

PSI

**STANDARD UTILITY AGREEMENT  
SUPPLEMENTAL AGREEMENT No. 1 TO RM 620-Atmos Energy**

This Supplemental Agreement is made pursuant to the terms and conditions of the Agreed entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (**the "County"**) and Atmos Energy Corporation. (**the "Utility"**) and shall be effective upon the date of acceptance and execution by and on behalf of the **County**.

**Whereas**, the **County** and **Utility** executed a Standard Utility Agreement on 3/28/2012, concerning the adjustment, relocation, or removal of certain of **Utility's** facilities;

**Whereas**, said Standard Utility Agreement limits the required scope of work and/or the amount of eligible reimbursement;

**Whereas**, due to the newly discovered information by the **Utility** deemed sufficient by the **County**, the **County** and **Utility** agree that supplementation to the Standard Utility Agreement is necessary; and

**Whereas**, the statement of work contained in the Standard Utility Agreement shall be supplemented to include: additional costs incurred due to installation by bore instead of open-cut due to field conditions and a service line installed by approved change order, which is more specifically shown in **Utility's** plans, specifications, estimated costs and schedule which are attached to this supplemental agreement as Attachment "A".

**Now, Therefore, Be It Agreed:**

The statement of work contained in the Standard Utility Agreement is supplemented to include the additional adjustment, relocation or removal found in Attachment "A".

The estimated cost of the adjustment, relocation or removal is **increased** by **\$180,280.94** for a total of **\$450,210.07**. The parties agree that the approval of estimated costs in no way indicates the eligibility of said costs for reimbursement.

All conditions and agreements contained in the Standard Utility Agreement except those specifically included in this document remain in effect.

**STANDARD UTILITY AGREEMENT**  
**SUPPLEMENTAL AGREEMENT No 1 TO RM 620-Atmos Energy**  
(con't.)

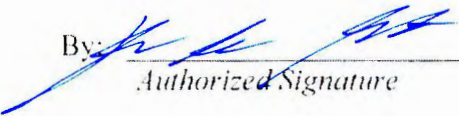
The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

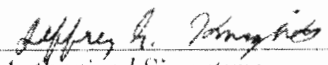
**IN WITNESS WHEREOF**, the parties hereto have affixed their signatures.

**UTILITY**

**WILLIAMSON COUNTY**

Utility: Atmos Energy Corporation  
Name of Utility

By:   
Authorized Signature

By:   
Authorized Signature  
Jeffrey S. Knights

Dan A. Gattis  
Print or Type Name

Title: Vice President

Title: Williamson County Judge

Date: 8/11/15

Date: 10-29-2015

## ATTACHMENT "A"

### Plans and Estimates:

#### Summary

|                          |                                                |
|--------------------------|------------------------------------------------|
| Original Cost            | \$269,929.13 (See Original Plans and Estimate) |
| Supplemental Cost        | <u>\$180,280.94</u>                            |
| Subtotal                 | \$450,210.07 (See Final Invoice)               |
| Eligibility 26.57%       | <u>\$119,620.82</u>                            |
| Total Reimbursement Cost | \$119,620.82                                   |

*ASH*  
*8/11/15*



## COST ANALYSIS SHEET

Project: 80 36538  
 Description: RM 620 RELOCATE  
 Eligibility Ratio: 26.57%  
 Agreement ID:  
 Invoice No:  
 As of Date: 20-Dec-12

