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Chatham Ct Water Service
Replacement +



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Project Summary

Project Description Annual Water Service Line Replacement Program; formerly Waterford Park; first phase of replacing copper service lines in subdivision.		Project # 2005-02-28 Title Chatham Court Water Service Line Asset Type Water Mains / Fire Hydrants Department Utilities Budget Year 2005 Version Name Finance Adjusted Budget Status Finance Review Active <input checked="" type="checkbox"/>	
Version Description Adjusted by deleting salaries and ROW acq.		Project Comments Project number 53603 Charge expenditure to 61-716-xxxx-53603 Version Comments Salaries were deleted due to fact that employees were already paid from Utility fund.	
Project Forecast		Project Detailed 2005	
Year 2005	Total Expense 87,320	Total Revenue 0	Difference 87,320
Related Projects		Operating Budget Impact	
Project Description		Effective Date	Exp/(Rev)
Project Description		FTE Impact	Total Amount
Year Identified 2005		Est. Completion Date December 31, 2005	
Start Date January 26, 2005		Manager J Davis	
Project Partner		FTE Impact	

04/29/2005

Steve Chutchian

From: Jenny Nicewander
Sent: Tuesday, April 19, 2005 3:12 PM
To: 'Quinn Spann' (E-mail)
Cc: Steve Chutchian; Shanna Sims; Jim Pierce; Chris Terry
Subject: Chatum Court

Steve, Shanna and I just had a meeting on the timeline for the Chatum Ct project. Please let me know if this time frame works for you.

May 27 - 1st Advertisement
June 3 - 2nd Advertisement
June 7 - PreBid Meeting
June 14 - Bid Opening
June 28 - Council meeting - Award of Bid
July 12 - Pre Construction Meeting
July 25 - NTP

Quinn I'm going to grab the spec's I gave to Dave and mark up the insurance part of it and fax it over. Let me know about these dates or if you need anything else.

*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*

Steve Chutchian

From: Carolyn Burgett
Sent: Wednesday, March 23, 2005 9:02 AM
To: Steve Chutchian; Jenny Nicewander
Subject: Chatham Court Water Line

Steve and Jenny,
Randy asked me to let you know that the Chatham Court Water Line project number is 53603.

Carolyn Burgett
Accounting Manager
Town of Addison
972-450-7064
Fax 972-450-7065



GSWW, Inc.

11117 Shady Trail · Dallas, TX 75229
972.620.1255 , 972.620.8028 Fax

LETTER OF TRANSMITTAL

TO Jenny Nicewander, P.E.

 Town of Addison

 16801 Westgrove Dr.

 Addison, Texas 75001-9010

 972-450-2860

DATE: January 26, 2005	JOB NO: 1036-003
ATTENTION:	
RE: Waterford Park II, Phase I	
Water Service Line Replacement	
Bid No:	

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change Order _____

COPIES	DATE	NO.	DESCRIPTION
2	1/26/05		Signed contract

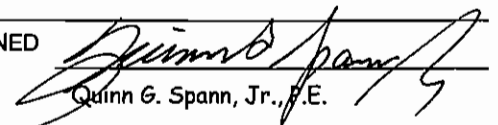
THESE ARE TRANSMITTED as checked below:

For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment

FOR BIDS DUE _____ 20 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED 
 Quinn G. Spann, Jr., P.E.

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

Jim,

Please sign and
return to me and
I will distribute
accordingly

Jimmy

SLG:nl

EXHIBIT "A"
(Section 1)
SCOPE OF ENGINEERING SERVICES
FOR
Waterford Park II, Phase I-Water Service Line Replacement (34 Long Services)
Along Chatham Ct., Chancey St., and Lakeway Ct.

PART IA: PROJECT DATA COLLECTION

- A. Obtain roadway, storm sewer, water & sanitary sewer as-builts from the Town of Addison.
- B. Review existing Town of Addison standards, specifications and special requirements regarding street and waterline construction.
- C. Meet with Town of Addison personnel to determine the extent of utility replacement and any other items.
- D. Meet with Town of Addison personnel to determine any special conditions that may affect project design and construction.

PART IB: PRELIMINARY DESIGN

- A. Utilize As-Built drawings, provided by the Town, of Waterford Park to use as a base drawing for existing conditions of paving, sidewalk, and water & sewer services. Sketch in mailboxes. (There will be no surveying topographics for this project, nor elevations.). Plot the overall sketch of curb, sidewalk, water & sanitary sewer plan view, 11" X 17" sheets. Drives and mailboxes will not be included in the sketch.
- B. Show approximate lot lines based upon As-Built plans of Westfield Court. The exact lot corners will not be field verified or located by a surveyor.
- C. Submit three sets of preliminary construction specification booklets at 65% and 95% for Town of Addison staff review and comments.
- D. Prepare and submit any special condition requirements.
- E. Prepare opinion of probable cost based on preliminary design.
- F. Maintain contact with the Town of Addison personnel during the project design.

PART IC: FINAL DESIGN

- A. Incorporate Town of Addison review comments into final design

- B. Prepare final quantity summary, which will only state the number of services to be replaced (one single bid item).
- C. Finalize any special conditions to the contract documents.
- D. Submit three sets of pre-final construction specification booklets, quantity of service replacements, opinion of probable cost and special conditions to Town of Addison staff for final review.
- E. Incorporate Town of Addison review comments of final design.
- F. Submit final plans, quantities, cost and special conditions to the Town of Addison

PART II: BIDDING PHASE

- A. Provide 15 sets of 8 ½” by 11” construction documents and specifications. The Town of Addison Finance Department will perform distribution of these documents.
- B. Provide a basic notice of bid advertisement. The Town of Addison will do advertisement.
- C. Open bid documents at the Town of Addison Finance Department, checking bids for accuracy, performing reference checks of the low bidder, and recommending award of contract.
- D. Prepare any addenda.

PART III: CONSTRUCTION PHASE

- A. Attend preconstruction meeting and provide responses to requests for information or clarification to the Town of Addison or contractor.
- B. Prepare any necessary change orders during construction.

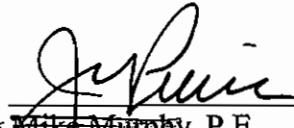
PART IV: SPECIAL SERVICES

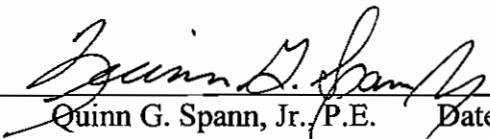
- A. Survey for design (none provided for this contract)
- B. Printing documents and courier cost

PART V: EXCLUSIONS

- A. Detail “item by item” quantity estimate
- B. Roadway design
- C. Water main or sanitary sewer design
- D. Surveying
- E. SWPPP
- F. Profiling existing utilities (Sanitary Sewer, Storm Drainage & Private Utilities etc.)
- G. Drainage Calculations or maps
- H. Traffic Control Plans
- I. Right-of-way parcel descriptions.
- J. Detailed construction staking.
- K. Full time construction inspection.
- L. Preparation of easement descriptions and exhibits.

- M. Internal inspection of sanitary sewer lines.
- N. Field location (Pot-holing) of water and sewer services or any other underground utility or service.
- O. Trench excavation safety plan.
- P. Sidewalk design.
- Q. Utility Locate Service
- R. Structural design of any kind
- S. HEC II & Hydraulic Studies
- T. Geotechnical reports (To be provided by the Contractor)


 JIM PERAZO
 ALTIMA
 Mike Murphy, P.E.
 Director of Public Works
 Town of Addison

 1/26/05
 Quinn G. Spann, Jr., P.E. Date
 Associate / Project Manager
 GSWW, Inc

(Section 2)

PAYMENT SCHEDULE

Payment for engineering services described under (Section 1) - Parts I, II, and III shall be on an hourly basis with the amount not to exceed, without prior written approval, Eleven Thousand Four Hundred and Eighty Dollars and Zero Cents (\$11,480.00).

The not to exceed amount for Part IV, Special Services is \$840.00.

The maximum overall fee established herein shall not be exceeded without written authorization from the Town of Addison, based on increased scope of services.

The following is a summary of the estimated charges for the various elements of the proposed services:

- Part IA: Project Data Collection
- Part IB: Preliminary Design
- Part IC: Final Design
- Part II: Bid Phase Services
- Part III: Construction Phase

Estimated Basic Services Subtotal: (Hourly) \$ 11,480.00

- Part IV: Special Services:
- a) Survey for Design (none) \$ 0.00
 - b) Printing & Courier \$ 840.00

Estimated Special Services Subtotal: (Time and Materials Costs Not to Exceed) \$ 840.00

Total Maximum Fee Not to Exceed \$ 12,320.00

(Section 3)

PROJECT COMPLETION SCHEDULE

Project Data Collection _____	1	weeks
Preliminary Design _____	7	weeks
Town of Addison Review _____	3	weeks
Final Design _____	4	weeks
Bidding _____	8	weeks
Construction/Utility Relocations _____	8	weeks

Total Estimated Completion Time 31 weeks

TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO

DATE: 4/16/05

Claim # _____

Check \$ 7738.85

Vendor No. _____

Vendor Name G.S.W.W.

Address 1117 SHADY TRAIL

Address DALLAS TX 75229


Address _____

Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(\$000,000.00)
1636-003	601	716		53603		7738.85

TOTAL ~~0.00~~
7738.85

EXPLANATION CHATUM CT/WATERFORD PK PROJECT
65% COMPLETE


Authorized Signature

Finance



GSWW, Inc.

Civil/Environmental Engineers ■ Planners
Dallas ■ Fort Worth ■ Midland ■ Austin

Predecessor Firms: Gutierrez, Smouse, Wilmut & Assoc., Inc.
Washington & Associates, Inc.

April 1, 2005

Jenny Nicewander, P.E.
Town of Addison
16801 Westgrove Dr.
P.O. Box 9010
Addison, TX 75001

Re: Waterford Park II – Phase I Water Service Replacement

Dear Ms. Nicewander:

Enclosed is our invoice for work performed from Inception through March 25, 2005, for the referenced project.

Work performed during this period includes:

65% plans and specs
~~Attended Bid-opening~~

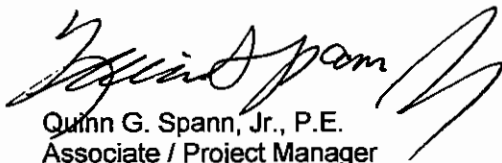
Work programmed during the next period includes:

Final plans and specs

If you have any questions regarding this invoice or work performed to date, please call.

Sincerely,

GSWW, INC.



Quinn G. Spann, Jr., P.E.
Associate / Project Manager

Enclosures



GSWW, Inc.
 Civil / Environmental Engineers & Planners
 11117 Shady Trail
 Dallas, Texas 75229

GSWW Invoice No 05-03-295
GSWW Job # 1036-003

Town of Addison
 Ms. Jenny Nicewander, P.E.
 16801 Westgrove Drive (P.O. Box 9010)
 Addison, Tx 75001-9010

DATE: April 1, 2005
BY: Quinn G. Spann, Jr., P.E.

PROJECT:
Waterford Park II, Phase I Water Service Replacement

Invoice from Inception through March 25, 2005

BASIC SERVICES

Hourly not-to-exceed \$11,480.00		Total Billed Hours	Hourly Rate	Total Amount Billed	Previous Amount Invoiced	Amount This Invoice
Title						
Quinn Spann, P.E.	Proj. Mang	36.0	\$127.25	\$4,581.00	\$0.00	\$4,581.00
Dan DeGroot, P.E.	Proj. Eng	6.0	\$103.97	\$623.82	\$0.00	\$623.82
Bernard D'souaz, EIT	Grad Eng	32.5	\$77.97	\$2,534.03	\$0.00	\$2,534.03
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
Total Basic Service				\$7,738.85	\$0.00	\$7,738.85

SPECIAL SERVICES

Not-to-exceed \$840.00						
Reimbursable						
Printing & Courier				\$0.00	\$0.00	\$0.00
This Invoice				\$7,738.85	\$0.00	\$7,738.85

Total Contract Amount \$12,320.00

Amount Billed to Date	\$7,738.85
Amount Previous Invoiced	\$0.00
This Invoice	\$7,738.85



Countdown Inc.

Professional Courier Service

(972) 233-0110 • Metro (972) 263-4590

Acct. # 1693

1147



Date: 4-22-05

Client Ref. 1036-003

Company GSWW. INC

Address 11117 SHADY TRAIL

CALLER: Ruina - Mindy City DALLAS

Company Jenny Nicewander, A.E. 972-450-2860

TOWN OF Addison
Address 16801 Westgrove Dr.

Addison TX 75001-9010
City

DEL TO

Log No.: 111

Rec'd By: A. Dent
DELIVERY COPY

87270



GSDW, Inc.

11117 Shady Trail • Dallas, TX 75229
972.620.1255 , 972.620.8028 Fax

LETTER OF TRANSMITTAL

DATE: April 21, 2005	JOB NO: 1036-003
ATTENTION:	
RE: Chatham Court, Phase I	
Water Service Line Replacement	
Bid No: 05-22	

TO Jenny Nicewander, P.E.

 Town of Addison

 16801 Westgrove Dr.

 Addison, Texas 75001-9010

 972-450-2860

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change Order _____

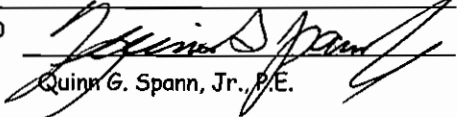
COPIES	DATE	NO.	DESCRIPTION
3	4/21/05		95%-Preliminary design documents

THESE ARE TRANSMITTED as checked below:

For approval	Approved as submitted	Resubmit _____ copies for approval
For your use	Approved as noted	Submit _____ copies for distribution
As requested	Returned for corrections	Return _____ corrected prints
For review and comment	_____	_____

FOR BIDS DUE _____ 20 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____ SIGNED 

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

Addison!

SSJ
COPY

BID NO: 05-2/22

**CONTRACT DOCUMENTS
AND
SPECIFICATIONS
FOR**

CHATMAN COURT → TYPICAL

*Town of Addison, Texas
Waterford Park II
Phase I Water Service Replacement*

MAY
AUGUST, 2005

- REPLACE MUDOK
W/ SHANNA SIMS
972 450 7089

PREPARED BY



GSWW, Inc.
11117 Shady Trail
Dallas, Texas 75229

Contractor _____

Street Address _____

City & State _____

Telephone _____

Fax _____

e-mail _____

CONTRACT DOCUMENTS

TOWN OF ADDISON, TEXAS
~~WATERFOR PARK II~~
PHASE I WATER SERVICE REPLACEMENT

GSWW, INC.
11117 SHADY TRAIL
DALLAS, TEXAS 75229

AUGUST, 2005

MAY

CONTRACT DOCUMENTS

TOWN OF ADDISON, TEXAS
WATERFOR PARK II
PHASE I WATER SERVICE REPLACEMENT
Bid No: 05-~~27~~ 22

*Town to get
from Shemma*

TOWN OF ADDISON, TEXAS
DALLAS COUNTY, TEXAS

MAY
AUGUST, 2004

I hereby state that these Contract Documents were prepared under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Texas

Date: _____ Registration No. _____

ADVERTISEMENT FOR BIDS

1. Sealed bids addressed to the Town of Addison, Texas, for Westfield Court Water Service Replacement for the Town of Addison, Texas, hereinafter called "Town" in accordance with plans, specifications and contract documents prepared by GSWW, Inc., hereinafter called "the Consultant", will be received at the office of Ms. Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas 75254, until **2:30 P.M. on Tuesday, September 14, 2005**. Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.
JUNE 14
2. The Contractor shall identify his bid on the outside of the envelope by writing the words "**WATERFORD PARK II - PHASE I WATER SERVICE REPLACEMENT-Bid No: 05-37**". *22*
3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within ten (10) days after notice of award of contract to him.
4. Plans, specifications and bidding documents may be secured on a CD from the office of Ms. Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas. The first copy of the CD will be available at no charge and any additional copies of the CD may be obtained for a non-refundable sum of ~~\$20.00~~ per CD. *ELECTRONIC COPIES WILL BE FREE OF CHARGE.*
Shanna Sims
5. The Mayor and the Town Council reserve the right as the interest of the Town may require to reject any or all bids and to waive any informality in bids received.
6. The Bidder (Proposer) must supply all the information required by the Proposal Form.
7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety. The performance and payment bonds shall name the Town of Addison as obligee (or such other entities as may be designated at the time a contract is executed).
8. For information on bidding or to secure bid documents, call *Ms. Shanna Sims* *7089* ~~Ms. Minok Suh (972) 450-7001~~. For information on the work to be performed, call Steven Z. Chutchian, P.E., Assistant City Engineer, (972) 450-2886.
9. A **Mandatory Pre-Bid meeting** will be held at **2:00 P.M. on Tuesday, September 7, 2005** at the Addison Service Center, 16801 Westgrove, Addison, Texas, 75001, (972) 450-2871. All bidders are required to attend. Lack of attendance will be considered non-responsive and a bid will not be accepted from anyone not attending.
JUNE
10. This project consists of abandoning existing "long" copper water service lines, by boring new long service lines with a polyethylene sleeve as shown on the plans and in accordance with the specifications.

TOWN OF ADDISON, TEXAS

*Budget and
Procurement
Manager*

**GENERAL CONTRACT DOCUMENTS AND SPECIFICATIONS
FOR
TOWN OF ADDISON, TEXAS
WATERFORD PARK II-PHASE I WATER SERVICE REPLACEMENT**

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SECTION A

INSTRUCTION TO BIDDERS

SECTION A
INSTRUCTION TO BIDDERS

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INSTRUCTIONS TO BIDDERS

1. **PROJECT**

WATERFORD PARK II-PHASE I WATER SERVICE REPLACEMENT, in the Town of Addison.

The bids will be evaluated as stated in this item 16 of the Instructions to Bidders.

2. **PROJECT DESCRIPTION**

This project consists of the installation of 35 water service lines "by other than open cut" (long service only) with associated appurtenances as shown on the plans and in accordance with the specifications.

3. **PROPOSALS**

Proposals must be in accordance with these instructions in order to receive consideration.

4. **DOCUMENTS**

Documents include the Advertisement for Bids, Instructions to Bidders, Proposal Forms, Contract Agreement, Performance Bond, Payment bond Maintenance Bond, General Provisions, Special Provisions, Technical Specifications, Drawings, and Addenda which may be issued during the bidding period. Bidding Documents may be viewed and/or obtained under the terms and conditions set forth in the Advertisement for Bids in Section A of this Specification Book.

5. **EXAMINATION OF DOCUMENTS AND SITE**

Bidders shall carefully examine the Bidding Documents and the construction site to obtain first-hand knowledge of the scope and the conditions of the Work. Each Contractor, Subcontractor and Sub-subcontractor, by submitting a proposal to perform any portion of the Work, represents and warrants that he has examined the Drawings, Specifications (Project Manual) and the site of the Work, and from his own investigation has satisfied himself as to the scope, accessibility, nature and location of the Work; the character of the equipment and other facilities needed for the performance of the Work; the character and extent of other work to be performed; the local conditions; labor availability, practices and jurisdictions and other circumstances that may affect the performance of the Work. No additional compensation will be allowed by the Owner for the failure of such Contractor, Subcontractor or Sub-subcontractor to inform himself as to conditions affecting the Work. A **Mandatory Pre-Bid** meeting will be held at **2:00 P.M. on ~~September 7, 2005~~** at the Addison Service Center, 16901 Westgrove, Addison, Texas, 75001, (972) 450-2871. **All bidders are required to attend.** Lack of attendance will be considered non-responsive and a bid will not be accepted from anyone not attending.

June

6. **INTERPRETATION OF DOCUMENTS**

If any person contemplating submitting a bid for the proposed Contract is in doubt as to the meaning of any part of the Drawings, Specifications (Project Manual) or other proposed Contract Documents, he may submit to the Consultant, not later than seven (7) calendar days prior to the date set for opening bids, a written request for an interpretation or clarification. Bidders should act promptly and allow sufficient time for a reply to reach them before preparing their bids. Any interpretation or clarification will be in the form of an Addendum duly issued. No alleged verbal interpretation or ruling will be held binding upon the Owner.

7. **INSURANCE REQUIREMENTS**

A. The Contractor shall agree to furnish and maintain, during the contract period, insurance coverage meeting the following requirements:

1. Commercial General Liability Insurance at minimum combined single limits of \$500,000 per occurrence and \$1,000,000 general aggregate for Bodily Injury and Property Damage, which coverage shall include Products/Completed Operations, and XCU Hazards. Contractual Liability must be maintained with respect to the Contractor's obligations

contained in the contract. The policy must be amended to provide a per-project general aggregate limit of insurance of \$1,000,000 with respect to this contract.

2. Workers Compensation insurance at statutory limits, including employer's liability coverage at minimum limits of \$500,000.
 3. Commercial automobile liability insurance at minimum combined single limits of \$500,000. Per occurrence for bodily injury and property damage, including owned, non-owned, and hired car coverage.
- B. Contractor shall provide the following endorsements:
1. Additional insured wording which includes the Contractor and the Town of Addison with respect to general liability, and automobile liability.
 2. All liability policies shall contain cross liability and severability of interest clause.
 3. A waiver of subrogation in favor of the Town of Addison with respect to the workers' compensation insurance.
 4. The policy shall be endorsed to require the insured to immediately notify the Town of Addison of any material changes in the insurance coverage.
 5. The certificate shall note the Project Name or Bid Number.
 6. All certificates shall be mailed to Town of Addison, Purchasing Division, P.O. BOX.9010, ADDISON, TEXAS 75001.
- C. All insurance shall be purchased from an insurance company who meets the following requirements.
1. A Best financial rating acceptable to the Town.
 2. Licensed and admitted to do business in the State of Texas.
- D. All insurance must be written on forms filed with and approved by the Texas State Board of Insurance. Certificates of insurance shall be prepared and executed by the insurance company or its authorized agent and shall contain provisions representing and warranting the following:
1. The company is licensed and admitted to do business in the State of Texas.
 2. The company's forms have been approved by the Texas State Board of Insurance.
 3. Sets forth all endorsements as required above.
 4. The Town of Addison will receive at least thirty (30) days notice prior to cancellation or termination of the insurance.
- E. Upon request, Contractor, shall furnish the Owner with certified copies of all insurance policies. The Contractor shall also file with the Owner valid Certificates of Insurance covering all subcontractors in accordance with the insurance requirements set forth herein for Contractor.

8. SUBSTITUTIONS

Conditions governing the submission of substitutions for specific materials, products, equipment and processes are in the Special Provisions. Requests for substitutions must be received by the Consultant seven (7) calendar days prior to the established bid date.

9. ADDENDA

Interpretations, clarifications, additions, deletions and modifications to the Documents during the bidding period will be issued in the form of Addenda and a copy of such Addenda will be mailed, faxed or delivered to each person who has been issued a set of the Bidding Documents. Addenda will be a part of the Bidding Documents and the Contract Documents, and receipt of them shall be acknowledged in the Bid Form. All such interpretations and supplemental instructions will be in the form of written addenda to the contract documents which, if issued, will be sent by telegram, certified or registered mail, or hand delivered to all prospective bidders (at the respective addresses furnished for such purposes) not later than three (3) calendar days prior to the date fixed for the opening of bids. If any bidder fails to acknowledge the receipt of such addenda in the space provided in the bid form, his bid will nevertheless be construed as though the receipt of such addenda had been acknowledged.

10. COMPLETION TIME

See Special Provisions.

11. PREPARATION OF BIDS

Prices quoted shall include all items of cost, expense, fees and charges incurred by, or arising out of, the performance of the work to be performed under the Contract. Bids submitted shall be signed in ink. Any bid on other than the required form will be considered informal and may be rejected. Erasures or other changes in a bid must be explained or noted over with the initials of the bidder. Bids containing any conditions, omissions, unexplained erasures and alterations, or irregularities of any kind may be rejected as informal. The prices should be expressed in words and figures or they may be deemed informal and may be rejected. In case of discrepancy between the prices written in the bid and those given in the figures, the price in writing will be considered as the bid. Failure to submit all requested information will make a bid irregular and subject to rejection. Bids shall be signed with name typed or printed below signature, and, if a partnership, give full name of all partners. Where bidder is a corporation, bids must be signed with the legal name of the corporation followed by the name of the state of incorporation and the legal signature of an officer authorized to bind the corporation to a contract.

A computer generated proposal form may be used in lieu of the enclosed forms. The form shall be 8½" x 11" in size, and shall be attached to the proposal in the proper section, and shall be make part of the proposal and contract documents.

The spreadsheet option is for the convenience of the bidder. No wording in the spreadsheet shall modify or amend the wording in the bid proposal or plans.

The unit price on the form shall be the price of the item, and errors that may be present in the printout will not be recognized as an opportunity to revise the proposal. The summary sheet included in this bid document shall be utilized for summarizing the bid.

