Tree Well Plan (1/2"=1'-0") showing Tree Well Drain location on Quorum Drive
3			Plan (3/4"=1'-0") showing revised location for pedestrian light bases on Arapaho Rd.

**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** This is to direct you to install tree well drains on Quorum Drive (both sides) north of Arapaho Rd. Tree well drains shall be connected to the flow line of the inlets and carried at curb grade for drainage into the inlets. Drains shall be 5'-6" back of back of curb as shown. Existing unit prices shall be used to pay for the work and quantities shall be increased accordingly. Pedestrian light base locations shall be revised as shown (Arapaho Rd).

**COPY TO** Slade Strickland  
Dave Wilde  
Robert Weber

**SIGNED:** Jefilia

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

~~Diana McQuinn~~

1-12-99

~~Pat Rivera~~

Meeting with Pat Rivera in field  
How much drain is done?

are installed

Drains 4' off Bank of ~~road~~ <sup>curb</sup> to date

almost 5' back curb @ NW end

Hit sprinkler sleeves, see

Elect. Dist S Side ~~Drain~~ - ALERT

Eric has about 2 more weeks worth  
of true drain work

Arapaho / Meeting with  
Slade & Ron

1-8-99

Charge # of Stations of Controller

Depends on Irritech's design  
for the new irrigated areas



Need a sleeve across 5 Quorum  
Bldg driveway 4" (1 foot  
Cover  
min.)

Adding about 5 zones  
Say 6

Use photo cell control with  
timelock capability to control  
street lights.

\* Need a sleeve(s) for wiring for  
control valves

\* Research grading in front  
of Summerfield

# Arapaho Rd Const Meeting

1-7-98

## Sign In Sheet

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Peerie	Addison	972-450-2879
James P Rivera	E D Bell	214-507-4916
DAVE WILDE	Addison	972) 450-2847

... Continued 1-8-98

Jim Peerie	Addison	"
James P Rivera	ED Bell	"
Tim KEIERBEGER	MCL's	(214) 525-1074
JOHNNY HEINE	"	" " "
Dave Wilde	Addison	972) 450-2847



Arapaho Rd

1-7-99

Telcom from Tim Beidelman:

Arapaho/Spectrum — placing  
Handhold in our sidewalk area — needs OK

Easement for place <sup>on Carr America</sup> could take

6 weeks — 3½ width x 5'

Post in sidewalk —  
Center in sidewalk with Hatch @ sidewalk grade

Cost Trailers —

Pull a permit.

Dig on Addison Rd  
N. of Outback

Dave Wilde  
will expedite

1-5-99

**IMPORTANT MESSAGE**

FOR JIM PERCE

DATE 12/28/98 TIME 3:15 P.M.

MR BILLY BOB Biggs

OF PARADIGM TRAFFIC

PHONE 972 496-4211

AREA CODE      NUMBER      EXTENSION

FAX

MOBILE

AREA CODE      NUMBER      TIME TO CALL

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input checked="" type="checkbox"/>
CAME TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	RUSH	<input type="checkbox"/>
RETURNED YOUR CALL	<input type="checkbox"/>	WILL FAX TO YOU	<input type="checkbox"/>

MESSAGE \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

RL

SIGNED

**Tops** FORM 4009  
MADE IN U.S.A.

1-8-99 <sup>BBB</sup> Met with Charles Mitchell after 12/28 and resolved any problems. Billy Bob will get more details for me & call back.

callback: Mike, Steve, Keith — Auto scope vs peek controllers — Cameras are compatible — ~~But~~ auto scope & peek is not compatible. Trying to work out. Keith will call Mitch & discuss the above.

**Jim Pierce**

**To:** Bobby Inmon (E-mail); Joel Porter (E-mail)  
**Cc:** Jeanne Hooker (E-mail); Dave Wilde; John Baumgartner  
**Subject:** TU Electric Locates

I have been advised of 2 incidents where TU has not responded to locate requests in a timely fashion. One was a SWBell request and one was from Ed Bell Const. Also, we have a case where TU has a conduit underground that has never been located (S.E. corner Arapaho & Quorum) for Ed Bell. A subcontractor was trenching in the area and he discovered the conduit before any injury or damage was done. These situations are not only dangerous, but they are hindering our construction progress. Please advise me as to how we can get more timely and complete locates. Thanks, Jim.

Extra copy

Faxed & Mailed



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

January 6, 1999

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

Re: Arapaho Road – Signals at Addison Road

Dear Mr. Weber:

This is to respond to your letter of December 30, 1998 regarding a price for a temporary signal plan at Addison Road.


I am having difficulty understanding why additional money is needed for the work described. It seems to me that the signal pole on the northeast corner of the intersection (the one in question), would have to be moved, or replaced with the new pole, during the normal course of the work to complete the pavement at the intersection in Phase I. It also seems that temporary wiring would be needed to keep the signals in operation as a normal requirement of the project. How is this different?

It would also seem to me that setting the new pole would be the best thing to do now. Approved shop drawings for the new poles were sent to you on 9/4/98 so I assume they were ordered promptly and are on hand. If this is not the case please let me know. At my meeting with Mel's Electric on 11/13/98, Tim Keierleber stated he would look into setting the new pole. It now seems that the new poles are not on hand.

Based on all of the above, your request for additional money is denied. If you think it necessary and productive, I would be glad to meet with Mel's Electric and you as soon as possible to have more discussion.

Very truly yours,

Town of Addison

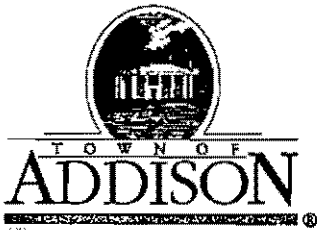
  
James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: John Baumgartner, Director of Public Works ✓

Dave Wilde ✓

Pat Rivera ✓

*Faxed & Mailed*



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

January 6, 1999

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

Re: Arapaho Road – Signals at Addison Road

Dear Mr. Weber:

This is to respond to your letter of December 30, 1998 regarding a price for a temporary signal plan at Addison Road.


I am having difficulty understanding why additional money is needed for the work described. It seems to me that the signal pole on the northeast corner of the intersection (the one in question), would have to be moved, or replaced with the new pole, during the normal course of the work to complete the pavement at the intersection in Phase I. It also seems that temporary wiring would be needed to keep the signals in operation as a normal requirement of the project. How is this different?

It would also seem to me that setting the new pole would be the best thing to do now. Approved shop drawings for the new poles were sent to you on 9/4/98 so I assume they were ordered promptly and are on hand. If this is not the case please let me know. At my meeting with Mel's Electric on 11/13/98, Tim Keierleber stated he would look into setting the new pole. It now seems that the new poles are not on hand.

Based on all of the above, your request for additional money is denied. If you think it necessary and productive, I would be glad to meet with Mel's Electric and you as soon as possible to have more discussion.

Very truly yours,

Town of Addison

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

cc: John Baumgartner, Director of Public Works ✓

*Dave Wilde ✓*

*Pat Rivera ✓*

**ED BELL CONSTRUCTION COMPANY**

POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-0787

10605 HARRY HINES  
DALLAS, TEXAS 75220

December 30, 1998

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	1-4-99	# of pages	1
To	Ken Roberts	From	Jim Pierce		
Co./Dept.	Huitt-Zollars	Co.	Addison		
Phone #		Phone #			
Fax #	214-871-0757	Fax #			

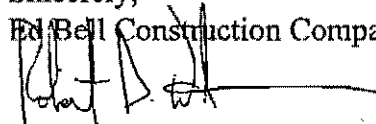
Re: Arapaho Road Reconstruction  
Addison Road to Dallas North Tollway  
Town of Addison

Dear Mr. Pierce:

It is our understanding that our electrical subcontractor has discussed a revised temporary signal plan for the traffic signal at the intersection of Arapaho Road and Addison Road with representatives from the Town of Addison. This plan includes moving the existing signal pole in the northeast corner of the intersection from the old foundation to the new foundation and rewiring the intersection so that phase 1 paving can be completed. Our lump sum price for this work is \$8,125.00. This work will require that an additional two calendar days be added to the contract. Please inform our office of your decision regarding this issue. The signal wires and pole need to be rerouted immediately, so that we can complete phase 1 paving when TU Electric completes their pole removal.

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 COMPANY**POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-078710605 HARRY HINES  
DALLAS, TEXAS 75220

December 30, 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 our electrical subcontractor has discussed a revised temporary signal plan for the traffic signal at the intersection of Arapaho Road and Addison Road with representatives from the Town of Addison. This plan includes moving the existing signal pole in the northeast corner of the intersection from the old foundation to the new foundation and rewiring the intersection so that phase 1 paving can be completed. Our lump sum price for this work is \$8,125.00. This work will require that an additional two calendar days be added to the contract. Please inform our office of your decision regarding this issue. The signal wires and pole need to be rerouted immediately, so that we can complete phase 1 paving when TU Electric completes their pole removal.

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

**Jim Pierce**

**From:** Jim Pierce  
**Sent:** Wednesday, January 06, 1999 3:52 PM  
**To:** Joel Porter (E-mail)  
**Cc:** Bobby Inmon (E-mail); Slade Strickland; Ron Davis; Mitchell  
**Subject:** Electric Meters @ N.E. Corner Arapaho & Quorum, 15400 Quorum Drive

Meter A shall serve the traffic signals

Meter B shall serve the Irrigation controller and the Pedestrian Street Lights

Jim.

*cc to Pat for Mel's Electric ✓*



**Jim Pierce**

**From:** Ron Lee  
**Sent:** Tuesday, January 05, 1999 4:52 PM  
**To:** Dave Wilde  
**Cc:** Jim Pierce  
**Subject:** Summerfield Suites trees

I talked with Slade and he and I both agree the trees along the roadway will have to be removed to accomodate the grade work. The contractor/ Town will have to coordinate with Summerfield Suites to notify them of the work and to revamp the irrigation system that will be impacted. I believe that they have a row of heads along the existing sidewalk. New trees will have to be planted to compensate for those that will be lost. Slade and I both feel that Red Oaks as a replacement would be better as they would correspond to our streetscape plantings.

**Ron Lee**

*New Trees planted as part of this work?*

*Landscape plan*

*Irrig plan*

Post-it® Fax Note	7671	Date	1-4-99	# of pages ▶	1
To	Ken Roberts		From	Jim Pierce	
Co./Dept.	Huitt-Zollars		Co.	Addison	
Phone #			Phone #		
Fax #	214-871-0757		Fax #		

January 6, 1999

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

Re: Arapaho Road – Signals at Addison Road

Dear Mr. Weber:

This is to respond to your letter of December 30, 1998 regarding a price for a temporary signal plan at Addison Road.

I am having difficulty understanding why additional money is needed for the work described. It seems to me that the signal pole on the northeast corner of the intersection (the one in question), would have to be moved, or replaced with the new pole, during the normal course of the work to complete the pavement at the intersection in Phase I. It also seems that temporary wiring would be needed to keep the signals in operation as a normal requirement of the project. How is this different?

It would also seem to me that setting the new pole would be the best thing to do now. Approved shop drawings for the new poles were sent to you on 9/4/98 so I assume they were ordered promptly and are on hand. If this is not the case please let me know. At my meeting with Mel's Electric on 11/13/98, Tim Keierleber stated he would look into setting the new pole. I have not heard back from him on that.

I suggest a meeting with Mel's Electric and you as soon as possible so I can better understand why this work is outside of our contract

Ken- This is what I want  
 to send. Please call

Jim  
 1-5-99

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Robert Weber

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

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 1-6-99

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

# of pages (including cover): 1

Re: Arapaho Rd Tree Drains

- Original in mail       Per your request       FYI       Call me

Comments: This is to direct Ed Bell Const. and  
their subcontractor, to install tree drains  
to serve the new trees to be planted  
on both sides of Quorum Drive, North  
of the new Arapaho Rd. Intersection.  
This work shall be done using the  
current unit prices in the contract.

Please call if you have any questions

*James C. Pierce, Jr.*

cc Dave Wilde ✓  
Pat Rivera ✓



165' Linear footage of  
170 Pipe  

---

335 Say 340 LF. (both sides)

12 trees @ 8' perf pipe/tree = 96 LF

4" perf drain @ \$17 x 96 LF = \$1,632

4" PVC @ \$15 x 240 LF = 3600

~~\$400\*~~

(2) connect to Inlet @ 200

---

\$5,632

add! cost for tree drains  
on Quorum

\* we don't have an item for this

**Jim Pierce**

**From:** Ron Lee  
**Sent:** Tuesday, December 29, 1998 12:42 PM  
**To:** Jim Pierce  
**Cc:** Slade Strickland  
**Subject:** Arapaho irrigation additions

Approx. sq. ftg. is 15,730. I have a call into the Rainmaster supplier to get the price differential between the 12 station specified and the 24 station needed. Get it to you as soon as I get it.

*Ron Lee*

**Jim Pierce**

**From:** Ron Lee  
**Sent:** Thursday, December 31, 1998 7:45 AM  
**To:** Jim Pierce  
**Cc:** Slade Strickland  
**Subject:** Arapaho irrigation

The difference in cost between the Rainmaster 12-station and 24-station controller is \$805.00. This is retail cost and the city gets 40% off of this; a contractor should get at least 30%. Since the controller installation was part of the original scope of service, I believe that the only increase in cost should be the price of the controller. Jim, this will give you a base to see if the contractor is trying to gouge us.

*Ron Lee*

**ED BELL CONSTRUCTION COMPANY**POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-078710605 HARRY HINES  
DALLAS, TEXAS 75220

December 29, 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:

Our electrical subcontractor has proposed a change to the BEGA light pole foundation detail shown on plan sheet LC-4. They have proposed constructing the top portion of the light pole foundation as a 24" by 24" square rather than the 14" circle shown on detail A. The top of the base will have 3/4" chamfer edges and the top of the foundation will be three inches above the top of the proposed sidewalk or brick pavers. Please inform our office of your decision regarding this proposal.

If you have any questions, 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

*Faxed*

December 29, 1998

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

*To Robert Weber  
from Jim Pierce*

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

Dear Mr. Pierce:

Our electrical subcontractor has proposed a change to the BEGA light pole foundation detail shown on plan sheet LC-4. They have proposed constructing the top portion of the light pole foundation as a 24" by 24" square rather than the 14" circle shown on detail A. The top of the base will have 3/4" chamfer edges and the top of the foundation will be three inches above the top of the proposed sidewalk or brick pavers. Please inform our office of your decision regarding this proposal.

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

Sincerely,  
Ed Bell Construction Company

*[Signature]*  
Robert D. Weber  
Project Engineer

*Approved as Noted:*

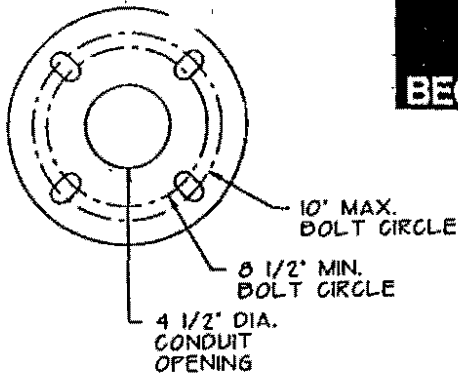
*Circular foundation is 22" dia  
in Detail A, Sheet LC-4. This*

*dimension to remain the same. Top of foundation  
shall be a minimum of 4" above top of sidewalk  
or brick pavers.*

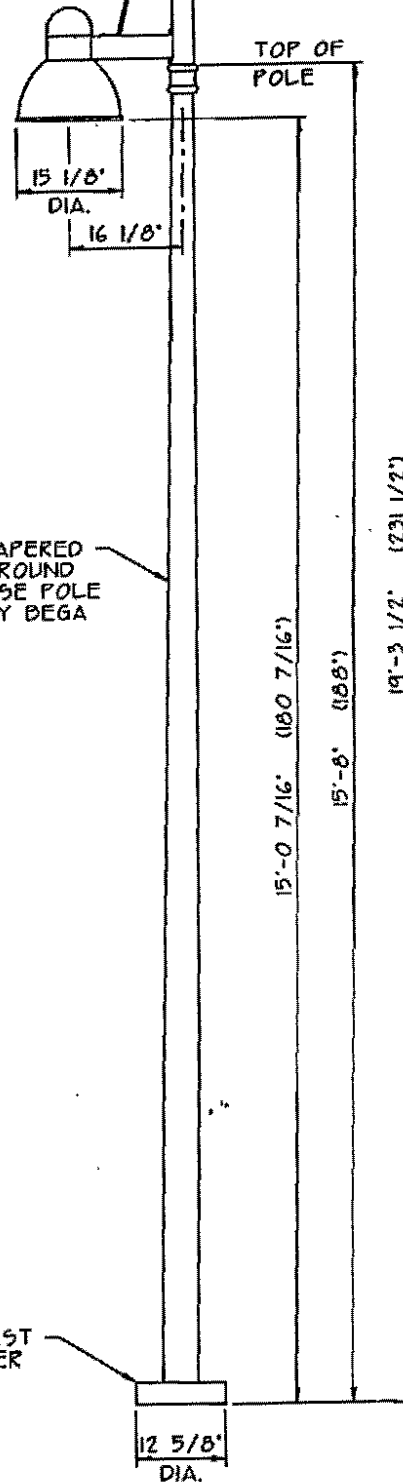
*[Signature]*  
1-5-99

cc Dave Wilde ✓  
Slade Strickland ✓  
Pat Rivera ✓

**BEGA**



BASE DETAIL



**FIXTURE SPECIFICATIONS:**

ALL DIE CAST ALUMINUM CONSTRUCTION WITH ONE-PIECE CAST ARM AND SPUN ALUMINUM REFLECTOR. TEMPERED GLASS AND SILICONE 'O'-RING GASKETING ALL FASTENERS ARE STAINLESS STEEL THREADED INTO STAINLESS STEEL INSERTS. PORCELAIN, NICKEL PLATED SCREW BASE LAMPHOLDER. FIXTURE AND POLE ARE SUBJECT TO BEGA'S STANDARD WARRANTY TERMS (2 YRS).

**NOTES:**

- ✓ 1. LUMINAIRE #980IMH MOD - SEE SPECIFICATIONS.
- ✓ 2. 175W 240v (-20°F) MH BALLAST LOCATED IN POLE BASE ON REMOVABLE TRAY.
- ✓ 3. (1) 175W ED17 MH LAMP (BY OTHERS).
- 4. IN-LINE FUSE (BY OTHERS).
- 5. CLEAR TEMPERED GLASS LENS.
- 6. SEE POLE DATA SHEET FOR ANCHORAGE INFORMATION.
- 7. SEE POLE MANUFACTURING LETTER FOR CERTIFICATION INFORMATION.
- 8. BLACK FINISH (DEGA 8 STEP PAINT FINISH).

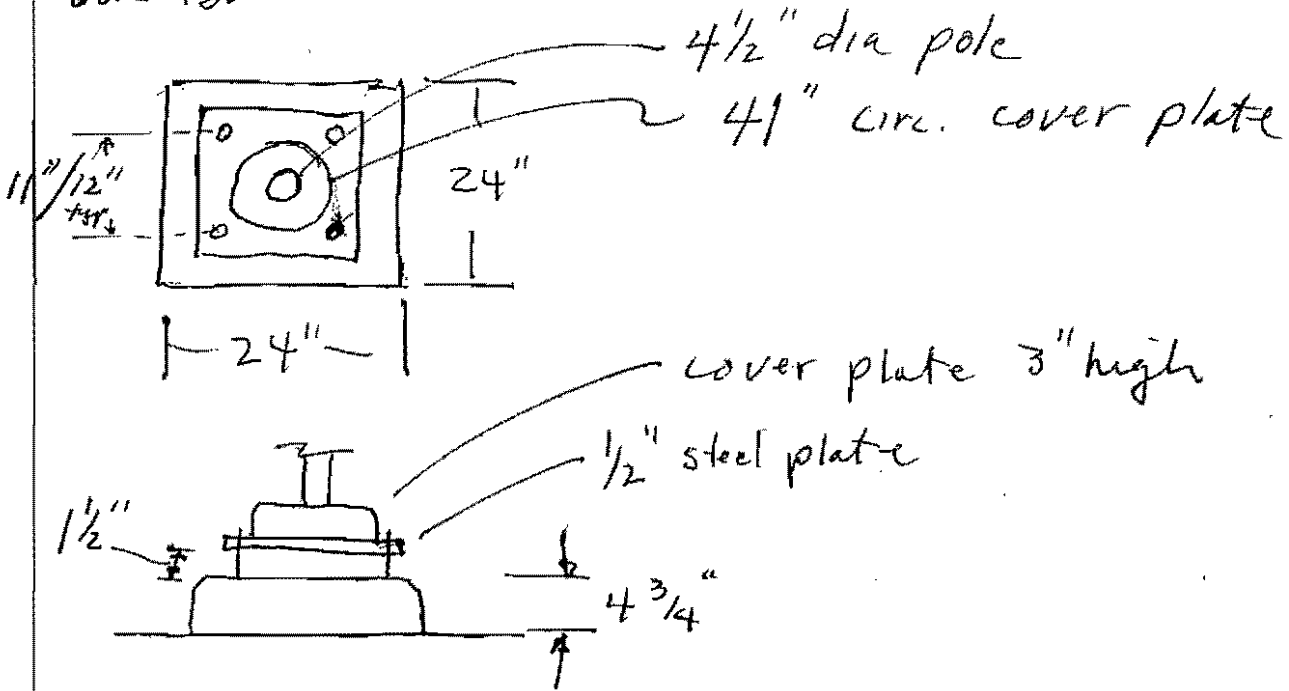
			CAT NO:	980IMH MOD TO 175W MH
			PROJECT:	ADDISON CIRCLE
			LOCATION:	ADDISON, TEXAS
			DRAWN BY:	JAM
			DATE:	24.JUL.97
REV.	DATE	DESCRIPTION		

**BEGA**

*Approved by Stale Strickland*



Addison Arch Phase I



One light w/o Base plate      24" x 24" Base  
 Bolts on 7" square pattern  
 No steel Base plate

TU Cobra Street lights      24" diameter  
 Circ. 78"  
 Square bolt pattern @ 7 1/2"  
 Pedestal 4 1/2" high

TU Schock street light  
 circ 77"

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





*Jim,  
Jeri's Assistant  
Slade  
12-30*

December 29, 1998

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

Re: Arapaho Road

Dear Mr. Strickland:

This memo is in response to an observation made by Bill Millsap and me concerning the intersection of Arapaho Road and Quorum Drive. The roadway was poured to a smooth finish, which can create a driving hazard and possibly a potential liability for the City. You are probably aware of the situation already; however, MESA Design would be remiss if we did not bring this situation to your attention.