|                                                         | Actual              | Estimated           |
|---------------------------------------------------------|---------------------|---------------------|
| <b><u>New Construction Cost</u></b>                     |                     |                     |
| Install Contractor                                      | \$260,975.42        | \$102,786.40        |
| Install Contractor (Service Line 080 33152)             | \$13,368.00         | \$0.00              |
| ROW Agent                                               | \$3,341.72          | \$2,875.00          |
| Survey Costs                                            | \$0.00              | \$3,220.00          |
| Environmental Expense                                   | \$605.00            | \$9,428.00          |
| Engineering Expense                                     | \$42,882.66         | \$30,840.70         |
| Other Contract Expense (Inspection, Lab)                | \$0.00              | \$0.00              |
| Contractor Expense                                      | \$321,072.80        | \$149,150.10        |
| Labor-Company                                           | \$12,531.46         | \$15,525.00         |
| Materials                                               | \$41,081.53         | \$15,080.27         |
| Transportation-Company                                  | \$0.00              | \$0.00              |
| Miscellaneous Company Expense                           | \$0.00              | \$0.00              |
| <b><u>Total New Construction Cost</u></b>               | <b>\$374,685.79</b> | <b>\$179,755.37</b> |
| Indirect Construction Overhead                          | \$72,392.94         | \$90,173.76         |
| Indirect Construction Overhead (Service Line 080 33152) | \$2,505.88          | \$0.00              |
| <b>Overheads</b>                                        | <b>\$74,898.82</b>  | <b>\$90,173.76</b>  |
| <b>AFUDC</b>                                            | <b>\$625.46</b>     | <b>\$0.00</b>       |
| <b>Sub-Total</b>                                        | <b>\$450,210.07</b> | <b>\$269,929.13</b> |
| <b>Total CWIP Charges in Project</b>                    | <b>\$450,210.07</b> | <b>\$269,929.13</b> |
| <b>Interest Carrying Cost</b>                           | <b>\$0.00</b>       | <b>\$0.00</b>       |
| <b>Franchise Fee</b>                                    | <b>\$0.00</b>       | <b>\$0.00</b>       |
| <b>Total Cost of Project</b>                            | <b>\$450,210.07</b> | <b>\$269,929.13</b> |
| <b>Less Previous CWIP Payment</b>                       | <b>\$0.00</b>       |                     |
| <b>Less Interest Carrying Cost Payment</b>              | <b>\$0.00</b>       |                     |
| <b>Less Franchise Fee Payment</b>                       | <b>\$0.00</b>       |                     |
| <b>26.57 Percent Reimbursable</b>                       | <b>\$119,620.82</b> | <b>\$71,720.17</b>  |
| <b>Total Remaining Amount Due</b>                       | <b>\$119,620.82</b> |                     |

FINAL

## **ATTACHMENT “A”**

**Original Plans and Estimates:**

**See Attached**

ORIGINAL

**TXDOT PROJECT COST ESTIMATE**  
**RM 620 at Comerwood Dr.**  
**Round Rock, TX**  
**Completed by: David Bul (UEI)**  
**March 22, 2012**

**Complete Project**  
**Ballpark Estimate Basis**

**MATERIAL**

| Qty   | Unit | Description                                                  | Unit Cost           |                    |
|-------|------|--------------------------------------------------------------|---------------------|--------------------|
| 2,240 | Feet | P.P.E. POLY, 6" PE 2406, SDR 11, 40 FT JOINTS                | \$ 5.24 /foot       | \$11,737.60        |
| 160   | Each | P.P.E. 10.75' x 0.188" WT, API 5L X42 ERW DRL. BARE (CASING) | \$ 13.66 /each      | \$2,185.60         |
| 2     | Feet | E.L. BF. 6.625', 90 DEG, PE 2406, SDR 11                     | \$ 28.75 /foot      | \$57.50            |
| 2     | Each | E.L. BF. 6.625', 45 DEG, PE 2406, SDR 11                     | \$ 27.60 /each      | \$55.20            |
| 2     | Each | CAP. BF. 0.625', PE 2406, SDR 11                             | \$ 23.00 /each      | \$46.00            |
| 3     | Each | TEE STRAIGHT, BF. 6.625' PE 2406, SDR 11                     | \$ 41.40 /each      | \$124.20           |
| 4     | Each | MARKER BALL                                                  | \$ 8.61 /each       | \$35.24            |
| 6     | Feet | #12 YELLOW COPPER WIRE                                       | \$ 45.00 /500' roll | \$225.00           |
| 5     | Each | ANODE TEST STATION                                           | \$ 16.54 /each      | \$82.70            |
| 4     | Each | PIPELINE MARKERS                                             | \$ 23.00            | \$92.00            |
|       |      | Stores Loading                                               | 3%                  | \$439.23           |
|       |      | Shipping/Transportation                                      | 0%                  | \$0.00             |
|       |      | State Sales Tax                                              | 0.00%               | \$0.00             |
|       |      | <b>TOTAL MATERIAL COSTS</b>                                  |                     | <b>\$15,080.27</b> |

