

2000-3 Arapaho Road  
Southwestern Bell Relocate Utilities - 1999

ATE UTIL



Telecom to T. in Beidleman  
(on vacation). Called Gail

5-3-99

Bob Sands called me back @ 8:50 AM

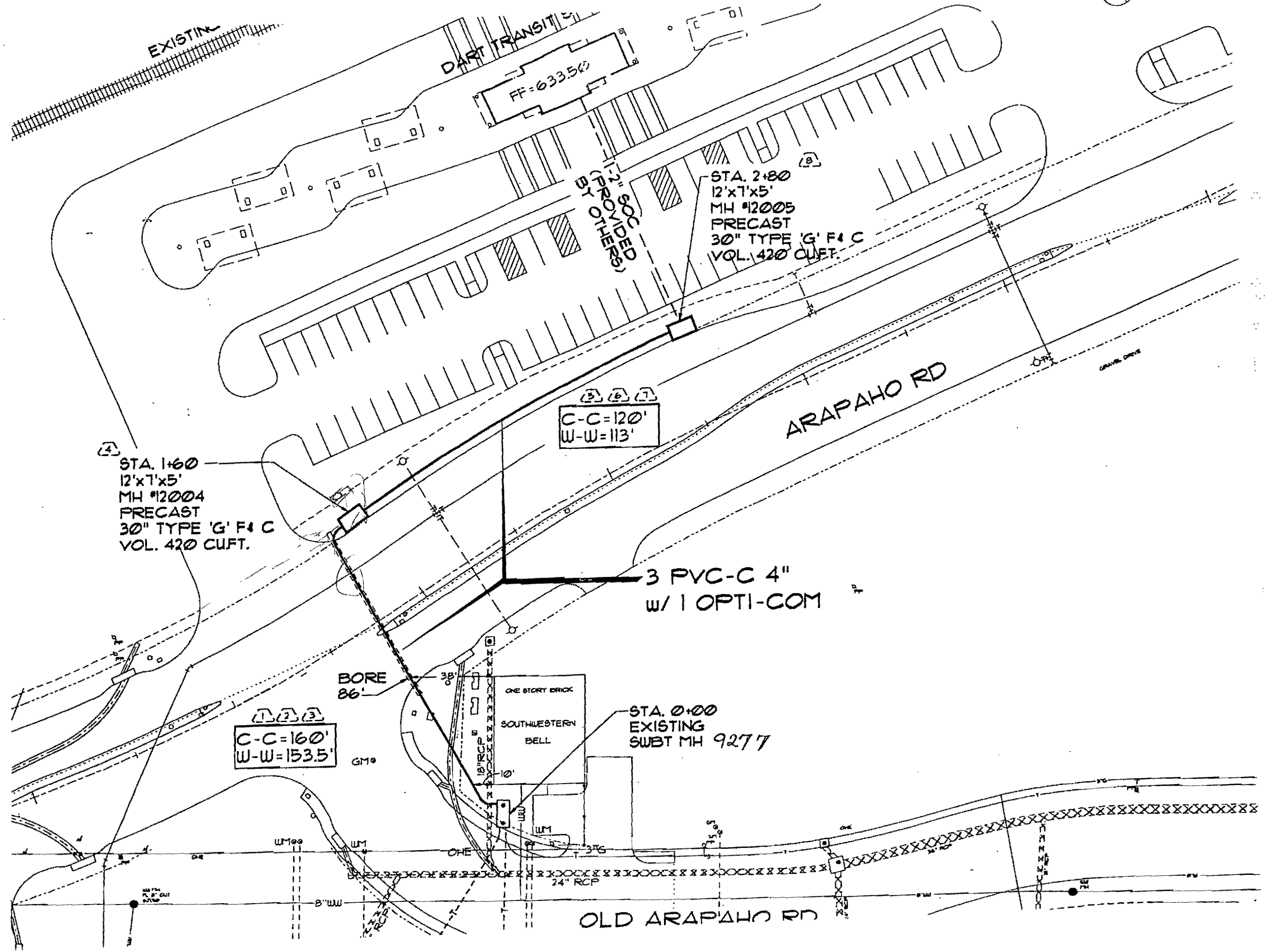
"Cut around" is done @ Can America

Cables may be in the ducts,

but the "cut around" is complete.

OK to go ahead and wreck  
the upper duct.

JSP



EXISTING

DART TRANSIT

FF=633.50

8" (PROVIDED)  
12" RCP

STA. 2+80  
12'x1'x5'  
MH #12005  
PRECAST  
30" TYPE 'G' F4 C  
VOL. 420 CUFT.

ARAPAHO RD

C-C=120'  
W-W=113'

STA. 1+60  
12'x1'x5'  
MH #12004  
PRECAST  
30" TYPE 'G' F4 C  
VOL. 420 CUFT.

3 PVC-C 4"  
W/ 1 OPTI-COM

BORE  
86'

C-C=160'  
W-W=153.5'

ONE STORY BRICK  
SOUTHWESTERN  
BELL

STA. 0+00  
EXISTING  
SWBT MH 9277

24" RCP

OLD ARAPAHO RD

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: 972/450-2834

Company: SW Bell

FAX #: 972-234-7062

Date: 4-8-99

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

# of pages (including cover): 1

Re: Arapaho Rd / Spectrum Drive

- Original in mail       Per your request       FYI       Call me

Comments: Confirming my telephone call,  
no work was done on Wednesday  
to reroute cable to the new conduit  
which was my understanding.

The contractor is ready to  
begin lining operation and is claiming  
delays because the old duct bank  
is still in the way.

Need your help to get the  
old duct out of the way as promised.

Jim

SW Bell

960-4914

4-8-99

8:45 called Greg Allman. He thought cables had been pulled in. This is Kathy Gates project, he transferred me to her.

Kathy stated Stan Sanders is in charge of underground pulling. She talked to Stan while I was on the phone and verified all new cables not pulled in. Kathy said Stan said a crew will be out there today to pull the cables in.

Then the splicing has to be done.

Sandy Phillips is in charge of the splicing crew. (She is in meetings today)

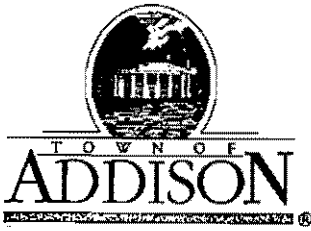
972-960-8043

972-397-1998 pager

10:30 AM - Talked to Sandy. They will send a splicing crew out tomorrow.

Greg Allman: 972-960-4914

pager 972-799-6539



**PUBLIC WORKS DEPARTMENT**

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

April 7, 1999

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

Re: Permit for Telephone Service – DART Transit Center

Dear Mr. Sands:

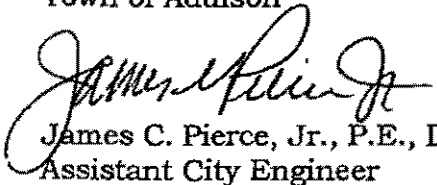
We request that SWBell agree to the following conditions as part of the permit for the above referenced location:

1. SWBell, and their contractors, shall coordinate the work with Ed Bell Construction, Pat Rivera, at 214-507-4916.
2. Sidewalk repairs shall be by North Texas Bowmanite, Inc.
3. Dirt excavated by Silas White shall be removed by Silas White.
4. All excavations and trenches shall be backfilled and compacted to Town specs. The contractor shall repair any damage to existing facilities.
5. Contractor shall cleanup immediately upon completion.
6. As-builts shall be submitted.
7. Vaults shall be as small as practicable.
8. Work shall begin upon issuance of permit and shall be prosecuted continuously until completion so as to minimize impact on the Arapaho Road project.

Upon receipt of your acceptance of these conditions, we will issue the permit.

Very truly yours,

Town of Addison

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

Accepted:

\_\_\_\_\_  
Southwestern Bell

cc: John Baumgartner, Dir. of Public Works  
Dave Wilde, Public Wks. Inspector

Date: \_\_\_\_\_

Telecom From:

4-1-99

Bregg Allman / SW Bell

Had a crew yesterday to  
Raise Duct

thought 1 fiber was there

found out → Have 4 cables in there  
now

Will have to revamp game plan

Will have to dig Back more

to raise cables.

Will be out there today.