It is our recommendation that this area be sandblasted to a finish that would eliminate this potential hazard as soon as possible.

If I can be of any further assistance, please do not hesitate to call.

Sincerely,  
MESA DESIGN GROUP

*Cliff Goff / the*  
Cliff Goff  
Associate

Arapaho Rd Const Meeting 12-17-98

✓ 1. Saturdays Pot hole repair event  
Letter - No "progress" with Mastee  
No UPM on the job yet  
Pat will talk to Rob

2. SW Bell - Lowering Duct Bank on Arapaho  
@ Carr America

\* Need a SW Bell inspector

✓ 3. MCI - will bore across Spectrum in  
January 6th?

✓ 4. TU - Guywire moved, Light standard moved.

✓ 5. SW PPP - Copy of Plan  
Yye inlet protection - Silt fence  
as per plan  
add East side of  
the channel

✓ 6. Tree Drains - in progress

✓ 7. Sowed Joints - 11-10-Letter - all  
joints checked & sowed to T/4  
add a cut on Circle

Deduction

✓ 8. New inlets not draining the street  
Pat will check grades @ Quorum & Arap  
NE Quadrant -

✓ 9. Strength testing  
Need more cores

Depth Testing

10. Dallas ILA agreement - Copy given to  
Pat. CC for Robert Weber.

11. N. TX Bourmanite - Preparing work in  
Arapaho Rd / Quorum circle for  
concrete pour - Pour Friday  
will sandblast new concrete -

Next Meeting Jan 7<sup>th</sup>

We look ahead  
Next meeting

12-15-98

## Arapaho Rd

On 12-15-98 Ron Lee, Cliff Goff, Pat Rivera, and Jim Peirce met at the site to observe the installation of the tree drains. The Mastec drain installation foreman was also there.

The following items were discussed:

1. Cliff Goff approved the pipe being used for the installation.
2. Jim Peirce expressed concern that the weight of the tree ball could crush the perforated drain pipe if the gravel around the drain pipe was not compacted. Cliff Goff stated he would instruct Hawkins to compact the gravel around the tree drain pipe before placing the trees. With compaction, the drain pipe should receive side support, preventing crushing.
3. Mastec will install the tree drains a little closer to the

Carb line to allow Hawkins  
more room to work when installing  
the tree sumps.

4. Cliff Goff stated the filter fabric  
shown lining the tree well  
above the gravel level is not  
needed, and in fact could cause  
the roots to ball up. Cliff Goff  
will instruct Hawkins to eliminate  
this fabric. Fabric will be used  
in all other areas (surrounding  
all gravel). Reference Sheet PL-7.  
In addition, a filter fabric sleeve needs to be  
used over the perforated pipe itself, per TOA  
and Cliff Goff.
5. Did not look at any actual tree drain installation  
either in progress or already installed.

Jeffrey  
12-21-98

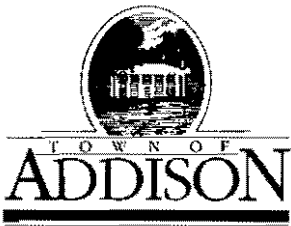
cc Slade  
Ren  
Dave

Arapaho Rd Const Meeting

12-17-98

Sign In Sheet

<u>Name</u>	<u>Company</u>	<u>Phone</u>
John Pierce	Addison	972-450-2879
Fred Dailly	N. TX. BOMANITE	972-484-8465
James P Rivera	ED BELL	<del>972</del> 214-507-4916
Dave Wilds	ADDISON	972) 450-2847/2837



# LETTER OF TRANSMITTAL

**Public Works / Engineering**

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

DATE	12-17-98	JOB NO.	
ATTENTION			
RE:	Arapaho Road		

TO Robert Weber  
Ed Bell Const

**GENTLEMAN:**

**WE ARE SENDING YOU**

- |   |                                       |                                   |  |
|---|---------------------------------------|-----------------------------------|--|
| <input type="checkbox"/> Shop Drawings  | <input type="checkbox"/> Prints       | <input type="checkbox"/> Attached | <input type="checkbox"/> Under separate cover via _____ the following items: |
| <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			Dallas / Addison Interlocal Agreement Arapaho / Toll Rd Intersection

**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 Pat Rivera has a copy of this

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

SIGNED: Jim Lewis

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



TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Tim Beidelman

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

Company: SW Bell

FAX #: 972-234-7062

Date: 12-16-98

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

# of pages (including cover): 2

Re: Appaho Rd / Addison Rd / SW Bell Relocate

- Original in mail       Per your request       FYI       Call me

Comments: Plan showing area of  
concern re relocating pedestal.  
as per my voice mail message.

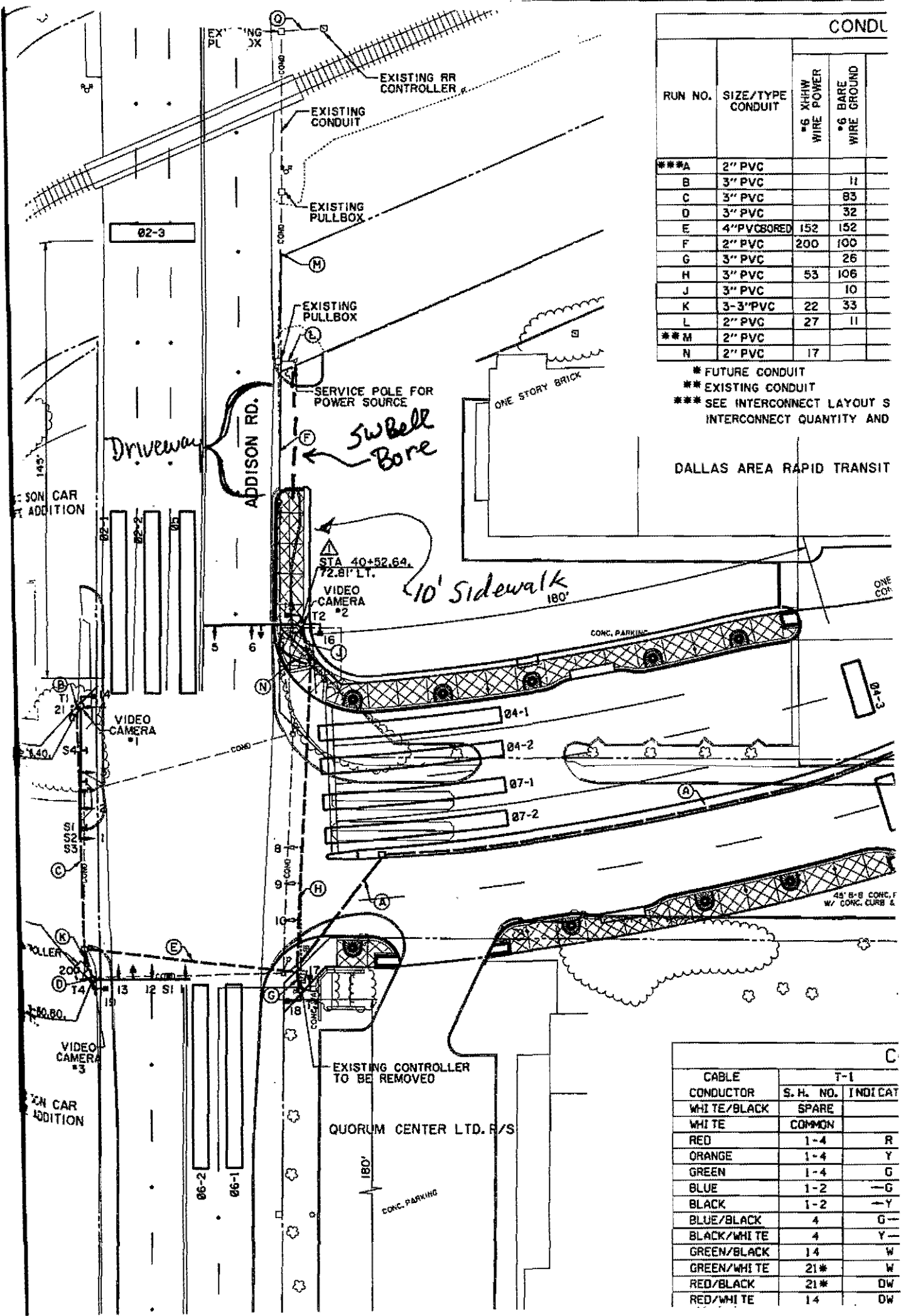
*Jim*

CONDUIT

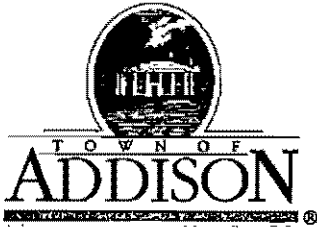
RUN NO.	SIZE/TYPE CONDUIT	WIRE POWER	
		#6 XHHW	#6 BARE
***A	2" PVC		
B	3" PVC		11
C	3" PVC		83
D	3" PVC		32
E	4" PVC BORED	152	152
F	2" PVC	200	100
G	3" PVC		26
H	3" PVC	53	106
J	3" PVC		10
K	3-3" PVC	22	33
L	2" PVC	27	11
***M	2" PVC		
N	2" PVC	17	

\* FUTURE CONDUIT  
 \*\* EXISTING CONDUIT  
 \*\*\* SEE INTERCONNECT LAYOUT S INTERCONNECT QUANTITY AND

DALLAS AREA RAPID TRANSIT



CABLE CONDUCTOR	T-1	
	S. H. NO.	INDICAT
WHITE/BLACK	SPARE	
WHITE	COMMON	
RED	1-4	R
ORANGE	1-4	Y
GREEN	1-4	G
BLUE	1-2	-G
BLACK	1-2	-Y
BLUE/BLACK	4	G-
BLACK/WHITE	4	Y-
GREEN/BLACK	14	W
GREEN/WHITE	21*	W
RED/BLACK	21*	DW
RED/WHITE	14	DW



**PUBLIC WORKS DEPARTMENT**

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

December 14, 1998

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

Re: Arapaho Road Pothole Repair

Dear Mr. Weber:

This is to document four instances that Town crews have had to respond and repair potholes that developed at utility cuts on the Arapaho Road Project:

11/13/98 Daytime, Al 3.75 hours, Jeff 0.75 hours, 1 dump truck, 3 tons UPM  
Nighttime, Robert 3.0 hours, 1 backhoe

12/10/98 Al 0.5 hours, Jeff 0.5 hours, 1 pickup truck, 2 pans UPM

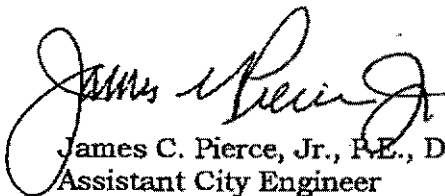
12/12/98 (Saturday) Jim 3 hours, Dave 4 hours, 1 pickup truck, ½ ton UPM

Your new superintendent, Pat Rivera, was part of the crew that worked on this past Saturday. I believe Pat now has a complete understanding of our problems. Pat has indicated to me that he is willing to take care of this problem once and for all through surveillance, proper plating and keeping up with the repairs needed before serious problems develop.

If this is the case, and if the Town does not have to respond to repair potholes on this project in the future, then the Town is willing to forgo charges to Ed Bell Construction for the above responses. If this is not the case, and the Town does have to respond, charges for all past and future events will be assessed.

Very truly yours,

Town of Addison

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

cc: John Baumgartner, Director of Public Works

cc Robin  
Dave

Reference  
10/28/98  
letter

P.O. Box 28321  
Dallas, Texas 75228

Phone: 972-406-8877  
Fax: 972-406-2800

**Specialty Contracting  
Services, Inc.**

# Fax

**To:** James Pierce

**From:** Terry Maitland

Town of Addison

**Fax:** 972-450-2837

**Date:** December 9, 1998

**Phone:** 972-450-2879

**Pages:**

**Re:** Arapaho/Quorum Intersection

Pavement Cracks

James

Our company has been employed by North Texas Bomanite to repair cracks in the above referenced project. We had incorrectly sent to NTB MSDS sheet when we should have sent Product Data sheets for our Epoxy Injection Resin R-303. We regret any inconvenience this may have caused the Town of Addison or North Texas Bomanite. With this cover, I am sending Product Data Sheets on R-303 which we have proposed to use on this project. Our company has successfully performed epoxy injection projects since our inception (1978) and have the full utilization of the technical staff of the manufacturer. Most of your concerns that you stated on your fax to NTB on 12/8/98 are addressed in these data sheets. If we can be of further assistance to you, do not hesitate to call me at 972-406-8877.

Thanks

Terry

12-15-98 Meet Terry Maitland & Andy Cook @ Arapaho & Quorum. Showed them the cracks. They can repair without drilling plastic injection ports & sandblast will remove most traces of the repair. The crack will always be visible, but it will be bonded. They suggested another saw cut in the pavement.

# RICHMOND R-303

## Injection Resin

### DESCRIPTION

**Basic Use:** RICHMOND R-303 is a two-component epoxy injection resin system designed to structurally rebond cracks, delaminations and hollow planes in concrete surfaces. RICHMOND R-303 will restore the structural integrity of concrete by penetrating the crack and developing a high strength bond when fully cured. This allows for the normal transfer of loads designed into the original structure. RICHMOND R-303 is capable of penetration and performance in concrete cracks and separations from 5 to 250 mils in thickness. RICHMOND R-303 is insensitive to the presence of moisture and can be injected underwater and/or pumped against a head of water.

**Composition and Material:** RICHMOND R-303 is a low viscosity, two-component epoxy injection resin system. It is a 100% solids material and will not shrink after curing.

**Sizes:** RICHMOND R-303 is packaged in 5 and 1 gallon (U.S.) units. Each container is clearly marked with the component designation ("A" or "B") and proper mixture ratio. Label includes application instructions and manufacturer's name and address.

**Applicable Standards:** RICHMOND R-303 has USDA approval for "incidental food contact". RICHMOND R-303 conforms to ASTM-C-881-90 (Type I and IV, Grade 1, Class A through E).

**Limitations:** RICHMOND R-303 injection resin is designed for use with Richmond Injection Equipment or other 4:1 ratio machines. Complete instructions regarding application equipment are available on request from a Richmond representative.

### TECHNICAL DATA

RICHMOND R-303 is a low viscosity, two-component epoxy injection resin system that must be mixed carefully and thoroughly. Improper or careless mixing will reduce product performance significantly. Each component should be examined for settling of contents and stirred separately to an even consistency. Be careful not to inadvertently mix the two components. The two components are premeasured to the correct ratio and are designed to react completely. Never deviate from the specified mixing ratio. Richmond Injection Equipment is designed to meter the material at the specified mixing ratio.

**Properties:** RICHMOND R-303 compressive strength is 12,220 psi at 7 days, tested according to ASTM-C-109. RICHMOND R-303 bond strength (slant shear) is 7,380 psi at 7 days, tested according to AASHTO-T-237. RICHMOND R-303 tensile strength is 6,970 psi at 7 days, tested according to ASTM-D-638. Elongation is recorded as 1.6% with a modulus of elasticity of 444,800 psi.

PHYSICAL PROPERTIES			
Property	Unmixed		Mixed
	Resin	Catalyst	
Weight/Gal.	9.15 ± .1	8.2 ± .1	9.15 ± .1
Viscosity (cps)	500-700	120-160	275-350
Specific Gravity (gr/cc)	1.13 ± .012	.98 ± .012	1.1 ± .012
Color	Straw	Dark Straw	Straw
Mixing Ratio by Weight	80%	20%	100%
Mixing Ratio by Volume	78%	22%	100%
Shelf Life	2 years	2 years	
Solids by Weight			100%
Pot Life (200 gm mass @ 77F)			12-15 minutes

**RICHMOND**

3 CONCRETE  
Concrete Rehabilitation



## APPLICATION

**Maintenance:** To prevent contamination by moisture, containers should be closed and properly stored. Protect from temperature extremes.

**Preparatory Work:** For maximum product performance, RICHMOND R-303 should be applied to a properly prepared concrete surface. Recommendations include:

1. The area surrounding the crack should be free of old coatings, oil, grease, dirt and other contaminants.
2. Small cracks should be drilled with hollow core bit and vacuum chuck. Large cracks should be slotted.
3. Injection ports should be approved devices spaced at intervals of approximately 6".
4. The crack surface and area surrounding the injection ports should be sealed with Richmond R-306 or Richmond R-616.

**Methods:** RICHMOND R-303 should be applied as follows:

1. RICHMOND R-303 should not be mixed with other chemicals or altered in any way. Place components "A" and "B" in Richmond Injection Equipment tanks.
2. RICHMOND R-303 should be applied with Richmond Injection Equipment at a nozzle pressure of 25-50 psi.
3. Cracks will accept the injection resin at different rates depending on width, depth and other variations in the crack structure.
4. Allow injected crack to thoroughly cure. Remove injection ports, dress and clean the crack surface.
5. Do not pour unused chemical back into open containers. Clean equipment and tools immediately with xylene or other solvent.

**Rates for Application:** RICHMOND R-303 should be applied with Richmond Injection Equipment. Cracks will accept the injection resin at different rates depending on width, depth and other variations in the crack structure.

Unusual applications or conditions may require the technical assistance of a Richmond representative.

**Precautions:** It is mandatory that the user take the following precautionary actions to protect workers and the public:

1. KEEP OUT OF THE REACH OF CHILDREN.
2. Avoid Inhalation of vapors. Ensure adequate ventilation.
3. Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water.
4. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs.
5. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

## TECHNICAL SERVICES

Technical assistance can be obtained by contacting:

Richmond Screw Anchor Company  
7214 Gums Street  
Fort Worth, Texas 76118  
817-284-4981  
FAX 817.284.4504

## WARRANTY

*Richmond Screw Anchor Company warrants that this product will be free from defects and will perform as represented in writing provided application of product is in accordance with manufacturer's recommendations and application instructions. Richmond Screw Anchor Company will refund the purchase price of any product proven defective, but shall in no way be liable for indirect, consequential, special or resultant damages, whether due to breach of warranty or negligence. Richmond Screw Anchor Company makes no guarantee or warranty, express or implied, including, without limitation, warranties of fitness or merchantability, with respect to this product.*

DISTRIBUTED BY

12-14-98

11-13-98

3 Tons UPM

Al 3.75 hr

Jeff .75 hr.

1 Dump Truck

Robert L. 3.0 hr.  
Night

1 Back-hoe.

12-10-98

100 labor

Al .50 hr

Jeff .50 hr.

2 buckets UPM

\$75/hr

\$100/hr Police dispatcher

75/Ton UPM

**Jim Pierce**

**From:** Dave Wilde  
**Sent:** Friday, December 11, 1998 4:44 PM  
**To:** Jim Pierce; Slade Strickland; Ron Lee  
**Subject:** RE: Arapaho Road Tree Wells

I will put it on my calendar, I'm assuming it's 3:30 PM. See you there.

*Dave Wilde, PWI - 2847*

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

**From:** Jim Pierce  
**Sent:** Friday, December 11, 1998 2:59 PM  
**To:** Slade Strickland; Ron Lee; Dave Wilde  
**Subject:** RE: Arapaho Road Tree Wells

I have a conflict and cannot attend. Dave Wilde should be able to attend – Dave, let me know if you can't. Jim.

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

**From:** Slade Strickland  
**Sent:** Friday, December 11, 1998 7:40 AM  
**To:** Jim Pierce; Ron Lee; Dave Wilde  
**Subject:** Arapaho Road Tree Wells

I set up a meeting with Chris Goff (Mesa Design Group) to inspect the tree well drainage work between Quorum Drive and Addison Road on Monday, Dec. 14 at 3:30. Ron, please be prepared to take photos. thanks

*Slade Strickland, Director of Parks and Recreation  
Town of Addison, Texas  
Direct Office 972.450.2869 ~ Fax 972.450.2834*



<b>TRANSMITTAL MEMORANDUM</b>		DATE <b>12-7</b>
TO: <b>JIM PIERCE</b>	DEPT.	
FROM: <b>JOEL RENAUDO</b>	DEPT.	
<input type="checkbox"/> Investigate and Report <input type="checkbox"/> Per Your Request <input type="checkbox"/> Take Appropriate Action <input type="checkbox"/> For Your Information <input type="checkbox"/> See Me <input checked="" type="checkbox"/> File <input type="checkbox"/> Prepare Reply for my Signature <input type="checkbox"/> Your Recommendation <input type="checkbox"/> Read and Return <input type="checkbox"/> Request Approved <input type="checkbox"/> For Your Approval <input type="checkbox"/> Request Denied <input type="checkbox"/> Attach File and Return <input type="checkbox"/> Signature		
COMMENTS: <b>HERE'S AN ORIGINAL OF THE EXECUTED</b> <b>ILA. GIVE ME AT LEAST TWO WEEKS</b> <b>NOTICE BEFORE YOU NEED OUR CREWS AT THE</b> <b>INTERSECTION.</b>		

Arapaho

12-10-98

Called Pat Rviera @ 3:05 PM re  
potholes that opened up on arapaho.  
He will call E.L. Dalton (master) and try to get them out. Otherwise, he will have to do it himself.

Also discussed apparent low spot  
in Arapaho/Quorum intersection.

We agreed to meet in the AM in  
the field

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Bill Millsap

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

Company: MESA

FAX #: 214-871-1507

Date: 12-10-98

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

# of pages (including cover): 1

cc: Slade Strickland  
Dave Wilde  
Rob Weber

Re: Arapaho Rd Tree Drains

- Original in mail       Per your request       FYI       Call me

Comments: The following pipe materials are being used for the tree undrains: The perforated pipe in the tree wells is "4" PVC Sewer & Drain, Crush Resistant, ASTM D2729 Performance " Between tree wells, the pipe being used is "4" PVC, Cantex PVC, 1120 Schedule 40, 220 psi @ 73° F, ASTM D-1785, NSF PW." The above is the markings on the pipe. I am a little concerned with the strength of the perforated pipe. It will have quite a load on it from the tree ball. If it is backfilled and compacted properly, it should be OK. But Hawkins will "disturb" this pipe when he puts in the 12"x36" tree well sump. As I see it, Hawkins will be responsible for installation so the perforated pipe does not get crushed.