**COMPANY LABOR**

|           |                                     |                |                    |
|-----------|-------------------------------------|----------------|--------------------|
| 160 hours | Operations                          | \$ 51.75 /hour | \$8,280.00         |
| 60 hours  | Engineering/Construction Management | \$ 51.75 /hour | \$3,105.00         |
| 40 hours  | Right-of-Way                        | \$ 51.75 /hour | \$2,070.00         |
| 40 hours  | Environmental - Review and Mgt      | \$ 51.75 /hour | \$2,070.00         |
|           | <b>TOTAL COMPANY LABOR COSTS</b>    |                | <b>\$15,525.00</b> |

**RIGHT-OF-WAY**

|             |                                                   |                   |                   |
|-------------|---------------------------------------------------|-------------------|-------------------|
| 0.0 sq. ft. | New Acquisition                                   | \$ 17.25 /sq. ft. | \$0.00            |
| 0 sq. ft.   | Temporary Workspace                               | \$ 5.75 /sq. ft.  | \$0.00            |
| 5 day       | Contract ROW Agent                                | \$ 575.00 /day    | \$2,875.00        |
|             | <b>TOTAL R-O-W COSTS (payments to landowners)</b> |                   | <b>\$2,875.00</b> |

**CONSTRUCTION**

|           |                                                                                                                                                                                                                                                                    |                      |                     |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| 2212.0 ft | Base Cost for 6" Poly Construction (Approx. 1953' of 6" poly pipeline installed by open cut and approximately 259' of 6" poly pipeline installed by bore, includes, but not limited to stringing, fusing, drilling, putback, trenching, air testing and back fill) | \$ 32.20 /ft*        | \$71,225.40         |
| 144.0     | Base Cost for 10" Steel Casing Installation                                                                                                                                                                                                                        | \$ 115.00 /ft*       | \$16,560.00         |
| 0.0       | Base Cost for 6" Poly Removal                                                                                                                                                                                                                                      | \$ 32.20 /ft*        | \$0.00              |
| 1.0       | Base Cost for Tree Removal                                                                                                                                                                                                                                         | \$ 15,000.00 /tree** | \$15,000.00         |
|           | <b>TOTAL CONSTRUCTION COSTS (per scope of work)</b>                                                                                                                                                                                                                |                      | <b>\$102,785.40</b> |

**CONTRACT EXPENSE**

|           |                                      |                   |                    |
|-----------|--------------------------------------|-------------------|--------------------|
| 0 day     | X-ray - not required for Poly        | \$ 2,242.50 /day  | \$0.00             |
| 10 hours  | Project Director                     | \$ 166.75 /hour   | \$1,667.50         |
| 80 hours  | Project Manager                      | \$ 129.80 /hour   | \$10,384.00        |
| 60 hours  | Senior Engineer                      | \$ 98.90 /hour    | \$5,934.00         |
| 120 hours | Senior Drafter / Mapper              | \$ 89.70 /hour    | \$10,764.00        |
| 6 hours   | Assistance with Material Procurement | \$ 98.90 /hour    | \$591.20           |
| 20 hours  | Project Controller / Administrator   | \$ 69.00 /hour    | \$1,380.00         |
| 0 day     | 3rd Party Inspection                 | \$ 1,345.50 /day  | \$0.00             |
| 8 week    | Environmental Inspection             | \$ 1,178.50 /week | \$9,428.00         |
| 2 day     | Survey (Pipeline Centerline Staking) | \$ 1,610.00 /day  | \$3,220.00         |
|           | <b>TOTAL CONTRACT EXPENSE COSTS</b>  |                   | <b>\$43,488.70</b> |

