

Maplewood Road  
11/11/04 to 3/23/05

March 23, 2005

**HNTB**

Mr. Steve Chutchian, P.E.  
Asst. City Engineer  
Town of Addison, Texas  
16801 Westgrove Dr.  
P.O. Box 9010  
Addison, Texas 75001-9010

RE: Arapaho Road Phase III  
Surveyor Boulevard to Addison Road  
Supplemental Agreement 13

Dear Mr. Chutchian:

Please find attached for your review, approval and signature, two (2) original documents for Supplemental Agreement 13 to our original Agreement for Engineering Services, for the Arapaho Road Phase III Project between the Town of Addison, Texas and HNTB Corporation. Please review, sign and return one copy with original signatures to my attention at HNTB Corporation; 5910 West Plano Parkway, Suite 200; Plano, TX 75093.

If you have any questions, please feel free to call me at (972) 628-3150.

Thank you,

HNTB CORPORATION



Scott Forbes, P.E.  
Municipal Department Manager

Enclosures  
25768Phase 3

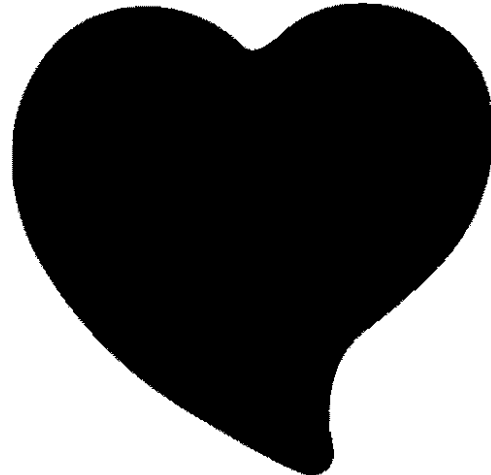
**Bridge Beam Transport**  
**3/18/05**

- U-Beams are approx. 117 ft. long
- Total length of beams and truck is about 150 ft.
- U-Beams are 4 ½ ft.
- Three beams a day will be transported from Victoria, Texas, through Hillsboro and onto LBJ Freeway.
- A total of 12 beams will be transported over a period of 4 days
- Start date is tentatively Monday, March 21<sup>st</sup>.
- Time of day for transport of beams is ??????
- Transportation route, as of noon, on Friday is ??????
- Beams will be delivered to west of project, at Surveyor Blvd.

*Amy. Rd.*

March 14, 2005

Ms. Jenny Nicewander, P.E.  
Project Manager  
Town of Addison, Texas  
16801 Westgrove Rd.  
Addison, Texas 75001-9010



Re: Marsh Ln. Emergency 16" Water Line Connection

Dear Ms. Nicewander:

As a result of circumstances beyond our control, we experienced a considerable amount of unanticipated cost on the referenced project. I will attempt to enumerate them in this request for additional compensation.

1. 16" F-MJ Gate Valve was rejected by the City of Dallas. They required a double disk tapping valve rather than a resilient seat valve like the one we furnished. The City of Dallas standard detail for this type installation indicates a horizontal double disk tapping valve with a manhole over the operating nut and gears. A representative that Jim Pierce talked with told him that they would waive that requirement for this project. I spoke with Jim about which valve we were going to furnish after checking with Hanson Concrete Pipe to be sure it would work for them. The reason for selecting the valve we did was because it was less expensive and was also readily available. The 16" vertical tapping valve was 6 to 8 weeks out. The valves we borrowed from the City of Dallas will cost \$3,156.00 more for each valve to replace. We request an additional **\$6,312.00** for these items.

2. We experienced 3 days of delay waiting for permits and the City of Dallas approval of the plans. Our labor cost on the project follows.

Chad Monk - 24 hours @ 24.00 = 576.00  
 Raul Buena - 24 hours @ 14.50 = 348.00  
 Juan Tijerina- 24 hours @ 11.00 = 264.00  
 Enrique Palomares 24 hours @ 12.00 = 288.00  
 Jesse Martinez - 24 hours @ 8.85 = 212.40  
 Jorge Hinohosa - 24 hours @ 12.50 = 300.00  
 Caferino Gonzalez - 24 hours @ 10.00 = 240.00  
 Tax and Insurance on 2,248.40 = 479.00

Continued on page 2

Total delay cost waiting on City of Dallas is **2,707.40**

3. We experienced 5 hours delay waiting on Hanson to rebuild and machine the flange on their tapping machine

Chad Monk – 5 hours @ 24.00 = 120.00

Raul Buena – 5 hours @ 14.50 = 72.50

Juan Tijerina – 5 hours @ 11.00 = 55.00

Enrique Palomares – 5 hours @ 12.00 = 60.00

Jesse Martinez – 5 hours @ 8.85 = 44.25

Jorge Hinojosa – 5 hours @ 12.50 = 62.50

Caferino Gonzalez – 5 hours @ 10.00 = 50.00

Tax & Insurance on 464.25 = 100.00

**Total delay cost waiting on Hanson 564.25**

4. As a result of the aforementioned delays we were forced into an extreme overtime situation in order to meet Hanson's scheduled tapping dates.

Raul Buena – 36 hours @ 21.75 = 783.00

Juan Tijerina – 28 hours @ 16.50 = 462.00

Enrique Palomares – 20 hours @ 18.00 = 360.00

Jesse Martinez – 5 hours @ 13.275 = 66.38

Jorge Hinojosa – 42 hours @ 18.75 = 787.50

Caferino Gonzalez – 36 hours @ 15.00 = 540.00

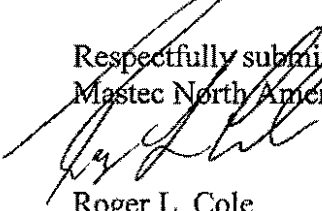
Tax & Insurance on 2,998.88 = 644.75

**Total overtime wages = 3,643.63**

5. Incorrect locate marks for the City of Dallas water mains resulted in the removal and replacement of 29 additional square yards of concrete paving at the purchase order price of 200.00 per square yard. Total add for additional concrete paving **5,800.00**

**Total additional compensation requested is \$19,027.28**

Respectfully submitted,  
Mastec North America



Roger L. Cole  
Chief Estimator



March 14, 2005

Ms. Jenny Nicewander, P.E.  
Project Manager  
Town of Addison, Texas  
16801 Westgrove Rd.  
Addison, Texas 75001-9010

Re: Marsh Ln. Emergency 16" Water Line Connection

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1. 16" F-MJ Gate Valve was rejected by the City of Dallas. They required a double disk tapping valve rather than a resilient seat valve like the one we furnished. The City of Dallas standard detail for this type installation indicates a horizontal double disk tapping valve with a manhole over the operating nut and gears. A representative that Jim Pierce talked with told him that they would waive that requirement for this project. I spoke with Jim about which valve we were going to furnish after checking with Hanson Concrete Pipe to be sure it would work for them. The reason for selecting the valve we did was because it was less expensive and was also readily available. The 16" vertical tapping valve was 6 to 8 weeks out. The valves we borrowed from the City of Dallas will cost \$3,156.00 more for each valve to replace. We request an additional **\$6,312.00** for these items.

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Chad Monk – 24 hours @ 24.00 = 576.00  
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 Jesse Martinez – 24 hours @ 8.85 = 212.40  
 Jorge Hinohosa – 24 hours @ 12.50 = 300.00  
 Caferino Gonzalez – 24 hours @ 10.00 = 240.00  
 Tax and Insurance on 2,248.40 = 479.00

Continued on page 2

Total delay cost waiting on City of Dallas is **2,707.40**

*Stage -  
 They came down a  
 little on the price  
 If this is ok I'll ask  
 for this in an invoice  
 journal.  
 Jenny  
 Called 3/17 - 10/20  
 asked for this in  
 in voice form*

3. We experienced 5 hours delay waiting on Hanson to rebuild and machine the flange on their tapping machine

Chad Monk – 2 hours @ 24.00 = 48.00

Raul Buena – 2 hours @ 14.50 = 29.00

Juan Tijerina – 2 hours @ 11.00 = 22.00

Enrique Palomares – 2 hours @ 12.00 = 24.00

Jesse Martinez – 2 hours @ 8.85 = 17.70

Jorge Hinojosa – 2 hours @ 12.50 = 25.00

Caferino Gonzalez – 2 hours @ 10.00 = 20.00

Tax & Insurance on 185.70 = 40.00

**Total delay cost waiting on Hanson 225.70**

4. As a result of the aforementioned delays we were forced into an extreme overtime situation in order to meet Hanson's scheduled tapping dates.

Raul Buena – 36 hours @ 21.75 = 783.00

Juan Tijerina – 28 hours @ 16.50 = 462.00

Enrique Palomares – 20 hours @ 18.00 = 360.00

Jesse Martinez – 5 hours @ 13.275 = 66.38

Jorge Hinojosa – 42 hours @ 18.75 = 787.50

Caferino Gonzalez – 36 hours @ 15.00 = 540.00

Tax & Insurance on 2,998.88 = 644.75

**Total overtime wages = 3,643.63**

5. Incorrect locate marks for the City of Dallas water mains resulted in the removal and replacement of 29 additional square yards of concrete paving at the purchase order price of 200.00 per square yard. Total add for additional concrete paving **5,800.00**

**Total additional compensation requested is \$18,688.73**

Respectfully submitted,  
Mastec North America



Roger L. Cole  
Chief Estimator

**ARAPAHO ROAD PHASE III FUNDING UPDATE**  
**March 10, 2005**

**Available Balances as of December 31, 2004**

Fund 41 - Street Capital Project Fund	\$ 1,247,842
Fund 46 - 2000 Capital Project Fund	-
Fund 44 - 2002 Capital Project Fund	803,744
Fund 47 - 2004 Capital Project Fund	11,990,624
<b>Total Project Balances</b>	<b>\$ 14,042,210</b>

**Project Requirements as of December 31, 2004**

Archer Western Contractors Ltd.	\$ 12,028,332
HNTB Design Contract	56,381
HNTB Construction Inspection Contract	310,310
HNTB Landscape Architecture Contract	4,365
	<u>12,399,388</u>

Included in original contract approved by Council.

**Additional Work to be Performed:**

Archer Western Change Order #1	\$ 8,500
Archer Western Change Order #2	\$ 17,550
Archer Western Change Order #3	134,700
<b>Future Change Orders</b>	<b>250,000</b>
TXU Utility Relocation	282,000
SBC Utility Relocation	39,000
Farmers Branch Water Line Relocation	88,720
Archer Western Incentive Payment	200,000
HNTB Additional Construction Inspection	269,000
Legal Fees Associated w/ Acquired Properties*	30,000
DGNO Railroad Crossing	1,300,000
	<u>2,610,970</u>

These items were not explicitly budgeted in the Arapaho Road project. However, a \$1.3 MM contingency was included to offset any potential overruns.

**Total Project Requirements** \$ 15,010,358

**Estimated Project Funding Deficit** \$ (968,148)

**Potential Resources:**

Forego South Quorum/Inwood Road Project	\$ 518,260
Beltline Resurfacing Project Savings	200,000
Future interest earnings	50,000
	<u>768,260</u>

**Adjusted Project Ending Balance** \$ (199,888)

\* Potential exposure for entire Niles property lawsuit is \$600,000.





**dallas water utilities**  
**city of dallas**

March 4, 2005

Mr. Steve Chutchian, P.E.  
Assistant City Engineer  
Town of Addison  
P.O. Box 9010  
Addison, Texas 75001-9010

Dear Mr. Chutchian:

We have received your letter dated March 2, 2005 and are prepared to allow the shutdown of the 60" transmission line beginning March 7<sup>th</sup>.

We appreciate your cooperation and willingness to work with us to help ensure our system's integrity, as well as the other customer cities.

Sincerely,

Charles E. Stringer, P.E.  
Assistant Director - Water Operations

Our Vision: To be an efficient provider of superior water and wastewater service and a leader in the water industry.

Water Utilities Department • City Hall 4AN Dallas, Texas 75201  
Telephone: (214) 670-3146

# HNTB

Mr. Ben Withered  
Project Manager  
Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Re: Installation of TXU Electrical

March 3, 2005

Dear Ben:

On March 3, 2005, the Subcontractor to TXU will be mobilizing to install the 2-way manhole located in the Arapaho Road R.O.W. at the approximate station 25+35 along Storm Sewer Line A.

At this time, the Town of Addison is requesting Archer Western to hold off on the installation of the Line 'A' Storm Sewer box culvert between the stations 25+25 to 25+50.

Thank you,



Guy Van Baulen

HNTB Corporation

Cc: File

Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation

**HNTB Corporation**  
The HNTB Companies  
Engineers Architects Planners

15150 Surveyor Blvd.  
Addison, TX 75001

Telephone (972) 361 - 0064  
Facsimile (972) 361 - 0065  
www.hntb.com

# HNTB

Mr. Ben Withered  
Project Manager  
Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Re: Lowering of 60" DWU main

March 2, 2005

Dear Ben:

Pursuant to the Town of Addison's request to shutdown the 60" Water Main, commencing on March 7, 2005, and DWU agreement to same, let this letter serve as notice that Archer Western Contractors, Ltd. may begin work at that time.

Please advise me of your actual start date, your final schedule sequence of work and all Emergency Contacts prior to starting work for distribution.

Thank you.



Guy Van Baulen  
HNTB Corporation

Cc: Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation  
Cassia Sanchez, Dallas Water Utilities  
File

## Weekly Meeting Agenda

Date: Tuesday March 1, 2005  
Time 10:00 A.M.  
Location: Field Office

Arapaho Road Phase III

### I. Safety Issues

1. Message boards have been set out to advertise the new northbound traffic alignment on Midway Road starting 2-23-05. *Message boards to be removed 3-1-05*
2. The detour for Surveyor Blvd. will take place today. 2-22-05.  
Archer Western has not received documentation that the detour has been approved by the Town. *Jenny approved 2-22-05*
3. Archer Western suggests that the traffic lights at Arapaho and Surveyor Blvd. be set on red flash for the duration of the crossing detour to help control the speed of the traffic. *E-mailed request to Jenny on 2-22-05, we have not received an answer.*

### II. Submittals

1. Bar lock samples were given to Daniel Filer.  
Texas Concrete must sign off on block outs.  
A RFI needs to be generated for Cliff Hall to sign off on.  
A RFI has been sent, Cliff Hall has not signed off on it yet.  
11-30-04  
The RFI was verbally not approved by URS.  
A/W requested a product to use. 11-30.  
We have received a weld detail for the splice on 12-3.  
A/W is reviewing the detail.  
Additional details between A/W and HNTB need to be resolved.  
Cliff Hall will stamp drawing 12-17.  
Received Revised Plan Sheet - Shop Drawing Being Revised  
The documents were received by HNTB on 1-3-05.  
Approved as noted. 1-11-05  
Pricing is pending. 1-18-05.  
Pending 1-25.  
Pending 2-1.  
Price is pending Andrew and Ben 2-15.

## 2. Open Submittals:

Hangers

Guy said he will follow up on the open items. 2-1.

Daniel Filer is reviewing.

*Received approved as noted Shop Drawings 2-25-05*

## III. Old Business

1. The roadway grades at the brickyard will not tie into the Railroad tracks. Jennie is looking into this. 10-26. HNTB needs a RFI from A/W. The grades will be adjusted. 11-2. Andrew and HNTB will review the grades today. 11-2.

A/W has requested a revised plan sheet for this area. 11-30.

HNTB is in the process of revising plan sheets.

Nothing yet. 12-28.

No reply yet 1-04-05.

Nothing yet. 1-11-05.

A/W received the revised plan sheet on 1-20-05 and is reviewing. 1-25-05.

Chris and Andrew are checking. 2-1.

A/W has sent an RFI (# 71) concerning the elevation conflicts.

Are revisions forthcoming?

*Chris Langford forwarded information to Daniel 2-23-05*

## IV. Change Orders

### 1. OPEN C.O.'s

#### A. C.M.P

Guy said he should have it today. 2-1.

Guy said price is not acceptable; a letter is forthcoming to do the work by force account per the COG.

*Ben and Guy resolved pricing disparity.*

#### B. Extra work at Gas line on Line A

Andrew to get info to Guy. 2-1.

### 2. Ben is reviewing pricing on:

A. Irrigation at Comfort Suites

B. Paint pricing

C. Tee and valve on 16" water line.

## V. New Business

The Town is to start the work on the DWU line on Feb. 24 & 25.

*Still have not received a official start date from Town of Addison. Archer Western requires 2 week notice to schedule our crews and coordinate with DWU inspection.*

## V. Misc.

1. A RFI has been sent to HNTB about gas, water, sewer and telephone conflicts, with lines A & B, at Surveyor Blvd.

HNTB is reviewing. 1-11-05.

A. It has been stated that the gas line is abandoned.

A/W request in writing from ATMOS that the gas line at Surveyor is abandoned.

Guy witnessed ATMOS drilling into the dead line.

B. The water line is to be lowered.

The valves have been installed. The line will be lowered as we come through with the boxes.

C. Cut and cap the abandoned forced main sewer line.

A/W will do this as we come through with the boxes.

D. The SBC lines have been put in conduit and A/W is to go under it with lines A & B.

Shots have been taken on this. Chris will verify.

The SBC line will need to be raised as we lay box under it.

Guy said he would contact SBC.

***Archer Western discovers that line B conflicts with existing 36" casing. Guy gave A/W detail to notch box and encase casing pipe. A/W will submit field charges.***

2. A/W received a letter from HNTB that the 60" DWU water lowering will not take place until A/W is notified to proceed.

HNTB said it appears that it will be in March that the line can be lowered.

A/W was verbally told that changes are forthcoming but we have not received plans yet.

***Still have not received a official start date from Town of Addison. Archer Western requires 2 week notice to schedule our crews and coordinate with DWU inspection.***

3. The electrical illumination conduit at Midway apparently was damaged by Olden when they drilled soil nails for the shoring.

Repairs will need to be made when A/W is in phase II .

The conduit was repaired on 2-21-05.

***Closed***

4. The existing SS service at the Rink is 18" lower than plan elevation.

The fix appears to be to move the Manhole from the median to the east and tie the existing sewer into the manhole.

Is HNTB in agreement with this?

HNTB needs to review with Katara Curry.

***Received RFI response, approving of the relocation of the manhole. During installation of 10" SS, the proposed alignment is in conflict with SBC manhole. A/W installed additional manhole per Guy to go around SBC manhole.***

## VI. Schedule

1 Review Weekly Schedule

3/1/2005

**ARAPAHO ROAD**



**SUBS/NOTES**

Activity Description	Prod	Current Week						Next Week						Following Week						
		M	T	W	T	F	S/S	M	T	W	T	F	S/S	M	T	W	T	F	S/S	
		28	1	2	3	4	5	7	8	9	10	11	12	14	15	16	17	18	19	
<b>Dirt and Utilities</b>																				
Excavate/Embank Brickyard						/	X	X	X	X	X	/								
Line A & B (Surveyor)		X	X	X	X	X	/	X				/								
Line A ( Midway)				X	X	/	X	X	X		/									
40" Sanitary Sewer		X	X	X	X	/					/									
Line A Laterals						/	X	X	X	X	X	/	X	X	X	X	X	X		
2" Water Lowering @ Surveyor		X	X			/					/									
40" Water Line Lowering						/					/									
Test S.S. Lines A & B						/					/	X	X	X	X	X	X	X		
C.M.P		X	X	X	X	X	/	X	X			/								
<b>Bridge Work</b>																				
Drilled Shafts Abt. 15						/					/									
Caps		X	X	X	X	12	/	X	X	X	X	13	/	X	X	X	X	14	/	
Strip Bent # 10 Cap				X	X	X	/					/								
Bent # 9 Cap		X	P			/	X	X	X		/									
Abutment # 1						/					/									
Set Shore Towers in Midway						/	X	X			/									
Set Beams Span # 9						/					X	X								
Set Steel Arch						/					/							X	X	
Set Beams Span 6,7,8						/					/				X	X				
<b>Retaining Walls</b>																				
CIP Retaining Wall # 1		X	X	X	X	X	/	X	X	X	X	X	/	X	X	X				
CIP Retaining Wall # 2						/	X	X	X	X	X	/	X	X	X	X	X	X		
MSE walls 1,2,5						X	/	X	X	X	X	X	/	X	X	X	X	X		

Waiting on direction

Starting 3/21

Starting 3/21

3/1/2005

**ARAPAHO ROAD**



**SUBS/NOTES**

Activity Description	Prod	Current Week						Next Week						Following Week					
		M	T	W	T	F	S/S	M	T	W	T	F	S/S	M	T	W	T	F	S/S
		28	1	2	3	4	5	7	8	9	10	11	12	14	15	16	17	18	19
<b>Miscellaneous</b>																			
Clean 60" RCP @ Brick Yard						/	/					/	/	X	X	X	X	X	/
Inlets						/	/		X	X	X	/	/	X	X				/
<b>Midway Crossing</b>																			
Backfill			X	X		/	/					/	/						/
Place Asphalt at Midway				X		/	/					/	/						/
Switch Midway to Outside Lanes					X	/	/					/	/						/
<b>Surveyor Crossing</b>																			
Detour Traffic						II	/					/	/						/
Place Asphalt at Surveyor					X	/	/					/	/						/
Paving at Surveyor - South Bound						/	/			X	X	/	/	X	X				/



Kathleen Hartnett White, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
Larry R. Soward, *Commissioner*  
Glenn Shankle, *Executive Director*



PWS ID #0570031 CO

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

February 28, 2005

Mr. Will Gutowsky, P.E.  
Addison Public Works Department  
P.O. Box 9010  
Addison, Texas 75001-9010

Re: City of Addison - Public Water System I.D. #0570031  
As-built Emergency Interconnection between Addison and Farmers Branch  
Engineer Contact Telephone: 972/450-2871  
Plan Review Log Number 200501-082  
Dallas County, Texas

Dear Mr. Gutowsky:

The planning material received on January 19, 2005, with your letter dated January 17, 2005 for the constructed interconnection between the Town of Addison and Farmers Branch has been reviewed. The project generally meets the minimum requirements of the TCEQ's Chapter §290 - Rules and Regulations for Public Water Systems (Rules) and is **conditionally approved for construction** since the planning materials were prepared by a Texas Licensed Professional Engineer to be in substantial compliance with the requirements of 30 TAC Chapter 290. **It is the project engineer's responsibility to see that all state requirements have been met in the design and installation of this project including the items in the attached checklist. Please note that the requirements found in our rule, §290.44(g) regarding interconnections must also be met.**

The submittal consisted of one as-built engineering drawing and technical specifications. The approved project consists of:

- An emergency interconnection between the Town of Addison and Farmers Branch comprised of an 8-inch PVC waterline of an unknown specification and length; and
- Various fittings, valves and related appurtenances.

This approval is for the construction of the above listed items **only**. The City of Addison public water supply system provides water treatment for the system.

Please refer to the Utility Technical Review Team's Log No. 200501-082 in all correspondence for this project. This will help complete our review and prevent it from being considered a new project.

Mr. Steven Z. Chutchian, P.E.

Page 12

February 28, 2005

Please complete a copy of the most current Public Water System Plan Review Submittal form for future submittal to TCEQ for review of improvements to a Public Water System. Every blank on the form must be completed to minimize any delays in review of your project. The document is available on our WEB site at the address shown below.

<http://www.tnrcc.state.tx.us/permitting/waterperm/ud/sf.pdf>

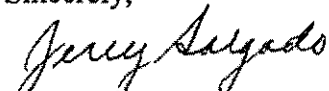
For future reference, you can review part of the Utility Technical Review Team's database to see if we have received your project. This is available on the TCEQ's homepage on the Internet at the following address:

<http://www.tnrcc.state.tx.us/permitting/waterperm/ud/planrev.html>

You can download most of the well construction checklists and the latest revision of Chapter 290 "Rules and Regulations for Public Water Systems" from this site.

If you have any questions please contact me at (512)239-6958 or the Internet address: "JSALGADO@tceq.state.tx.us." or if by correspondence, include MC 153 in the letterhead address below.

Sincerely,



Jerry Salgado, P.E.

Utility Technical Review Team

Water Supply Division MC-153

enclosure

JAS/ac

cc: TCEQ Central Records PWS File #0570031  
TCEQ Region No. 4 Office - Arlington (w/approved materials)

Kathleen Hartnett White, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
Larry R. Soward, *Commissioner*  
Glenn Shankle, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

Dear Sirs:

We are now accepting submittals of public water system engineering plans, reports and specifications in a compact disk (CD) format as an **option**. *For the present*, we are accepting only water transmission and distribution system submittals **only**. We are accepting submittals in a \*.pdf format only.

However, we plan to allow all other public water system submittals on CDs beginning in **March, 2005** as an option. Please visit the TCEQ plan review website for more information at:

<http://www.tnrcc.state.tx.us/permitting/waterperm/ud/planrev.html>

In time, the wide spread use of this procedure for all submittals will prove to be efficient, cost-effective and environmentally friendly. We suggest that planning materials be computer generated or scanned and downloaded to a CD.

The Texas Engineering Practice Act and Rules, §§ 137.31, 33 and 35 allow the use of electronically reproduced planning materials with **only** an electronic signature. A scanned signature is no longer allowed. If a computer-generated seal is used without an electronic signature, the following text or similar wording is required: "**The seal appearing on this document was authorized by (Example: Leslie H. Doe, 0112)**".

Another requirement of the Texas Board of Professional Engineers for an electronic signature is that it be linked to the document in such a manner that the electronic signature is invalidated if any data in the document is changed. This concern will be addressed by submitting a Read Only Memory (ROM) compact disk, otherwise known as a CD-R format.

Accompanied with a hard copy transmittal or cover letter and a submittal form, the CD should contain a design report, construction plans and specifications all properly sealed. We will not object if only selected and pertinent plan sheets and specification sections are submitted.

Please contact me at 512/239-6970 if you have any questions or comments.

Sincerely,

A handwritten signature in cursive script that reads "David D. Laughlin".

David D. Laughlin, P.E., Acting Team Leader  
Utilities Technical Review Team  
Water Supply Division, MC 153

**WATER DISTRIBUTION CONSTRUCTION CHECKLIST**

The following list is a synopsis of the "Rules for Public Water Systems", 30 TAC Chapter 290 regarding proposed water distribution system improvements. Plans and specifications meeting, but not limited, to the minimum requirements cited here shall be prepared under the supervision of a registered professional engineer and submitted to TCEQ for approval. This list is not a substitute for the rules. Failure to submit the following items may delay project approval. Copies of the rules may be obtained from Texas Register, P.O. Box 13824, Austin, TX, 78711-3824, Phone: 512/463-5561 or downloaded from our website at:

*trco*  
<http://www.tceq.state.tx.us/permitting/waterperm/ud/planrev.html>

1.  Conforms to American Water Works Association (AWWA) standards. [§290.44(a)]
2.  Conforms to ANSI/NSF Standard 61 and certified. [§290.44(a)(1)]
3.  Plastic pipe bears NSF-pw seal; ASTM class 150 psi or SDR-26. [§290.44(a)(2)]
4.  Not used for purpose other drinking water. [§290.44(a)(3)]
5.  Installed by manufacturer's instructions;  depth of cover 24 inches. [§290.44(a)(4)]
6.  Hydrostatic leakage rate conforms to AWWA formulas. [§290.44(a)(5)]
7.  Correct leakage rate formula. [§290.44(a)(5)]
8.  Pipes and fittings contain no more than 8.0% lead. [§290.44(b)(1)]
9.  Minimum water line sizes. [§290.44(c)]
 

10	Connections	2 inches
25		2.5
50		3
100		4
150		5
250		6
>250		8 and larger
10.  Minimum design pressure of 35 psi at flow of 1.5 g.p.m. per connection. [§290.44(d)]
11.  Air release where air locks may occur in the lines. 16-mesh or finer screen on vent. [§290.44(d)(1)]
12.  Booster pumps take suction from storage tanks. [§290.43(f)]
13.  Metering devices at each service connection. [§290.44(d)(4)]
14.  Sufficient valves and blowoffs. [§290.44(d)(5)]
15.  Looped lines, dead-ends have flush valves and discharge piping. [§290.44(d)(6)]
16.  Separation distances. (wastewater lines, manholes and fire hydrants) [§290.44(e)]
17.  Disinfected in accordance with Chapter 290 and AWWA Standard C651. [§290.44(f)(3)]

# **Monthly Progress Report**

## **Construction Services for the Arapaho Road Bridge Over Midway Road**

URS Project No. 25334402

Period: From February 26, 2005 to April 1, 2005

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### **1. General Accomplishments**

1.1 Responded to questions from HNTB and RFI's from contractor.

### **2. Progress This Period**

2.1 Responded to RFI-69, RFI-74 & RFI -77

2.2 Responded to HNTB's questions.

### **3. Anticipated Next Period**

3.1 Respond to RFIs

3.2 Respond to HNTB questions.

### **4. Schedule Status**

4.1 All outstanding questions have been responded to.

### **5. Issues / Impacts**

5.1 None.

**HNTB Corporation — Project Status Report**

<b>Project:</b>	Arapaho Road Phase 3 – Shop Drawing Review
<b>Client:</b>	Town of Addison, Texas
<b>Report No.:</b>	2
<b>Time Period:</b>	February 26, 2005 to April 29, 2005
<b>Prepared By:</b>	Scott Forbes, P.E.

**Work Started or Progressed**

- Perform shop drawing review for construction of the Arapaho Road Phase 3 Bridge over Midway Road

**Work Completed**

- Responding to RFI requests on the shop drawings

**Work Scheduled to be Performed During Next Report Period**

- Continue to respond to RFI requests on shop drawings



<b>Project:</b>	Arapaho Road – Phase III
<b>Client:</b>	Town of Addison, Texas
<b>Report No.:</b>	12
<b>Time Period:</b>	2/26/05 through 3/4/05
<b>Prepared By:</b>	GVB

**Work Started or Progressed**

- Maintain Traffic Shift @ Midway Rd. – Phase III traffic pattern
- 10” Sanitary Sewer to complete tie-in and service connection
- Continue installation of Storm Sewer Box Culverts Line A & B
- Continue installation inlet on Lateral along Line A & B Storm Sewer
- Assembling & setting reinforcement steel for Bent 12 Cap
- Building Formwork for the Bridge Beam Cap at Bent 12
- Continue placing concrete Structural wall #1 top section
- Excavation of Roadway and Site at Brickyard

**Work Completed**

- Storm Sewer Box Culvert Line A & B: Sta -0+98 to -1+36, East of Surveyor Blvd.
- Completed the 10” Sanitary Sewer across Midway Road
- Completed placing of the Concrete for Bridge Caps – Bent 9 & 12
- Bridge Substructures Bents 2, 10 & 11: Completed striping the cap formwork

**Work Scheduled to be Performed During Next Week**

- **Shift Traffic Pattern at Surveyor Blvd. to continue Box Culvert**
- **Began to clean existing 60” RCP storm sewer**
- **Bridge Caps – Bent Concrete placement 13**
- **Bridge Caps – Strip Formwork on Bents 9 & 12 and began to set formwork for Bents 13 bridge caps for concrete placement.**
- **Began re-excavation & placement of concrete for Structural wall #3**



# CHARTER FURNITURE

February 21, 2005

Mr. Jim Pierce  
Town of Addison  
Post Office Box 9010  
Addison, Texas 75001-9010

Dear Jim:

At the request of Steve  
I had with Mike Murphy, who

The trucks and tractor  
damaged the surface of our  
and would resurface the park

Please feel free to call

Sincerely,

*Bill Crepeau*  
Bill Crepeau, CEO

WMC:ldc

Cc: Ron Whitehead, Town of Addison  
Steve Chutchian, Town of Addison

Steve: Why wouldn't the  
contractor be responsible  
for the cost of these repairs?

Jenny -

WILL YOU ~~DISCUSS~~ <sup>41105</sup> ~~DISCUSS~~

THIS WITH GUY &

INTRODUCE THE CONCEPT  
OF ARCHER BEING

RESPONSIBLE. THANKS!

Steve C

verbal agreement

worn and  
of the problem

is agreement.

## SALES

15101 Midway Road  
Addison, Texas 75001  
(972) 385-3411  
(972) 385-0621 Fax

## RENTAL

14430 Midway Road  
Dallas, Texas 75244  
(972) 385-3204  
(972) 385-7650 Fax

## SALES

8100 Bedford-Eulless Road  
North Richland Hills, Texas 76180  
(817) 577-2300 metro  
Fax (817) 577-5333 metro





February 21, 2005

Mr. Jim Pierce  
Town of Addison  
Post Office Box 9010  
Addison, Texas 75001-9010

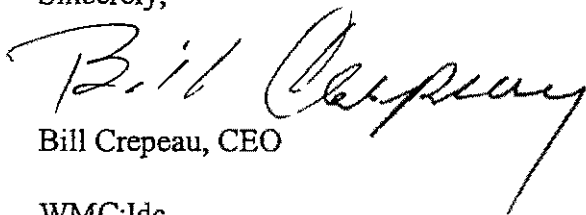
Dear Jim:

At the request of Steve Chutchian, I'm writing you concerning a verbal agreement I had with Mike Murphy, while he was representing the Town of Addison.

The trucks and tractors used in the construction of the bridge have worn and damaged the surface of our parking lot. Mike assured me he was aware of the problem and would resurface the parking lot at the appropriate time.

Please feel free to call me with any further questions regarding this agreement.

Sincerely,

A handwritten signature in cursive script that reads 'Bill Crepeau'. The signature is written in black ink and is positioned above the printed name.