Te spreadsheet shall present each item in the order and number as shown in the city's proposal and bid schedule for this project. The spreadsheet shall be in a column format with the following columns:

1. Item Number
2. Quantity
3. Unit of Measure
4. Description
5. Unit Price
6. Extended Price

12. SUBMITTAL OF BIDS

Sealed proposals will be received at the time, date and place stated in the Advertisement for Bids. Proposals shall be completed on Proposal Forms furnished in this Specification book. Submit completed bid book in its entirety in an opaque, sealed envelope addressed to the Owner and plainly mark on the outside of the envelope the project name, and the name and address of the bidder. The envelopes shall be marked with the following project name: **WATERFORD PARK II-PHASE I WATER SERVICE REPLACEMENT**

The Bid Bond must be completed and signed by each bidder and submitted with the bid. Submit Bids by mail or in person prior to the time for receiving bids set forth in the Advertisement for Bids issued by the Town.

13. MODIFICATION AND WITHDRAWAL OF BIDS

Prior to the time set for bid opening, bids may be withdrawn or modified. Bids may be modified only on the official bid form and must be signed by a person legally empowered to bind the bidder.

No bid may be withdrawn for a period of 90 day after the scheduled closing time for receiving bids. The low bidder shall be prepared to submit such evidence as the Owner may require to establish his experience, possession of such equipment, qualification of personnel and financial responsibility necessary to perform the work on this project in an expeditious, safe and satisfactory manner.

14. DISQUALIFICATION

The Owner reserves the right to disqualify proposals, before or after the opening, upon evidence of collusion with intent to defraud or other illegal practices relating to this proposal upon the part of the bidder.

15. SUBMISSION OF POST-BID INFORMATION

Upon notification of acceptance, the selected bidder shall, within five (5) calendar days, submit the following:

- A. A designation of the portions of the Work proposed to be performed by the bidder with his own force.
- B. A list of names of the subcontractors or other persons or organizations, including those who are to furnish materials and equipment fabricated to a special design proposed for such portions of the Work as may be designated in the Bidding Documents or as may be requested by the Consultant.
- C. The bidder will be required to establish to the satisfaction of the Owner and the Consultant the reliability and responsibility of the proposed Subcontractors and suppliers to furnish and perform the Work. Bidder to provide experience record, including contract references (names and telephone) and dollar size of project.

16. AWARD

See Special Provisions.

17. EXECUTION OF THE CONTRACT

See Special Provisions.

18. CONSTRUCTION SCHEDULE

See Special Provisions.

19. LIQUIDATED DAMAGES

See Special Provisions.

20. FORM OF CONTRACT

The contract for the construction of the project will be drawn up by the Owner. A sample form of agreement is included in the Contract Agreement Section.

21. BONDS

A Performance Bond, a Labor and Material Payment Bond and a Maintenance Bond will be required by the Owner. The performance and payment bonds shall name the Town of Addison, and others as directed by the Town, as joint obligees. Sample forms have been included in the Performance Bond, Payment Bond and Maintenance Bond sections. (Contractor shall confirm the legal names of obligees prior to execution of Bonds.)

22. BID SECURITY

Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed to do business in the State of Texas as a guarantee that the bidder will enter into a contract and execute a Performance Bond and Payment Bond within ten (10) calendar days after notice of award of contract to him. Such checks or bid bonds will be returned to all except the three lowest bidders within three (3) days after the opening of bids, and the remaining checks or bid bonds will be returned promptly after the Owner has made an award of contract, or, if no award has been made within thirty (30) calendar days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bid.

23. RESOLUTIONS

If the bidder is a corporation, a copy of the resolution empowering the person submitting the bid to bind the bidder must be included with the bid.

24. CONSTRUCTION STAKING

Construction staking will not be provided by the Owner. Benchmarks and Horizontal Control are shown on the plans. There is no separate bid item for staking, therefore, the contractor must include value for staking in the various bid items as subsidiary to the contract.

25. FINAL PAYMENT

The general provisions for Final Payment shall be as stated in Item 1.51.4 of the North Central Texas Standard Specifications for Public Works Construction (1998 Edition). Prior to final payment the Contractor shall provide the Owner with the following items:

1. A Contractor's Affidavit of Bills Paid in accordance with Section D.
2. A Consent of Surety Company to Final Payment.
3. A complete set of record plans which indicate all construction variations from the original construction documents in accordance with Item 5 of the Special Provisions.
4. A two(2) year Maintenance Bond in accordance with Section D.

26. PREVAILING WAGE RATES

Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached in the Special Provisions.

SECTION B

BID PROPOSAL

FOR

WATERFORD PARK II

PHASE I WATER SERVICE REPLACEMENT

SECTION B

BID PROPOSAL

FOR

~~W~~ATERFORD PARK II-PHASE I WATER SERVICE REPLACEMENT

Addison, Texas

Date: _____, 2005

PROPOSAL OF: _____
(Contractor)

Check appropriate business entity.

_____ A corporation organized and existing under the laws of the State of Texas.

_____ A corporation organized and existing under the laws of the State of (If a non-Texas Corporation, please attach a copy of the corporation's Articles of Incorporation)

_____ A partnership consisting of _____.

_____ A sole proprietorship owned by _____, an individual.

DO NOT REMOVE BID PROPOSAL FROM SPECIFICATION BOOK
SPECIFICATION BOOK TO BE SUBMITTED IN IT'S ENTIRETY

To: THE TOWN OF ADDISON, TEXAS
5350 BELTLINE ROAD
ADDISON, TEXAS 75001

The undersigned bidder, pursuant to the foregoing advertisement for bids, has carefully examined this proposal, the contract documents, special provisions, general provisions, special specifications, and the specifications and will provide all necessary labor, superintendence, machinery, equipment, tools, materials, services and other facilities and complete fully all the work as provided for in the specifications and contract documents; and binds himself upon formal acceptance of this proposal to execute a contract and bonds, according to the prescribed forms, for performing and completing the said work within the required time.

It is understood that the following quantities of work to be done are approximate only, and are intended principally to serve as a guide in figuring out the bids. It is further understood that the quantities of work to be done and materials to be furnished may be increased or decreased as may be considered necessary, in the opinion of the engineer, to complete the work as fully planned and contemplated, and that all quantities of work whether increased or decreased, are to be performed at the unit prices set forth below except as provided for in the specifications.

Unit prices are to be shown in both words and figures. In case of a discrepancy, the amount shown in words will govern.

The unit prices shall include all labor, materials, equipment, overhead, profit, insurance, etc., to cover the completed work of the several kinds called for.

The work proposed to be done shall be accepted when fully completed and finished in accordance with the plans and specifications, to the satisfaction of the OWNER.

The undersigned certifies that the bid prices contained in this Proposal have been carefully checked and are submitted as correct and final.

The undersigned bidder hereby declares that he has visited the site of the work.

In the event of the award of a Contract to the Bidder, the Bidder will furnish Performance and Payment Bond for the full amount of the Contract, to secure proper compliance with the terms and provisions of the Contract, to insure and guarantee the work until final completion and acceptance, and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the Contract.

Receipt is acknowledged of the following addenda:

- Addendum #1 _____
- Addendum #2 _____
- Addendum #3 _____
- Addendum #4 _____

Respectfully Submitted,

(Name of Contractor)

By:

(Authorized Signature)

(Title)

Address: _____

City: _____

State: _____ Zip: _____

Telephone: _____ Fax: _____

Seal if bidder is a corporation

BID SCHEDULE "A"
BID PROPOSAL FOR WATERFORD PARK II
PHASE I WATER SERVICE REPLACEMENT

PAY ITEM	APPROX QTY	UNIT	DESCRIPTION OF ITEMS WITH BID PRICES WRITTEN IN WORDS	UNIT PRICE	AMOUNT BID
1.	35	EA	FURNISH & INSTALL 3/4" TYPE 'K' COPPER WATER SERVICE BY OTHER THAN OPEN CUT, INCLUDING CONNECTING TO EXISTING WATERLINE AND WATER METER, REMOVE AND REPLACE WATER METER BOX, REMOVE & REPLACEMENT OF REINF. CONC. STREET, DRIVEWAY, SIDEWALK AND CURB, TURF MAINTENANCE COMPLETE IN PLACE. _____ Dollars and _____ Cents per EA	\$	\$

TOTAL FOR WATERFORD PARK II-PHASE I WATER SERVICE REPLACEMENT: (SCHEDULE "A")

\$ _____

DO NOT REMOVE BID PROPOSAL FROM SPECIFICATION BOOK
SPECIFICATION BOOK TO BE SUBMITTED IN IT'S ENTIRETY

#2 of Conventional Boro ?

BID SCHEDULE SUMMARY
WATERFORD PARK II
PHASE I WATER SERVICE REPLACEMENT

Bid Schedule and Description	Total Amount Materials & Services
------------------------------	-----------------------------------

Schedule "A" Water Service Replacement	\$ _____
--	----------

TOTAL AMOUNT BID FOR SCHEDULE "A"	\$ _____
=TOTAL OF STANDARD BID (A)	\$ _____

WRITTEN IN WORDS: _____

TOTAL OF TIME BID:	_____ (Calendar Days)
---------------------------	-----------------------

TOTAL OF CALENDAR DAYS X \$250.00 (B):	\$ _____
--	----------

WRITTEN IN WORDS: _____

BASIS FOR COMPARISON OF BIDS:

(A) + (B) = TOTAL BIDS:	\$ _____
--------------------------------	----------

WRITTEN IN WORDS: _____

- Notes:**
1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
 2. Prices must be shown in words and figures for each item listed in this proposal. In the event of discrepancy, the words shall control.
 3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is awarded by the Owner based on this proposal within ninety (90) days calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within seven (7) calendar days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Surety shall be returned to the undersigned upon demand.
 4. One contract will be awarded based on the total value of Schedule "A", (A), plus (B).

Bidder's Tax I.D. No. or Employer No. _____

SECTION D

BONDS

SECTION D

BONDS

PERFORMANCE BOND 2

PAYMENT BOND 3

MAINTENENCE BOND 4

CERTIFICATION OF INSURANCE 7


AFFIDAVIT OF CONTRACTOR 9

**STATUTORY PERFORMANCE BOND PURSUANT TO CHAPTER 2253
OF THE TEXAS GOVERNMENT CODE
(PUBLIC WORKS)**

(Penalty of this Bond must be 100% of Contract Amount)

KNOW ALL MEN BY THESE PRESENTS, That _____
(hereinafter called the Principal), as Principal, and _____
(hereinafter called the Surety), as Surety are held and firmly bound unto the **Town of Addison** (hereinafter
called the Oblige), in the amount of _____
_____ Dollars (\$ _____) for the
payment whereof the said Principal and Surety bind themselves and their heirs, administrators, executors,
successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Oblige, dated the
_____ day of _____, 2005 to


Waterford Park II- Phase I Water Service Replacement

which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at
length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said
Principal shall faithfully perform the work in accordance with the plans, specifications and contract
documents, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Chapter 2253 of
the Texas Government Code and all liabilities on this bond shall be determined in accordance with the
provisions, conditions and limitations of said Chapter to the same extent as if it were copied at length
herein.

IN WITNESS WHEREOF, the said Principal and Surety have signed this instrument this _____
day of _____, 2005.

(Principal)
By: _____

(Surety)

By: _____
(Attorney-in-Fact)

**STATUTORY PAYMENT BOND PURSUANT TO CHAPTER 2253
OF THE TEXAS GOVERNMENT CODE
(PUBLIC WORKS)**

(Penalty of this Bond must be 100% of Contract Amount)

KNOW ALL MEN BY THESE PRESENTS, That _____
(hereinafter called the Principal), as Principal, and _____
(hereinafter called the Surety), as Surety are held and firmly bound unto the **Town of Addison** (hereinafter
called the Obligee), in the amount of _____
_____ Dollars (\$ _____) for the
payment whereof the said Principal and Surety bind themselves and their heirs, administrators,
executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the
_____ day of _____, 2005 to

Waterford Park II- Phase I Water Service Replacement

which contract is hereby referred to and made a part hereof as fully and to the same extent as if
copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the
said Principal shall pay all claimants supplying labor and material to him or a subcontractor in the
prosecution of the work provided for in said contract, then this obligation shall be void; otherwise
to remain in full force and effect.

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Chapter
2253 of the Texas Government Code and all liabilities on this bond shall be determined in
accordance with the provisions, conditions and limitations of said Chapter to the same extent as if it
were copied at length herein.

IN WITNESS WHEREOF, the said Principal and Surety have signed this instrument this _____
day of _____, 2005.

(Principal)
By: _____

(Surety)

By: _____
(Attorney-in-Fact)

STATE OF TEXAS

COUNTY OF DALLAS

That _____ as principal and _____
_____, a corporation organized under the laws of _____
and _____ as sureties, said sureties being authorized to do business in the
State of Texas, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of
Addison, a municipal corporation, chartered by virtue of a Special Act of Legislature of the State of Texas,
as Addison, Dallas County, Texas, the sum of

(\$ _____) for the payment of which sum will and truly to be made unto said Town of Addison
and its successors, said principal and sureties do hereby bind themselves, their assigns and successors,
jointly and severally.

This obligation is conditioned, however, that whereas said

has this day entered into a written contract with the said Town of Addison to build and construct the

Waterford Park II- Phase I Water Service Replacement

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of two (2) years from the date of startup, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation, and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract;

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of two (2) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive branches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

IN WITNESS WHEREOF, the said _____ has caused these presents to be executed by _____ and the said _____ has hereunto set his hand this the _____ day of _____, 20 _____

SURETY

PRINCIPAL

By: _____

By: _____
Attorney in Fact

ATTEST

By: _____
Surety

Secretary

Agency and Address

NOTE: Date of Maintenance Bond must be same as date City acceptance.

CERTIFICATION OF INSURANCE
(Please Use This Form Or Approved Equal)

TO: _____

Owner _____

Address _____

Date: _____

Project No.: BID NO. 05--77 Waterford Park II- Phase I Water Service Replacement

Type of Project: _____

THIS IS TO CERTIFY _____

(Name and address of insured)

is, at the date of this certificate, insured by this Company with respect to the business operations hereinafter described, for the types of Insurance and in accordance with the provisions of the standard policies used by this Company, and further hereinafter described. Exceptions to standard policy noted on reverse side hereof.

TYPE OF INSURANCE				
DESCRIPTION	POLICY #	EFFECTIVE	EXPIRES	LIMITS OF LIABILITY
WORKER'S COMPENSATION				
PUBLIC LIABILITY				
CONTINGENT LIABILITY				
PROPERTY DAMAGE				
BUILDER'S RISK				
AUTOMOBILE				
OTHER				

The foregoing policies (do) (do not) cover all sub-contractors.

Locations Covered: _____

Descriptions of Operations Covered: _____

The above referenced policies may not be changed, cancelled, or reduced in coverage without at least thirty (30) days advance written notice of such change or cancellation being given to the Owner. Where applicable local laws or regulations require more than thirty days actual notice of change or cancellation to the insured, the above policies contain such special requirements, either in the body thereof or by appropriate endorsement thereto attached.

Name of Insurer

By: _____

Title

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

STATE OF TEXAS

COUNTY OF DALLAS

Personally, before me the undersigned authority, on this day appeared _____ who, being
duly sworn, on oath, says that he is a legal representative of _____
(full name of Contractor as in contract)

and that the contract for the construction of the project, designated as
Waterford Park II- Phase I Water Service Replacement

(Project No.)

has been satisfactorily completed and that all bills for materials, apparatus, fixtures, machinery and labor
used in connection with the construction of this project have, to the best of my knowledge and belief, been
fully paid.

Signature

Title

Sworn to and subscribed before me this _____ day of _____, 2005.

Notary Public in and for

_____ County, Texas

Instructions:

If the contractor is an individual, he shall sign the affidavit. If the contractor is a partnership, any partner may sign the affidavit. If the contractor is a corporation, a person authorized by the by-laws or by the Board of Directors shall sign the affidavit. If the Contractor is a joint-venture of individuals, any of the individuals may sign the affidavit. If the Contractor is a joint-venture of partnerships, or of individuals and partnerships, the affidavit may be signed by the individual or any partner of any partnership. If the contractor is a joint-venture in which a corporation is a party, separate affidavits must be executed in the name of the joint-venture: one by each corporation and one by each individual or partnership. Signatures for corporations should be by a duly authorized officer. If signature is by another, a showing of authority to sign must accompany the affidavit.

SECTION E

GENERAL PROVISIONS

SECTION E

GENERAL PROVISIONS

The General Provisions of the Contract shall be as stated in the Standard Specifications for Public Works Construction, North Central Texas Council of Governments (1983), under Part I, "General Provisions," Items 1.0 through 1.63 inclusive, as amended or supplemented and except as modified by the Special Provisions.

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SECTION F

SPECIAL PROVISIONS

SECTION F

SPECIAL PROVISIONS

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SPECIAL PROVISIONS

1. OWNER

The Town of Addison, herein referred to as Owner, party of the First Part of these Contract Documents, or as may be otherwise established through assignment of the contract.

2. ENGINEER

GSWW, Inc., Engineer of the Owner, or other representative as may be authorized by said Owner to act in any particular position.

3. FORMS, PLANS AND SPECIFICATIONS

Forms of Proposal, Contract, Bonds and Plans may be obtained from the office of Ms. Minok Suh, Purchasing Agent, Finance Building, 5350 Belt Line Road, Addison, Texas, 972-450-7091.

4. COPIES OF PLANS FURNISHED

A CD of the plans and specification shall be furnished to the Contractor, at no charge, for construction purposes. ~~Additional copies may be obtained at a cost of \$20 per each CD.~~

5. PROJECT RECORD DOCUMENTS

Maintenance of Documents

The Contractor shall maintain at the job site one record copy of the Contract Drawings, Specifications, Shop Drawings, Change Orders, other modification to the Contract, field test records and other documents submitted by Contractor in compliance with specification requirements. These documents shall be maintained at the job site apart from documents used for construction. These documents are not to be used for construction purposes. The documents shall be maintained in clean, legible condition. The documents shall be made available at all times for inspection by the Owner.

Recording

Each document shall be labeled Project Record Copy in 2-inch high printed letters. The record documents shall be kept current. No work shall be covered until required information has been recorded.

Contract Drawings

The appropriate drawing shall be legibly marked to record, where applicable:

- a. Horizontal and vertical location of underground utilities and appurtenances referenced to permanent surface improvements.
- b. Field changes of dimension and detail made during construction process.
- c. Changes made by Change Order or Supplemental Agreement.
- d. Details not on original Contract Drawings.
- e. Manufacturer, trade name, catalog number and supplier of each product and item of equipment actually installed.
- f. Changes made by Change Order or Supplemental Agreement.
- g. Other matters not originally specified.

Shop Drawings

The Contractor shall maintain the Shop Drawings as record drawings and legibly annotate shop drawings to record changes made after review. A red felt-tip marking pen shall be used for all recording.

Submittal

At the completion of the project, the Contractor shall deliver record drawings to the Owner. The transmittal letter shall be accompanied, in duplicate, with:

- a. Date, project title and number.
- b. Contractor's name and address.
- c. Title and number of each record document.
- d. Certification that each document as submitted is complete and accurate.
- e. Signature of Contractor or his authorized representative.

6. HORIZONTAL AND VERTICAL SURVEY CONTROL

The Contractor will be responsible for horizontal and vertical survey control for this project. No Benchmarks or alignment are provided on the plans.

7. PERMITS, LICENSES, AND REGULATIONS

Permits and licenses of a temporary nature necessary for the prosecution of the Work shall be secured and paid for by the Contractor. Permits, licenses and easements for permanent structures or permanent changes in existing facilities shall be secured and paid for by the Owner, unless otherwise specified. If the Contractor observes that the Drawings and Specifications are at variance therewith, he shall promptly notify the Engineer in writing, and any necessary changes shall be adjusted as provided in the Contract for changes in Work. The Contractor shall comply with all federal, state and local laws, rules and regulations of every kind and nature applicable to the performance of its Work hereunder, and shall hold the Owner harmless therefrom.

8. REFERENCE SPECIFICATIONS

Where reference is made to specifications compiled by others, such are hereby made a part of these Specifications.

9. REVIEW OF WORK

The Owner and his representatives shall have the right to review the Work while such Work is in progress to ascertain that the Work is being accomplished in compliance with the standards and requirements set forth in the Contract Documents. It is also contemplated that similar review will be conducted by governmental inspectors. Notwithstanding such review, the Contractor will be held responsible for the finished Work, and any acceptance of the Work by the Owner or governmental agencies will not relieve the Contractor from responsibility for the Work. The Owner reserves the right to place full-time construction observers at the site of the Work.

The Owner and his representatives shall at all times have access to the Work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access, and for review.

If the Specifications, the Owner's instructions, laws, ordinances, or any public authority require any Work to be specially tested, the Contractor shall give the Owner timely notice of its readiness for testing, and if the testing is by an authority other than the Owner, of the date fixed for such testing. Tests by the Owner shall be made promptly, and where practicable at the source of supply.

Re-examination of any Work may be ordered by the Owner, and, if so ordered, the Work must be uncovered by the Contractor. If such Work is found to be in accordance with the Contract Documents, the Owner shall pay the cost of re-examination and replacement. If such Work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10. INSPECTION

Notwithstanding the foregoing, the Town of Addison reserves the right to inspect, test, measure or verify the construction work for this project as the Town deems necessary.

11. SCOPE OF WORK

The Work for this Project consists of furnishing all materials, labor, equipment, tools and incidentals necessary to construct, in accordance with the Plans and Specifications, the proposed improvements for Westfield Court Water Service Replacement.

12. PROPERTY LINES AND MONUMENTS

All property corners, control monuments, construction and survey stakes and marks shall be carefully preserved by the Contractor, and in case of careless destruction or removal by Contractor or his employees, such stakes or marks shall be replaced at the Contractor's expense as required by the Owner.

13. DISCREPANCIES

If the Contractor, in the course of the Work, finds any discrepancy between the Contract Documents and the physical conditions of the locality, or any errors or omissions in drawings or in the layout as given by survey points and instructions, or if it appears that any Plan, Specification or other Contract Document is or may be not in compliance with any building code or other requirement of any governmental body, he shall immediately inform the Owner in writing, and the Owner shall promptly verify the same. Any Work done after such discovery, until authorized, will be done at the Contractor's risk.

14. TIME ALLOTTED FOR COMPLETION

All items of Work included under these contracts shall be completed within the time stipulated by the Bidder in the Proposal Form. The time shall commence on the date specified in the Notice to Proceed. The Notice to Proceed shall consist of a written order by the Owner for the Contractor to proceed with construction of the Project.

15. EXISTING STRUCTURES

The Plans show the location of all known surface and subsurface structures. However, the Owner assumes no responsibility for failure to show any or all of these structures on the Plans, or to show them in their exact location. It is mutually agreed that such failure shall not be considered sufficient basis for claims for additional compensation or extra work or for increasing the pay quantities in any manner whatsoever, unless the obstruction encountered is such as to necessitate changes in the lines or grades, or require the building of special work, provisions for which are not made in the Plans and Proposal, in which case the provisions in these Specifications for extra work shall apply.

16. EXISTING UTILITIES AND SERVICE LINES

The Contractor shall contact all the utility companies which have facilities in the vicinity of the proposed improvements to confirm the horizontal and vertical locations of their respective facilities prior to commencing work. Where a conflict with the proposed improvements is encountered, the Contractor shall notify the Engineer immediately prior to proceeding with the work.

The Contractor shall be responsible for the protection of all existing utilities or service lines crossed or exposed by his construction operation. Where existing utilities or service lines are cut, broken or damaged, the Contractor shall replace the utilities or service lines with the same type of original construction, or better, at his own cost and expense. All replacement, backfill and compaction shall be accomplished in strict accordance with the requirements of the owner of the utility or service line.

17. PUBLIC UTILITIES AND OTHER PROPERTY TO BE CHANGED

In case it is necessary to change or move the property of any owner or of a public utility, such property shall not be moved or interfered with until authorized by the utility company and approved by the Owner. The right is reserved to the owner of public utilities to enter upon the limits of the Project for the purpose of making such changes or repairs of this contract.

18. LIGHTS AND POWER

The Contractor shall provide, at his own expense, temporary lighting and power facilities required for the proper execution of the Work.

19. PERMITS AND RIGHTS-OF-WAY

The Owner will provide rights-of-way for the purpose of construction without cost to the Contractor by securing permits in areas of public dedication or by obtaining easements across privately-owned property. It shall be the responsibility of the Contractor, prior to the initiation of construction on easements through private property, to inform the property owner of his intent to begin construction. Before beginning construction in areas of public dedication, the Contractor shall inform the agency having jurisdiction in the area forty-eight (48) hours prior to initiation of the Work. The Contractor shall obtain a right-of-way permit from the Town of Addison.

20. PRECONSTRUCTION CONFERENCE

The successful Contractor(s) and Owner shall meet at the call of the Owner on this Project. Prior to the meeting, the Contractor(s) shall prepare schedules showing the sequencing and progress of their work and its effect on others. These schedules shall be delivered to the Owner in advance of the meeting for his review. The general nature of the work, materials used, and methods of construction as well as the schedules will be discussed at the meeting. A final composite schedule will be prepared during this conference to allow an orderly sequence of project construction.