Mailed  
to

4-1-99

Bob Sands -

I new, lowered  
dust bank has been in  
place for months and  
the wires have never  
been moved to the  
new dust bank. Please  
give this your personal  
attention

Jim



TOWN OF  
**ADDISON**

Faxed  
1:10 PM

**PUBLIC WORKS**

To: Tim Beidelman

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

Company: SW Bell

Assistant City Engineer

Phone: 972/450-2879

FAX #: 972-234-7062

FAX: 972/450-2834

Date: 4-1-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 2

Re: Arapaho Rd

Original in mail

Per your request

FYI

Call me

Comments: Attempts are being made to raise your old duct bank that still contain wires to eliminate conflict with the storm sewer. See attached. We are told that this will not be done until Monday, which holds up the contractor.

ADDITIONALLY - THE WIRES MUST BE REMOVED FROM THE OLD DUCT BANK AND PLACED IN THE NEW, LOWER ONE. THE OLD DUCT BANK IS IN THE ROAD BASE AND WILL BE DEMOLISHED WHEN LIMING TAKES PLACE. I CAN'T UNDERSTAND WHY THIS HAS NOT BEEN DONE. PLEASE ORDER THIS WORK IMMEDIATELY.

Jin



TOWN OF  
**ADDISON**

*Faxed @ Noon*

**PUBLIC WORKS**

To: Tim Beidelman

From: James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834

Company: SW Bell

FAX #: 972-234-7062

Date: 4-1-99

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

# of pages (including cover): 2

Re: Arapaho Rd

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

Comments: This is to advise of  
another utility conflict as  
shown on the attached map.  
This conduit was not known  
by us or ever located. This  
conflict also needs to be resolved  
as it is holding up construction.

VERIFY LOCATION OF EXISTING 10" WASTEWATER, 12" WATER & 15" RCP PRIOR TO CONSTRUCTION OF LINE 'C-2'

0+33.86 I.A.T. 'C-10'=  
PAV. STA. 18+02.83,  
57.84' L.T.,  
END 15" RCP  
CONN. TO EX. 15" RCP

46 L.F. 15" PVC SDR35

CONNECT EX. 3" D.I.  
PIPE TO 15" PVC W/  
12-15"x4" TEE/WYE

CONNECT 15" PVC  
TO BACK OF INLET  
F.L. 617.72

0+09.81 I.A.T. 'C-9'=  
PAV. STA. 17+89.54, 0' L.T.,  
14" REC. INLET  
I.C. 820.73  
F.L. 616.73

INSTALL  
STD. C.O.

EDWIN LEWIS  
DRIVE  
EXISTING  
ARAPAHO RD.

0+09.78 I.A.T. 'C-8'=  
PAV. STA. 15+23.50, 54.0' L.T.,  
14" REC. INLET  
I.C. 623.20  
F.L. 619.20

**CONFLICT**

I.A.T. 'C-8'=  
18" RCP

36" RCP

LINE 'C-2'

I.A.T. 'C-9'=  
18" RCP

I.A.T. 'C-10'=  
15" RCP

PIPE  
CURVE DATA  
R = 40' 01" 08"  
C = 65.00'  
T = 23.87'  
E = 45.40'

P.C. 17+19.50

10 L.F. CONC. CAP  
OVER EX. W.W. MAIN

25' 8-8 CONC. P.V.M.T.  
CONC. CURB & GUTTER

WW 8"  
FL 10" OUT  
619.79

SPRINKLER  
CONTROL  
VALVE

EX. NO. 1  
17+64.90 PT.  
LINE 'C-2'  
END 36" RCP  
& PLUG

16+65.80 I.A.T. 'C-8'=  
0+00 LAT. 'C-8'  
60° FACTORY WYE

25' 8-8 CONC. P.V.M.T.  
CONC. CURB & GUTTER

SPECTRUM DR.

14+20.61 I.A.T. 'C-2'=  
0+00 LAT. 'C-8'  
60° FACTORY WYE

14+00.35 I.A.T. 'C-2'=  
0+00 LAT. 'C-10'  
PAV. STA. 17+94.16,  
25.50' L.T.,  
CONST. TYPE 'B'  
MANHOLE

MEPC QUORUM PROPERTIES | INC.



36" RCP  
Q<sub>100</sub> = 40,000 cfs  
C = 40.00 cfs  
S = 0.0036 ft/ft  
V = 3.46 fps  
H<sub>v</sub> = 0.50 ft

36" RCP  
Q<sub>100</sub> = 44,480 cfs  
C = 44.48 cfs  
S = 0.0044 ft/ft  
V = 3.29 fps  
H<sub>v</sub> = 0.61 ft

36" RCP  
Q<sub>100</sub> = 47,100 cfs  
C = 47.10 cfs  
S = 0.0050 ft/ft  
V = 3.66 fps  
H<sub>v</sub> = 0.69 ft

1.10" WASTEWATER

1.20" WATER

15+53.88 I.A.T. 'C-2'=  
0+00 LAT. 'C-8'  
60° FACTORY WYE  
I.C. 619.73

14+00.35 I.A.T. 'C-2'=  
0+00 LAT. 'C-10'  
CONST. TYPE 'B'  
MANHOLE  
H.I.S. 617.59

TOWN OF  
**ADDISON**

Faxed  
10:55 AM

**PUBLIC WORKS**

To: Tim Beidelman

From: James C. Pierce, Jr., P.E., DEE  
Assistant City Engineer  
Phone: 972/450-2879  
FAX: 972/450-2834

Company: SW Bell

FAX #: 972-234-7062

Date: 3-24-99

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

# of pages (including cover): 2

Re: Arapaho Rd

- Original in mail       Per your request       FYI       Call me

Comments: To confirm my earlier voice mail, the attached sketch shows the conflict with the old duct bank. Apparently, the old duct bank is still in use and wires have not been put into the new, lowered duct bank. Contractor is at this spot attempting to install the storm sewer. Need your immediate help on this one.

Also, there are 3 manholes in Arapaho Rd that need to be lowered. Paving scheduled for tomorrow.

Jim

P.S. 3-25-99 There are actually 2 conflict areas - I should have shown both on my fax yesterday. Construction is held up in both spots. Need help!

Jim

Faxed  
1:30 PM

VERIFY LOCATION OF EXISTING  
10" WASTEWATER, 12" WATER &  
15" RCP PRIOR TO CONSTRUCTION  
OF LINE 'C-2'

0+09.78 LAT. 'C-8'=  
PAV. STA. 15+23.50, 34.0' LT.  
14' REC. INLET  
I.C. 623.20  
F.L. 619.20

46 L.F. 15" PVC SDR35  
CONNECT EX. 3" DIA.  
PIPE TO 15" PVC W/  
12-15"x14" TEE/WYE  
CONNECT 15" PVC  
TO BACK OF INLET  
F.L. 617.72

0+09.81 LAT. 'C-9'=  
PAV. STA. 17+69.34, 0' LT.  
14' REC. INLET  
I.C. 620.73  
F.L. 616.73

0+33.96 LAT. 'C-10'=  
PAV. STA. 18+02.83,  
57.94' LT.  
END 15" RCP  
CONN. TO EX. 15" RCP

TOWN OF  
ADDISON

PIPE  
CURVE DATA  
Δ = 29°58'05"  
R = 65.00'  
T = 17.26'  
L = 37.96'

LAT. 'C-8'  
18" RCP

LAT. 'C-10'  
15" RCP

LAT. 'C-9'  
18" RCP

13+35.24  
LINE 'C-2' P.C.

13+70.22  
LINE 'C-2' P.T.

12+96  
0+00  
PAV. STA. 56+  
26.26' R.Y.  
CONST. TYPE  
MANHOLE

5' B-B CONC. PVMT.  
CONC. CURB & GUTTER

5' B-B CONC. PVMT.  
CONC. CURB & GUTTER

SPECTRUM DR.

14+20.61 LINE 'C-2'=  
0+00 LAT. 'C-9'  
60° FACTORY WYE

15+00.38 LINE 'C-2'=  
0+00 LAT. 'C-10'  
25.50' LT.  
CONST. TYPE 'B'  
MANHOLE

PIPE  
CURVE DATA  
Δ = 13°34'31"  
R = 125.00'  
T = 17.10'  
L = 45.98'

*Conflict Area  
Old duct bank contains wires  
New, lowered duct bank has no wires*

UORUM PROPERTIES I INC.