**TOTAL DIRECT COSTS** **\$179,755.37**

**Indirect**

|                                                           |        |                    |
|-----------------------------------------------------------|--------|--------------------|
| Indirect Construction Overheads (applied to direct costs) | 46.33% | \$83,280.66        |
| Labor Overheads (applied to labor costs only)             | 44.40% | \$6,893.10         |
| <b>TOTAL INDIRECT COSTS</b>                               |        | <b>\$90,173.76</b> |

**Other**

|                                                           |    |               |
|-----------------------------------------------------------|----|---------------|
| Franchise Fee Amount (applied to direct & indirect costs) | 0% | \$0.00        |
| <b>TOTAL OTHER</b>                                        |    | <b>\$0.00</b> |

**TOTAL ESTIMATED PROJECT COSTS** **\$269,929.13**

**Assumptions/Comments**

- Majority of project located inside TXDOT ROW and does not require easement/workspace purchase
- Crossing beneath RM 620 to be cased
- Existing gas pipeline shall be abandoned in place from approximate RM 620 Road Station 310+00 through 321+50
- Construction to be bid as a turn-key price per foot unit cost. Final payment shall be based on amount of winning bid
- \*Existing trees shall be removed to facilitate gas pipeline relocation from approximate RM 620 Road Station 310+34 through 321+25
- Approximately 574 feet of the total 2,160 feet of existing pipe located within the proposed road right-of-way to be relocated is presently located within a dedicated Public Utility easement, which makes that portion of the project eligible for reimbursement. This represents 26.57% of the total pipe, which will be eligible for reimbursement. The estimated amount of reimbursement is \$71,720.19

# GAS UTILITY LOCATION PLAN

PROPOSED GAS PIPELINE RELOCATION

RM 620

6" POLY REPLACEMENT

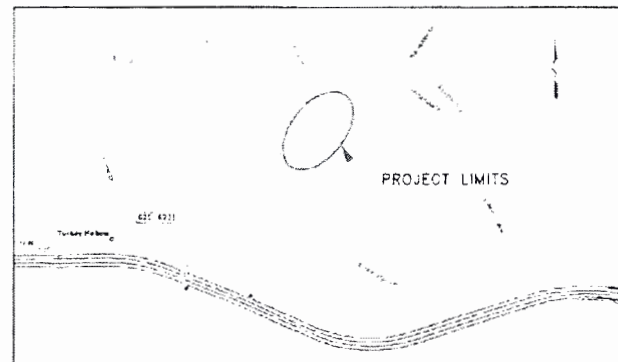
WILLIAMSON COUNTY, TEXAS



OWNER: ATMOS ENERGY

5420 LBJ FREEWAY

DALLAS, TEXAS 75240



RE-ISSUED FOR BID

Drawn by: J. L. HARRIS  
Checked by: J. L. HARRIS  
Date: 11/11/11

THIS DRAWING IS THE PROPERTY OF ATMOS ENERGY. IT IS TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF ATMOS ENERGY.

ATMOS energy



GAS UTILITY RELOCATION  
RM 620 - 6" POLY REPLACEMENT  
FROM 1200' W. OF CORNERWOOD DR.  
TO 1200' E. OF WYOMING SPRINGS DR.  
COVER SHEET - INDEX