Jim

TOWN OF  
**ADDISON**

*Fixed*  
*Robert Weber 214-352-3201*

**PUBLIC WORKS**

To: Bill Millap

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

Company: MESA

FAX #: 214-871-1507

Date: 12-10-98

16801 Westgrove  
P.O. Box 9010  
Addison, TX 75001-9010  
*cc: Stacie Strickland*  
*Dave Wilde*  
*Rob Weber*

# of pages (including cover): 1

Re: Arapaho Rd Tree Drains

- Original in mail       Per your request       FYI       Call me

Comments: The following pipe materials are being used for the tree undrains: The perforated pipe in the tree wells is "4" PVC Sewer & Drain, Crush Resistant, ASTM D2729 Performance". Between tree wells, the pipe being used is "4" PVC, Cantex PVC, 1120 Schedule 40, 220 psi @ 73° F, ASTM D-1785, NSF PW". The above is the markings on the pipe. I am a little concerned with the strength of the perforated pipe. It will have quite a load on it from the tree ball. If it is backfilled and compacted properly, it should be OK. But Hawkins will "disturb" this pipe when he puts in the 12"x36" tree well sump. As I see it, Hawkins will be responsible for installation so the perforated pipe does not get crushed.  
*Jam*

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Bill Millsap

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

Company: MESA

FAX #: 214-871-1507

Date: 12-10-98

16801 Westgrove  
P.O. Box 9010  
Addison, TX 75001-9010  
cc: Slade Strickland  
Dave Wilde  
Rob Weber

# of pages (including cover): 1

Re: Arapaho Rd Tree Drains

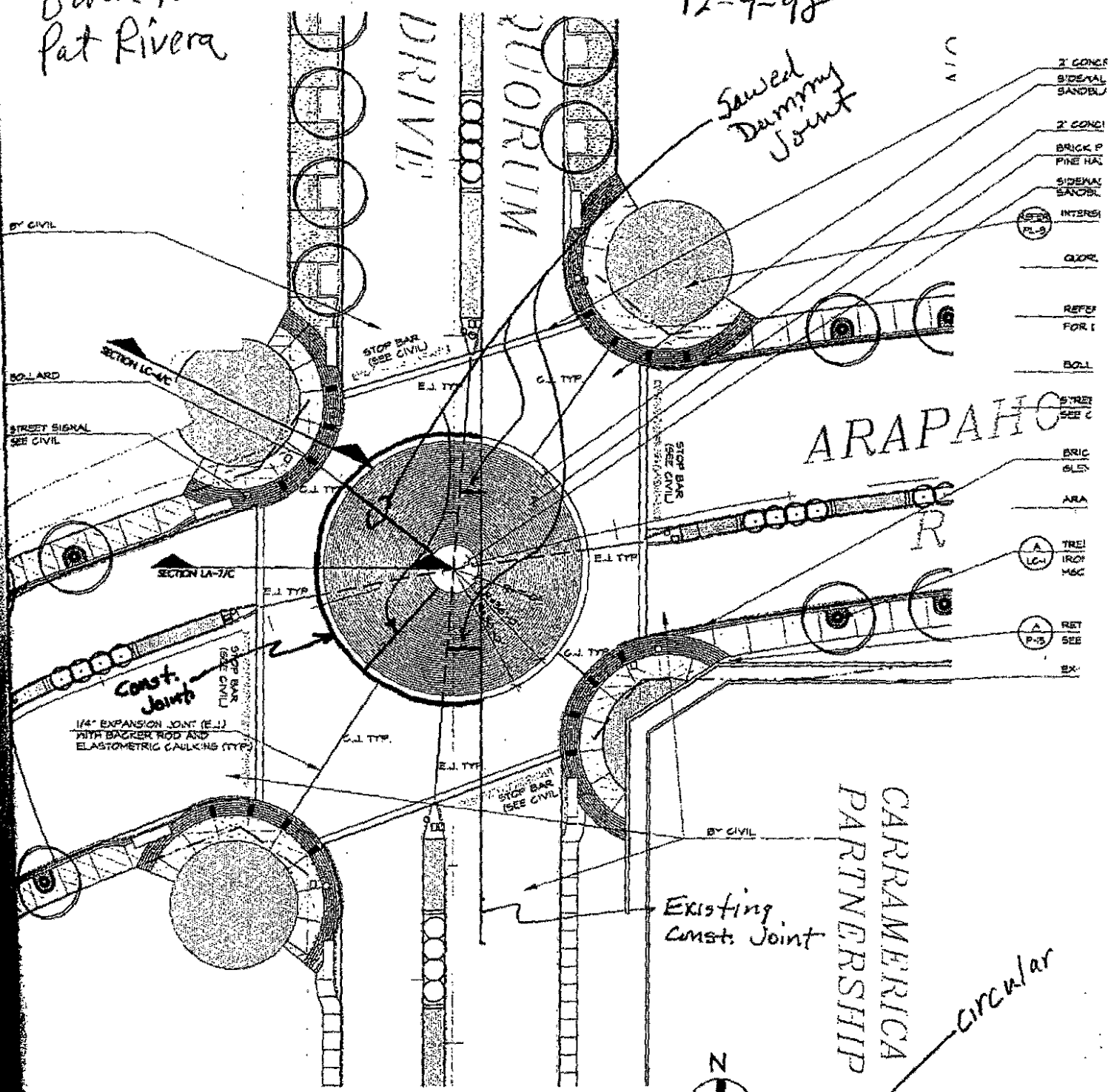
Original in mail       Per your request       FYI       Call me

Comments: The following pipe materials are being used for the tree undrains: The perforated pipe in the tree wells is "4" PVC Sewer & Drain, Crush Resistant, ASTM D2729 Performance."  
Between tree wells, the pipe being used is "4" PVC, Cantex PVC, 1120 Schedule 40, 220 psi @ 73° F, ASTM D-1785, NSF PW."  
The above is the markings on the pipe.  
I am a little concerned with the strength of the perforated pipe. It will have quite a load on it from the tree ball. If it is backfilled and compacted properly, it should be OK.  
But Hawkins will "disturb" this pipe when he puts in the 12"x36" tree well sump. As I see it, Hawkins will be responsible for installation so the perforated pipe does not get crushed.  
Jim

Given to Pat Rivera

12-9-98

Sawed Dampening Joint



ARAPAHO

CARRAMERICA PARTNERSHIP

ARAPAHO/QUORUM PLAN

1"=20'-0"

- CONCRETE PAVEMENT  
SEE CIVIL
- 1/2" SAWCUT CONTROL JOINT IN 5/8" BACKER  
ROD CUT 3/4 DEPTH AND  
SILICON JOINT SEALANT (BLACK)
- 2" CONCRETE BAND - BROOM FINISH
- 1/2" SAWCUT CONTROL JOINT IN 5/8" BACKER  
ROD CUT 3/4 DEPTH AND  
SILICON JOINT SEALANT (BLACK)

SANDICEMENT MIX JOINT, NO GAP

1/4" PER 1' MAX. SLOPE TO CURB

- 2" CONC
- SIDEWALK SANDBL
- 2" CONC
- BRICK P
- PINE HA
- SIDEWALK SANDBL
- INTERSE
- QUOR
- REFER FOR I
- BOLL
- STREET SEE C
- BRICK GLEN
- ARA
- TRELL IRON MOC
- RET SEE
- EX-



Circular

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Fred Bailey

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

Company: N. Tx. Bomanite

FAX #: 972-484-8466

Date: 12-8-98

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

# of pages (including cover): 1

Re: Arapaho/Quorum Intersection - Cracked Concrete

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

Comments: The last fax you sent me had 2 copies of the Material Safety Data Sheet for E303 injection resin. This is not what I am looking for. I'm looking for technical information, how it is used, an indication it will do the job, test results, limitations, where it has been used successfully, etc.

*Jim*

**North Texas  
Bomanite  
Inc.**

**FAX TRANSMISSION**

TO: JIM PIERCE

DATE: 12-3-98

COMPANY: PUBLIC WORKS - CITY OF ADDISON

TIME: 3:40

FAX #: 972-450-2837

SENT BY: FRED BAUCY

FROM: NORTH TEXAS BOMANITE

JOB #: \_\_\_\_\_

NUMBER OF PAGES, INCLUDING COVER SHEET: (7)

COMMENTS: JIM - I THINK THIS SHOULD DO IT. SORRY IF  
THERE WAS ANY CONFUSION. PLEASE CALL IF YOU HAVE  
ANY QUESTIONS.

THANKS

Jack

2 copies of  
MSDS sheets

No bond

**ATTENTION:** If any problems are detected with either the number of pages received or with the quality of the transmission, please call our office at 972-484-8465.



TOWN OF  
**ADDISON**

Faxed

**PUBLIC WORKS**

To: Robert Weber

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

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 12-7-98

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

# of pages (including cover): 1

Re: Arapaho Rd

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

Comments: Point of Clarification: The specs,  
Special provisions page 10, call for  
concrete testing to be paid for by  
the contractor. Testing other wise is to  
be in accordance with the COG specs.

Also, I am told that Mastec will  
complete the lowering of the SW Bell  
conduit in Arapaho Rd the week  
of Christmas.

Jim

cc: Dave Wilde

# Arapaho Rd Const Meeting

Rick Weiblen -

Irrig.  
underdrains

12-4-98  
No core crew in till January / can't move in for  
5 gal<sup>2</sup> concrete

- ✓ 1. Coordination with MEPC / Colonnade  
Grading @ 62+50±
- ✓ 2. Contact List for Pat Rivera
- 3. Review Outstanding Issues for Pat Rivera
  - ✓ As-Built Drawings
  - ✓ Outfall channel Rip-rap - Spec  
✓ Repair erosion - & Control  
Temp seeding / seed in spring  
Now - when times right
  - ✓ Storm Water Pollution Control Plan
  - ✓ Pot Hole Repair (10/28/98 Letter)
    - ✓ Furnish Unique Paving Matls Corp.
    - ✓ letter - suggest use
    - ✓ Notification / 2hr response / city crew / cost
  - Saw cutting joints - go back &  
Saw all those deficient to T/4
  - If not done, will make a deduction  
until completed.
- ✓ Invoicing - Pat & Dave agree, then  
submit final

Set up a  
meeting w/  
Saw person

- ✓ Drop-off @ Inlet by Car America
- ✓ Chase down deficient strength of cone.

★

② Depth Testing  
Owner picks up tab ?

✓ 4. TU Electric Poles - SW Bell off pole @ Addison - Serves DART trailers - working on this -

\* 5. MGI Requesting estimate of when storm sewer will be in @ Spectrum  
Previous: contingent on SWB duct lowering.  
© Beginning of Phase III

3 weeks to get rebar in  
2 weeks to put in sewer

✓ 6. Underdrain Pipe - Spec? / Type used?

✓ 7. Stop Signs needed @ Colonnade Driveway -

Colonnade Summary - Working on Monday  
UG across driveways Next Week  
Pave driveway when paving over

Meet Thurs 10AM on Dec 17<sup>th</sup>

Arapaho Road Const Meeting  
Sign-in-Sheet

12-4-98

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Price	Addison	972-450-2879
Dave Welle	Addison	972) 450-2847
James Patrick Rivers	ED Bell	972-507-4916
Robert D. Wobor	EBCC	358-6581
Rick Weble	MERC	972 687 7797

**Jim Pierce**

**From:** jporter1@tu.com  
**Sent:** Thursday, December 03, 1998 12:56 PM  
**To:** mike.smith@tu.com  
**Cc:** jpierce@cl.addison.tx.us  
**Subject:** SWB clearance on Arapaho

Mike,

I've confirmed a clearance for SWB at 4851 Arapaho Rd on Thursday, December 10 at 1:00 PM. Their contact is Bob Sands (972) 234-7084.

TOWN OF  
**ADDISON**

*Faxed*

## PUBLIC WORKS

To: Fred Bailey

Company: N. Tx Bomanite

FAX #: 972-484-8466

Date: 12-3-98

# of pages (including cover): 1

Re: Arapaho Rd / Quorum Intersection

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

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

Original in mail       Per your request       FYI       Call me

Comments: It has been some time since we  
met in the field and talked about repair  
of the cracks in the pavement @ the above  
location.

I would like to receive your proposal  
for repair, in writing, for our consideration.  
We are ready to direct your sandblast  
effort at the intersection, but I assume  
the cracks should be repaired first.

*Jim Pierce*

cc Rob Weber

Dave Wilde

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Ken Roberts

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

Company: Huitt Zolters

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2837

FAX #: 214-871-0757

Date: 12-1-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Arapaho/Quorum Intersection

Original in mail

Per your request

FYI

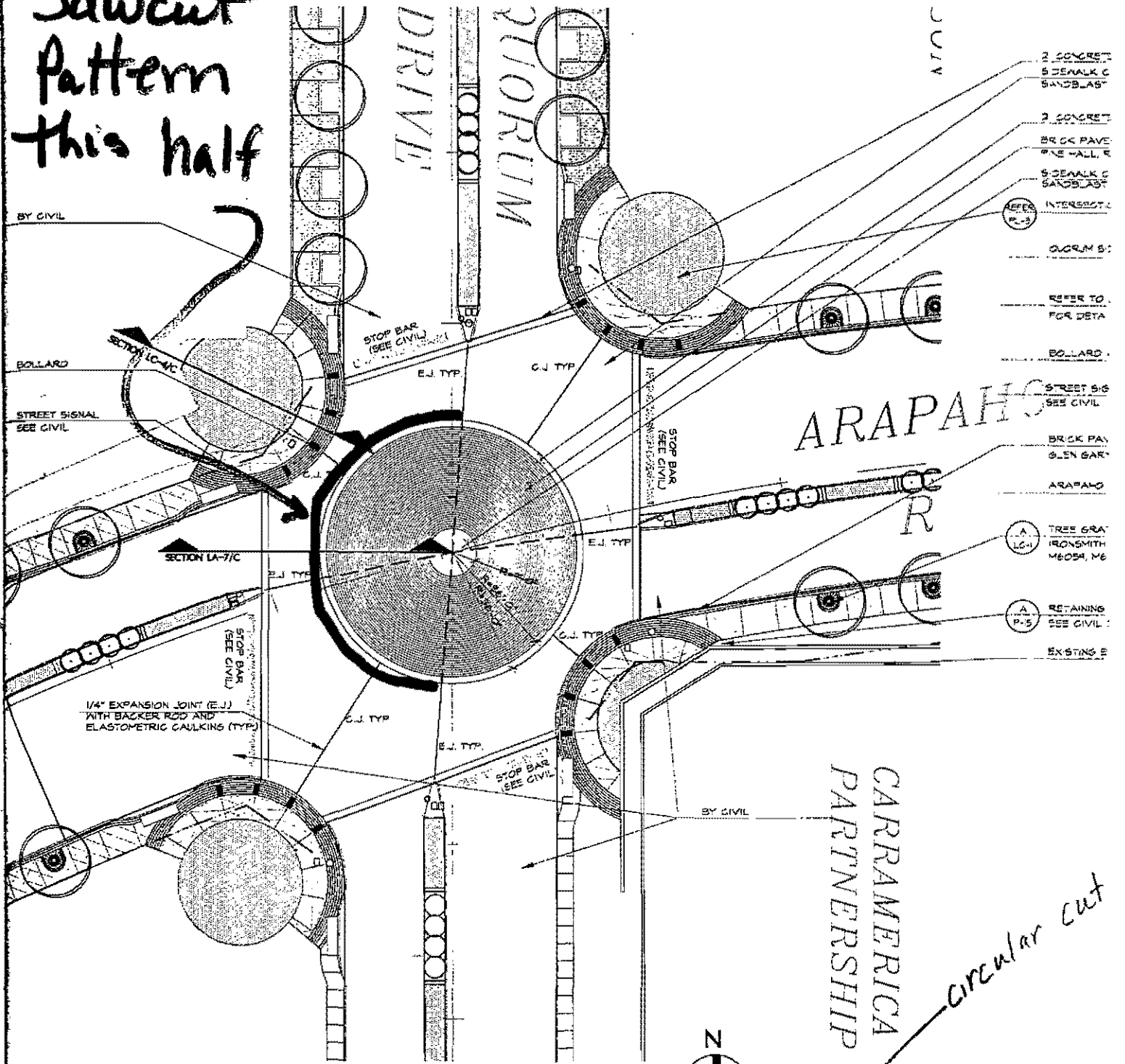
Call me

Comments: Ken - we will be pouring  
the west half of the Circle soon.  
What do you think the sawcut  
pattern should be within the circle?  
If any. Note we have expansion joints  
at the "Quarter points" of the circle.

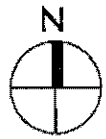
*Jim*



Sawcut  
Pattern  
this half



**A** ARAPAHO/QUORUM PLAN  
1"=20'-0"



Circular cut

- CONCRETE PAVEMENT  
SEE CIVIL
- 1/2" SAWCUT CONTROL JOINT IN 5/8" BACKER  
ROD CUT 3/4" DEPTH AND  
SILICON JOINT SEALANT (BLACK)
- 2' CONCRETE SAND - BROOM FINISH
- 1/2" SAWCUT CONTROL JOINT IN 5/8" BACKER  
ROD CUT 3/4" DEPTH AND  
SILICON JOINT SEALANT (BLACK)



1/4" PER 1' MAX. SLOPE TO CURB

**Jim Pierce**

**From:** Jim Pierce  
**Sent:** Tuesday, November 24, 1998 4:06 PM  
**To:** Ron Lee; Slade Strickland  
**Cc:** Jim Pierce; Dave Wilde  
**Subject:** Tree Wells

As a result of my meeting with Ed Bell Const and Garrett Cherry today, it was decided that Mastec(formerly E.L. Dalton) will install the tree drainage system now, and Hawkins will install the tree well sumps later, beside the tree drain pipe. The tree well and the sump will be "connected" via the gravel layer under the tree ball. Jim.

Arapaho Const. Meeting  
Sign-in-Sheet

11-20-98

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Pezin <del>Robert Weiser</del>	addison EBCC	972-450-2879 358-6581
TOM HAEUSSLER	INLET SPECIALTIES	(972) 913-2700
MIKE CLAXTON	MASTEC	(214) 896-5618

# Arapaho Const Meeting -

11-20-98

- ✓ 1. SWBell relocate contract has been awarded to MASTECC as per Cathy Gates. Will start "soon".
- ✓ 2. 2 1/2" Irrigation line @ Colonnade has been shut off. OK to go in & finish grading as per Rick Weiblen
- ✓ 3. Poles on Quorum need to be relocated out of sidewalk area (North of Arapaho on the east side). TU needs an easement. Work in progress.
- ✓ 4. Program for depth testing established. Discuss when to start. Rob will review & discuss @ next meeting
- ✓ 5. Change Order # 3 Complete
- ✓ 6. Outfall Channel - Cleanup erosion - hydramulch?  
Implement SWPPP  
R/prap does not meet specs - take off pay estimate -  
Looking @ gross spec  
Not more erosion control yet

- ✓ 7. Colonnade completion / approaches  
Install tree drains, Irving,  
etc under approaches.  
Rob will advise when crew is back -
- ✓ 8. Tree Drains / Sumps? EL Dalton has  
been told to put in tree drains in regardless  
of the sumps being put in
- ✓ 9. As Built Drawings -  
@ Next meeting  
who has them?
- ✓ 10. Had a good meeting with Mel's electric  
dent → ~~Need investigation controller shop dog.~~
- ✓ 11. Implement reduced strength testing.  
Rob will look over & let me know
- ✓ 12. Inlet Lateral repair to take place  
Sunday,
- ✓ 13. Mard inlet status -

✓ 14. N. Tx Bomanite / crack sealing -  
Have not rec'd any submittal

15. Thanksgiving work schedule  
Will let know if working Friday

16. Other  
Four Tues & Wed -

17. Next Meeting Thurs Dec 3<sup>rd</sup>

TOWN OF  
**ADDISON**

FAXED

**PUBLIC WORKS**

To: Tim Keierleber

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

Company: Mel's Electric

FAX #: 214-565-1081

Date: 11-19-98

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

# of pages (including cover): 2

Re: Arapaho Road - at Quorum

Original in mail       Per your request       FYI       Call me

Comments: Attached is our spec for the  
irrigation controller. This controller must  
be 10' away from any meter or other  
electrical gear - so it cannot be  
in the enclosure we talked about.  
It must stand alone. We would  
like to use one of the controller stations  
as the primary control for the pedestrian  
lights with a "backup" time clock  
controller in case the irrigation unit  
goes down. We do not want any photo-  
cell control. Everything (irrigation,  
pedestrian lights, bollard lights and  
traffic signals) can go through one  
meter. Hope this clarifies things.  
Jim Pierce

SECTION 02811  
IRRIGATION

- 1.10 Only Febco 805-Y Double Check assemblies are to be used. Connect to meter flange using Teflon paste and gray Schedule 80 nipple of sufficient length to center the DCA within its housing. House in appropriate size (to be determined by Owner), rectangular Ametek plastic valve box. See above meter installation instructions and follow same with the exception of using plastic valve box extensions for increased height. Connect irrigation mainline to DCA using Teflon paste and PVC male adapter.
- 1.11 Female threaded plastic Spears ball valves with positive T-handle cut off must be installed every 200' of mainline for isolation purposes. House in standard (large) rectangular Ametek plastic valve box and follow meter box installation instructions for DCA assembly.
- 1.12 Only an approved size RainMaster Evolution DX-2 stainless steel controller with heavy-duty transient protection along with a stainless steel freestanding pedestal is permitted. Controller must include all necessary hardware to ensure reliable communication and operation with the Town's central control located at 16801 Westgrove. Installation must include the following RainMaster hardware, purchased only from a RainMaster supplier. DX-03 sensor board, DX-PH phone communication option, flow meter (size to be approved by owner), and shielded EV-cab-sen flowmeter cable. An approved size Weathermatic 11000 series master valve must also be installed with wiring being of a solid color distinctively different than that of the station wiring. Both flow meter and master valve must be housed in Ametek large rectangular plastic valve boxes. Flow meter cable must be sized appropriately and be of a continuous run; no splices will be allowed except at the point of connection to the flow meter. Connections will be soldered and water proofed using a 3-M DBY connector. Cab-Sen cable will be installed within continuous ½" or larger gray PVC conduit with 6" or larger J-boxes placed every 200' or where 360° of fittings are installed; only sweeps are permitted. It is the contractor's responsibility to entail the cost of and work in conjunction with Southwestern Bell Telephone to establish a dedicated phone service and install an interface within the pedestal at each controller location via direct burial cable. Controllers are to be affixed to a Town-approved permanent concrete pad via four (4) 7/16" or larger stainless steel bolts, nuts and washers. All wiring is to enter the pedestal via approved size gray PVC sweep elbows extending at least 1" through the pad. Control wiring, 120-volt service, flow meter cable, and phone cables are to be separated with each having its own access elbow. All local and national codes must conform to any and all aspects of the installation. All controllers are to be wired for remote operation with Irritrol RVC units; to achieve this, utilize appropriate size universal pigtail adapters. The entire installation must conform to RainMaster specifications and be approved by the Town prior to and be inspected during installation. Such specifications will include grounding and pad configurations and distances of separation from water meter to master valve to flow meter and first fitting. A functional mini-click freeze sensor must be installed at every controller in an approved location and by an approved method. Consult RainMaster for specifics of freeze sensor installation.
- 1.13 Use clean and approved topsoil to backfill all pipe to a depth. All heads and boxes are to be backfilled to grade with clean topsoil. No rocks greater than 1" are allowed. Compact trenches to alleviate settling. Minimal depth of coverage is 12".
- 1.14 All sleeves will be Schedule 40 PVC. All piping underneath paving, including sidewalks must be sleeved. All sleeves are to be belled PVC pipe.
- 1.15 Use appropriate and approved PVC solvent. Avoid excessive use and wipe all joints and fittings clean.