0+00 LAT. 'C-8' 18" RCP I.C. 619.20	36" RCP Q <sub>100</sub> = 44.48 cfs C = 44.48 ft/s S = 0.0044 ft/ft V = 6.29 fps Hv = 0.61 ft	56" RCP Q <sub>100</sub> = 47.11 cfs C = 47.11 ft/s S = 0.0050 ft/ft V = 6.66 fps Hv = 0.69 ft	58" RCP Q <sub>100</sub> = 55.83 cfs C = 55.83 ft/s S = 0.0070 ft/ft V = 7.90 fps Hv = 0.97 ft	39" RCP Q <sub>100</sub> = 26.47 cfs C = 26.47 ft/s S = 0.0031 ft/ft V = 4.12 fps Hv = 0.42 ft
0+00 LAT. 'C-8' 18" RCP I.C. 619.20	36" RCP Q <sub>100</sub> = 44.48 cfs C = 44.48 ft/s S = 0.0044 ft/ft V = 6.29 fps Hv = 0.61 ft	56" RCP Q <sub>100</sub> = 47.11 cfs C = 47.11 ft/s S = 0.0050 ft/ft V = 6.66 fps Hv = 0.69 ft	58" RCP Q <sub>100</sub> = 55.83 cfs C = 55.83 ft/s S = 0.0070 ft/ft V = 7.90 fps Hv = 0.97 ft	39" RCP Q <sub>100</sub> = 26.47 cfs C = 26.47 ft/s S = 0.0031 ft/ft V = 4.12 fps Hv = 0.42 ft

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: 972/450-2834

Company: SW Bell

FAX #: 972-234-7062

Date: 3-23-99

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

# of pages (including cover): 3

Re: Arapaho Rd

- Original in mail       Per your request       FYI       Call me

Comments: Sketches attached showing  
3 manholes to be adjusted and  
area that conduit needs to be  
lowered to avoid inlet conflict.

Thanks for your help.

Jim





*M.H. to be adjusted*

0+22.44 LAT. 'C-21'  
60' FACTORY BEND

0+20.44 LAT. 'C-21'  
PAV. STA. 62+09.03,  
9.38' RT.  
CONN. TO EX. 18" RCP  
BEGIN 18" RCP

CONNECT EX. 18" RCP  
TO BACK OF INLET

*Area of Conduit to  
be lowered*

25' 8" B CONC. PVMIT  
W/ CONC. CURB & GUTTER

ARAPAHO ROAD

LINE 'C-4'

LAT. 'C-23'  
18" RCP

25' 8" B CONC. PVMIT  
W/ CONC. CURB & GUTTER  
LAT. 'C-22'  
18" RCP

LAT. 'C-20'  
18" RCP

0+40.99 LAT. 'C-22'  
PAV. STA. 62+59.62,  
43.00' RT.  
10' REC. INLET  
T.C. 615.96  
F.L. 611.96

0+35.09 LAT. 'C-22'  
PAV. STA. 62+83.64,  
36.24' RT.  
CONN. TO EX. 18" RCP  
BEGIN 18" RCP

0+46.33 LAT. 'C-23'  
PAV. STA. 64+20,  
43.82' RT.  
10' REC. INLET  
T.C. 615.12  
F.L. 611.12

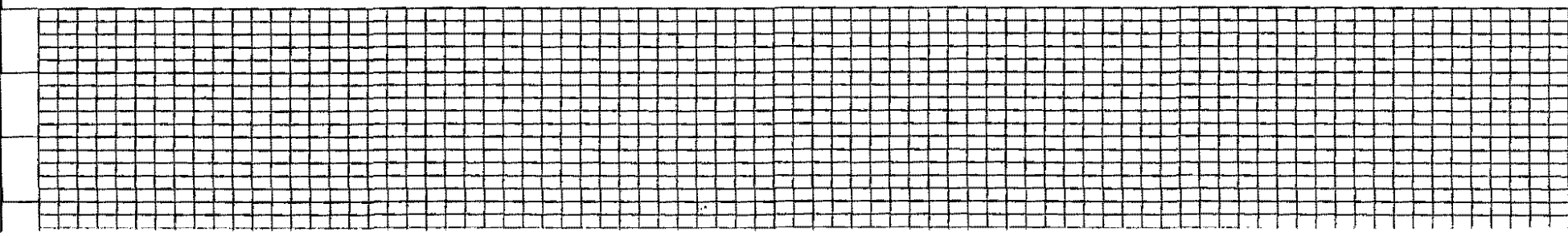
0+36.67 LAT. 'C-20'  
PAV. STA. 60+98.95,  
43.00' RT.  
10' REC. INLET  
T.C. 616.80  
F.L. 612.80

0+00 LAT. 'C-20'  
PAV. STA. 61+15.30,  
10.27' RT.  
CONN. TO EX. 36" RCP  
BEGIN 18" RCP

*62+60*

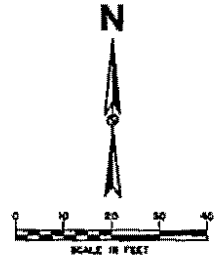
MEPC QUORUM PROPERTIES II INC.

BY: [Signature] DATE: 11/17/2011  
CHECKED: [Signature] DATE: 11/17/2011  
PROJECT: 1107000000  
DRAWING: 1107000000-01  
SCALE: AS SHOWN





TOWN OF ADDISON



2+00 LINE 'C-11'  
PAV. STA. 56+97.74,  
55.86' LT.  
CONST. TYPE "B"  
HEADWALL

Manholes to  
be adjusted

NOTE:  
VERIFY LOCATION, HORIZONTAL  
& VERTICAL, OF ALL UTILITIES  
PRIOR TO CONSTRUCTION OF  
STORMWATER INLETS & PIPES