21. ADDENDA

Bidders desiring further information, or interpretation of the Plans and Specifications, must make written request for such information to the Engineer (not later than seven (7) calendar days prior to the date set for the Bid opening). Answers to all such requests will be given in writing to all Bidders in addendum form and all addenda will be bound with and made a part of the Contract Documents. No other explanation or interpretation will be considered official or binding. Should a Bidder find discrepancies in, or omissions from, the Plans, Specifications or Contract Documents, or should he be in doubt as to their meaning, he shall at once notify the Engineer in writing in order that a written addendum may be sent to all Bidders.

22. WATER FOR CONSTRUCTION

The Contractor shall acquire a meter and make the necessary arrangements with the Town of Addison for securing and transporting all water required in the construction, including water required for mixing of concrete, sprinkling, testing or flushing. Water required for construction shall be paid for by the Contractor at the Town of Addison prevailing rates. There will be no separate pay item for connection into the existing water system and quantity of water required for construction purposes.

23. EXCAVATION

The Contractor shall exercise precautions to insure that drainage from adjacent properties is not blocked by his excavations.

24. CONTRACTOR'S BID

The Contractor's Bid shall be on a Unit Price basis for construction of the Project as shown on the Plans and described in the Specifications.

25. OWNER'S STATUS

The Owner shall perform technical review of the Work. He shall also have authority to reject all Work and materials which do not conform to the Contract and to decide questions which arise in the execution of the Work.

26. OWNER'S DECISIONS

The Owner shall, within a reasonable time after their presentation to him, make decisions in writing on all claims of the Contractor and on all other matters relating to the execution and progress of the Work or the interpretation of the Contract Documents.

27. LANDS FOR WORK

The Owner shall provide as indicated on the Plans for this Project, the lands upon which the Work under this Contract is to be done, right-of-way for access to same, and such other lands which are designated on the Plans or in the Specifications for the use of the Contractor. Such lands and rights-of-way shall be adequate for the performance of the Contract. Should the Contractor be delayed as the result of lack of access, this shall be cause for an extension of time but not for additional cost.

The Contractor shall provide at his own expense and without liability to the Owner any additional land and access thereto that may be required for temporary construction facilities.

28. CLEANING UP

The Contractor shall remove at his own expense all temporary structures, rubbish and waste materials resulting from his operations daily. These requirements shall not apply to property used for permanent disposal of rubbish or waste materials in accordance with permission of such disposal granted to the Contractor by the Owner thereof.

29. AWARD AND EXECUTION OF CONTRACT

For the purpose of award, each bid submitted shall consist of two parts whereby:

Standard Bid (A) = The correct summation of the products of the estimated quantities shown in the proposal, multiplied by their bid unit prices.

Time Bid (B) = (CD x Daily Value) = the product of the number of calendar days (CD) provided by the Contractor and the Daily Value established by the Town.

For purposes of this Contract, the Daily Value is \$250.00.

The lowest evaluated bid (Total Bid) will be determined by the Town as the lowest sum of Standard Bid (A) plus Time Bid (B) according to the following formula:

$$\text{Total Bid} = \text{Standard Bid (A)} + \text{Time Bid (B)}$$

Time Bid (B) from the preceding formula will not be used to determine final payment to the Contractor. All payments will be based on actual quantities and bid unit prices.

The Town desires to expedite construction on this contract to minimize the inconvenience to the traveling public and to reduce the time of construction. In order to achieve this, an incentive – disincentive provision is established for the contract. **The total incentive payment shall not exceed \$5,000.00. A bid with more than 60 days will be considered non-responsive and will be rejected.**

30. AWARD AND EXECUTION OF CONTRACT

In the event the Contractor completes the contract prior to the expiration of the Original Contract Time, the Town will pay the Contractor an incentive payment of the Daily Value amount specified in provision 29 for each calendar day the actual completion date precedes the Original Contract Time and subject to the conditions set forth below. The term "Original Contract Time" as used in this Provision will mean the number of calendar days established by the Contractor for completion of the work of the Contract on the date the Contract was executed. The term "calendar day" as used in this Article will mean every day shown on the calendar. Calendar days will be consecutively counted from commencement of Contract Time regardless of weather, weekends, holidays, suspensions of Contractor's operations, delays or other events as described herein. For purposes of the calculation and the determination of entitlement to the incentive payment stated

above, the Original Contract Time will not be adjusted for any reason, cause or circumstance whatsoever, regardless of fault, save and except in the instance of a catastrophic event (i.e., war, invasion, riot, declared state of emergency, national strike, or other situations as declared by the Town of Addison). The parties anticipate that delays may be caused by or arise from any number of events during the course of the Contract, including, but not limited to, work performed, work deleted, change orders, supplemental agreements, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right of way issues, permitting issues, actions of suppliers, subcontractors or other contractors, actions by third parties, shop drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, suspension of Contractor's operations, or other such events, forces or factors sometimes experienced in roadway construction work. Such delays or events and their potential impacts on performance by the Contractor are specifically contemplated and acknowledged by the parties in entering into this Contract, and shall not extend the Original Contract Time for purposes of calculation of the incentive payment set forth above. Further, any and all costs or impacts whatsoever incurred by the Contractor in accelerating the Contractor's work to overcome or absorb such delays or events in an effort to complete the Contract prior to expiration of the Original Contract Time, regardless of whether the Contractor successfully does so or not, shall be the sole responsibility of the Contractor in every instance.

In the event of a catastrophic event (i.e., war, invasions, riot, declared state of emergency, national strike, or other situations as declared by the Town of Addison) directly and substantially affecting the Contractor's operations on the Contract, the Contractor and the Town shall agree as to the number of calendar days to extend the Original Contract Time so that such extended Original Contract Time will be used in calculation of the incentive payment. In the event the Contractor and Town are unable to agree to the number of calendar days to extend the Original Contract Time, the Town shall unilaterally determine the number of calendar days to extend the Original Contract Time reasonably necessary and due solely to such catastrophic event and the Contractor shall have no right whatsoever to contest such determination, save and except that the Contractor establishes that the number of calendar days determined by the Town were arbitrary or without any reasonable basis.

The Contractor shall have no rights under the Contract to make any claim arising out of this incentive payment provision except as is expressly set forth in this Provision. As conditions precedent to the Contractor's entitlement to any incentive the Contractor must:

(1) Actually complete the Contract and obtain final acceptance by the Town prior to expiration of the Original Contract Time.

(2) The Contractor shall notify the Town in writing, within 30 days after final acceptance of the Contract by the Town, that the Contractor elects to be paid the incentive payment which the Contractor is eligible to be paid based on the actual final acceptance date, and such written notice shall constitute a full and complete waiver, release and acknowledgement of satisfaction by the Contractor of any and all claims, causes of action, issues, demands, disputes, matters or controversies, of any nature or kind whatsoever, known or unknown, against the Town, its employees, officers, agents, representatives, consultants, and their respective employees, officers and representatives, the Contractor has or may have, including, but not limited to, work performed, work deleted, change orders, supplemental agreements, delays, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right of way issues, permitting issues, actions of suppliers or subcontractors or other contractors, actions by third parties, shop drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, suspensions of Contractor's operations, extended or unabsorbed home office or job site overhead, lump sum maintenance of traffic adjustments, lost profits, prime mark-up on subcontractor work, acceleration costs, any and all direct and indirect costs, any other adverse impacts, events, conditions, circumstances or potential damages, on or pertaining to, or as to or arising out of the Contract. This waiver, release and acknowledgement of satisfaction shall be all inclusive and absolute, save and except any routine Town final estimating quantity adjustments.

Should the Contractor fail to actually complete the Contract and obtain final acceptance by the Town prior to expiration of the Original Contract Time, or should the Contractor, having timely completed the Contract and obtained final acceptance by the Town prior to expiration of the original Contract Time but have failed to

timely request the incentive payment for any reason, and including but not limited to the Contractor choosing not to fully waive, release and acknowledge satisfaction as set forth in (2) above, the Contractor shall have no right to any payment whatsoever under this Article. Notwithstanding the Contractor's election or non-election of the incentive under this provision, the disincentive provision applies to all circumstances where the work in the Contract is not finally accepted by the Allowable Contract Time.

Should the Contractor fail to complete the Contract on or before expiration of the Allowable Contract Time, as adjusted in accordance with the provisions above, the Town shall deduct from the moneys due the Contractor the Daily Value as shown in provision 29 for each calendar day completion exceeds the Allowable Contract Time. The term "Allowable Contract Time" as used in this Article shall mean the Original Contract Time plus adjustments pursuant to the statements above. This deduction shall be the disincentive for the Contractor's failing to timely complete the Contract. **This shall be strictly enforced.** In the event the Contractor elects to exercise this incentive payment provision, should this provision conflict with any other provision of the Contract; the Contract shall be interpreted in accordance with this provision.

31. USE OF EXPLOSIVES

Use of explosives will not be allowed.

32. PROJECT MAINTENANCE

The Contractor shall maintain, and keep in good repair, the improvements covered by these Plans and Specifications during the life of his contract.

33. DISPOSAL OF WASTE AND SURPLUS EXCAVATION

All asphalt, concrete, rock or excavated material, or other debris shall be removed from the property and the Town of Addison. Any required disposal permits shall be the sole responsibility of the Contractor.

34. REMOVALS, ADJUSTMENTS AND REPLACEMENTS

Existing pavements, driveways, curbs, gutters, sidewalks, etc., to be removed to facilitate the construction of the improvements shall be broken up and disposed of. Care shall be exercised to leave a neat, uniform edge or joint at the excavation limits or sections removed where only portions are to be removed. The Owner will designate the limits to be removed. Where pavements, driveways, curbs, gutters, sidewalks, etc., shall be replaced, then said replacements shall be to the standard of the previously removed portion or better.

Existing structures such as manholes, inlets, cleanouts, valve boxes, etc. which are not the property of a private firm or company, or an individual required to move their own property, shall be adjusted, altered or reset to the required elevation and alignment. New materials and workmanship necessary shall conform to the requirements of these Specifications covering the particular Work. Salvaged materials in good condition may be used in rebuilding such structures, provided the materials are thoroughly cleaned before their use.

All private obstructions which are indicated on the Plans to be moved, will be removed and replaced, or moved to new permanent locations by the Contractor, without additional payment to the Contractor. Any such additional item which the Contractor moves or causes to be moved for his own convenience shall be at his own expense.

35. TOWN OF ADDISON APPROVAL

This project is subject to final approval and acceptance by Town of Addison.

36. TRAFFIC CONTROL

The Contractor shall be responsible for providing traffic control during the construction of this Project consistent with the provisions set forth in the latest edition of the "Texas Manual on Uniform Traffic Control Devices for Streets and Highways" issued under the authority of Sections 542.202, 544.001 and 544.002 of the Texas Transportation Code. The Contractor will not remove any regulatory sign, instructional sign, street name sign, or other sign which has been erected by the City. If it is determined that a sign must be removed to permit required construction, the Contractor shall contact the Town of Addison to remove the sign. In the

case of regulatory signs, the Contractor must replace the permanent sign with a temporary sign meeting the requirements of the above-referenced manual, and such a temporary sign must be installed prior to the removal of the existing sign. The Contractor shall submit a Traffic Control Plan at least five (5) calendar days prior to commencing work for review and approval by the Town of Addison. One lane of traffic shall be maintained at all times during construction.

37. CERTIFICATION

The Contractor shall submit a manufacturer's certification that the material was manufactured and tested in accordance with the referenced Specifications and a report of test results. The certification shall be submitted prior to material shipment.

38. FINAL ACCEPTANCE OF WORK

Final acceptance of the Work is subject to final testing and approval of the Work by the Town of Addison.

39. WORK AREA

Contractor is responsible for obtaining their own staging and storage area offsite prior to construction. No storage will be allowed within public right-of-way. The area shall be approved by the Town of Addison prior to beginning any construction. Storage areas shall be restored in accordance with these specifications at the Contractor's expense. In addition, the Contractor shall restore existing items such as turf, concrete/asphalt pavement, curbs, sidewalks, trees, etc. damaged by the movement of equipment/materials to/from the site in accordance with these specifications at his expense.

40. CONTRACTOR'S AFFIDAVIT OF BILLS PAID

The Contractor shall be required to execute the form provided in Section D prior to the acceptance of the project.

41. PAY ITEMS

Pay items provided are intended to be all-inclusive of the work required on this project. Work required by the plans or specifications but not provided with a specific pay item shall be considered incidental to other items of work.

Final payment to the construction contractor shall not be made until all Work has been finally completed and verified in accordance with the construction contract, plans and specifications and have been finally accepted by the Town of Addison.

42. SAMPLES AND TESTS OF MATERIALS

Modify the General Provisions, Section GP 1.42.3, Samples and Tests of Materials.

"The Contractor shall designate and pay a recognized testing laboratory to perform all concrete mix design for this project. Such designation shall be subject to the approval of the Owner. Samples of all materials for tests shall be taken by the Contractor's authorized representative at the discretion of the Owner.

"All samples and tests shall be performed in accordance with the Standard Specifications for Public Works Construction, North Central Texas Council of Governments (1983) as amended or supplemented."

All concrete mix designs and supporting data shall be submitted to the Owner for approval and accepted at least ten (10) days prior to placing concrete.

No separate payment will be allowed for samples and testing of material.

43. CONSTRUCTION STAKING

Construction staking will not be provided by the Owner or Engineer.

44. COMPLIANCE WITH GENERAL RULES AND LAWS

"Contractor shall familiarize himself with the nature and extent of the specifications, site conditions, traffic and safety requirements, and comply with all federal, state and local laws, ordinances, rules and regulations. Contractor shall determine how compliance with requirements, laws, rules, and regulations will affect his cost, progress or performance of the Work."

45. COMPLIANCE WITH IMMIGRATION LAWS

"Contractor shall take all steps necessary to ensure that all of the Contractor's employees are authorized to work in the United States as required by the Immigration Reform and Control Act of 1986."

46. RESOLUTION OF DISPUTES

The parties hereby covenant and agree that in the event of any controversy, dispute, or claim, of whatever nature arising out of, in connection with or in relation to the interpretation, performance or breach of this agreement, including but not limited to any claims based on contract, tort or statute, before filing a lawsuit, the parties agree to submit the matter to Alternative Dispute Resolution pursuant to the laws of the State of Texas. The parties shall select a third party arbitrator or mediator from the current list of neutrals on file with the Alternative Dispute Resolution Administrator of the Dallas County District Courts. All forms of Alternative Dispute Resolution may be used except binding arbitration. The proceedings shall be conducted in accordance with the laws of the State of Texas.

47. GENERAL SEQUENCE OF CONSTRUCTION

Prior to the start of work, the contractor shall develop a detailed construction schedule and sequence of construction, to be submitted to the Town of Addison for approval, that shall cause minimum interference with traffic along, across and adjacent to the project during construction. If the schedule or sequence becomes unworkable or unsatisfactory as work proceeds, adjustments shall be made. During all phases of construction one lane of traffic (one in each direction) and access to all side streets and driveways must be maintained at all times unless otherwise authorized in writing by the Town of Addison.

Barricades, temporary pavement markings, and channelizing devices conforming to the current edition of the Texas M.U.T.C.D. shall be used during all stages of construction to control traffic flow through the work zones. Sidewalks and/or clear passage ways must be provided at all times for pedestrian traffic in the area.

Erosion control devices must be properly installed and maintained during all stages of construction.

48. CONSTRUCTION STAKING

(NOT USED)

49. LANDSCAPE REPAIR

No separate pay shall be made for repair of damage to any and all landscaping including, but not limited to, grass, trees, shrubs, flowers, edging, etc. Such work shall be considered subsidiary to the various other items bid.

50. IRRIGATION AND SPRINKLER REPAIR

The contractor shall maintain all irrigation systems within the limits of the project during the duration of the contract. The contractor is responsible for the repair or replacement of any damage to irrigation lines, valves, controllers, sprinklers, wiring and appurtenances which are damaged during construction. All repairs shall be made by an Irrigator licensed in the state of Texas. This repair is subsidiary to the various other items bid.

51. WORKERS' COMPENSATION INSURANCE COVERAGE

A. Definitions.

Certificate of Coverage ("certificate") - A copy of a certificate of insurance, a certificate of authority to self insure issued by the Texas Workers' Compensation Commission (the

"TWCC"), or a coverage agreement (TWCC-81, TWCC-82, TWCC-83 or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

Duration of the Project - includes the time from the beginning of the work on the project until the Contractor's/person's work on the project has been completed and accepted by the governmental entity.

Persons Providing Services on the Project ("subcontractor" in Section 406.096 of the Texas Labor Code) - includes all persons or entities performing all or part of the services the Contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the Contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

- B. The Contractor shall provide coverage, based on property reporting of classification codes and payroll amounts and filing of any coverage agreement, which meets the statutory requirements of Texas Labor Code, 401.011(44) for all employees of the Contractor providing services on the project, for the duration of the project.
- C. The Contractor must provide a certificate of coverage to the Owner prior to being awarded the contract.
- D. If the coverage period shown on the Contractor's current certificate of coverage ends during the duration of the project, the Contractor must, prior to the end of the coverage period, file a new certificate of coverage with the Owner, showing that the coverage has been extended.
- E. The Contractor shall obtain from each person providing services on the project, and provide to the Owner:
 - (1) a certificate of coverage, prior to that person beginning work on the project, so that the Owner will have on file certificates of coverage showing coverage for all persons providing services on the project; and,
 - (2) no later than seven days after receipt by the Contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;
- F. The Contractor shall retain all required certificates of coverage on file for the duration of the project and for one year thereafter.
- G. The Contractor shall notify the Owner in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project.
- H. The Contractor shall post on each project site a notice, in the text, form and manner prescribed by the TWCC, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify current coverage and report failure to provide coverage.
- I. The Contractor shall contractually require each person with whom it contracts to provide services on a project to:

- (1) provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Codes 401.011 (44) for all its employees providing services on the project, for the duration of the project;
 - (2) provide to the Contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;
 - (3) provide the Contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;
 - (4) obtain from each person with whom it contracts, and provide to the Contractor;
 - a. a certificate of coverage, prior to the other person beginning work on the project; and,
 - b. a new certificate of coverage showing extension of the coverage period, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project.
 - (5) retain all required certificates of coverage on file for the duration of the project and for one year thereafter;
 - (6) notify the Owner in writing by certified mail or personal delivery, within 10 days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and
 - (7) contractually require each other person with whom it contracts to perform as required by paragraphs (1) - (7) with the certificate of coverage to be provided to the person for whom they are providing services.
- J. By signing this contract or providing or causing to be provided a certificate of coverage, the Contractor is representing to the Owner that all employees of the Contractor who will provide services on the project will be covered by worker's compensation coverage for the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the TWCC's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties or other civil actions.
- K. The Contractor's failure to comply with any of these provisions is a breach of contract by the Contractor which entitles the Owner to declare the contract void if the Contractor does not remedy the breach within ten days after receipt of notice of breach from the Owner.

The following is the form of notice of workers' compensation coverage prescribed by the TWCC. Pursuant to Section 110.110 (d) (7), this notice must be printed with a title in at least 30-point bold type, and text in at least 19-point nominal type, and shall be in both English and Spanish and any other language common to the worker population.

REQUIRED WORKERS' COMPENSATION COVERAGE

"The law requires that each person working on this site or providing services related to this construction project must be covered by workers' compensation insurance. This

includes persons providing, hauling or delivering equipment or materials, or providing labor or transportation or other service related to the project, regardless of the identity of their employer or status as an employee.

"Call the Texas Workers' Compensation Commission (TWCC) at (512) 440-3789 to receive further information on the legal requirements for coverage, to verify whether your employer has provided the required coverage, or to report an employer's failure to provide coverage."

52. PROJECT TRAILER

"The Owner will not provide the Contractor with a storage area for a project trailer. The Contractor will not be required to provide a job trailer for meetings, phone conversations and other day to day activities. Meetings can be held at the Town of Addison Service Center.

53. PREVAILING WAGE RATES

Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached hereto.

All bidders will be required to comply with Chapter 2258, Prevailing Wage Rates of Vernon's Texas Codes Annotated with respect to the payment of prevailing wage rates. This applies to the construction of a public work, including a building, highway, road, excavation, and repair work or other project development or improvement, paid for in whole or in part from public funds, without regard to whether the work is done under the public supervision or direction. A worker is employed on a public work if the worker is employed by the contractor or any subcontractor in the execution of the contract for the project.

A worker employed on a public work by or on behalf of the Town shall be paid not less than the general prevailing rate of per diem wages for the work of a similar character in the locality in which the work is performed, and not less than the general prevailing rate of per diem wages for legal holiday and overtime work.

The State of Texas has adopted the Federal Davis-Bacon wage rates for the use in Texas and the City pursuant to and in accordance with the Texas Government Code, Section 2258.022. You may access the U. S. Department of Labor web site at the following web address to obtain these rates to be used in Dallas County:

<http://www.gpo.gov/davisbacon/allstates.html>

It shall be the responsibility of the successful bidder to obtain the proper wage rates from this site for Dallas County for the type of work defined in these bid specifications.

54. COORDINATION BETWEEN CONTRACTORS

The public contractors shall coordinate and sequence their construction with each other and the private contractors through the owner.

SECTION G

TECHNICAL SPECIFICATIONS

SECTION G

TECHNICAL SPECIFICATIONS

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TECHNICAL SPECIFICATIONS

All materials and construction methods for this project shall conform with the **North Central Texas Standard Specifications for Public Works Construction (NCTSSPWC)** (not included), including all amendments, the Town of Addison Special Provisions to NCTSSPWC, and any Town of Addison Standard Construction Details adopted prior to the bid opening, unless there exists a conflict with these Technical Specifications or the project plans and standard detail sheets, in which case the Technical Specifications, plans and standard detail sheets shall govern.

3rd Edition

TS-1 WATER SERVICE BY OTHER THAN OPEN CUT - BID ITEM 1

This item is for the furnishing and installing water services regardless of size by other than open cut methods. Payment for water services installed by other than open cut shall be for each water service installed and shall include, connection to the existing water line and existing meter, adjustments or relocation of meters, new water meter box, couplings or saddles, service pipe sleeves, corporation stops, boring, surface restoration, sidewalk removal & replacement, street and alley removal & replacement, driveway removal & replacement, irrigation, all plants, sodding, mailbox removal or replacement, landscape items, labor, equipment, and material as necessary to complete the work.

All areas where concrete sidewalk has been damaged by Contractor's activities or removed by the Contractor shall be repaired immediately with a temporary asphalt surface or a permanent concrete surface. The asphalt for temporary sidewalk surfaces shall meet all ADA requirements until the permanent concrete sidewalk is constructed. Asphalt sidewalk surface shall be subsidiary to installation of the water services and shall be included in the unit bid price for water services by other than open cut.

Contractor shall remove & salvage all existing water meter boxes and deliver them to the Town of Addison Service Center. Meter box removal and delivery shall be subsidiary to installation of the water services and shall be included in the unit bid price for water services by other than open cut.

Added new meter can delivery
P

TS-2 TRENCH SAFETY PROGRAM – NO PAY ITEM

This item shall include the furnishing, installing, operating, maintaining, adjusting, and removing, all labor, materials, tools, equipment, and superintendence necessary for the trench safety program. This item shall also include the furnishing of a trench safety design for all trenches provided by this project. The design shall be in accordance with the Department of Labor criteria, OSHA safety and health standards (29CFR 1926/1010), and the Texas trench safety criteria. The design shall be prepared, signed and sealed by a registered professional geotechnical or structural engineer. The engineer shall have sufficient professional engineering competence to designate necessary geotechnical investigation, interpret information, and formulate structural design. The engineer shall be experienced in trench safety design and shall have had no trench safety design failures. The design shall provide for safety of all personnel, and the public present in or adjacent to any trench constructed under the scope of this contract. Trench Safety Program as

specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-3 FURNISH AND INSTALL BARRICADES AND SIGNS - NO PAY ITEM

This item is for the furnishing, installation and maintenance of traffic during construction as described in Special Provision 35, Traffic Control, and Special Provision 46, General Sequence of Construction. Furnish and install barricades and signs as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-4 SAW CUTTING EXISTING PAVEMENT - NO PAY ITEM

This item is for saw cutting of all existing pavement/sidewalk for the project. Pavement/sidewalk shall be saw cut full depth. Contractor's saw cut shall be such that it allows for a complete break in the cut pavement. During pavement & curb sawcutting, if the contractor is within three feet (3') of a joint he shall cut 90 degrees into the joint. No differentiation in price shall be allowed for variations in pavement depth, hardness or materials. The Contractor's price shall be for the complete in place total linear foot of pavement/sidewalk cut and shall include all labor, equipment and materials necessary to complete the work. Any broken or spalled edges will be re-sawed prior to replacement of new concrete pavement with no extra or additional payment. DO NOT CUT DRIVEWAYS IF AT ALL POSSIBLE. BORE UNDER THE DRIVE TO THE METER BOX. Saw cutting as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-5 REMOVE & REPLACE REINFORCED CONC. STREET & ALLEY PAVING WITH OR WITHOUT INTEGRAL CURB – NO PAY ITEM

This item is for the removal, disposal and construction of 8" reinforced concrete paving to include concrete curb. The concrete shall be a minimum of a 6 sacks of concrete per cubic yard mix and shall test at a minimum of 4000 psi at 28 days per ASTM C 39. Maximum slump for the concrete shall be 5". The concrete shall be dowelled to the existing pavement using #5 smooth dowel bars on 18" centers. The concrete shall be reinforced with #3 reinforcing bars at 18" spacing in each direction per the pavement detail. This item shall also include the construction of the integral curb as shown in the details and including the curb dowel as needed. The reinforcing steel shall be grade 60 and shall be supported on chairs that will support the reinforcing steel 4" above the subgrade. The contractor shall vibrate all concrete during the pour by a method approved by the City Engineer. A minimum of two 6" x 12" cylinders shall be taken for every 25 cubic yards of pour. These cylinders shall all be broken at 28 days. No sand level up course will be allowed under any paving. The paving shall have a baker broom finish and shall be cured with a highway white curing compound applied per manufactures recommendations. During pavement & curb removal, if the contractor is within three feet (3') of a joint he shall cut 90 degrees into the joint.