DALLAS/FORT WORTH AIRPORT

**Marriott**

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

Tim - Beidelman 11-19-98

Got approval  
will start very  
soon

Contractor?

His assist will  
call. Job has been  
bid.



HUITT-ZOLLARS, INC.  
 3131 McKinney Avenue, Suite 600  
 DALLAS, TEXAS 75204

LETTER OF TRANSMITTAL

(214) 871-3311

TO Town of Addison - Public Works  
P.O. Box 144  
Addison, TX 75001

DATE	11-19-98	JOB NO.	01-1772-01
ATTENTION	Jim Pierce		
RE:	Arroyo Road		

WE ARE SENDING YOU  Attached  Under separate cover via Mail the following items:

- Shop drawings   
  Prints   
  Plans   
  Samples   
  Specifications  
 Copy of letter   
  Change order   
  \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1			Hot Weather Concreting
1			Cold Weather Concreting

THESE ARE TRANSMITTED as checked below:

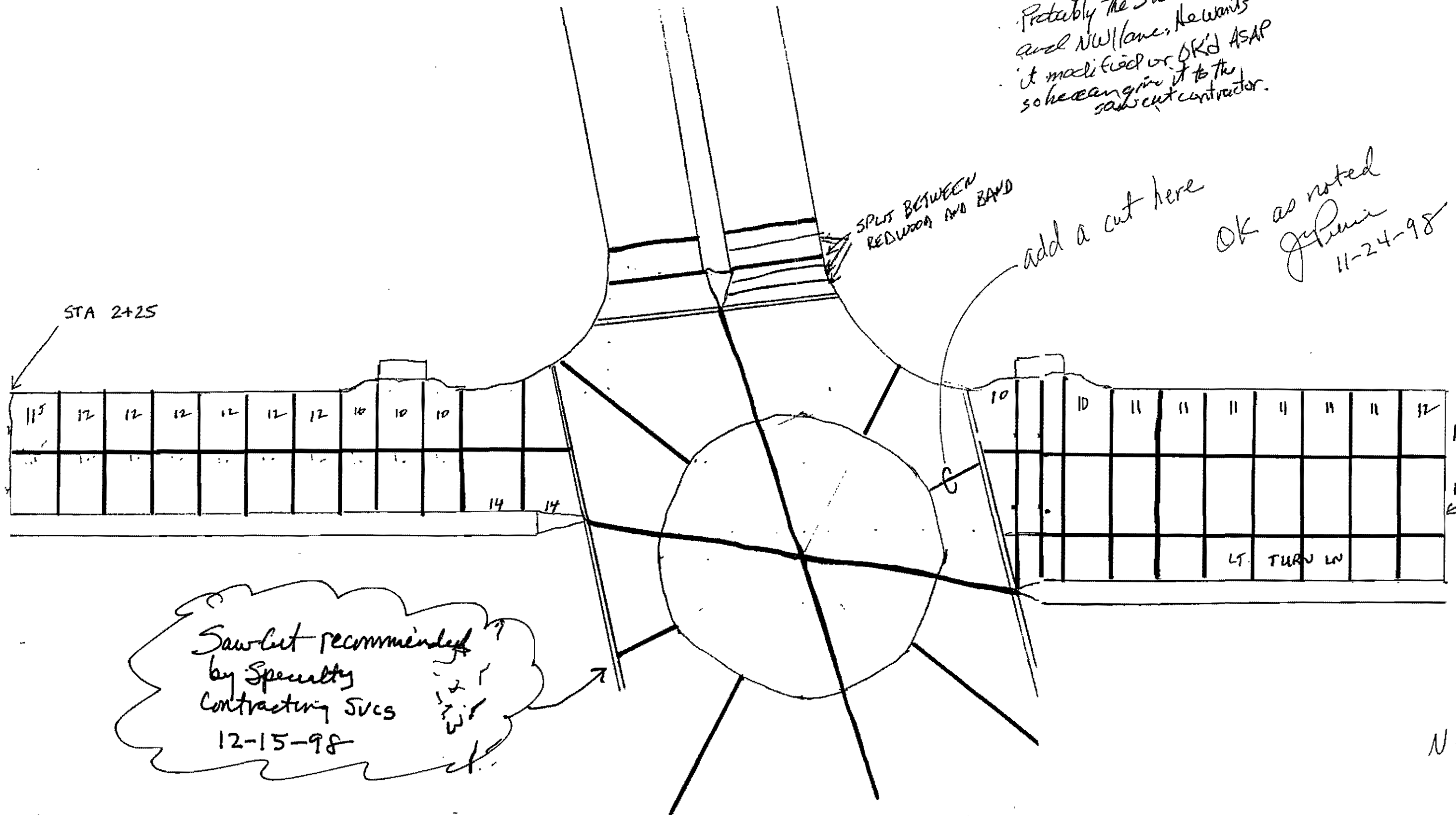
- For approval   
  Approved as submitted   
  Resubmit \_\_\_\_\_ copies for approval  
 For your use   
  Approved as noted   
  Submit \_\_\_\_\_ copies for distribution  
 As requested   
  Returned for corrections   
  Return \_\_\_\_\_ corrected prints  
 For review and comment   
  \_\_\_\_\_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

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

COPY TO \_\_\_\_\_ SIGNED: Ken Roberts

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

Jim,  
 Nelson gave me this  
 saw cut plan. They are  
 forming to pour tomorrow.  
 Probably the SW 1 lane  
 and NW lane. He wants  
 it modified or OK'd ASAP  
 so he can give it to the  
 saw cut contractor.



OK as noted  
 J. P. [Signature]  
 11-24-98

Saw cut recommended  
 by Specialty  
 Contracting Svcs  
 12-15-98  
 [Signature]

N →

**Jim Pierce**

**From:** Jim Pierce  
**Sent:** Wednesday, November 18, 1998 11:04 AM  
**To:** John Baumgartner; Robin Jones  
**Cc:** Dave Wilde; Jim Pierce  
**Subject:** Inlet @ Araqaho & Addison Rd

When E.L. Dalton cut through the lateral when installing the TU underground, the lateral was repaired with a piece of 15" PVC pipe. We TV'ed the lateral and the PVC pipe has collapsed. Dalton wants to put a permanent fix on the lateral and has asked permission to close the road Sunday, for about 5 hours, to do so. He wants to close the whole road, although he could live with keeping one lane open. I would favor closing the whole road because it would go faster and better. Comments ASAP please. I need to get back to Dalton. Jim.

TOWN OF  
**ADDISON**

Fax 1 to Both

**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 #: 214-352-3201

FAX: 972/450-2837

Date: 11-17-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd / Irrigation

Original in mail


Per your request

FYI

Call me

Comments:

Please have your irrigation  
subcontractor submit shop drawings  
for the irrigation controller called out  
on sheet IR-3. The controller will  
be located inside another enclosure  
so it can be NEMA 1 construction.  
The controller will be located on  
the North side of the intersection  
instead of the East side, as shown.  
We need the dimensions of the  
controller so we can size the enclosure.

 cc Tim Ketterleber / Mel's Electric 214-565-1081

# 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:	Arapahoe 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
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 Bell

11-17-98

Memo to Ed Bell

Colonnade

Finish grading

Put in tree drains  
across approaches

so they can be

finished

Promised last week

~~Bobby Luman~~

~~Copy of Deed, plat of~~

~~Property, something in writing~~

~~saying we will give the easement~~

John

11-13-98

## Re Arapaho Streetlights

### RECAP:

The shoebox streetlight costs \$1550- regardless of the type of fixture that is supplied. We are currently ordering 250 watt hi pressure sodium lamps (HPS)

The fixtures can be changed for \$73- per fixture (2 fixtures per streetlight).

If we don't like the HPS lamps:

\$73 x 2 x 14 streetlights = \$2,044- to change out all the fixtures on the job.

### Operating Cost comparison:

Assume streetlights are on an average of 12 hrs/day

Each 400 watt streetlight will cost:

$$\frac{2 \text{ bulbs} \times 400 \text{ watts} \times 12 \text{ hrs} \times 365 \text{ days}}{1000 \text{ watts}} \times \frac{\$0.08 \text{ kw}}{\text{hr}} = \$280/\text{yr}$$

Each 250 watt streetlight will cost

$$\frac{\$280}{400} \times 250 = \$1.75/\text{year}$$

Jim



SIKA DURA 19  
to seal cracks -



8AM Sandblast Friday

DALLAS/FORT WORTH AIRPORT

**Marriott**

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

~~John (cont) FLS signs of  
striping situation~~

Ben Bishop - 214-571-2528

15" plastic pipe

temp fix

PVC Pipe has collapsed

Closing on Sunday

Can have one lane open

5 hours

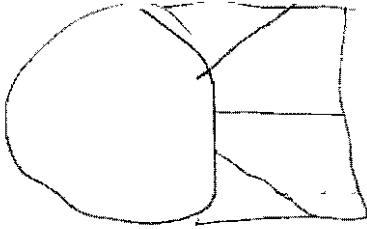
Backfill & Compact

11-17-98

**JW's**  
Steakhouse

**pitchers**  
Good Times Are Always Brewing

**Pizza Hut**



close whole street

Block E. No left turn sign  
@ Addison Rd.

Close on east end to all but  
Summerfield Suites - signage  
for this.

check with Hotel -

7 AM - Noon

Hours best?

Let Standby know - (al will know)

Let Police & Fire know -

Donnae  
Thomas  
No problem!!

Road closed  
Beyond Summerfield  
Suites -

TOWN OF  
**ADDISON**

*Faxed  
Moon*

**PUBLIC WORKS**

To: Tary Arterburn

Company: Bill Millers  
MESA

FAX #: 214-871-1507

Date: 11-19-98

# of pages (including cover): 1

Re: Arapaho Rd Sandblasting

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

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

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

Comments: Additional sandblasting on the  
test panels will take place  
Friday, 11-20-98 @ 8AM. We need  
to blast the 1/2 circle @ Quorum  
because the surface has become  
slick to vehicular traffic.  
You are invited to attend!

*Jim*

cc Slade

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Robert Weber

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

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 11-19-98

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

# of pages (including cover): 1

Re: Arapaho Rd.

- Original in mail       Per your request       FYI       Call me

Comments: The inlet @ the SW corner of Arapaho  
& Quorum that was poured in the wrong  
place has been moved to its new location.

This inlet is rejected. The inlet was not  
set on a bed of concrete as directed,  
the outlet pipe has been sheared off  
damaging the bottom, and there is no  
way to make a good connection to the  
inlet. The pipe that was damaged during  
this operation shall not be re-used.

Please let your sub-contractor know.  
Dave Wilde will pass the word in the field.

*J. Pierce*

cc Dave Wilde

**Jim Pierce**

**From:** Dave Wilde  
**Sent:** Wednesday, November 18, 1998 4:53 PM  
**To:** Christina Lancaster; Larry Wright; Michael Murphy; Robin Jones  
**Cc:** Jim Pierce; Dave Wilde  
**Subject:** Arapaho Rd. Closure

On Sunday November 22, 1998 Arapaho Rd. will be closed between Addison Rd and the entrance to Summerfield Suites Motel. The southbound left turn lane on Addison Rd. at Arapaho will be closed, and Access to Summerfield will be maintained on westbound Arapaho from Quorum Dr., and from Addison Rd. at the south drive at the Quorum Center. (signs will be posted) The work on Arapaho will take place from 7:00 am till @ 12:00 PM.

Dave Wilde

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Tim Beidelman

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

Company: SW Bell

FAX #: 972-234-7062

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

Date: 11-18-98

# of pages (including cover): 2

Re: Arapaho Rd - SW Bell Relocate

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

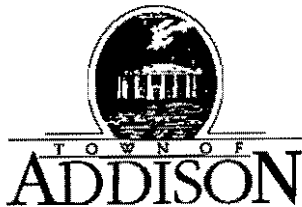
Comments: PLEASE HAND DELIVER  
TO TIM BEIDELMAN.

Letter attached

Jim

confirmed fax  
was rec'd by Tim  
JP

Faxed &  
Mailed



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

November 18, 1998

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

Mr. Timothy Beidelman  
Manager - Engineering Design  
Southwestern Bell Telephone  
275 N. Greenville Ave., 2<sup>nd</sup> Floor  
Richardson, TX 75081

Re: Relocation of Facilities for Arapaho Road

Dear Mr. Beidelman:

As you may know, the realignment of Arapaho Road, a \$4 million dollar project, is the highest priority capital project in the Town of Addison. The reasons for the high priority are the elimination of a severe bottleneck, and, more importantly, the new road is needed to service the new DART Transit Center that is currently under construction and ahead of schedule. The Town is committed by written agreement to provide the completed road for DART when the transit center is completed.

About mid August, we discovered a conflict with one of your underground duct banks and a storm sewer required for our project. On August 25, our staff met with your staff in the field and we were told that plans would be prepared and that the relocate would take place in about 2 months. We now discover that the plans were completed only in late October, and that the SWBell relocate work has not been funded.

We find this situation to be unlike the previous cooperation we have received from SWBell on this project, and due to time commitments, cannot accept any further delay on the part of SWBell. Please take whatever steps are necessary to fund and execute this project immediately.

Please do not hesitate to call me at 972-450-2886 if you have any questions.

Very truly yours,

Town of Addison

John Baumgartner, P.E.  
Director of Public Works

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



MODE = TRANSMISSION

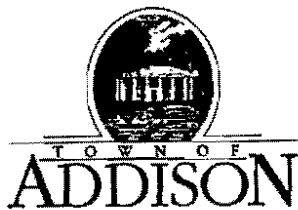
START=11-18 01:27PM

END=11-18 01:28PM

NO.	COM	SPEED NO	STATION NAME/ TELEPHONE NO.	PAGES
001	OK		99722347062	002

-Addison Svc Ctr -Upstairs-

\*\*\*\*\* ( FAX-200 (2.17)\* - 972 450 2834- \*\*\*\*\*



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

November 18, 1998

Mr. Timothy Beidelman  
Manager - Engineering Design  
Southwestern Bell Telephone  
275 N. Greenville Ave., 2<sup>nd</sup> Floor  
Richardson, TX 75081

Re: Relocation of Facilities for Arapaho Road

Dear Mr. Beidelman:

As you may know, the realignment of Arapaho Road, a \$4 million dollar project, is the highest priority capital project in the Town of Addison. The reasons for the high priority are the elimination of a severe bottleneck, and, more importantly, the new road is needed to service the new DART Transit Center that is currently under construction and ahead of schedule. The Town is committed by written agreement to provide the completed road for DART when the transit center is completed.

About mid August, we discovered a conflict with one of your underground duct banks and a storm sewer required for our project. On August 25, our staff met with your staff in the field and we were told that plans would be prepared and that the relocate would take place in about 2 months. We now discover that the plans were completed only in late October, and that the SWBell relocate work has not been funded.

We find this situation to be unlike the previous cooperation we have received from SWBell on this project, and due to time commitments, cannot accept any further delay on the part of SWBell. Please take whatever steps are necessary to fund and execute this project immediately.

Please do not hesitate to call me at 972-450-2886 if you have any questions.

Very truly yours,

Town of Addison

John Baumgartner, P.E.  
Director of Public Works

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

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Robert Weber

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

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 11-18-98

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

# of pages (including cover): 1

Re: Arapaho Rd - Sandblast finish

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

Comments: Please schedule sandblasting of  
the "3rd" test panel to evaluate suitability  
of the finish for street & sidewalk purposes.  
We may want to "re-blast" the other  
2 panels that have already been blasted.  
Friday afternoon, Tues AM or wed AM  
would be good times for me.  
Please advise

Jim

- cc Dave wilde
- Slade Strickland
- Bill Millsaps



11-16-98

Arapaho Inlet

≈ 3:45 PM called Mike Clayton -  
mobile phone had been turned off

4:10 PM called Ben Bishop & asked for  
his "support" He said he would flush  
from his end.

4:15 Quentin called back - will have  
a pump truck out there 8:30-9AM  
will clean out inlet & pipe. Will bring  
out some plates & plette the area.

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Robert Weber

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

Company: Ed Bell Cmst.

Assistant City Engineer

Phone: 972/450-2879

FAX #: 214-352-3201

FAX: 972/450-2837

Date: 11-18-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd - Sandblast finish

Original in mail

Per your request

FYI

Call me

Comments: Please schedule sandblasting of  
the "3rd" test panel to evaluate suitability  
of the finish for street & sidewalk purposes.  
We may want to "re-blast" the other  
2 panels that have already been blasted.  
Friday afternoon, Tues AM or wed AM  
would be good times for me.  
Please advise

Jim

cc Dave Wilde

Slade Strickland

Bill Millsaps

↔ Have Millsaps  
involved

Rescheduled to 11/25 @  
8:30 AM



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: 972/450-2837

FAX #: 214-352-3201

Date: 11-17-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 3

Re: Arapaho Rd Strength Testing

Original in mail

Per your request

FYI

Call me

Comments: The Terra Mar Core Compression Test data (attached) has been summarized in a spreadsheet (attached). The concrete panel from which core #1 was taken needs to be removed & replaced. Core #2 was deficient in strength such that reduced payment can be made. However, the extent of the reduced strength must be determined. I suggest cores be taken 15' either side of core #2 for this purpose. If you have another idea please let me know. The cores should be numbered 2A, 2B etc. Let Dave Wilde know when the cores are to be taken.

cc Dave Wilde

Jim

ARAPAHO ROAD CORE TEST RESULTS							
Pavement Thickness = 10.0 inches. Pavement Compressive Strength = 4,750 psi.							
R&R = Remove and Replace							
							Combined
			Percent			Percent	Percent
	Core		Contract	Core		Contract	Contract
	Length	Deficiency	Price	Strength	Percent	Price	Price
Core ID	(inches)	(inches)	Allowed	(psi)	Deficient	Allowed	Allowed
1	11	0	100	3680	22.5%	R&R	R&R
2	9.8	0.2	100	4280	9.9%	90	90
3	9.5	0.5	60	5030	-5.9%	100	60
4	9.8	0.2	100	4720	0.6%	100	100

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Rob Weber

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

Company: Ed Bell Const

Assistant City Engineer

Phone: 972/450-2879

FAX #: 214-352-3201

FAX: 972/450-2837

Date: 11-17-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd

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

Comments: What happened to the "SLOW,  
ROUGH ROAD" sign we talked about  
Saturday. I thought it would be in  
use Monday, 11/16 and do not  
see it yet in place today.  
Please advise

*Jim*



Arapaho Meeting - Melo Electric  
TU "

11-13-98

Addison/Arapaho

TU will set a pole

Set Meter & Breaker on Pole

Conduit to new pole

\* ~~Get~~ Get Meter addresses for all meters  
4 address (A&B)

Mel will look into setting new Signal pole

Edwin Lewis & Arapaho -

Need pedestal with meter

\* Run 1" conduit up pole for SW Bell/Irrig controller  
we call SW Bell for service

Arap & Quorum

will set a pole

Mel will pick up a double pedestal for us  
to look at

Mel will

\* Submit dimensions  
Check w/ irrig consultant - we will put  
his controller in a cabinet NEMA 1 is needed

\* Joel - Signals on a flat rate (no) (must be  
metered)

\* Do we want to control the pedestrian  
lights thru the irrig controller  
No photo cell

Arapaho Rd  
Meeting with Mel's Electric

11-13-98

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Pierce	Addison	972-450-2879
Tim Keierleber	MEL'S	214 565 1074
Johnny Heine	"	" " "
Bobby Yarnon	T.U. Electric	(214) 812-7310
DAVE WILDE	Tom & Addison	972) 450-2847

Arapaho Rd Meeting 11-13-98  
Steven Buddy, Rob Weber, JEP & Dave W.

Issues: Sawing, cracks &  
Supervision - All tied together

Cracks Sent a copy of our letter to  
Sawing Sub.

Sawing

prep a joint layout plan whenever a  
pour is made

Supervision - End of Month - will have a  
new Super.  
Quentin - Supv. of Supervisors -

Work Rejection - Considering rejecting  
work. Don't want to, want to  
correct the problem.

Meeting w Mels Ertman & TU @ 1:30

@ Arap & Addison Rd.

Inlet - between TU & E.L. Dalton?

They cut thru laterals - for repair,  
Put in a smaller section of pipe  
Mike Clapton to look @ potholes & Inlet

TOWN OF  
**ADDISON**

Faxed  
7:55 AM

# PUBLIC WORKS

To: Rob Weber

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

Company: Ed Bell Const.

Assistant City Engineer

Phone: 972/450-2879

FAX #: 214-352-3201

FAX: 972/450-2837

Date: 11-13-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd

Original in mail

Per your request

FYI

Call me

Comments: The inlet near the intersection  
of Addison Rd & Arapaho is not  
draining properly. Please clean out  
to restore operation.

Several traffic control signs  
are down & need to be put back  
in place.