Bill Crepeau, CEO

WMC:Idc

Cc: Ron Whitehead, Town of Addison  
Steve Chutchian, Town of Addison

**SALES**

15101 Midway Road  
Addison, Texas 75001  
(972) 385-3411  
(972) 385-0621 Fax

**RENTAL**

14430 Midway Road  
Dallas, Texas 75244  
(972) 385-3204  
(972) 385-7650 Fax

**SALES**

8100 Bedford-Eules Road  
North Richland Hills, Texas 76180  
(817) 577-2300 metro  
Fax (817) 577-5333 metro

<b>Project:</b>	Arapaho Road -- Phase III
<b>Client:</b>	Town of Addison, Texas
<b>Report No.:</b>	11
<b>Time Period:</b>	2/19/05 through 2/25/05
<b>Prepared By:</b>	GVB

**Work Started or Progressed**

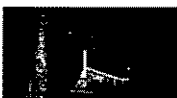
- Maintain Traffic Shift @ Midway Rd. -- Three to Two Lanes -- Phase III
- 10" Sanitary Sewer to complete tie-in and service connection
- Continue installation of Storm Sewer Box Culverts Line A & B
- Continue installation inlet on Lateral along Line A, B & C Storm Sewer
- Continue to assemble & set reinforcement steel for Bent 2, 9 & 11 Cap
- Continue to Build Formwork for the Bridge Beam Cap at Bent 2, 9 & 11
- Continue placing concrete Structural wall #1 @ 40ft section
- Excavation of Roadway and Site at Brickyard

**Work Completed**

- Storm Sewer Box Culvert Line A & B: Sta -0+98 to -0+50, East of Surveyor Blvd.
- Backfill & place Temp. Pavement at Roadway area of Midway to Shift Midway Lane Traffic to Phase III
- Completed Excavation & placing of the Concrete for Structural Wall #1 up to Construction Joint
- Completed placing of the Concrete for Bridge Caps -- Bent 2
- Bridge Substructures Bents 3, 4 & 10: Completed striping the cap formwork

**Work Scheduled to be Performed During Next Week**

- Continue Utility Crossing 10" Sanitary Sewer across Midway Rd.
- Bridge Caps -- Bent 9 & 11 Concrete placement
- Bridge Caps -- Strip Formwork on Bents 2, 9 & 11 and began to set formwork for Bents 12 & 13 bridge caps for concrete placement.
- Place concrete top section of Structural wall #1
- Began re-excavation & placement of concrete for Structural wall #3



## Weekly Meeting Agenda

Date: Tuesday Feb.15, 2005  
Time 10:00 A.M.  
Location: Field Office

Arapaho Road Phase III

### I. Safety Issues

1. How many message boards need to be set out to advertise Midway Phase III detour?

### II. Submittals

1. Bar lock samples were given to Daniel Filer.  
Texas Concrete must sign off on block outs.  
A RFI needs to be generated for Cliff Hall to sign off on.  
A RFI has been sent, Cliff Hall has not signed off on it yet.  
11-30-04  
The RFI was verbally not approved by URS.  
A/W requested a product to use. 11-30.  
We have received a weld detail for the splice on 12-3.  
A/W is reviewing the detail.  
Additional details between A/W and HNTB need to be resolved.  
Cliff Hall will stamp drawing 12-17.  
Received Revised Plan Sheet - Shop Drawing Being Revised  
The documents were received by HNTB on 1-3-05.  
Approved as noted. 1-11-05  
Pricing is pending. 1-18-05.  
Pending 1-25.  
Pending 2-1.  
Price is pending Andrew and Ben 2-15.
2. Open Submittals:  
Hangers  
Guy said he will follow up on the open items. 2-1.

### III. Old Business

1. The roadway grades at the brickyard will not tie into the Railroad tracks. Jennie is looking into this. 10-26. HNTB needs a RFI from A/W. The grades will be adjusted. 11-2. Andrew and HNTB will review the grades today. 11-2.  
A/W has requested a revised plan sheet for this area. 11-30.  
HNTB is in the process of revising plan sheets.  
Nothing yet. 12-28.

No reply yet 1-04-05.

Nothing yet. 1-11-05.

A/W received the revised plan sheet on 1-20-05 and is reviewing. 1-25-05.

Chris and Andrew are checking. 2-1.

#### **IV. Change Orders**

##### 1. OPEN C.O.'s

A.C.M.P

Guy said he should have it today. 2-1.

B. Extra work at Gas line on Line A

Andrew to get info to Guy. 2-1.

2. Ben is reviewing pricing on:

A. Irrigation at Comfort Suites

B. Paint pricing

C. Tee and valve on 16" water line.

#### **V. New Business**

##### **V. Misc.**

1. A RFI has been sent to HNTB about gas, water, sewer and telephone.

conflicts, with lines A & B, at Surveyor Blvd.

HNTB is reviewing. 1-11-05.

A. It has been stated that the gas line is abandoned.

A/W request in writing from ATMOS that the gas line at Surveyor is abandoned.

Guy witnessed ATMOS drilling into the dead line.

B. The water line is to be lowered.

The valves have been installed. The line will be lowered as we come through with the boxes.

C. Cut and cap the abandoned forced main sewer line.

A/W will do this as we come through with the boxes.

D. The SBC lines have been put in conduit and A/W is to go under it with lines A & B.

Shots have been taken on this. Chris will verify.

The SBC line will need to be raised as we lay box under it.

Guy said he would contact SBC.

2. A/W received a letter from HNTB that the 60" DWU water lowering will not take place until A/W is notified to proceed.

HNTB said it appears that it will be in March that the line can be lowered.

A/W was verbally told that changes are forthcoming but we have not received plans yet.

3. The electrical illumination conduit at Midway apparently was damaged by Olden when they drilled soil nails for the shoring.

Repairs will need to be made when A/W is in phase II .

4. The existing SS service at the Rink is 18" lower than plan elevation.

The fix appears to be to move the Manhole from the median to the east and tie the existing sewer into the manhole.

Is HNTB in agreement with this?

5. Valve extinctions need to be placed on the 6" & 16" valves at Midway.

## **VI. Schedule**

1 Review Weekly Schedule



February 14, 2005

HNTB Architects, Engineers and Planners  
Guy Van-Baulen  
5910 West Plano Parkway, Ste. 200  
Plano, TX 75093

Dear Guy,

I would like your assistance with the claim Mapsco, Inc. filed with Archer-Western regarding the power outage on November 11, 2004 at our headquarters at 4181 Centurion Way in Addison, Texas.

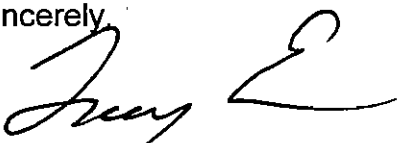
It has been 90 days since the event occurred. We have provided an initial document to you outlining our claim—and sent back-up data as requested by Gallagher-Bassett, Archer-Western's insurance provider, on January 12, 2005.

Since we are not Gallagher-Bassett's client, we are not in a position to press them to move forward in an expeditious manner. We do not feel that anyone from Archer-Western is working to resolve this matter. In fact, no one from Archer-Western has recently returned our calls.

Please pass this letter on to your contacts at Archer-Western. We expect an update from them concerning this claim by February 25, 2005.

Thanks for your assistance.

Sincerely,



Tracy Eubanks  
Exec. V.P., COO  
Mapsco, Inc.

cc Steve Chutchian, Town of Addison  
Bill Crepeau, Owner of Property (Landlord)

<b>Project:</b>	Arapaho Road – Phase III
<b>Client:</b>	Town of Addison, Texas
<b>Report No.:</b>	10
<b>Time Period:</b>	2/12/05 through 2/18/05
<b>Prepared By:</b>	GVB

**Work Started or Progressed**

- Maintain Traffic Shift @ Midway Rd. – Three to Two Lanes – Phase II
- 10” Sanitary Sewer to complete tie-in and service connection
- Continue installation of Storm Sewer Box Culverts Line A & B
- Continue installation inlet on Lateral along Line A, B & C Storm Sewer
- Continue excavating and placing concrete Structural wall #1 @ 40ft section
- Continue to assemble and set reinforcement steel for Bent 9 Beam Cap
- Continue to Build Formwork for the Bridge Beam Cap at Bent 9
- Excavation of Roadway and Site at Brickyard

**Work Completed**

- Storm Sewer Box Culvert Line A: Sta 43+25 to 44+50, East of Midway Rd.
- Bridge Substructures Bents 3, 4 & 10: Completed placing concrete in Cap

**Work Scheduled to be Performed During Next Week**

- **Backfill & place Temp. Pavement at Roadway area of Midway to Shift Midway Lane Traffic to Phase III**
- **Continue Utility Crossing of Storm Sewer Box Culvert Line A and 10” Sanitary Sewer across Midway Rd.**
- **Bridge Caps – Bent 9 Concrete placement**
- **Bridge Caps – Strip Formwork on Bents 3 and 4, began to set formwork for Bents 2 and 14 bridge caps for concrete placement**





## Attachment A

### Arapaho Road Construction Inspection

Original Contract Amount	\$ 211,060.00
Days bid by Archer-Western	425
Days used as of Feb. 11, 2005	187
Days to completion	238
Weeks to completion	34
Amount Spent as of Feb. 11, 2005	\$ 232,514.48
Over Budget Amount	\$ (21,454.48)

Assumptions:

1. After February 11th, Archer Western will work for 34 more weeks to complete project.
2. Archer Western will work 6 days a week, 12 hours per day for 30 weeks.
3. Archer Western will work 7 days a week, 12 hours per day for 4 weeks.
4. This equates to 208 days of construction remaining.

Guy Van-Baulen will work a maximum of 40 hours per week.

Guy's assistant will work a maximum of 0 hours per week.

Guy	
Weeks	34
Hours/Week	40
Total Hours	1,360

Hours	1,360
Rate	\$ 36.00
Direct Labor	\$ 48,960.00

ER	2.92
Total	\$ 142,963.20

Total Labor           \$ 142,963.20

Guy's Assistant	
Weeks	34
Hours/Week	0
Total Hours	0

Hours	0
Rate	\$ 23.00
Direct Labor	\$ -

ER	2.92
Total	\$ -

**Total amount required to finish project**

Existing Over Budget amount	\$ 21,454.48	
Total Labor	\$ 142,963.20	
Project Management	\$ 12,000.00	(assumes 2 hours per week)
Expenses	\$ 3,570.00	
<b>Total</b>	<b>\$ 179,988</b>	

**Steve Chutchian**

---

**From:** Katura Curry [kcurry@gra-ce.net]  
**Sent:** Thursday, February 10, 2005 4:02 PM  
**To:** Steve Chutchian; Jenny Nicewander; Jim Pierce; Bruce Grantham; Jerry Holder; Guy Van-Baulan; Cassia Sanchez; Erling Holey; Tonia Barrix; Randy Payton; Billie Jurgerson  
**Subject:** Marsh Lane Water Tap Schedule

David Robinson at DWU has passed onto me that DWU has agreed to doing the tap at Marsh Lane as scheduled on February 24th through February 26th.

Hanson will need to coordinate directly with David regarding the tapping pressures, etc. as time gets closer.

If you have any questions, please let me know. I appreciate everyone's cooperation on getting this project to this point.

Regards,

Katura

\*\*\*\*\*

Katura Curry, P.E.  
Grantham & Associates, Inc.  
(972) 864-2333

2/11/2005



Mr. Ben Withered  
Project Manager  
Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Re: Extra Work Labor Burden

February 8, 2005

Dear Ben:

In review of several proposals that Archer Western Contractors, Ltd. has submitted with a breakdown for the estimate labor time and cost. It was recognized that all labor rates were at a high rate. After discussing this with Archer Western Contractors, Ltd. personal it was expanded that all labor rate were being adjusted as per the TXDOT specification, section 9.4 for extra work.

A reminder to Archer Western Contractors, Ltd. that this project is not a TXDOT project and that it contract is following the North Central Texas Council of Governments 4<sup>th</sup> edition, Section 109.3, which indicates compensation will be made for all reasonable costs of labor, material, supplies, tools, equipment or machinery etc.

Therefore, the Town of Addison is requesting Archer Western Contractors, Ltd to submit all cost proposals with an actual labor rates for their estimates for the compensation of extra work performed.

If Archer Western Contractors, Ltd. wishes to claim a labor burden, the town of Addison request Archer Western Contractors, Ltd. to submit their actual burden for review and approval.

Please advise us of any actions you will take.

Thank you,

Guy Van Baulen  
HNTB Corporation

Cc: File  
Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation

<b>Project:</b>	Arapaho Road – Phase III
<b>Client:</b>	Town of Addison, Texas
<b>Report No.:</b>	9
<b>Time Period:</b>	2/5/05 through 2/11/05
<b>Prepared By:</b>	GVB

**Work Started or Progressed**

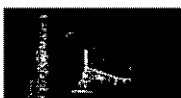
- Maintain Traffic Shift @ Midway Rd. – Three to Two Lanes – Phase II
- 10” Sanitary Sewer to complete tie-in and service connection
- Continue installation of Storm Sewer Box Culverts Line A & B
- Continue installation inlet on Lateral along Line A, B & C Storm Sewer
- Began to excavate and place concrete Structural wall #1 @ 60ft section
- Continue to assemble and set reinforcement steel for Bent 9 & 10 Beam Cap.
- Continue to Build Formwork for the Bridge Beam Cap at Bent 9 & 10.
- Excavation of Roadway and Site at Brickyard

**Work Completed**

- Storm Sewer Box Culvert Line A: Sta 41+00 to 43+25, East of Midway Rd.
- Bridge Substructures Bents 5 & 8: Completed placing concrete in BeamCap
- Completed backfill and placed temp pavement and switch over traffic from phase I to II

**Work Scheduled to be Performed During Next Week**

- **Continue Utility Crossing of Storm Sewer Box Culvert Line A and 10” Sanitary Sewer across Midway Rd.**
- **Backfill & place Temp. Pavement at Roadway area of Midway to Shift Midway Lane Traffic to Phase III**
- **Bridge Caps – Bent 10 Concrete placement**
- **Bridge Caps – Strip Formwork on Bents 5 and 8, began to set formwork for Bents 3 and 4 bridge caps for concrete placement**





## Permit Movement Conditions and Curfews

1. Permittee must adhere to described route (if applicable).
2. Vehicles permitted may travel through any highway construction or maintenance area provided the dimensions do not exceed the construction restrictions posted by the Department.
3. Loads not exceeding 10' wide or 100' long with legal front and rear overhang may travel at night on the Interstate Hwy. System only. Escorts not required. Loads are restricted to 14' wide, 16' high, and 110' long on the six major holidays.
4. When one escort is required, escort should be in front on non-divided highways and in rear on divided highways.
5. Daylight movement only unless otherwise specified.
6. Concrete beams: up to 150' long may convoy in groups of four with front and rear escorts. Up to 180' long may convoy in groups of two with front and rear escorts. Loads may not travel more than 1000' feet apart.
7. Movement of a permitted vehicle is prohibited when the road surface is hazardous due to rain, ice, sleet, snow, wind, or highway maintenance/construction work (see second statement) or when visibility less than 2/10 of one mile.
8. It is the responsibility of the permittee to clear any overhead obstruction or utility line.  
In addition, all utility companies or other entities must be contacted in advance, as required by the utility or entity, to assist in clearing the obstruction. Loads must use designated truck routes in: Andrews, Crane, & Kermit.
9. It is expressly understood that The Texas Department of Transportation shall not be responsible in any way for any damage of whatever nature that may result from the movement of the described vehicle and load over Texas highways, and that all such responsibility is hereby accepted to behalf of the applicant.
10. This oversized and/or overweight permit is issued on the condition that the applicant will comply with all laws and rules relating to the movement of oversized and/or overweight vehicles and/or equipment on Texas highways. Violations of any laws or rules formally adopted by the Texas Department of Transportation regarding the movement of oversized and/or overweight vehicles and/or equipment will cause this permit to be null and void and may subject the applicant to being cited for violation of Texas size and weight laws. This permit does not authorize the vehicle(s) to exceed the manufacturer's tire load rating FMCSR §393.75(f).

City	Curfew Movement Restriction	Time	Days
Austin	Over 12' wide or 95' long	7-9 a.m. & 4-6 p.m.	M-F
Bandera: SH173/SH16	All permit loads (Sept.-May)	7-9 a.m. & 3-5 p.m.	M-F
Carrizo Springs: FM1556)	All permit loads (Sept.-May)	3-4 p.m.	M-F
Dallas County	Over 12' wide or 95' long	7-9 a.m. & 4-6 p.m.	M-F
Dallas: IH635	Over 12' wide or 95' long from IH35E to IH30	7-9 a.m. & 3-7 p.m.	M-F
Dallas	Overwidth loads may not travel inside LP12	7-9 a.m. & 4-6 p.m.	M-F
Forney	All permit loads from IH20 to US80	7-9:30 a.m. & 2-4:30 p.m.	M-F
Denton/Lewisville	Over 12' wide or 95' long	7-9 a.m. & 4-6 p.m.	M-F
El Paso	Over 12' wide or 95' long	7-9 a.m. & 4-6 p.m.	M-F
Hallettsville: US77/US90A *	All permit loads (August-May)	7:30-8:15 a.m. & 3-3:45 p.m.	M-F
Hooks-New Boston	No loads over 14' wide on US82	6-8 a.m. & 3-5 p.m.	All Days
Houston*	All permit loads	7-9 a.m. & 4-6 p.m.	M-F
Jasper	Over 16' wide	7:30-8:30 a.m. & 3-4 p.m.	M-F
Karnack	Over 14' wide from US59 to LP499	6-8 a.m. & 3-5 p.m.	All Days
Kerrville: SH27	No permit loads: from FM783 to LP534	7-8:15 a.m., 11:30 a.m.-1:15 p.m., 3:30-5:30 p.m.	M-F
Kerrville: SH16	No permit loads: from SH27 to LP534	7-8:15 a.m., 11:30 a.m.-1:15 p.m., 3:30-5:30 p.m.	M-F
Lubbock*	All permit loads	7-9 a.m. & 4-6 p.m.	M-F
San Antonio	Over 12' wide or 80' long using cloverleaf on NW LP1604	7-9 a.m. & 4-6 p.m.	M-F
San Antonio*	No permit loads on or inside LP1604	7-9 a.m. & 4-6 p.m.	M-F
Tarrant County*	All permit loads (s/p mobile cranes exempt)	7-9 a.m. & 4-6 p.m.	M-F
Texarkana	All permit loads over 12' wide	7-9 a.m. & 4-6 p.m.	M-F
Vidor&Beaumont (including IH10 between Vidor/Beaumont)	All permit loads	7-9 a.m. & 4-6 p.m.	M-F
Waco: IH35 FR	No permits from N.US77 to FM308	7-8 a.m.	M-F
Waco: IH35	Over 10' wide from SH6 to N.LP340	7:30-8:15 a.m. & 4:45-5:30 p.m.	M-F
Waco: US77	Over 10' wide from BU77s to FM3148	7:30-8:15 a.m. & 4:45-5:30 p.m.	M-F
Waco: FM3051	Over 10' wide from BU77 to FM1637	7:30-8:15 a.m. & 4:45-5:30 p.m.	M-F
Waco: FM1695	Over 10' wide from US84 to FM2063	7:30-8:15 a.m. & 4:45-5:30 p.m.	M-F
Waco: FM3223	No width from SH6 to FM1695	7:30-8:15 a.m. & 4:45-5:30 p.m.	M-F
Whitehouse: SH110	All permit loads 8/15-6/5	7-8 a.m. & 2:30-3:30 p.m.	M-F
Wichita Falls	Over 12' wide or 95' long	7-9 a.m. & 4-6 p.m.	M-F

\*Permit loads that are overweight only are exempt from curfew

For more information, call the Texas "One-Stop-Shop" Toll Free number at 1-800-299-1700 or visit our website at [www.dot.state.tx.us](http://www.dot.state.tx.us) (Select "Trucking and Vehicle Storage Facilities").

DATE SUBMITTED: February 3, 2005  
FOR COUNCIL MEETING: February 8, 2005

**Council Agenda Item #**

**SUMMARY:**

This item is for consideration of a resolution authorizing the City Manager to enter into a contract with Mastec & Hanson Pipe & Products, Inc., in an amount not to exceed \$79,650, for the construction of the Marsh Lane Emergency Water Interconnection.

**FINANCIAL IMPACT:**

Construction Cost: \$79,650

Source of Funds: Funds are available from the FY 2004 General Obligation Bond Program, Project No. 83300.

**BACKGROUND:**

The third phase of the Arapaho Road extension project is currently under construction and extends from Surveyor Blvd. to Addison Road. Included as part of the proposed improvements is the need to lower an existing 60" diameter Dallas Water Utilities (DWU) transmission main in order to accommodate the construction of an 8 ft. x 5 ft. reinforced concrete box culvert. This main is a component of a larger system that provides the majority of the potable water supply to the Town of Addison, and Cities of Farmers Branch and Carrollton. Farmers Branch uses this main as the sole water supply to the eastern portion of their municipality. As a result, it is critical to the City of Farmers Branch that a supply of water is uninterrupted throughout the lowering of the transmission main.

The design of the water main lowering was performed by DWU and incorporated into the Arapaho Road construction plans. Included in the design is the replacement of an existing 48" valve with a 60" gate valve. The work was originally scheduled to be performed in January 2005. It is necessary to shut down a portion of the 60" water transmission main while it is being lowered.

In early January, a routine coordinaton meeting regarding the 60" main shut down procedure was held between the representatives of the Town, DWU Field Operations, the Engineer, and Farmers Branch. During this meeting, it was discovered that the Farmers Branch water supply feed to their Marsh Lane Pump Station would be shut off when the 60" main is taken out of service. Our staff immediately initiated efforts with Farmers Branch to find an alternate supply source in order to maintain water service during the 60" main lowering. It was determined that the two municipalities could perform an

interconnection between two existing 8" lines at a point along Beltwood Parkway and within the boundaries of the Town of Addison. This interconnection is completed and provides a two-way feed up to 2 million gallons per day (MGD) for either municipality in the case of an emergency. In addition, this interconnection is in accordance with the Town's recently completed Vulnerability Assessment Study. However, this interconnection did not allow for any margin of error in providing adequate volume of water in the case of fire or a main break. On January 20, 2005, the City of Farmers Branch notified the Town that this interconnection fell approximately 5 MGD short of meeting the winter demand of potable water in this portion of their community, and would not agree to the proposed shutdown of their water supply feed. On January 21, 2005, the Town's Engineer initiated a search for another alternative to supply additional water to Farmers Branch. Within a couple of days, it was determined that the existing 18" DWU pipeline at Marsh Lane, which acts as the Farmers Branch water supply feed, could be connected to the existing 60" transmission main with a 16" line. This is the only remaining viable option, and the interconnection, along with the 8" interconnection on Beltwood Parkway, will adequately supply Farmers Branch. All parties involved met on January 31, 2005 and agreed to the design that the Engineer quickly developed. The work will include a 16" tap on the 18" and 60" mains by Hanson Pipe & Products, Inc. and the installation of two valves and 16" concrete cylinder pipe and concrete pavement repair by Mastec. Due to scheduling issues, Hanson can only perform the taps during the period of February 24-February 26, 2005. This schedule will permit the Arapaho Road contractor to remain on course with the March schedule for performing the 60" transmission main lowering.

Specific requirements regarding the 16" interconnection are as follows:

1. The 60" transmission main must be lowered and the system returned to full operation by the end of the month of March 2005. Beyond this time, all affected municipalities will experience a much greater demand for water from the main due to warmer weather conditions.
2. The existing Farmers Branch water supply feed must be interconnected to the existing 60" transmission main beyond the point of system shutdown. The location of the interconnection was determined to be in the outer southbound lane of Marsh Lane, and south of the railroad tracks.
3. High pressure "wet" taps on the existing 60" main and the 18" Farmers Branch water supply feed must be made by Hanson Pipe & Products, Inc, which is the only company in this area that has the capability to perform this work.
4. The Town must use a contractor that is equipped to complete the line and valve connection to the two taps. Subsequently, the Town contacted Mastec for a quote, due to their existing general services agreement to perform this type of work, and their previous association with Hanson Pipe & Products, Inc.
5. The resulting interconnection will be made between two water mains that are both owned by DWU. As a result, the new interconnection will also be owned and maintained by DWU.
6. The interconnection must be made in the outer lane of Marsh Lane and be located approximately 20 ft. south of the existing railroad tracks.

The Town has reached an agreement with Hanson Pipe & Products, Inc. to perform wet taps on the existing 60" & 18" mains, including fabrication of materials, for the total price of \$18,950.00. Mastec was also contacted regarding trenching, pipeline installation and concrete pavement removal and replacement. They have proposed to do this work for a cost not to exceed \$60,700, and complete all items related to the emergency interconnection improvements. The overall cost of the interconnection is \$79,650, and must be completed by March 1, 2005. At that time, Archer Western will initiate the process of shutting down the existing 60" water transmission line and lowering the portion that affects the Arapaho Road, Phase III construction process. Beyond the March 2005 time limit, the 60" water transmission main cannot be taken out of service until Fall 2005. This would create an extraordinary delay in the contract completion date and a substantial increase in cost to the Town due to delays imposed on the Arapaho Road contractor.

**RECOMMENDATION:**

Staff recommends that a resolution be approved that authorizes the City Manager to enter into contracts with Mastec and Hanson Pipe & Products, Inc., in amount not to exceed \$79,650, for construction of the Marsh Lane Emergency Water Interconnection, but also approve a total budget of \$90,000 for this project to cover any unforeseen circumstances.



TOWN OF ADDISON  
P. O. BOX 9010  
ADDISON, TX 75001-9010

P319971

02/01/05

11305 02/01/05

RC20994

HANSON PIPE & PRODUCTS, INC  
1303 N MACARTHUR BLVD  
GRAND PRAIRIE, TX 75050

TOWN OF ADDISON SERVICE CENTER  
16801 WESTGROVE  
ADDISON, TX 75001-5190

FAX:972-266-7540

JIM PIERCE

972-450-2879

1	1 EACH PRESSURE TAPPING SADDLE AND/OR TAPPING SERV.-WASH LN.-EMERGENCY ACCOUNT DISTRIBUTION: 41-000-58110-83300	13950.0000	13950.00
		13950.00	
2	1 EACH LUMP SUM PIPE, ADAPTER, WELDING SERVICE ACCOUNT DISTRIBUTION: 41-000-58110-83300	5000.0000	5000.00
		5000.00	

75-1333-555

SUB-TOTAL 18950.00

TAX 0.00

SHIPPING AND HANDLING CHARGE 0.00

AREA : UTILITIES SUE ELLEN FAIRLEY 18950.00



January 20, 2005

Michael E. Murphy, P.E.  
Director of Public Works  
P.O. Box 9010  
Addison, Texas 75001-9010

RE: Water System Interconnection Between Addison and Farmers Branch

Dear Mr. Murphy,

As you are aware, construction of the interconnection which connects water systems between Addison and Farmers Branch was completed on Friday January 14, 2005. Testing of the interconnection began at approximately 3:00 p.m. on Friday with the 8" connection being fully opened. This testing showed that Addison could furnish approximately 1,350 gpm to Farmers Branch through the connection and raise our system pressure approximately 4 psi. A 3,000-gpm pump at the Celestial Pump Station was running when these conditions were noted. No pumps were running from the Farmers Branch system and our Elevated Tower was at 21.3 feet of 42.5 feet or approximately 50% full.

At this time, we started Pump #4 "our largest" pump available at our Templeton Trail Pump Station to begin the refill cycle of our Elevated Tower and to maintain system pressure. Other additional pumps were also put on line in conjunction with Pump #4 but system pressure did not increase.

The end result filled our Valley View Elevated tank to 38 of 42.5 feet in approximately 17 hours at 9:11 p.m. Saturday January 15. At 3:00 a.m. Sunday January 16<sup>th</sup>, the elevated tank was full at 42.5 feet, some 23 hours in total since beginning the test. At this rate of fill any main break or system failure would severely affect our ability to supply water to the east side of the City.

At this point the Templeton Station was started again using pump #3, which would replace pump #4, "our largest" in the event it became inoperable. It was determined that even under "Sundays low demand" pump #3 could not hold up the elevated tower.

We continued testing and operating the system with the Addison connection fully open and Templeton Pump Station online until approximately 3:30 p.m. Tuesday January 18<sup>th</sup> at which time we switched back to our Marsh Lane Pump Station.

# HNTB

Mr. David Robinson  
Operations Manager  
Pumping Division  
2900 White Rock Road  
Dallas, TX 75214

Arapaho Road -- Phase III Project

January 11, 2005

Dear David:

Three weeks ago, Archer Western Contractors, Ltd. scheduled a meeting with you on the procedures for the lowering of the 60" main and to schedule a test shutdown for the section of the DWU 60" main and the associated valves. During this preparation for the test shutdown of the 60" main that next day, DWU notified Archer Western Contractors, Ltd. that an issue had arisen with the shutdown of the 60" main. DWU found that the water supply connection for the City of Farmers Branch was on the closed side of the valve, which would turn off the water to the City of Farmers Branch Marsh Lane Pumping Station.

Since that time, The City of Farmers Branch has been performing tests on their system to determine if they would be able to maintain pressure and volume when the 60" valve is closed on their system. The City of Farmers Branch has determined that they will not be able to maintain the required pressure beyond 48-hours.

Upon the notification of this issue, the Town of Addison and the City of Farmers Branch began working on an "interconnect" that would supply Farmers Branch during the work on the 60" main line. This "interconnect" must be installed and operational, prior to the shut down of the 60" main line.

The Town of Addison has requested Archer Western Contractors, Ltd. to reschedule the work on the 60" DWU main until the referenced "interconnect" can be completed. At the present time the Town of Addison is attempting to expedite this work and anticipates this work to be completed on or about January 19, 2005. We wanted to keep you informed of this matter.

Thank you,

Guy Van Baulen, EIT  
HNTB Corporation

Cc: Steve Chutchian, Town of Addison  
Erling Holey, Dallas Water Utilities  
Cassia Sanchez, Dallas Water Utilities  
Katura Curry, Grantham & Associates  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation

Prior to stopping the test, Addison and Farmers Branch met at the interconnection site and took pressure readings with two pumps running in Addison, a 3,000 gpm pump and a 7,000 gpm pump.

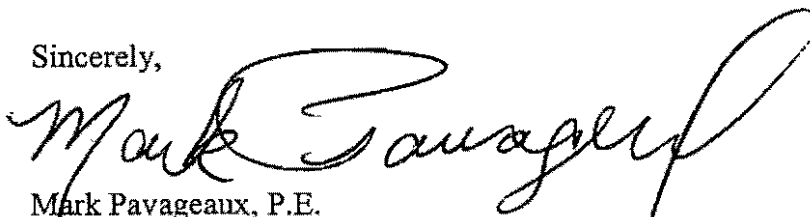
The pressure on Addison's side of the meter was approximately 69 psi. Pressure did not increase on the Farmers Branch side and the maximum volume passing through the meter was 1,250 gpm, during this test. Basically, no significant change was realized in the Farmers Branch system with the two pumps in operation.

In conclusion, based on the results of testing our water system both with and without the Addison / Farmers Branch interconnection, we simply cannot agree to the shut down of the 60" DWU water main at this time.

Farmers Branch is very interested in continuing to work together with Addison and the City of Dallas to find other possible options that would ensure our systems capability and reliability during the lowering of the DWU 60" water main.

Please contact me at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Pavageaux". The signature is written in a cursive, flowing style with a large loop at the end.

Mark Pavageaux, P.E.  
Director of Public Works

Cc: Greg Vick, Assistant City Manager  
Richard Cannon, Engineering Specialist  
Roy Smallwood, Superintendent of Utilities



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871 FAX (972) 450-2837

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

January 11, 2005

Mark G. Pavageaux, P.E.  
Director of Public Works  
P.O. Box 819010  
Farmers Branch, TX 75381-9010

Re: Water System Interconnection Between Addison and Farmers Branch

Dear Mr. Pavageaux:

This is to describe the interconnection project that we have been working on with you recently. The primary purpose of this project is to allow shut down of the 60" DWU water main that feeds the Farmers Branch Marsh Lane Pumping Station and to therefore furnish a supplementary supply of water from Addison to Farmers Branch. The 60" main needs to be shut down so that a portion of the main can be lowered to accommodate the construction of Arapaho Road, Phase III. The secondary purpose of this project is to make an interconnection between the two systems such that either City can supply water to the other in case of emergency.

Addison intends to take the lead and bear the cost of the interconnection. A tapping sleeve and valve will be installed on the 8" main on Beltwood Parkway in Farmers Branch and a similar connection will be made on the nearby 8" main owned by Addison. We will attempt to install an 8" turbine meter if it is received in time. If it is not received in time, the connection will be made without the meter, and the meter will be installed after the 60" water main lowering project is complete. We have placed a call to TCEQ to advise them of this project.

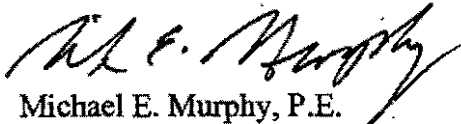
The "capacity" of the connection will be a function of the difference in pressure between the two systems. Recently, pressure in Addison was 80 psi and pressure in Farmers Branch was 49 psi. This indicates a significant amount of water can be supplied from Addison to Farmers Branch. The amount of water that will be supplied is hard to calculate without a detailed hydraulic system analysis. We anticipate about 2 MGD can be supplied, and possibly more.

Construction of the interconnection should be complete Thursday or Friday of this week and we would ask that you begin your evaluation of the connection upon completion. We would like to have your approval to shut down the 60" main by Wednesday, January 19, 2005 at the latest.

Mark Pavageaux, P.E.  
January 11, 2005  
Page 2

We very much appreciate your fine cooperation with us on this project. We will keep you informed of our progress completing the connection. Please call me at 972-450-2871 if you have any questions or require any additional information.

Very truly yours,

A handwritten signature in black ink, appearing to read "M. E. Murphy". The signature is written in a cursive, flowing style.