Samples and testing for materials is considered a subsidiary cost and shall be included in the unit bid price for this item. Remove & replace reinforced concrete paving with or without integral curb as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-6 REMOVE & REPLACE REINFORCED CONC. DRIVEWAY – NO PAY ITEM

This item is for the removal, disposal and construction of 6" reinforced concrete driveway. Contractor shall match existing concrete material. DO NOT CUT DRIVEWAYS IF AT ALL POSSIBLE. BORE UNDER THE DRIVE TO THE METER BOX. The concrete shall be a minimum of a 6 sacks of concrete per cubic yard mix and shall test at a minimum of 4000 psi at 28 days per ASTM C 39. Maximum slump for the concrete shall be 5". The concrete shall be dowelled to the existing pavement using #5 smooth dowel bars on 18" centers. The concrete shall be reinforced with #3 reinforcing bars at 18" spacing in each direction per the pavement detail. This item shall also include the construction of the integral curb as shown in the details and including the curb dowel as needed. The reinforcing steel shall be grade 60 and shall be supported on chairs that will support the reinforcing steel 4" above the subgrade. The contractor shall vibrate all concrete during the pour by a method approved by the City Engineer. A minimum of two 6" x 12" cylinders shall be taken for every 25 cubic yards of pour. These cylinders shall all be broken at 28 days. No sand level up course will be allowed under any paving. The paving shall match the existing paving.

Samples and testing for materials is considered a subsidiary cost and shall be included in the unit bid price for this item. Remove & replace reinforced concrete driveway as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-7 REMOVE & REPLACE REINFORCED CONC. SIDEWALK AND LEADWALK – NO PAY ITEM

This item is for the removal, disposal and construction of 4" reinforced concrete sidewalk and leadwalk. Contractor shall match existing concrete material. The concrete shall be a minimum of a 6 sacks of concrete per cubic yard mix and shall test at a minimum of 4000 psi at 28 days per ASTM C 39. Maximum slump for the concrete shall be 5". The concrete shall be dowelled to the existing pavement using #5 smooth dowel bars on 24" centers. The concrete shall be reinforced with #3 reinforcing bars at 24" spacing in each direction per the pavement detail. The reinforcing steel shall be grade 60 and shall be supported on chairs that will support the reinforcing steel 2" above the subgrade. The contractor shall vibrate all concrete during the pour by a method approved by the City Engineer. A minimum of two 6" x 12" cylinders shall be taken for every 25 cubic yards of pour. These cylinders shall all be broken at 28 days. No sand level up course will be allowed under any paving. The paving shall match the existing paving.

Samples and testing for materials is considered a subsidiary cost and shall be included in the unit bid price for this item. Remove & replace reinforced concrete sidewalk or leadwalk as specified shall not be paid for separately, but shall be considered incidental to all cost of

the "Water Service By Other Than Open Cut".

TS-8 TURF RESTORATION – NO PAY ITEM

General

Following construction of water mains, the associated appurtenances, and passing of all tests for the respective line segments, the Contractor shall prepare and restore the turf areas disturbed by construction. Turf areas shall be restored with the same type sod that is on the yard, in accordance with these specifications.

Sodding New Lawns

1. Area

Sod all areas adjacent to residential properties which were disturbed by construction as well as those areas with high erosion potential as directed by the Owner's Representative.

2. Soil Moisture

Pre-soak areas by water truck irrigation or other approved method to a depth of 2 inches immediately prior to sod placement. Place sod on moist but not muddy soil.

3. Placement

Deliver sod to the jobsite within 24 hours after cutting and lay immediately upon receipt. Fine grade and rake area prior to laying sod. Lay sod with staggered joints and with seams tightly fitted together. Water thoroughly after laying. Roll sod smooth after laying with 200 pound roller. Sod which is discolored or dehydrated shall be rejected and replaced at the Contractor's expense.

4. Cleanup

After planting operations are finished, clean all paved areas which have become strewn with soil or other material by sweeping and, if necessary, washing.

Protection

Erect barricades and warning signs as required to protect newly planted areas from traffic. Maintain barricades throughout maintenance period until lawn is established.

Maintenance

After the area has been sodded and approved, begin 90 days of water truck irrigation, or other approved irrigation method, to establish sufficient growth to equal 100%

coverage for sodded areas. If an automatic irrigation system has been installed at the site, the contractor shall be responsible for providing the owner with an irrigation schedule. The contractor shall also check the system throughout the 90 day period to be sure the new sodded lawn is obtaining adequate moisture.

Lawns shall be maintained by watering, fertilizing, weeding, mowing and trimming.

Any sod section which fails to grow during the 90 day maintenance period shall be removed and replaced. It shall be maintained until it is satisfactorily established, as determined by the Owner's representative.

Lawns shall be mowed as soon as there is enough grass top growth to cut with a mower set at the specified height for the principal species planted. The contractor shall perform repeat mowings as required to maintain the specified height. Remove no more than 40% of grass leaf growth in initial or subsequent mowings.

Do not delay mowing until grass blades bend over and become matted. Do not mow when grass is wet. Time initial and subsequent mowings to maintain the grass height at 1-1/2-inches to 2-inches.

Apply Type B fertilizer after the first mowing and when the grass is dry at the rate of 34 pounds per 5000 square feet

Acceptance of Lawns

When lawn work is substantially complete, including maintenance, the Owner's representative will, upon request, make an inspection to determine acceptability.

The contractor shall replant work that has been rejected and shall continue the specified maintenance until the work is reinspected by Owner's representative and found to be acceptable.

Sodded lawns will be acceptable provided requirements, including maintenance, have been complied with, and a healthy, uniform, close stand of the specified grass is established, free of weeds, bare spots, surface irregularities, open "joints" and loose sections.

Clean Up

The contractor shall promptly remove soil and debris created by lawn work from paved areas. Wheels of vehicles shall be cleaned prior to leaving site to avoid tracking soil onto surfacing of roads, walks or other paved areas.

Measurement and Payment

Restoration of turf as specified shall not be paid for separately, but shall be considered

incidental to all cost of the "Water Service By Other Than Open Cut". Payment shall be full compensation for 100% coverage of those areas restored by the Contractor for turf restoration and payment shall include raking, leveling, seeding, sodding, irrigation, hauling, proper disposal, equipment, labor, and all related materials.

Any irrigation repair shall be accomplished by a licensed irrigator by the State of Texas. Turf restoration as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-9 EROSION CONTROL DEVICES (CURB INLET PROTECTION) - NO PAY ITEM

General

Where indicated on the plans, the Contractor shall install, maintain and remove storm water pollution prevention devices (inlet erosion control devices) as shown in the plans. Devices shall be installed in accordance with and at the locations designated in the plans.

Measurement and Payment

The cost associated with installing, maintaining and removing storm water pollution prevention devices shall include but not be limited to, all equipment, labor, tools and related materials.

Erosion Control devices (curb inlet protection) as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-10 TEMPORARY ASPHALT PAVEMENT (2-INCH HMAC–Type "B" – NO PAY ITEM

General

The Contractor shall provide a temporary pavement repair immediately after trench backfill and compaction using a minimum of 2-inches of hot mix asphaltic concrete (Type "B") over a properly compacted trench. This temporary repair shall be rolled to provide a smooth transition between the existing pavement and the temporary repair.

Measurement and Payment

The cost associated with providing, maintaining, and removal of temporary asphalt pavement repair for all street cuts prior to street reconstruction shall include but not be limited to, all equipment, labor, tools and related materials.

Temporary Asphalt Pavement as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-11 NOTIFICATION TO RESIDENTS OF CONSTRUCTION - NO PAY ITEM

General

The contractor shall notify all residences on each street of the impending construction. The contractor shall notify each resident in write^{up} by a letter through the United States Post Office and by placing a "flyer" on each resident's door. A copy of each letter must be provided to the Town of Addison's Project Engineer. The letter must provide Contractor's name, address, phone number, foreman's name and cell phone number, when the construction will begin and when the construction will be completed. The letter must also inform the resident of what kind of construction is taking place. The notification letter and flyer must be approved by the Town of Addison's Project Engineer prior to mailing.

Measurement and Payment

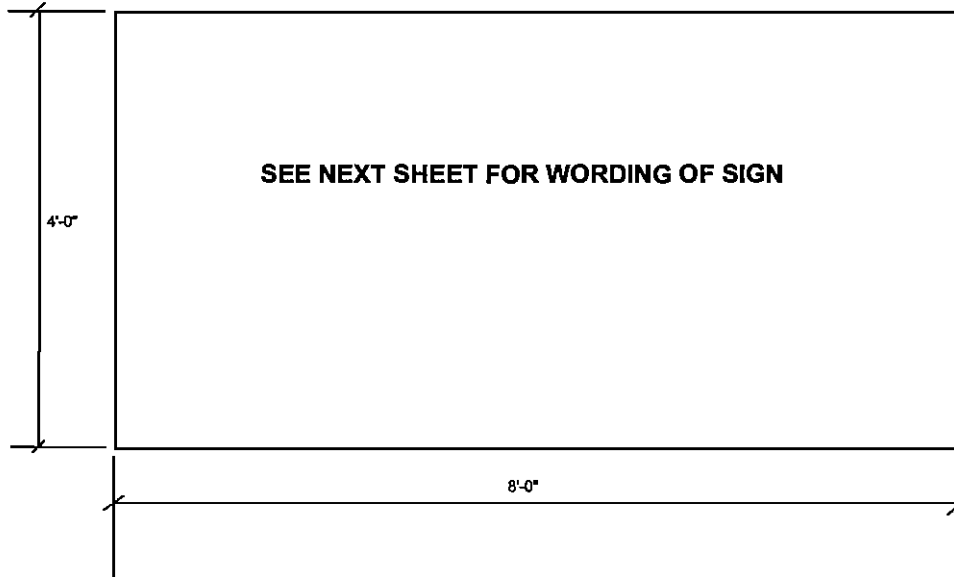
The cost associated with notifying all residences on each street of the impending construction shall include but not be limited to, all equipment, labor, tools and related materials.

Notification of residents of construction as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

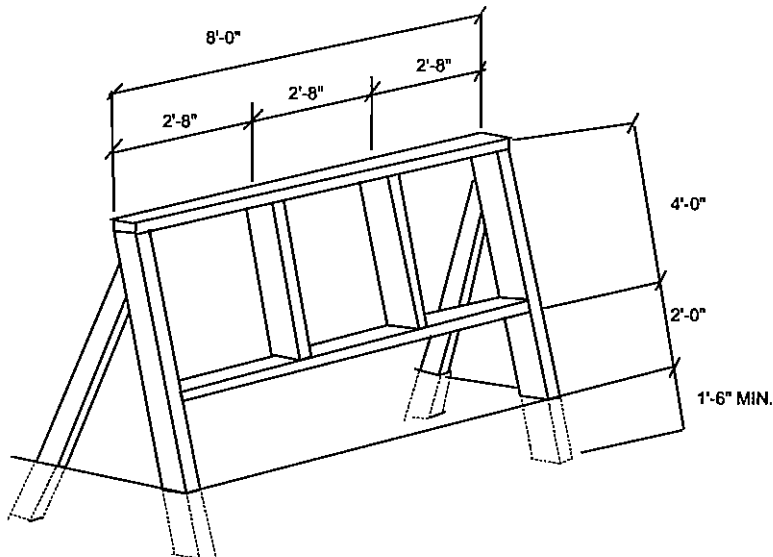
SECTION H

**SIGN FRAME DETAIL
SIGN DETAIL**

SIGN SPECIFICATIONS



PROJECT SIGN DETAIL



SPECIFICATIONS

SIGN PANEL:
1/2" LAMINATED DUOLOX
MASONITE OR 1/2"
MARINE PLYWOOD

FRAME:
2" X 4" STOCK

PAINT:
FRAME TO BE PAINTED
"WHITE", PAINT
BACKGROUND OF SIGN
"WHITE", PAINT
SIGN TEXT "BLACK", EXCEPT
WORD "ADDISON" IN "BLUE"
ALL PAINT TO BE
"EXTERIOR TYPE"

SIGN FRAME DETAIL

The Town of *Addison!*

**PLEASE PARDON THE TEMPORARY
INCONVENIENCE DURING THIS PROJECT**

**WATERFORD PARK II
PHASE I WATER SERVICE REPLACEMENT**

**CONTRACTOR:
ESTIMATED COMPLETION DATE:**

FOR MORE INFORMATION, PLEASE CALL 972.450.2860

(Sign shall be 8' x 4', 3/4-inch Plywood with white background and blue letters or as directed by the Town of Addison.
Paint to be exterior grade)

SECTION I

**PLAN SHEETS (5 SHEETS)
&
PHOTOGRAPHS**

3/4" - 2" WATER SERVICE

APPROVED MATERIALS and PROCEDURES

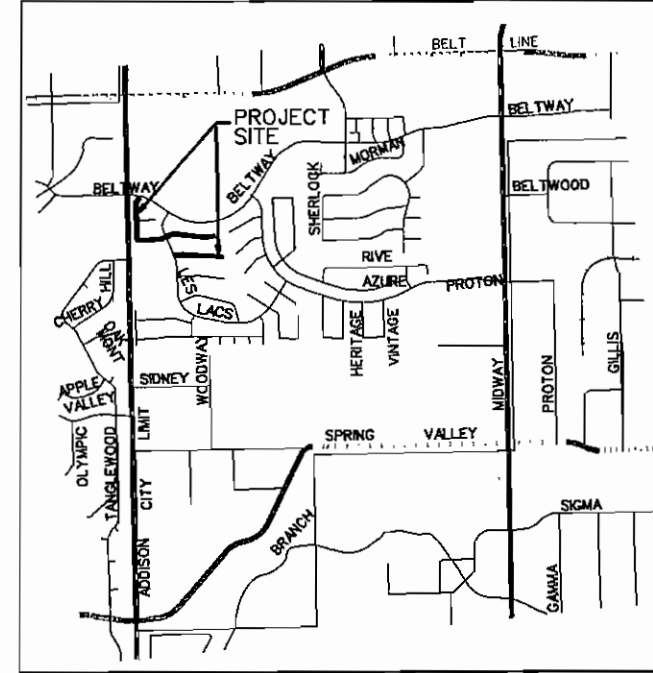
1. Use existing saddle.
2. Mueller Servi-Seal style 502, 504, 506, 508; 7" min. length; Fard Style FS303-CC, or equal (Submittal to Public Works Dept. for approval).
3. Reuse existing corporation stop. Contractor shall replace nut and gasket.
4. Pipe and meter size shall be determined by owner with approval of Building Inspection or Public Works/Engineering Departments: Piping shall be continuous type "K" copper from corporation to curb stop and completely embedded in sand 6" around the pipe.
5. Meter boxes shall be of sufficient size to accommodate the curb stop, meter, and all connections. They shall have a cover with reader lid. Concrete boxes shall be stacked to achieve sufficient depth (see "B&C" this sheet).
6. The tapping saddle and corporation stop must be poly-wrapped (8 mil) and hand backfilled with sand to a depth of 12". Additional backfill may be done by machine, with material free of rocks and clods exceeding three (3) inches in diameter. CAUTION!! Inspection must be called for and completed prior to backfill, or tap must be reexposed by the contractor so that the Town's representative may complete the inspection.

WATER SERVICE

Sizes 3/4" - 2"

Contractors and/or plumbers are responsible for compliance with the following specifications:

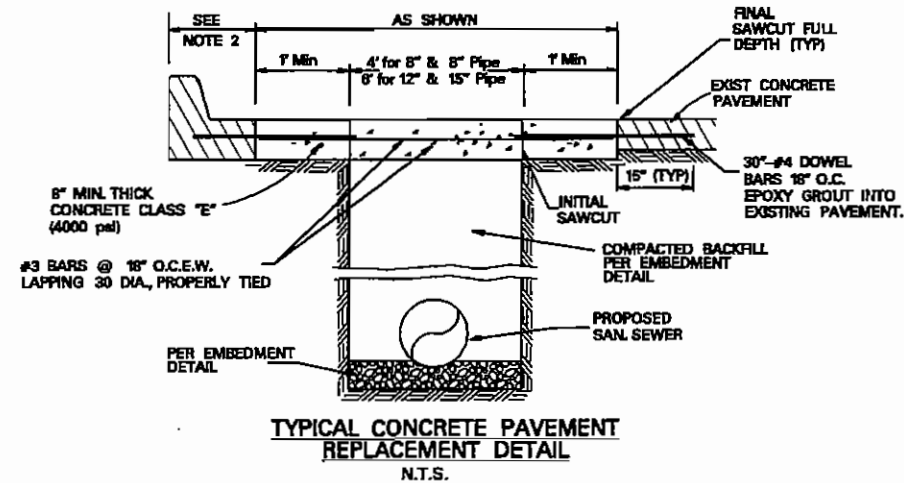
- A. The Owner/Developer, or their contractor, shall supply water meters that conform to Town specifications as to make and type (See General Requirements for Water Service). All meters shall be equipped with electronic encoder registers for connection to touch-pad readers. Touch-pads shall be mounted at the direction of the Utilities Superintendent.
- B. Meters shall be set within the Utility easement and out of vehicular traffic flow and/or parking spaces. Curb stops are to be set 6" to 12" below finished grade.
- C. To prevent the inflow of mud or silt into the box, 4" to 6" of washed pea gravel shall be placed under the meter inside the box, allowing for 2" to 6" of open space below the meter. Meter box shall be minimum 18" deep. (See Figure SM-1).
- D. Meter boxes and openings shall be large enough to allow access to, and operation of all meter nuts/flanges/bolts, and the curb stop without obstruction.
- E. Boxes unavoidably vulnerable to vehicular traffic shall have load-bearing frames and lids designed to withstand the anticipated load. Submittal and City engineer approval is required.
- F. All companion flanges shall be elliptical brass, and all bolts & nuts shall be grade 316 stainless steel, 7/8"-11 x 2 1/2" hex head.
- G. Meters shall be set level in all directions.



LOCATION MAP
N.T.S.

NOTES:

1. ALL EXISTING PAVEMENT SHALL BE SAW CUT BACK AS TO PRODUCE A VERTICAL EDGE FOR THE FULL DEPTH OF PAVING. THE INSTALLATION OF THE CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH THE "NORTH CENTRAL TEXAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION".
2. WHEN THIS DIMENSION IS LESS THAN 1'-6", REMOVE AND REPLACE THE EXISTING INTEGRAL CURB. WHEN THE EXISTING CURB IS LEFT IN PLACE, INSTALL #3 DEFORMED BARS @ 18" O.C. AND EPOXY GROUT INTO EXISTING CURB AND GUTTER SECTION.



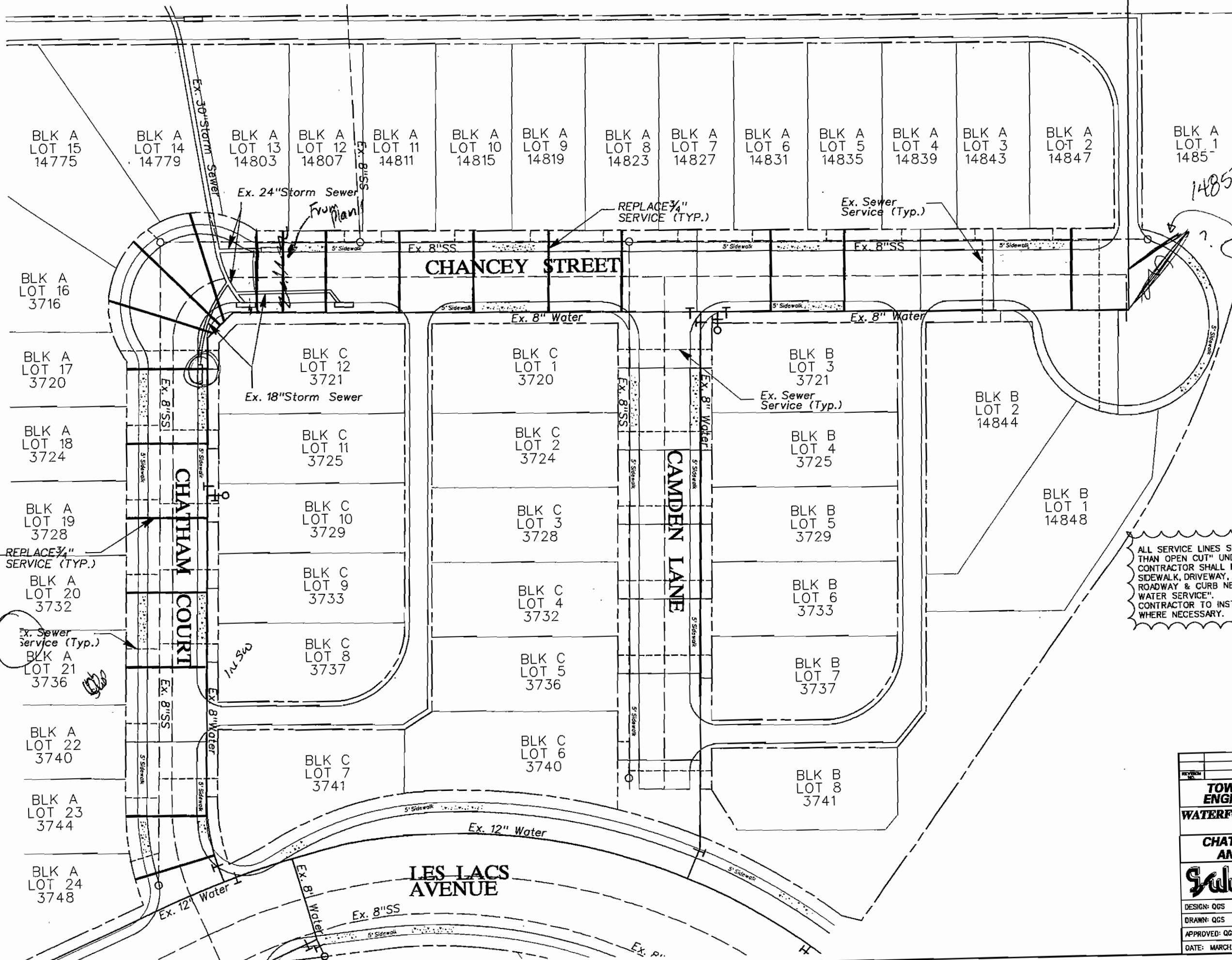
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TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
WATERFORD PARK SERVICE LINE REPLACEMENTS			
GENERAL NOTES			
		GSWW, INC. 327 BRADY TRAIL, 3000 FORBES CROSS BLVD. DALLAS, TEXAS 75229 FORT WORTH, TX 76117 (972) 420-0251 (817) 324-1444	
DESIGN: QGS		SCALE:	
DRAWN: QGS		SHEET	
APPROVED: QGS			
DATE: MARCH, 2005			

USER: qjphreuz
 TEL: E:\TABLES\mform.tbl
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 DGN: E:\Projects\MicroStation\Addison\waterford park\waterse.dgn - 08-1-03

USER:bdouze

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C:\P\F\Projects\MicroStation\Addison\waterford park\water-cham-west\chancey.dgn - 04-1-14-15-21



BLK A LOT 1 1485

148577

From plans

BLK A LOT 15 14775

BLK A LOT 14 14779

BLK A LOT 13 14803

BLK A LOT 12 14807

BLK A LOT 11 14811

BLK A LOT 10 14815

BLK A LOT 9 14819

BLK A LOT 8 14823

BLK A LOT 7 14827

BLK A LOT 6 14831

BLK A LOT 5 14835

BLK A LOT 4 14839

BLK A LOT 3 14843

BLK A LOT 2 14847

BLK A LOT 16 3716

BLK A LOT 17 3720

BLK A LOT 18 3724

BLK A LOT 19 3728

BLK A LOT 20 3732

BLK A LOT 21 3736

BLK A LOT 22 3740

BLK A LOT 23 3744

BLK A LOT 24 3748

BLK C LOT 12 3721

BLK C LOT 11 3725

BLK C LOT 10 3729

BLK C LOT 9 3733

BLK C LOT 8 3737

BLK C LOT 7 3741

BLK C LOT 1 3720

BLK C LOT 2 3724

BLK C LOT 3 3728

BLK C LOT 4 3732

BLK C LOT 5 3736

BLK C LOT 6 3740

BLK B LOT 3 3721

BLK B LOT 4 3725

BLK B LOT 5 3729

BLK B LOT 6 3733

BLK B LOT 7 3737

BLK B LOT 8 3741

BLK B LOT 2 14844

BLK B LOT 1 14848

CHANCEY STREET

CHATHAM COURT

CAMDEN LANE

LES LACS AVENUE

REPLACE 3/4" SERVICE (TYP.)