As a result of the rain, several  
medium sized potholes have reappeared.  
Please repair

Jim

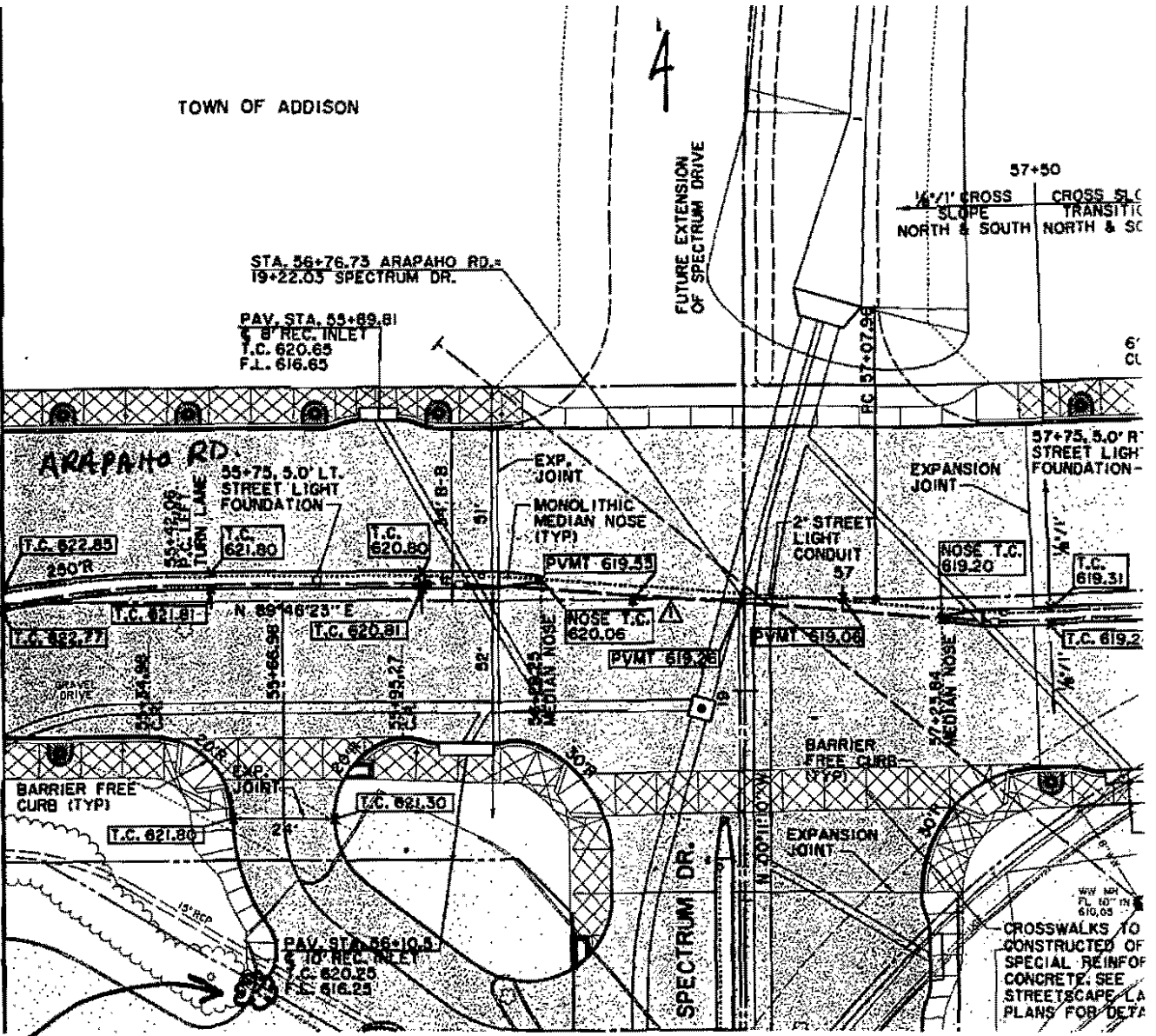
cc Dave Wilde ✓

TOWN OF ADDISON

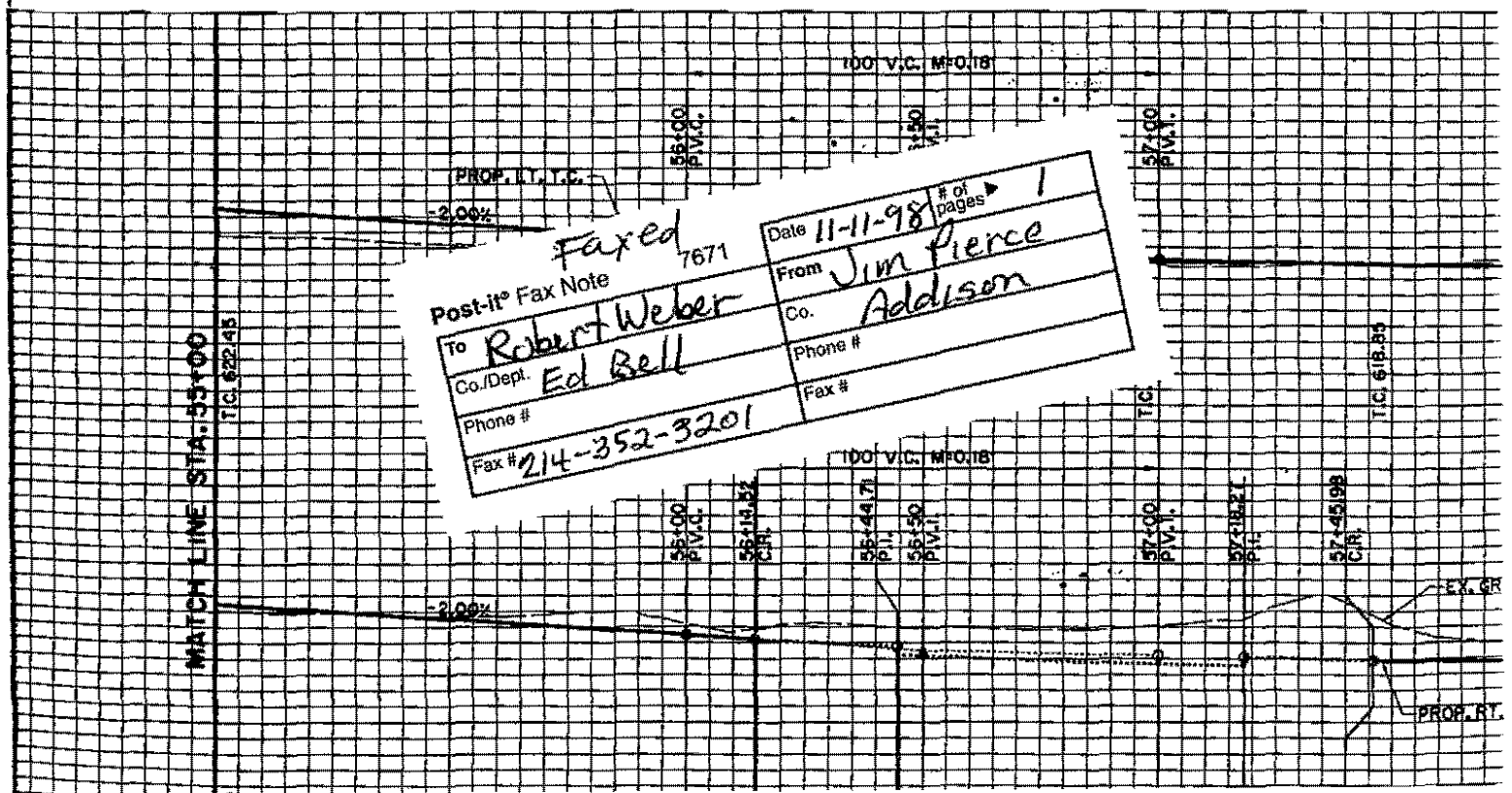
4

OK to remove tree @ this location that conflicts with sidewalk.

MATCH LINE STA. 55+00



CARRAMERICA REALTY LIMITED PARTNERSHIP



Post-it® Fax Note 7671

*Faxed*

To: Robert Weber  
Co./Dept: Ed Bell  
Phone #: 214-352-3201  
Fax #: 214-352-3201

From: Jim Pierce  
Co: Addison  
Date: 11-11-98 # of pages: 1

TOWN OF  
**ADDISON**

Faxed

## PUBLIC WORKS

To: Robert Weber

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

Company: Ed Bell Const.

FAX #: 214-352-3201

Date: 11-11-98

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

# of pages (including cover): 1

Re: Arapaho Rd - Construction Joints

Original in mail       Per your request       FYI       Call me

Comments: In September 1998 we allowed a longitudinal butt joint detail (Street P-13) to be substituted for a construction joint with keyway due to the difficulties in forming the keyway with the slipform paver. While slipforming, we allowed the dowels to be inserted manually behind the slipform paver. We are not satisfied with this method because manually inserting the dowels disturbs the fresh concrete causing it to bulge & sag. From here forward, all dowels shall be drilled into the pavement, after sufficient cure has taken place, and epoxyed.



cc Dave Wilde

MODE = TRANSMISSION

START=11-11 04:09PM

END=11-11 04:10PM

NO.	COM	SPEED NO	STATION NAME/ TELEPHONE NO.	PAGES
-----	-----	----------	--------------------------------	-------

001	OK		92143523201	001
-----	----	--	-------------	-----

-Addison Svc Ctr -Upstairs-

\*\*\*\*\* ( FAX-200 02.17)\* - 972 450 2834- \*\*\*\*\*

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 #: 214-352-3201

FAX: 972/450-2837

Date: 11-10-98

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): \_\_\_\_\_

Re: Arapaho Road - Pavement Thickness Testing

Original in mail

Per your request

FYI

Call me

Comments: For the purposes of thickness testing  
I have divided the job into 6 "units"  
as follows:

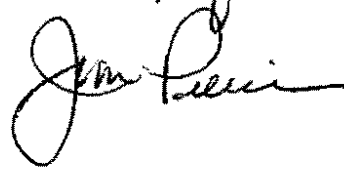
Unit #	Begin Station	End Station
①	40+35	45+72
②	45+72	51+09
③	51+09	56+46
④	56+46	61+83
⑤	61+83	67+20
⑥	Edwin Lewis Drive, Quorum Drive N&S, Spectrum Dr.	

One thickness test shall be taken, per lane,  
including turn lanes, in each unit. The location  
shall be selected at random by Dave Wilde.  
The remainder of the procedure shall be as  
per COG Spec 5.8.6. Cores shall be the  
minimum diameter possible for a proper test.



Testing shall proceed whenever a lane has been completed within a unit. Dave Wilde will keep a set of plans specifically for the purpose of locating test cores.

Please call if you have any questions.

A handwritten signature in cursive script, appearing to read "Jim Lewis".

cc Dave Wilde

MODE = TRANSMISSION

START=11-10 03:29PM

END=11-10 03:33PM

NO.	COM	SPEED NO	STATION NAME/ TELEPHONE NO.	PAGES
-----	-----	----------	--------------------------------	-------

001	OK	8	92143523201	002
-----	----	---	-------------	-----

-Addison Svc Ctr -Upstairs-



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

November 10, 1998

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

Re: Arapaho Road

Dear Mr. Weber:

On November 9, 1998, Dave Wilde asked me to look at several areas of the job that were not up to our expected standards of quality. The following was observed:

Near the intersection of Arapaho and Spectrum:

- "Bow shaped" saw joint
- Very shallow sawcuts
- Some joints not cut
- Some sawcut joints not aligned properly ("V" shaped cuts)
- Sawcuts carelessly made into median noses and curbs
- Panels longer than 12' (sawcuts should be made every 12')
- Core test hole not plugged and full of water
- Crosswalks cracked due to lack of control joints (includes crosswalk at Edwin Lewis Drive and Arapaho)

At the Quorum intersection:

- Many cracks in the concrete poured by N. Texas Bowmanite outside of the "circle". Control joints shown on the plans were not cut.

In our view, these problems stem from lack of proper supervision, inexperienced subcontractors and a low standard of workmanship. These problems not only make the job look bad, but they are going to cost the Town in increased maintenance costs over the life of the project.

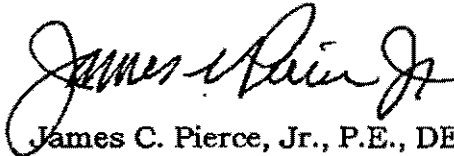
This is to order a temporary suspension of any paving work until every existing sawed joint is checked for proper depth to T/4, and be resawed to proper depth as needed. Furthermore, all sawed joints that should have been made, shall be made, and to proper depth.

In addition, this is to request that you assign a new, competent, General Foreman/Superintendent to the project, to be present at all times that work is progressing, and with full authority to act for Ed Bell Construction.

We also request that a meeting be set up with Steven Priddy, to discuss these matters in more detail. Please call if you have any questions.

Very truly yours,

Town of Addison

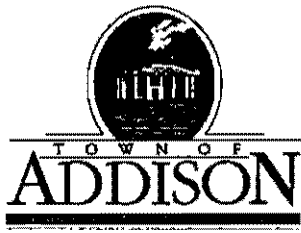


James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: John Baumgartner, Director of Public Works ✓

Dave Wilde ✓

*Faxed &  
mailed*



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

November 10, 1998

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

Re: Arapaho Road

Dear Mr. Weber:

On November 9, 1998, Dave Wilde asked me to look at several areas of the job that were not up to our expected standards of quality. The following was observed:

Near the intersection of Arapaho and Spectrum:

- "Bow shaped" saw joint
- Very shallow sawcuts
- Some joints not cut
- Some sawcut joints not aligned properly ("V" shaped cuts)
- Sawcuts carelessly made into median noses and curbs
- Panels longer than 12' (sawcuts should be made every 12')
- Core test hole not plugged and full of water
- Crosswalks cracked due to lack of control joints (includes crosswalk at Edwin Lewis Drive and Arapaho)

At the Quorum intersection:

- Many cracks in the concrete poured by N. Texas Bowmanite outside of the "circle". Control joints shown on the plans were not cut.

In our view, these problems stem from lack of proper supervision, inexperienced subcontractors and a low standard of workmanship. These problems not only make the job look bad, but they are going to cost the Town in increased maintenance costs over the life of the project.

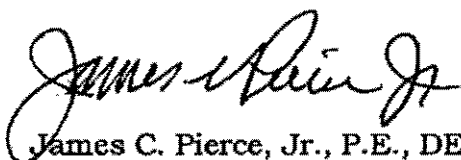
This is to order a temporary suspension of any paving work until every existing sawed joint is checked for proper depth to T/4, and be resawed to proper depth as needed. Furthermore, all sawed joints that should have been made, shall be made, and to proper depth.

In addition, this is to request that you assign a new, competent, General Foreman/Superintendent to the project, to be present at all times that work is progressing, and with full authority to act for Ed Bell Construction.

We also request that a meeting be set up with Steven Priddy, to discuss these matters in more detail. Please call if you have any questions.

Very truly yours,

Town of Addison

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

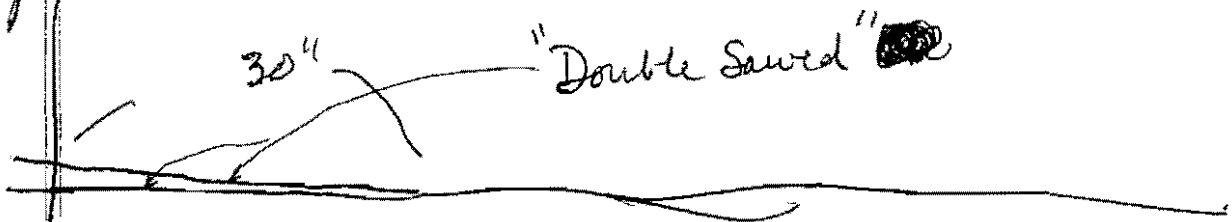
James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer

cc: John Baumgartner, Director of Public Works

11-9-98

~~John E. Mait from Jeffrey Maitland~~  
~~St. E. Peterson~~

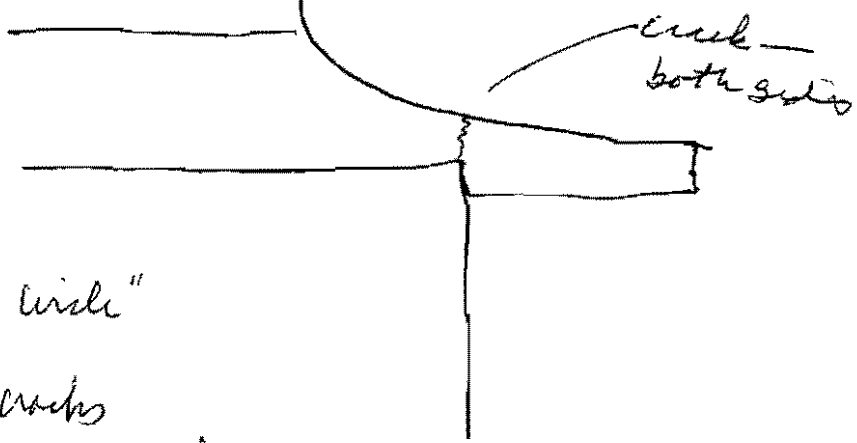
Arapaho Field Notes



W B left turn lane to SB Spectrum

- "Bowed" saw joints
- Cuts not deep enough
- Some joints not cut
- Some joints not aligned properly
- Cuts into curbs & median noise
- Panels larger than 12' for saw cuts
- Fill up core samples

W. CarrAmerica Crosswalk/Drive Curb



Quorum/Arapaho "1/2 inch"

- Many shrinkage cracks
- No Saw cuts - no saw cut plans -

Arapaho Rd. Const. Meeting

11-6-98

Name

Company

Jim Peirce  
Dave Wilde  
Robert Weber

Addison

Addison 450-2847/2837504

EBCC 358-6584



Arapaho Rd Const. Meeting - 11-6-98

- ✓ 1. MCI will begin const. in the area
- ✓ 2. SWB will begin relocate @ Spectrum & Arapaho
- ✓ 3. Cable Co. "Rollover" Scheduled for Nov-14<sup>th</sup> (Sat)  
going thru "method of procedure"
- ✓ 4. Concrete Testing -  
Core results?

Rob will call about this

Depth Results?

yield loss running 10% on this job -

\* Set up -

Program for depth testing  
State cores ea lane every 500' -  
Plans -

- ✓ 5. Change Order #3 to Ed Bell  
Signed & mailed -
- ✓ 6. Outfall Channel - Erosion (SWPPP) / implement  
will clean up erosion - DALTON -
- ✓ Rip Rap does not meet specs -
- ✓ 7. Addison/Dallas ILA Agreement making progress - make sure facilities are being installed  
Electricians has the detail - Rob will check.  
(E.L. Dalton in Next week to start underdrain)

✓ 8. Tree Drains/Tree Sumps E. L. Dalton/Hankins  
issue

✓ 9. New Streetlight location @ Arapa  
Quorum - LOT given to Rob Weber  
Rob will talk to Mels electric re this -

✓ 10. Existing streetlight to be moved -  
Ed Bell to construct light foundation  
TU notified -

→  
Ed Bell Have foundation detail that TU reg's?

✓ 11. Sketch showing slope to drop off  
problem @ Sta 54+80 given to Rob  
Akby.

✓ Also discussed connecting flume

12. ~~Other Items~~ Traffic Signal @ see attached  
Signal discussion  
Sheet  
Arapaho - Discussion /

\* 13. Tree @ Carr America - JEP to ~~talk~~  
talk to Carr America -

~~Next Meeting~~ -

next meeting

# Signal Discussion

11-6-98

- ✓ Set new Signal pole  
Feed Temp from exist controller

alternate:

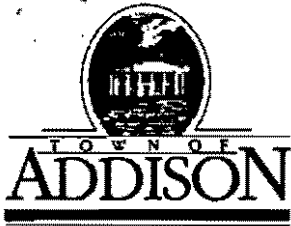
Don't pour R Turn lane  
or

Leave out around exist  
Signal - keep exist signal in open

Trucks no r turn signage

- ✓ "Alert" - Power to exist controller comes from a source near RR. Conduit may be shallow. if too shallow, may need temp power to controller.

- ✓ Also, 120V interconnect comes from RR Signal box to our controller. It would have to be strung temporarily over head.



# LETTER OF TRANSMITTAL

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

DATE	11-5-98	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
5			Sketch showing solution to "drop off" problem at Sta. 54+80 between ledge of sidewalk and new "Y" inlet

**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 call if you have any questions.

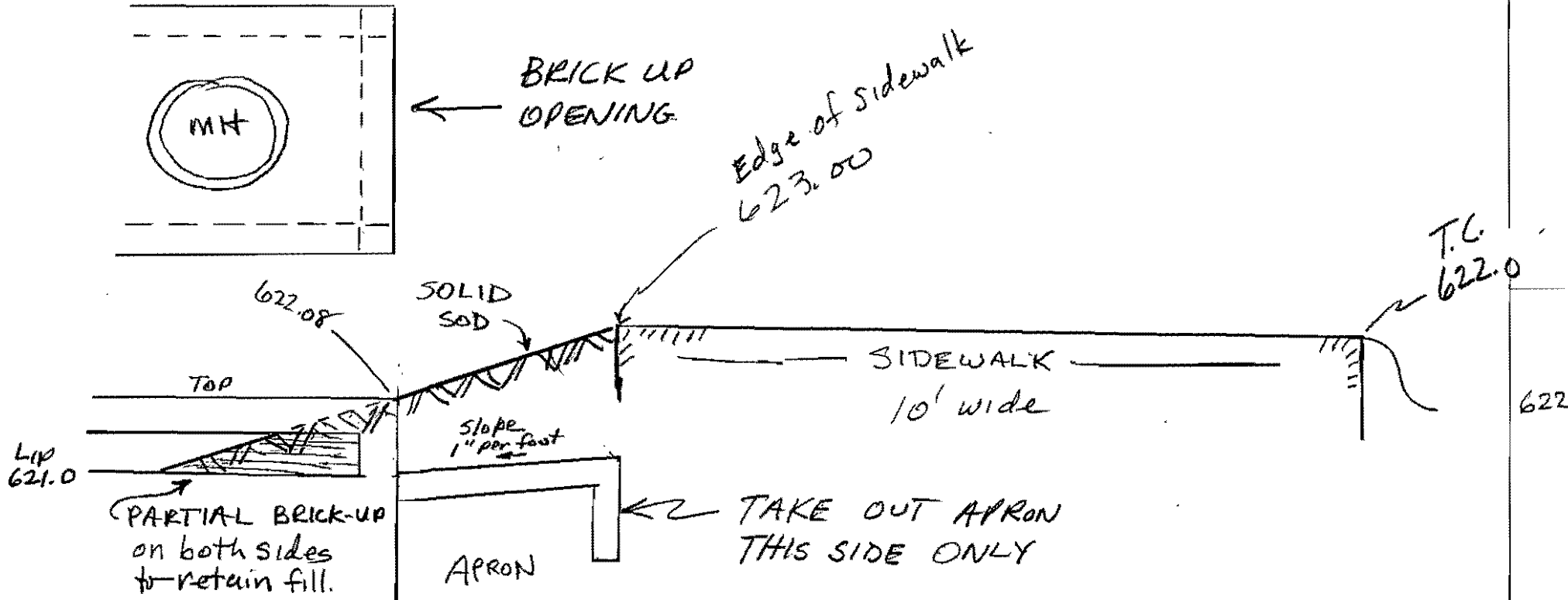
COPY TO Dave Wilde

SIGNED: Jim Lewis

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



PLAN VIEW ↴



Note: Compact all loose/fill material

"Y" Inlet Detail  
 Reference sheet ST-15

"Y" Inlet Plan sheet P-5

Sta 54+80  
 PROFILE FROM  
 CURB TO "Y"  
 INLET

Scale 1/2" = 1'-0"

11-4-98

J.P.