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

Cc: Chris Terry, Assistant City Manager  
Jim Pierce, P.E., Assistant Public Works Director  
Jerry Davis, Utilities Superintendent  
John Hill, Cowles & Thompson

# Add / FB Interconnect

1-7-05

Mark Pavageaux

Tellum  
works

① Can we shut down 60" on Mon or  
do you require the interconnect to  
be complete No

② Status of interconnect

Legal - 2 on council on 11<sup>th</sup>

Interlocal Drafted to FB today or Mon.

FB Council action?

Civil Expose piping Mon, measure up

Design - plans & specs

Meter - ordered - in vault

Const - contractor

Testing

Contact TCEQ

Marky Fay

972 919-2606

FB Sent an info memo

Jan. 24<sup>th</sup>

FB Needs Wet Tap

8" Interconnection with F.R.

Telcom with

12-29-04

Mark Pavageanu

Roy Smallwood Templeton 5. Valley View Lane  
4 pumps

Elevated Tank fall to 50%

Turn on biggest pump first - started smaller pumps - Running 2 pumps and the elevated tank is rising

Will evaluate opening up hydrants and see if system reacts properly  
Simulate breaks

Risky situation - especially if there is a water break - Fire?



F.B. 8" Interconnect  
Telecom with  
Mark Papageany

12-28-04

Mon AM - Marsh Lane Off

couldn't sustain pressure  
Mon PM Putting Marsh Lane back on  
F.B. was discharged

Tues AM - Started a new test - <sup>Different</sup> valving <sup>setup</sup>  
@ Wicker - DWU showed up  
to work on their rate of flow controller.  
They may be finished this PM & Then  
FB will start a new test.

Mark P. asked about installing the valve on  
the main line. I stated a good idea  
if DWU would meet fast to approval.  
Line would still need to be shut  
down

Mark P. asked about an interconnect between  
our 2 systems. I stated we would be  
interested. Mark will investigate further  
where we have lines close together

Jerry / Mark / 12/22/04  
MO / P / Farmer Branch

8:30 valve off Marsh Lane  
operated off of other pump  
station -

Will operate through the  
night

Not absolutely sure it will work  
Will valve off again Monday

Bring Holy -

66" pipe

Having trouble filling one ground  
storage tank and pumping out of it  
at the same time -

★  
Drive Clean Across Texas  
[www.drivecleanacrosstexas.org](http://www.drivecleanacrosstexas.org)

Sponsoring Agencies:  
Texas Department of Transportation  
Texas Commission on Environmental Quality  
Federal Highway Administration

Supporting Agencies:  
Environmental Protection Agency  
Texas Department of Public Safety  
Texas Department of Health

★  
**Maintain your vehicle.**

**Drive less.**

**Buy a "cleaner" vehicle.**

**Drive the speed limit.**

**Don't idle.**

# HP LaserJet 3200se



HP LASERJET 3200

FEB-1-2005 9:27AM

## Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
534	2/ 1/2005	9:26:50AM	Send	99722667540	0:42	1	OK

```

02/01/2005 09:26 AM                                TOWN OF ADDISON - TOWN HALL  878 488 7843  1/1
TOWN OF ADDISON
P. O. BOX 9023
ADDISON, TX 75010-9010                                8919971
                                                    02/01/05
0005  07/01/05                                8786591
WALSON PILES & PRODUCTS, INC
1333 W MAGNOLIA BLVD
ELMO TEXAS, TX 75040                                TOWN OF ADDISON SERVICE CENTER
1801 WESTGROVE
ADDISON, TX 75010-5190
TEL:972-261-1545                                972-666-2819
JIM PERINE
1  1 EACH BUSINESS TAPPING SHOULDER AND/OR  12950.0000  11510.00
    TAPPING SHANK - 45000 LB. - EMERGENCY
    ACCOUNT DISTRIBUTION:  12950.00
    61-550-58110-81200
2  1 EACH CAMP SHIP STIM, ACRYLIC, MELTING  5000.0000  3600.00
    SERVICE
    ACCOUNT DISTRIBUTION:
    61-600-58110-81300  5000.00
75-9301-855                                SUB-TOTAL  11950.00
                                                    TAX  0.00
                                                    SHIPPING AND HANDLING CHARGE  0.00
AREA : COLLECTIONS AND BILLING PAYMENT  11950.00
    
```

**DWU - Farmers Branch  
16" Water Line Interconnect  
Town of Addison, Texas**

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

Item No.	Item Description	Units	Quantity	Unit Cost	Total Cost
1	Mobilization	LS	1	\$	\$
2	16" Concrete Cylinder Pipe, including appurtenances and necessary excavation and backfill, complete and in place	LF	20	\$	\$
3	Concrete Thrust Blocking	CY	2	\$	\$
4	60" x 16" Saddle & Service (per Hanson)	EA	1	\$9,560.00	\$ 9,560.00
5	18" x 16" Saddle & Service (per Hanson)	EA	1	\$4,390.00	\$ 4,390.00
6	16" Tapping Valve, complete and in place	EA	2	\$	\$
7	10" Reinforced Concrete Paving Remove / Replace, including subgrade preparation and curb and gutter, complete and in place	SY	30	\$	\$
8	Erosion Control	LS	1	\$	\$
9	Traffic Control Plan implementation and maintenance	LS	1	\$	\$
10	Trench Safety Design and Implementation	LS	1	\$	\$
11	Sod	SY	30	\$	\$
<i>Total Bid Alternate No. 1</i>					\$

**Notes:**

- Item Numbers 4 and 5 are fixed costs.

*approved  
2-8-05*

DATE SUBMITTED: February 3, 2005  
FOR COUNCIL MEETING: February 8, 2005

Council Agenda Item # *R10*

**SUMMARY:**

This item is for consideration of a resolution authorizing the City Manager to enter into a contract with Mastec & Hanson Pipe & Products, Inc., in an amount not to exceed \$79,650, for the construction of the Marsh Lane Emergency Water Interconnection.

**FINANCIAL IMPACT:**

Construction Cost: \$79,650

Source of Funds: Funds are available from the FY 2004 General Obligation Bond Program, Project No. 83300.

**BACKGROUND:**

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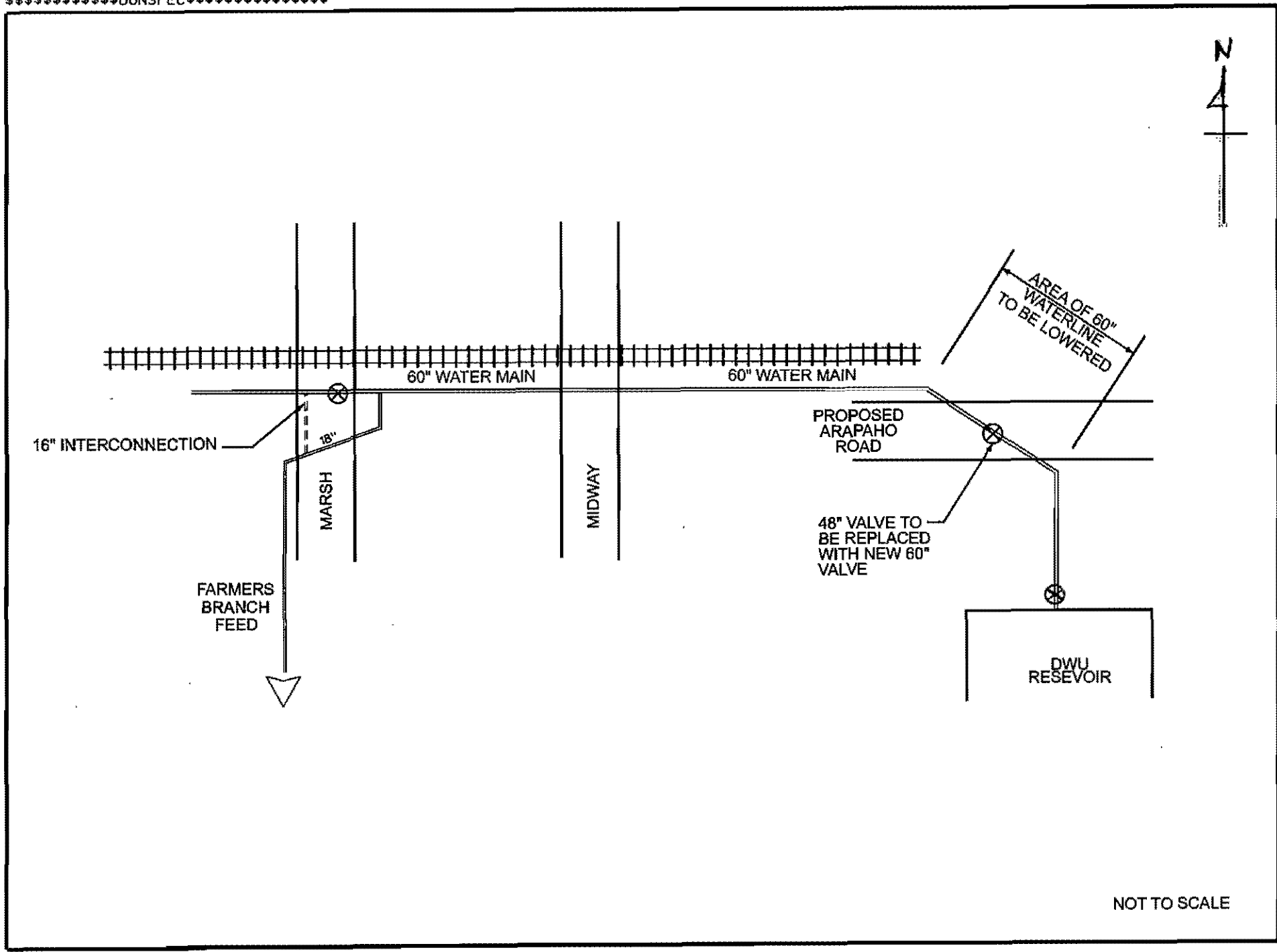
Specific requirements regarding the 16" interconnection are as follows:

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2. The existing Farmers Branch water supply feed must be interconnected to the existing 60" transmission main beyond the point of system shutdown. The location of the interconnection was determined to be in the outer southbound lane of Marsh Lane, and south of the railroad tracks.
3. High pressure "wet" taps on the existing 60" main and the 18" Farmers Branch water supply feed must be made by Hanson Pipe & Products, Inc, which is the only company in this area that has the capability to perform this work.
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**RECOMMENDATION:**

Staff recommends that a resolution be approved that authorizes the City Manager to enter into contracts with Mastec and Hanson Pipe & Products, Inc., in an amount not to exceed \$79,650, for construction of the Marsh Lane Emergency Water Interconnection.



NOT TO SCALE



## Weekly Meeting Agenda

Date: Tuesday Feb. 1, 2005  
Time 10:00 A.M.  
Location: Field Office

Arapaho Road Phase III

### **I. Safety Issues**

1. Keep up maintenance on orange fence.  
A/W has not received a letter on the site fill work over 60" water line.

### **II. Submittals**

1. Bar lock samples were given to Daniel Filer.  
Texas Concrete must sign off on block outs.  
A RFI needs to be generated for Cliff Hall to sign off on.  
A RFI has been sent, Cliff Hall has not signed off on it yet.  
11-30-04  
The RFI was verbally not approved by URS.  
A/W requested a product to use. 11-30.  
We have received a weld detail for the splice on 12-3.  
A/W is reviewing the detail.  
Additional details between A/W and HNTB need to be resolved.  
Cliff Hall will stamp drawing 12-17.  
Received Revised Plan Sheet - Shop Drawing Being Revised  
The documents were received by HNTB on 1-3-05.  
Approved as noted. 1-11-05  
Pricing is pending. 1-18-05.  
Pending 1-25.

2. Open Submittals:  
Hangers  
PMD

### **III. Old Business**

1. The roadway grades at the brickyard will not tie into the Railroad tracks. Jennie is looking into this. 10-26. HNTB needs a RFI from A/W. The grades will be adjusted. 11-2. Andrew and HNTB will review the grades today. 11-2.  
A/W has requested a revised plan sheet for this area. 11-30.  
HNTB is in the process of revising plan sheets.  
Nothing yet. 12-28.

No reply yet 1-04-05.

Nothing yet. 1-11-05.

A/W received the revised plan sheet on 1-20-05 and is reviewing. 1-25-05.

#### **IV. Change Orders**

##### 1. OPEN C.O.'s

A.C.M.P

B. Lowering of 12" water at Surveyor

C. Extra work at Gas line on Line A

##### 2. Ben is reviewing pricing on:

A. Irrigation at Comfort Suites

B. Paint pricing

C. Tee and valve on 16" water line.

#### **V. New Business**

1. After field verifying the elevation of the relocated SBC line, there are several areas where the new line will be in direct conflict with the slotted under drain pipe, the retaining wall, and inlets or laterals. 11-23-04.

Guy asked that Chris go with him to the various locations.

Work needs to proceed on these items.

What is being done about the following phone line conflicts?

# 1. Lat. A-5D

# 2. Lat. A5-C

# 3. 12" slotted drain

# 4. R.W. # 2

HNTB has said that SBC will have labor help at the site during the laying of the CMP to move the line if necessary.

There are defendant conflicts, why can't SBC move the line now?

Any delays to A/W will be tracked on site by HNTB.

2. The location of Lat. B-7 and the Y inlet need to be verified so this work can be completed.

An answer was received by A/W, but a problem still exists

A new plan sheet is forthcoming.

A/W has received an answer. A/W to review. 1-25.

#### **V. Misc.**

1. A RFI has been sent to HNTB about gas, water, sewer and telephone conflicts, with lines A & B, at Surveyor Blvd.

HNTB is reviewing. 1-11-05.

A. It has been stated that the gas line is abandoned.

- A/W request in writing from ATMOS that the gas line at Surveyor is abandoned.
  - B. The water line is to be lowered.
  - C. Cut and cap the abandoned forced main sewer line.
  - D. The SBC lines have been put in conduit and A/W is to go under it with lines A & B.
2. A/W received a letter from HNTB that the 60" DWU water lowering will not take place until A/W is notified to proceed.
  3. HNTB has requested asbuilt elevations on the 10" SS line B at Midway Road.
  4. The secondary service conduit at the storage tank has been repaired per TXU's request. Concrete encasement will take place this week.

## **VI. Schedule**

- 1 Review Weekly Schedule

2/1/2005

**ARAPAHO ROAD**



**SUBS/NOTES**

Activity Description	Prod	Current Week					Next Week					Following Week					SUBS/NOTES			
		M	T	W	T	F	S/S	M	T	W	T	F	S/S	M	T	W		T	F	S/S
		31	1	2	3	4	5	7	8	9	10	11	12	14	15	16		17	18	19
<b>Dirt and Utilities</b>																				
Excavate/Embank Brickyard				X	X	X	/	X	X	X	X	X	/							
Line A & B (Surveyor)		H	N	T	B		H	A	S		P	R	I	C	I	N	G			Existing Utility Conflict
Line A (East Midway)		X	X	X	X	X	X	X	X	X			/							
Line A ( Midway)							/			X			/							
Encase Electrical At Storage Bld.				X			/						/							
10" Sanitary Sewer							/			X			/							
Line A & C Laterals							/						/	X	X	X	X	X		
12" Water Lowering @ Surveyor		P	R	I	C	I	N	G					/							Need pricing Okayed
Fill and Temp W.W. @ Midway				X	X	X	/				X	X	X	X	X	X				
Inlets		X	X	X			/						/							
60" Water Line Lowering							/						/							
Pothole 5" SS @ Rink			X	X			/						/							
Excavate Midway II/ Shotcrete							/	X	X				/							OIDEN/JOHN
Test S.S. Lines A & B							/						/	X	X	X	X	X		
<b>Bridge Work</b>																				
LONE STAR TRENCHING																				
CIP Retaining Wall				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Drilled Shafts							/		X	X			/							
Caps			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Bent # 10 Cap		X	X	X	X	X	X						/							
Bent # 9 Cap		X	X	X	X	X	X	X	X	X	X	X	X							
<b>Miscellaneous</b>																				
Asphalt Midway							/						/							
Asphalt Detour @ Survey		w	a	i	t	i	n	g												Existing Utility Conflict
C.M.P		p	r	i	c	i	n	g												Need pricing Okayed
Switch Midway to Phase II						X	/						/							
Clean 60" RCP @ BY							/						/	X	X	X	X	X	X	

January 31, 2005

Town of Addison - Service Center

	Name	Company	Phone	Email
1	Katura Curry	Grantham & Assoc.	(972) 864-2333	Kacurry@gra-ce.net.
2	Bruce Grantham	"	"	bgrantham@gra-ce.net
3	Cary Walker	City of Farmers Branch	972-919-2612	CARY.WALKER@FARMERSBRANCH.INFO
4	Roy Smallwood	City of Farmers Branch	972-919-2613	rsmallwood@farmersbranch.info
5	Steve Chutchian	TOWN OF ADDISON	972-450-2886	schutchian@ci.addison.tx.us
6	Jerry Davis	Town of Addison	972-661-1693	jdavis@ci.addison.tx.us
7	Cassia Sanchez	Dallas Water Util.	214-671-9559	Casanch@mail.ci.dallas.tx.us
8	JOHNNY PARTAIN	DALLAS WATER UT.	214-670-8796	johnny.portain@dallascityhall.com
9	Lupe Maestas	Dallas Water utilities	214-670-8082 Cell: 817-822-7039	
10	Jim Pierce	Town of Addison	972-450-2879	jpierce@ci.addison.tx.us
11	Guy Van Baulen	HNTB Corporation	972-661-5626	gvanbaulen@hntb.com
12	JERRY NIEWANDER	TOWN OF ADDISON	972-450-2860	JNIEWANDER@CI.ADDISON.TX.US
13	KEN FULGHAM	CITY OF CARROLLTON	972-466-3200	ken.fulgham@cityofcarrollton.com
14				
15				
16				
17				
18				
19				
20				

# HNTB

Mr. Ben Withered  
Project Manager  
Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Re: Lowering of the existing 12" main

January 28, 2005

Dear Ben:

We are in receipt of letter dated January 14, 2005, in which Archer Western Contractors, Ltd. has submitted a breakdown of several Items with their Unit Prices for the above referenced Issue. As discussed verbally with Archer Western Contractors, Ltd. field Personal on January 25<sup>th</sup>, the Town of Addison will go with Option 1 to utilizing the installation of isolation valves to help in the process to minimize the work time for lowering of the water main. But, after review of the unit price of the Isolation Valves, this unit price was found to be an unacceptable price. The Town of Addison request Archer Western Contractors, Ltd. to reassess this item and if possible resubmit a new unit price.

Archer Western Contractors, Ltd. is directed to proceed with this work so not to encounter any delay. Upon the start of this work, if an agreement hasn't been reached, HNTB Corporation as the owner's representative will treat this work as a Force Account Work, Section 109.3.2 of the NCTCOG, 4<sup>th</sup> edition so work may proceed.

In review of the work item of DLB 12" C-909 Pipe: The unit price for this item will be accepted.

For the bid items 4 & 5; "Install 12 in. Caps" and "Tie in after Testing", these two items will be dropped.

Please advise us of any actions you will take.

Thank you,

Guy Van Baulen  
HNTB Corporation

Cc: File  
Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation



January 20, 2005

Michael E. Murphy, P.E.  
Director of Public Works  
P.O. Box 9010  
Addison, Texas 75001-9010

RE: Water System Interconnection Between Addison and Farmers Branch

Dear Mr. Murphy,

As you are aware, construction of the interconnection which connects water systems between Addison and Farmers Branch was completed on Friday January 14, 2005. Testing of the interconnection began at approximately 3:00 p.m. on Friday with the 8" connection being fully opened. This testing showed that Addison could furnish approximately 1,350 gpm to Farmers Branch through the connection and raise our system pressure approximately 4 psi. A 3,000-gpm pump at the Celestial Pump Station was running when these conditions were noted. No pumps were running from the Farmers Branch system and our Elevated Tower was at 21.3 feet of 42.5 feet or approximately 50% full.

At this time, we started Pump #4 "our largest" pump available at our Templeton Trail Pump Station to begin the refill cycle of our Elevated Tower and to maintain system pressure. Other additional pumps were also put on line in conjunction with Pump #4 but system pressure did not increase.

The end result filled our Valley View Elevated tank to 38 of 42.5 feet in approximately 17 hours at 9:11 p.m. Saturday January 15. At 3:00 a.m. Sunday January 16<sup>th</sup>, the elevated tank was full at 42.5 feet, some 23 hours in total since beginning the test. At this rate of fill any main break or system failure would severely affect our ability to supply water to the east side of the City.

At this point the Templeton Station was started again using pump #3, which would replace pump #4, "our largest" in the event it became inoperable. It was determined that even under "Sundays low demand" pump #3 could not hold up the elevated tower.

We continued testing and operating the system with the Addison connection fully open and Templeton Pump Station online until approximately 3:30 p.m. Tuesday January 18<sup>th</sup> at which time we switched back to our Marsh Lane Pump Station.

Prior to stopping the test, Addison and Farmers Branch met at the interconnection site and took pressure readings with two pumps running in Addison, a 3,000 gpm pump and a 7,000 gpm pump.

The pressure on Addison's side of the meter was approximately 69 psi. Pressure did not increase on the Farmers Branch side and the maximum volume passing through the meter was 1,250 gpm, during this test. Basically, no significant change was realized in the Farmers Branch system with the two pumps in operation.

In conclusion, based on the results of testing our water system both with and without the Addison / Farmers Branch interconnection, we simply cannot agree to the shut down of the 60' DWU water main at this time.

Farmers Branch is very interested in continuing to work together with Addison and the City of Dallas to find other possible options that would ensure our systems capability and reliability during the lowering of the DWU 60" water main.

Please contact me at your convenience.

Sincerely,



Mark Pavageaux, P.E.  
Director of Public Works

Cc: Greg Vick, Assistant City Manager  
Richard Cannon, Engineering Specialist  
Roy Smallwood, Superintendent of Utilities



## Weekly Meeting Agenda

Date: Tuesday Jan 18, 2005

Arapaho Road Phase III

Time 10:00 A.M.

Location: Field Office

### I. Safety Issues

- PICKING UP  
EAST - WEST  
BY A/W  
+ WE  
ARE TO  
BE BOUND*
1. Keep up maintenance on orange fence.
  2. Maintain 4" reflectors. Several reflectors have come up.  
BTA is scheduled to come in.
  3. HNTB requests that additional message boards be added to the Midway detour and left up for an undisclosed amount of time after the traffic is routed onto the detour.  
A/W will be compensated for the message boards.  
A/W will write a letter requesting compensation for the message boards.  
A/W picked up four of the five message boards on Monday 12-27-04, per HNTB.  
HNTB requested A/W to set reset the four boards on 1-3-05 for two more weeks.  
Additional striping was added to the Midway detour on 12-28-04.  
When are we to remove the message boards?  
We are to leave in place until told otherwise.

### II. Submittals

1. Bar lock samples were given to Daniel Filer.  
Texas Concrete must sign off on block outs.  
A RFI needs to be generated for Cliff Hall to sign off on.  
A RFI has been sent, Cliff Hall has not signed off on it yet.  
11-30-04  
The RFI was verbally not approved by URS.  
A/W requested a product to use. 11-30.  
We have received a weld detail for the splice on 12-3.  
A/W is reviewing the detail.  
Additional details between A/W and HNTB need to be resolved.  
Cliff Hall will stamp drawing 12-17.  
Received Revised Plan Sheet - Shop Drawing Being Revised  
The documents were received by HNTB on 1-3-05.  
Approved as noted. 1-11-05  
Pricing is pending. 1-18-05.
2. The MSE wall shop drawings have not been returned to A/W.  
A/W should have them by Friday per HNTB.

Have Not received Shop Drawing received Revised Wall Sheet for Wall #3 12-23  
Revised Shop Drawings for Wall #3 will be here 1-5  
HNTB is requesting a running bond pattern.  
Wall #3 is being reviewed.  
Walls 1,2,4,5&6 are approved.

### **III. Old Business**

1. A new Irrigation plan sheet for Comfort Suites is forthcoming.  
A/W received the revised plan sheets on 12-2.  
American Landscaping is pricing.  
HNTB should have this by 12-21.  
HNTB should have pricing from Andrew by 1-7-05.  
**WAITING ON ANDREW.**
  
2. The Town asked about the paint submittal for the arches. Ben explained that system II paint is not tenable. A similar painting system will be submitted.  
A letter from Sherman Williams has been given to the Town. 11-2.  
The Town is leaning toward the Tnemec paint for the arches. 11-30.  
A meeting was held on 12-1 for the rail painting.  
12-7 HNTB said to proceed with the Tnemec paint.  
Ben is reviewing pricing.  
Nothing yet. 1-11-05.
  
3. The roadway grades at the brickyard will not tie into the Railroad tracks. Jennie is looking into this. 10-26. HNTB needs a RFI from A/W. The grades will be adjusted. 11-2. Andrew and HNTB will review the grades today. 11-2.  
A/W has requested a revised plan sheet for this area. 11-30.  
HNTB is in the process of revising plan sheets.  
Nothing yet. 12-28.  
No reply yet 1-04-05.  
Nothing yet. 1-11-05.

### **IV. Change Orders**

1. Irrigation lines at Comfort Suites.  
HNTB should have pricing by 1-7-05.  
**WAITING ON ANDREW.**
  
2. Tee for irrigation line off 16" line.  
HNTB should have pricing by 1-7-05.  
**WAITING ON ANDREW.**
  
3. Lowering of 12" water line at Surveyor.

### **V. New Business**

1. A traffic control plan has been submitted to the Town for detouring Surveyor Blvd. during construction at this location.

The town does not want to salvage any of the plants at the pump station.

Has this TTC been approved?

The TCC has been approved. 1-11-05. Closed.

2. After field verifying the elevation of the relocated SBC line, there are several areas where the new line will be in direct conflict with the slotted under drain pipe, the retaining wall, and inlets or laterals. 11-23-04.

Guy asked that Chris go with him to the various locations.

Work needs to proceed on these items.

What is being done about the following phone line conflicts?

# 1. Lat. A-5D

# 2. Lat. A5-C

# 3. 12" slotted drain

# 4. R.W. # 2

HNTB has said that SBC will have labor help at the site during the laying of the CMP to move the line if necessary.

There are defendant conflicts, why can't SBC move the line now?

Any delays to A/W will be tracked on site by HNTB.

3. The location of Lat. B-7 and the Y inlet need to be verified so this work can be completed.

An answer was received by A/W, but a problem still exists

A new plan sheet is forthcoming.

#### **V. Misc.**

1. A RFI has been sent to HNTB about gas, water, sewer and telephone conflicts, with lines A & B, at Surveyor Blvd.

HNTB is reviewing. 1-11-05.

2. Has the conflict with the gas line at Midway been resolved?

#### **VI. Schedule**

1 Review Weekly Schedule

1/17/2005

**ARAPAHO ROAD**



Activity Description	Prod	Current Week						Next Week						Following Week						SUBS/NOTES	
		M	T	W	T	F	S/S	M	T	W	T	F	S/S	M	T	W	T	F	S/S		
		17	18	19	20	21	22	24	25	26	27	28	29	31	1	2	3	4	5		
<b>Dirt and Utilities</b>																					
Excavate/Embank Brickyard						/	X	X	X	X	X	/	X	X	X	X	X	/			
Line A & B (Surveyor)		H	N	T	B		H	A	S		P	R	I	C	I	N	G		<b>Existing Utility Conflict</b>		
Line A (East Midway)		X	X	X	X	X	/	X	X	X	X	X	/								
Line A ( Midway)				X	X	X	/	X					/							<b>Existing Utility Conflict</b>	
Box Culvert Line B (Tie-In)				X	X	X	/						/							<b>Existing Utility Conflict</b>	
Lower 16" Water Line		X	X	X			/						/							<b>Need Picker PM Tuesday</b>	
10" Sanitary Sewer		X	X	X			/						/								
Line C & Laterals		X	X	X			/	X	X	X	X	X	/								
12" Water Lowering @ Surveyor						X	X	X	X			/							<b>Need pricing Okayed</b>		
Fill and Temp W.W. @ Midway				X	X	X	X	X	X			/									
Inlets		X	X	X	X	X	X					/									
60" Water Line Lowering						/		X	X	X	X	X	X	X	X	X	X				
Pothole 5" SS @ Rink						/						/									
<b>Bridge Work</b>																					
Trenched Ret. Wall						/	X	X	X	X	X	/	X	X	X	X	X	/			
CIP Retaining Wall						/						/	X	X	X	X	X	/			
Drilled Shafts						/		X				/							<b>Need Pad by 24th and Layout</b>		
Caps		X	X	X	P	P	X	X	X	P	P	X	X	X	X	P	P	/			
Bent # 10 Cap		X	X	X	X	X	/	P	P	P		/									
Bent # 9 Cap		X	P	P	X	X	X	X	X	X	X	X	X	X	P		/				
<b>Miscellaneous</b>																					
Asphalt Midway										X											
Asphalt Detour @ Survey		O	N		H	O	L	D		H	N	T	B							<b>Existing Utility Conflict</b>	
C.M.P																					
Switch Midway to Phase II						/					X	/									



Mr. Ben Withered  
Project Manager  
Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Re: 10" Air Release System

January 18, 2005

Dear Ben:

On behalf of the Town of Addison, Archer Western is request of proceed with the construction of the 10" Air Release System that remain to be built on DWU property in timely fashion.

Because the original proposal for the Reference above work was submitted on September 9<sup>th</sup>, 2005 (dated: Sept. 7<sup>th</sup>, 2005), and the cost of material and the estimated time frame may have changed due to site conditions.

The Town of Addison has requested Archer Western Contractors, Ltd. to review their original proposal, along with HNTB review and provide any cost adjustments and provide any time associated with the extra work.

Thank you,

Guy Van Baulen  
HNTB Corporation

Cc: File  
Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation

**Labor**

Date	Labor for 12"DI Piping from valve to future Air Release Manhole	Rate	Time	Cost
4/20/2005	Superintendent	\$ 55.00	3	\$ 165.00
	Fomen	\$ 40.00	5	\$ 200.00
	Pipe Layer (2 Men)	\$ 31.70	10	\$ 317.00
	Operator	\$ 31.15	5	\$ 155.75
	Engineer	\$ 45.00	0	\$ -
4/21/2005	Superintendent	\$ 55.00	2	\$ 110.00
	Formen	\$ 40.00	3	\$ 120.00
	Pipe Layer (2 Men)	\$ 31.70	6	\$ 190.20
	Operator	\$ 31.15	3	\$ 93.45
	Engineer	\$ 45.00	0	\$ -
4/23/2005	Superintendent	\$ 55.00	3	\$ 165.00
	Fomen	\$ 40.00	4	\$ 160.00
	Pipe Layer (2 Men)	\$ 31.70	8	\$ 253.60
	Operator	\$ 31.15	4	\$ 124.60
	Engineer	\$ 45.00	0	\$ -
<b>To Do</b>	<b>Work for Air Release Manhole</b>			
<b>10 Air Release</b>	Superintendent	\$ 55.00	15	\$ 825.00
	Formen	\$ 40.00	30	\$ 1,200.00
	Pipe Layer (2 Men)	\$ 31.70	60	\$ 1,902.00
	Operator	\$ 31.15	30	\$ 934.50
	Engineer	\$ 45.00	0	\$ -
<b>Manhole Complete</b>	Superintendent	\$ 55.00	8	\$ 440.00
	Formen	\$ 40.00	15	\$ 600.00
	Pipe Layer (2 Men)	\$ 31.70	30	\$ 951.00
	Operator	\$ 31.15	15	\$ 467.25
	Engineer	\$ 45.00	0	\$ -
<b>Dirt Work</b>	Superintendent	\$ 55.00	5	\$ 275.00
	Formen	\$ 40.00	10	\$ 400.00
	Laborer (2 men)	\$ 31.70	20	\$ 634.00
	Operator	\$ 31.15	20	\$ 623.00
	Engineer	\$ 45.00	0	\$ -
				\$ -
<b>Subtotal =</b>				<b>\$ 11,306.35</b>
<b>Total Labor Costs Including Labor Burden at 15% =</b>				<b>\$ 1,695.95</b>
				<b>\$ 13,002.30</b>

**Equipment**

Date	Equipment	Rate	Time	Cost
<b>12 DI Pipe System</b>	Cat 430 backhoe	\$ 36.00	12	\$ 432.00
	Ford F-250 Pickup	\$ 9.15	12	\$ 109.80
<b>10 Air Release</b>	Cat 430 backhoe	\$ 36.00	30	\$ 1,080.00
	Ford F-250 Pickup	\$ 9.15	30	\$ 274.50
<b>Manhole Complete</b>	Ford F-250 Pickup	\$ 9.15	15	\$ 137.25

	SS Mesh	\$ 9.06	1	\$ 9.06
	6" Soil Pipe	\$ 8.23	10	\$ 82.30
	Misc Concrete Class A	\$ 62.50	1	\$ 62.50
<b>Precast MH w/ footing</b>				
	Forms	\$ 2.00	51	\$ 102.00
	Concrete Class F - COG	\$ 66.60	4	\$ 266.40
	72" Dia Precast Riser	\$ 176.50	1	\$ 176.50
	Rebar - lbs #4 @12" Both Ways	\$ 0.50	75	\$ 37.50
	Pipe Bedding	\$ 12.50	1	\$ 12.50
	PVC Drain Pipe	\$ 10.00	1	\$ 10.00
	Flowable Fill	Not Req'd		
	72" Dia Precast Riser-VF	\$ 176.50	8	\$ 1,412.00
	72" Precast Slab Top	\$ 576.75	1	\$ 576.75
	40" Ring and Cover	\$ 1,559.54	1	\$ 1,559.54
<b>Dirt Work Around Manhole</b>				
	Borrow Soil - 6 Truck Loads	\$ 8.00	72	\$ 576.00
				Subtotal = \$ 17,748.28
				Total Material Cost at 15% = \$ 2,862.24
				<b>\$ 20,410.52</b>

**Estimated Total Cost = \$ 37,130.43**



January 17, 2005

Mr. Steven Z. Chutchian, PE  
Assistant City Engineer  
16801 Westgrove Drive  
P.O. Box 9010  
Addison, TX 75001-9010

Re: **Arapaho Road Bridge at Midway Road  
Phase II – Construction Services  
Invoice for Professional Services**

Dear Mr. Chutchian:

Enclosed please find our invoice for Professional Services during the construction of the Arapaho Road Bridge at Midway Road for the period from November 26, 2004 to December 31, 2004. Also included is our Progress Report for this period outlining the services provided.