WILLIAMSON COUNTY

TEXAS

REFERENCE DRAWINGS

NO. 1

NO. 2

NO. 3

NO. 4

NO. 5

NO. 6

NO. 7

NO. 8

NO. 9

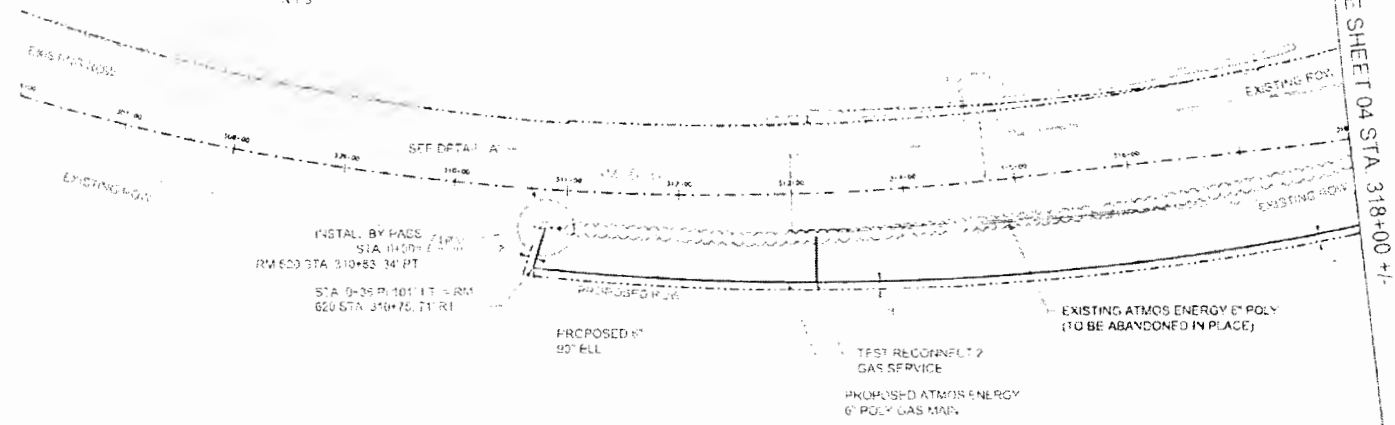
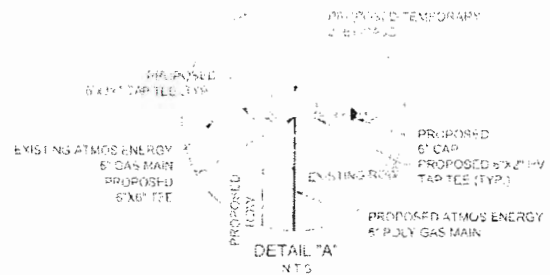
NO. 10

NO. 11

NO. 12







NOTE: TOP OF PIPE TO BE  
4" MINIMUM DEPTH IN OPEN CUT AREAS  
5" MINIMUM DEPTH IN BORE AREAS

**RE-ISSUED FOR BID**

THIS DRAWING IS A RE-ISSUE OF THE ORIGINAL DRAWING. IT IS THE RESPONSIBILITY OF THE USER TO OBTAIN THE ORIGINAL DRAWING FOR A COMPLETE UNDERSTANDING OF THE PROJECT. ANY CHANGES TO THE ORIGINAL DRAWING WILL BE INDICATED BY A REVISION TABLE.

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|                                                                                                                                                             |  |  |                                                                                                                |  |  |                                                                                                                                                                    |  |  |                                                                                                                                          |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>REFERENCE DRAWINGS</b><br>UTM 403780 (2004) COVER SHEET PLAN<br>UTM 403780 (2004) GENERAL NOTES - PRELIMINARY DATA<br>UTM 403780 (2004) COVER SHEET PLAN |  |  | <b>REVISIONS</b><br>NO. DATE REVISION BY<br>1 10/1/04 RE-ISSUED FOR BID JAV<br>2 10/1/04 RE-ISSUED FOR BID JAV |  |  | <b>ATMOS ENERGY</b><br>PROJECT: GAS UTILITY RELOCATION<br>FROM 1200' W. OF CORNERWOOD DR.<br>TO 1200' E. OF WYOMING SPRINGS DR.<br>PLAN<br>WILLIAMSON COUNTY TEXAS |  |  | <b>DESIGNER</b><br>NAME: JERRY GARCIA<br>TITLE: PROJECT ENGINEER<br>DATE: 10/1/04<br>SCALE: AS SHOWN<br>DRAWING NO.: 101-1403780-100-102 |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------------------------------------------------------------------------------------------------------|--|--|