# LETTER OF TRANSMITTAL

**Public Works / Engineering**  
1801 Westgrove • P.O. Box 144  
Addison, Texas 75001  
Telephone: (214) 450-2871 • Fax: (214) 931-6643

DATE	11-5-98	JOB NO.
ATTENTION		
RE	Arapaho Rd	

Bobby Inmon  
TW Electric

**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			Copy of portion of Arapaho/Quorum Intersection

**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**

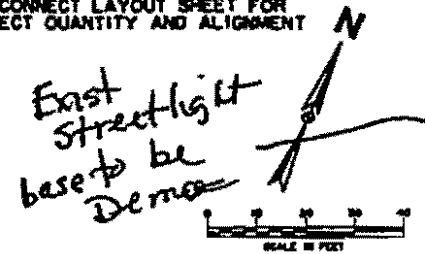
This shows an existing street light that needs to be moved over a couple of feet into the new median. For now, it needs to be taken down so work can proceed. Please enter this into your list of things that need to be done. Need this ASAP.

**COPY TO** Dave Wilde

**SIGNED:** Jim Lince

4	321	307	420	560	560	591	64	680	630	4	4	1	2	2	-	2	2	8	8	8	1
RUN NO.	CONDUIT	20' W	15'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'
A	2" PVC																				
B	3" PVC	15	15			15	15														
C	3" PVC	104	104	104	104	104	104														
D	2-3" PVC	12	36	48	48	48	48	12	6												
E	3" PVC	20	20	20	20	20	20	20	14												
F	3" PVC	20	10	10	10	10	10														
G	2" PVC							176	170												
H	2" PVC	18	18						10												
I	2" PVC	80						80	74												
J	2" PVC	32						32	26												
K	4" PVC	107	214	214	214	214	214		101												
L	3" PVC	24	12	12	12	12	12		7												
M	3" PVC	126	126	126	126	126	126		120												
N	3" PVC	11	11	11	11	11	11		5												

INTERCONNECT  
 SEE INTERCONNECT LAYOUT SHEET FOR INTERCONNECT QUANTITY AND ALIGNMENT



East Streetlight base to be Demolished

New Streetlight

New Streetlight

DALLAS AREA RAPID TRANSIT

ARAPAHO ROAD

QUORUM DR.

MCI BURIED CABLE ADRIAN THESE 48 HOURS PRIOR TO CONSTRUCTION

STA 52+04.75 38.14' LT.

VIDEO CAMERA #1

VIDEO CAMERA #2

MCM COMPANY

STA 51+91.02 75.84' RT.

VIDEO CAMERA #4

VIDEO CAMERA #3

STA 53+05.19 35.85' RT.

BROOKS BURIED CABLE CONTACT THERESA HARDIN 972/753-1900 48 HOURS PRIOR TO ANY CONSTRUCTION IN THIS AREA

CARRAMERICA REALTY LIMITED PARTNERS

TWO STORY CONCRETE PARKING GARAGE

Pole here to be moved for k

Existing Streetlight

VIDEO CAMERA	
B	
A	
E OF POLE	
FEET	
E	
40	
36	
40	
36	

# HUITT-ZOLLARS

Huitt-Zollars, Inc. / 3131 McKinney Avenue / Suite 600 / LB 105 / Dallas, Texas 75204-2489 / 214/871-3311 / FAX 214/871-0757

November 5, 1998

Mr. Jim Pierce, P.E.  
Town of Addison  
Public Works Department  
P.O. Box 144  
Addison, TX 75001

Re: Arapaho Road

Dear Mr. Pierce:

In response to your questions concerning cracks in the new concrete pavement on Arapaho Road, I made a site visit on Tuesday afternoon November 3, 1998. I walked the entire project and looked at the construction that has been completed to date. The following list contains my observations and recommendations:

- There is a radial crack at each corner of the Existing Arapaho Road / Arapaho Road intersection across the crosswalk. These cracks appear to be result of sawed dummy joints not being cut in the pavement. Assuming the concrete pavement is the proper strength and thickness, the cracks should be routed and sealed.
- I counted four transverse cracks in the right turn lane from paving stations 45+00 to 47+00 on the north side of Arapaho Road. These cracks appear to be result of sawed dummy joints not being cut within the 5 to 12 hour window as specified by NCTCOG Specifications. Assuming the concrete pavement is the proper strength and thickness, the cracks should be routed and sealed.
- There is a radial crack at each corner of the driveway located at paving station 55+66.98 to the CarrAmerica property across the crosswalk. These cracks appear to be result of sawed dummy joints not being cut in the pavement. Assuming the concrete pavement is the proper strength and thickness, the cracks should be routed and sealed.
- There is only one longitudinal sawed dummy joint in the center of the 45-ft. wide northbound Spectrum Drive pavement. If cracks develop in this section of pavement they should be routed and sealed. Construction or longitudinal joints should be located at each lane as detailed on Construction Drawing P-1.
- There is a section of pavement in the north lane of eastbound Arapaho Road across from the driveway at station 63+64.25 where three sawed dummy joints were marked with chalk but were not cut. If cracks develop in this section of pavement they should be routed and sealed.
- The stone riprap that was placed at the outfall of Stormwater Lines C-2 & C-3 does not meet the NCTCOG Specifications and was not installed as specified on Construction Drawing ST-12. There was also no evidence of erosion control measures in and around the outfall channel.

Please feel free to call if you have any questions.

Sincerely,

**HUITT-ZOLLARS, INC.**



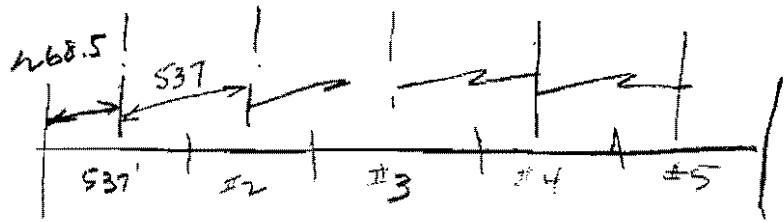
Kenneth A. Roberts, P.E.  
Vice President

cc: John  
Robin  
Dave

H:\PROJ\01177201\VP110598.DOC



268.5



2685'

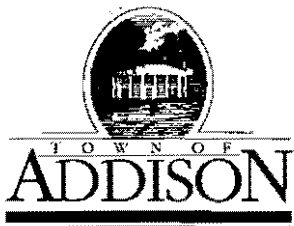
@ 500' " Units = 5.37 units

Say 5 units.

$$\frac{537}{2} = 268.5$$

$$\frac{2685}{5} = 537' \text{ per unit}$$

<u>Location</u>	<u>Station</u>	<u>Begin station</u>	<u>End station</u>
Addison Rd	40+35		
Unit One	43+03	40+35	45+72
Unit Two	48+40	45+72	51+09
Unit Three	53+77	51+09	56+46
Unit Four	59+14	56+46	61+83
Unit Five	64+51	61+83	67+20
Toll Rd	67+20		
Unit Six	Edwin Lewis Drive, Quorum Dr, N45 and Spectrum		



Resub. - to  
Pat Rivera &  
Bobby Inman  
6-15-99

# LETTER OF TRANSMITTAL

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

DATE	11-4-98	JOB NO.
ATTENTION		
RE:	Arapaho Rd	

TO Robert Weber  
Ed Bell Construction

**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
5			Drawing showing new streetlight location & new video camera location.

**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** One of the purposes of the new streetlight location is to provide a better mounting location for the video camera. We should have existing pay items for this work except for conduit up the streetlight for mounting the camera. Please incorporate this change into the work and advise of any additional charges.

**COPY TO** Dave Wilde  
Bobby Inman

**SIGNED:** Jim Lucie

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

DALLAS/FORT WORTH AIRPORT

**Marriott**

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

*Discussed @ 11-6-98 Meeting*

*Make sure JLA*

*Facilities have been  
Installed*

*JW's*  
Steakhouse

 **pitchers**  
Good Times Are Always Brewing

  
**Pizza  
Hut**

VIDEO CAMERA	EA.	4
3M OPTICOM DETECTOR	EA.	4
PEDESTRIAN PUSH BUTTON	E	8
<b>CABLE WIRE</b>		
5 CONDUCTOR RR	L.F.	321
7 CONDUCTOR *12	L.F.	307
5 CONDUCTOR *12	L.F.	420
16 CONDUCTOR *12	L.F.	560
COAX CABLE	L.F.	560
1 CONDUCTOR *6 GROUND	L.F.	591
2 CONDUCTOR *6 POWER	L.F.	64
3 CONDUCTOR VIDEO	L.F.	680
4 CONDUCTOR OPTICOM	L.F.	630
<b>SIGNS</b>		
MR10-12	EA.	4
R3-4	EA.	4
<b>FOUNDATIONS</b>		
CONTROLLER	EA.	1
TYPE 30-A	EA.	2
TYPE 30-B	EA.	2
<b>POLES:</b>		
SIGNAL PEDESTAL	EA.	-
MAST ARM POLE	EA.	2
W/ 38" ARM	EA.	2
W/ 40" ARM	EA.	2
<b>SIGNAL HEADS:</b>		
4 SECTION 12" LENS	EA.	8
3 SECTION 12" LENS	EA.	8
2 SECTION PEDESTRIAN	EA.	8
<b>MISCELLANEOUS:</b>		
CONNECT TO RAILROAD GATE	L.S.	1
CONTROLLER	L.S.	1
INSTALL TUE PEDESTAL & METER	L.S.	1

RUN NO.	SIZE/TYPER CONDUIT	2" CONC. WIR.	3" WIR.	CO.	4" CA	H	3	5	LENG'
* A	2" PVC								
B	3" PVC	15	15	15	15	15			9
C	3" PVC	104	104	104	104	104			98
D	2-3" PVC	12	36	48	48	48	12		6
E	3" PVC	20	20	20	20	20	20		14
F	3" PVC	20	10	10	10	10			4
G	2" PVC							176	170
H	2" PVC	16	16						10
I	2" PVC	80						80	74
J	2" PVC	32						32	26
K	4" PVC	107	214	214	214	214			101
L	3" PVC	24	12	12	12	12			7
M	3" PVC	126	126	126	126	126			120
N	3" PVC	11	11	11	11	11			5

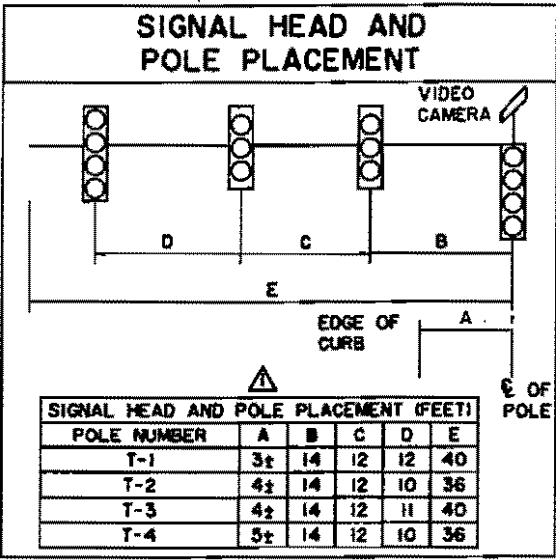
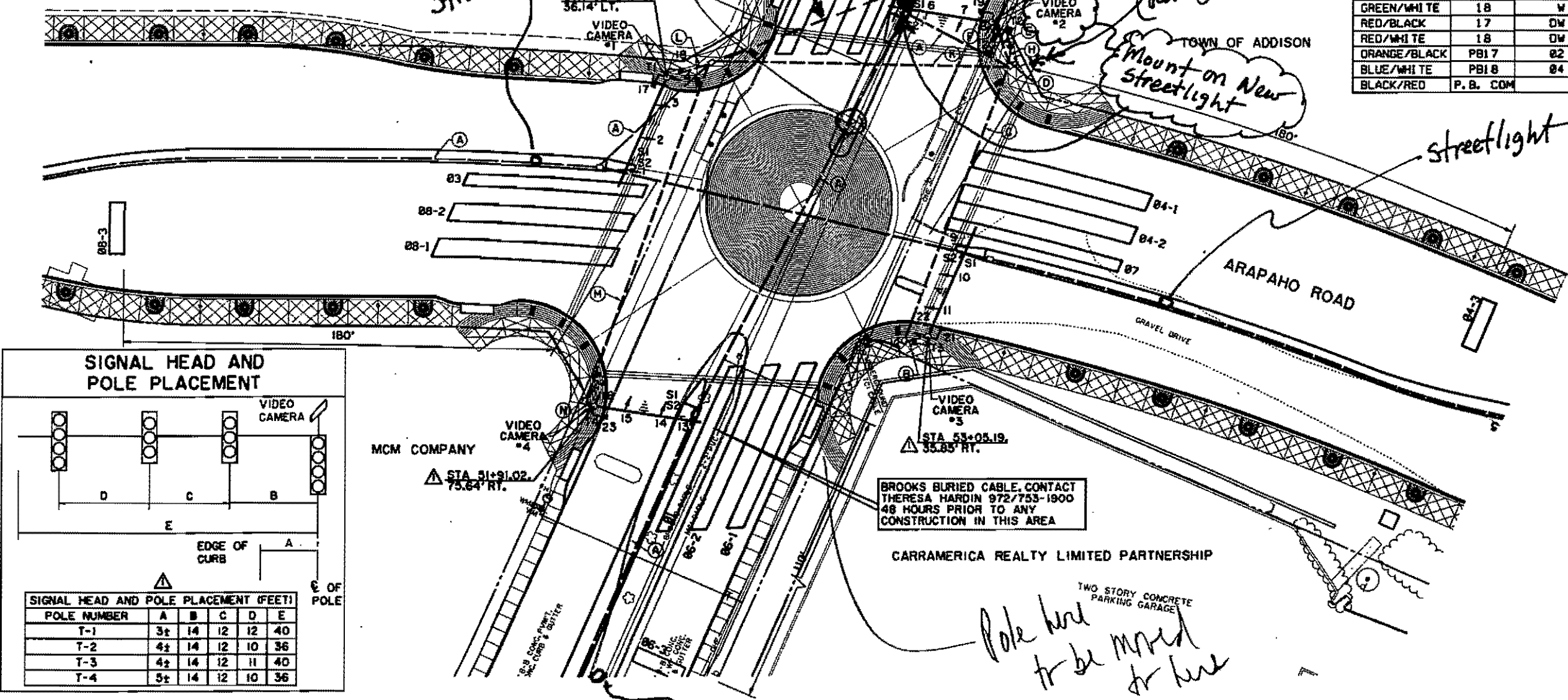
\* INTERCONNECT  
 \* SEE INTERCONNECT LAYOUT SHEET FOR INTERCONNECT QUANTITY AND ALIGNMENT

- NOTES:
- ALL CABLE SHALL BE RUN CONTINUOUSLY WITHOUT SPLICES.
  - SEE INTERCONNECT LAYOUT SHEET FOR 2" PVC RUN A ALIGNMENT AND SUMMARY.
  - CONTRACTOR SHALL CONTACT TU ELECTRIC TO COORDINATE DISCONNECT AND RECONNECT OF EXISTING STREET LIGHT CIRCUIT. CONTRACTOR SHALL INSTALL NEW FOUNDATION, CONDUIT AND CONDUCTOR IF NECESSARY TO RELOCATE SERVICE POLE.
  - VIDEO CAMERAS SHALL BE MOUNTED ON TOP OF SIGNAL POLE AND AIMED IN THE SAME DIRECTION AS SIGNAL HEADS AND ALIGNED TO DETECT ZONES SHOWN ON THIS SHEET.
  - STREET NAME SIGNS WILL BE INSTALLED BY THE TOWN OF ADDISON.
  - TUE WILL PROVIDE PEDESTAL & METER FOR CONTRACTOR TO INSTALL.

5	V4LT	01		
6	V3	06	I	
7	V3	06	I	
8	V4RT	06		I
9	V4LT	03		I
10	V3	08	I	
11	V3	08	I	
12	V4RT	08		I
13	V4LT	05		I
14	V3	02	I	
15	V3	02	I	
16	V4RT	02		I
17,24	PED	02P		
18,19	PED	04P		
20,21	PED	06P		
22,23	PED	08P		
TOTALS			B	B

CABLE CONDUCTOR	T-1		T-2		T-3		S. H.
	S. H. NO.	INDICATION	S. H. NO.	INDICATION	S. H. NO.	INDICATION	
WHITE/BLACK	SPARE		SPARE		SPARE		SPA
WHITE	COMMON		COMMON		COMMON		COM
RED	1-4	R	5-8	R	9-12	R	13-
ORANGE	1-4	Y	5-8	Y	9-12	Y	13-
GREEN	1-4	G	5-8	G	9-12	G	13-
BLUE	1	-G	5	-G	9	-G	3
BLACK	1	-Y	5	-Y	9	-Y	3
BLUE/BLACK	4	G-	8	G-	12	G-	16
BLACK/WHITE	4	Y-	8	Y-	12	Y-	16
GREEN/BLACK	17	W	19	W	21	W	23
GREEN/WHITE	18	W	20	W	22	W	24
RED/BLACK	17	DW	19	DW	21	DW	23
RED/WHITE	18	DW	20	DW	22	DW	24
ORANGE/BLACK	PB17	02	PB19	04	PB21	06	PB2
BLUE/WHITE	PB18	04	PB20	06	PB22	08	PB2
BLACK/RED	P. B. COM		P. B. COM		P. B. COM		P. B.

- LEGEND
- PROPOSED PEDESTRIAN SIGNAL
  - CONDUIT RUN NUMBER
  - SIGNAL HEAD NUMBER
  - PROPOSED SIGNAL HEAD
  - PROPOSED SIGNAL CONDUIT
  - EXISTING SIGNAL CONDUIT
  - FUTURE SIGNAL CONDUIT
  - PROPOSED PULL BOX
  - EXISTING PULL BOX
  - PROPOSED SIGNAL POLE
  - LEFT TURN ON ARROW SIGN
  - OPTICOM
  - DETECTION ZONE FOR VIDEO
  - TUE SWITCHGEAR
  - TUE PEDESTAL SOURCE & METER



SIGNALIZATION				
ARAPAHO ROAD & QUORUM DR				
ARAPAHO R				
ADDISON ROAD TO DALLAS				
TOWN OF ADDISON				
Hull-Zellers, Inc./Consulting				
Dallas, Fort Worth, Houston, Phoenix				
DESIGN	DRAWN	APPR.	SCALE	DATE
HZI	HZI	DLM	1"=20'	OCT 9'



### TRANSMITTAL LETTER

**TO:** Jim Pierce  
Department of Public Works  
16801 Westgrove  
Addison Texas 75248

**PROJECT:** Arapaho Streetscape

**PROJECT #:** 97018

**DATE:** November 3, 1998

**We transmit:**

- Herewith
- Under separate cover via

**For your:**

- Approval
- Review & Comment
- Use
- Distribution to parties
- Record

**The following:**

- Drawings
- Specifications
- Change Order
- Disk
- Shop Drawing Prints
- Shop Drawing Reproducibles

Copies	Date	Rev. No.	Description
5	11/3/98		Addition of Tree Drains.

**REMARKS:** Jim,  
Enclosed are 5 half size prints and 1 full size. I have calculated out the drains going in both directions in the areas we discussed yesterday. If you have any questions please give me a call.

COPIES TO (WITH ENCLOSURES)

*Sheets PL-5 & PL-6 that did not have elevations on them before when submitted*

By: Doug Harvey



# LETTER OF TRANSMITTAL

**Public Works / Engineering**

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

DATE	11-3-98	JOB NO.
ATTENTION		
RE:	Arapaho Rd Tree Drains	

TO Nelson Mitchell  
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
3			Arapaho Rd Streetscape Sheets PL-5 & PL-6 by MESA Design Group

**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** These drawings, submitted previously, did not have tree drain elevations shown. The elevations are shown on the attached. Some alternate elevations are shown "bucking" street grade. We do not want to buck grade.

**COPY TO** Dave Wilde w drawings  
Rob Weber w/o drawings

**SIGNED:** Jim Lewis

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

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Ken Roberts

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

Company: Huitt Zollars

FAX #: 214-871-0757

Date: 11-3-98

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

# of pages (including cover): 1

Re: Arapaho Rd Pavement Cracks

- Original in mail       Per your request       FYI       Call me

Comments: Ken - we would like to have  
your recommendation(s) in writing  
regarding the cracks that have  
developed in the pavement on  
Arapaho. Repair - Replace, etc.

Jim

**ED BELL CONSTRUCTION COMPANY**POST OFFICE BOX 540787  
DALLAS, TEXAS 75354-078710605 HARRY HINES  
DALLAS, TEXAS 75220

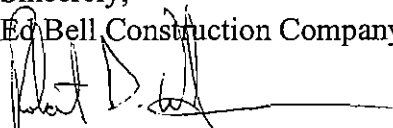
November 3, 1998

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 Town of Addison has requested a price to temporarily install, remove, and adjust the traffic signal at the intersection of Arapaho Road and Addison Road. Our lump sum price for this work is \$26,880.00. This work will require that an additional four calendar days be added to the contract. Please inform our office of your decision regarding this issue. The signal wires need to be rerouted immediately, so that we can complete phase 1 paving when TU Electric finally removes their poles.