REPLACE 3/4" SERVICE (TYP.)

Ex. Sewer Service (Typ.)

Ex. 24" Storm Sewer

Ex. 18" Storm Sewer

Ex. 8" Water

Ex. 8" Water

Ex. Sewer service (Typ.)

Ex. Sewer Service (Typ.)

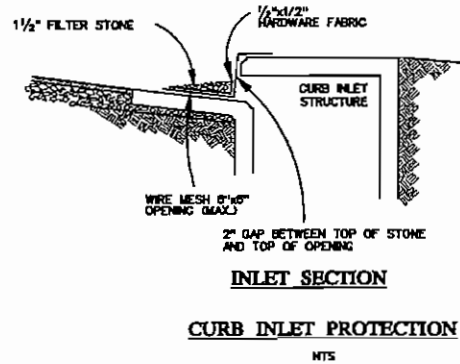
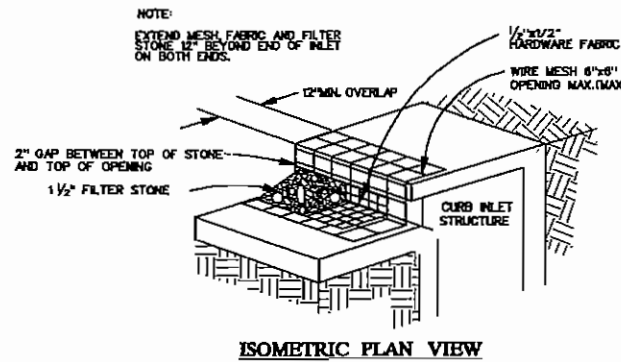
ALL SERVICE LINES SHALL BE REPLACED "BY OTHER THAN OPEN CUT" UNDERNEATH THE EXISTING ROADWAY. CONTRACTOR SHALL REMOVE AND REPLACE ANY SIDEWALK, DRIVEWAY, ALLEY PAVEMENT AND LIMITED ROADWAY & CURB NECESSARY TO INSTALL THE "LONG WATER SERVICE". CONTRACTOR TO INSTALL TEMPORARY MAIL BOXES WHERE NECESSARY.

NO.	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT WATERFORD PARK SERVICE LINE REPLACEMENTS CHATHAM COURT - WEST AND CHANCEY STREET			
<small>GSD, INC. 3071 READY TRAIL, 3000 FOSSIL CREEK BLVD. DALLAS, TEXAS 75228 FORT WORTH, TX 76117 (972) 630-2255 (817) 359-4444 CIVIL / ENVIRONMENTAL ENGINEERS</small>			
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DRAWN:	QGS	SHEET	
APPROVED:	QGS		
DATE:	MARCH, 2005		

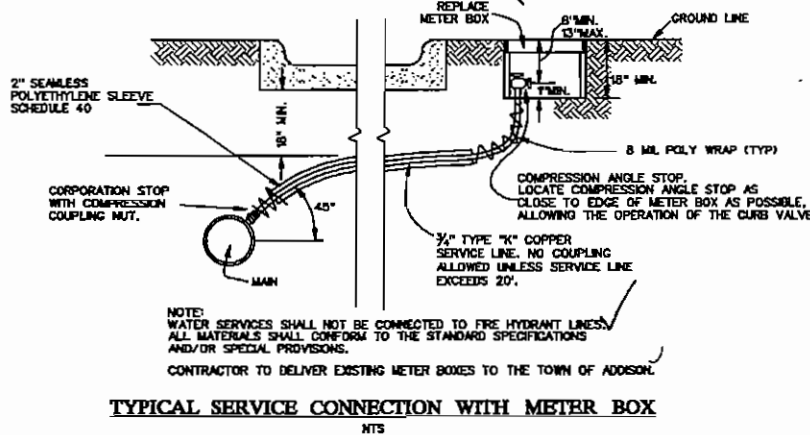
ADDISON GENERAL CONSTRUCTION NOTES

- UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL OF THE UTILITY OWNERS TO ARRANGE FOR EXACT LOCATIONS AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

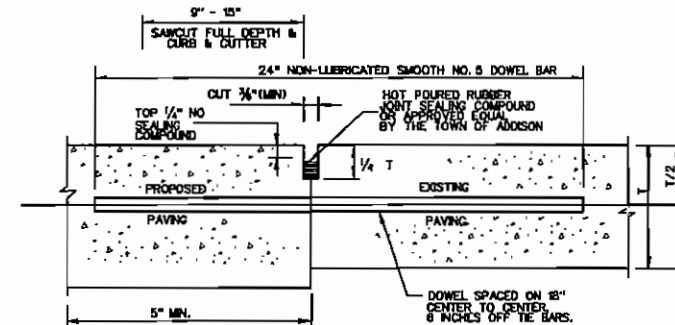
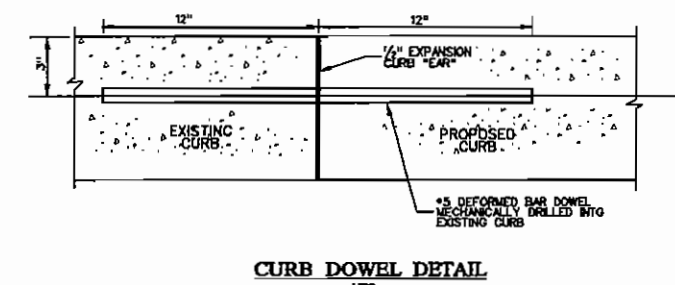
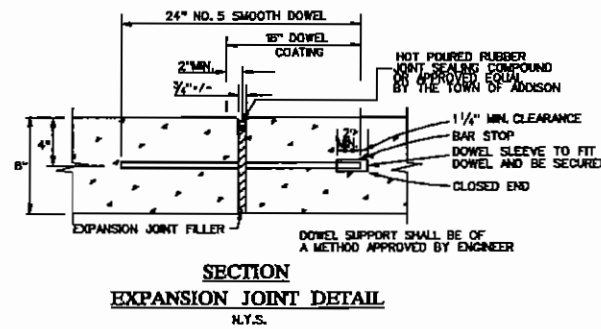
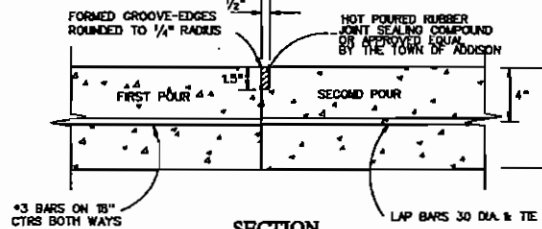
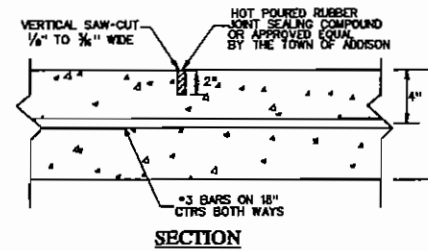
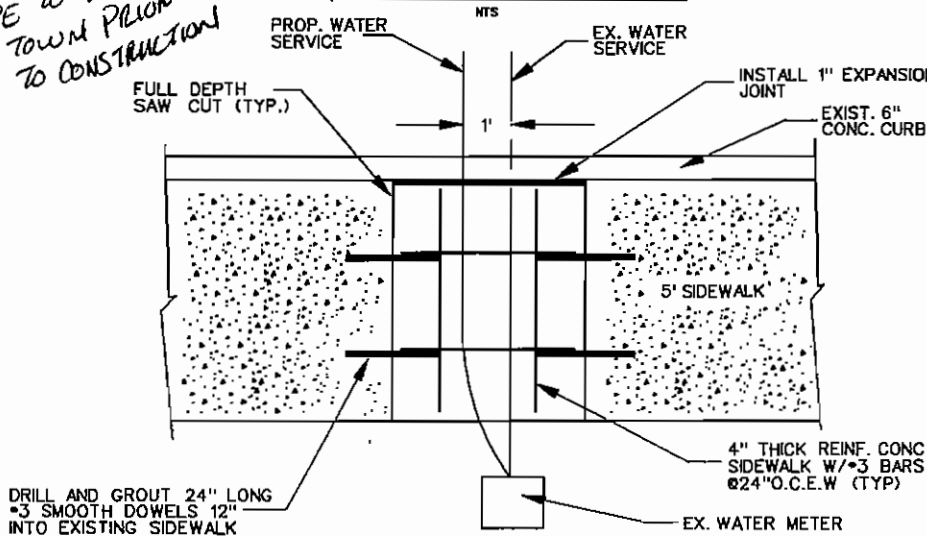
UTILITY	TELEPHONE #
TXU ELECTRIC & GAS	1-800-344-8377
CITE TELEPHONE	1-800-344-8377
TELE-CABLE	(214) 578-7573
DIG-TESS	(214) 578-7573
SOUTHWESTERN BELL TELEPHONE	1-800-395-0440
AT&T	1-800-245-4545
QUARTER CABLE	1-817-509-8272
	1-817-509-2225 (DISPATCH)
- THE CONTRACTOR SHALL MAINTAIN EXISTING SERVICES AND EXISTING WATER MAINS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN FIRE EMERGENCY VEHICLE ACCESS TO FIRE HYDRANTS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE DRIVEWAY OPENING FOR INGRESS/EGRESS OF VEHICULAR TRAFFIC TO/FROM PRIVATE PROPERTY THROUGHOUT CONSTRUCTION.
- IRRIGATION AND SPRINKLER SYSTEM NOTES:
 - THE CONTRACTOR SHALL HIRE A LICENSED IRRIGATOR AS A SUBCONTRACTOR TO OVERSEE ALL ACTIVITIES THAT IMPACT EXISTING OR PROPOSED IRRIGATION SYSTEMS.
 - PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES, EXISTING IRRIGATION SYSTEMS SHALL BE TURNED ON. THE LOCATION OF THE HEADS, VALVES, AND PIPE SHALL BE MARKED WHERE DEMOLITION OR CONSTRUCTION WILL IMPACT THE SYSTEM. DEFICIENCIES IN THE SYSTEM SHALL BE NOTED AND REPORTED TO THE SYSTEM OWNER. A PHOTOGRAPHIC OR VIDEO RECORD SHALL BE MADE IF APPROPRIATE.
 - PIPING SHALL BE CUT, CAPPED AND MARKED AT THE LIMITS OF CONSTRUCTION.
 - AT THE COMPLETION OF CONSTRUCTION, THE LICENSED IRRIGATOR SHALL RESTORE AND TEST THE IRRIGATION SYSTEM FOR PROPER FUNCTION. THE TEST SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OF ADDISON'S PUBLIC WORKS INSPECTOR, AND THE SYSTEM OWNER.
 - ALL COST ASSOCIATED WITH SPRINKLER SYSTEM REPAIR IS SUBSIDIARY TO THE PROJECT.
- CONTRACTOR SHALL CONFORM WITH THE "NORTH CENTRAL TEXAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (NCTSSPWC) INCLUDING ALL AMENDMENTS, THE TOWN OF ADDISON SPECIAL PROVISIONS TO NCTSSPWC, AND ANY TOWN OF ADDISON STANDARD CONSTRUCTION DETAILS.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN OF ADDISON ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO BEGINNING WORK. ONE LANE OF TRAFFIC MUST BE MAINTAINED DURING CONSTRUCTION.
- ALL STREET, ALLEY, AND DRIVEWAY PAVEMENT SHALL BE 8-INCH, 4000 PSI CONCRETE WITH #3 BARS ON 18-INCH CENTERS BOTH WAYS.
- ALL PORTIONS OF EXISTING DRIVEWAY THAT ARE TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR.
- ALL WATER SERVICE LINES SHALL BE BORED UNDERNEATH THE EXISTING PAVEMENT.
- THE CONTRACTOR SHALL CONNECT ALL NEW SERVICE LINES TO THE EXISTING WATER METERS AND EXISTING CORPORATION STOP ON THE EXISTING WATER LINE.
- ALL CONCRETE PAVEMENT WITHIN THE PROJECT LIMITS SHALL BE SAWCUT. ALL SAWCUTS SHALL BE FULL DEPTH.
- NO TREES SHALL BE CUT DOWN OR TRIMMED WITHOUT PRIOR WRITTEN APPROVAL FROM THE TOWN OF ADDISON. ANY WORK DONE TO THE TREE OR WITHIN THE TREE DRIP LINE SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OF ADDISON REPRESENTATIVE.
- THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITY POLES, LIGHT POLES, SIGNALS, AND CUY WIRES. (NO SEPARATE PAY ITEM)
- THE CONTRACTOR SHALL FURNISH, INSTALL & MAINTAIN ALL EROSION CONTROL DEVICES AT ALL INLETS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING MAILBOXES. TEMPORARY MAILBOXES SHALL BE INSTALLED BY THE CONTRACTOR AT ALL LOCATIONS WHERE EXISTING MAILBOXES WILL BE TEMPORARILY REMOVED DURING CONSTRUCTION. MAILBOXES AND MAIL SERVICE SHALL BE MAINTAINED THROUGHOUT THE PROJECT. (NO SEPARATE PAY ITEM)
- ALL BARRICADES AND SIGNS SHALL BE PLACED WITH THE TOWN OF ADDISON'S APPROVAL PRIOR TO PLACEMENT.
- TESTING IS TO BE ACCOMPLISHED BY A TOWN OF ADDISON APPROVED LAB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DISINFECTION AND TESTING.
- STAGING AND STORAGE FOR THIS PROJECT SHALL BE APPROVED BY THE TOWN OF ADDISON PRIOR TO ANY CONSTRUCTION ACTIVITY. AT NO TIME WILL PUBLIC RIGHT-OF-WAY BE USED FOR STAGING OR STORAGE.
- ALL NEW DUMMY AND EXPANSION JOINTS SHALL MATCH EXISTING JOINT LOCATIONS
- CONTRACTOR SHALL VIDEO TAPE THE SITE IN ITS ENTIRETY PRIOR TO ANY CONSTRUCTION. *CONTRACTOR TO PROVIDE A COPY OF THIS TAPE TO THE TOWN PRIOR TO CONSTRUCTION*
- CONTRACTOR SHALL SUPPLY ASBUILT DRAWINGS TO THE TOWN OF ADDISON.
- ALL AREAS WHERE CONCRETE SIDEWALK HAS BEEN DAMAGED BY CONTRACTOR'S ACTIVITIES OR REMOVED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY WITH A TEMPORARY ASPHALT SURFACE OR A PERMANENT CONCRETE SURFACE. THE TEMPORARY ASPHALT SIDEWALK SURFACE SHALL MEET ALL ADA REQUIREMENTS UNTIL THE PERMANENT CONCRETE SIDEWALK IS CONSTRUCTED TO ADA REQUIREMENTS.
- AS PART OF BID ITEM NO. 1, THE CONTRACTOR SHALL PROVIDE A NEW METER BOX AND LID (BASS & HAYS NO. 34 BIS (62 BIS FOR TRAFFIC AREAS) OR EQUAL IN ACCORDANCE WITH THE TOWN OF ADDISON STANDARDS.
- THE EXISTING METER BOXES SHALL BE REMOVED AND DELIVERED TO THE TOWN OF ADDISON SERVICE CENTER BY THE CONTRACTOR.



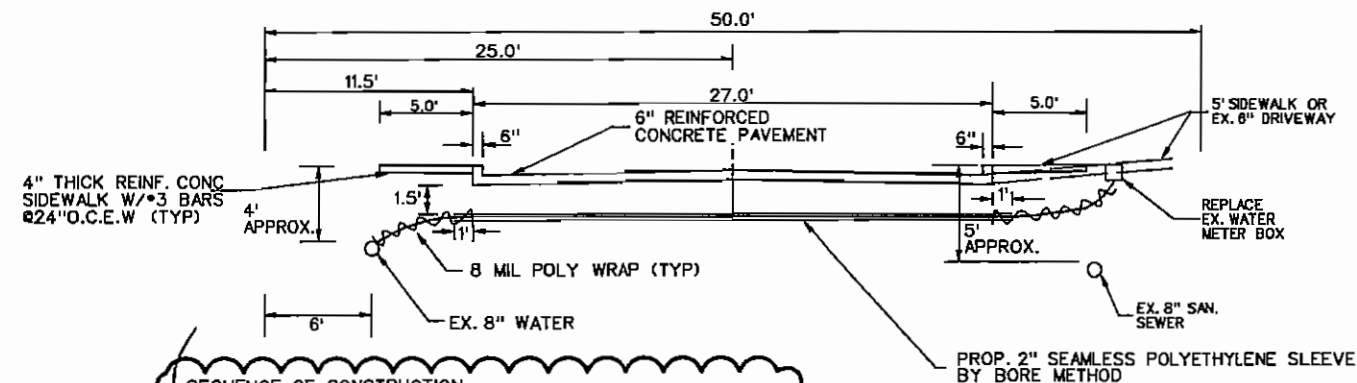
BASS & HAYS NO 34 BIS (62 BIS FOR TRAFFIC AREAS) OR EQUAL



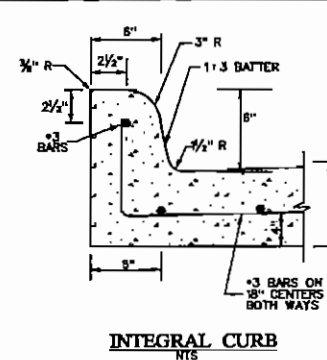
SIDEWALK REPLACEMENT DETAIL N.T.S.



- NOTES:
- NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 6 INCH AND 8 INCH PAVEMENT THICKNESS.
 - DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG. DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.



- SEQUENCE OF CONSTRUCTION
- LOCATE ALL EXISTING UNDERGROUND UTILITIES
 - UNCOVER EXISTING SERVICE TAP AT MAIN TO BACK OF CURB.
 - BORE 2" POLYETHYLENE NEXT TO EXISTING SERVICE.
 - INSTALL NEW 3/4" COPPER SERVICE LINE THROUGH THE SLEEVE.
 - DISCONNECT EXISTING WATER SERVICE AND CONNECT NEW WATER SERVICE AND WATER METER BOX.
 - COMPACT BORE PIT TO 95% PROCTOR AND REPAIR WORK AREA TO ORIGINAL CONDITIONS.



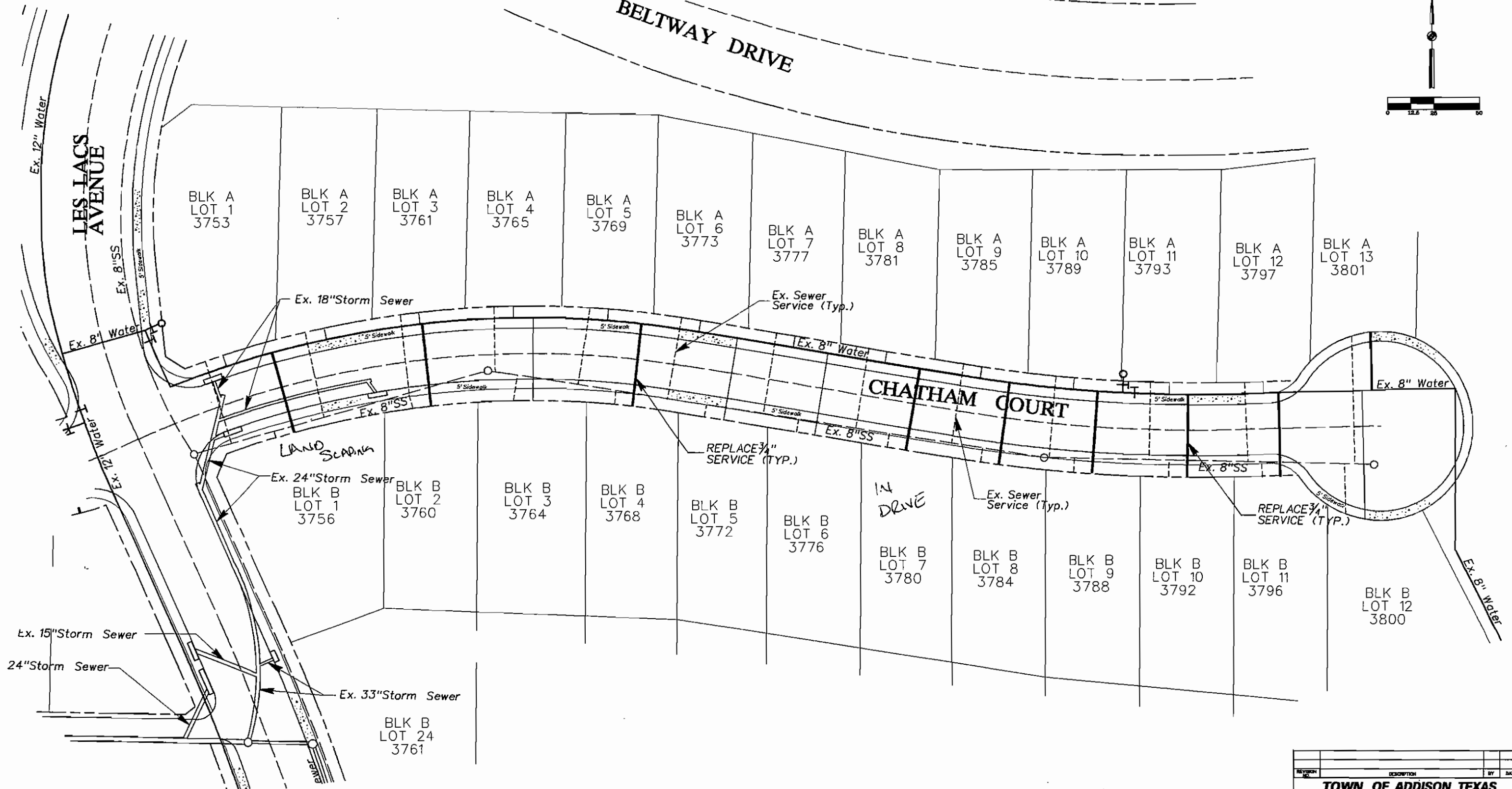
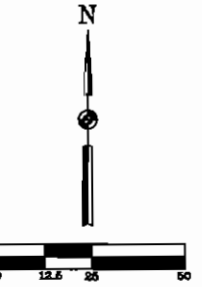
REVISION NO.	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
WATERFORD PARK SERVICE LINE REPLACEMENTS			
GENERAL NOTES			
GSDW, INC.			
303 BRADY TRAIL, 303 FORREST CREEK BLVD. DALLAS, TEXAS 75228 FORT WORTH, TX 76107 (972) 622-2255 (817) 324-3444 CIVIL / ENVIRONMENTAL ENGINEERS			
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DRAWN: QGS			SHEET
APPROVED: QGS			
DATE: MARCH, 2005			

USER: bdsuz

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DOK-EN\Projects\MicroStation\Addison\waterford park\waterford\chatham-east.dgn - ON: 1-14-18-20

BELTWAY DRIVE



ALL SERVICE LINES SHALL BE REPLACED "BY OTHER THAN OPEN CUT" UNDERNEATH THE EXISTING ROADWAY. CONTRACTOR SHALL REMOVE AND REPLACE ANY SIDEWALK, DRIVEWAY, ALLEY PAVEMENT AND LIMITED ROADWAY & CURB NECESSARY TO INSTALL THE "LONG WATER SERVICE". CONTRACTOR TO INSTALL TEMPORARY MAIL BOXES WHERE NECESSARY.