Sincerely,

**URS Corporation**

A handwritten signature in black ink, appearing to read "Cliff R. Hall".

Cliff R. Hall, PE  
Project Manager

Enclosure

URS Corporation  
Graystone Center  
3010 LBJ Freeway, Suite 1300  
Dallas, TX 75234  
Tel: 972.406.6950  
Fax: 972.406.6951



# Monthly Progress Report

## Construction Services for the Arapaho Road Bridge Over Midway Road

URS Project No. 25334402

Period: From November 26, 2004 to December 31, 2004

---

### 1. General Accomplishments

1.1 Responded to questions from HNTB and RFI's from contractor.

### 2. Progress This Period

2.1 Responded to RFI Nos. 38

2.2 Responded to questions from HNTB regarding the U-beam connection detail in Span 9.

2.3 Redesigned the U-beam connection detail in Span 9. This was a design change requested by HNTB & the contractor

2.4 Revised and submitted drawings to incorporate the new U-beam connection detail.

2.5 Responded to questions regarding hanger lengths and shop drawings for hangers.

### 3. Anticipated Next Period

3.1 Respond to RFIs

3.2 Respond to HNTB questions.

### 4. Schedule Status

4.1 All outstanding questions have been responded to.

### 5. Issues / Impacts

5.1 None.

# HNTB

Mr. Ben Withered  
Project Manager  
Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Re: 20 ft Street Light Poles Bases

January 17, 2005

Dear Ben:

A concern has arisen during the review of the proposal that was received on January 9<sup>th</sup>, for the above reference subject.

Within the proposal for the six (6) new street pole bases, the statement indicates that the Lump Sum for these poles includes the cost to furnish and install. The problem with this statement is that the cost to install the poles is already compensated for within the contract bid item.

Archer Western Contractors, Ltd. is review this and credit the value for installation of the six street light poles to reflex the cost for only furnishing the bottom section of the entire street setup which is only a 16 ft base section.

Thank you,



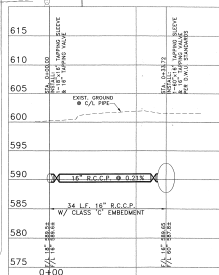
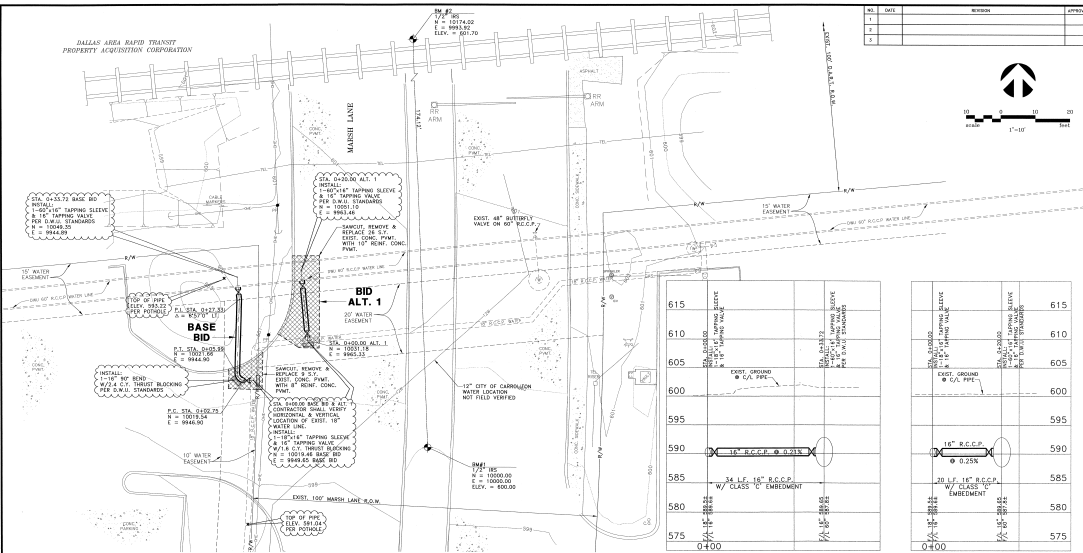
Guy Van Baulen  
HNTB Corporation

Cc: File

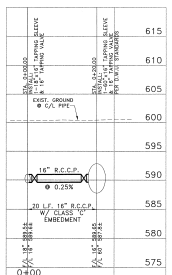
Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation

DALLAS AREA RAPID TRANSIT  
PROPERTY ACQUISITION CORPORATION

NO.	DATE	REVISION	APP'D.
1			
2			
3			



**BASE BID**



**BID ALT. 1**

- GENERAL NOTES:**
- The drawing modifications bear jurisdiction on this project.
  - Top of Addition - jurisdiction begins at the back of each side of Marsh and extends west. City of Addison - jurisdiction begins at the back of each side of Marsh and extends west. Dallas Water Utilities - Owner and operator of the 60" and 18" water lines.
  - All construction to be in accordance with the standards and specifications set forth in Dallas Water Utilities, the Town of Addison, and MDCDD. In the event of a conflict, MDCDD standards shall govern regarding the respective construction and lines of addition that govern regarding the government construction.
  - This work to be performed in accordance with the Arapaho Road Phase 2 project for the Town of Addison, however, all work shall adhere to the contract documents for the above mentioned project. These are available from the Town of Addison or the engineer.
  - This project is an independent control system. The benchmarks provided on this sheet are not tied to any city control system.
  - The Contractor shall be solely responsible for providing safety during construction.
  - These plans do not extend to or include design of systems pertaining to the safety of the construction contractor or its employees, agent or representatives in performance of the work. The construction contractor shall prepare to install the appropriate safety systems, including but not limited to trench shoring, including the plans and specifications.
  - The Contractor shall cut 1-800-800-1330 48 hours prior to excavation. The underground utility location stakes on these plans are approximate only.
  - Contractor shall prepare and implement an erosion control plan.

- WATER LINE CONSTRUCTION NOTES:**
- Not to be performed by Marsh Pipe or approved.
  - Where Pipe is approved must shall secure the tapping elbow assembly and tapping sleeves. The contractor shall verify the tapping sleeve and tapping sleeves, tapping hole and support for the tap in the per section Plan or approved special specifications.
  - The Contractor shall verify the horizontal/vertical location of the 18" water line.
  - All ends, bells, holes, and tapping locations shall be first blocked per DWG standards.
  - Testing and observation of the new water line is required.
  - Contractor shall submit a construction, testing, and observation plan to the engineer and for approval prior to construction.

**PAVING & GRADING NOTES:**

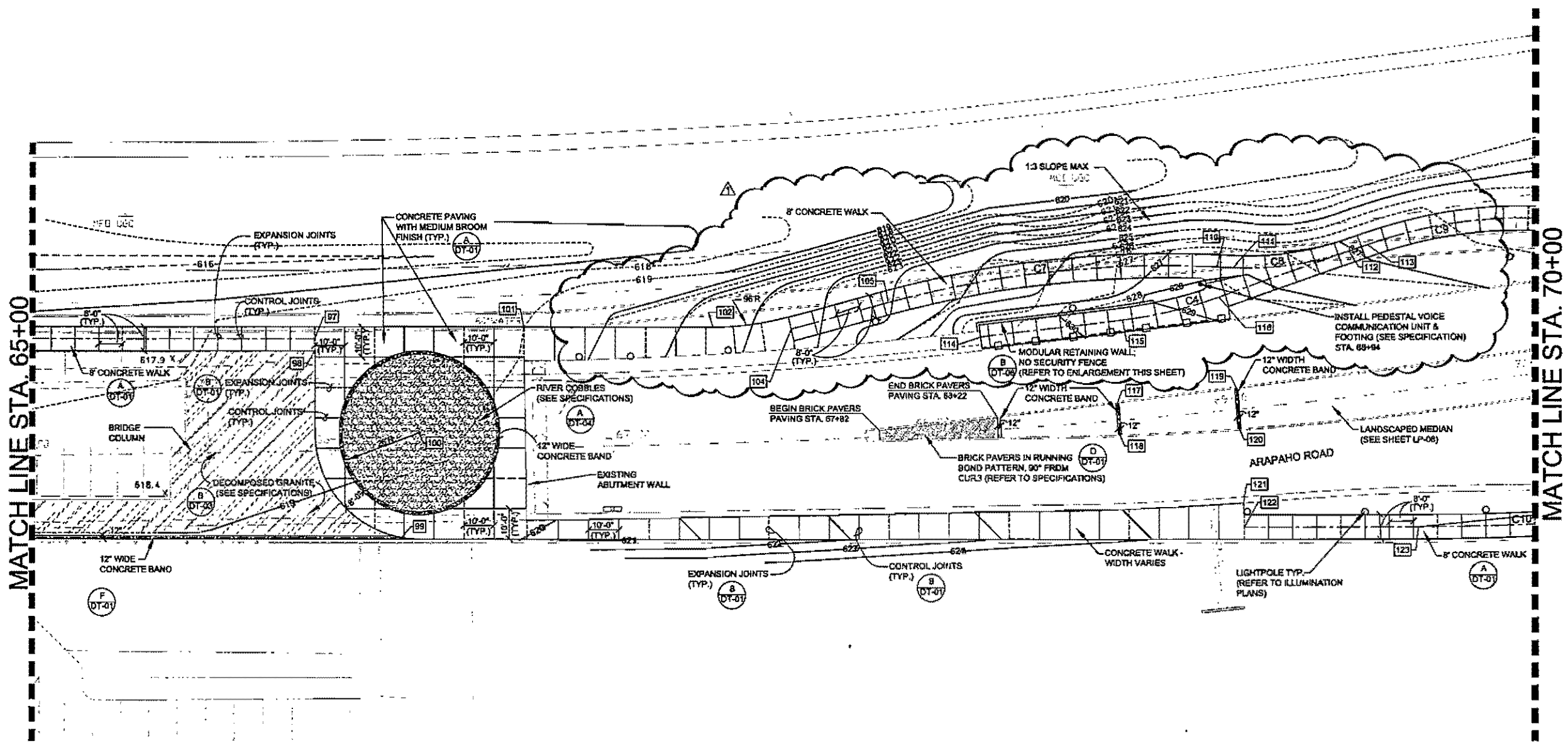
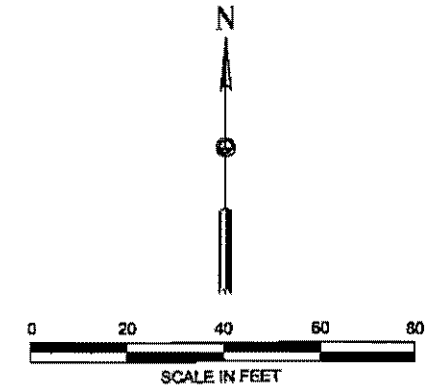
All work shall be performed in accordance with the contract documents and specifications.

**CONSTRUCTION SCHEDULE:**

Construction of all aspects of the project must be completed by March 1, 2009.

- TRAFFIC CONTROL NOTES:**
- Base Bid and Bid Alternative Number 1 - City traffic detour of Marsh Lane traffic. Alternate traffic detours will require a traffic control plan prepared by an engineer licensed in the State of Texas and approved by the Town of Addison.
  - The Contractor shall be responsible for public safety during construction and will provide the necessary traffic barricades and warning signage to protect the construction site, all contractors, existing traffic, utility workers, law enforcement and protection of utility and water lines. The contractor shall have special permits from the Dallas Traffic Control Services as currently mandated by the Texas Department of Transportation.

DATE: JANUARY 2009	SCALE: 1"=10'(HORIZONTAL) 1"=4'(V)	JOB NO.:	02-230
DRAWN: GAA	DESIGN: AKC	REVIEWED: BRG	DWG: 320WATER01
<b>ARAPAHO ROAD PHASE III</b>			
D.W.U./ FARMERS BRANCH			
<b>MARSH LANE 18" WATER BRANCH INTERCONNECT</b>			
<b>TOWN OF ADDISON</b>			
		Grantham & Associates, Inc. 3014 ARAPAHO ROAD, SUITE 100 A, B DALLAS, TEXAS 75249 (972) 996-5200 FAX (972) 996-5200 FAX	
THE DRAWING REPRESENTS WORK PROVIDED BY THE ENGINEER TO THE CLIENT FOR THE PROJECT DESCRIBED HEREIN. IT IS NOT TO BE USED FOR CONSTRUCTION OF OTHER PROJECTS WITHOUT THE WRITTEN CONSENT OF G&A.		<b>SHT. 1</b> OF 1	



- GENERAL NOTES:**
- 1.) WRITTEN DIMENSIONS AND COORDINATE DATA SHALL GOVERN OVER SCALED DIMENSIONS.
  - 2.) SEE THE SURVEY CONTROL PLAN SHEETS WITHIN THIS SET FOR COORDINATE CONTROL POINT INFORMATION.
  - 3.) ALL IMPROVEMENTS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT AND OWNERS REP. PRIOR TO CONSTRUCTION OR INSTALLATION.
  - 4.) THE CONTRACTOR SHALL VERIFY ALL EASEMENT LINES IN THE FIELD PRIOR TO BEGINNING WORK.
  - 5.) CONTRACTOR SHALL VERIFY ALL UTILITIES SHOWN ON THESE PLANS AS WELL AS ANY OTHERS IN FIELD PRIOR TO START OF CONSTRUCTION.
  - 6.) ALL CONSTRUCTION WILL CONFORM TO THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS, AS WELL AS, ANY GOVERNING TxDOT OR RAILROAD STANDARDS AND SPECIFICATIONS RELATED TO THIS PROJECT.
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  - 12.) GRADING FOR THE IMPROVEMENTS SHALL OCCUR AS DIRECTED BY LANDSCAPE ARCHITECT WITH THE FOLLOWING GUIDELINES:
    - ALL WALKS SHALL HAVE A CROSS SLOPE OF 2% IN THE DIRECTION OF THE DOWNHILL SIDE.
    - THE LONGITUDINAL SLOPE OF THE WALKS SHALL NOT EXCEED 5%.
  - 13.) NO EARTHEN SLOPES SHALL BE GREATER THAN 3:1.

MATCH LINE STA. 65+00

MATCH LINE STA. 70+00

**LAYOUT COORDINATE TABLE**

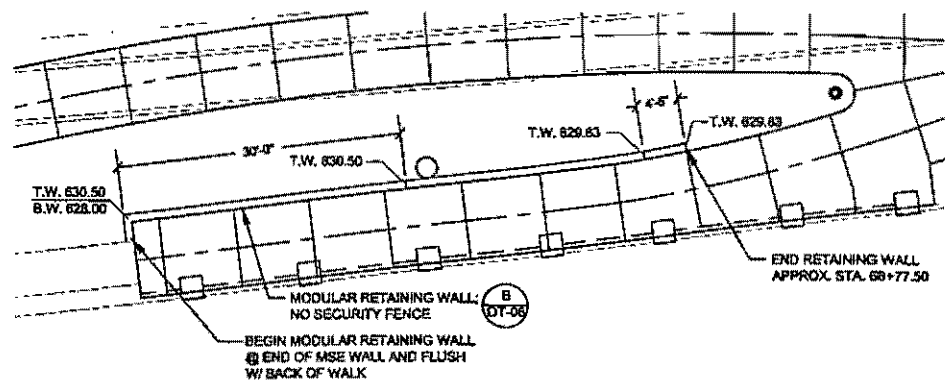
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98	N 10150.00 E 9801.44	103	NOT USED	108	NOT USED	113	N 10185.39 E 10151.87	118	N 10122.41 E 10069.49	123	N 10092.00 E 10166.72
99	N 10068.50 E 9830.60	104	N 10157.48 E 9960.06	109	NOT USED	114	N 10154.84 E 10023.24	119	N 10137.81 E 10108.48		
100	N 10123.00 E 9836.51	105	N 10156.283 E 9992.57	110	N 10177.897 E 10102.03	115	N 10180.48 E 10070.41	120	N 10124.44 E 10109.57		
101	N 10158.00 E 9871.51	106	NOT USED	111	N 10177.71 E 10107.48	116	N 10187.98 E 10102.67	121	N 10098.97 E 10110.81		

**CONCRETE WALK CENTERLINE CURVE DATA**

CURVE	DELTA	RADIUS	ARC	TANGENT	BEARING	CHORD
C4	12°40'49"	150.00'	33.20'	18.67'	S 78°51'47" W	33.13'
C7	18°54'7"	350.00'	110.54'	55.74'	S 74°50'48" W	110.09'
C8	22°25'11"	100.00'	39.13'	19.82'	S 81°43'57" W	38.88'
C9	21°42'10"	150.00'	56.82'	28.75'	S 81°22'27" W	56.48'
C10	10°56'07"	1000.00'	190.86'	95.72'	N 84°31'57" E	190.57'

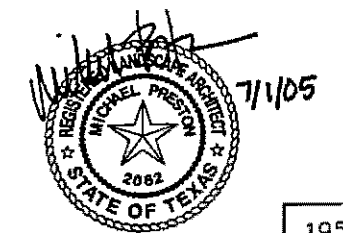
**LEGEND:**

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- BRICK PAVING (SEE SPECIFICATIONS)
- RIVER COBBLES (SEE SPECIFICATIONS)
- EXPANSION JOINTS
- CONTROL JOINTS
- EXISTING CONTOURS
- PROPOSED CONTOURS



**RETAINING WALL LAYOUT - ENLARGEMENT**

SCALE 1"=10'-0"



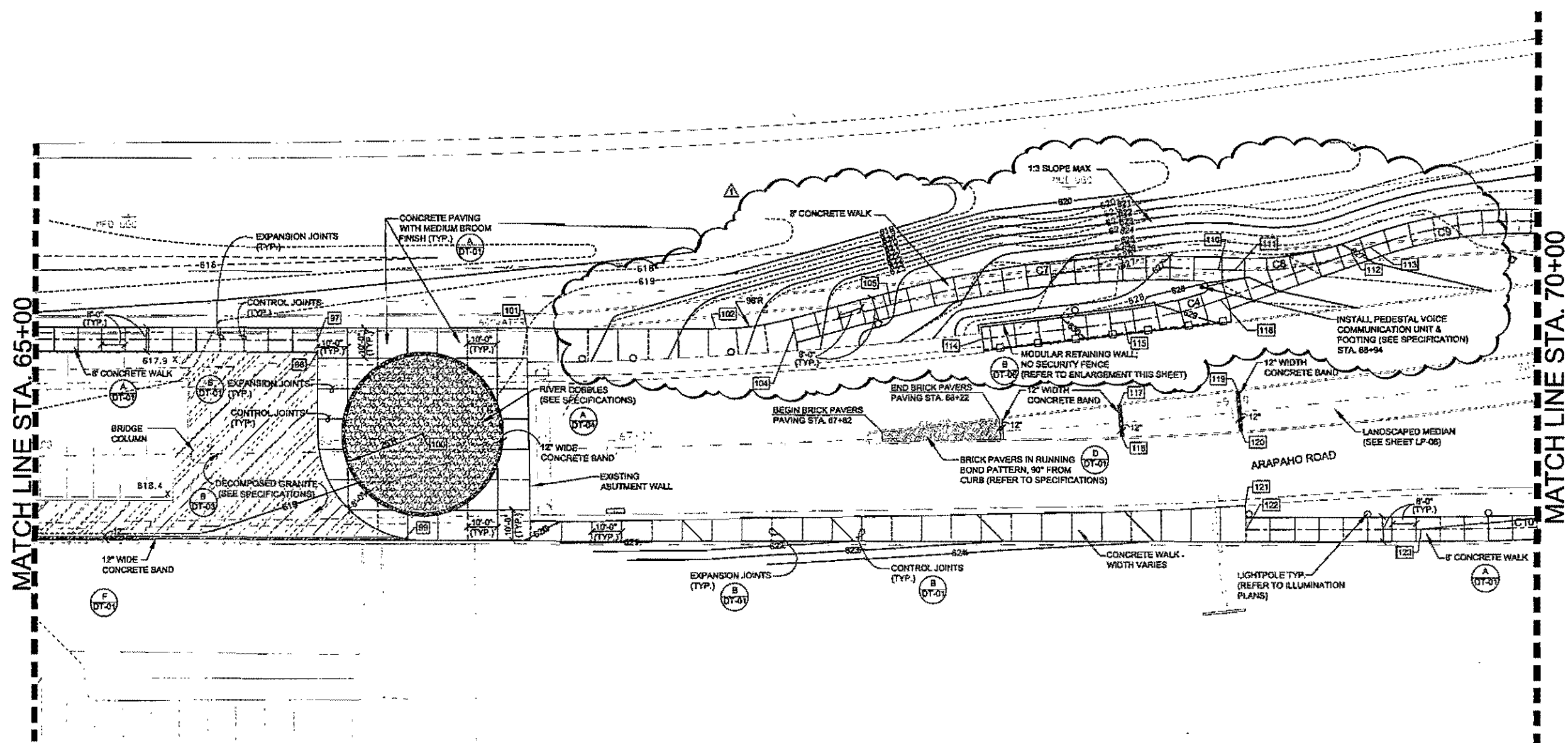
195

NO.	DATE	REVISION	APPROV.
1	8/28/05	REVISED CONCRETE WALK LAYOUT & GRADING	
1	8/28/05	NEW MODULAR RETAINING WALL	

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
The HNTB Companies

**ARAPAHO ROAD EXTENSION**  
SURVEYOR BOULEVARD TO ADDISON ROAD  
STA 65+00 TO 70+00  
SITEWORK LAYOUT & DIMENSIONING PLAN  
TOWN OF ADDISON, TEXAS

Design	DAS	Drawn	DAS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check	MP	Check	MP	2/4/05	VARIABLES	25768	LA-08



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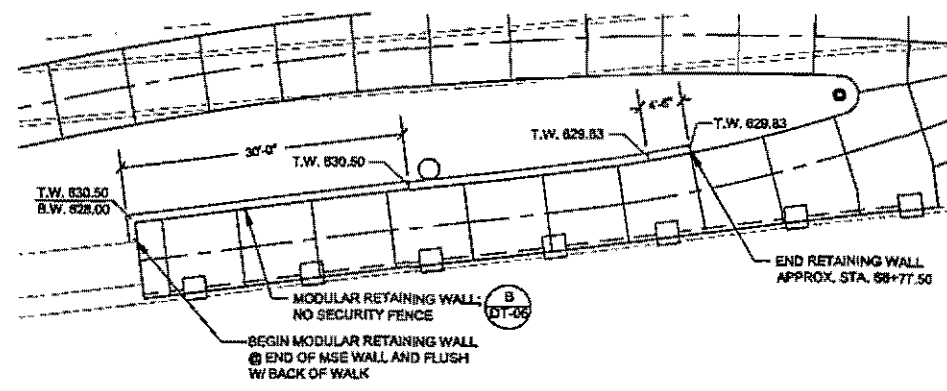
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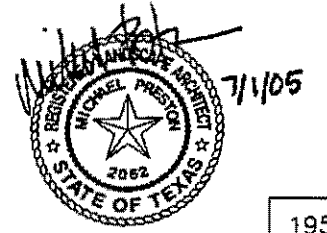
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RETAINING WALL LAYOUT - ENLARGEMENT

SCALE 1"=10'-0"



NO.		DATE	REVISION	APPROV.
1	6/28/05		REVISED CONCRETE WALK LAYOUT & GRADING	
1	6/28/05		NEW MODULAR RETAINING WALL	

195

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
The HNTB Companies

**ARAPAHO ROAD EXTENSION**  
SURVEYOR BOULEVARD TO ADDISON ROAD

STA 65+00 TO 70+00  
SITEWORK LAYOUT & DIMENSIONING  
PLAN

TOWN OF ADDISON, TEXAS

Design	DAB	Drawn	DAB	DATE	SCALE	PROJECT NO.	SHEET NO.
Check	MP	Check	MP	2/4/05	VAREX	23768	LA-08

ADDISON / DWU MTG  
 JANUARY 21, 2005

<u>NAME</u>	<u>COMPANY</u>	<u>PHONE</u>
Scott Forbes	HNTB	972-661-5626
Guy Van Baulen	HNTB	214-317-8274
Cary Walker	City of Farmers Branch	972-919-2612
Roy Smallwood	City of FB	972-919-2613
Lupe Maestas	Dallas Water Utilities	214 670 8082 Cell 817 822 7059
Randy Patton	DWU	214-670-8007
David Robinson	DWU	670 8061
Tonia R. Barrix	DWU	214 670 5886
Cassia Sanchez	DWU	214-671-9559
Steve Chatchian	TOWN OF ADDISON	972-450-2886
Jerry Davis	TOA	972-661-1693
Jim Pierce	TOA	972-450-2879
Johnny H. Holey	DWU	<del>972-953</del> 214 841 9524
Dave Wilde	TOA	972 450 -2847

<b>Project:</b>	Arapaho Road – Phase III
<b>Client:</b>	Town of Addison, Texas
<b>Report No.:</b>	6
<b>Time Period:</b>	1/15/05 through 1/21/05
<b>Prepared By:</b>	GVB

**Work Started or Progressed**

- Maintain Traffic Shift @ Midway Rd. – Three to Two Lanes – Phase I
- 10" Sanitary Sewer to complete tie-in and service connection
- Continue installation of Storm Sewer Box Culverts Line A & B
- Continue installation of Storm Sewer Line C and Lateral to inlets
- Continue installation inlet on Lateral along Line A, B & C Storm Sewer
- Building Formwork for Concrete placement for the Bridge Caps 6 & 7.
- Building and setting reinforcement steel for Bent 6, 7 & 10 Beam Cap.
- Excavation of Roadway and Site at Brickyard

**Work Completed**

- Storm Sewer Box Culvert Line A: Sta 33+0 to 34+48, East of Midway Rd.
- 10" Sanitary Sewer installed Station 12+50 to 14+50, East of Midway Rd
- Bridge Substructures Bents 9: Incline legs for both North & Side structures

**Work Scheduled to be Performed During Next Week**

- **Utility Crossing of Storm Sewer Box Culvert Line A & B and 10" Sanitary Sewer at Midway Rd.**
- **Bridge Caps – Bent 10 Concrete placement**
- **Bridge Caps – Bents 6 & 7 Concrete placement**
- **Shift Midway Lane Traffic to Phase II**
- **Brickyard site work**





**RECEIVED**  
 JAN 14 2005  
 HNTB CORPORATION  
 DALLAS, TEXAS

January 14, 2005

Letter: HNTB -28

HNTB  
 5910 W Plano Parkway  
 Suite 200  
 Plano, Texas 75093  
 Attn: Mr. Guy Van-Baulen

RE: Town of Addison  
 Arapaho Road Phase III  
 Project No. 04-22  
 PCO #28 - 12" Waterline Relocation at Surveyor

Dear Guy:

Archer Western is submitting the following prices for the Relocation of the 12" waterline. We have included an option to install isolation gate valves or cap end and tie in later.

Item No.	New Bid Item	Qty	Unit	Unit Price	Total
1	Install Isolation Valve	2	EA	\$ 2,861.53	\$ 5,723.07
2	Relocate Building Service	1	LS	\$ 1,485.02 ✓	\$ 1,485.02
✓ 3	DLB 12" C-909 Pipe	70	LF	\$ 162.07	\$ 11,344.96
4	Install 12" Caps	4	EA	\$ 782.68	\$ 3,130.74
5	Tie in after Testing	2	EA	\$ 1,690.88	\$ 3,381.76
6	Remove and Replace Concrete	6	SY	\$ 146.23	\$ 877.40

1570

28c

The prices include 15% OH&P and 2% Insurance & Bonds.

We have included pricing for 2 tie-in options.

Option 1 is installing 12" gate valves to isolate the line. (bid Item 1)  
 Option 2 is installing caps on the new and existing pipe, then connecting the pipe together after testing (bid Item 4 & 5)

Please direct which Option we are to use

If you require additional information, please

Sincerely,

Andrew Schneemann  
 Asst. Project Manager

Enclosure

XC: Ben Withered  
 Don Good  
 File



## Davis Excavation, Inc.

• P.O. Box 1169 • Van Alstyne, Texas 75495 • (214) 733-8042 • (214) 733-8043 Fax

DATE: 12-Jan-05

TO: Town Of Addison  
P.O. Box 9010  
Addison, TX 75001

Attn: Mr. Jerry Davis

Project: 15001 E. Beltwood Parkway - Water Vault for Addison / Framers Branch Connection

Subject: Letter of Authorization

Dear Mr. Davis:

Thank you for notifying us of our opportunity to perform the installation of vault and connections of Town Of Addison and City Of Farmers Branch water systems on this Project for the price of \$12,823.06. Davis plans for our work to take place from 13-Jan-05 to 13-Jan-05.

In the absence of a formal contract, we must have written authorization to work. Therefore, please sign this document authorizing us to begin work as planned. I realize that this Letter of Authorization may be changed or replaced by a formal contract or Purchase Order at a later date.

Sincerely,

Davis Excavation



Mark Brandenburg  
E.V.P.

I hereby authorize Davis Excavation to work on this Project.

BY: Jefreia Asst. Public Works Director

DATE: 1-12-05

P.O. Box 1169  
Van Alstyne, TX 75495  
(214)733-8042 ofc.  
(214)733-8043 fax  
[info@davisexcavation.com](mailto:info@davisexcavation.com)



# Fax

*Jim Pierce*

To:	Mr. Jerry Davis	From:	Mark Brandenburg
Fax:	972-716-0834 972 450 2837	Pages:	3 inc. cover
Phone:		Date:	12-Jan-05
Re:	Quote - Water Vault / 15001 E. Beltwood GCx		

Urgent      For Review      Please Comment      Please Reply      Please Recycle

• Comments:

Mr. Davis,

Thank you for giving us the opportunity to work for the Town Of Addison once again. Attached for your review is our quote for the vault installation and water line connections at 15001 E. Beltwood. If this is acceptable please sign and fax back our Letter of Authorization and mail us the original. Once the Faxed copy is received we plan to schedule and perform the work tomorrow, 13-Jan-04. Please give us a call if you have any comments or questions concerning our quote.

Thanks,

Mark

January 12, 2005

Town Of Addison  
ATTN: Jerry Davis  
P.O. Box 9010  
5350 Beltline Road  
Addison, Texas 75001  
Office Phone: 972-450-7051  
Office Fax: 972-450-7065

**Proposal For New Waterline Vault Connection For The Town of Addison & Farmers Branch in Addison:**

Item #	Description	Qty	Unit	Unit Price	Total
<b>Water</b>					
1	Mobilization	1	EA	\$1,500.00	\$1,500.00
2	8" Water Meter Vault Assembly	1	EA	\$5,200.00	\$5,200.00
3	Tapping Sleeve	1	EA	\$765.81	\$765.81
4	Pipe & Material	1	LS	\$2,107.25	\$2,107.25
5	Trucking / Haul Off	1	LS	\$450.00	\$450.00
6	Labor/Equipment (8 hrs @ \$350.00/hr minimum)	8	HRS	\$350.00	\$2,800.00

**Total: \$12,823.06**

**NOTES:**

- 1.) Davis Excavation has estimated 8 hours labor / equipment crew time to complete this scope of work. If site conditions or other project issues cause Davis to exceed this minimum, Davis will bill the overage at a rate of \$350.00 / hr.
- 2.) Davis will send an invoice upon completion of this work.

# HP LaserJet 3200se



HP LASERJET 3200

JAN-12-2005 2:29PM

## Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
310	1/12/2005	2:28:30PM	Send	92147338043	0:56	2	OK

TOWN OF  
**ADDISON**

**PUBLIC WORKS**

To: Mark Brandon burs

From: Jim Pierce, P.E.

Company: Davis Excavation

Asst. Public Wks. Dir.

Phone: 972/450-2879

FAX #: 214-753-8043

FAX: 972/450-2837

jpierce@ci.addison.tx.us

Date: 1-12-05

16801 Westgrove

P.O.Box 9010

# of pages (including cover): 2

Addison, TX 75001-9010

Re: Addison/Farmas Branch Water System Interconnection

Original in mail     Per your request     FYI     Call me

Comments: Letter of authorization attached

Thank you for your prompt attention  
to this matter

*Jim Pierce*

TO: Steve

FROM: Jerry Davis

CO: TOA

CO: Town of Addison

FAX #: 972 450-2837

PHONE: 972-661-1693

DATE: 1-12-05

FAX: 972-716-0834

PAGES: \_\_\_\_\_

COMMENTS Include the Plate strainer  
after the meter to the south, connects  
to the meter. 8 Bolt Flange

# Hersey-Meters



Horizontal Turbine Meters  
 Sizes 3", 4", 6", 8", 10"

## Features

**APPLICATIONS:** For use in the measurement of potable water for applications where flow is consistently moderate to high. Designed for applications where accuracy is an essential part of maintaining revenue. The Horizon horizontal turbine meter is built to maintain accuracy over extended periods of use.