RE-ISSUED FOR BID

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ATMOS ENERGY CORPORATION  
10000 W. 120TH AVENUE  
DENVER, CO 80231  
303.440.1000  
WWW.ATMOSENERGY.COM

ATMOS  
energy

| DATE     | DESCRIPTION    | BY         | CHKD       |
|----------|----------------|------------|------------|
| 08/11/10 | ISSUED FOR BID | WILLIAMSON | WILLIAMSON |
| 08/11/10 | ISSUED FOR BID | WILLIAMSON | WILLIAMSON |
| 08/11/10 | ISSUED FOR BID | WILLIAMSON | WILLIAMSON |
| 08/11/10 | ISSUED FOR BID | WILLIAMSON | WILLIAMSON |

VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION IN THIS AREA. FIELD ADJUST AS REQUIRED TO AVOID CONFLICTS.

INSTALL TEMPORARY 4" PHASE BORE IN LATERAL STA 0+00 RM 620 STA 325+22.108 RT  
PI 45+11 STA 0+05 RM 620 STA 325+22.108 RT  
PI 45+11 STA 0+12 RM 620 STA 325+22.108 RT

EXISTING ATMOS ENERGY 6" POLY TO BE ABANDONED IN PLACE. SEE NOTE NO. 2 BELOW.

PROPOSED ATMOS ENERGY 6" POLY MAIN WITH STEEL PAVING (144" BORE) SEE SECTION ON SHEET 1005.

PI 45+11 STA 0+05 RM 620 STA 325+22.108 RT  
PI 45+11 STA 0+12 RM 620 STA 325+22.108 RT

EXISTING ATMOS ENERGY 6" POLY TO BE ABANDONED IN PLACE.  
EXISTING TREES REQUIRE GAS PIPELINE INSTALLATION VIA APPROVED BORE METHOD WITHIN TREE DRIP LINES FROM STA. 328+65 TO STA. 329+81 (87 RT).