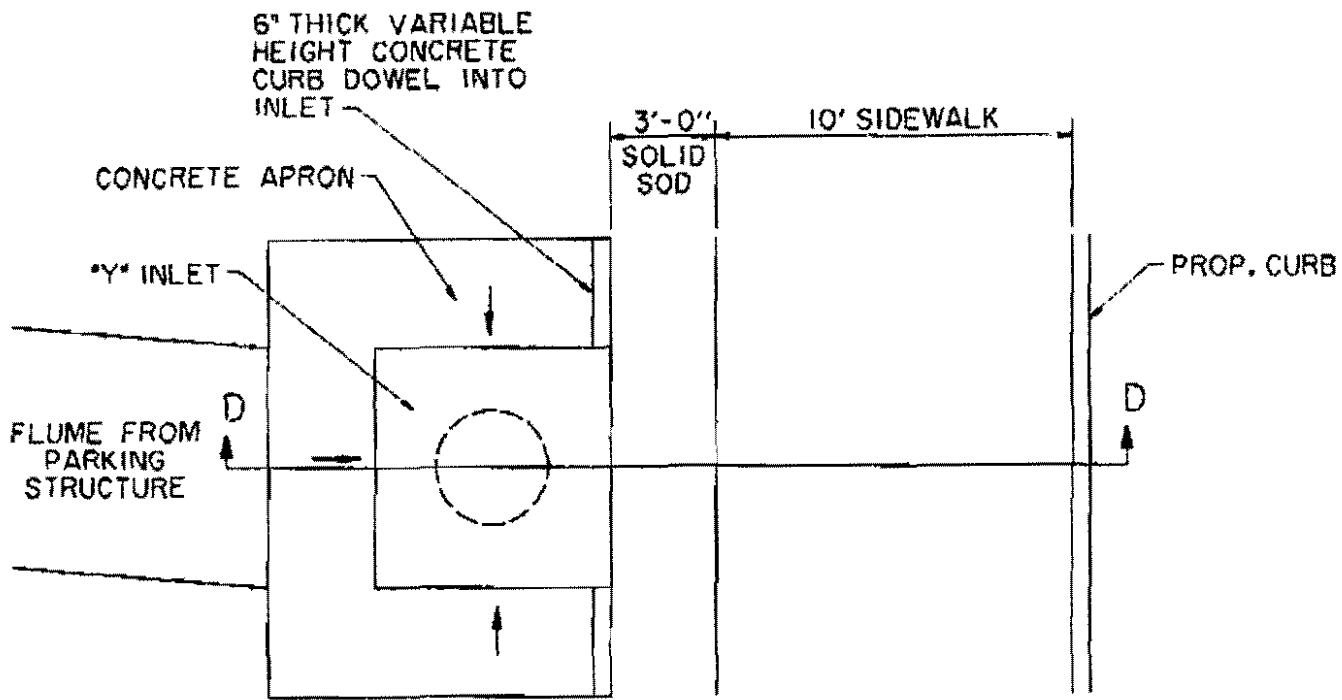
If you have any questions regarding this issue, don't hesitate to contact our office.

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

11-6-98  
alternatives to this  
were discussed. See  
meeting notes of this  
date

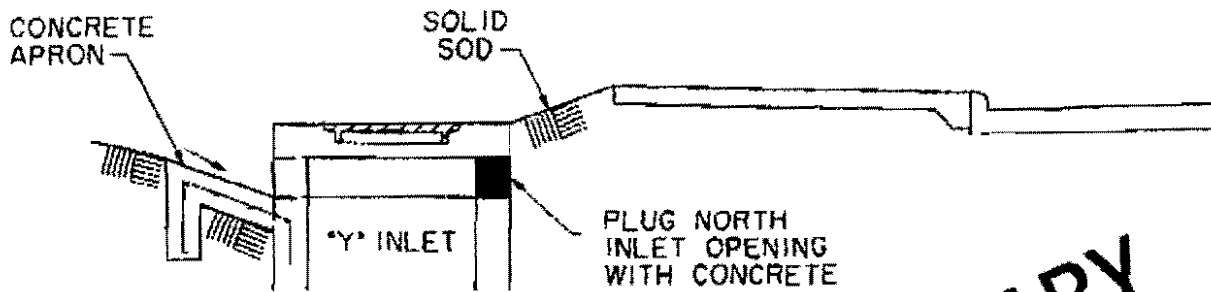






"Y" INLET CONCRETE APRON PLAN - STA. 54+80

N.T.S.



SECTION D-D

N.T.S.

**PRELIMINARY**

Y' INLET APRON  
MODIFICATIONS  
ARAPAHO ROAD  
PLAN SHEET ST-15  
NOVEMBER 2, 1998

# HUITT-ZOLLARS

Dallas • Fort Worth • Houston • El Paso • Phoenix • Tustin • Ontario • Albuquerque • Seattle • Tacoma

## FACSIMILE TRANSMITTAL

Date: 11-3-98

Fax No.: 972-450-2837

H-Z Proj. No. 01-1772-01

No. of Pages: 2  
(Including Cover Sheet)

TO: Jim Pierce  
Town of Addison  
Public Works

URGENT     For Your Review     Please Call Upon Receipt     Orig. To Follow By Mail

Y-101st Modification

Look this over and give me a call.

FROM: Ken Rolst

SENT BY: \_\_\_\_\_ TIME: \_\_\_\_\_ DATE: \_\_\_\_\_

*If you had any problems receiving this Facsimile Transmittal, please contact the individual listed above at (214) 871-3311. Thank you.*

3131 McKinney Avenue • Suite 600 • Dallas, Texas 75204-2489 • (214) 871-3311 • FAX (214) 871-8757

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Ken Roberts

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

Company: Heitt Zollars

FAX #: 214-871-0751

Date: 11-3-98

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

# of pages (including cover): 3

Re: Arapaho Rd - "Y" inlet @ Sta 54+80

Original in mail       Per your request       FYI       Call me

Comments: The flow to this inlet is  
9.99 cfs (from drainage map). The drawing  
shows what we want to do - block  
off some of the opening(s) and fill  
in between the inlet & sidewalk.

The calculations are my rough estimate  
of the capacity of the Y inlet with just  
one full side open. 2 other sides would  
add a little more capacity. Based on  
my calcs, the water would not exceed  
the elevation of the top of the inlet &  
probably would be less.

Do you agree?

Jim

Opening in 1' Inlet - concrete  
 $36" \times 7" = 1.75 \text{ ft}^2$



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

Hole in wall  
 $10" \times 36"$  wide

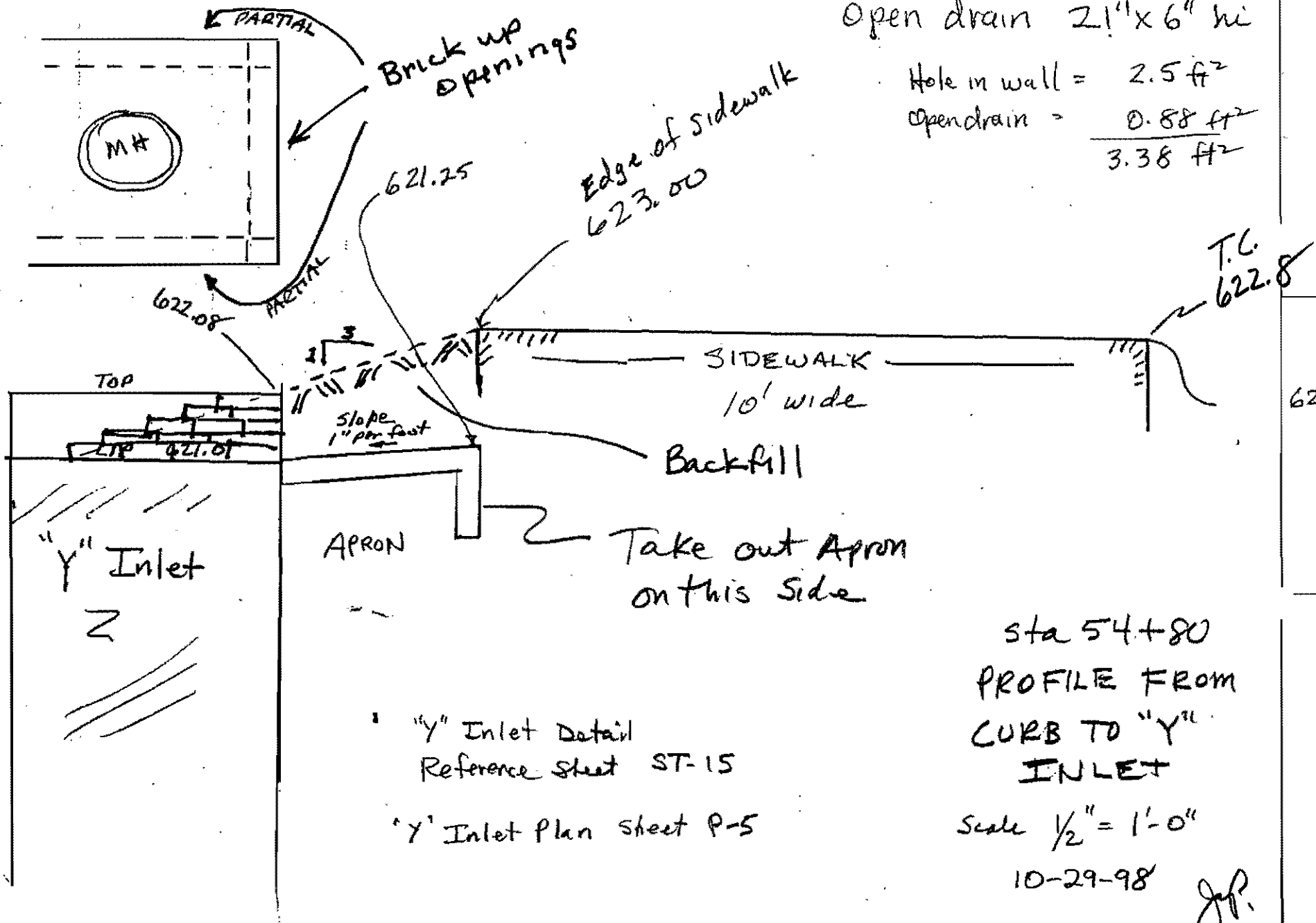
PLAN VIEW ↘

Open drain  $21" \times 6"$  hi

Hole in wall =  $2.5 \text{ ft}^2$   
 Open drain =  $0.88 \text{ ft}^2$   


---

 $3.38 \text{ ft}^2$



'Y' Inlet Detail  
 Reference sheet ST-15  
 'Y' Inlet Plan sheet P-5

sta 54+80  
 PROFILE FROM  
 CURB TO "Y"  
 INLET

Scale  $\frac{1}{2}" = 1'-0"$

10-29-98

J.P.

## Hydraulic Capacity of "Y" Inlet

$$v = \sqrt{2gh}$$

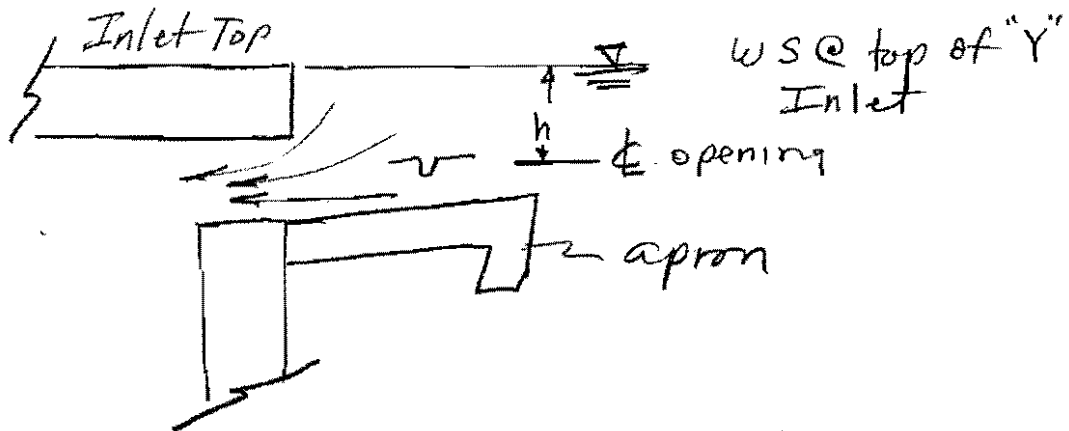
$$v = \sqrt{64.4 \times 0.79}$$

$$v = \sqrt{50.98}$$

$$v = 7.14 \text{ FPS} \text{ — velocity thru opening}$$

$$7.14 \frac{\text{ft}}{\text{sec}} \times 1.75 \text{ ft}^2 = 12.49 \frac{\text{ft}^3}{\text{sec}}$$

Flow delivered 9.99 cfs OK



$$v \text{ thru orifice: } v = \sqrt{2gh}$$

TOWN OF  
**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Ken Roberts

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

Company: Hunt Zollars

FAX #: 214-871-0757

Date: 10-30-98

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

# of pages (including cover): 2

Re: Arapaho - Y inlet @ Sta 54+80

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

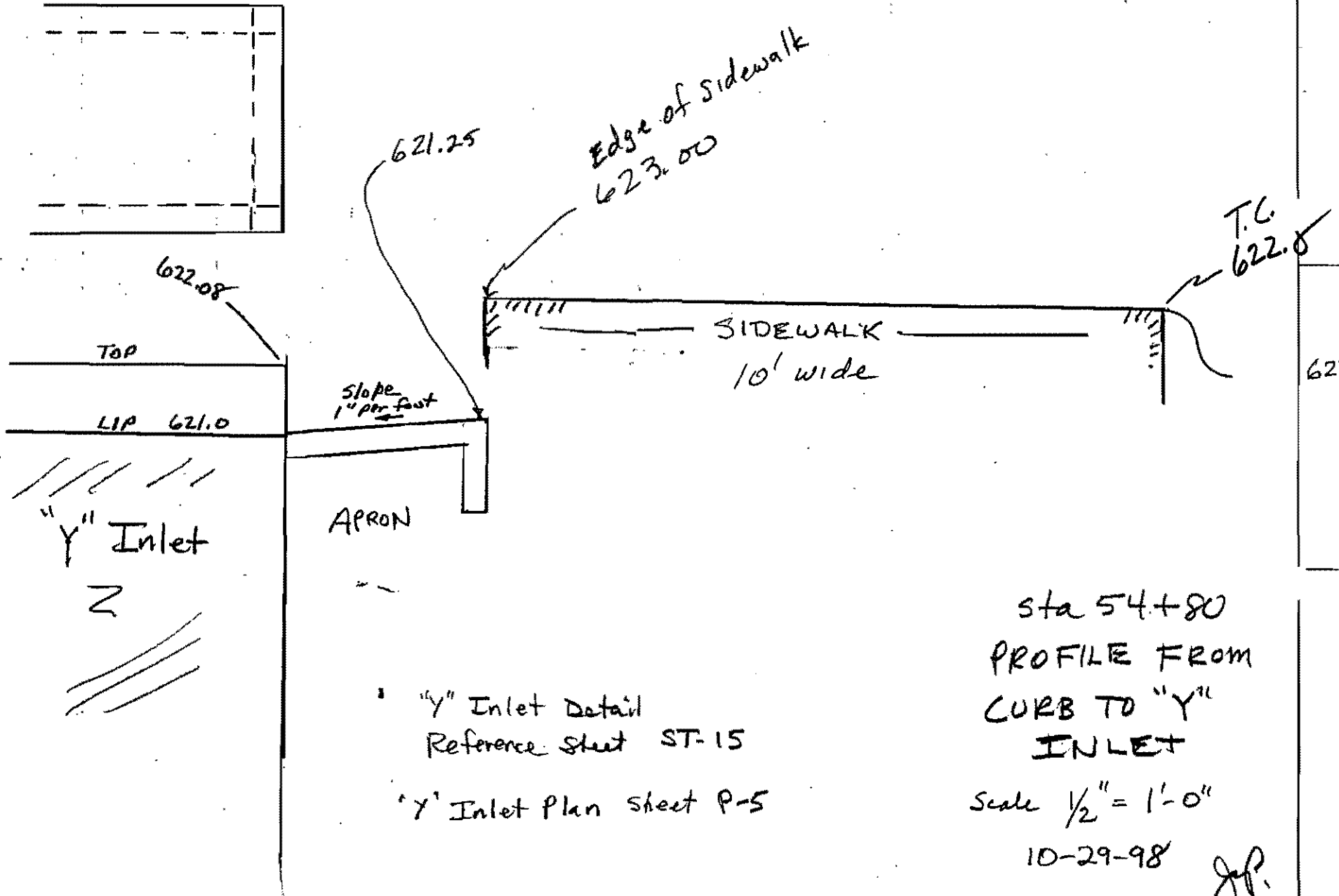
Comments: attached sketch shows a  
"drop-off" problem @ "Y" inlet.

Lets discuss

*Jim*



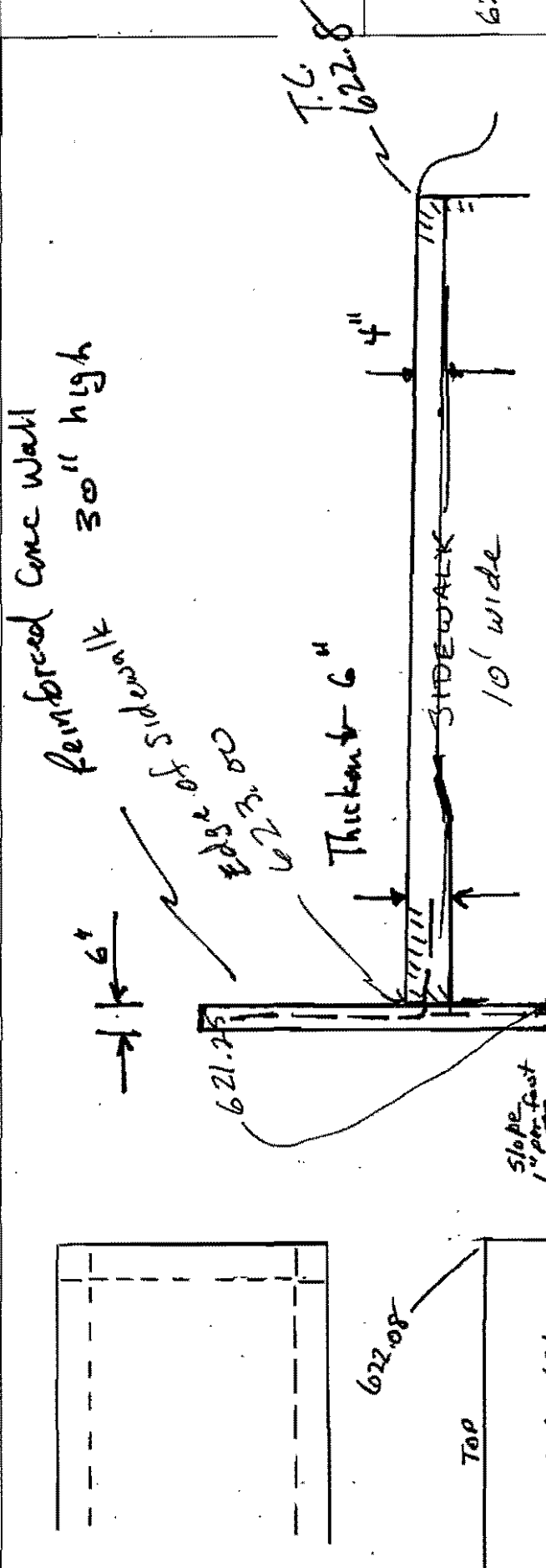
PLAN VIEW ↴







PLAN VIEW Z



sta 54+80  
 PROFILE FROM  
 CURB TO "Y"  
 INLET  
 Scale 1/2" = 1'-0"  
 10-29-98  
 J.P.

"Y" Inlet Detail  
 Reference Sheet ST-15  
 "Y" Inlet Plan Sheet P-5

10-29-98

10-29-98

Rasmussen

Teleport Comm

Group needs a

Sphinx

Didn't Cheney  
call you?

215-4715

th constructed

Dave Cheney

will do  
the work

its in AT&T's hands

ave facilities they can "roll  
over to"

they must contact customers - sphinx  
must be done at night -

ago

Jim Peck / AT&T

ied

214-215-4715

sure" began

ATT bought out TCG

Local Svcs

have no services for  
customers. Other customers  
have alts available.

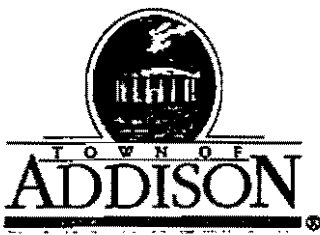
TCI will become part of

ATT around first of the yr.

11 over

- now ATT

"maintenance window"



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

October 28, 1998

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

Re: Arapaho Road Pot-hole Repair and Barricade Maintenance

Dear Mr. Weber:

This is to follow up on our conversation at our meeting on October 23, 1998 regarding pothole repair. As you know, we have had several complaints, including one that came through the City Manager's office, regarding potholes in the construction area. In order to remedy the situation, Ed Bell Construction agreed to inspect the job each morning and perform the necessary maintenance for the convenience and safety of the travelling public (barricade maintenance should also be included).

If the Town discovers potholes in need of repair, the Town shall notify Ed Bell Construction of the location and shall expect repair work to begin within 2 hours of such notice. If Ed Bell Construction cannot, or does not respond within the two-hour period, the Town will dispatch a crew to make the repair. In this case, the Town will charge Ed Bell Construction for the Town's cost, estimated to be \$100 per repair during normal working hours. After hours, labor charges are at time and one-half. A similar procedure shall be used for barricade maintenance.

Please call if you have any questions.

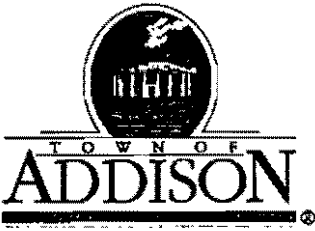
Very truly yours,

Town of Addison

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

cc: John Baumgartner, Director of Public Works

cc Robin ✓  
Dave ✓



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

October 28, 1998

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

Re: Arapaho Road Pothole Repair and Barricade Maintenance

Dear Mr. Weber:

This is to follow up on our conversation at our meeting on October 23, 1998 regarding pothole repair. As you know, we have had several complaints, including one that came through the City Manager's office, regarding potholes in the construction area. In order to remedy the situation, Ed Bell Construction agreed to inspect the job each morning and perform the necessary maintenance for the convenience and safety of the travelling public (barricade maintenance should also be included).

If the Town discovers potholes in need of repair, the Town shall notify Ed Bell Construction of the location and shall expect repair work to begin within 2 hours of such notice. If Ed Bell Construction cannot, or does not respond within the two-hour period, the Town will dispatch a crew to make the repair. In this case, the Town will charge Ed Bell Construction for the Town's cost, estimated to be \$100 per repair during normal working hours. After hours, labor charges are at time and one-half. A similar procedure shall be used for barricade maintenance.