**CONFORMANCE TO STANDARDS:** Horizon turbine meters have some of the widest flow ranges of any turbine meters on the market. All Horizon series turbine meters meet or exceed the latest performance and accuracy standards of AWWA C701. Maximum continuous flow rates may be exceeded by as much as 25% for intermittent periods.

**CONSTRUCTION:** The Horizon consists of three basic parts; maincase; measuring insert; and register. Maincases are made of bronze. Measuring elements are thermoplastic with unique inlet and outlet straightening vanes.

To simplify maintenance, the Horizon is designed to allow quick, easy, in-line exchange of the measuring element without removing the maincase from the installation. Interchangeability of many parts within various sizes minimizes spare parts inventory. Built-in test ports are standard for ease of field testing.

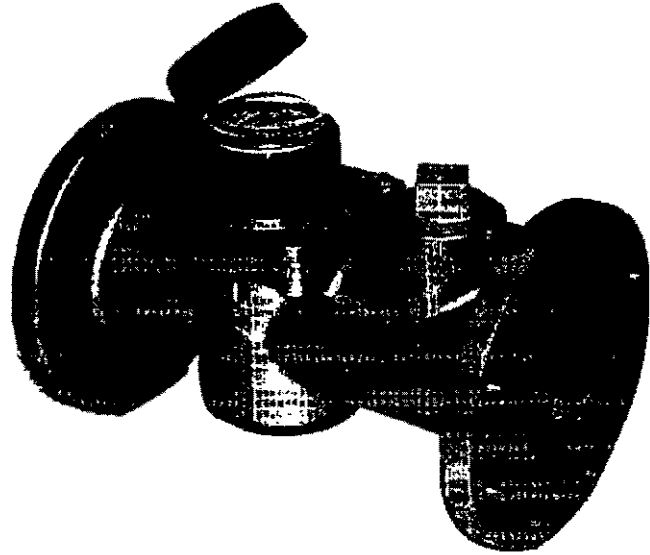
**REGISTER:** Permanently sealed register has a unique seal and heat-treated glass to eliminate dirt, moisture infiltration and lens fogging. An integral tamper-proof locking feature is provided to resist tampering with the register or calibration vane. The totalizing register has a straight-reading odometer type display, a 360° test circle with center sweep hand and a low flow (leak) detector. Standard gearing is used, making registers interchangeable by size.

All Hersey Meter Models have electronic meter reading systems available for increased reading efficiency (see Meter Reading Systems.)

**OPERATION:** Water flows straight through the measuring element where it turns a rotor at a rate in direct proportion to the quantity of water flowing through the meter. The straight-through design allows high volumes to flow with a minimum of head loss. Retro Thrust® design extends the life of the meter by dividing wear between two points: during low flow the tungsten carbide bearing in the rotor floats against a stainless steel shaft; during high flow a second tungsten carbide bearing gently moves back against another stainless steel shaft. During medium flow, the rotor floats between both tungsten carbide bearings with sapphire bushings providing radial support for the rotor.

**STRAINER:** A separate optional strainer is recommended to protect the measuring element.

**CONNECTIONS:** ANSI Class 150 Flanges on 3" through 10" sizes; 2" NPT pipe threads on test outlet.



Horizon

## Materials and Specifications

- **MODEL DESIGNATION** ..... HORIZON
- **SIZES** ..... 3", 4", 6", 8", 10"
- **STANDARDS** ..... Manufactured and tested to meet or exceed all applicable parts of ANSI/AWWA C701 class II Standard.
- **SERVICE** ..... Cold water measurement with flow in one direction.
- **OPERATING FLOW RANGE** ..... See Chart on page 4.4.
- **ACCURACY** ..... See Chart on page 4.4
- **PRESSURE LOSS** ..... See Charts on pages 4.4 and 4.5.
- **MAXIMUM WORKING PRESSURE** ..... 175 PSI
- **TEMPERATURE RANGE** ..... 33F to 100F
- **MEASURING ELEMENT** ..... Stainless Steel and Thermoplastic
- **REGISTER TYPE** ..... Straight reading, permanently sealed, magnetic drive with low flow indicator. Remote Readings units optional.
- **MATERIALS** ..... Maincase - bronze UNSC84400; Casing bolts - Stainless steel ANSI B18; Rotor - Thermoplastic; Rotor radial bearing - Sapphire; Rotor thrust bearings - tungsten carbide; Rotor bearing pivots - Stainless steel ANSI B18; Magnet - rare earth/ceramic; Register box and lid - Thermoplastic or optional bronze.
- **INSTALLATION** ..... Horizontal
- **METER CONNECTIONS** ..... 3" - 10" ANSI Class 150

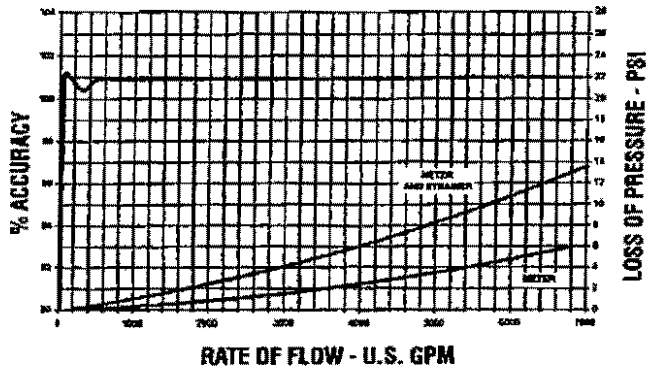
**Hersey Meters**



Horizontal Turbine Meters  
 Sizes 3", 4", 6", 8", 10"

**Performance\***

**10" HORIZON**

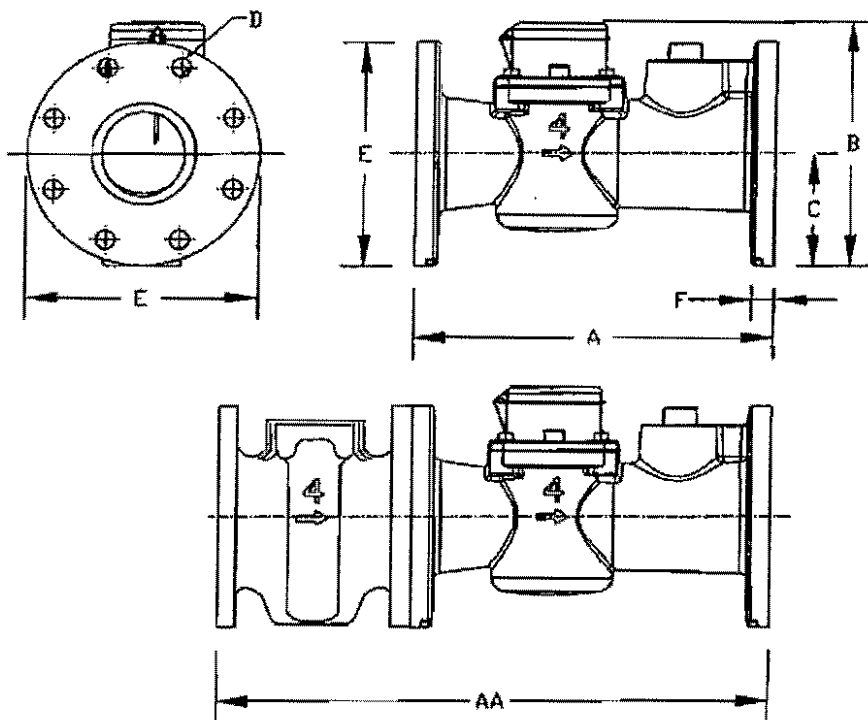


**Dimensions & Weights**

Meter Size	3"	4"	6"	8"	10"
Dimension					
A	12"	14"	18"	20"	24"
AA	18"	21-1/2"	27"	30"	36"
B	10"	10-3/4"	13-1/2"	15-1/2"	18"
C	3-3/4"	4-1/2"	5-1/2"	6-3/4"	8"
D	3/4"	3/4"	7/8"	7/8"	1"
E	7-1/2"	9"	11"	13-1/2"	16"
F	3/4"	7/8"	7/8"	1-1/8"	1-3/16"
Net weight	38	50	100	130	210

**Horizon**

Note: Length AA is with standard strainer. Weights are in pounds and are approximate.



# Hersey Meters

# Plate Strainer

Plate Strainer

For Water Meters  
 Sizes 2", 3", 4", 6", 8" and 10"

## Features

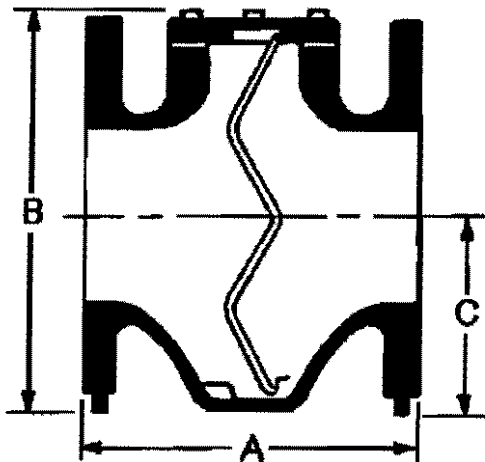
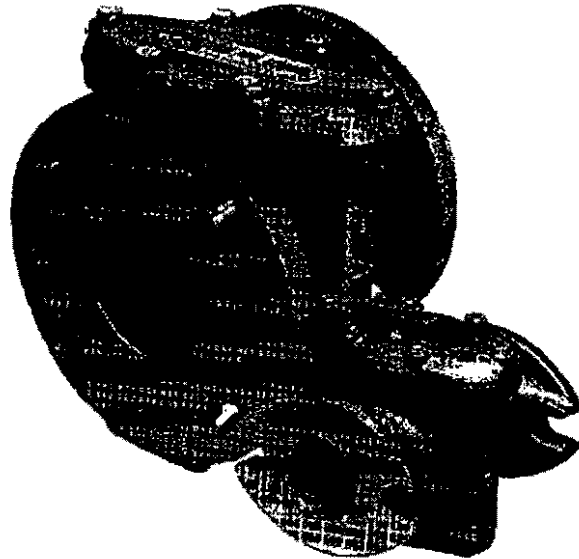
**APPLICATIONS:** Designed for installation with water meters to help protect against damage caused by debris in the pipeline, and to reduce turbulence and distortions.

**CONSTRUCTION:** Durable bronze for 2"-6" sizes; epoxy cast iron for 8" and 10" sizes.

**OPERATION:** Installed upstream of the meter. Optional drain plugs for periodic flushing. Stainless steel strainer has an area of two times nominal inlet opening for minimal flow restriction.

**MAINTENANCE:** Easy access and in-line service of strainer element.

**CONNECTIONS:** End flanges for 2" through 6" sizes are ANSI class 150 standard and for 8" and 10" sizes are ANSI class 125 standard.



## Materials and Specifications

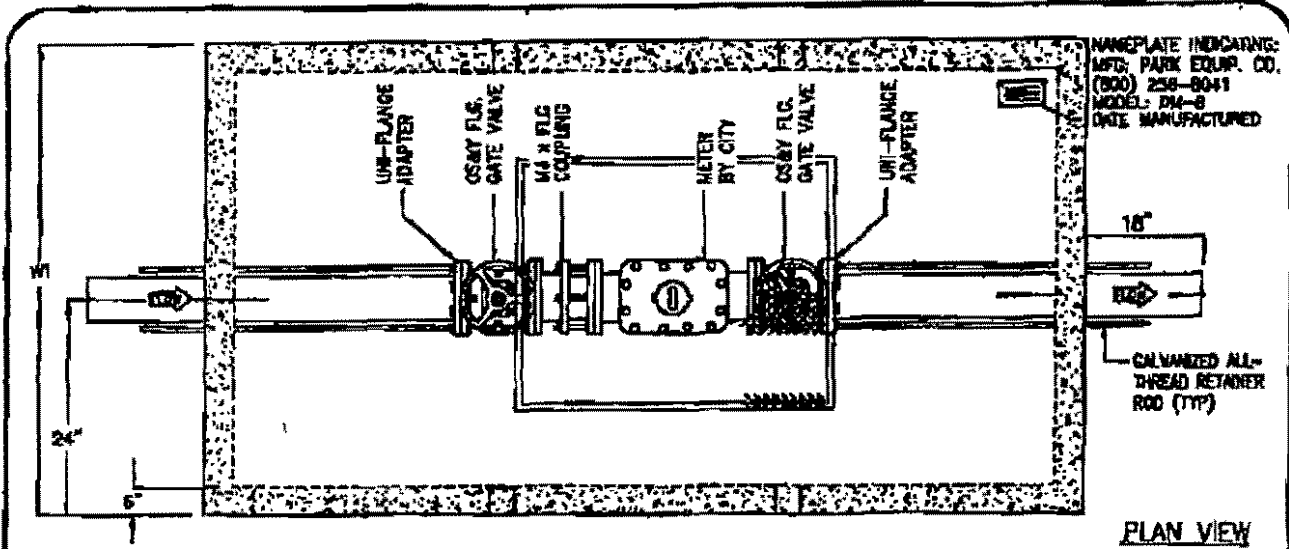
- SIZES ..... 2", 3", 4", 6", 8", 10"
- MAXIMUM WORKING PRESSURE ..... 175 PSI
- CASE ..... Bronze, 2" to 6"  
Epoxy coated cast iron, 8" to 10"
- COVER ..... Bronze, 2" to 6"  
Epoxy coated cast iron, 8" to 10"
- GASKET ..... Accopac
- STRAINER ..... Stainless steel
- BOLTS ..... Stainless steel
- END FLANGES ..... 2" to 6" ANSI class 150 standard  
8" to 10" ANSI class 125 standard

## Dimensions and weights

Size	2"	3"	4"	6"	8"	10"
A	6-1/2"	6"	7-1/2"	9"	10"	12"
B	5-3/4"	7-3/4"	9-1/4"	11-1/2"	14-1/16"	18-3/4"
C	2-13/16"	3-7/8"	4-5/8"	6"	7"	8-1/4"
Weight	16-1/2	26	40	80	150	220

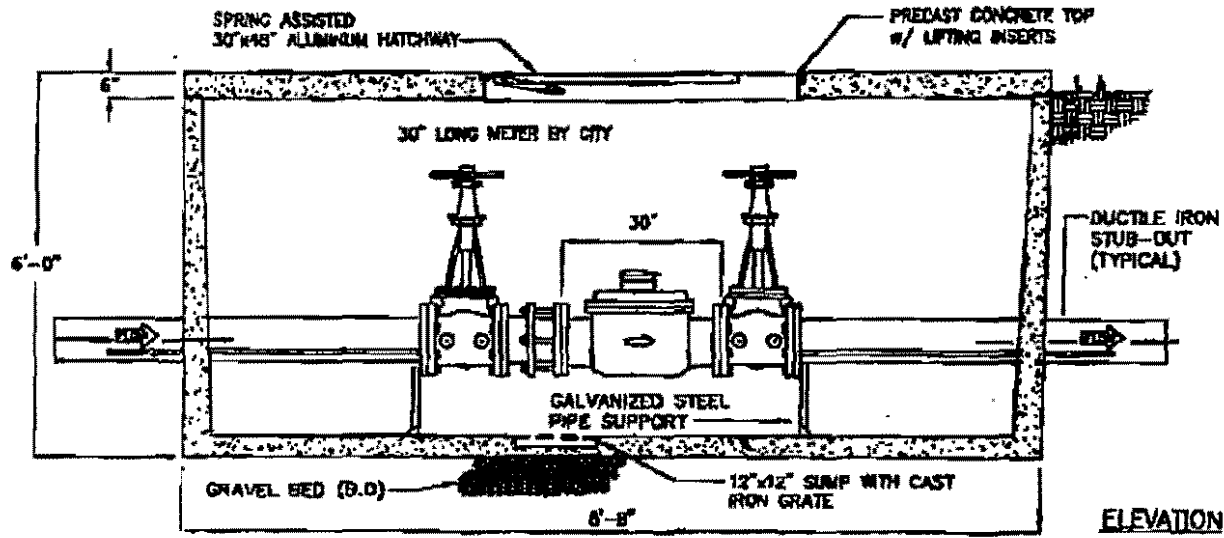
NOTE: Weights are approximate and in pounds.





PLAN VIEW

MODEL	SIZE	L1	W1	H1	WEIGHT LBS
DM-8	8"	6'-0"	3'-0"	6'-0"	14,000



ELEVATION

**Specifications**

**CONCRETE :** Class 1 concrete with design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor and first stage of wall with sectional riser to required depth.

**REINFORCEMENT:** Grade 60 reinforced. Steel rebar conforming to ASTM A615 on required centers or equal.

**HATCHWAY:** 1/4" Aluminum diamond plate cover, with 1/4" extruded aluminum frame. Hatch to be furnished with 316 Stainless Steel snap lock & brass hinges.

**Engineering Data**

The meter assembly shall be factory assembled in vault & hydrostatically tested prior to delivery. Field excavation & preparation shall be complete prior to delivery. Pipe, valves and fittings of the assembly shall be approved by one or more of the following associations:



PROJECT : NEW WATERLINE CONNECTION

CUSTOMER : DAVIS EXCAVATION

ENGINEER :



**8" WATER METER VAULT ASSEMBLY**

SCALE NONE

DESC. NO.

REV.

DATE 1/99

DM-8

A



Mr. David Robinson  
Operations Manager  
Pumping Division  
2900 White Rock Road  
Dallas, TX 75214

Arapaho Road – Phase III Project

January 12, 2005

Dear David:

Three weeks ago, Archer Western Contractors, Ltd. scheduled a meeting with you on the procedures for the lowering of the 60" main and to schedule a test shutdown for the section of the DWU 60" main and the associated valves. During this preparation for the test shutdown of the 60" main that next day, DWU notified Archer Western Contractors, Ltd. that an issue had arisen with the shutdown of the 60" main. DWU found that the water supply connection for the City of Farmers Branch was on the closed side of the valve, which would turn off the water to the City of Farmers Branch Marsh Lane Pumping Station.

Since that time, The City of Farmers Branch has been performing tests on their system to determine if they would be able to maintain pressure and volume when the 60" valve is closed on their system. The City of Farmers Branch has determined that they will not be able to maintain the required pressure beyond 48-hours.

Upon the notification of this issue, the Town of Addison and the City of Farmers Branch began working on an "interconnect" that would supply Farmers Branch during the work on the 60" main line. This "interconnect" must be installed and operational, prior to the shut down of the 60" main line.

The Town of Addison has requested Archer Western Contractors, Ltd. to reschedule the work on the 60" DWU main until the referenced "interconnect" can be completed. At the present time the Town of Addison is attempting to expedite this work and anticipates this work to be completed on or about January 19, 2005. We wanted to keep you informed of this matter.

Thank you,

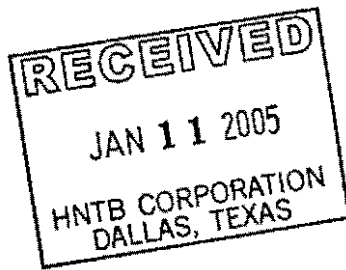
A handwritten signature in black ink, appearing to read "Guy Van Bauley", is written over the typed name.

Guy Van Bauley, EIT  
HNTB Corporation

Cc: Steve Chutchian, Town of Addison  
Erling Holey, Dallas Water Utilities  
Cassia Sanchez, Dallas Water Utilities  
Katura Curry, Grantham & Associates  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation



Archer Western  
Contractors



January 11, 2005

HNTB  
5910 W Plano Parkway  
Plano, Texas 75093  
Attn: Mr. Guy Van Baulen

RE: Town of Addison  
Project No. CM 95 (150)  
60" Water Main Delay

Dear Guy:

Archer Western Contractors has received your letter dated January 10, 2005 requesting that we delay the installation of the 60" waterline until an "Interconnect" can be installed by the Town of Addison and the City of Farmers Branch. This work was originally scheduled to be started November 2004 but already has been severely delayed due to the numerous changes by Grantham & Associates and DWU. As a result our utilization of equipment, schedule and other resources has been severely impacted due to these repeated delays.

Our revised schedule shows that we were to begin work on the 60" waterline again beginning January 10, 2005 as was coordinated with HNTB and DWU. However, at your request Archer Western Contractors will cease all operations pertaining to the 60" waterline until we receive written authorization to begin work. At that time Archer Western Contractors will evaluate the impact that this delay has caused to our production costs and to our schedule.

If you require additional information, please contact me at 817-640-3898 or 817-401-7202.

Sincerely,

Ben Withered  
Project Manager

Cc: Don Good

*Steve Chisholm*

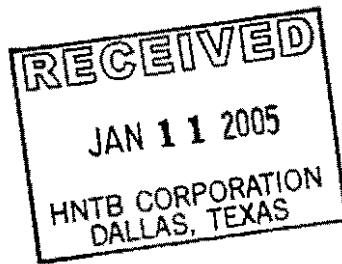


Archer Western  
Contractors

January 11, 2005

HNTB  
5910 W Plano Parkway  
Plano, Texas 75093  
Attn: Mr. Guy Van Baulen

RE: Town of Addison  
Project No. CM 95 (150)  
Traffic Control at Midway



Dear Guy:

Archer Western Contractors received your letter dated January 8, 2005 concerning the Midway Road traffic detour. Archer-Western has reviewed your request to adjust the low profile concrete barriers at the Midway detour and offers no objection to this proposal. However, the traffic striping and lane width will remain as it was originally outlined due to the construction phasing requirements. We will adjust the barrier backwards slightly from the current 1' offset to allow more room for navigation. In addition Archer-Western requests approval to place work zone pavement markers consisting of a 4" white solid edged line which was not shown in the original drawings.

Archer Western Contractors requests that the Town of Addison increase the traffic enforcement in the Midway work area to help reduce the speed of the traveling public and to increase public safety in the work zone.

Archer Western Contractors also stands by our original proposal to reduce the traffic to one lane each direction which would promote the safe, efficient passage through this zone and we request that HNTB re-evaluates this proposal for approval.

If you require additional information, please contact me at 817-640-3898 or 817-401-7202.

Sincerely,

Ben Withered  
Project Manager

Cc: Don Good

*Steve Christ*

# HNTB

Mr. Ben Withered  
Project Manager  
Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

January 10, 2005

Dear Ben:

During testing for the shutdown of the 60" DWU water main, it was determined that the water supply to the City of Farmer Branch was on the closed side of the valve.

Since that time, The City of Farmers Branch has been performing test on their system to determine if they would be able to maintain pressure and volume when the 60" valve is closed on their system. The City of Farmers Branch has determined that they will not be able to maintain the required pressure beyond 48-hours.

At this time, the Town of Addison along the City of Farmer Branch are working on an "interconnect" that would supply Farmers Branch during the work on the 60" main line. But this "interconnect" must be installed and operational, prior to the shut down of the 60" main line.

The Town of Addison is requesting Archer Western Contractors, Ltd. to reschedule the work on the 60" DWU main until such "Interconnect" can be completed. At the present time the Town of Addison is attempting to expedite this work and anticipate this work to be completed on or about January 25, 2005.

Please advise us of any actions you will take.

Thank you



Guy Van Baulen  
HNTB Corporation

Cc: Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation



ARCHITECTS ENGINEERS PLANNERS

15150 Surveyor Blvd  
Addison, TX 75001

972-361-0064  
FAX 972-361-0065  
www.hntb.com

December 22, 2004

Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Attention: Mr. Ben Withered

Re: Storm Sewer Line 'C' RCP pipe

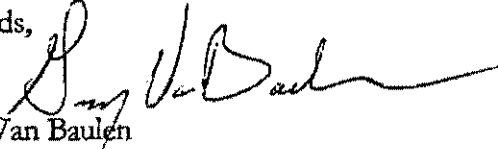
Dear, Mr. Withered

In an attempt to prevent existing ground water from infiltrating into the above referenced drainage system, the Town of Addison is requesting Archer Western Contractors, Ltd. to proceed with the installation of the Confined Groove Joint (O-ring) Reinforce Concrete Pipe for all RCP to be used between the Station 0+68 to Station 6+00 on the above referenced system.

Archer Western Contractors, Ltd. is directed to proceed with the work described above not to cause any delay in the job schedule. All work and material is required to conform to the contract specification.

Thank you.

Regards,

  
Guy Van Baulen  
HNTB Corporation

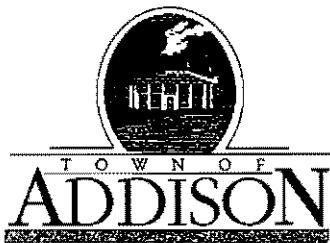
Attachments:

cc: Project File  
Jerry D. Holder, HNTB Corporation

*The HNTB Companies*

OFFICES: ALEXANDRIA, VA; ANNAPOLIS, MD; ATLANTA, GA; AUSTIN, TX; BATON ROUGE, LA; BOSTON, MA; CHARLESTON, SC; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH; COLUMBUS, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; ELKINS, WV; FAIRFIELD, NJ; FT. WORTH, TX; HARTFORD, CT; HOUSTON, TX; INDIANAPOLIS, IN; IRVINE, CA; KANSAS CITY,

State  
FVI



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871 FAX (972) 450-2837

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

January 11, 2005

Mark G. Pavageaux, P.E.  
Director of Public Works  
P.O. Box 819010  
Farmers Branch, TX 75381-9010

Re: Water System Interconnection Between Addison and Farmers Branch

Dear Mr. Pavageaux:

This is to describe the interconnection project that we have been working on with you recently. The primary purpose of this project is to allow shut down of the 60" DWU water main that feeds the Farmers Branch Marsh Lane Pumping Station and to therefore furnish a supplementary supply of water from Addison to Farmers Branch. The 60" main needs to be shut down so that a portion of the main can be lowered to accommodate the construction of Arapaho Road, Phase III. The secondary purpose of this project is to make an interconnection between the two systems such that either City can supply water to the other in case of emergency.

Addison intends to take the lead and bear the cost of the interconnection. A tapping sleeve and valve will be installed on the 8" main on Beltwood Parkway in Farmers Branch and a similar connection will be made on the nearby 8" main owned by Addison. We will attempt to install an 8" turbine meter if it is received in time. If it is not received in time, the connection will be made without the meter, and the meter will be installed after the 60" water main lowering project is complete. We have placed a call to TCEQ to advise them of this project.

The "capacity" of the connection will be a function of the difference in pressure between the two systems. Recently, pressure in Addison was 80 psi and pressure in Farmers Branch was 49 psi. This indicates a significant amount of water can be supplied from Addison to Farmers Branch. The amount of water that will be supplied is hard to calculate without a detailed hydraulic system analysis. We anticipate about 2 MGD can be supplied, and possibly more.

Construction of the interconnection should be complete Thursday or Friday of this week and we would ask that you begin your evaluation of the connection upon completion. We would like to have your approval to shut down the 60" main by Wednesday, January 19, 2005 at the latest.

Mark Pavageaux, P.E.  
January 11, 2005  
Page 2

We very much appreciate your fine cooperation with us on this project. We will keep you informed of our progress completing the connection. Please call me at 972-450-2871 if you have any questions or require any additional information.

Very truly yours,



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

Cc: Chris Terry, Assistant City Manager  
Jim Pierce, P.E., Assistant Public Works Director  
Jerry Davis, Utilities Superintendent  
John Hill, Cowles & Thompson



## Steve Chutchian

---

**To:** Randy Moravec; Jared Wilson  
**Cc:** Chris Terry; Mike Murphy; Jim Pierce; Jenny Nicewander  
**Subject:** RE: Consent Agenda Item for January 11th. Council Meeting

—Original Message—

**From:** Randy Moravec  
**Sent:** Tuesday, January 04, 2005 1:30 PM  
**To:** Steve Chutchian; Jared Wilson  
**Cc:** Chris Terry; Mike Murphy; Jim Pierce; Jenny Nicewander  
**Subject:** RE: Consent Agenda Item for January 11th. Council Meeting

Steve,

I would suggest you include the cost for the interconnection even if it is included as part of the Phase III contract.

Randy

—Original Message—

**From:** Steve Chutchian  
**Sent:** Tuesday, January 04, 2005 11:01 AM  
**To:** Jared Wilson  
**Cc:** Chris Terry; Randy Moravec; Mike Murphy; Jim Pierce; Jenny Nicewander  
**Subject:** Consent Agenda Item for January 11th. Council Meeting

<< File: Arapaho Rd. Interlocal Agreement with Farmers Branch Agenda Item.doc >>

## Weekly Meeting Agenda

Date: Tuesday Jan. 4, 2005  
Time 10:00 A.M.  
Location: Field Office

Arapaho Road Phase III

### I. Safety Issues

1. Keep up maintenance on orange fence.
2. Check for backup alarms on trucks.  
Clemons has been notified.
3. HNTB requests that additional message boards be added to the Midway detour and left up for an undisclosed amount of time after the traffic is routed onto the detour.  
A/W will be compensated for the message boards.  
A/W will write a letter requesting compensation for the message boards.  
A/W picked up four of the five message boards on Monday 12-27-04, per HNTB.  
HNTB requested A/W to set reset the four boards on 1-3-05 for two more weeks.  
Additional striping was added to the Midway detour on 12-28-04.

### II. Submittals

1. Bar lock samples were given to Daniel Filer.  
Texas Concrete must sign off on block outs.  
A RFI needs to be generated for Cliff Hall to sign off on.  
A RFI has been sent, Cliff Hall has not signed off on it yet.  
11-30-04  
The RFI was verbally not approved by URS.  
A/W requested a product to use. 11-30.  
We have received a weld detail for the splice on 12-3.  
A/W is reviewing the detail.  
Additional details between A/W and HNTB need to be resolved.  
Cliff Hall will stamp drawing 12-17.  
Received Revised Plan Sheet - Shop Drawing Being Revised
2. The MSE wall shop drawings have not been returned to A/W.  
Should have them by Friday per HNTB.  
Have Not received Shop Drawing received Revised Wall Sheet for Wall #3 12-23  
Revised Shop Drawings for Wall #3 will be here 1-5

### III. Old Business

1. A new Irrigation plan sheet for Comfort Suites is forthcoming.

A/W received the revised plan sheets on 12-2.

American Landscaping is pricing.

HNTB should have this by 12-21.

2. The Town asked about the paint submittal for the arches. Ben explained that system II paint is not tenable. A similar painting system will be submitted.

A letter from Sherman Williams has been given to the Town. 11-2.

The Town is leaning toward the Tnemec paint for the arches. 11-30.

A meeting was held on 12-1 for the rail painting.

12-7 HNTB said to proceed with the Tnemec paint.

Ben is reviewing pricing.

3. The roadway grades at the brickyard will not tie into the Railroad tracks. Jennie is looking into this. 10-26. HNTB needs a RFI from A/W. The grades will be adjusted. 11-2. Andrew and HNTB will review the grades today. 11-2.

A/W has requested a revised plan sheet for this area. 11-30.

HNTB is in the process of revising plan sheets.

Nothing yet. 12-28.

#### **IV. Change Orders**

1. Irrigation lines at Comfort Suites.

2. Tee for irrigation line off 16" line.

#### **V. New Business**

1. A traffic control plan has been submitted to the Town for detouring Surveyor Blvd. during construction at this location.

The town does not want to salvage any of the plants at the storage building.

2. After field verifying the elevation of the relocated SBC line, there are several areas where the new line will be in direct conflict with the slotted under drain pipe, the retaining wall, and inlets or laterals. 11-23-04.

Guy asked that Chris go with him to the various locations.

Work needs to proceed on these items.

What is being done about the following phone line conflicts?

# 1. Lat. A-5D

# 2. Lat. A5-C

# 3. 12" slotted drain

# 4. R.W. # 2

3. The location of Lat. B-7 and the Y inlet need to be verified so this work can be completed.

**V. Misc.**

1. A RFI has been sent to HNTB about several utility conflicts, with lines A & B, at Surveyor Blvd.

**VI. Schedule**

1 Review Weekly Schedule

1/4/2005

**ARAPAHO ROAD**



Activity Description	Prod	Current Week						Next Week						Following Week						SUBS/NOTES
		M	T	W	T	F	S/S	M	T	W	T	F	S/S	M	T	W	T	F	S/S	
		3	4	5	6	7	8	10	11	12	13	14	15	17	18	19	20	21	22	
Excavate/Embank Brickyard		X	X	X	X	X	X	X	X	X	X	X	/						/	
Box Culvert Line A (Surveyor)		X	X	X	X	X	X	X	X	X	X	X	X						/	
Box Culvert Line A (east)		X	X	X	X	X	X	X	X	X	X	X	/	X	X	X	X	X	/	
Box Culvert A ( Midway)					X	X	X	X	X	X	X	X	/	X	X	X	X	X	/	
Box Culvert Line B					X	X							/						/	
Roadway Embankment													/	X	X	X	X	X	/	
Lower 16" Water Line					X	X							/						/	
10" Sanitary Sewer					X	X		X	X	X	X	X	/	X	X	X	X	X	/	
Line C & Laterals								X	X	X	X	X	X	X	X	X	X	X	/	
Laterals Line A & B		X	X	X	X	X		X	X	X	X	X	/	X	X	X	X	X	/	
Trenched Retaining Walls								X	X	X	X	X	/	X	X	X	X	X	/	
CIP Retaining Wall													/	X	X	X	X	X	/	
Drilled Shafts											X	X	/						/	ATS
Columns						X							/						/	
Caps		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Bent # 10 Cap					X	X	X	X	X	X	X	X	/						/	
Bent # 9		X	X	X	X	X		X	X	X	X	X	/	X	X	X	X	X	/	
Inlets								X	X	X	X	X	/	X	X	X	X	X	/	
Shoring at Midway		X	X	X	X								/						/	Olden
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DATE SUBMITTED: January 4, 2005  
FOR COUNCIL MEETING: January 11, 2005

**Council Agenda Item: #**

**SUMMARY:**

This item is to request Council approval to enter into an Interlocal Agreement with the City of Farmers Branch for the construction of an Emergency Water System Interconnection.