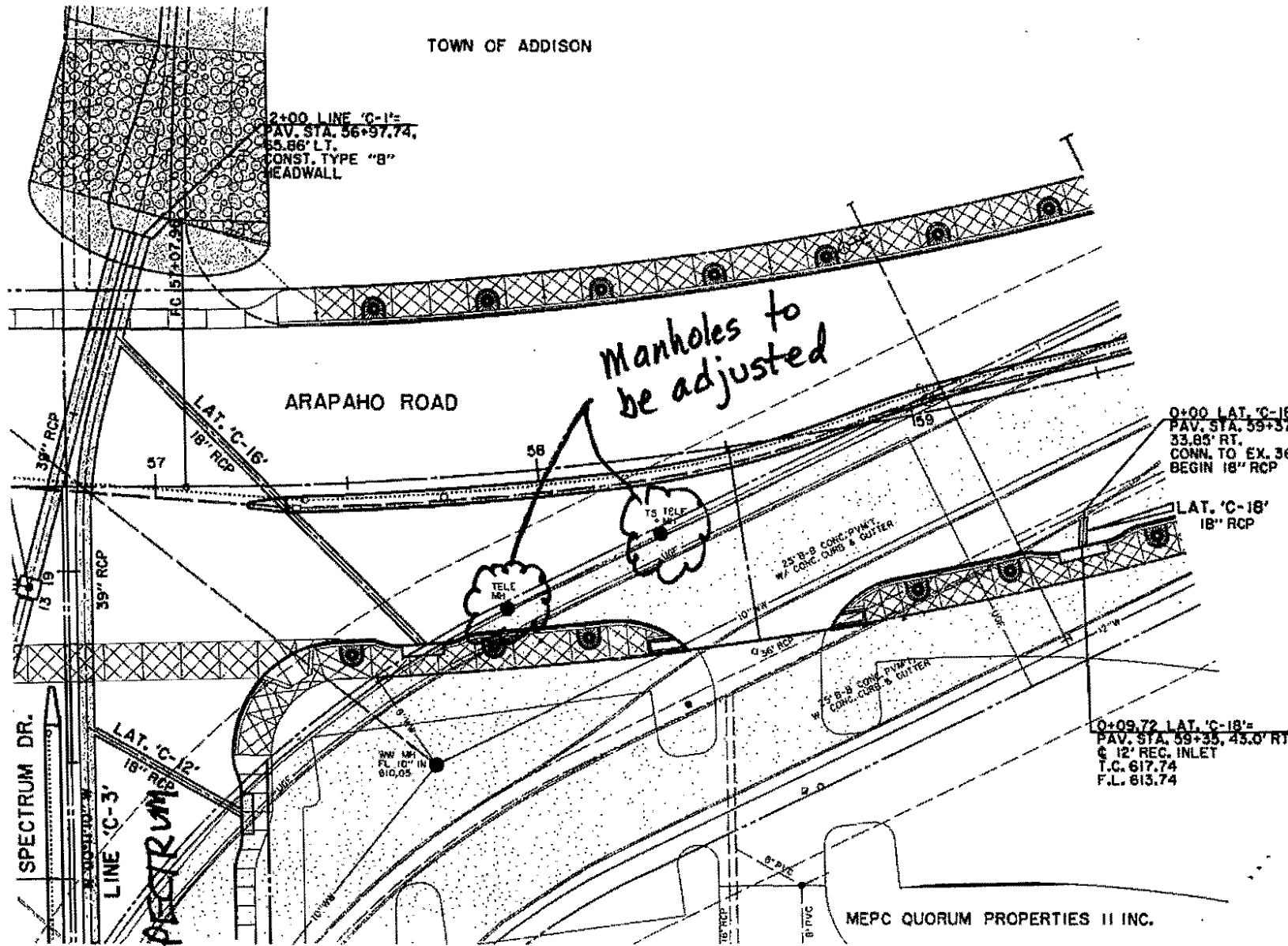
LEGEND

ELECTRIC — ONE —	WATER — W —
○ LIGHT POLE	FH ○ FIRE HYDRANT
pp □ POWER POLE	WM ○ METER
— GUY WIRE	T WATER VALVE
TELEPHONE — T —	MISC.
TELE MAN TELEPHONE MANHOLE	48" RCP R.C.P. REMOVAL
□ TELEPHONE PEDESTAL	XXX CHAIR LINK FENCE
TS TELEPHONE SIGN	— WOOD FENCE
GAS — G —	EXISTING ASPHALT
GM ○ GAS METER	EXISTING DIRT OR GRAVEL
OS GAS SIGN	EX. CONC.
LAND USE	○ TREE/TREE LINE
R/R RAILROAD SIGN	— EXISTING CURB
▽ SIGN	— PROP. CURB
SURVEY	--- EX. PROPERTY LINE
I.R. FOUND IRON ROD	--- PROP. CENTERLINE
■ TEMP BENCHMARK	--- PROP. R.O.W.
WASTEWATER — WW —	— PROP. INLET
WM WASTEWATER MANHOLE	PVMT TOP OF PAVEMENT
CO CLEANOUT	T.C. TOP OF CURB
	C.R. CURB RETURN

BENCHMARKS:

USC & GS E-921 DISK IN BRICK WALL OF OLD ADDISON SCHOOL HOUSE (MAGIC TIME MACHINE RESTAURANT) ON SOUTH WALL, 4' EAST OF CENTER OF THE ENTRANCE, 4.7' ABOVE THE GROUND, ELEV. 650.61

\*□ ON SOUTHEAST CORNER OF CONCRETE WALK AT FRONT ENTRANCE TO 4805 ARAPAHO ROAD



0+00 LAT. 'C-18'  
PAV. STA. 59+37.81,  
33.85' RT.  
CONN. TO EX. 36" RCP  
BEGIN 18" RCP

LAT. 'C-18'  
18" RCP

0+09.72 LAT. 'C-18'  
PAV. STA. 59+35.45, 0' RT.  
C 12" REC. INLET  
T.C. 617.74  
F.L. 613.74

MEPC QUORUM PROPERTIES II INC.

51	39" RCP	24" RCP
5170 cfs		18.85 cfs
70 cfs		18.85 cfs
1042 ft <sup>2</sup>		0.0069 ft <sup>2</sup>
88 ft		0.00 ft
13 ft		0.86 ft
FACTORY WYE		
C 617.74		
C 617.72		
FACTORY WYE		
C 617.57		
FACTORY WYE		
C 617.41		
FACTORY WYE		
C 615.22		



3-9-99

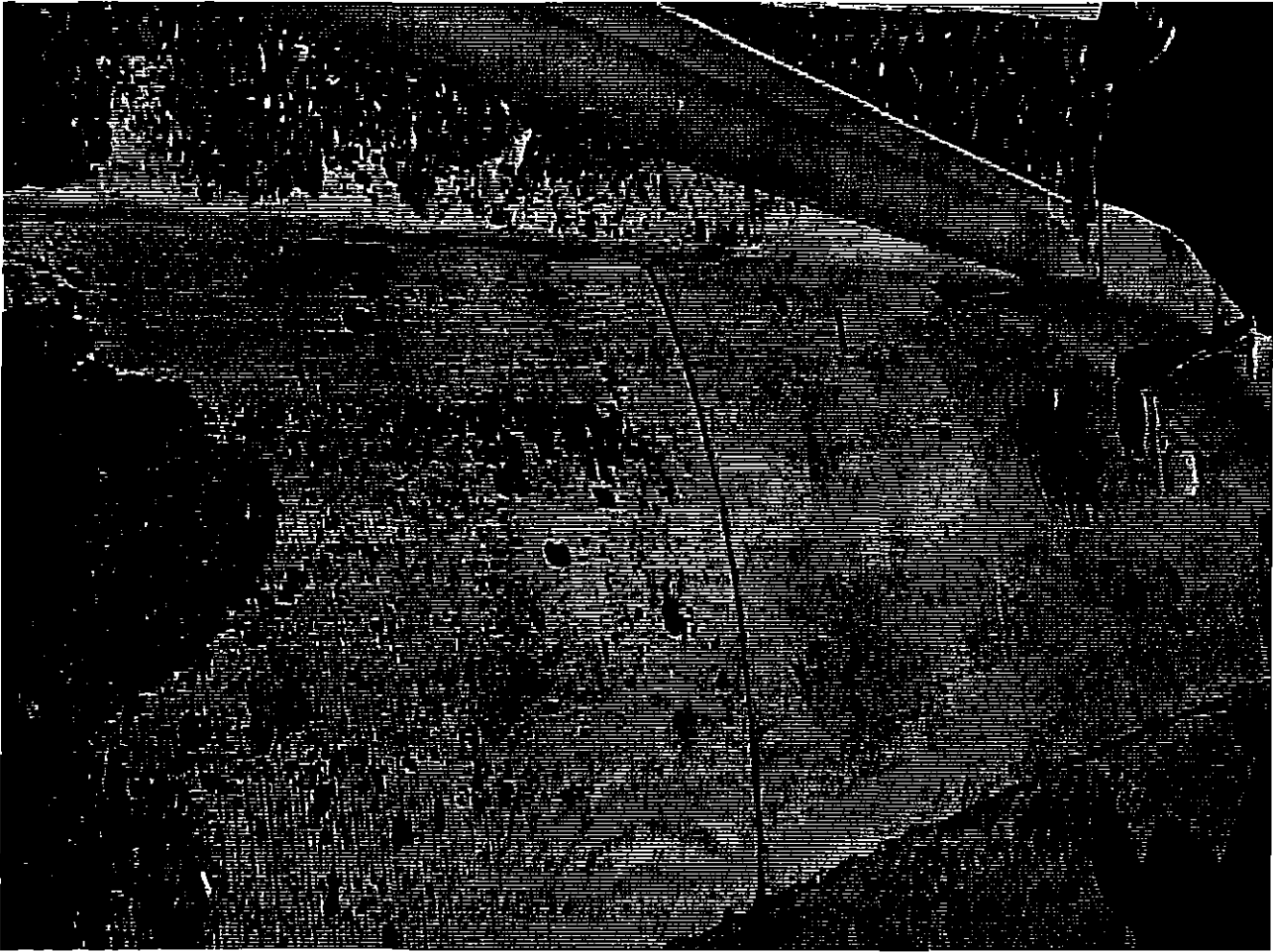
Tim Beidelman called & advised that people  
are repairing the splice and as soon as its  
fixed, the hole will be backfilled