REVISION	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
WATERFORD PARK SERVICE LINE REPLACEMENTS			
CHATHAM COURT - EAST			
		GSDW, INC.	
<small>2877 SHADY TRAIL, 3500 FOREL CREEK BLVD. DALLAS, TEXAS 75229 FORT WORTH, TX 76117 (972) 692-6215 (817) 326-4464 CIVIL / ENVIRONMENTAL ENGINEERS</small>			
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DATE: MARCH, 2005			

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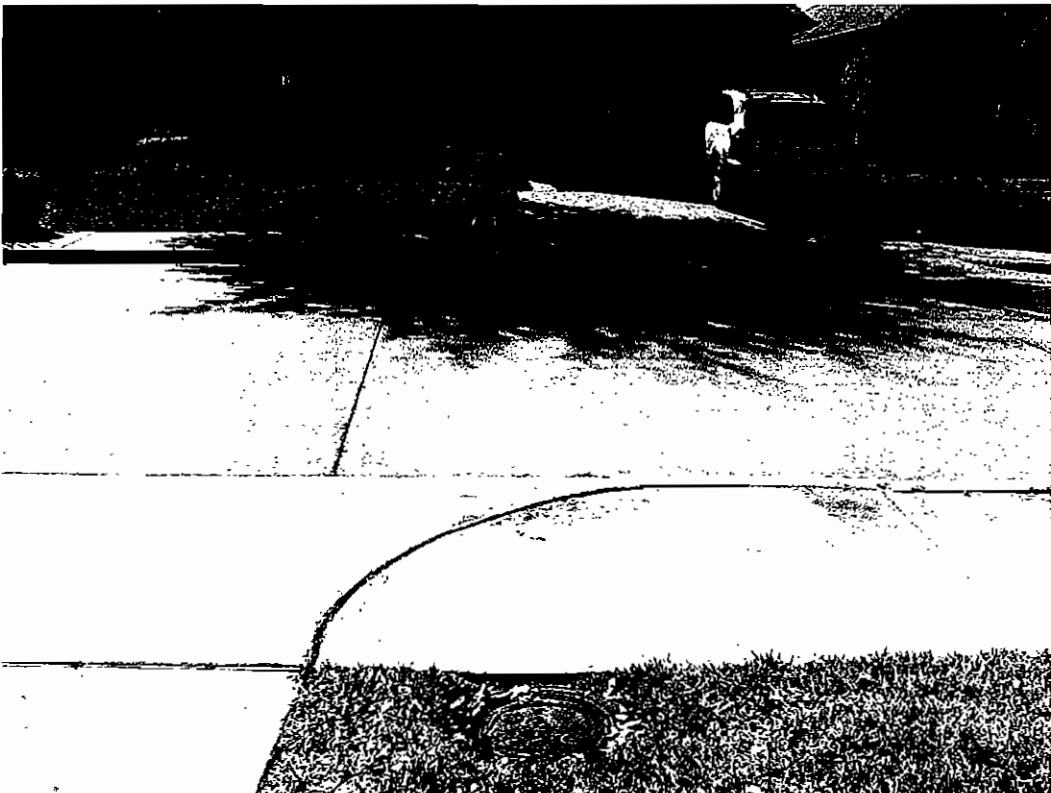
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QGS