**FINANCIAL IMPACT:**

Budgeted Amount: N/A

Cost: Included as part of the Arapaho Road, Phase III Construction Contract

Funding Source: Funds are available from the FY 2004 Bond Sale and from Unallocated Bond Fund Proceeds

**BACKGROUND:**

Construction of the Arapaho Road, Phase III project is underway and will continue into the fall of 2005. During the course of these improvements, it has been determined that the feed from an existing Dallas Water Utilities 60" water transmission main to the City of Farmers Branch must be temporarily shut down. This operation is a scheduled event that is in conjunction with the proposed lowering of the existing 60" main during construction of the Arapaho Road project. On January 10, 2005, the process of lowering the transmission main will begin, and the feed to Farmers Branch must be closed off a few days later. The closure will remain for up to two weeks. Farmers Branch has tested their system and they feel that they will be able to maintain adequate volume and pressure in the eastern portion of their water distribution system while the feed from the 60" main remains closed. However, water utilities staff from both municipalities feel that an interconnection between the respective water systems will provide a backup and an enhanced level of security in case of an emergency. An emergency could occur during the Arapaho Road construction or if either municipality experiences water system breaks, a serious fire, or natural disasters. In addition, a Vulnerability Assessment of the Town's water system has been performed with a recommendation that an interconnection be provided between Farmers Branch and Addison. Similar interconnections already exist between Carrollton and Addison, and Dallas and Addison. An interlocal agreement is being prepared by the Town of Addison City Attorney for review by Farmers Branch, which will include physical and legal components of the proposed interconnection.

**RECOMMENDATION:**

Staff recommends that Council authorize the City Manager to enter into an Interlocal Agreement with the City of Farmers Branch for the construction of an Emergency Water System Interconnection, subject to approval by the City Attorney.

## Steve Chutchian

---

**From:** Jerry Davis  
**Sent:** Thursday, December 30, 2004 10:26 AM  
**To:** Steve Chutchian  
**Cc:** Jim Pierce  
**Subject:** RE: Meet with John Hill on Farmers Branch Interlocal Agreement

Yes, they were testing it but concerned if a leak should happen during the time the 60-inch is down they would need help.

We met at 15001 Beltwood, Southeast corner of the property (Addison). We have a 8" water line that has 60 PSI tower level was at 26'. Farmers Branch has a 8" water main approx. 15' away with 49 PSI. This location is an excellent spot being only 5-6 ft. deep and in the grass.

***Jerry Davis, Utilities Superintendent***  
***972-661-1693***

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

**From:** Steve Chutchian  
**Sent:** Thursday, December 30, 2004 8:33 AM  
**To:** Jerry Davis  
**Subject:** RE: Meet with John Hill on Farmers Branch Interlocal Agreement

thanks. Hopefully, FB can handle their water system without needing the connections.

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

**From:** Jerry Davis  
**Sent:** Thursday, December 30, 2004 8:19 AM  
**To:** Steve Chutchian  
**Subject:** RE: Meet with John Hill on Farmers Branch Interlocal Agreement

10/4, Phil and I will be meeting David Ferguson with FB today at 9:00 AM to check on some sites.

***Jerry Davis, Utilities Superintendent***  
***972-661-1693***

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

**From:** Steve Chutchian  
**Sent:** Thursday, December 30, 2004 6:38 AM  
**To:** Jerry Davis  
**Subject:** RE: Meet with John Hill on Farmers Branch Interlocal Agreement

Jerry: Can you give me the information regarding sites that we would do a cross-connection. We would need to include it in the interlocal agreement that John Hill will prepare on Monday. Thanks. Steve C.

-----Original Appointment-----

**From:** Jerry Davis  
**Sent:** Wednesday, December 29, 2004 8:50 PM  
**To:** Steve Chutchian  
**Subject:** Declined: Meet with John Hill on Farmers Branch Interlocal Agreement  
**When:** Monday, January 03, 2005 9:00 AM-10:00 AM (GMT-06:00) Central Time (US & Canada).  
**Where:** Service Center

I am scheduled off vacation. Back on Tuesday



Approved

DATE SUBMITTED: January 4, 2005  
FOR COUNCIL MEETING: January 11, 2005

**Council Agenda Item: #**

**SUMMARY:**

This item is to request Council approval to enter into an Interlocal Agreement with the City of Farmers Branch for the construction of an Emergency Water System Interconnection.

**FINANCIAL IMPACT:**

Budgeted Amount:

N/A

Cost:

Total cost not to exceed \$20,000. Funds provided from Arapaho Road, Phase III Project

Funding Source:

Funds are available from the FY 2004 Bond Sale and from Unallocated Bond Fund Proceeds

**BACKGROUND:**

Construction of the Arapaho Road, Phase III project is underway and will continue into the fall of 2005. During the course of these improvements, it has been determined that the feed from an existing Dallas Water Utilities 60" water transmission main to the City of Farmers Branch must be temporarily shut down. This operation is a scheduled event that is in conjunction with the proposed lowering of the existing 60" main during construction of the Arapaho Road project. On January 10, 2005, the process of lowering the transmission main will begin, and the feed to Farmers Branch must be closed off a few days later. The closure will remain for up to two weeks. Farmers Branch has tested their system and they feel that they will be able to maintain adequate volume and pressure in the eastern portion of their water distribution system while the feed from the 60" main remains closed. However, water utilities staff from both municipalities feel that an interconnection between the respective water systems will provide a backup and an enhanced level of security in case of an emergency. An emergency could occur during the Arapaho Road construction or if either municipality experiences water system breaks, a serious fire, or natural disasters. In addition, a Vulnerability Assessment of the Town's water system has been performed with a recommendation that an interconnection be provided between Farmers Branch and Addison. Similar interconnections already exist between Carrollton and Addison, and Dallas and Addison. An interlocal agreement is being prepared by the Town of Addison City Attorney for review by Farmers Branch, which will include physical and legal components of the proposed interconnection.

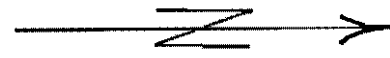
**DWU - Farmers Branch  
16" Water Line Interconnect  
Town of Addison, Texas**

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

Item No.	Item Description	Units	Quantity	Unit Cost	Total Cost
1	Mobilization	LS	1	\$	\$
2	16" Concrete Cylinder Pipe, including appurtenances and necessary excavation and backfill, complete and in place	LF	20	\$	\$
3	Concrete Thrust Blocking	CY	2	\$	\$
4	60" x 16" Saddle & Service (per Hanson)	EA	1	\$9,560.00	\$ 9,560.00
5	18" x 16" Saddle & Service (per Hanson)	EA	1	\$4,390.00	\$ 4,390.00
6	16" Tapping Valve, complete and in place	EA	2	\$	\$
7	10" Reinforced Concrete Paving Remove / Replace, including subgrade preparation and curb and gutter, complete and in place	SY	30	\$	\$
8	Erosion Control	LS	1	\$	\$
9	Traffic Control Plan implementation and maintenance	LS	1	\$	\$
10	Trench Safety Design and Implementation	LS	1	\$	\$
11	Sod	SY	30	\$	\$
<b>Total Bid Alternate No. 1</b>					<b>\$</b>

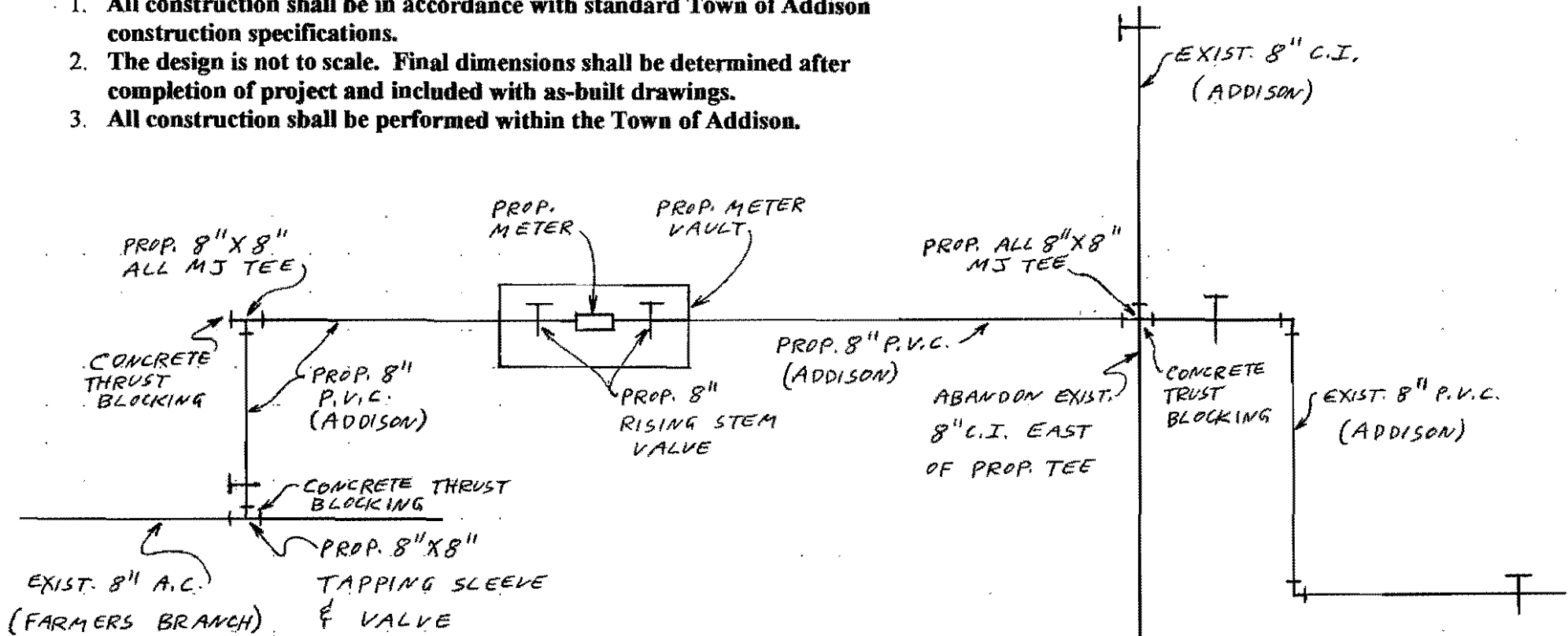
**Notes:**

- Item Numbers 4 and 5 are fixed costs.



**Notes**

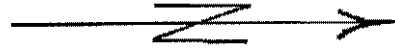
1. All construction shall be in accordance with standard Town of Addison construction specifications.
2. The design is not to scale. Final dimensions shall be determined after completion of project and included with as-built drawings.
3. All construction shall be performed within the Town of Addison.



14995 Beltwood Parkway  
Proposed 8" Water Interconnection  
Addison/Farmers Branch

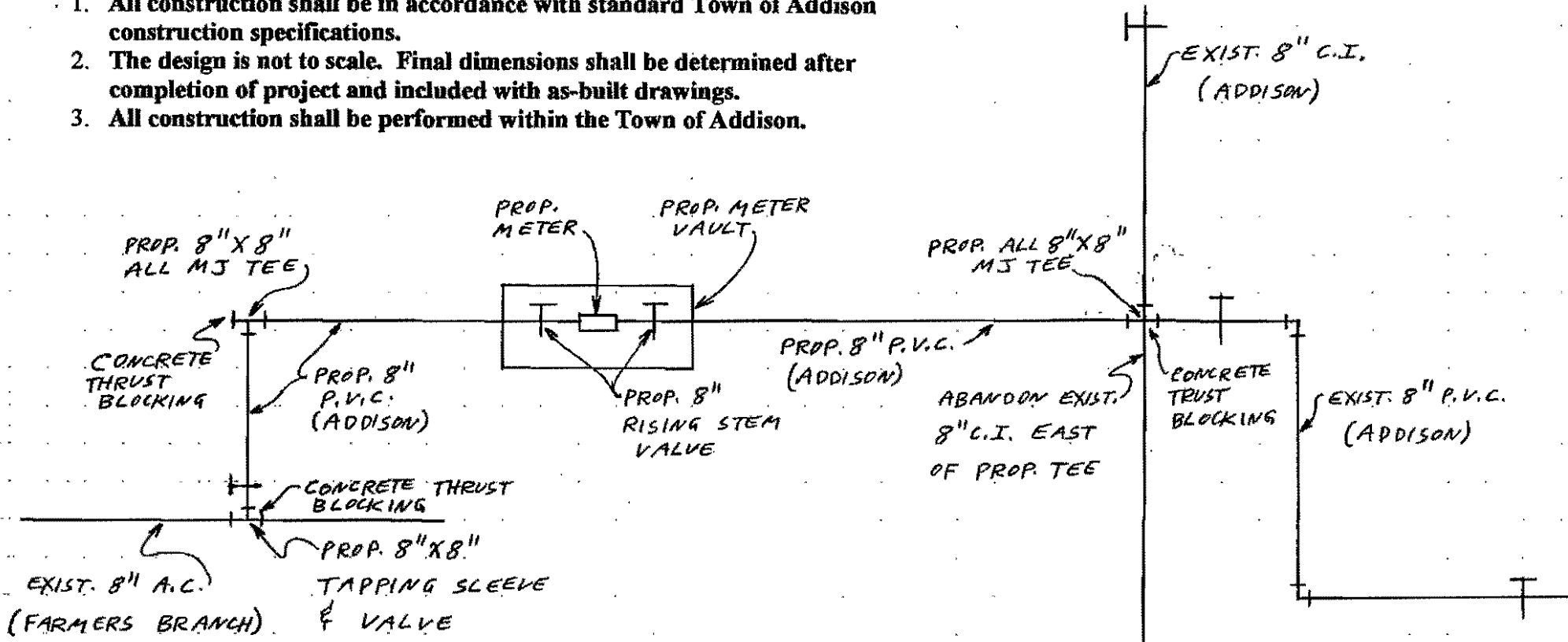
NOTE: CONTACT ALL  
AFFECTED PROPERTY  
OWNERS PRIOR TO  
START OF  
CONSTRUCTION

January 2005



**Notes**

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14995 Beltwood Parkway  
Proposed 8" Water Interconnection  
Addison/Farmers Branch

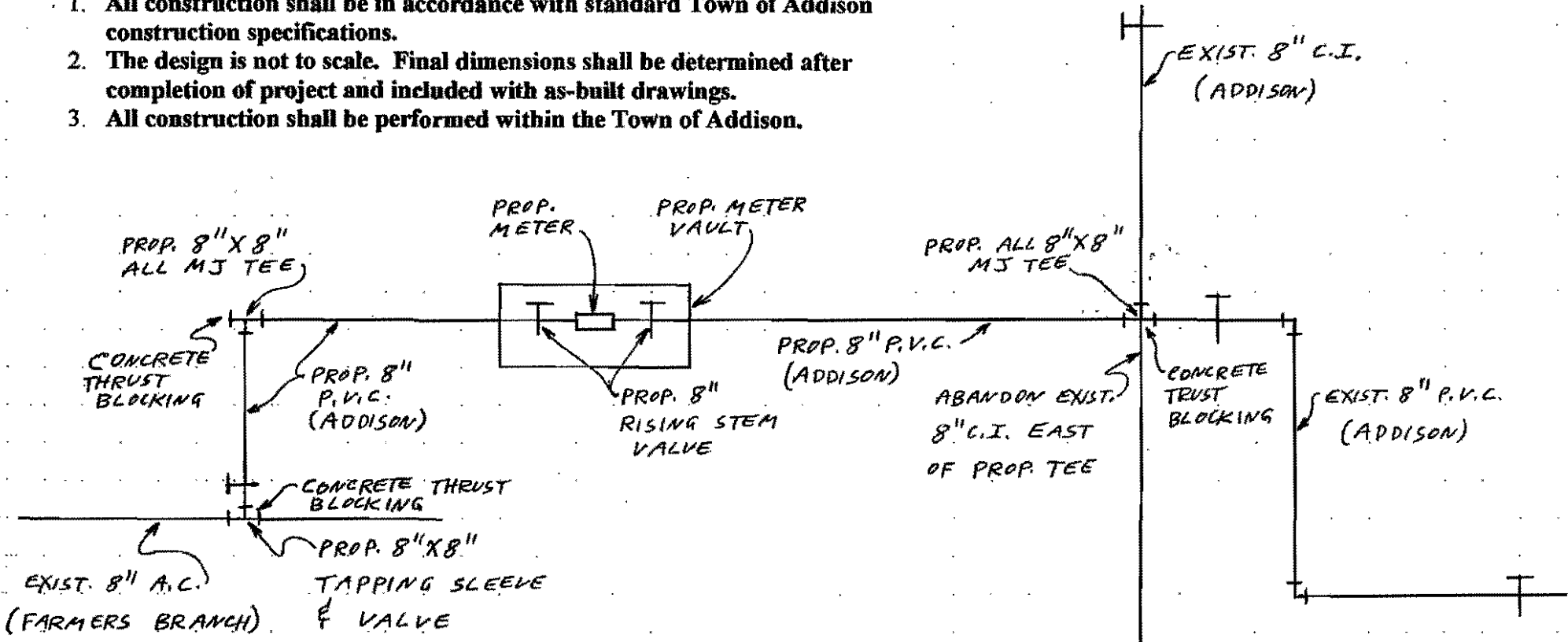
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January 2005



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14995 Beltwood Parkway  
Proposed 8" Water Interconnection  
Addison/Farmers Branch

January 2005

NOTE: CONTACT ALL  
AFFECTED PROPERTY  
OWNERS PRIOR TO  
START OF  
CONSTRUCTION

**PUBLIC WATER SYSTEM PLAN REVIEW SUBMITTAL FORM**  
**(Complete and Attach to Submittal Package)**

Date: \_\_\_\_\_  
 TCEQ PWS Identification No.\*: \_\_\_\_\_ CCN No. or Application No.\*\*: \_\_\_\_\_  
 Water System Name: \_\_\_\_\_  
 Water System Owner: \_\_\_\_\_ Type of Entity: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: (\_\_\_\_) \_\_\_\_\_  
 Responsible Official: \_\_\_\_\_ Title: \_\_\_\_\_  
 \*\*\*County (system location): \_\_\_\_\_ Subdivision Sec., Phase, Unit, etc. \_\_\_\_\_  
 \_\_\_\_\_ Mechanism & Source of Financing \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Registration Number: \_\_\_\_\_  
 E-mail: \_\_\_\_\_ Firm Name: \_\_\_\_\_ Ph: (\_\_\_\_) \_\_\_\_\_  
 Firm Address: \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_

\* If no PWS Number exists, the owner must submit a business plan, if required, in accordance with §290.39(f) and (g).  
 \*\* If a required CCN number does not exist, an acceptable application to obtain a CCN number must be made before a project submittal can be technically reviewed. In addition, if a submittal is for a project located outside the CCN area, a CCN amendment application must be submitted before a project may be reviewed for construction approval. Please refer to 30 TAC Chapter 291 for additional information regarding CCNs.

If this is a new (proposed) system, you must attach the following with this submittal:

- Attach a list of all water utilities within ½ mile of the proposed service area boundaries
- Copies of formal applications for service from each of the following
  - any municipality if the system is within its ETJ;
  - any district or other political subdivision whose corporate boundaries are within ½ mile of the proposed service area boundaries
  - any other water service provider whose certificated service area boundary is within ½ mile of the proposed service area boundaries
- Documentation that all application requirements including payment of fees were complied with.
- Copies of written responses from each of the entities listed above.
- Business plan, if required by 30 TAC 290.39(f) & (g). The business plan financial requirements for non-community water systems must confirm capital availability to construct the system according to TCEQ requirements. This would consist of a balance sheet that shows liabilities as well as assets, not just a bank confirmation of a deposit account. Alternatively, if the project is being constructed with loan funds, then a loan commitment letter from the lender specific to that project will suffice.
- Justification for constructing a separate system (unless none of the entities listed above exist)

Type of Project (please check the appropriate boxes). Submit a sealed engineering report that includes the number of connections to be served.

- |  |  |
|--|--|
| <input type="checkbox"/> Distribution System Modifications                   | <input type="checkbox"/> Storage Capacity Modifications        |
| <input type="checkbox"/> ***Well completion data on previously approved well | <input type="checkbox"/> ***Water Well Construction, Proposed  |
| <input type="checkbox"/> Pressure Maintenance Facilities Modifications       | <input type="checkbox"/> Proposed Innovative Process Study     |
| <input type="checkbox"/> Disinfection Facilities or Other Modifications      | <input type="checkbox"/> ***Ground Water Treatment Plant, New  |
| <input type="checkbox"/> Preliminary Engineering Report w/o plans            | <input type="checkbox"/> Surface Water Treatment Plant, New    |
| <input type="checkbox"/> Modification of Surface Water Treatment Plant       | <input type="checkbox"/> Tex. Water Dev. Board Proj. No. _____ |
| <input type="checkbox"/> Other(Please Explain) _____                         |  |

\*\*\*Please refer to [http://www.tnrc.state.tx.us/permitting/waterperm/pdw/pdw\\_rad.html](http://www.tnrc.state.tx.us/permitting/waterperm/pdw/pdw_rad.html) for a list of counties where there is an elevated risk of RADIONUCLIDES in the groundwater. The website also has helpful information regarding the radionuclide testing required in these counties.

IF THIS SUBMITTAL IS A REVISION OF PREVIOUSLY SUBMITTED PLANS, PLEASE ENTER THE ASSIGNED TCEQ LOG NUMBER: \_\_\_\_\_ Please call (512) 239-6960 if you have questions regarding this form. Your cooperation will help us provide better service. Additional helpful information and rules are available at our website:

<http://www.tnrc.state.tx.us/permitting/waterperm/ud/planrev.html>

I hereby certify that the above information is, to the best of my knowledge, true and correct.

Signed P.E. Seal Here:

Printed Engineer's Name \_\_\_\_\_ Date \_\_\_\_\_  
Revised 09/23/04



# FAX TRANSMITTAL

DATE: January 21, 2005 NUMBER OF PAGES (including this cover sheet):

TO: Name Mr. James G. Pierce Jr., P.E.  
Assistant Director of Public Works

Organization Town of Addison

FAX Number 972/450-2837

FROM: **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

Name Rose Etta Winn

Mailing address → Water Supply Division, MC 153  
P.O. Box 13087  
Austin, Texas 78711-3087

Division/Region Water Supply Division, Utility Creation & Plan Review

Telephone Number 512/239-8654

FAX Number 512/239-8190

NOTES:  
Mr. Pierce:

RE: Water System Interconnection Between Addison and Farmers Branch

We have received your submittal regarding the following mentioned project. In order to process your submittal, additional information is required. Please submit the requested information within 30 days of this notice. If response is not received within this time, it will result in the original materials being returned and you will have to resubmit a new package for review/approval.

- Engineering plans with each page signed, sealed and dated by a Texas-licensed professional engineer.
- Technical Specifications that are bound and contained, signed, sealed and dated by a Texas-licensed professional engineer on the cover or title page.
- **Public Water Plan Review Submittal form (attached.)** Please fill out, sign, seal and date the attached form.

Reference all future correspondence to TCEQ Log No. 200501-082. If you need further assistance, please contact me at the numbers listed above.

Sincerely,

Rose Etta Winn



**PUBLIC WORKS DEPARTMENT**

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

January 27, 2005

Ms. Rose Etta Winn  
Texas Commission on Environmental Quality  
Water Supply Division, MC 153  
P.O. Box 13087  
Austin, Texas 78711-3087

Re: TCEQ Log No. 200501-082  
Water System Interconnection Between Addison and Farmers Branch

Dear Ms. Winn:

In accordance with your request, dated January 21, 2005, the Town of Addison respectfully submits the following items related to the proposed water system interconnection between the Town of Addison and the City of Farmers Branch:

- Engineering plan
- Technical specifications
- Public Water Plan Review Submittal form

The two municipalities have ventured into an agreement, whereby, a potential source of potable water can be provided by either party in the event of an emergency. We look forward to your response and request the approval of this interconnection by the TCEQ.

Should you have any additional questions, please contact me at 972-450-2886. Thank you.

Sincerely,

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



**PUBLIC WATER SYSTEM PLAN REVIEW SUBMITTAL FORM**  
(Complete and Attach to Submittal Package)

Date: 1/27/05  
 TCEQ PWS Identification No.: 200501-082 CCN No. or Application No.\*\*: N/A  
 Water System Name: TOWN OF ADDISON  
 Water System Owner: TOWN OF ADDISON Type of Entity: MUNICIPALITY  
 Address: P.O. BOX 9010, 16801 WEST GROVE  
ADDISON, TEXAS 75001 Phone: (972) 450-2871  
 Responsible Official: JAMES PIERCE Title: DIRECTOR OF PUBLIC WORKS  
 \*\*\*County (system location): DALLAS Subdivision Sec., Phase, Unit, etc.  
Mechanism & Source of Financing  
 Engineer: STEVEN Z. CHUTCHIAN Registration Number: 44890  
 E-mail: schurchian@ci.addison.tx.us Firm Name: TOWN OF ADDISON Ph: (972) 450-2886  
 Firm Address: SAME AS OWNER Fax: (972) 450-2837

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 \*\* If a required CCN number does not exist, an acceptable application to obtain a CCN number must be made before a project submittal can be technically reviewed. In addition, if a submittal is for a project located outside the CCN area, a CCN amendment application must be submitted before a project may be reviewed for construction approval. Please refer to 30 TAC Chapter 291 for additional information regarding CCNs.

If this is a new (proposed) system, you must attach the following with this submittal:

- Attach a list of all water utilities within 1/2 mile of the proposed service area boundaries - CITY OF FARMERS BRANCH
- Copies of formal applications for service from each of the following
  - any municipality if the system is within its ETJ;
  - any district or other political subdivision whose corporate boundaries are within 1/2 mile of the proposed service area boundaries
  - any other water service provider whose certificated service area boundary is within 1/2 mile of the proposed service area boundaries
- Documentation that all application requirements including payment of fees were complied with.
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- Justification for constructing a separate system (unless none of the entities listed above exist)

Type of Project (please check the appropriate boxes). Submit a sealed engineering report that includes the number of connections to be served.

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Distribution System Modifications                              | <input type="checkbox"/> Storage Capacity Modifications        |
| <input type="checkbox"/> ***Well completion data on previously approved well                       | <input type="checkbox"/> ***Water Well Construction, Proposed  |
| <input type="checkbox"/> Pressure Maintenance Facilities Modifications                             | <input type="checkbox"/> Proposed Innovative Process Study     |
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| <input type="checkbox"/> Modification of Surface Water Treatment Plant                             | <input type="checkbox"/> Tex. Water Dev. Board Proj. No. _____ |
| <input checked="" type="checkbox"/> Other(Please Explain) <u>EMERGENCY INTERCONNECTION BETWEEN</u> |  |
| <u>TWO MUNICIPALITIES.</u>   |  |

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I hereby certify that the above information is, to the best of my knowledge, true and correct.

S. Z. CHUTCHIAN  
 Printed Engineer's Name

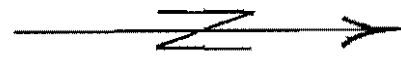
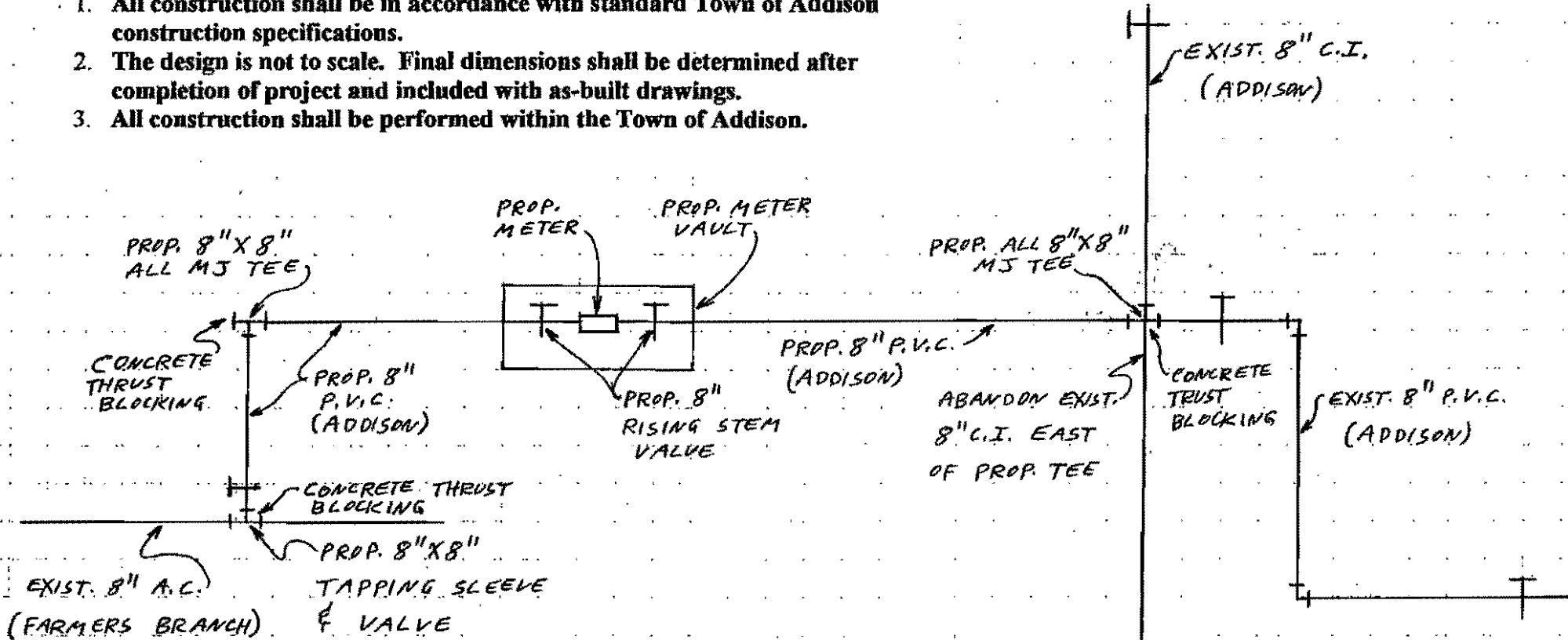
1/27/05  
 Date

Signed P.E. Seal Here:

*S. Z. Chutchian*  
 1/27/05

**Notes**

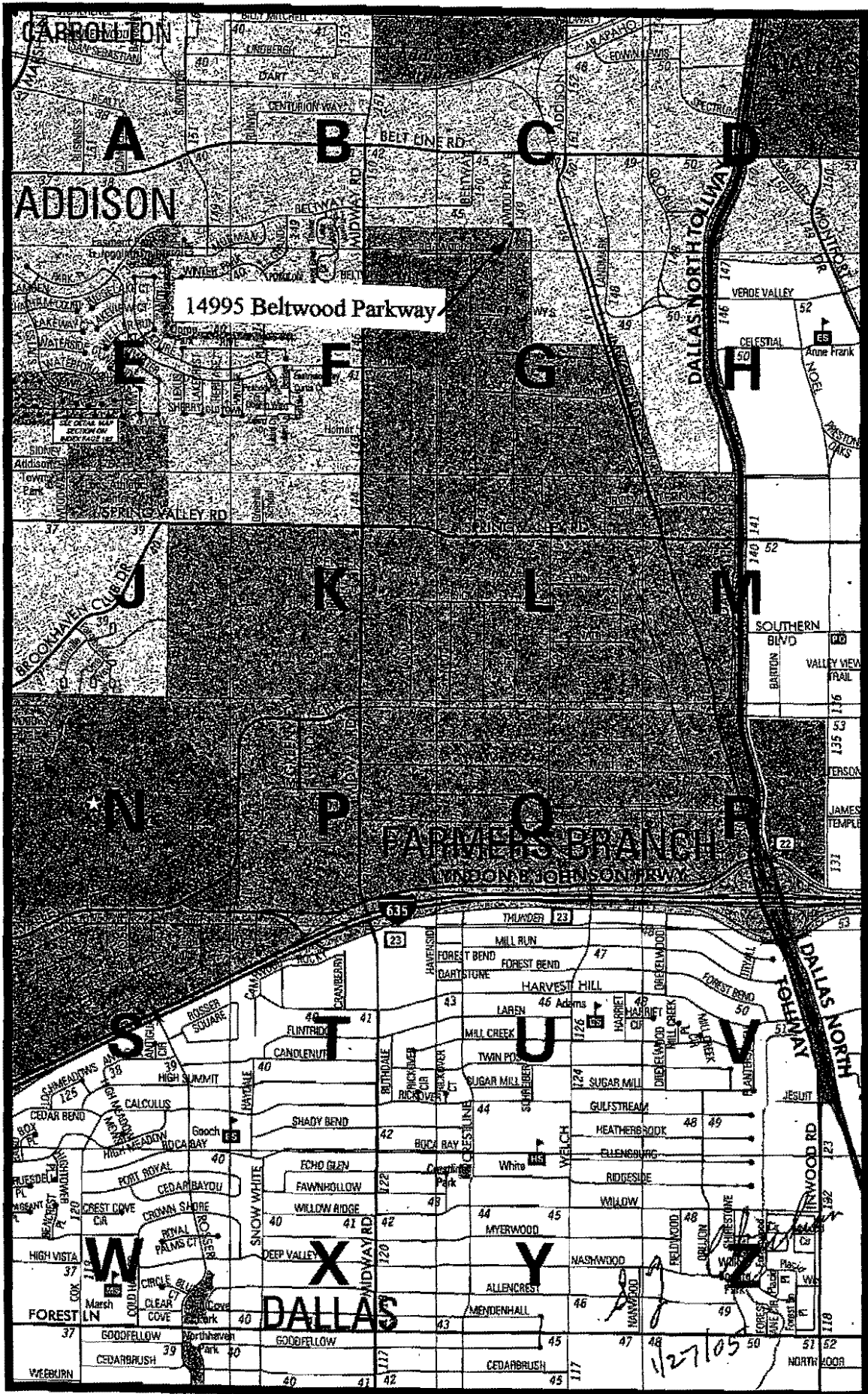
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*J. J. Chatterman*  
11/27/05