3/9/99

11:43:58 AM







3/9/99

3:10:18 PM

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Tim Beidelman

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

Company: SW Bell

Assistant City Engineer

Phone: 972/450-2879

FAX #: 972-234-7062

FAX: 972/450-2834

Date: 3-8-99

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 1

Re: Arapaho Rd

Original in mail

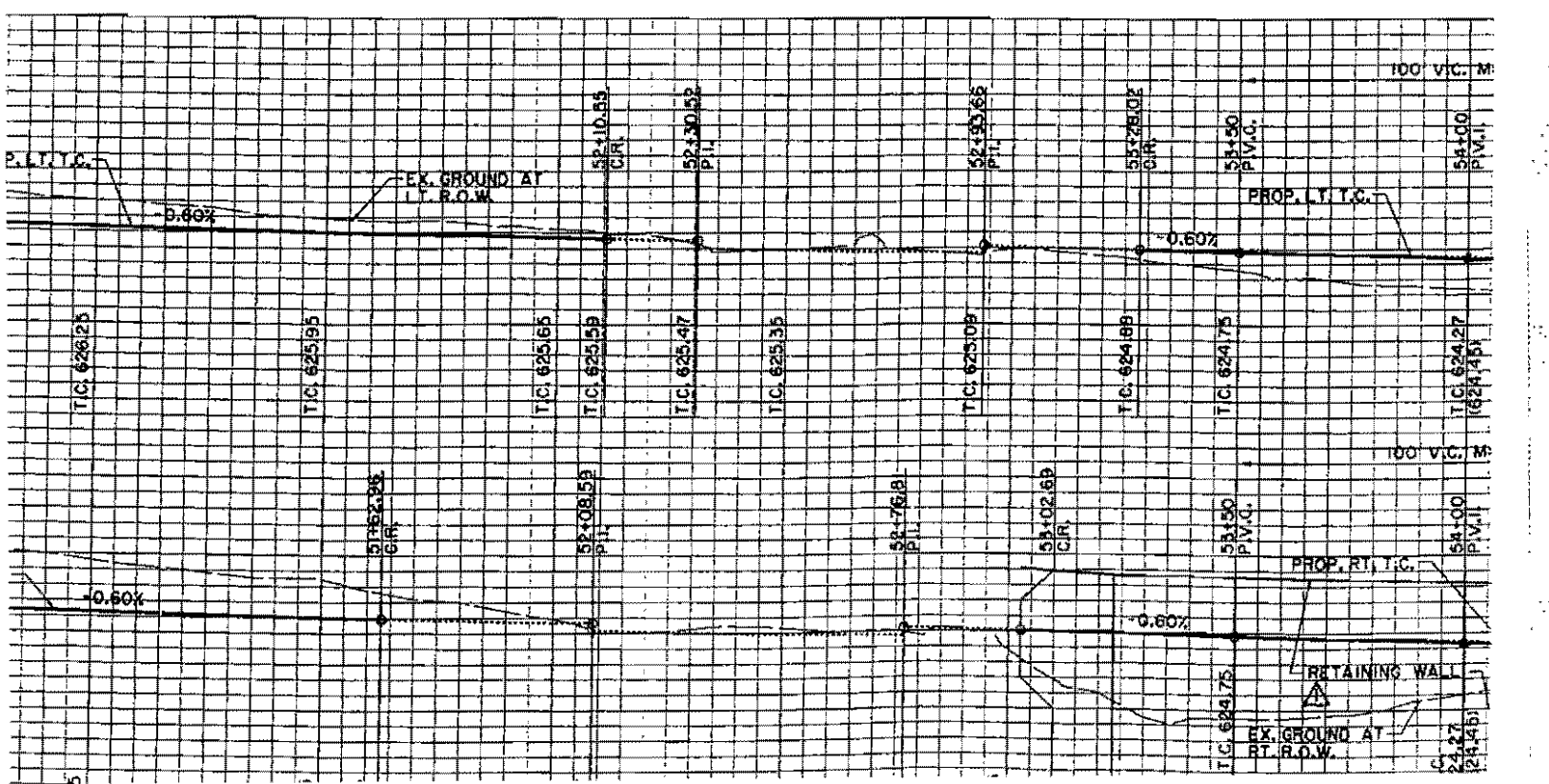
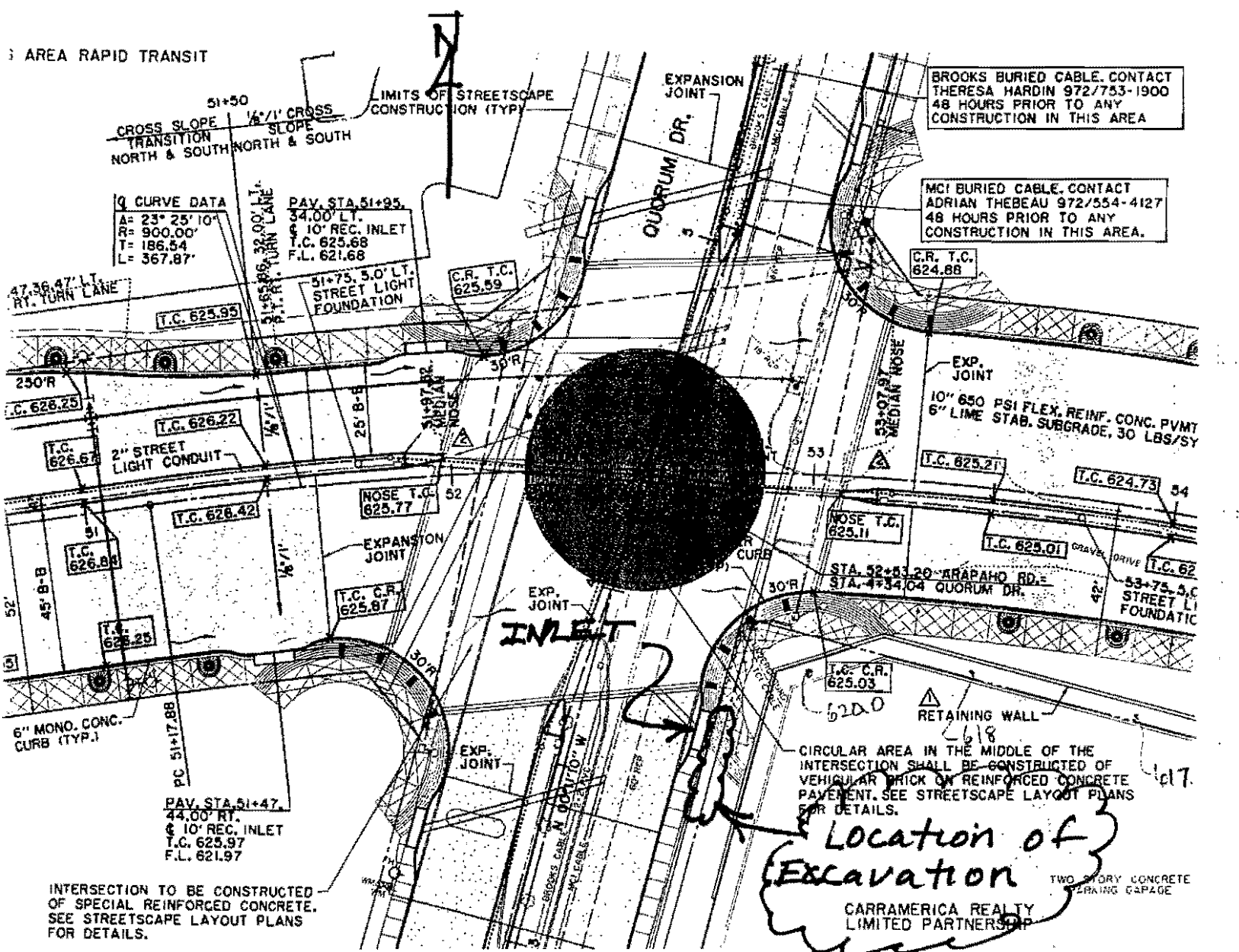
Per your request

FYI

Call me

Comments: TU, in the process of setting a pole,  
cut one of your cables @ the S.E. corner  
of Quorum Drive and new Arapaho Rd. To  
repair the cable, SW Bell excavated to gain  
access to the underground cable, and in the  
process, excavated such that an adjacent  
inlet has little support from the earth  
supporting it. I am concerned that the inlet  
will be damaged. The best fix is to  
get in & make the repair & backfill & compact.  
Second best is to partially backfill &  
compact the hole to protect the inlet <sup>until repairs</sup> are made.  
See attached for location. Please call  
if you have any questions.

Jim





Su Bell

3-5-99

Tim

If we cannot place cable till  
after Thursday.

Delays us another 2 weeks

Can work Today

Can't park a truck

over MH @ new concrete

can park a truck over New MH

will be there wed.

# *Nova Concrete Express, Inc.*

P.O. BOX 250 • SEAGOVILLE, TEXAS 75159

## **FAST-FIX FLOWABLE FILL**

A new fast setting fill material is available from Nova Concrete Express, Inc. FAST-FIX FLOWABLE FILL is a "Controlled Low Strength" backfill material that is a blend of proprietary cementitious materials, a blend of concrete sands and water, mixed to a flowable consistency and poured into the area to be filled. It is self-leveling and can be placed with minimal effort, requiring no tamping or compacting. FAST-FIX FLOWABLE FILL, unlike conventional flowable fill, sets in approximately 20 to 30 minutes and can be capped in 45 to 60 minutes.