Waterford Park II



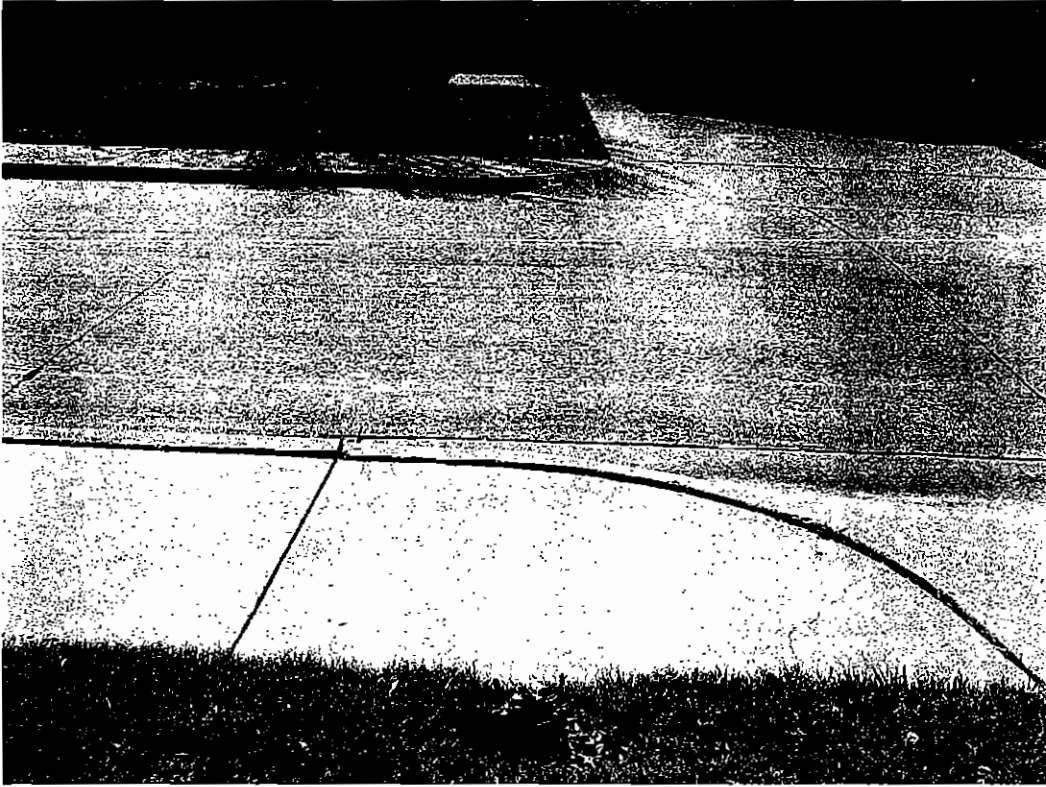
3796 Chatham Court Drive



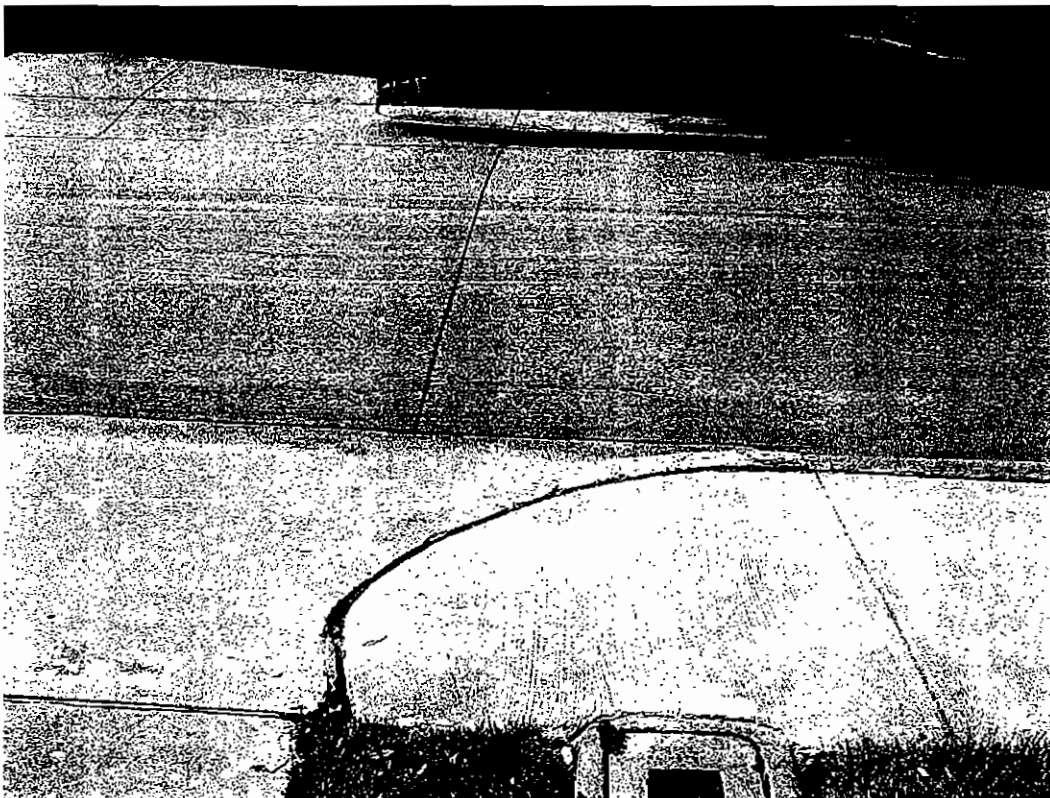
3792 Chatham Court Drive

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



3788 Chatham Court Drive



3784 Chatham Court Drive

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



3780 Chatham Court Drive



3768 Chatham Court Drive

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



3760 Chatham Court Drive



3756 Chatham Court Drive (1)

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



3756 Chatham Court Drive (2)



3748 Chatham Court Drive

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Waterford Park II



3744 Chatham Court Drive



3736 Chatham Court Drive

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Waterford Park II



3732 Chatham Court Drive



3728 Chatham Court Drive

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Waterford Park II



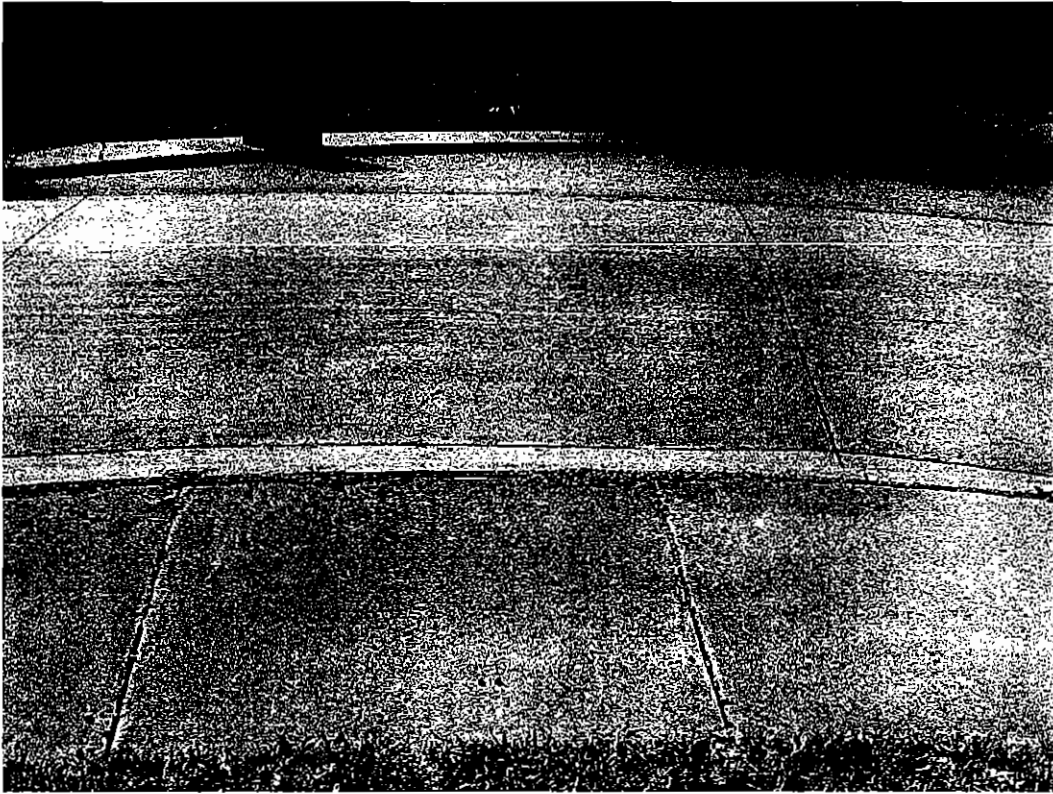
3724 Chatham Court Drive



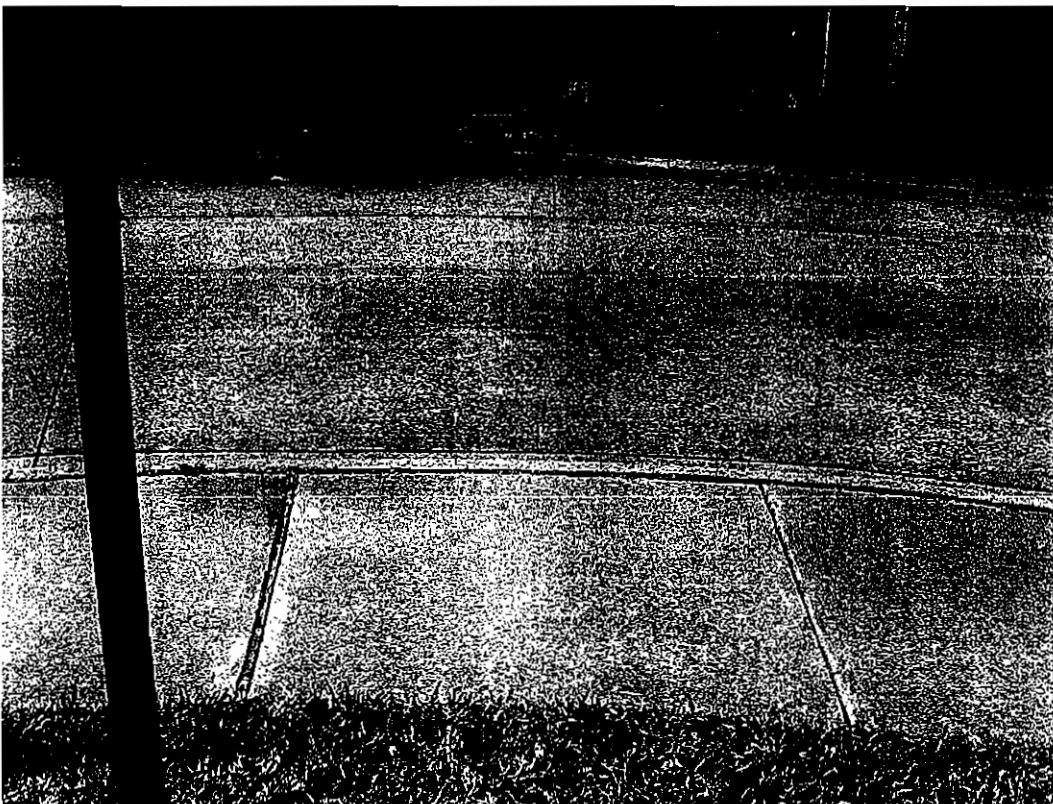
3720 Chatham Court Drive

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



3716 Chatham Court Drive



14775 Chancey Street

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Waterford Park II



14779 Chancey Street



14803 Chancey Street

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Waterford Park II



14807 Chancey Street



14811 Chancey Street

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



14815 Chancey Street



14819 Chancey Street

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



14823 Chancey Street



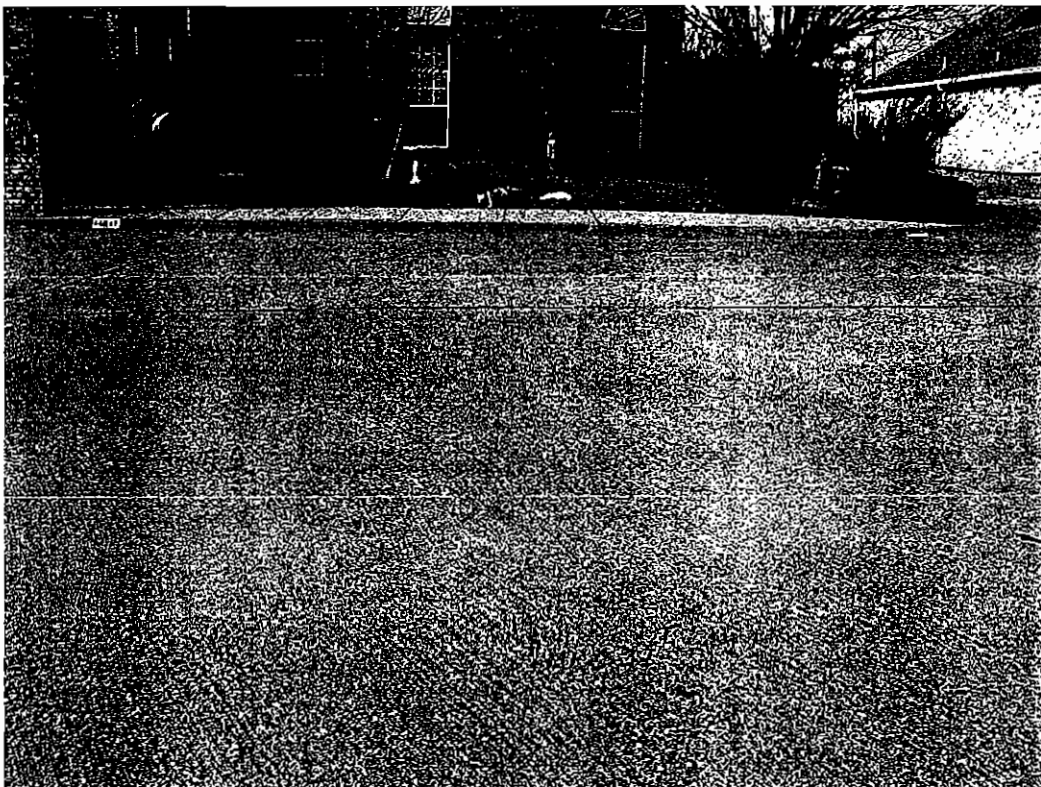
14831 Chancey Street

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



14835 Chancey Street



14847 Chancey Street

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



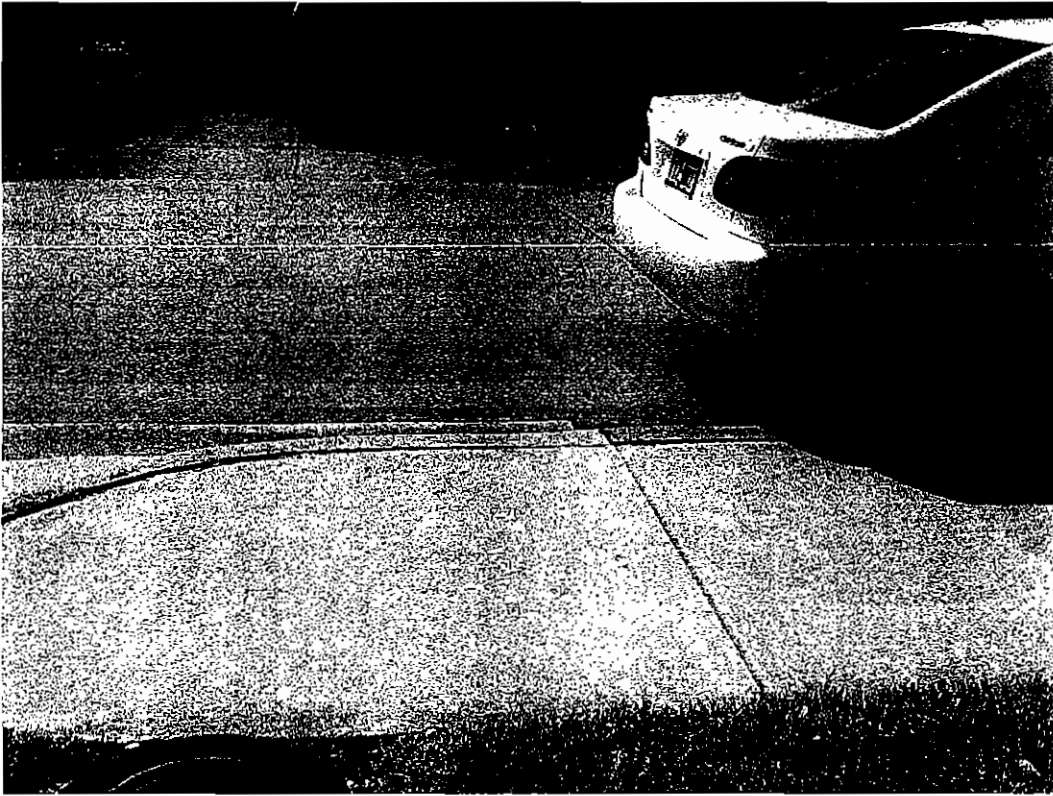
14857 Chancey Street



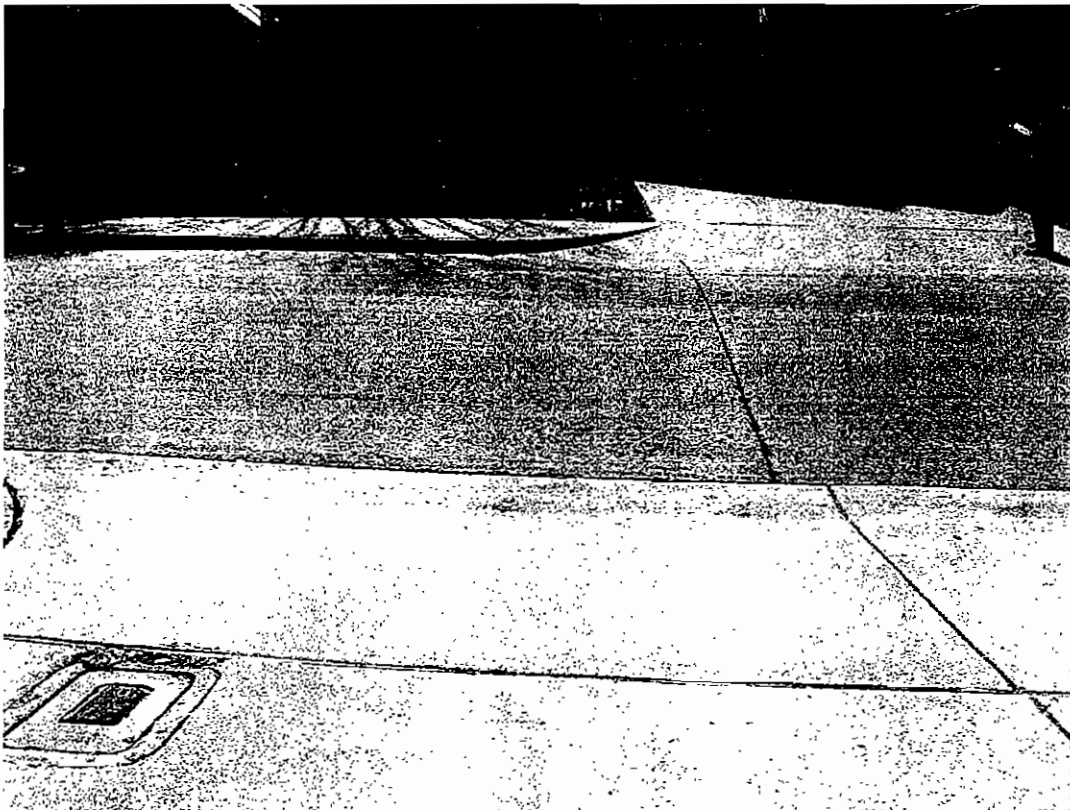
3764 Lakeway Court

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



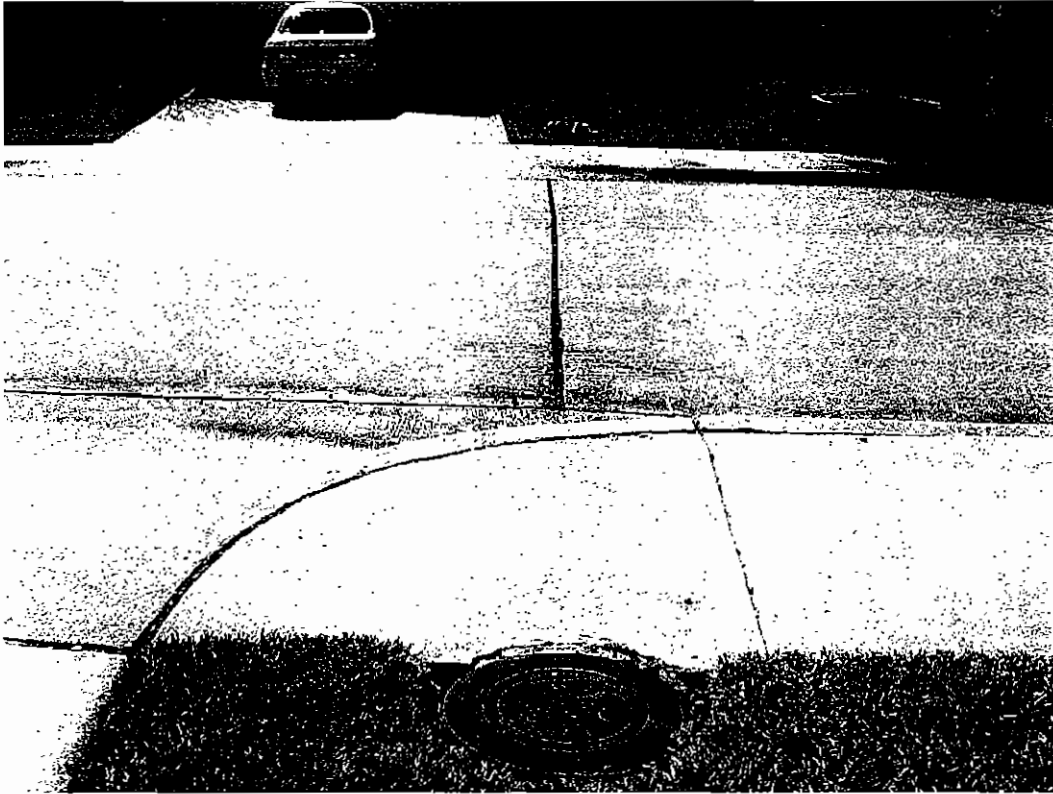
3768 Lakeway Court



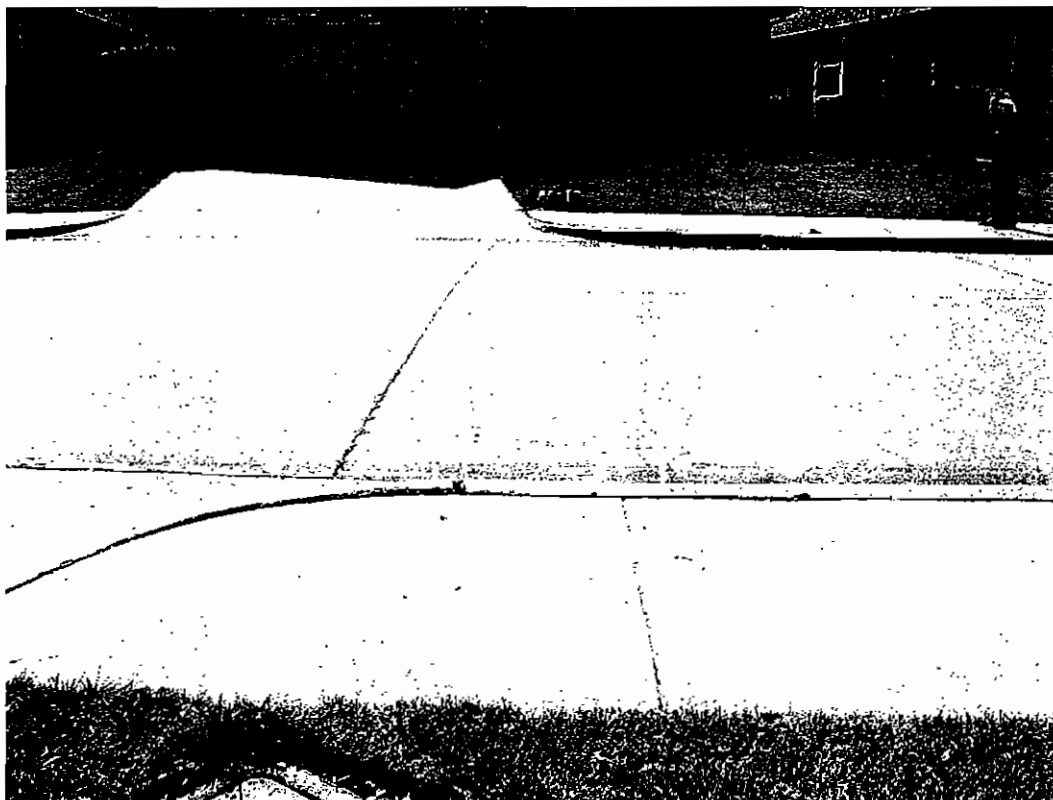
3772 Lakeway Court

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



3776 Lakeway Court



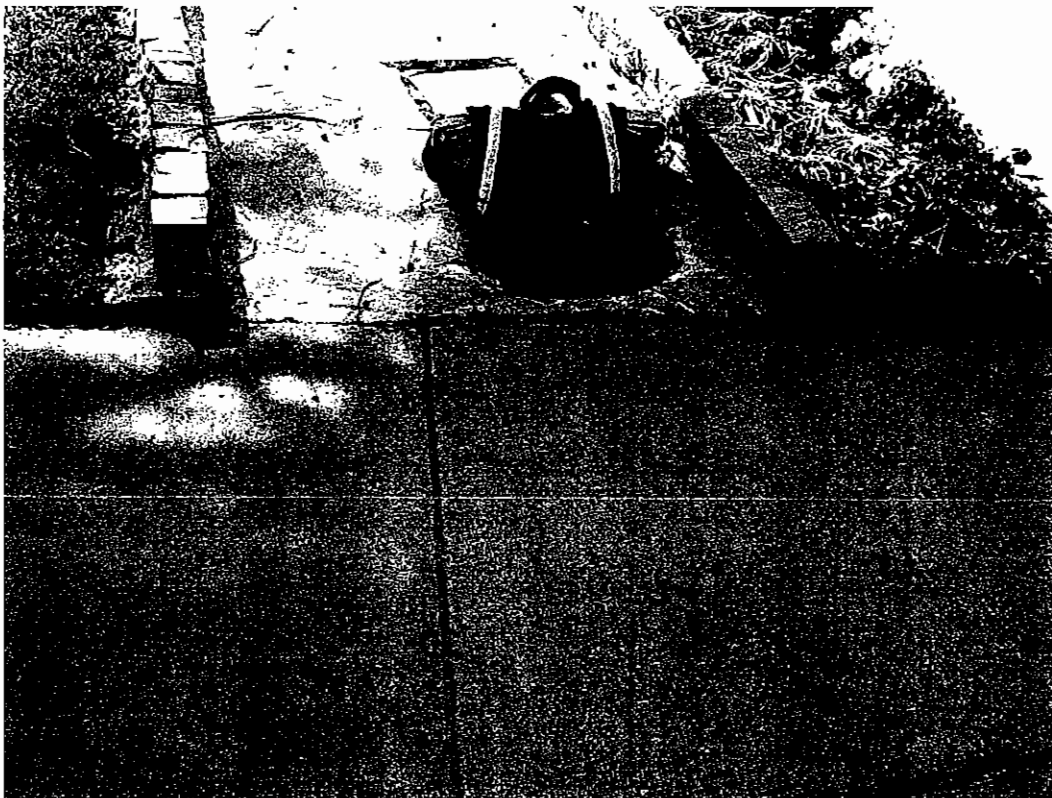
3780 Lakeway Court

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



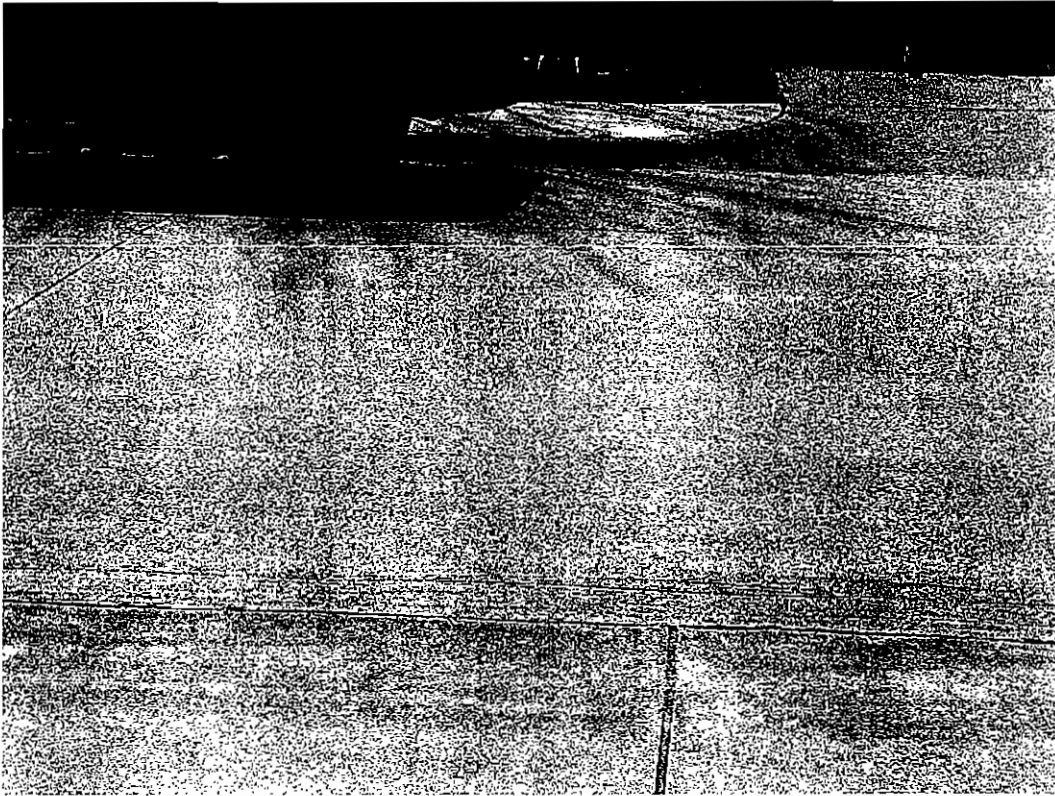
3784 Lakeway Court (1)



3784 Lakeway Court (2)

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Waterford Park II



3800 Lakeway Court

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

3/4" - 2" WATER SERVICE

APPROVED MATERIALS and PROCEDURES

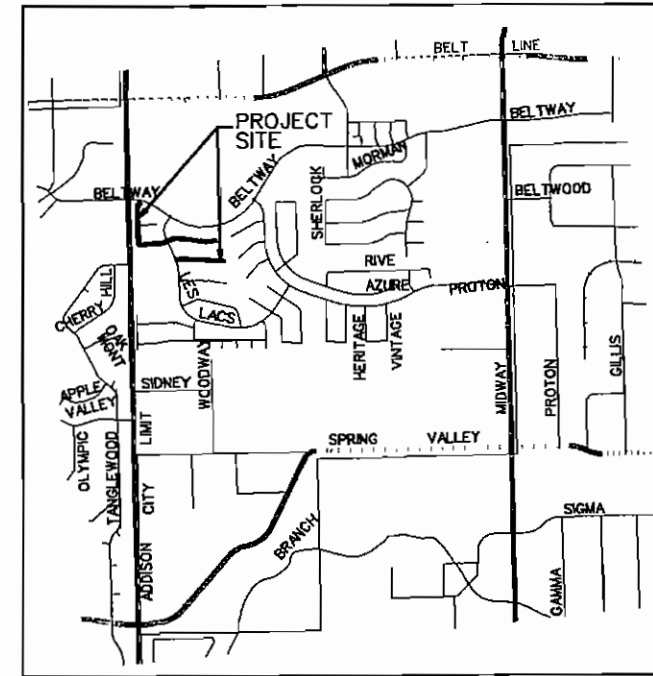
1. Use existing saddle.
2. Mueller Servi-Seal style 502, 504, 506, 508; 7" min. length; Ford Style FS303-CC, or equal (Submittal to Public Works Dept. for approval).
3. Reuse existing corporation stop. Contractor shall replace nut and gasket.
4. Pipe and meter size shall be determined by owner with approval of Building Inspection or Public Works/Engineering Departments: Piping shall be continuous type "K" copper from corporation to curb stop and completely embedded in sand 6" around the pipe.
5. Meter boxes shall be of sufficient size to accommodate the curb stop, meter, and all connections. ~~They shall have a cover with reader lid. Concrete boxes shall be stacked to achieve sufficient depth (see "B&C" this sheet).~~ *They shall be corrugated can 18" diameter x 18" height with 12 5/8" locking cover.*
6. The tapping saddle and corporation stop must be poly-wrapped (8 mil) and hand backfilled with sand to a depth of 12". Additional backfill may be done by machine, with material free of rocks and clods exceeding three (3) inches in diameter. CAUTION!! Inspection must be called for and completed prior to backfill, or tap must be reexposed by the contractor so that the Town's representative may complete the inspection.

WATER SERVICE

Sizes 3/4" - 2"

Contractors and/or plumbers are responsible for compliance with the following specifications:

- A. The Owner/Developer, or their contractor, shall supply water meters that conform to Town specifications as to make and type (See General Requirements for Water Service). All meters shall be equipped with electronic encoder registers for connection to touch-pad readers. Touch-pads shall be mounted at the direction of the Utilities Superintendent.
- B. Meters shall be set within the Utility easement and out of vehicular traffic flow and/or parking spaces. Curb stops are to be set 6" to 12" below finished grade.
- C. To prevent the inflow of mud or silt into the box, 4" to 6" of washed pea gravel shall be placed under the meter inside the box, allowing for 2" to 6" of open space below the meter. Meter box shall be minimum ~~12"~~ *12 5/8"* deep. (See Figure SM-1).
- D. Meter boxes and openings shall be large enough to allow access to, and operation of all meter nuts/flanges/bolts, and the curb stop without obstruction.
- E. Boxes unavoidably vulnerable to vehicular traffic shall have load-bearing frames and lids designed to withstand the anticipated load. Submittal and City engineer approval is required.
- F. All companion flanges shall be elliptical brass, and all bolts & nuts shall be grade 316 stainless steel, 3/8"-11 x 2 1/2" hex head.
- G. Meters shall be set level in all directions.



LOCATION MAP
N.T.S.

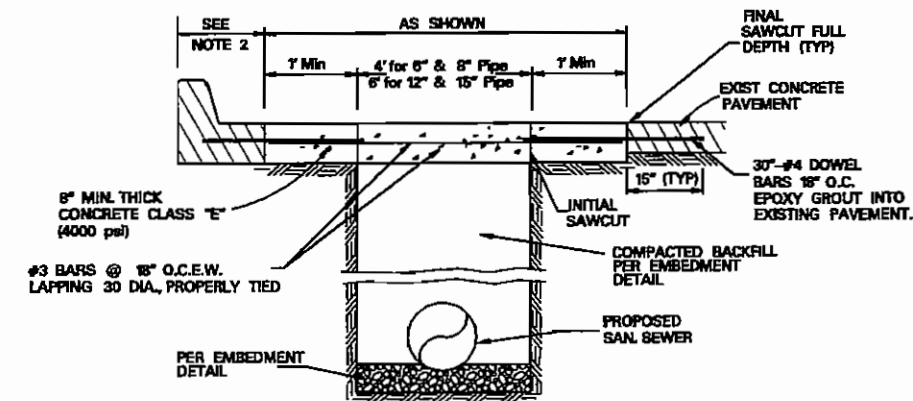
*Jerry's
Comments*

Subul

*Previously
MARKED UP
SETS*

NOTES:

1. ALL EXISTING PAVEMENT SHALL BE SAW CUT BACK AS TO PRODUCE A VERTICAL EDGE FOR THE FULL DEPTH OF PAVING. THE INSTALLATION OF THE CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH THE "NORTH CENTRAL TEXAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION".
2. WHEN THIS DIMENSION IS LESS THAN 1'-0", REMOVE AND REPLACE THE EXISTING INTEGRAL CURB. WHEN THE EXISTING CURB IS LEFT IN PLACE, INSTALL #3 DEFORMED BARS @ 18" O.C. AND EPOXY GROUT INTO EXISTING CURB AND GUTTER SECTION.



TYPICAL CONCRETE PAVEMENT
REPLACEMENT DETAIL
N.T.S.

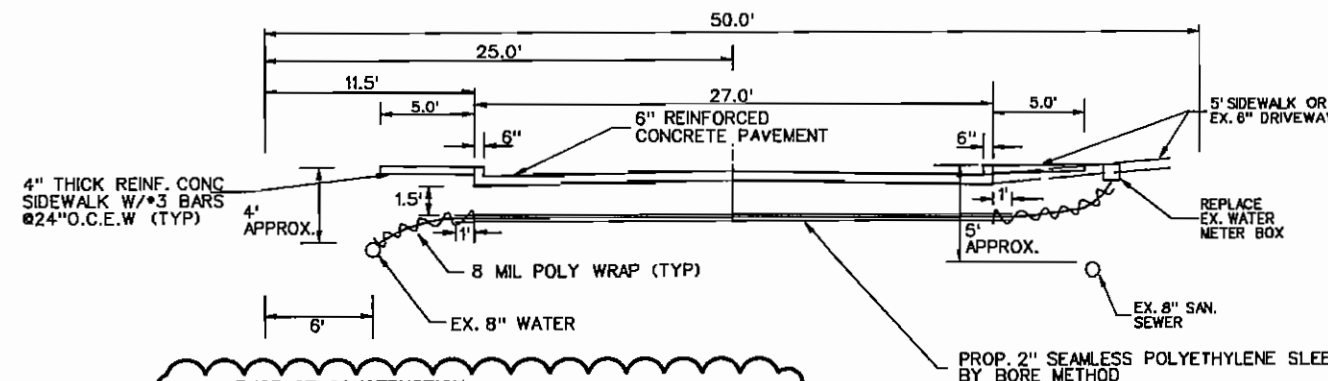
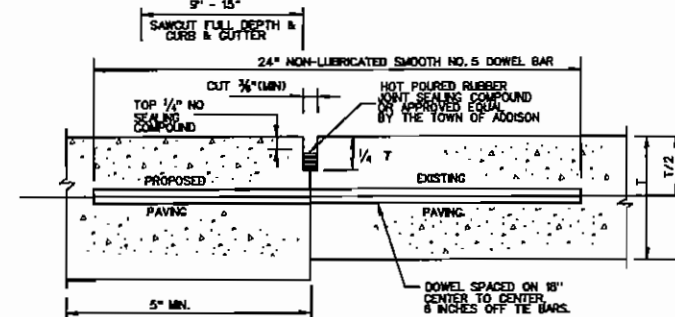
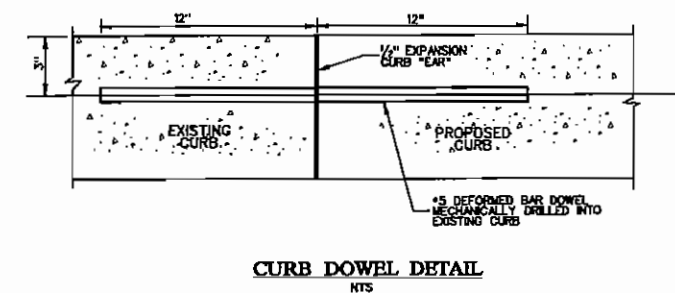
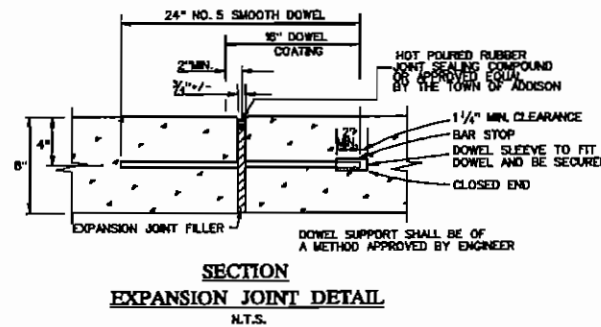
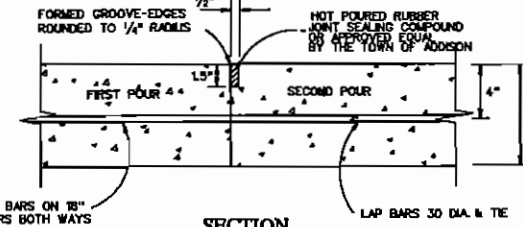
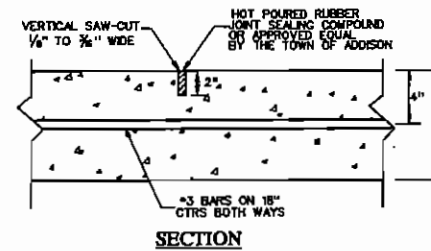
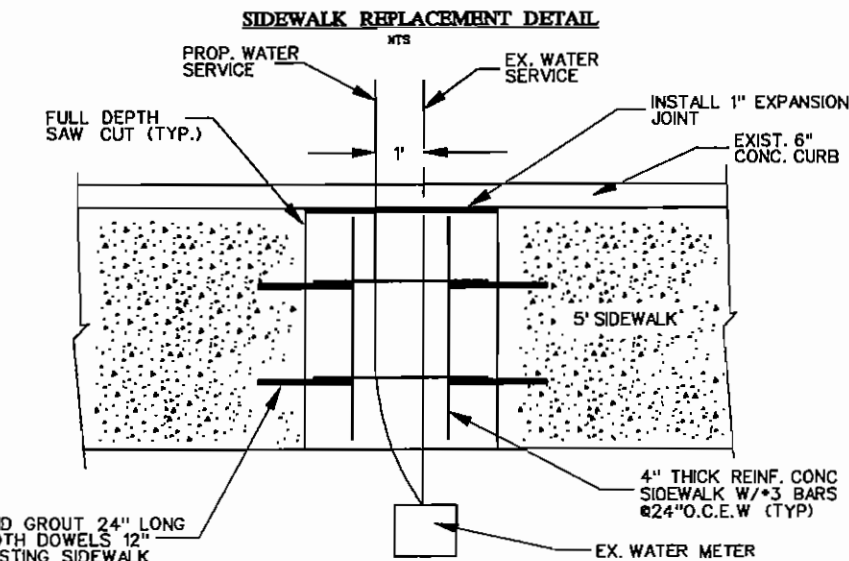
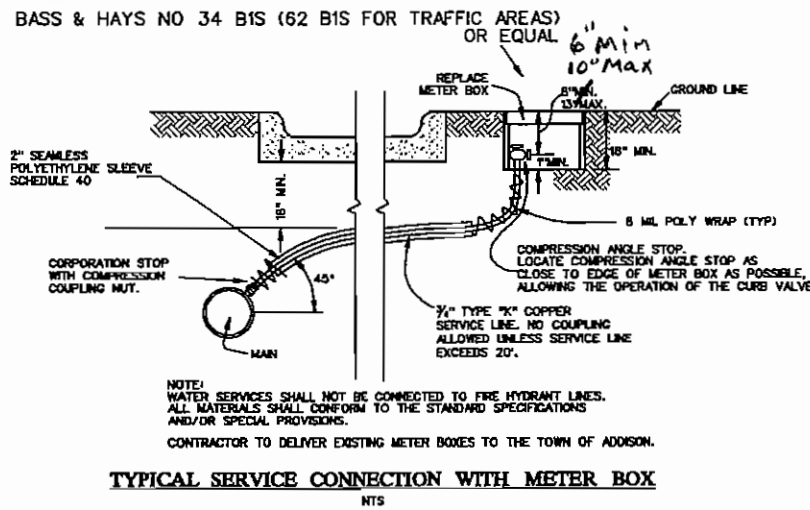
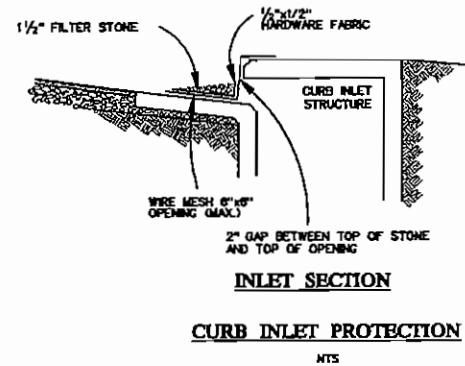
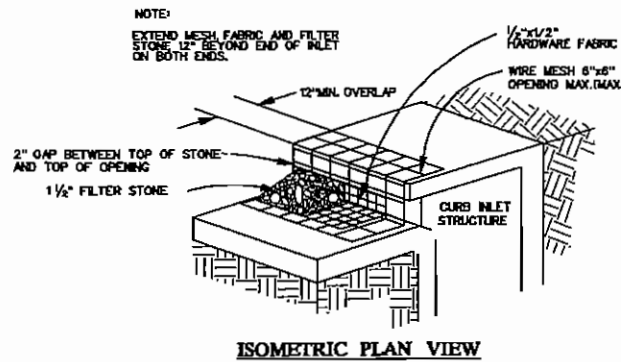
REVISION	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
WATERFORD PARK SERVICE LINE REPLACEMENTS			
GENERAL NOTES			
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GSWW, INC. 2017 SHADY TRAIL, 300 FORBELL CREEK BLVD. DALLAS, TEXAS 75229 FORT WORTH, TX 76107 (972) 430-2225 (817) 332-1444 CIVIL / ENVIRONMENTAL ENGINEERS			
DESIGN: QGS		SCALE:	
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DATE: MARCH, 2005			

USER: drcruz
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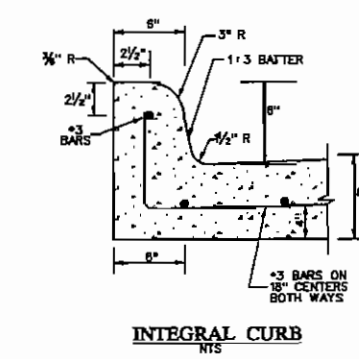
ADDISON GENERAL CONSTRUCTION NOTES

- UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL OF THE UTILITY OWNERS TO ARRANGE FOR EXACT LOCATIONS AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