PI 0+134+11 STA 17+57.39 RM 620 STA 329+99.0, 87 RT

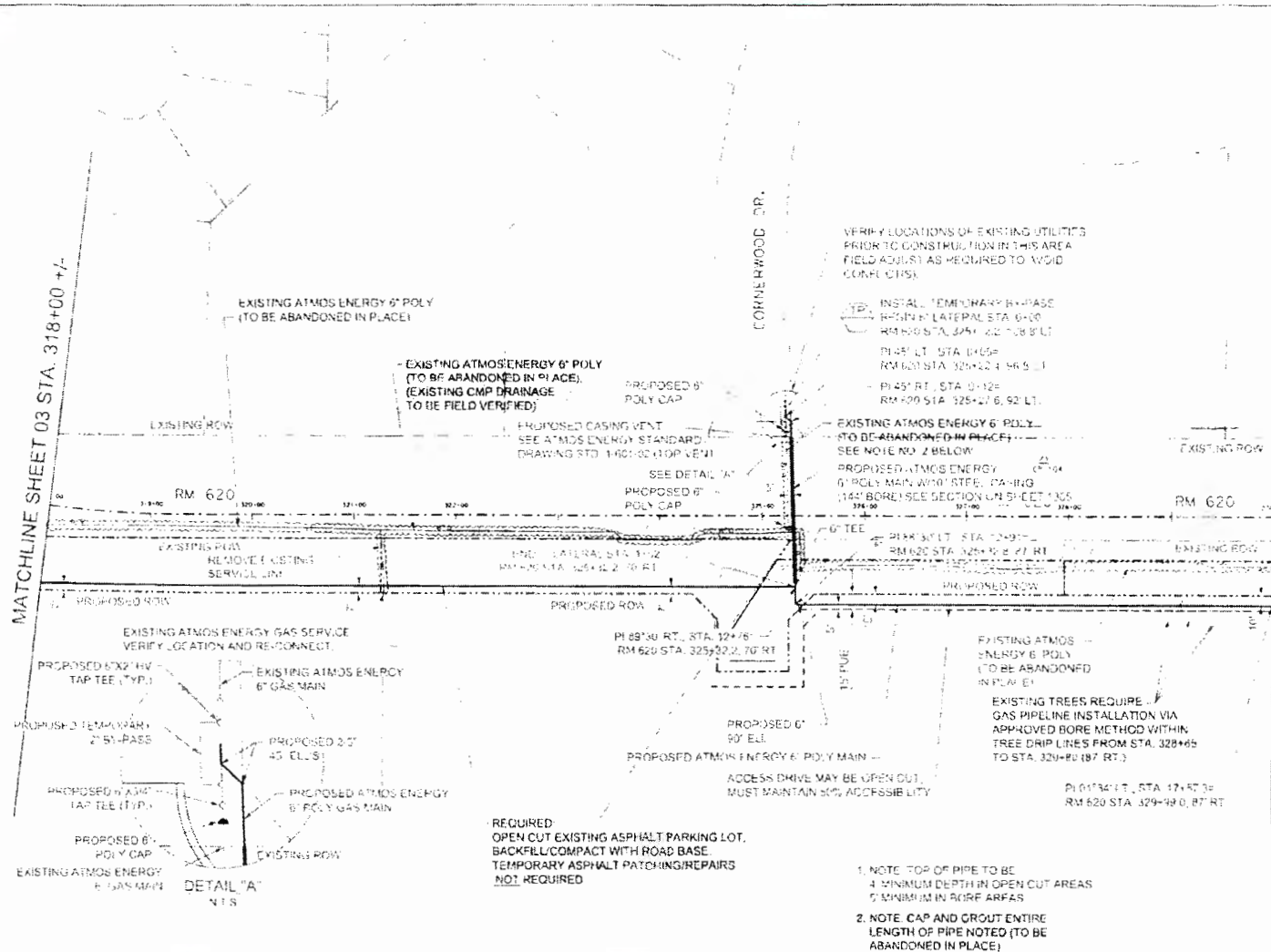
PROPOSED ATMOS ENERGY 6" POLY MAIN - ACCESS DRIVE MAY BE OPEN CUT, MUST MAINTAIN 50% ACCESSIBILITY

REQUIRED OPEN CUT EXISTING ASPHALT PARKING LOT, BACKFILL/COMPACT WITH ROAD BASE. TEMPORARY ASPHALT PATCHING/REPAIRS NOT REQUIRED.

- NOTE: TOP OF PIPE TO BE
- NOTE: CAP AND GROUT ENTIRE LENGTH OF PIPE NOTED (TO BE ABANDONED IN PLACE)

MATCHLINE SHEET 03 STA. 318+00 +/-

MATCHLINE SHEET 05 STA. 330+00 +/-



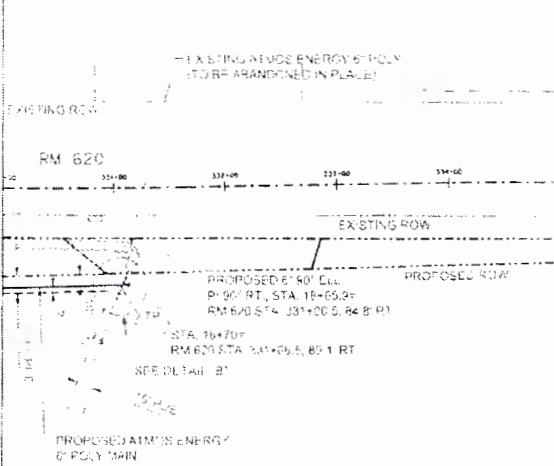
| NO. | DESCRIPTION    | DATE     | BY         | CHKD       |
|-----|----------------|----------|------------|------------|
| 1   | ISSUED FOR BID | 08/11/10 | WILLIAMSON | WILLIAMSON |
| 2   | ISSUED FOR BID | 08/11/10 | WILLIAMSON | WILLIAMSON |
| 3   | ISSUED FOR BID | 08/11/10 | WILLIAMSON | WILLIAMSON |
| 4   | ISSUED FOR BID | 08/11/10 | WILLIAMSON | WILLIAMSON |
| 5   | ISSUED FOR BID | 08/11/10 | WILLIAMSON | WILLIAMSON |