**STRENGTH:** Fast-Fix Flowable Fill is formulated to be a "Low Strength" backfill material that can be excavated at some point in the future with a pick and shovel or light construction equipment. Its **typical compressive strength** are:

45 to 60 minutes -- 20 to 30 PSI

28 Days -- 60 to 80 PSI

Fast-Fix Flowable Fill will gain 60 to 70 percent of its 28 days compressive strength in the first 45 to 60 minutes after placement. Thereafter its strength curve is almost flat, reaching its ultimate compressive strength in approximately one year. Various formulations are available to give 28-day strength of over 200 PSI. NOTE: Blends with strengths greater than 100 PSI cannot be removed with hand tools and may be difficult to remove with excavation equipment.

**DENSITY:** Fast-Fix Flowable Fill will have a **in place density** in the range of 115 to 145 lbs./cu.ft., much greater than can be achieved from compacted soils or crushed stone backfills.

**APPLICATIONS:** Fast-Fix Flowable Fill can be used wherever compact soil, crushed stone or conventional flowable backfills are specified. Examples are:

Utility cuts and Trenches  
Voids under existing pavement  
Foundation sub-bases

Pipe or conduit encasement  
Backfill around prefab manholes  
Abandoned tanks or wells

## **ADVANTAGES:**

- Fast setting for faster construction
- Positive high uniform density
- Eliminates compaction testing
- No compaction labor or equipment
- Minimized settlement of street repairs
- Easily removed if necessary
- Reduced backfill cost
- Can be poured in any weather
- Sets up under water

**ENVIRONMENTAL CONCERNS:** Fast-Fix Flowable Fill is environmentally friendly. It will not react with or degrade construction materials designed for underground use such as pipe, conduit, valves, etc.

**PRECAUTIONS:** Fluid Fast-Fix Flowable Fill is a heavy material that can exert high fluid pressures on any containment forms, etc. Placement around empty pipes, conduits or tanks can cause them to float. They should be filled or properly anchored to prevent shifting. Precautions should be taken to insure the material, due to its fluidity, does not enter undesired areas.

\*RAPID SETTING CONCRETE - FAST SETTING FLOWABLE FILL - BUILDING STONE - CUT STONE\*  
CORPORATE OFFICE: 972-287-1980      CORPORATE FAX: 972-287-4121  
DISPATCH OFFICE: 972-287-5512      DISPATCH FAX: 972-287-5528



Dallas Office Established as E.L. Dalton & Company founded in 1909

4433 Leston  
 Dallas, Texas 75247  
 214-630-0719  
 Fax 214-630-6507  
 Pager 214-898-5444  
 Mobile 214-543-6689

Walter Weddell  
 Field Manager / Area Manager

**IMPORTANT MESSAGE**

FOR <u>Jim Pierce</u>		DATE <u>3-2-99</u>	TIME <u>12:00</u>	A.M. P.M.
M. <u>Walter Weddell</u>				
OF <u>MASTEC</u>				PHONED
PHONE <input type="checkbox"/> FAX <input type="checkbox"/> MOBILE <u>214/630-0719</u>				RETURNED YOUR CALL
MESSAGE <u>Please call if this is not sufficient</u>				PLEASE CALL
SIGNED <u>[Signature]</u>				WILL CALL AGAIN
				<input checked="" type="checkbox"/> CAME TO SEE YOU
				WANTS TO SEE YOU

SW Bell Relocate  
@ Carr America

3-2-99

MASTEC  
214-630-0719

Spoke to Frank Dennis re 3 days  
cure time. Frank says he will  
get info from the concrete company  
explaining 3 days cure time is  
not needed. Frank says strength  
is developed in 12 hrs. Frank  
will get a letter from the cone. company  
as well as general information about  
the "flowable" product. They will not  
continue further backfill over the  
flowable until we have the info  
from the cone. co.

I complained about the water in  
the ditch and that the cone co could not  
put in dry mat to "soak up" the  
water. Frank anticipated this and  
said he had already ordered that the  
water be pumped out.

J.P.

cc Dave Wilder

214-215-6528

3-1-99

Telecon with Tim Abrams

CTB 7da 400-500 psi

Chalk  $\approx$  2000 psi

Need initial set

3 day before further backfill

70 28-56 day -

Dave Wilde

Jason Allen -

---

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# Arapaho / Spectrum Meeting

2-19-99

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Peice	Addison	972-450-2579
Bob Kent	SWBT	972 960 8050
Frank Dennis	MASTEC	214-630-0719
Kathy H. Best	SWBT	972-960-8166
Tim Beidelman	SWBT	972-234-7085
Dave Wilde	ToFA	972-450-2847

Arapaho/Spectrum Meeting

2-19-99

Bob Kurt -

Original - flowable fill -

Will do the compaction - & testing -

Think flowable fill is the best.

3'-6" depth, hit hard rock. Backfill flowable to 3'-6" depth.

Native soil 95% compact - Not under rd

Under Road 2' native @ 95%

12" Hot patch

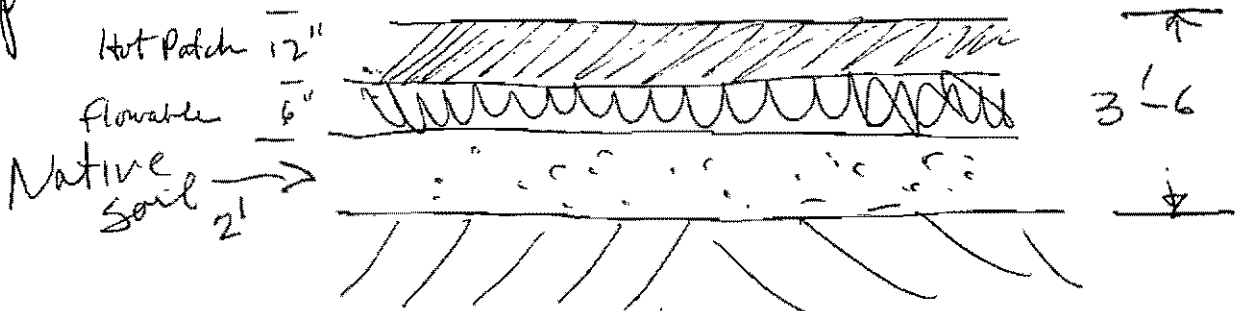
6" flowable

12" hot patch

2' sub

UNDER ROAD

12" lifts for compaction



Flowable

Custom Crete

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: 2-9-99

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

# of pages (including cover): 2

Re: Arapaho Rd

- Original in mail       Per your request       FYI       Call me

Comments: We have discovered a SW Bell  
manhole in the sidewalk area of Quorum  
drive located as shown on the attached  
drawing. The frame and cover for the  
manhole needs to be raised up to sidewalk  
grade, probably about 8 to 12 inches.

This is to request you raise the  
frame and cover to sidewalk grade

Thanks

Jim

cc Pat Rivera ✓

Dave Wilde ✓



BERMUDA 500

20.57' @ 1.0%  
P.L. = 618.65  
T.C. = 624.75

The topsoil shall be tilled into the soil below a minimum of 4 inch means under the proposed topsoil shall consist of friable soil and debris. The cost of topsoil and media backfill shall be as

TOWN OF  
ADDISON

119.91' @ 1.0%  
P.L. = 614.26

Approx Location  
Subbell MH

6" STEEL EDGING  
(TYPICAL)

BERMUDA 500

ARAPAHO  
ROAD

CARRAMERICA LIMITED  
PARTNERSHIP

120.00' @ 1.0%  
P.L. = 619.85

LIMIT OF WORK

QUORUM  
DRIVE

DALLAS AREA  
RAPID TRANSIT

MCM CO.

NOTE:  
ALL LANDSCAPE  
IRRIGATED WITH

FL. = 621.68  
T.C. = 665.68

FL. = 621.97  
T.C. = 623.47



MATCHLINE

MATCHLINE 'B'

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: 2-3-99

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

# of pages (including cover): 1

Re: Arapaho Rd/Spectrum Drive/Carr America

- Original in mail       Per your request       FYI       Call me

Comments: I inspected this site today  
and there is a significant length  
of trench that was never backfilled  
as per our meeting 1-13-99. The  
trench has a significant amount of  
water in it and the walls have  
caved, causing an undermining of the  
roadway pavement.