Please 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

cc Robin ✓  
Dave ✓

# Arapaho Rd Const. Meeting

10-23-98

## Sign-In-Sheet

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Preiss	Addison	972-450-2879
Leslie Kemp	Irrig - Tech	972-731-5151
JAMES L. McKNIVY	E.L. DALTON	(214) 571-2500
MIKE CLAXTON	E.L. DALTON	(214) 571-2500
Quinton Wilbanks	Ed Bell Const	214 358-6581
Ben Bishop	E.L. Dalton	214-571-2528
ROBERT WEBER	EBCC	(214) 358-6581
Rick Weibler	MEPC	972 687 7797
Dave Wilde	Town of Addison	972) 450-2847/2837

# Arapahoe Rd Const. Meeting

10-23-98

1. Colonnade Driveway Coordination Behind Row  
Line MEPC pay for work & finishes

2. MCI Construction — Beginning of  
Intersection clear Phase III

Storm Sewer Scheduled on Spectrum  
Contingent on SWB Dist Layout

3. TU/TCI Clearing files  
Need guys moved too

4. N. TX Bomenite / MESA / Addison —  
Town involved —

✓ 5. Concrete Tests not meeting specs —

✓ 6. Sidewalk/Crosswalks Leaverts — Timing

✓ 7. Invoicing Procedure  
Quantities agreement with D. Ullde

Current Estimate

- ✓ 8. Pothole Repair: - Anticipation
- Notify Contractor
  - 2 hour response
  - City crews - \$100 per pothole

✓ 9. Change Order Request for \$6,061.72  
Discussion - Explanation

10. Other Items

\*

© Spectrum & New Arapaho SW Bell Dent must be covered  
Nelson - Status

Quorum Arch will be paved with hot mix -  
Paver Const. will do the brick -

11. Next Meeting -

Outfall channel seeding - in spring  
Repair erosion -

DRAFT

October 9, 1998

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

Re: Arapaho Road

Dear Mr. Weber:

As you know from our previous written communications, and our meeting in the field on September 23, 1998, we are concerned about the paving joints made up against the main lanes of paving that has been installed to date between Addison Road and Quorum Drive. We believe these joints do not meet the plans and specifications for the project.

At this juncture, we believe there are two options available:

1. Saw cut and remove the suspect joints and repair as recommended by our consulting engineer.
2. Extend the project warranty to cover the suspect joints for a period of five years.

12-1-98  
Discussed with John and decided not to send this letter. Most of the joints will probably be ok as there is good foundation beneath the slabs. There could be some spalling because of movement between adjacent slabs, but it should be minimal. Really not much concern here.

J.P.



## Suspect joints

✓ 1 West Bound RT Turn lane 40+20 to 42+65

✓ 2 West Bound RT Turn <sup>Lane</sup> into DART 45+00 to 46+50

~~West Bound Left Turn Lane 46+00 to 46+55~~

✓ 3 West Bound RT Turn <sup>Lane</sup> into DART 49+00 to 51+50

✓ 4 West Bound Left Turn Lane 49+40 to 50+40

✓ 5 East Bound Left Turn Lane 46+57 to 48+20

✓ 6 East Bound Left Turn Lane 50+00 to 51+65

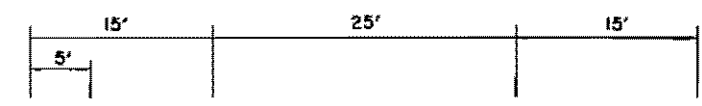
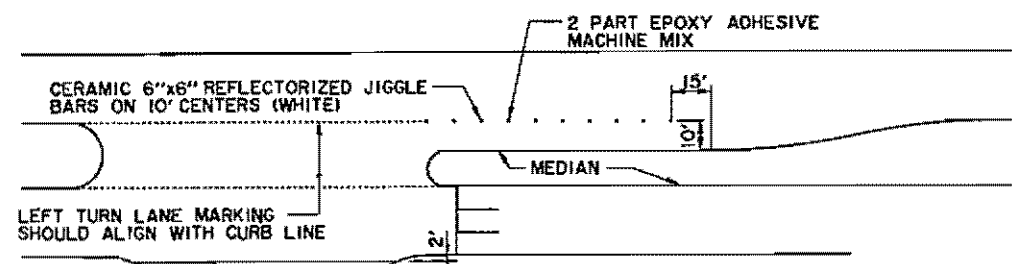
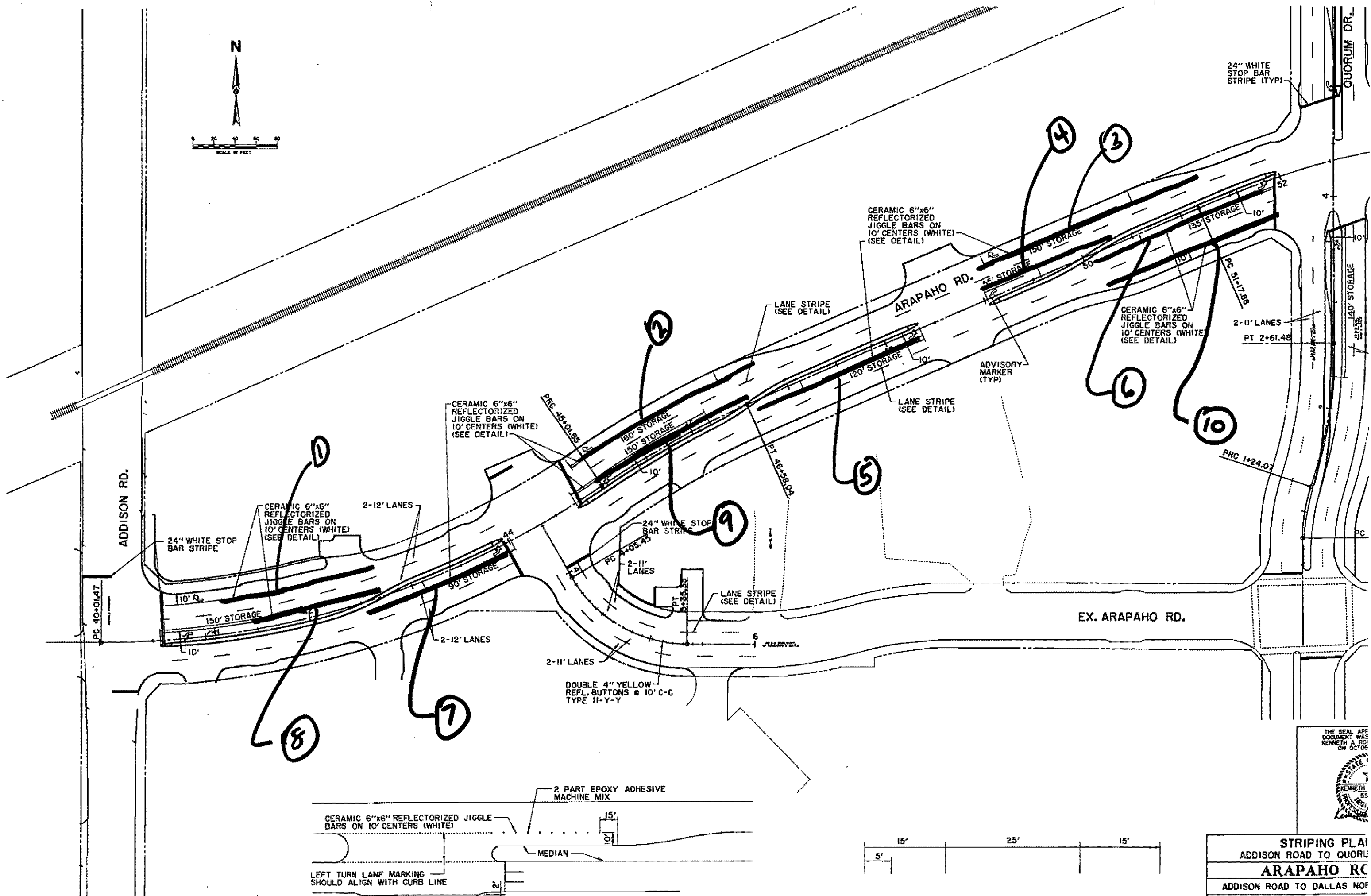
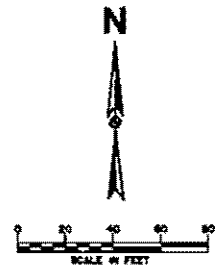
✓ 7 East Bound Left Turn Lane 42+74 to 43+85

✓ 8 West Bound Left Turn Lane 41+50 to 42+80

↓ 9 West Bound Left Turn Lane 45+00 to 47+00

↓ 10 East Bound Right Turn Lane 50+00 to 51+17

~~11 East Bound Left Turn Lane 49+80 to 51+50~~



STRIPING PLAN  
 ADDISON ROAD TO QUORUM  
**ARAPAHO RD**  
 ADDISON ROAD TO DALLAS

THE SEAL AND DOCUMENT WAS  
 KENNETH A. ROY  
 ON OCTOBER

THE SEAL AND DOCUMENT WAS KENNETH A. ROY ON OCTOBER...  
 THE SEAL AND DOCUMENT WAS KENNETH A. ROY ON OCTOBER...  
 THE SEAL AND DOCUMENT WAS KENNETH A. ROY ON OCTOBER...



**LAND DESCRIPTION  
LANDSCAPE & UTILITY EASEMENT**

**PARCEL NO. 1E  
ARAPAHO ROAD  
PAGE 1 OF 3  
JULY 16, 1998**

BEING 0.0422 of an acre of land situated in the G.W. Fisher Survey, Abstract No. 482, Town of Addison, Dallas County, Texas and being a portion of the 63,247 square foot tract of land described in special warranty deed as recorded in Volume 97109, Page 03158 of the Deed Records of Dallas County, Texas, and a portion of the 96,838 square foot tract of land described in replacement warranty deed from ABP Investment #111, Ltd. to Joseph H. Jones, Beth Brandeberry, Carolyn Perkins Shimer Merritt and Samuel Thomas Perkins, Co-trustees of The Mary Coffield Trust, The Annette Coffield Trust, The Evelyn C. Jones Trust, The Beth Brandeberry Trust and the Corinne Shimer Trust and A. Ben Pinnell, Jr. as recorded in Volume 97155, Page 03042 of the Deed Records of Dallas County, Texas, being more particularly described as follows:

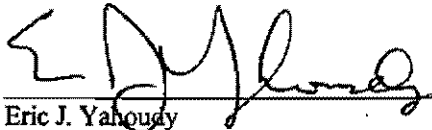
- (1) COMMENCING at a 5/8 inch iron rod found at the southeast corner of said 96,838 square foot tract, same being the southwest corner of a tract of land described in instrument to Southwestern Bell Telephone Company as recorded in Volume 86207, Page 3192 of the Deed Records, Dallas County, Texas, said point also being on the north right-of-way line of Arapaho Road;
- (2) THENCE North 89 degrees 35 minutes 00 seconds West along the said southerly line of said 96,838 square foot tract and northerly right-of-way line of Arapaho Road a distance of 430.16 feet to a cut cross found in concrete for the most southwesterly corner of said 96,838 square foot tract;
- (3) THENCE North 44 degrees 31 minutes 05 seconds West along the southwesterly line of said 96,838 square foot tract and northeasterly right-of-way line of Arapaho Road a distance of 21.18 feet to a cut cross found in concrete for a corner on the westerly line of said 96,838 square foot tract and east right-of-way line of Addison Road (60 foot wide right-of-way) as described in instrument to the City of Addison as recorded in Volume 334, Page 0106 of the Deed Records of Dallas County, Texas;
- (4) THENCE North 00 degrees 17 minutes 50 seconds East along the westerly line of said 96,838 square foot tract and easterly right-of-way line of Addison Road a distance of 27.66 feet to a cut cross found in concrete for the POINT OF BEGINNING of this tract, same being the most westerly southwest corner of said 63,247 square foot tract;
- (5) THENCE continuing North 00 degrees 17 minutes 50 seconds East along the westerly line of said 96,838 square foot tract and easterly right-of-way line of Addison Road a distance of 6.02 feet to a point for a corner;
- (6) THENCE North 90 degrees 00 minutes 00 seconds East departing the westerly line of said 96,838 square foot tract and easterly right-of-way line of Addison Road a distance of 19.76 feet to a point for a corner;
- (7) THENCE South 00 degrees 18 minutes 07 seconds West a distance of 4.14 feet to the point of curvature of a curve to the left, having a central angle of 95 degrees 05 minutes 26 seconds, a radius of 8.00 feet, and being subtended by a 11.81 foot chord bearing South 47 degrees 14 minutes 36 seconds East;
- (8) THENCE southeasterly along said curve to the left an arc distance of 13.28 feet to a point for a compound curve to the left, having a central angle of 06 degrees 33 minutes 47 seconds, a radius of 755.99 feet, and being subtended by a 86.55 foot chord bearing North 81 degrees 55 minutes 47 seconds East;
- (9) THENCE northeasterly along said curve to the left an arc distance of 86.60 feet to a point for a corner at the end of said curve;
- (10) THENCE North 90 degrees 00 minutes 00 seconds East a distance of 52.22 feet to the point of curvature of a curve to the right, having a central angle of 53 degrees 30 minutes 55 seconds, a radius of 5.43 feet and being subtended by a 4.89 foot chord bearing South 63 degrees 14 minutes 32 seconds East;

**LAND DESCRIPTION  
LANDSCAPE & UTILITY EASEMENT**

**PARCEL NO. 1E  
ARAPAHO ROAD  
PAGE 2 OF 3  
JULY 16, 1998**

- (11) THENCE southeasterly along said curve to the right an arc distance of 5.07 feet to a point for a corner on the southerly line of said 63,247 square foot tract, said point being the beginning of a non-tangent curve to the left, having a central angle of 07 degrees 50 minutes 36 seconds, a radius of 260.00 feet and being subtended by a 35.57 foot chord bearing South 81 degrees 06 minutes 50 seconds West;
- (12) THENCE westerly along said curve to the left and southerly line of said 63,247 square foot tract an arc distance of 35.59 feet to a cut cross found in concrete for the point of reverse curvature of a curve to the right, having a central angle of 08 degrees 44 minutes 10 seconds, a radius of 768.00 feet and being subtended by a 116.99 foot chord bearing South 81 degrees 33 minutes 37 seconds West;
- (13) THENCE westerly along said curve to the right and southerly line of said 63,247 square foot tract an arc distance of 117.10 feet to a cut cross found in concrete for a corner;
- (14) THENCE North 46 degrees 30 minutes 48 seconds West along the southerly line of said 63,247 square foot tract a distance of 27.38 feet to the POINT OF BEGINNING, CONTAINING 1,837 square feet or 0.0422 of an acre of land, more or less.

For Huitt-Zollars, Inc.



7-17-98

Eric J. Yahoudy  
Registered Professional Land Surveyor  
Texas Registration No. 4862  
Huitt-Zollars, Inc.  
3131 McKinney Avenue  
Suite 600  
Dallas, Texas 75204  
Phone: (214) 871-3311  
Date: July 16, 1998

**IE A. BEN PINNELL, ET AL**

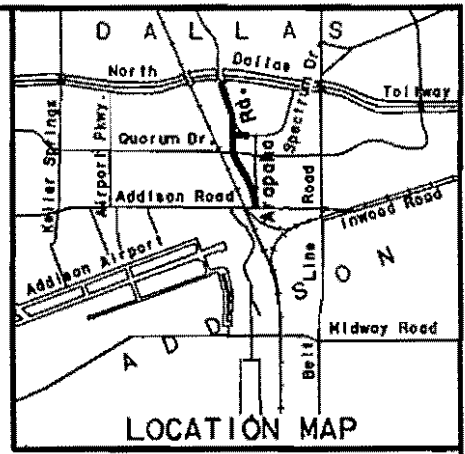
DALLAS AREA RAPID TRANSIT  
VOL. 96089 PG. 05197

TOWN OF  
ADDISON  
TEXAS  
VOL. 96099  
PG. 00027

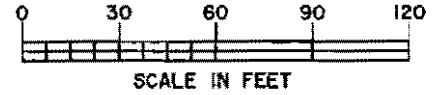
CL PT STA. 5+35.33

100.00'  
SOUTHWESTERN BELL  
TELEPHONE COMPANY  
VOL. 86207 PG. 3192

889°33'32"E  
64.67'  
R= 125.00'  
L= 129.86'



LOCATION MAP



INTERNATIONAL GUARANTY CORP.  
VOL. 82001 PG. 0817

QUORUM CENTRE ADDITION  
VOL. 84067 PG. 5718

A= 7°50'36"  
R= 280.00'  
L= 35.59'  
CB= 881°06'50"W  
C= 35.57'

QUORUM CENTER LTD., P/S  
VOL. 92038 PG. 0247

IO ROAD (EXISTING)

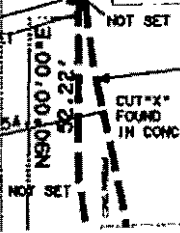
ABP INVESTMENT \*III, LTD.  
TO  
A. BEN PINNELL, ET AL  
VOL. 97155 PG. 03042  
(96,838 SQ. FT.)

ABP INVESTMENT \*III, LTD.  
TO  
A. BEN PINNELL, ET AL  
VOL. 97109 PG. 03158  
(63,247 SQ. FT.)

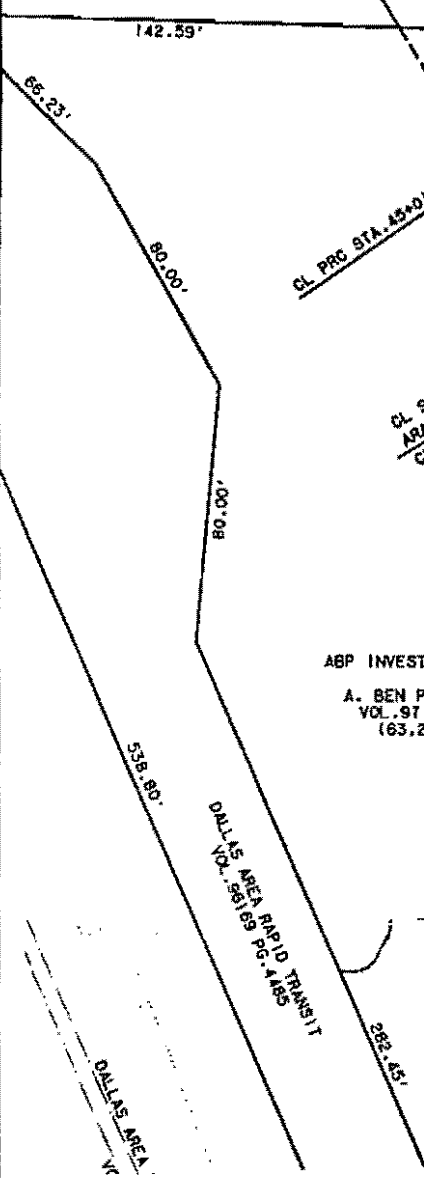
A= 53°30'55"  
R= 5.43'  
L= 5.07'  
CB= S63°14'32"E  
C= 4.89'

CL STA. 42+30.24  
48.40'LT. NOT SET

CL STA. 41+90.54  
52.80'LT. NOT SET



A= 6°33'47"  
R= 75.00'  
L= 10.00'



CL PRC STA. 45+01.85  
82.19' LT.  
100.00' ST.

CL STA. 44+34.10  
ARAPAH0 RD.  
CL STA. 3+47.88  
EXISTING ARAPAH0 RD.

CL STA. 43+00.33  
42.00'LT.

59.64'  
R= 125.00'  
L= 129.86'

CL STA. 44+05.45

N89°35'00"W 430.16'

R= 80.00' L= 42.55'

# Arapaho Rd Const Meeting

1-7-98

1. SW Bell relocate @ Addison Rd - activity has started -
2. SW Bell duct lowering along Spectrum - backfill issue / master  
Still an issue  
Vault needs to be installed
3. TU Electric - Notified of vault conflict by Colonnade bldg.  
Looking into moving -  
Setting poles along Quorum ✓  
  
Meter "A" & "B" designation -  
Copy for Mils Electric ✓
4. Strength Testing status -  
  
Depth Testing -
5. MCI Bore across Spectrum  
Dave will meet with MCI today ✓

6. SWPPP implementation

Pat: its in - needs maintenance

Dave: work on adjoining property dirt piles.

7. Tree Drains - Install on Quorum

copy of Fax for Pat

Need a set of plans -



8. Sawing & Sealing - Status/progress ✓

Curbs will be done by "hand"

Everything 2 1/2" deep -

9. Add'l saw-cuts in circle - to be done ✓  
when sandblasting is done.

Talk to Bonamite  
with asphalt

Cancel until cracks are sealed.

& Brute is laid - (2 weeks out)

10. Side walk redwood expansion joints - ✓  
3/8" redwood every 10' approved. ✓

11. Inlets not draining - carry forward item

12. Traffic Switch - all traffic to S. Side  
of Arapaho

- Clear with Car America
- Cuts off Const Entrance - Millennium
- Notify City
- Remove median

No firm  
date yet  
Complete S. Side  
sidewalk &  
trees  
about 1 month



✓ 13. Transit Center - Tree well drains spoils -

✓ 14. Sandblast Circle - 9AM - 4PM -  
WRT CRACK SEALING - Should be done

15. Extra Work - Before Sandblast

✓ @ Summerfield Suites

✓ Remove Trees

✓ Replace Irrig after filling site

@ Perry's Pizza

✓ Landscape area

✓ curb along pavement

✓ Give Pat Easement map

✓ " " Area to be landscaped map

✓ 16. Signal work @ Addison -  
Letter of 1/6/99 to Pat

Tentative do next weekend -

Showed specs to Tim. Tim agrees that  
specs cover the work.

✓ 16(a) Pat will check pot Holes high spot

- ✓ 17. Millennium Project encroachment on City Property - Dave talked with Job Supt. Fence will be put up. They will get 1/6.  
Dirt on Road
- ✓ 18. Bega light foundation charge request
- ✓ 19. Barriades / Signs improvements  
Beefed up for winds -  
Cleaning
- ✓ 20. Pothole Status - Fill needed @ Toll Rd.
- ✓ 21. Saddled areas in future pavement areas  
✓ begin pump out / dry out  
✓ Rework Subgrade
22. Filling in Addison Property  
working on a memo of understanding

23. Pat: Redo signals - Sun AM OK  
Police Officers for hire. During the  
week - Police  
Want to do it during the week  
Sundays with stop signs -