14995 Beltwood Parkway  
Proposed 8" Water Interconnection  
Addison/Farmers Branch

NOTE: CONTACT ALL  
AFFECTED PROPER  
OWNERS PRIOR TO  
START OF  
CONSTRUCTION



CONTINUED ON MAP 13

CONTINUED ON MAP 15

SCALE IN MILES



CONTINUED ON MAP 24

SCALE IN FEET



**DWU - Farmers Branch  
16" Water Line Interconnect  
Town of Addison, Texas**

**Engineer's Opinion of Probable Cost**

<b>Item No.</b>	<b>Item Description</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>
1	Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00
2	16" Concrete Cylinder Pipe, including appurtenances and necessary excavation and backfill, complete and in place	LF	20	\$ 125.00	\$ 2,500.00
3	Concrete Thrust Blocking	CY	2	\$ 150.00	\$ 300.00
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7	10" Reinforced Concrete Paving Remove / Replace, including subgrade preparation, complete and in place	SY	30	\$ 70.00	\$ 2,100.00
8	Erosion Control	LS	1	\$ 1,000.00	\$ 1,000.00
9	Traffic Control Plan preparation and implementation	LS	1	\$ 8,000.00	\$ 8,000.00
10	Trench Safety Design and Implementation	LS	1	\$ 2,000.00	\$ 2,000.00
11	Sod	SY	30	\$ 15.00	\$ 450.00
<i>Sub-Total</i>					<b>\$ 55,300.00</b>
<i>10% Contingency</i>					<b>\$ 5,530.00</b>
<i>Total Bid</i>					<b>\$ 60,830.00</b>

<b>Project:</b>	Arapaho Road – Phase III
<b>Client:</b>	Town of Addison, Texas
<b>Report No.:</b>	8
<b>Time Period:</b>	1/29/05 through 2/04/05
<b>Prepared By:</b>	GVB

#### Work Started or Progressed

- Maintain Traffic Shift @ Midway Rd. – Three to Two Lanes – Phase I
- 10” Sanitary Sewer to complete tie-in and service connection
- Continue installation of Storm Sewer Box Culverts Line A & B
- Continue installation inlet on Lateral along Line A, B & C Storm Sewer
- Striping Formwork from the Bridge Caps 6 & 7.
- Continue to assemble and set reinforcement steel for Bent 8 & 10 Beam Cap.
- Continue to Build Formwork for the Bridge Beam Cap at Bent 10.
- Excavation of Roadway and Site at Brickyard

#### Work Completed

- Storm Sewer Box Culvert Line A: Sta 39+50 to 41+00, East of Midway Rd.
- Bridge Substructures Bents 6: Completed striping formwork form Cap
- Completed the installation of the new 12” gate valves at Surveyor Blvd for lowering of 12” Main and 2” service tap for pump station.
- Completed the Structural Excavation for the CIP Retaining Wall #1 & #3

#### Work Scheduled to be Performed During Next Week

- **Backfill & place Temp. Pavement at Roadway area of Midway to Shift Midway Lane Traffic to Phase II**
- **Continue Utility Crossing of Storm Sewer Box Culvert Line A and 10” Sanitary Sewer across Midway Rd.**
- **Bridge Caps – Bent 10 Concrete placement**
- **Bridge Caps – Strip Formwork on Bents 7, and began to set formwork for Bents 8 and 5 bridge caps for concrete placement**
- **Brickyard site work**



<b>Project:</b>	Arapaho Road – Phase III
<b>Client:</b>	Town of Addison, Texas
<b>Report No.:</b>	7
<b>Time Period:</b>	1/22/05 through 1/28/05
<b>Prepared By:</b>	GVB

**Work Started or Progressed**

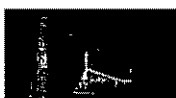
- Maintain Traffic Shift @ Midway Rd. – Three to Two Lanes – Phase I
- 10” Sanitary Sewer to complete tie-in and service connection
- Continue installation of Storm Sewer Box Culverts Line A & B
- Continue installation of Storm Sewer Line C and Lateral to inlets
- Continue installation inlet on Lateral along Line A, B & C Storm Sewer
- Building Formwork for Concrete placement for the Bridge Caps 6 & 7.
- Building and setting reinforcement steel for Bent 6, 7 & 10 Beam Cap.
- Excavation of Roadway and Site at Brickyard

**Work Completed**

- Storm Sewer Box Culvert Line A: Sta 34+48 to 37+50 & 38+50 to 39+50 East of Midway Rd.
- Completed the Storm Sewer Line C and laterals to inlets
- Bridge Substructures Bents 7: Place Concrete for Inv “T” Cap
- Bridge Substructures Bents 6: Place Concrete for Inv “T” Cap
- Completed the 16” water main lowering at Midway Road
- Completed the tie-in of Line B Storm Sewer to existing Culvert

**Work Scheduled to be Performed During Next Week**

- **Utility Crossing of Storm Sewer Box Culvert Line A & B and 10” Sanitary Sewer at Midway Rd.**
- **Bridge Caps – Bent 10 Concrete placement**
- **Bridge Caps – Strip Formwork on Bents 6 & 7, and began to set formwork for Bents #8 and 5 for Concrete placement**
- **Shift Midway Lane Traffic to Phase II**
- **Brickyard site work**





# FAX TRANSMITTAL

DATE: January 21, 2005 NUMBER OF PAGES (Including this cover sheet): 3

TO: Name Steven Z. Chutechian, P.E.  
*AW* Mr. James C. Pierce Jr., P.E.  
*RAW* Assistant Director of Public Works Assistant City Engineer  
 Organization Town of Addison  
 FAX Number 972/450-2837

FROM: **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

Name Rose Etta Winn  
 Mailing address → Water Supply Division, MC 163  
P.O. Box 13087  
Austin, Texas 78711-3087  
 Division/Region Water Supply Division, Utility Creation & Plan Review  
 Telephone Number 512/239-6654  
 FAX Number 512/239-6190

NOTES:  
Mr. Pierce:

RE: Water System Interconnection Between Addison and Farmers Branch

We have received your submittal regarding the following mentioned project. In order to process your submittal, additional information is required. Please submit the requested information within 30 days of this notice. If response is not received within this time, it will result in the original materials being returned and you will have to resubmit a new package for review/approval.

- Engineering plans with each page signed, sealed and dated by a Texas-licensed professional engineer.
- Technical Specifications that are bound and contained, signed, sealed and dated by a Texas-licensed professional engineer on the cover or title page.
- Public Water Plan Review Submittal form (attached.) Please fill out, sign, seal and date the attached form.

Reference all future correspondence to TCEQ Log No. 200501-082. If you need further assistance, please contact me at the numbers listed above.

Sincerely,  
Rose Etta Winn

→ 2.2.05  
 Mr. Chutechian:  
 Thank you for sending in the above information. Please seal, sign & date cover page of your Technical Spec's & fax it back to me.  
 Sincerely, Rose Etta Winn

**Pending Change Orders**

A/W #	Change Order #	Bid Item	Description	Unit Price	Cost Submitted	Agreed Cost Value	
PCO-01	1	1201	Security Fence a Reservoir		\$ 8,508.94	\$ 8,508.94	OK
PCO-02	2	1202	2" water tap for future irrigation @ Surveyor Blvd. Wiring to tie-in to new irrigation system Moving A - control near pump station		\$ 1,912.45		
PCO-17	2	1203	Relocating the existing Comfort Suite irrigation system from under the future sidewalk and onto comfort Suite ROW		\$ 3,488.71		OK
PCO-05	2	1204	Inconvenience Sign - Two (2) signs		\$ 278.59		OK
PCO-06	2	1205	Cement Stablized Sand For TXU Conduit- 250 tons	\$ 31.37	\$ 7,841.51		OK
PCO-08	2	1206	8' Gate Valve		\$ 937.94		OK
PCO-23		1207	Steel Casing Encasement for Sanitary sewer		\$ 3,750.95		OK
PCO-24A			Tnemenc paint for Arch				Future Rev
PCO-25			Acess handhole in stringer and conduit for future electric		\$ 4,504.32		No
PCO-26			Change over to Gasket Piping at Brickyard		\$23,995.97		
					(25,000)		



**TOWN OF ADDISON, TEXAS**  
**ARAPAHO ROAD - PHASE III**  
 Project No. 04-22

**CHANGE ORDER NO. 02**

**TABLE A: Force Account Work and Materials Placed into Stock**

	LABOR	HOURLY	HOURLY RATE

**TABLE B: Contract Items**

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL CONTRACT + PREVIOUSLY REVISED		CHANGE ORDER	REVISED CONTRACT		CHANGE ORDER
				QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
NPC05/1202	Job Sign "Pardon Us" 2ft x 3ft size	EA	\$139.29	0.00	\$0.00	2.00	2.00	\$278.58	\$278.58
1203	8" Resilante Gate Valve w/box and stack	EA	\$0.00	0.00	\$0.00	1.00	1.00	\$0.00	\$0.00
1204	Sawcut/Remove/Replace Variable Pavement at parking lot and driveway	SY	\$0.00	0.00	\$0.00	27.00	27.00	\$0.00	\$0.00
1205	12" PVC Storm Sewer Pipe	LF	\$0.00	0.00	\$0.00	10.00	10.00	\$0.00	\$0.00
1206	12" 16 Gage CMP Slat Drain w/Curb & Gutter	LF	\$209.09	0.00	\$0.00	190.00	190.00	\$39,727.10	\$39,727.10
1207	12" 16 Gage CMP	LF	\$0.00	0.00	\$0.00	104.00	104.00	\$0.00	\$0.00
1208	Reinforced Concrete Flume with curb	SY	\$0.00	0.00	\$0.00	14.00	14.00	\$0.00	\$0.00
1209	6" 4000psi Reinforced Concrete Curb and Gutter	LF	\$0.00	0.00	\$0.00	242.00	242.00	\$0.00	\$0.00
1210	Furnish and place 6" thick reinforced Conc. Pavement	SY	\$28.15	0.00	\$0.00	5,500.00	5,500.00	\$154,825.00	\$154,825.00
1211	Concrete Stabilized Sand	CY	\$0.00	0.00	\$0.00	0.00	0.00	\$0.00	\$0.00
1212	Portable Changeable Message Board	Daily	\$135.00	0.00	\$0.00	210.00	210.00	\$28,350.00	\$28,350.00
1213	Handhole in Stringer Future Access	EA	\$705.00	0.00	\$0.00	4.00	4.00	\$2,820.00	\$2,820.00
NPC26	30" Gasket Reinforced Concrete Pipe	LF	\$94.44	0.00	\$0.00	218.00	218.00	\$20,587.92	\$20,587.92
	24" Gasket Reinforced Concrete Pipe	LF	\$76.04	0.00	\$0.00	524.00	524.00	\$39,844.96	\$39,844.96
	21" Gasket Reinforced Concrete Pipe	LF	\$70.33	0.00	\$0.00	231.00	231.00	\$16,246.23	\$16,246.23
	Restocking & Shipping	LS	\$2,528.85	0.00	\$0.00	1.00	1.00	\$2,528.85	\$2,528.85
109	Furnish and place 10" thick reinforced Conc. Pavement	SY	\$31.94	29,400.00	\$939,036.00	-5,470.00	23,930.00	\$764,324.20	(\$174,711.80)
155	Furnish and install Concrete Railroad Crossing	LF	\$371.00	380.00	\$140,980.00	-380.00	0.00	\$0.00	(\$140,980.00)
238	21" Reinforced Concrete Storm Sewer Pipe	LF	\$61.16	914.00	\$46,760.24	-218.00	696.00	\$35,697.96	(\$11,162.88)
239	24" Reinforced Concrete Storm Sewer Pipe	LF	\$57.05	925.00	\$45,771.25	-524.00	401.00	\$22,877.05	(\$29,994.20)
240	30" Reinforced Concrete Storm Sewer Pipe	LF	\$89.19	683.00	\$45,337.77	-231.00	352.00	\$24,354.88	(\$15,982.89)
							0.00		
							0.00		
							0.00		
							0.00		
							0.00		
							0.00		
							0.00		
							0.00		
							0.00		
<b>TOTALS</b>					\$	1,219,896.26		\$1,162,372.13	(\$57,513.13)



ARCHITECTS ENGINEERS PLANNERS

90 Years

*Steve*

5910 W. Plano Parkway  
Suite 200  
Plano, Texas  
75093  
972-661-5626  
Fax 972-661-5611  
www.hntb.com

December 31, 2004

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

Arapaho Road Phase 3  
Certificate of Insurance

In accordance with the provisions of the agreement with Town of Addison, we are enclosing the Certificate of Insurance for January 1, 2005 to January 1, 2006, conforming to the requirements of the agreement. This is forwarded for your information and file. Should you have any questions or comments, please do not hesitate to call.

Very truly yours,

HNTB CORPORATION

*M. Lorez*

Michelle Lorez  
Project Administrator  
Central Division

Enclosure

25768

*The HNTB Companies*

OFFICES: ALBUQUERQUE, NM; ANNE ARBOR, MI; ATLANTA, GA; AUSTIN, TX; BALTIMORE, MD; BOSTON, MA; CHAMBERSBURG, PA; CHAMBERSBURG, WA; CHICAGO, IL; CLEVELAND, OH; COLUMBUS, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; EL PASO, TX; FORT WORTH, TX; HARTFORD, CT; HICKSVILLE, NY; HOUSTON, TX; INDIANAPOLIS, IN; JACKSONVILLE, FL; KANSAS CITY, MO; KNOXVILLE, TN; LANSING, MI; LOS ANGELES, CA; LOUISVILLE, KY; MADISON, WI; MIAMI, FL; MILWAUKEE, WI; MINNEAPOLIS, MN; NASHVILLE, TN; NEW YORK, NY; OAKLAND, CA; ORANGE COUNTY, CA; ORLANDO, FL; OVERLAND PARK, KS; PHILADELPHIA, PA; PORTLAND, ME; RALEIGH, NC; ST. LOUIS, MO; SALT LAKE CITY, UT; SAN ANTONIO, TX; SAN BERNARDINO, CA; SAN FRANCISCO, CA; SAN JOSE, CA; SEATTLE, WA; TAMPA, FL; TORONTO, ONT.; WAYNE, NJ; WASHINGTON, DC

# ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
12/1/2004

**PRODUCER**  
Liberty Mutual Insurance Company  
Financial Plaza II  
6800 College Boulevard, Suite 700  
Overland Park, KS 66211-1547

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**INSURED**  
HNTB Corporation  
5910 W. Plano Parkway, Suite 200  
Plano, TX 75093

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Liberty Mutual Fire Insurance Company	23035
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	TB2-141-433035-214	12/1/04	12/1/05	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIREO AUTOS <input type="checkbox"/> NON-OWNED AUTOS	AS2-141-433035-204	12/1/04	12/1/05	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$
	<b>EXCESS/UMBRELLA LIABILITY</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE \$ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	WA2-14D-433035-665	1/1/05	1/1/06	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
	OTHER				

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS**  
 HNTB Job 25768; Arapaho Road Extension - Phase II/III Additional Insured: Town of Addison as respects general liability and automobile liability.

**CERTIFICATE HOLDER**  
 Town of Addison  
 Public Works Department  
 P.O. Box 144  
 Addison, TX 75001

**CANCELLATION**  
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDORSE BY MAIL 60 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BY FIRST CLASS MAIL.  
 AUTHORIZED REPRESENTATIVE

## **IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

## **DISCLAIMER**

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

## Weekly Meeting Agenda

Date: Tuesday, Dec. 14, 2004

Arapaho Road Phase III

Time 10:00 A.M.

Location: Field Office

### I. Safety Issues

1. Keep up maintenance on orange fence.
2. Check for backup alarms on trucks.

### II. Submittals

1. Bar lock samples were given to Daniel Filer.  
Texas Concrete must sign off on block outs.  
A RFI needs to be generated for Cliff Hall to sign off on.  
A RFI has been sent, Cliff Hall has not signed off on it yet.  
11-30-04  
The RFI was verbally not approved by URS.  
A/W requested a product to use. 11-30.  
We have received a weld detail for the splice on 12-3.  
A/W is reviewing the detail.  
Additional details between A/W and HNTB need to be resolved.
2. The MSE wall shop drawings have not been returned to A/W.

### III. Old Business

1. A new Irrigation plan sheet for Comfort Suites is forthcoming.  
A/W received the revised plan sheets on 12-2.  
American Landscaping is pricing.
2. A/W needs a Tap drawing for a proposed tap on the 16" water line in Midway Road.  
A/W received the drawings on 12-2.  
HNTB is looking into this.
3. The Town asked about the paint submittal for the arches. Ben explained that system II paint is not tenable. A similar painting system will be submitted.  
A letter from Sherman Williams has been given to the Town. 11-2.  
The Town is leaning toward the tmemec paint for the arches. 11-30.  
A meeting was held on 12-1 for the rail painting.  
12-7 HNTB said to proceed with the Tmemec paint.

4. Archer Western is waiting on HNTB to give us a letter to submit shop drawings for the light holes in the Stingers. Daniel stated that the letter is on the way.

Daniel said the letter will be sent. 11-2. Andrew will return the letter to Daniel.

Letter and pricing was sent on 11-11. Waiting on response. 12/7. 12/13.

5. The roadway grades at the brickyard will not tie into the Railroad tracks. Jennie is looking into this. 11-26. HNTB needs a RFI from A/W. The grades will be adjusted. 11-2. Andrew and HNTB will review the grades today. 11-2.

A/W has requested a revised plan sheet for this area. 11-30.

HNTB is in the process of revising plan sheets.

6. What is the status of the buried ties and trash at the brick yard

The Town is looking into this. 11-8. HNTB is waiting on test results.

The Railroad will remove all the ties from this area.

HNTB will not comment at this time. 11-16-04.

HNTB is waiting on ground water sample results. 11-30.

HNTB has requested pricing on gasket RCP in this area. 11-30.

A/W is working on pricing.

12-7 The Town will handle the removal of all questionable material.

HNTB has received the pricing for gasket RCP at the brickyard.

#### **IV. Change Orders**

1. Irrigation lines at Comfort Suites.

2. Tee for irrigation line off 16" line.

#### **V. New Business**

1. A traffic control plan has been submitted to the Town for detouring Midway Road during construction at this location.

2. After field verifying the elevation of the relocated SBC line, there are several areas where the new line will be in direct conflict with the slotted under drain pipe, the retaining wall, and inlets or laterals. 11-23-04.

#### **V. Misc.**

1. TXU needs to remove and relocate the poles at Addison Road.

Guy will check into this matter.

2. Does the Town know what kind of pipe the 16" water line is?

Where are the valves located? On Beltline and North of the tracks.

Who will be affected? The Rink, Mong Grill, Citgo, and Doughnut shop.

3. The light poles need to be removed in the Midway median. We will not be able to detour on Thursday 12-16 if the are not removed.

**VI. Schedule1**

Review Weekly Schedule

12/13/2004

**ARAPAHO ROAD**



Activity Description	Prod	Current Week						Next Week						Following Week						SUBS/NOTES
		M	T	W	T	F	S/S	M	T	W	T	F	S/S	M	T	W	T	F	S/S	
		13	14	15	16	17	18	20	21	22	23	24	25	27	28	29	30	31	1	
Excavate/Embank Brickyard		X	X	X	X	X	/	X	X	X	X	X	/						/	
Box Culvert Line A		X	X	X	X	X	/	X	X	X	X	X	X	X	X	X	X	X	/	
Box Culvert Line B		X	X	X	X	X	/	X	X										/	
Roadway Embankment		X	X	X	X	X	/	X	X	X	X	X	/	X	X	X	X	X	/	
Midway Median Detour Work		X	X	X	X		/						/						/	
10" Sanitary Sewer		X	X	X	X	X	/	X	X	X	X	X	/	X	X	X	X	X	/	
Line C & Laterals		W	A	I	T	I	N	G				/						/		
Laterals Line A & B		X	X	X	X	X	/	X	X	X	X	X	/	X	X	X	X	X	/	
Bent 10 Arms		X	X				/					/						/		
Trenched Retaining Walls							/	X	X	X	X	X	/	X	X	X	X	X	/	Trench Sub
CIP Retaining Wall							/				X	X	/	X	X	X	X	X	/	
Drilled Shafts		X	X	X	X	X	/	X	X	X	X	X	/	X	X	X	X	X	/	ATS
Columns				X	X	X	/	X				/	X	X	X	X	X	/		
Caps							/					/			X	X	X	/		
Bent # 9							/			X	X	X	/	X	X	X	X	X	/	
Jack & Bore line C				X	X	X	/	X	X	X	X	X	/						/	Longhorn
Inlets							/					/						/	Inlet Spec.	
							/					/						/		
							/					/						/		
							/					/						/		
							/					/						/		



## Steve Chutchian

---

**From:** David Wilde  
**Sent:** Friday, December 10, 2004 5:00 PM  
**To:** Jenny Nicewander; Jim Pierce; Mike Murphy; Steve Chutchian  
**Cc:** Jerry Davis; Charles McElroy; Phillip Kagarice  
**Subject:** Surveyor Pump Station

Gentlemen:

Just an FYI for advance planning - beginning @ Jan 3-5, the 60" DWU line servicing the Surveyor P.S. will be shut down and dewatered for the line lowering for the Arapaho III project at Comfort Suites. The line will have to be shut off and emptied, then after the line is lowered and the new valve put in, it will be chlorinated with chlorine gas fed from Marsh Lane back to the Beltwood Pkwy reservoir. After completion of the chlorination (and associated testing), the line will be recharged and put back in service.

Obviously, Surveyor will not be getting water during this process. You will probably want to look into what you want to do with regards to water level in the tank, tank cleaning, refilling, etc., while this is happening. You will probably want to shut off the ROF valve while the line is empty also. Extra precaution for the viability of Celestial Pump Station during this time will also be appropriate.

*Dave Wilde*  
Public Works Inspector  
Town of Addison  
PH: 972-450-2847



ARCHITECTS ENGINEERS PLANNERS

15150 Surveyor Blvd  
Addison, TX 75001

972-361-0064  
(FAX) 972-361-0065  
www.hntb.com

December 8, 2004

Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Attention: Mr. Ben Withered

Re: Video Record of the Project

Dear, Mr. Withered

This letter is confirm the above reference issue that was discussed on December 7, 2004, progress meeting. The Town of Addison has contracted Channel 3 Productions to document the progress of the Arapaho Road -- Phase III Project. Channel 3 Production will visit the site on a weekly basis and on special events to document the project progress.

The Town of Addison is expecting the full cooperation from Archer Western Contractors, Ltd. to document this construction project.

Thank you.

Regards,

Guy Van Baulen, E.I.T.  
HNTB Corporation

Attachments:

cc: Project File  
Steve Chutchian, Town of Addison  
Jenny Nicewander, Town of Addison  
Michael Ebeling, HNTB Corporation  
Jerry D. Holder, HNTB Corporation

*The HNTB Companies*

OFFICES: ALEXANDRIA, VA; ANNAPOLIS, MD; ATLANTA, GA; AUSTIN, TX; BATON ROUGE, LA; BOSTON, MA; CHARLESTON, SC; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH;  
COLUMBUS, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; ELKINS, WV; FAIRFIELD, NJ; FT. WORTH, TX; HARTFORD, CT; HOUSTON, TX; INDIANAPOLIS, IN; IRVINE, CA; KANSAS CITY,



December 6, 2004

Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Attention: Mr. Ben Withered

Re: **Irrigation System at the Comfort Inn Frontage**

Dear, Mr. Withered


Due to field condition at the frontage for the Comfort Inn along Arapaho Road, it was determined to additional irrigation zones. See reissued contract drawing sheet IR-09, page 232 for the issue referenced above.

Archer Western Contractors, Ltd. is directed to submit a cost proposal to accommodate the redesign of the irrigation system along Arapaho Road -- Phase III Project.

Archer Western Contractors, Ltd. is directed to proceed with the work described above not to cause any delay in the job schedule. All work and material is required to conform to the contract specification.

Thank you.

Regards,

  
Guy Van Baulen, E.I.T.  
HNTB Corporation

*To be filed, but I  
wanted you to see  
them first.*

*Jimmy*

Attachments:

- cc: Project File
- Steve Chutchian, Town of Addison
- Jerry D. Holder, HNTB Corporation
- Michael Ebeling, HNTB Corporation



ARCHITECTS ENGINEERS PLANNERS

15150 Surveyor Blvd  
Addison, TX 75001

972-361-0064  
FAX 972-361-0065  
www.hntb.com

December 6, 2004

Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Attention: Mr. Ben Withered

Re: **Irrigation Water Taps**

Dear, Mr. Withered


The Town of Addison had reviewed the locations of the existing water mains and has decided to change the type of connection to provide for future development for the issue referenced above.

Archer Western Contractors, Ltd. is directed to submit a cost proposal to accommodate the redesign of the irrigation water taps and addition piping for the tie-in of the new irrigation system along Arapaho Road – Phase III Project. See reissued contract drawing sheet IR-01, 02, 06, 07, 09& 12 for the issue referenced above along with the attached sheet for material quantities for this redesign.

Archer Western Contractors, Ltd. is directed to proceed with the work described above not to cause any delay in the job schedule. All work and material is required to conform to the contract specification.

Thank you.

Regards,

  
Guy Van Baulen, E.I.T.  
HNTB Corporation

Attachments:

cc: Project File  
Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation

*The HNTB Companies*

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COLUMBUS, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; ELKINS, WV; FAIRFIELD, NJ; FT. WORTH, TX; HARTFORD, CT; HOUSTON, TX; INDIANAPOLIS, IN; IRVINE, CA; KANSAS CITY,

**ARAPAHO ROAD EXTENSION  
PHASE III  
ESTIMATE OF ALTERNATIVE WATER TAPS FOR IRRIGATION**

<b>AREA #1 - SURVEYOR AND ARAPAHO</b>			
<b>#</b>	<b>ITEM</b>	<b>UNIT</b>	<b>QUANTITY</b>
1	Re-locate controller with wiring east	LF	400
2	Add 2" service tap	EA	1
3	Add 2 1/2" main line extension	LF	130

<b>AREA #2 - MIDWAY AND ARAPAHO</b>			
<b>#</b>	<b>ITEM</b>	<b>UNIT</b>	<b>QUANTITY</b>
1	Add 16" x 6" tee and 6" valve	EA	1
2	Add 6" service extension to west	LF	40
3	Add 6" x 4" service tee and 4" valve	EA	1
4	Add 4" main extension	LF	110

<b>AREA #3 - ADDISON AND ARAPAHO</b>			
<b>#</b>	<b>ITEM</b>	<b>UNIT</b>	<b>QUANTITY</b>
1	Add 24" x 8" tapping tee and valve	EA	1
2	Add 8" service extension to west	LF	65
3	Add 8" x 4" service tee and 2" valve	EA	1
4	Add 3" main extension	LF	240
5	Add 2 - 6" sleeves	LF	420
6	Street Removal and Replacement	SY	55



The HNTB Companies

Arapaho Rd. – Phase III  
Request for Information  
Response

---

To: Archer Western Contractors, Ltd.

Date: December 2, 2004

Originator: Andrew Scheermann

RFI Number: R-AW043

Subject: 4" subdrain Tie- in location @ STA 39+55

**Request:**

Please reference the attached sheet 189 and sheet 100

According to sheet 189, the 4" subdrain for the 3 tree wells locates in the sidewalk from Sta 39+60 to 40+20 shows to terminate into existing stub out behind curb (see Storm). Sheet 100; the line B storm sewer drawings does not show any stubs outs or inlets in this area.

**Response/Action Taken:**

The 4" PVC Tree subdrain is to tie-in to the newly installed 5'x 6' concrete box culvert just West of the last tree. The 4" subdrain shall be installed at a min. 1% slope and tie-in at the upper 2ft of the sidewall of the concrete box culvert to allow for proper drainage of the tree wells. See attached plan sketch SK-1.

By: Guy Van Baulen, HNTB Corporation

Date: December 2, 2004

Cc:

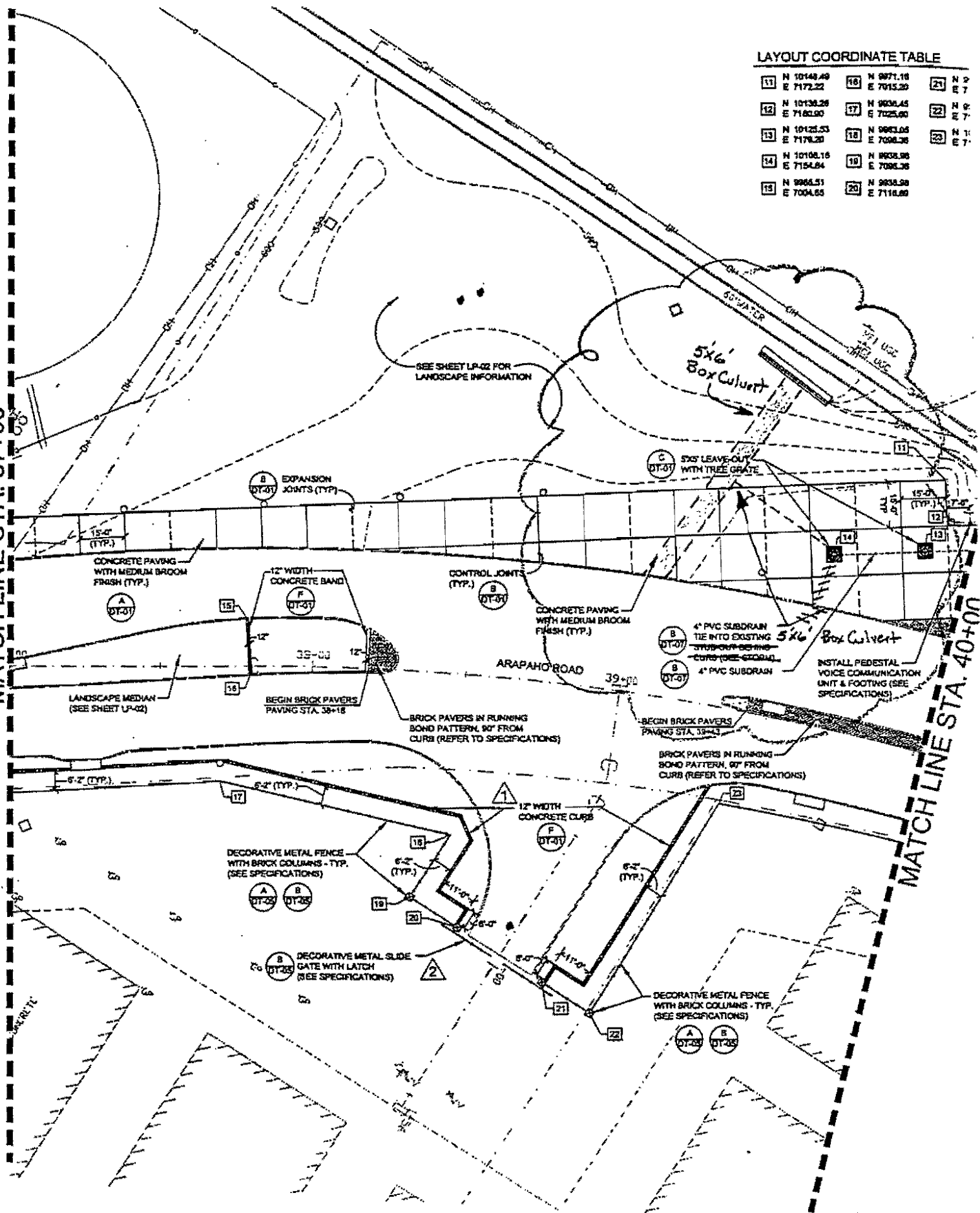
Project File  
Steve Chutchian, Town of Addison  
Jerry Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation  
David Boles, HNTB Corporation  
Katura Curry, Grantham Assoc.

LAYOUT COORDINATE TABLE

11	N 10148.49 E 7172.22	18	N 9971.18 E 7015.29	25	N 9 E 7
12	N 10138.28 E 7182.90	17	N 9936.45 E 7025.00	22	N 9 E 7
13	N 10125.53 E 7178.20	18	N 9963.08 E 7008.28	23	N 1 E 7
14	N 10108.18 E 7154.84	19	N 9938.98 E 7085.28		
15	N 9965.51 E 7004.85	20	N 9938.98 E 7118.89		

MATCH LINE STA. 37+00

MATCH LINE STA. 40+00





ARCHITECTS ENGINEERS PLANNERS

15150 Surveyor Blvd  
Addison, TX 75001

972-361-0065  
FAX 972-361-0065  
www.hntb.com

November 15, 2004

Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Attention: Mr. Don Good

Re: Holiday Work Schedule

Dear Mr. Good,

We are in receipt of letter dated November 11, 2004, in which you are requesting a total of 11 days to be considered neutral days. In discussion with the Town of Addison, it is their position that these 11-days are part of the 425-days originally bid for this project and they do not see a reason to deviate from the days originally bid.

Please let me know if you have any questions regarding this matter.

Thank you.

Regards,

Guy Van Baulen, E.I.T.  
HNTB Corporation

Attachments:

cc: Project File  
Steve Chutchian, Town of Addison  
Jenny Nicewander, Town of Addison  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation

*The HNTB Companies*

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





ARCHITECTS ENGINEERS PLANNERS

15150 Surveyor Blvd  
Addison, TX 75001

972-361-0064  
FAX 972-361-0065  
www.hntb.com

December 6, 2004

Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Attention: Mr. Ben Withered

Re: Structural Steel Arch Paint

Dear, Mr. Withered

This letter is to confirm the discussion that occurred on Wednesday, December 1, 2004 in Archer Western Contractors, Ltd. office trailer.