Please take whatever steps are  
necessary to at least get backfill in so  
that further undermining is stopped.  
This needs to be done immediately.

cc Dave Wilde  
Robin Jones

Arapaho Rd

2-2-99

Telecon with Tim Biedelman / SWB:

Still trying to resolve with Mastec.

Tim does not want to be responsible for the road caving in 5 yrs from now.

Jep: We agreed on a procedure on Jan 13<sup>th</sup> - for backfill

Tim: Still not resolved. He will escalate pressure and get it resolved soon

Round MH top is not a problem.

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Tom Ross / Tim Beidelman

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

Company: TR Ind / SW Bell

Assistant City Engineer

Phone: 972/450-2879

972 ~~214~~-437-4232 / 972-234-7062

FAX: 972/450-2837

Date: 1-29-98

16801 Westgrove

P.O. Box 144

Re: Arapaho Rd / SW Bell Manhole

# of pages (including cover): 1

Addison, TX 75001

Original in mail

Per your request

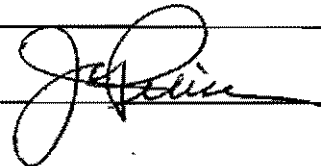
FYI

Call me

Comments:

I have reviewed the plans for the new SW Bell manhole at station 57+88. The plans are approved provided that backfill consist of flowable backfill (2 sacks of cement / sand mixture) and that it be compacted to our satisfaction.

It is my understanding the curb will be staked next week. Tom Ross will be notified.



MODE = TRANSMISSION

START=01-29 10:57AM

END=01-29 10:58AM

NO.	COM	SPEED NO	STATION NAME/ TELEPHONE NO.	PAGES
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001	OK		99724374232	001
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-Addison Svc Ctr -Upstairs-

\*\*\*\*\* ( FAX-200 U2.17)\* - 972 450 2834- \*\*\*\*\*

Ross

MODE = TRANSMISSION

START=01-29 10:59AM

END=01-29 11:00AM

NO.	COM	SPEED NO	STATION NAME/ TELEPHONE NO.	PAGES
001	DK	2	99722347062	001

-Addison Svc Ctr -Upstairs-

*Suz Bell*

Arapaho / SW Bell / Dust Lowering  
Backfill Meeting

1-13-99

\* Ask Con America to Shut off irrigation  
@ front of Bldg.

1. Clean out ditch to 18" above pipe (will take 6" sand)

Consider

2. 1 Dupl<sup>100</sup> load of cement on top of ditch to dry  
up moisture

3. Bring in native soil today. Compact as  
much as possible

4. Then, dig out & bring in dry sand &  
soil mixture & compact to 95% (12 to 18" lifts)  
Run Proctor

5. Repair Road bed with 6" flowable fill  
12" hot asphalt.

Arapahoe Rd / SW Bell Meeting

1-13-99

Sign In Sheet

<u>Name</u>	<u>Company</u>	<u>Phone</u>
Jim Peice	Addison	972-450-2879
J. P. R. King	ED Bell	214-507-4916
DAVE WILDE	Addison	972) 450-2847/2839
FRANK DENNIS	MASTEC	214 630-0719
GREG WOOD	MASTEC	214.630.0719
TIM BEIDELMAN	SWBT	972-234-7085;
KATHY GATES	SWBT	972-960-8166



**ADDISON**

*Faxed*

**PUBLIC WORKS**

To: Tim Beidelman

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

Company: SW Bell

Assistant City Engineer

Phone: 972/450-2879

FAX: 972/450-2837

FAX #: 972-234-7062

16801 Westgrove

Date: 1-11-99

P.O. Box 9010

Addison, TX 75001-9010

# of pages (including cover): 3

Re: Arapaho Rd, @ Spectrum

Original in mail

Per your request

FYI

Call me

Comments: We have a problem with the backfill for the duct lowering job at the above location. We have requested compacted backfill but the contractor (Mastec) has "refused". I don't understand this as SW Bell, and your contractor are operating under a permit which requires compacted backfill (copy Sec 16-79 attached). The job is not being worked and that is holding up Arapaho Rd Storm Drain installation.

Please look into this and lets get it resolved.

Thanks

Jum

cc Dave Wilde

If a carrier pipe is laid through an encasement pipe, the bedding of crushed rock, concrete, grout or granular material, if any, will be considered a part of the jacking operation.

(d) *Construction by boring.* The hole shall be bored mechanically with a suitable boring assembly designed to produce a smooth, straight shaft and so operated that the completed shaft will be at the established line and grade. The size of the bored hole shall be of such diameter to provide ample clearance for bells or other joints. All carrier pipe installed by boring shall be supported by quarter point cradle of two thousand (2000) PSI concrete across the boring pit and to the first joint in the ditch section on each end.

All voids will be grouted with a 1:7 minimum mix with five (5) percent to forty (40) percent air entrainment, and will be considered a part of the unit price of the boring operation.

(e) *Construction by tunneling.* The tunnel shall be excavated in such a manner and to such dimensions which will permit placing of the proper supports necessary to protect the excavation.

All equipment operated in the tunnel shall be powered by either air or electricity. No equipment will be permitted in the tunnel that uses a petroleum product for fuel. Electric lights shall be used for illumination of the tunnel construction, for illumination of completed portions of the tunnel used for passage, and wherever lighting is needed for inspection of the work. Sufficient number of lamps shall be used to properly illuminate the work, and all wiring for electric power and lights shall be installed and maintained in a safe and secure manner in accordance with the current electrical code of the city. The contractor shall maintain the tunnel air in a condition suitable for the health of the workmen and sufficiently clear for surveying operations. A sufficient supply of fresh air shall be provided to make for the quick and complete removal of gases and dust resulting from blasting or other tunnel operations. Except when unnecessary due to natural ventilation, artificial ventilation shall be maintained in the tunnel by ventilating plants of ample capacity operated when needed to meet the preceding requirements.

If required by the plans or if required for safety, suitable steel or timber sheeting shoring and bracing shall be used to support the sides and roof of the excavation. Supports may be left in place provided that they clear the encasement or carrier pipe. Nothing contained herein shall prevent the contractor from placing such temporary or permanent supports as he shall deem necessary, nor shall it be construed as relieving the contractor from his full responsibility for the safety of the work, and for all damages to persons and property.

If the tunnel is to be lined with concrete as a monolithic structure, then the overbreak, if any, or voids will be poured with concrete of the required strength as detailed on plan. If the strength is not indicated, the twenty-eight-day strength will be a minimum of three thousand (3000) PSI.

Unless otherwise indicated or specified, the entire void between the outside of the pipe and the tunnel walls or the inside face of the tunnel lining shall be backfilled with concrete having a minimum compressive strength of two thousand (2000) pounds per square inch at twenty-eight (28) days or 1:7 minimum mix grout with five (5) percent to forty (40) percent air entrainment. No concrete or grout shall be placed around the pipe unless the permanent sheeting, bottom, sides and roof of the tunnel are in a condition satisfactory to the director of streets. The minimum thickness of concrete or grout backfill shall be maintained throughout. Concrete required for backfill in excess of the minimum dimensions shown on plan will be at the entire expense of the contractor. (Ord. No. 085-094, § 1, 11-26-85)

#### Sec. 16-79. Backfilling.

Unless waived by the director of streets, backfilling in any street opened or excavated pursuant to an excavation permit issued hereunder shall be compacted to a minimum dry density of ninety-five (95) percent of standard proctor density, within three (3) percent of optimum moisture. Compacting shall be done by mechanical tampers or vibrators by rolling in layers, as required by the soil in question and sound engineering practices generally recognized in the construction industry. The director of streets shall have the right to require testing to determine the

compaction, and such testing shall be at the expense of permittee. (Ord. No. 085-094, § 1, 11-26-85)

#### Sec. 16-80. Dry backfilling.

Backfilling up to the first twelve (12) inches above the top of the utility pipes or similar installations shall be done in four-inch to six-inch layers. Each layer is to be tamped by manual or mechanical means. Layers that are hand tamped shall not exceed four (4) inches in thickness. Layers that are power tamped shall not exceed six (6) inches in thickness. The same requirements shall apply to the remainder of the backfilling if tamping is the method used for backfilling. Backfilling of all pipes of over twenty-four (24) inches in diameter shall be carried up to the spring line of the pipe in three-inch layers, with each layer moistened and thoroughly tamped with suitable mechanical equipment. The backfill around all pipes twenty-four (24) inches or less in diameter shall be tamped as specified above to a depth of twelve (12) inches above the top of the pipe before any additional backfilling is placed thereon. (Ord. No. 085-094, § 1, 11-26-85)