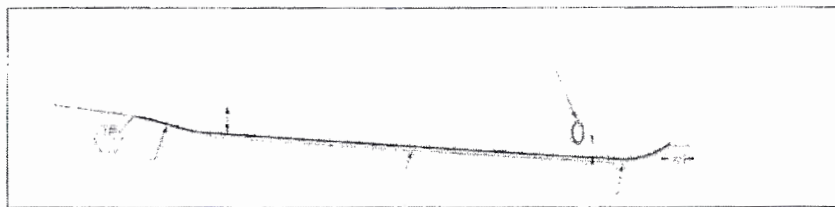
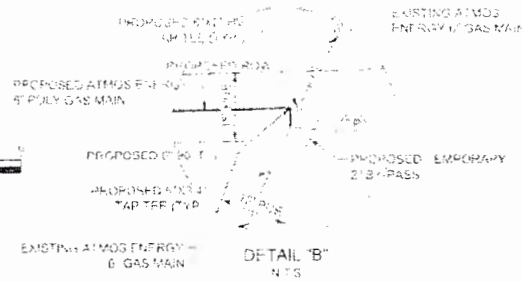
GAS UTILITY RELOCATION  
RM 620 - 6" POLY REPLACEMENT  
FROM 1200' W. OF CORNERWOOD DR.  
TO 1200' E. OF WYOMING SPRINGS DR.  
PLAN

| DATE     | DESCRIPTION    | BY         | CHKD       |
|----------|----------------|------------|------------|
| 08/11/10 | ISSUED FOR BID | WILLIAMSON | WILLIAMSON |
| 08/11/10 | ISSUED FOR BID | WILLIAMSON | WILLIAMSON |
| 08/11/10 | ISSUED FOR BID | WILLIAMSON | WILLIAMSON |
| 08/11/10 | ISSUED FOR BID | WILLIAMSON | WILLIAMSON |

MATCHLINE SHEET 04 STA. 330+00.00



1. NOTE: TOP OF PIPE TO BE 4' MINIMUM DEPTH IN OPEN CUT AREAS, 6' MINIMUM IN BORE AREAS.
2. NOTE: CAP AND GRG TAP PIPE LENGTH OF PIPE NOTED TO BE ABANDONED IN PLACE.



PLAN CROSSING SECTION  
SCALE: 1\"/>

RE-ISSUED FOR BID

THIS PROJECT WAS RE-ISSUED FOR BID ON 08/11/2011. THE REVISIONS ARE AS FOLLOWS:  
1. REVISION 1: CHANGED THE PROPOSED 6\"/>

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**Atmos**  
energy

|                    |               |                |
|--------------------|---------------|----------------|
| CONFIDENTIAL       | DATE 12/11/11 | BY W. J. BROWN |
| PROJECT RM 620 - 6 |               |                |
| REVISION 1         |               |                |
| APPROVED           | DATE 12/11/11 | BY W. J. BROWN |
| DATE 12/11/11      |               |                |

GAS UTILITY RELOCATION  
RM 620 - 6\"/>

WILLIAMSON COUNTY

TEXAS

DATE: 08/11/2011

| NO. | DATE       | DESCRIPTION    | BY  | CHKD | APPVD |
|-----|------------|----------------|-----|------|-------|
| 1   | 08/11/2011 | ISSUED FOR BID | WJB | WJB  | JTB   |
| 2   | 08/11/2011 | REVISION 1     | WJB | WJB  | JTB   |
| 3   | 08/11/2011 | REVISION 2     | WJB | WJB  | JTB   |
| 4   | 08/11/2011 | REVISION 3     | WJB | WJB  | JTB   |

REFERENCE DRAWINGS