Archer Western Contractors, Ltd. is directed to proceed with the painting of the Structural Steel Arch for the Arapaho Road – Phase III Project utilizing the Tnemec – High Build Epoxoline 66 & Endura-Shield II 1075 w/ Fluoraranar 1076 Clear Coat.

Archer Western Contractors, Ltd. is directed to proceed with the work described above not to cause any delay in the job schedule. All work and material is required to conform to the contract specification.

Thank you.

Regards,

Guy Van Baulen, E.I.T.  
HNTB Corporation

Attachments:

cc: Project File  
Steve Chutchian, Town of Addison  
Jerry D. Holder, HNTB Corporation  
Michael Ebeling, HNTB Corporation

*The HNTB Companies*

OFFICES: ALEXANDRIA, VA; ANNAPOLIS, MD; ATLANTA, GA; AUSTIN, TX; BATON ROUGE, LA; BOSTON, MA; CHARLESTON, SC; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH; COLUMBUS, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; ELKINS, WV; FAIRFIELD, NJ; FT. WORTH, TX; HARTFORD, CT; HOUSTON, TX; INDIANAPOLIS, IN; IRVINE, CA; KANSAS CITY,



ARCHITECTS ENGINEERS PLANNERS

15150 Surveyor Blvd  
Addison, TX 75001

972-361-0064  
(FAX) 972-361-0065  
www.hntb.com

December 6, 2004

Archer Western Contractors, Ltd.  
2121 Avenue "J"  
Suite 103  
Arlington, TX 76006

Attention: Mr. Ben Withered

Re: Claim Caused by Loss of Power

Dear, Mr. Withered

During the installation of the 12" PVC Sanitary Sewer on November 11, 2004, the electrical service was damaged causing loss of power to the adjacent building which is occupied by MAPSCO, Inc. Attached is a claim submitted by MAPSCO, Inc. for the losses incurred as a result of said electrical service.

It is Archer Western Contractors, Ltd. responsibility to submit and provide coverage for the aforementioned claim on behalf of MAPSCO, Inc.

Kindly provide proof of your company submittal of said claim.

Thank you.

Regards,



Guy Van Baulen, E.I.T.  
HNTB Corporation

Attachments:

cc: Project File  
Steve Chutchian, Town of Addison  
Michael Ebeling, HNTB Corporation  
Jerry D. Holder, HNTB Corporation

*The HNTB Companies*

OFFICES: ALEXANDRIA, VA; ANNAPOLIS, MD; ATLANTA, GA; AUSTIN, TX; BATON ROUGE, LA; BOSTON, MA; CHARLESTON, SC; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH;  
COLUMBUS, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; ELKINS, WY; FAIRFIELD, NJ; FT. WORTH, TX; HARTFORD, CT; HOUSTON, TX; INDIANAPOLIS, IN; IRVINE, CA; KANSAS CITY,

November 19, 2004

RECEIVED  
NOV 22 2004  
HNTB CORPORATION  
DALLAS, TEXAS

Guy Van-Baulen, EIT  
HNTB  
5910 W. Plano Parkway, #200  
Plano, Texas 75093

Dear Guy:

I have attached a breakdown of expenses relating to the power outage on November 11, 2004 at the Mapsco office at 4181 Centurion Way. As we understand it, the outage was caused by a crew employed by Archer/Western.

You indicated that we should tally our losses for the day and submit them to you. You would then deal with Archer/Western on recovering our losses.

I would expect that this will be expedited and a check released to us within 30 days.

If you have additional questions, please let me know.

Sincerely,

Tracy Eubanks  
Executive Vice President, Chief Operating Officer

972-450-9300 - office  
972-342-7397 - cell

cc Steve Chutchian, Town of Addison  
Bill Crepeau, Charter Furniture (Landlord)

Mapsco, Inc.  
4181 Centurion Way  
Addison, TX 75001

Expenses relating to Power Outage on November 11, 2004

Labor	
Wages	9,685.74
Payroll Taxes	740.96
Benefits	1,026.70
Total Labor	11,453.40
Rent	460.27
Lost Sales	7,114.00
Total Losses	19,027.67

## Steve Chutchian

---

**From:** Jenny Nicewander  
**Sent:** Monday, December 06, 2004 10:21 AM  
**To:** Steve Chutchian  
**Cc:** Jim Pierce; Mike Murphy; Robin Jones; David Wilde  
**Subject:** FW: RR ties

**Importance:** High

I meant to send this out last week, but this is all going on now...

As an update, It is the recommendation of HNTB and our plan to only remove and haul off the RR ties and the spoil associated with the RR ties on Arapaho.

The additional borings/soils testing that was done found the same elevated levels of contaminants that was found in the pits. Since this site has historically been a RR site, there is enough justification to assume that no matter where samples were taken the levels of contamination would be elevated. We are only planning to take the spoil from the RR tie pits to the landfill. At this time we are not planning or anticipating on excavation beyond the 2 pits found.

HNTB has sent a letter to TCEQ on our behalf, and with my consent, stating that old RR ties were found and will be disposed of properly in a licensed landfill. After excavation, a letter report will be sent to them detailing the extent of excavation. It will also describe protective measures taken to ensure that water does not get into the drainage system.

HNTB has sent over some forms that needs to be faxed over to Waste Management who will be receiving the waste.

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

**From:** Jerry Holder [mailto:JHolder@HNTB.com]  
**Sent:** Thursday, December 02, 2004 7:17 PM  
**To:** Jenny Nicewander  
**Subject:** FW: RR ties  
**Importance:** High

FYI...This is what needs to be done to complete this.

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

**From:** Brian Sims  
**Sent:** Wednesday, December 01, 2004 4:06 PM  
**To:** Jerry Holder  
**Cc:** Dave Rudig; Jennifer Halstead; Scott Forbes; Daniel Filer; Guy Van-Baulen  
**Subject:** RE: RR ties  
**Importance:** High

1. Send the notification letter to the Regional office of the TCEQ.
2. I will forward all waste profile forms to Jenny. After she signs off, the information will be forwarded to the landfill. The landfill will FedEx the manifests to us.
3. Once everything is clear with the landfill and we have the manifests, dig and haul can commence - early to mid next week.
4. A HNTB representative (me, Daniel, or Guy) will need to be present to sign manifests as agent for the generator (Town of Addison) as the dirt is hauled off.
5. Following removal of waste we will wait to receive copies of the manifests from the landfill, showing proper disposal, so that I can include them in my report.
6. Write the letter report.

**Steve Chutchian**

---

**From:** Jerry Holder [JHolder@HNTB.com]  
**Sent:** Wednesday, December 01, 2004 9:22 AM  
**To:** Mike Murphy; Jim Pierce; Jenny Nicewander; Steve Chutchian  
**Cc:** Guy Van-Baulen; Daniel Filer; Christopher White  
**Subject:** Arapaho Road Bridge - Paint Memo

As a follow up to my previous e-mail concerning the arch paint, I need to bring you up to date on the paint situation for the T-4 Rail and the Pedestrian Rail. It is a long story and is best summarized in Chris White's memo that I have attached. But to summarize, we are taking the following actions:

We are of the opinion that the cost proposal from Scott Derr Painting (Archer-Western Sub) is too expensive and not acceptable. We are asking Archer-Western to do the following:

- 1) Get a second quote for applying the (Frank blue) appearance coat in the field.
- 2) Ask the rail fabricator to give a quote for applying the (Frank blue) appearance coat in the shop.

If neither of these options work out in the Town's favor, we will then send this problem to URS. As you will see from the attached memo, Chris believes that the plans and specs on the bridge paint leave a grey area that may be a problem.

If you need any further clarification, let me know. I will let you know the outcome of options 1 and 2 above.

Thanks,  
Jerry

<<Holder-Paint 11-29-04.doc>>

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12/1/2004

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

From: Jerry Holder  
Sent: Wednesday, December 01, 2004 3:42 PM  
To: Brian Sims  
Cc: Guy Van-Baulen; Daniel Filer; Dave Rudig; Jennifer Halstead; Scott Forbes  
Subject: FW: RR ties  
Importance: High

Brian, let's get this thing wrapped up. Please give me a list of steps that you'll take to make this happen.

Thanks,  
Jerry

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

From: Jenny Nicewander [mailto:jnicewander@ci.addison.tx.us]  
Sent: Wednesday, December 01, 2004 3:16 PM  
To: Jerry Holder  
Subject: RR ties  
Importance: High

Mikes on board with the letter and the approach. I'll get the info from steve on who's going to haul it off.

i'll find out about a supplemental too....

Jenny Nicewander, P.E.  
Project Manager  
Town of Addison  
Phone - 972-450-2860  
Fax - 972-450-2837  
Cell - 214-850-3645  
Pager - 972-500-3192  
Text Page 9725003192@page.metrocall.com

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November 17, 2004

Mr. Steven Z. Chutchian, PE  
Assistant City Engineer  
16801 Westgrove Drive  
P.O. Box 9010  
Addison, TX 75001-9010

Re: **Arapaho Road Bridge at Midway Road  
Phase II – Construction Services  
Invoice for Professional Services**

Dear Mr. Chutchian:

Enclosed please find our invoice for Professional Services during the construction of the Arapaho Road Bridge at Midway Road for the period from September 25, 2004 to October 29, 2004. Also included is our Progress Report for this period outlining the services provided.

Sincerely,

**URS Corporation**

Cliff R. Hall, PE  
Project Manager

Enclosure

URS Corporation  
Graystone Center  
3010 LBJ Freeway, Suite 1300  
Dallas, TX 75234  
Tel: 972.406.6950  
Fax: 972.406.6951

## Weekly Meeting Agenda

Date: Tuesday, Nov.30, 2004

Arapaho Road Phase III

Time 10:00 A.M.

Location: Field Office

NOTE: The meeting scheduled for 11-23-04 was canceled by HNTB.

### **I. Safety Issues**

1. Keep up maintenance on orange fence.
2. Maintain V.P.'s on Surveyor Blvd.

### **II. Submittals**

1. Bar lock samples were given to Daniel Filer.  
Texas Concrete must sign off on block outs.  
A RFI needs to be generated for Cliff Hall to sign off on.  
A RFI has been sent, Cliff Hall has not signed off on it yet.

### **III. Old Business**

1. A new Irrigation plan sheet for Comfort Suites is forthcoming.
2. A/W needs a Tap drawing for a proposed tap on the 16" water line in Midway Road.
3. The Town asked about the paint submittal for the arches. Ben explained that system II paint is not tenable. A similar painting system will be submitted.  
A letter from Sherman Williams has been given to the Town. 11-2.
4. Archer Western is waiting on HNTB to give us a letter to submit shop drawings for the light holes in the Stingers. Daniel stated that the letter is on the way.  
Daniel said the letter will be sent. 11-2. Andrew will return the letter to Daniel.
5. The roadway grades at the brickyard will not tie into the Railroad tracks. Jennie is looking into this. 10-26. HNTB needs a RFI from A/W. The grades will be adjusted. 11-2. Andrew and HNTB will review the grades today. 11-2.
6. What is the status of the buried ties and trash at the brick yard  
The Town is looking into this. 11-8. HNTB is waiting on test results.



*EMAIL  
BIRKOFF  
ON  
A/WH  
ON ROAD*

The Railroad will remove all the ties from this area.  
HNTB will not comment at this time. 11-16-04.

#### **IV. Change Orders**

Pricing has been submitted for the following items:

1. S.S. Casing Flow-Fill
2. 8" water valve
3. Structural Steel painting
4. CTB for electrical crossings.
5. Slotted drain pricing is being reviewed.

#### **V. New Business**

1. A traffic control plan for crossing Midway Road with the boxes and sewer needs to be submitted.

2. After field verifying the elevation of the relocated SBC line, there are several areas where the new line will be in direct conflict with the slotted under drain pipe, the retaining wall, and inlets or laterals. 11-23-04.

#### **V. Misc.**

1. TXU needs to remove and relocate the poles at Addison Road.  
Guy will check into this matter.

2. Dave mentioned the slow drainage of the ditch at Addison Rd. A/W will see what we can do to help the problem. 11-16. The temporary crossing has been removed to allow a greater flow.

#### **VI. Schedule**

1 Review Weekly Schedule





The HNTB Companies

Field Office: 15150 Surveyor Blvd, Addison, TX 75001 & Phone: 972-351-0064

November 12, 2004

Date:

To: Mr. Lynn Chandler
Town of Addison
P.O. Box 9010
16801 Westgrove Drive
Addison, TX 75001

Re: Arapaho Road - Phase III Project
Surveyor Blvd. to Addison Road
Project No. 04-22

WE ARE FORWARDING TO YOU:

- Attached
Under separate cover via:

- Plans, Specifications, Estimates, RFI #24 - Request status from the Town of Addison
Shop Drawings, Change Order, Samples
Copy of Letter, Proposal, Reports
Originals, Reproducibles, Prints

Table with 4 columns: NO. OF COPIES, SHEET NO., LAST DATED, DESCRIPTION. Row 1: 3, S&J Schematic, 11/12/04, The Service Tie-In for Absolute Systems from TXU Transformer to Existing Service Conduit.

THESE ARE TRANSMITTED:

- For approval, For your use, As requested, For review and comment
Resubmit \_\_\_ copies for review, Submit \_\_\_ copies for distribution, Return \_\_\_ corrected prints
No exceptions taken (NE), Make corrections noted (ME), Amend and resubmit (AR), Rejected - See remarks (RE)

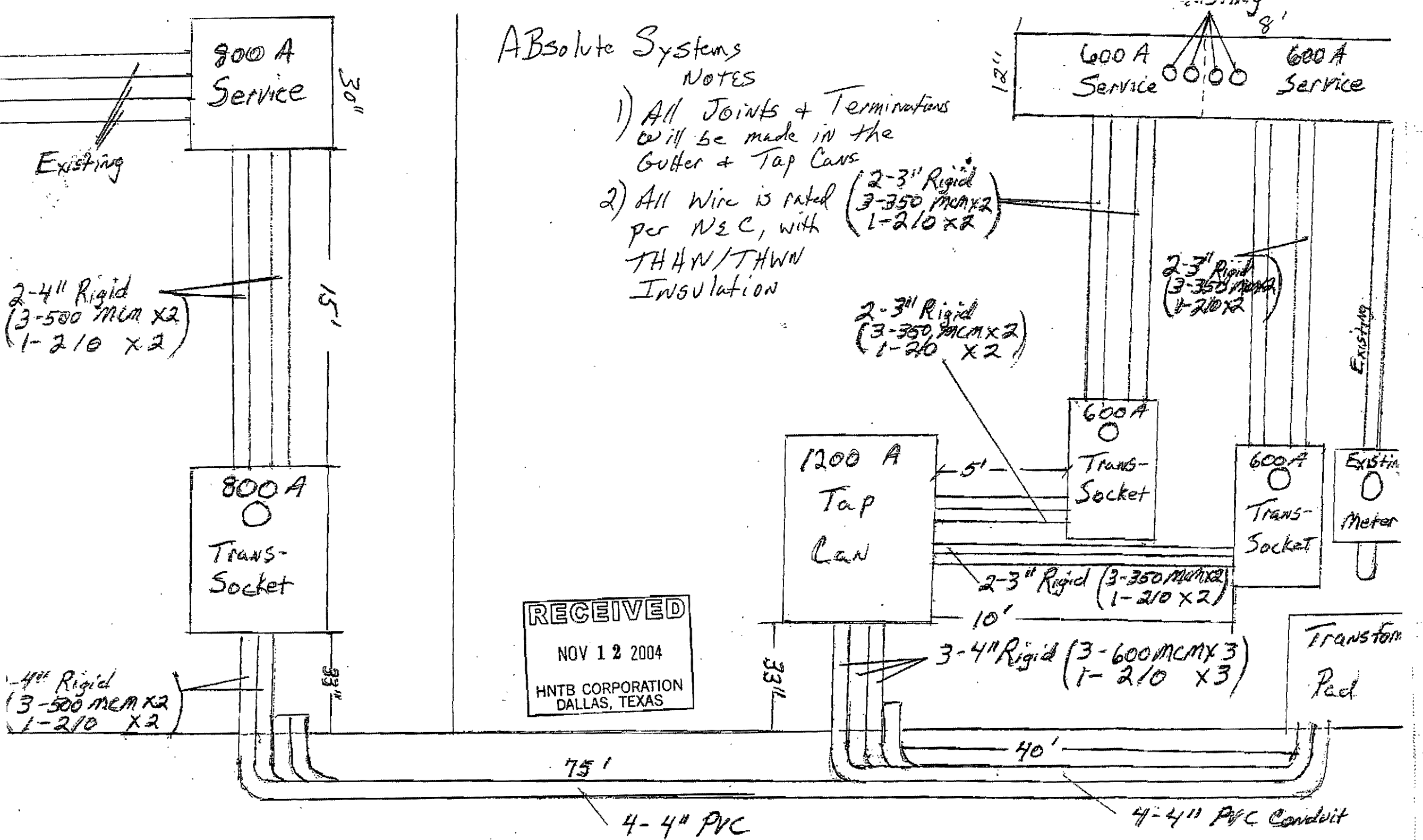
PLEASE NOTE:

As discussed with you in the field at Absolute System, the S & J Electrical Contractor is installing as per code a enclosure/ panel at the splice connections for the far east service and a gutter enclosure for the Westside connection. If there's any question, please feel free to contact me at anytime at 214-317-8274.

COPY TO:
File
Steve Chutchian, Town of Addison

BY: [Signature]

File



# ABSolute Systems

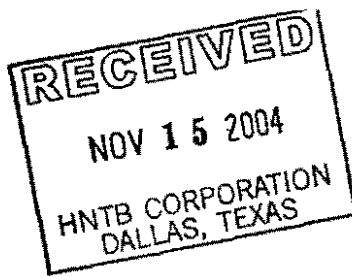
## NOTES

- 1) All Joints + Terminations will be made in the Gutter + Tap Cans
- 2) All Wire is rated per NEC, with TH4N/THWN INSULATION

**RECEIVED**  
 NOV 12 2004  
 HNTB CORPORATION  
 DALLAS, TEXAS



Archer Western  
Contractors



November 11, 2004

Letter: HNTB -20

HNTB  
5910 W Plano Parkway  
Suite 200  
Plano, Texas 75093  
Attn: Mr. Guy Van-Baulen

RE: Town of Addison  
Arapaho Road Phase III  
Project No. 04-22  
Stinger Modifications - PCO 25

Dear Guy:

The Town of Addison requested for modifications to the stinger and the geometry bents 9 and 10. The modifications to the stingers are detailed on the attached shop drawing from King Fabrication. In addition, we have enclosed pricing for 2 - 3/4" PVC conduits and Junction boxes in each bent for future facilities. Please find the attached PCO - 25 detailing the pricing.

If you require additional information, please contact our field office.

Sincerely,

Andrew Schneemann  
Asst. Project Manager

XC: Ben Withered  
Don Good  
File

Archer Western Contractors, LTD.

Town of Addison

CHANGE PROPOSAL SUMMARY

TO: HNTB  
5910 W Plano Parkway  
Plano, TX 75093

DATE: November 9, 2004  
PROJECT: Town of Addison  
PROJECT NO.: 204069  
PCO No. 25

ATTENTION: Guy Van Baulen

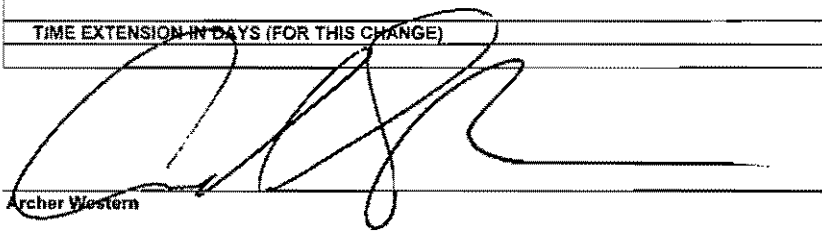
Description: Additional fabrication to Stringer and additional conduit in bents 9&10

A	TOTAL MATERIAL COST	\$	-	
B	TOTAL LABOR COST (Labor & Burden)	\$	-	
C	TOTAL EQUIPMENT COST	\$	-	
SUBTOTAL				\$0.00

E	SUBCONTRACTOR COST	\$	4,416.00	
SUBTOTAL				\$4,416.00

G	TOTAL DIRECT JOB COST			\$4,416.00
H	BOND & INSURANCE AT 2 %			\$88.32

TOTAL CHANGE PROPOSAL COST				\$4,504.32
TIME EXTENSION IN DAYS (FOR THIS CHANGE)				

  
Archer Western

  
Date

Approval

Subcontra

November 9, 2004

Town of Addison

204059

ITEM OF WORK: Additional fabrication to Stringer and additional conduit in bents 9&10

SUBCONTRACT	UNIT	EST. QTY.	UNIT PRICE	TOTAL
				\$ -
Extra Stinger Fabrication	EA	4	\$570.00	\$ 2,280.00
				\$ -
S&J Extra Conduit	LF	320	3	\$ 960.00
S&J Extra J Box	EA	4	150	\$ 600.00
				\$ -
				\$ -

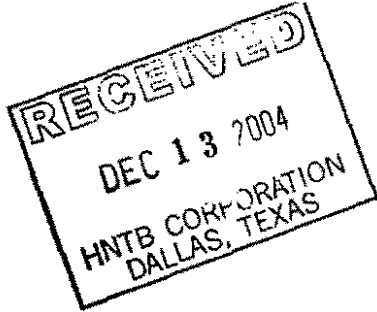
SUBTOTAL SUBCONTRACTOR COST \$ 3,840.00  
 COMPENSATION (SUBTOTAL SUB COST AT 15%) \$ 576.00  
 TOTAL SUBCONTRACTOR COST \$ 4,416.00

TOTAL COST OF ADDED ITEM  
 UNIT PRICE (TOTAL COST DIVIDED BY EST. QTY.) \$ -

Work Description:  
 Install 2 - 3/4" conduits for each stinger  
 Install Junction Box at each stinger



Archer Western  
Contractors



December 13, 2004

Letter: HNTB -23

HNTB  
5910 W Plano Parkway  
Suite 200  
Plano, Texas 75093  
Attn: Mr. Guy Van-Baulen

RE: Town of Addison  
Arapaho Road Phase III  
Project No. 04-22  
PCO 26 - O Ring Pipe for Line C  
PCO 26A - Flow Fill RCP Pipe

Dear Guy:

Per your request, please review the attached pricing below:

PCO 26 - O - Ring Pipe = \$23,995.97  
PCO 26A - Flow Fill Original RCP Pipe = \$35,105.54

The quantities cover the storm sewer line 'C' between the Jack and Bores under the RR track.  
Please let us know as soon as possible, so that we can continue working in this area.

If you require additional information, please contact Andrew at our field office.

Sincerely,

Andrew Schreemann  
Asst. Project Manager

Enclosure

XC: Ben Withered  
Don Good  
File

*Jerry Miller  
Steve Chisholm*



Archer Western Contractors, LTD.

Town of Addison

CHANGE PROPOSAL SUMMARY

TO: HNTB  
5910 W Plano Parkway  
Plano, TX 75093

DATE: December 13, 2004  
PROJECT: Town of Addison  
PROJECT NO.: 204059  
PCO No. 26A

ATTENTION: Guy Van Baulen

Description: FLOW FILL RCP AT LINE C BETWEEN JACK AND BORES UNDER RR TRACK

A	TOTAL MATERIAL COST	\$	-		
B	TOTAL LABOR COST (Labor & Burden)	\$	-		
C	TOTAL EQUIPMENT COST	\$	-		
SUBTOTAL				\$0.00	
E	SUBCONTRACTOR COST	\$	-		
SUBTOTAL				\$0.00	
F	UNIT PRICE COST	\$	34,417.20	\$34,417.20	
G	TOTAL DIRECT JOB COST				\$34,417.20
H	BOND & INSURANCE AT 2 %				\$688.34

TOTAL CHANGE PROPOSAL COST			\$35,105.54
TIME EXTENSION IN DAYS (FOR THIS CHANGE)			

*[Handwritten Signature]*  
Archer Western

12/13/04  
Date

Approval \_\_\_\_\_

Town of Addison

204059

December 13, 2004

ITEM OF WORK:

FLOW FILL RCP AT LINE C BETWEEN JACK AND  
BORES UNDER RR TRACK

UNIT PRICE	UNIT	EST. QTY.	UNIT COST	UNIT OH&P(15%)	UNIT PRICE	TOTAL
						\$ -
FLOW FILL RCP PIPE	CY	400	\$ 74.82	\$ 11.22	\$ 86.04	\$ 34,417.20
						\$ -

TOTAL UNIT PRICE COST

\$ 34,417.20

Work Description:

**Archer Western Contractors, LTD.**

Town of Addison

**CHANGE PROPOSAL SUMMARY**

TO: HNTB  
5910 W Plano Parkway  
Plano, TX 75093

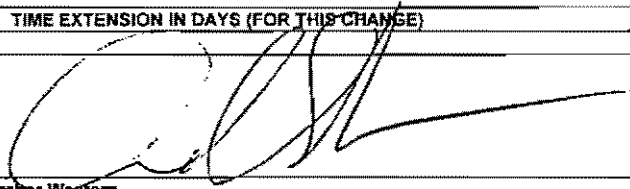
DATE: December 13, 2004  
 PROJECT: Town of Addison  
 PROJECT NO.: 204069  
 PCO No. 26

ATTENTION: Guy Van Baulen

Description: O RING PIPE FOR LINE 'C' BETWEEN JACK AND BORE'S UNDER TRACK

A	TOTAL MATERIAL COST	\$	-	
B	TOTAL LABOR COST (Labor & Burden)	\$	-	
C	TOTAL EQUIPMENT COST	\$	-	
SUBTOTAL				\$0.00
E	SUBCONTRACTOR COST	\$	-	
SUBTOTAL				\$0.00
F	UNIT PRICE COST	\$	79,207.40	
				\$79,207.40
G	TOTAL DIRECT JOB COST			
				\$79,207.40
H	BOND & INSURANCE AT 2 %			
				\$1,584.15

TOTAL CHANGE PROPOSAL COST	\$80,791.55
AS BID RCP PRICING FOR EQUAL PORTION OF LINE C	\$56,795.58
NET ADDITION TO CONTRACT	\$23,995.97
TIME EXTENSION IN DAYS (FOR THIS CHANGE)	

  
 Archer Western

12/13/04  
 Date

Approval

December 13, 2004

Town of Addison

204059

ITEM OF WORK:

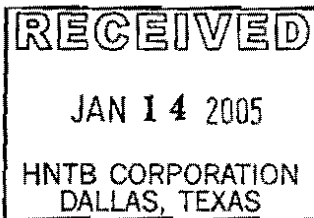
O RING PIPE FOR LINE 'C' BETWEEN JACK AND BORE'S UNDER TRACK

UNIT PRICE	UNIT	EST. QTY.	UNIT COST	UNIT OH&P(15%)	UNIT PRICE	TOTAL
						\$ -
30" O-RING PIPE	LF	218	\$ 82.12	\$ 12.32	\$ 94.44	\$ 20,587.48
24" O-RING PIPE	LF	524	\$ 66.12	\$ 9.92	\$ 76.04	\$ 39,843.91
21" O-RING PIPE	LF	231	\$ 61.16	\$ 9.17	\$ 70.33	\$ 16,247.15
RELOAD AND RESTOCK RCP	LS	1	\$ 2,199.00	\$ 329.85	\$ 2,528.85	\$ 2,528.85
						\$ -
						\$ -

TOTAL UNIT PRICE COST

\$ 79,207.40

Work Description:



January 14, 2005

Letter: HNTB -29

HNTB  
5910 W Plano Parkway  
Suite 200  
Plano, Texas 75093  
Attn: Mr. Guy Van-Baulen

RE: Town of Addison  
Arapaho Road Phase III  
Project No. 04-22  
PCO #29 - Message Boards Daily Rate

Dear Guy:

Archer Western is submitting the following price for the Daily use of a Portable Changeable Message Board; the price is based on TxDot's 12 months Average Bid Price.

Item No.	New Bid Item	Qty	Unit	Unit Price	Total
1	Portable Changeable Message Board	1	Day	\$ 135	\$ 135

We will calculate the number of days on the Monthly Pay Estimate.

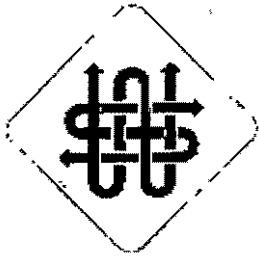
If you require additional information, please contact Andrew at our field office.

Sincerely,

Andrew Schneemann  
Asst. Project Manager

Enclosure

XC: Ben Withered  
Don Good  
File



# WHITLEY & SIDDON'S

## CONSTRUCTION INFORMATION

### State: TX - 12 Month Average Bid Price Results

Select a Dist Here

Item	Description	Units	Dist	Occ	Total Quantities	Avg. Eng. Estimate	Avg. Lowbid	Weighted Average	Updated
+ 66700501	PORT CHANGE MES SGN (TYPE I)	DAY	ALL	29	9,002.000	133.491	125.634	75.230	12/23/2004
+ 66700502	PORT CHANGE MES SGN (TYPE II)	DAY	ALL	53	12,153.000	134.674	134.827*	78.549	12/23/2004
+ 66700503	PORT CHANGE MES SGN (TY I OR TY II)	DAY	ALL	57	21,072.000	136.024	141.143	50.005	12/23/2004

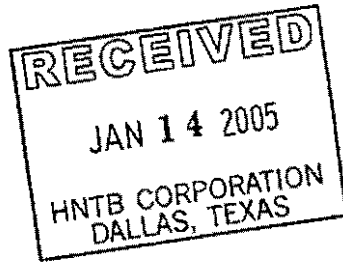
**Total Quantities** = Sum of all the quantities in all the occurrences of that bid item.

**Avg Lowbids** are the averages of all the low bidders prices on this item.

**Weighted Avg** = (Sum of all (Quantities \* Prices)) / (Sum of all Quantities)

The weighted average takes quantities into consideration in determining the average, so as the quantities increase, the price moves towards this figure.

[www.WhitleySiddons.com](http://www.WhitleySiddons.com)  
 Information / Help at  
[support@WhitleySiddons.com](mailto:support@WhitleySiddons.com)  
 (512) 477-9491



January 14, 2005

Letter: HNTB -28

HNTB  
5910 W Plano Parkway  
Suite 200  
Plano, Texas 75093  
Attn: Mr. Guy Van-Baulen

RE: Town of Addison  
Arapaho Road Phase III  
Project No. 04-22  
PCO #28 - 12" Waterline Relocation at Surveyor

Dear Guy:

Archer Western is submitting the following prices for the Relocation of the 12" waterline. We have included an option to install isolation gate valves or cap end and tie in later.

Item No.	New Bid Item	Qty	Unit	Unit Price	Total
1	Install Isolation Valve	2	EA	\$ 2,861.53	\$ 5,723.07
2	Relocate Building Service	1	LS	\$ 1,485.02	\$ 1,485.02
3	DLB 12" C-909 Pipe	70	LF	\$ 162.07	\$ 11,344.96
4	Install 12" Caps	4	EA	\$ 782.68	\$ 3,130.74
5	Tie in after Testing	2	EA	\$ 1,690.88	\$ 3,381.76
6	Remove and Replace Concrete	6	SY	\$ 146.23	\$ 877.40

The prices include 15% OH&P and 2% Insurance & Bonds.

We have included pricing for 2 tie-in options.

Option 1 is installing 12" gate valves to isolate the line. (bid Item 1)  
Option 2 is installing caps on the new and existing pipe, then connecting the pipe together after testing (bid Item 4 & 5)

Please direct which Option we are to use.

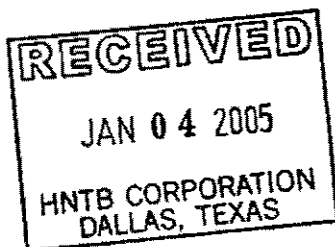
If you require additional information, please contact Andrew at our field office.

Sincerely,

Andrew Schneemann  
Asst. Project Manager

Enclosure

XC: Ben Withered  
Don Good  
File



January 4, 2005

Letter: HNTB -27

HNTB  
5910 W Plano Parkway  
Suite 200  
Plano, Texas 75093  
Attn: Mr. Guy Van-Baulen

RE: Town of Addison  
Arapaho Road Phase III  
Project No. 04-22  
PCO #7 - Revised Plan Sheets 9/7/04

Dear Guy:

Archer Western is submitting the following prices for the additional work not covered by current bid items.

New Bid Item	Qty	Unit	Unit Price	Total
Dirt Mounds Over TXU Conduit	1	LS	\$ 1,376.57	\$ 1,376.57
Curb and Gutter W/ Slotted Drain	190	LF	\$ 209.09	\$ 39,726.58
Curb and Gutter	126	LF	\$ 51.13	\$ 6,442.51
RCB Lateral Tie in	2	EA	\$ 1,246.98	\$ 2,493.96
Demo and Replace Existing Concrete Around Inlets	19	SY	\$ 141.03	\$ 2,679.57
Demo and Replace Existing Asphaly Around Inlets	5	SY	\$ 121.29	\$ 606.44
6" CRCP	5332	SY	\$ 28.15	\$ 150,106.46

The prices include 15% OH&P and 2% Insurance & Bonds.

If you require additional information, please contact Andrew at our field office.

Sincerely,

  
Andrew Schneemann  
Asst. Project Manager

Enclosure

XC: Ben Withered  
Don Good  
File