#### Sec. 16-81. Backfill material.

Whenever any excavation for the laying of pipe is made through rock, the pipe shall be laid six (6) inches above the rock bottom of the trench and the space under, around and six (6) inches above the pipe shall be backfilled with clean river sand, noncorrosive soil or one-quarter inch minus gravel or in accordance with manufacturer's specification if approved in writing by the director of streets. Broken pavement, large stones, and debris shall not be used in the backfill. (Ord. No. 085-094, § 1, 11-26-85)

#### Sec. 16-82. Backfilling of the surface.

Backfilling shall be completed by placing the backfill material well up over the top of the trench. For dry backfilling, the material shall be compacted with a roller of an approved type or with the rear of a truck carrying at least five (5) tons until the surface is unyielding. The surface shall then be graded as required. (Ord. No. 085-094, § 1, 11-26-85)

#### Sec. 16-83. Restoration of surface.

The permittee shall restore the surface of all streets, broken into or damaged as a result of the excavation work, to its original condition in accordance with the specifications of the director of streets. The permittee may be required to place a temporary surface over openings made in paved traffic lanes. Except when the pavement is to be replaced before the opening of the cut to traffic, the fill above the bottom of the paving slab shall be made with suitable material well tamped into place and this fill shall be topped with a minimum thickness of bituminous mixture which is suitable to maintain the opening in good condition until permanent restoration can be made. The crown of the temporary restoration shall not exceed one inch above the adjoining pavement. The permittee shall exercise special care in making such temporary restorations and must maintain such restorations in safe traveling condition until such time as permanent restorations are made. The asphalt which is used shall be in accordance with the specifications of the director of streets.

Permanent restoration of the street shall be made by the permittee in strict accordance with the specifications prescribed by the director of streets to restore the street to its original and proper condition, or as near as may be.

Acceptance or approval of any excavation work by the director of streets shall not prevent the city from asserting a claim against the permittee and his or its surety under the surety bond required hereunder for incomplete or defective work if discovered within twelve (12) months from the completion of the excavation work. The director of streets' presence during the performance of any excavation work shall not relieve the permittee of its responsibilities hereunder. (Ord. No. 085-094, § 1, 11-26-85)

#### Sec. 16-84. City's right to restore surface.

If the permittee shall have failed to restore the surface of the street to its original and proper condition upon the expiration of the time fixed by such permit or shall otherwise have failed to complete the excavation work covered by such permit, the director of streets, if he deems it advisable, shall have the right to do all work as necessary to restore the street and to complete the

DATE OF APPLICATION 12-02-98

No. 0376

TOWN OF ADDISON  
RIGHT-OF-WAY  
STREET CUT-EXCAVATION

Requesting Company MASTEC & S.W.B KATHY GATES 972-960-8166

Address of Requesting Company 4433 LESTON AVE DALLAS TX 75247

Phone - (Day) 214 630-0719 Mastec; (Night/Emergency) \_\_\_\_\_

Work Site Location ARAPAHO & SPECTRUM DR

Purpose of Work LAY TELEPHONE CONDUIT

Date of Work - Start 12-02-98 Finish 12-19-98 (approx.)

Type of Work ( Routine ( ) Emergency)

NOTICE:

\*\*\*\*\*Estimated start date shall be ten (10) working days from date of issuance or earlier.

\*\*\*\*\*Barricades shall conform to the Texas Manual on Uniform Traffic Control Devices, and a sketch may be required for permit to be issued.

\*\*\*\*\*No interference with traffic flow on city streets shall be permitted during the hours of 6:30 a.m. to 9:30 a.m. and 3:30 p.m. to 6:30 p.m., Monday through Fridays. No interference with traffic flow on Belt Line Road and Midway Road, will be permitted during the hours of:

- 6:00 a.m. to 10:00 p.m. Mondays through Thursdays
- 6:00 a.m. Fridays through 3:00 a.m. Saturdays
- 9:00 a.m. Saturdays through 3:00 a.m. Sundays
- 9:00 a.m. Sundays through 10:00 p.m. Sundays

\*\*\*\*\*Plating for vehicular traffic shall be required on-site before work starts.

\*\*\*\*\*Contractor is responsible for locating and the relocation or replacement of all items such as signs, trees, ground cover, sprinklers, and existing utilities.

Assigned Inspector David E. White

Santiago Rueda  
Signature of Applicant

Date Issued 12/2/98



**PUBLIC WORKS DEPARTMENT**  
Post Office Box 144 Addison, Texas 75001

Fee Paid Franchise Date 12/2/98

Rec'd by \_\_\_\_\_

() Plans attached  
NEED BARRICADE & Trench safety Plans.

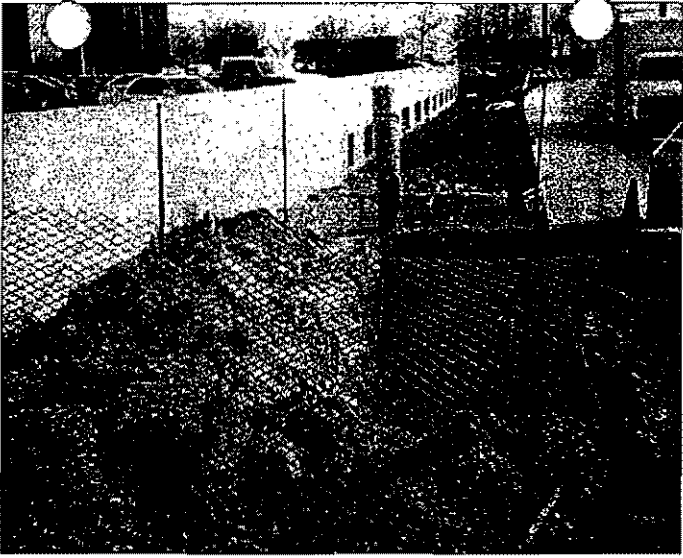
## Arapaho/SW Bell Relocates

- 8/19/98 Dave, Tom Ross & Mike Claxton discussed conflicts in the field.
- 8/24/98 Called Tom Ross, Tim Beeldeman and Bob Sand re need & status of Relocates
- 8/25/98 - Met in field with Tim, Mike & Dave. Relocate will take 2 months. The biggest problem for SW Bell is switching customers over. Tim will be in touch. Tom Ross is preparing plans.

SW Bell / Relocate Utilities 12-3-97  
Tom Ross 972-437-6030; pager 214-836-9144  
Tim Bidelman 972-234-7085

MH East of Spectrum will  
have to be evaluated & possibly moved

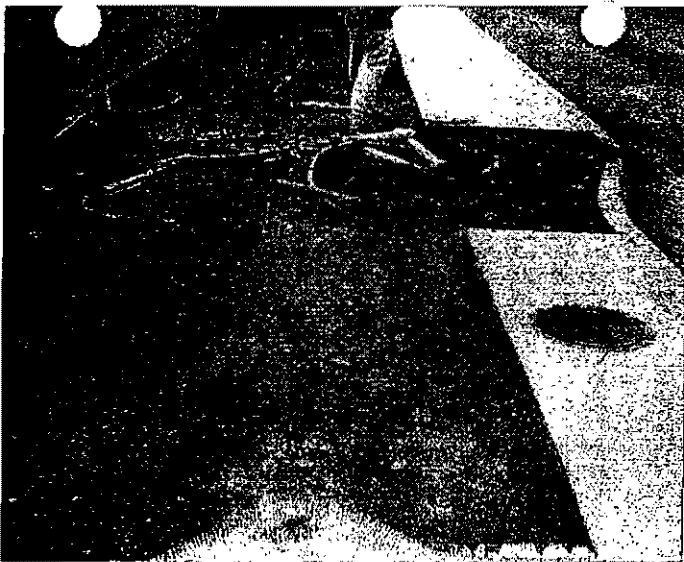
When signal contours are finalized, let  
SW Bell know so phone drops can  
be provided



SWBT repair (Amp) at Reed Simpson (damage)  
SE corner Amp/Quar. 3/5/99



Reed Simpson SWBT damage 3/5/99



Reed Simpson drilled into SWBT Fiber Optic  
SE corner Amp/Quar. 3/5/99



Reed Simpson damage to SWBT duct + fiber  
3/5/99