UTILITY	TELEPHONE #
TXU ELECTRIC & GAS	1-800-344-8377
OTE TELEPHONE	1-800-344-8377
TELE-CABLE	(214) 578-7573
DIG-TESS	(214) 578-7573
SOUTHWESTERN BELL TELEPHONE	1-800-395-0440
AT&T	1-800-245-4545
CHARTER CABLE	1-817-509-6272
	1-817-509-2225 (DISPATCH)
- THE CONTRACTOR SHALL MAINTAIN EXISTING SERVICES AND EXISTING WATER MAINS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN FIRE EMERGENCY VEHICLE ACCESS TO FIRE HYDRANTS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE DRIVEWAY OPENING FOR INGRESS/EGRESS OF VEHICULAR TRAFFIC TO/FROM PRIVATE PROPERTY THROUGHOUT CONSTRUCTION.
- IRRIGATION AND SPRINKLER SYSTEM NOTES:
 - THE CONTRACTOR SHALL HIRE A LICENSED IRRIGATOR AS A SUBCONTRACTOR TO OVERSEE ALL ACTIVITIES THAT IMPACT EXISTING OR PROPOSED IRRIGATION SYSTEMS.
 - PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES EXISTING IRRIGATION SYSTEMS SHALL BE TURNED ON. THE LOCATION OF THE HEADS, VALVES, AND PIPE SHALL BE MARKED WHERE DEMOLITION OR CONSTRUCTION WILL IMPACT THE SYSTEM. DEFICIENCIES IN THE SYSTEM SHALL BE NOTED AND REPORTED TO THE SYSTEM OWNER. A PHOTOGRAPHIC OR VIDEO RECORD SHALL BE MADE IF APPROPRIATE.
 - PIPING SHALL BE CUT, CAPPED AND MARKED AT THE LIMITS OF CONSTRUCTION.
 - AT THE COMPLETION OF CONSTRUCTION, THE LICENSED IRRIGATOR SHALL RESTORE AND TEST THE IRRIGATION SYSTEM FOR PROPER FUNCTION. THE TEST SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OF ADDISON'S PUBLIC WORKS INSPECTOR, AND THE SYSTEM OWNER.
 - ALL COST ASSOCIATED WITH SPRINKLER SYSTEM REPAIR IS SUBSIDIARY TO THE PROJECT.
- CONTRACTOR SHALL CONFORM WITH THE "NORTH CENTRAL TEXAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (NCTSSPWC), INCLUDING ALL AMENDMENTS, THE TOWN OF ADDISON SPECIAL PROVISIONS TO NCTSSPWC, AND ANY TOWN OF ADDISON STANDARD CONSTRUCTION DETAILS.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN OF ADDISON ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO BEGINNING WORK. ONE LANE OF TRAFFIC MUST BE MAINTAINED DURING CONSTRUCTION.
- ALL STREET, ALLEY, AND DRIVEWAY PAVEMENT SHALL BE 8-INCH, 4000 PSI CONCRETE WITH #3 BARS ON 18-INCH CENTERS BOTH WAYS.
- ALL PORTIONS OF EXISTING DRIVEWAY THAT ARE TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR.
- ALL WATER SERVICE LINES SHALL BE BORED UNDERNEATH THE EXISTING PAVEMENT.
- THE CONTRACTOR SHALL CONNECT ALL NEW SERVICE LINES TO THE EXISTING WATER METERS AND EXISTING CORPORATION STOP ON THE EXISTING WATER LINE.
- ALL CONCRETE PAVEMENT WITHIN THE PROJECT LIMITS SHALL BE SAWCUT. ALL SAWCUTS SHALL BE FULL DEPTH.
- NO TREES SHALL BE CUT DOWN OR TRIMMED WITHOUT PRIOR WRITTEN APPROVAL FROM THE TOWN OF ADDISON. ANY WORK DONE TO THE TREE OR WITHIN THE TREE DRIFLINE SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OF ADDISON REPRESENTATIVE.
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- ALL AREAS WHERE CONCRETE SIDEWALK HAS BEEN DAMAGED BY CONTRACTOR'S ACTIVITIES OR REMOVED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY WITH A TEMPORARY ASPHALT SURFACE OR A PERMANENT CONCRETE SURFACE. THE TEMPORARY ASPHALT SIDEWALK SURFACE SHALL MEET ALL ADA REQUIREMENTS UNTIL THE PERMANENT CONCRETE SIDEWALK IS CONSTRUCTED TO ADA REQUIREMENTS.
- AS PART OF BID ITEM NO. 1, THE CONTRACTOR SHALL PROVIDE A NEW METER BOX AND LD (BASS & HAYS NO. 34 BIS (62 BIS FOR TRAFFIC AREAS) OR EQUAL IN ACCORDANCE WITH THE TOWN OF ADDISON STANDARDS.
- THE EXISTING METER BOXES SHALL BE REMOVED AND DELIVERED TO THE TOWN OF ADDISON SERVICE CENTER BY THE CONTRACTOR.

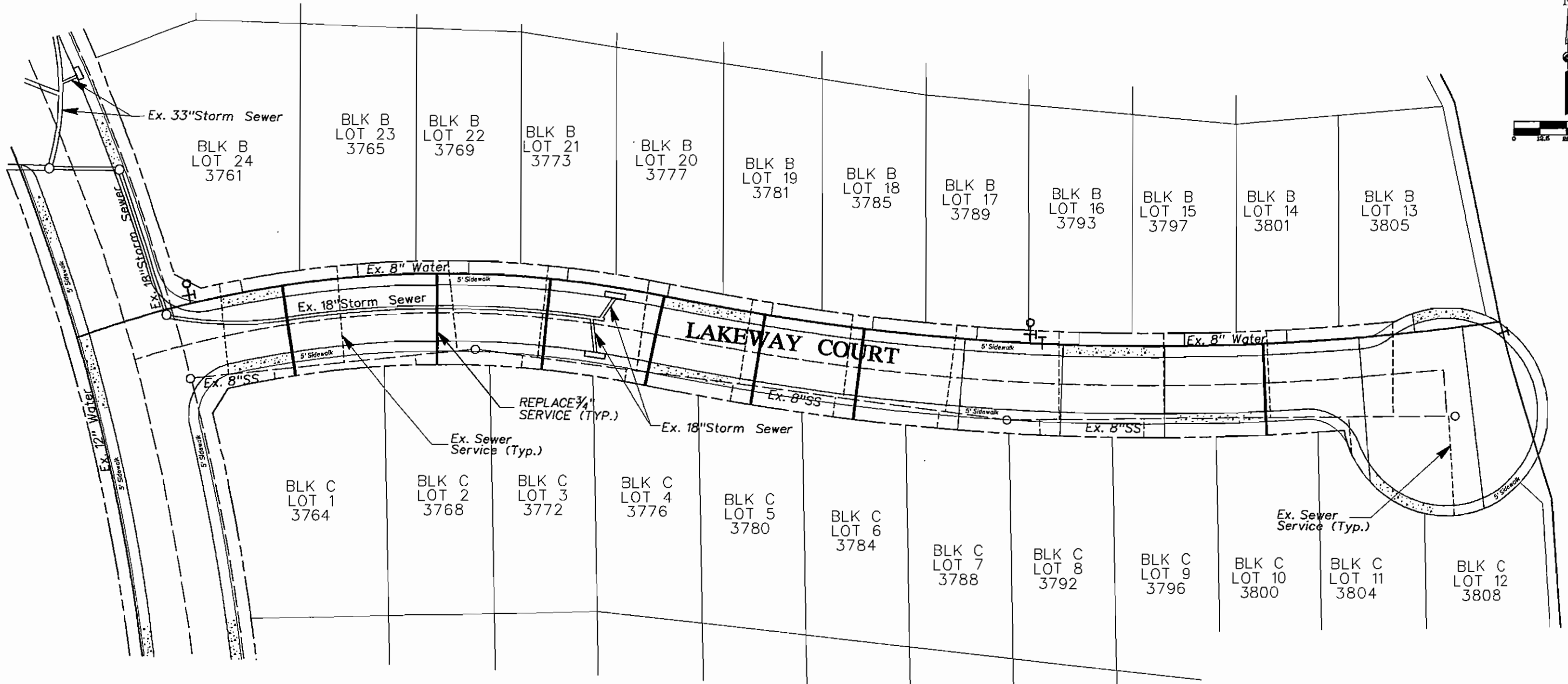
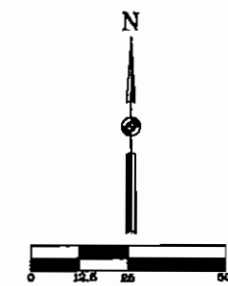


- SEQUENCE OF CONSTRUCTION**
- LOCATE ALL EXISTING UNDERGROUND UTILITIES
 - UNCOVER EXISTING SERVICE TAP AT MAN TO BACK OF CURB.
 - BORE 2" POLYETHYLENE NEXT TO EXISTING SERVICE.
 - INSTALL NEW 1/2" COPPER SERVICE LINE THROUGH THE SLEEVE.
 - DISCONNECT EXISTING WATER SERVICE AND CONNECT NEW WATER SERVICE AND WATER METER BOX.
 - COMPACT BORE PIT TO 95% PROCTOR AND REPAIR WORK AREA TO ORIGINAL CONDITIONS.



REVISION NO.	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
WATERFORD PARK SERVICE LINE REPLACEMENTS			
GENERAL NOTES			
GSWW, INC. 107 BEADY TRAIL, 300 FORREST CREEK BLVD. DALLAS, TEXAS 75229 FORT WORTH, TX 76107 (972) 620-4251 (817) 308-4444 CIVIL / ENVIRONMENTAL ENGINEERS			
DESIGN: QGS	SCALE: NOTED		
DRAWN: QGS	SHEET		
APPROVED: QGS			
DATE: MARCH, 2005			

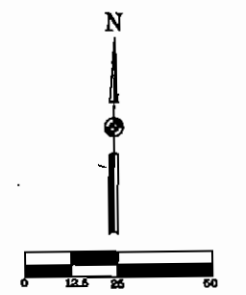
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 PRJ: E:\Projects\MicroStation\addison\waterford park\prj\notes.prj - ROT: 270.000000 - SCALE: 40.000100
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ALL SERVICE LINES SHALL BE REPLACED "BY OTHER THAN OPEN CUT" UNDERNEATH THE EXISTING ROADWAY. CONTRACTOR SHALL REMOVE AND REPLACE ANY SIDEWALK, DRIVEWAY, ALLEY PAVEMENT AND LIMITED ROADWAY & CURB NECESSARY TO INSTALL THE "LONG WATER SERVICE". CONTRACTOR TO INSTALL TEMPORARY MAIL BOXES WHERE NECESSARY.

REVISION	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
WATERFORD PARK SERVICE LINE REPLACEMENTS			
LAKEWAY COURT			
		GSSW, INC. 207 SHADY TRAIL, 300 FORBES CREEK BLVD. DALLAS, TEXAS 75219 FORT WORTH, TX 76117 (972) 430-4257 (817) 334-6644 CIVIL / ENVIRONMENTAL ENGINEERS	
DESIGN: QGS		SCALE: H: 1" = 50'	
DRAWN: QGS		SHEET	
APPROVED: QGS			
DATE: MARCH 2005			

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BELTWAY DRIVE

LES LACS AVENUE

CHATHAM COURT

BLK A LOT 1 3753
 BLK A LOT 2 3757
 BLK A LOT 3 3761
 BLK A LOT 4 3765
 BLK A LOT 5 3769
 BLK A LOT 6 3773
 BLK A LOT 7 3777
 BLK A LOT 8 3781
 BLK A LOT 9 3785
 BLK A LOT 10 3789
 BLK A LOT 11 3793
 BLK A LOT 12 3797
 BLK A LOT 13 3801

BLK B LOT 1 3756
 BLK B LOT 2 3760
 BLK B LOT 3 3764
 BLK B LOT 4 3768
 BLK B LOT 5 3772
 BLK B LOT 6 3776
 BLK B LOT 7 3780
 BLK B LOT 8 3784
 BLK B LOT 9 3788
 BLK B LOT 10 3792
 BLK B LOT 11 3796
 BLK B LOT 12 3800

BLK B LOT 24 3761

ALL SERVICE LINES SHALL BE REPLACED "BY OTHER THAN OPEN CUT" UNDERNEATH THE EXISTING ROADWAY. CONTRACTOR SHALL REMOVE AND REPLACE ANY SIDEWALK, DRIVEWAY, ALLEY PAVEMENT AND LIMITED ROADWAY & CURB NECESSARY TO INSTALL THE "LONG WATER SERVICE". CONTRACTOR TO INSTALL TEMPORARY MAIL BOXES WHERE NECESSARY.

REVISION NO.	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
WATERFORD PARK SERVICE LINE REPLACEMENTS			
CHATHAM COURT - EAST			
Studd			
DESIGN: QGS		SCALE: H: 1" = 50'	
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APPROVED: QGS			
DATE: MARCH, 2005			

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 001-EN-Projects\MicroStation\Addison\waterford park\sheet-chatham-east.dgn - 01-1-14,18-20
 USER: ddeez

PRE BID

- NO CURB ANTICIPATED
YOUR COST
- LICENSED IRRIGATOR
ENFORCED
- TRAFFIC CONTROL
INCIDENTAL TO
COST OF BID ITEMS
- WORK ON ONE STREET
AT A TIME

Addison!

BID No: 05-22

**CONTRACT DOCUMENTS
AND
SPECIFICATIONS
FOR**

*Town of Addison, Texas
Chatham Court
Phase I Water Service Replacement*

May, 2005

PREPARED BY



**GSWW, Inc.
11117 Shady Trail
Dallas, Texas 75229**

Contractor

Street Address

City & State

Telephone

Fax

e-mail

CONTRACT DOCUMENTS

TOWN OF ADDISON, TEXAS
CHATHAM COURT
PHASE I WATER SERVICE REPLACEMENT

GSWW, INC.
11117 SHADY TRAIL
DALLAS, TEXAS 75229

May, 2005

CONTRACT DOCUMENTS

**TOWN OF ADDISON, TEXAS
CHATHAM COURT
PHASE I WATER SERVICE REPLACEMENT
Bid No: 05-22**

**TOWN OF ADDISON, TEXAS
DALLAS COUNTY, TEXAS**

May, 2005

I hereby state that these Contract Documents were prepared under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Texas

Date: _____ **Registration No.** _____

ADVERTISEMENT FOR BIDS

1. Sealed bids addressed to the Town of Addison, Texas, for **Chatham Court-Phase I Water Service Replacement** for the Town of Addison, Texas, hereinafter called "Town" in accordance with plans, specifications and contract documents prepared by GSWW, Inc., hereinafter called "the Consultant", will be received at the office of Ms. Shanna Sims, Budget and Procurement Manager, Finance Building, 5350 Belt Line Road, Addison, Texas 75254, until **2:30 P.M. on Tuesday, June 14, 2005**. Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.
2. The Contractor shall identify his bid on the outside of the envelope by writing the words "**CHATHAM COURT - PHASE I WATER SERVICE REPLACEMENT-Bid No: 05-22**".
3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within ten (10) days after notice of award of contract to him.
4. Plans, specifications and bidding documents may be secured on a CD from the office of Ms. Shanna Sims, Budget and Procurement Manager, Finance Building, 5350 Belt Line Road, Addison, Texas. Electronic copies will be free of charge.
5. The Mayor and the Town Council reserve the right as the interest of the Town may require to reject any or all bids and to waive any informality in bids received.
6. The Bidder (Proposer) must supply all the information required by the Proposal Form.
7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety. The performance and payment bonds shall name the Town of Addison as obligee (or such other entities as may be designated at the time a contract is executed).
8. For information on bidding or to secure bid documents, call Ms. Shanna Sims (972) 450-7089. For information on the work to be performed, call Steven Z. Chutchian, P.E., Assistant City Engineer, (972) 450-2886.
9. A **Mandatory Pre-Bid meeting** will be held at **2:00 P.M. on Tuesday, June 7, 2005** at the Addison Service Center, 16801 Westgrove, Addison, Texas, 75001, (972) 450-2871. All bidders are required to attend. Lack of attendance will be considered non-responsive and a bid will not be accepted from anyone not attending.
10. This project consists of abandoning existing "long" copper water service lines, by boring new long service lines with a polyethylene sleeve as shown on the plans and in accordance with the specifications.

TOWN OF ADDISON, TEXAS

**GENERAL CONTRACT DOCUMENTS AND SPECIFICATIONS
FOR
TOWN OF ADDISON, TEXAS
CHATHAM COURT-PHASE I WATER SERVICE REPLACEMENT**

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SECTION A
INSTRUCTION TO BIDDERS

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INSTRUCTIONS TO BIDDERS

1. **PROJECT**

CHATHAM COURT-PHASE I WATER SERVICE REPLACEMENT, in the Town of Addison.

The bids will be evaluated as stated in this item 16 of the Instructions to Bidders.

2. **PROJECT DESCRIPTION**

This project consists of the installation of 35 water service lines "by other than open cut" (long service only) with associated appurtenances as shown on the plans and in accordance with the specifications.

3. **PROPOSALS**

Proposals must be in accordance with these instructions in order to receive consideration.

4. **DOCUMENTS**

Documents include the Advertisement for Bids, Instructions to Bidders, Proposal Forms, Contract Agreement, Performance Bond, Payment bond Maintenance Bond, General Provisions, Special Provisions, Technical Specifications, Drawings, and Addenda which may be issued during the bidding period. Bidding Documents may be viewed and/or obtained under the terms and conditions set forth in the Advertisement for Bids in Section A of this Specification Book.

5. **EXAMINATION OF DOCUMENTS AND SITE**

Bidders shall carefully examine the Bidding Documents and the construction site to obtain first-hand knowledge of the scope and the conditions of the Work. Each Contractor, Subcontractor and Sub-subcontractor, by submitting a proposal to perform any portion of the Work, represents and warrants that he has examined the Drawings, Specifications (Project Manual) and the site of the Work, and from his own investigation has satisfied himself as to the scope, accessibility, nature and location of the Work; the character of the equipment and other facilities needed for the performance of the Work; the character and extent of other work to be performed; the local conditions; labor availability, practices and jurisdictions and other circumstances that may affect the performance of the Work. No additional compensation will be allowed by the Owner for the failure of such Contractor, Subcontractor or Sub-subcontractor to inform himself as to conditions affecting the Work. A **Mandatory Pre-Bid** meeting will be held at **2:00 P.M. on June 7, 2005** at the Addison Service Center, 16901 Westgrove, Addison, Texas, 75001, (972) 450-2871. **All bidders are required to attend.** Lack of attendance will be considered non-responsive and a bid will not be accepted from anyone not attending.

6. **INTERPRETATION OF DOCUMENTS**

If any person contemplating submitting a bid for the proposed Contract is in doubt as to the meaning of any part of the Drawings, Specifications (Project Manual) or other proposed Contract Documents, he may submit to the Consultant, not later than seven (7) calendar days prior to the date set for opening bids, a written request for an interpretation or clarification. Bidders should act promptly and allow sufficient time for a reply to reach them before preparing their bids. Any interpretation or clarification will be in the form of an Addendum duly issued. No alleged verbal interpretation or ruling will be held binding upon the Owner.

7. **INSURANCE REQUIRMENTS**

A. The Contractor shall agree to furnish and maintain, during the contract period, insurance coverage meeting the following requirements:

1. Commercial General Liability Insurance at minimum combined single limits of ~~\$1,000,000~~ per occurrence and ~~\$2,000,000~~ general aggregate for Bodily Injury and Property Damage, which coverage shall include Products/Completed Operations, and XCU Hazards. Contractual Liability must be maintained with respect to the Contractor's obligations

contained in the contract. The policy must be amended to provide a per-project general aggregate limit of insurance of ~~\$2,000,000~~ with respect to this contract.

2. Workers Compensation insurance at statutory limits, including employer's liability coverage at minimum limits of ~~\$1,000,000~~.
3. Commercial automobile liability insurance at minimum combined single limits of ~~\$1,000,000~~. Per occurrence for bodily injury and property damage, including owned, non-owned, and hired car coverage.

B. Contractor shall provide the following endorsements:

1. Additional insured wording which includes the Contractor and the Town of Addison with respect to general liability, and automobile liability.
2. All liability policies shall contain cross liability and severability of interest clause.
3. A waiver of subrogation in favor of the Town of Addison with respect to the workers' compensation insurance ~~and all liability policies~~.
4. The policy shall be endorsed to require the insured to immediately notify the Town of Addison of any material changes in the insurance coverage.
5. The certificate shall note the Project Name or Bid Number.
6. All certificates shall be mailed to Town of Addison, Purchasing Division, P.O. BOX 9010, ADDISON, TEXAS 75001.
7. ~~All insurance policies, which name the Town as an additional insured, must be endorsed to read as primary coverage regardless of the application of other insurance policies.~~

C. All insurance shall be purchased from an insurance company who meets the following requirements.

1. A Best financial rating acceptable to the Town.
2. Licensed and admitted to do business in the State of Texas.

D. All insurance must be written on forms filed with and approved by the Texas State Board of Insurance. Certificates of insurance shall be prepared and executed by the insurance company or its authorized agent and shall contain provisions representing and warranting the following:

1. The company is licensed and admitted to do business in the State of Texas.
2. The company's forms have been approved by the Texas State Board of Insurance.
3. Sets forth all endorsements as required above.
4. The Town of Addison will receive at least thirty (30) days notice prior to cancellation or termination of the insurance.

E. Upon request, Contractor, shall furnish the Owner with certified copies of all insurance policies. The Contractor shall also file with the Owner valid Certificates of Insurance covering all subcontractors in accordance with the insurance requirements set forth herein for Contractor.

contained in the contract. The policy must be amended to provide a per-project general aggregate limit of insurance of \$1,000,000 with respect to this contract.

2. Workers Compensation insurance at statutory limits, including employer's liability coverage at minimum limits of \$500,000.
3. Commercial automobile liability insurance at minimum combined single limits of \$500,000. Per occurrence for bodily injury and property damage, including owned, non-owned, and hired car coverage.

B. Contractor shall provide the following endorsements:

1. Additional insured wording which includes the Contractor and the Town of Addison with respect to general liability, and automobile liability.
2. All liability policies shall contain cross liability and severability of interest clause.
3. A waiver of subrogation in favor of the Town of Addison with respect to the workers' compensation insurance.
4. The policy shall be endorsed to require the insured to immediately notify the Town of Addison of any material changes in the insurance coverage.
5. The certificate shall note the Project Name or Bid Number.
6. All certificates shall be mailed to Town of Addison, Purchasing Division, P.O. BOX 9010, ADDISON, TEXAS 75001.

C. All insurance shall be purchased from an insurance company who meets the following requirements.

1. A Best financial rating acceptable to the Town.
2. Licensed and admitted to do business in the State of Texas.

D. All insurance must be written on forms filed with and approved by the Texas State Board of Insurance. Certificates of insurance shall be prepared and executed by the insurance company or its authorized agent and shall contain provisions representing and warranting the following:

1. The company is licensed and admitted to do business in the State of Texas.
2. The company's forms have been approved by the Texas State Board of Insurance.
3. Sets forth all endorsements as required above.
4. The Town of Addison will receive at least thirty (30) days notice prior to cancellation or termination of the insurance.

E. Upon request, Contractor, shall furnish the Owner with certified copies of all insurance policies. The Contractor shall also file with the Owner valid Certificates of Insurance covering all subcontractors in accordance with the insurance requirements set forth herein for Contractor.

8. SUBSTITUTIONS

Conditions governing the submission of substitutions for specific materials, products, equipment and processes are in the Special Provisions. Requests for substitutions must be received by the Consultant seven (7) calendar days prior to the established bid date.

9. ADDENDA

Interpretations, clarifications, additions, deletions and modifications to the Documents during the bidding period will be issued in the form of Addenda and a copy of such Addenda will be mailed, faxed or delivered to each person who has been issued a set of the Bidding Documents. Addenda will be a part of the Bidding Documents and the Contract Documents, and receipt of them shall be acknowledged in the Bid Form. All such interpretations and supplemental instructions will be in the form of written addenda to the contract documents which, if issued, will be sent by telegram, certified or registered mail, or hand delivered to all prospective bidders (at the respective addresses furnished for such purposes) not later than three (3) calendar days prior to the date fixed for the opening of bids. If any bidder fails to acknowledge the receipt of such addenda in the space provided in the bid form, his bid will nevertheless be construed as though the receipt of such addenda had been acknowledged.

10. COMPLETION TIME

See Special Provisions.

11. PREPARATION OF BIDS

Prices quoted shall include all items of cost, expense, fees and charges incurred by, or arising out of, the performance of the work to be performed under the Contract. Bids submitted shall be signed in ink. Any bid on other than the required form will be considered informal and may be rejected. Erasures or other changes in a bid must be explained or noted over with the initials of the bidder. Bids containing any conditions, omissions, unexplained erasures and alterations, or irregularities of any kind may be rejected as informal. The prices should be expressed in words and figures or they may be deemed informal and may be rejected. In case of discrepancy between the prices written in the bid and those given in the figures, the price in writing will be considered as the bid. Failure to submit all requested information will make a bid irregular and subject to rejection. Bids shall be signed with name typed or printed below signature, and, if a partnership, give full name of all partners. Where bidder is a corporation, bids must be signed with the legal name of the corporation followed by the name of the state of incorporation and the legal signature of an officer authorized to bind the corporation to a contract.

A computer generated proposal form may be used in lieu of the enclosed forms. The form shall be 8½ " x 11" in size, and shall be attached to the proposal in the proper section, and shall be make part of the proposal and contract documents.

The spreadsheet option is for the convenience of the bidder. No wording in the spreadsheet shall modify or amend the wording in the bid proposal or plans.

The unit price on the form shall be the price of the item, and errors that may be present in the printout will not be recognized as an opportunity to revise the proposal. The summary sheet included in this bid document shall be utilized for summarizing the bid.

Te spreadsheet shall present each item in the order and number as shown in the city's proposal and bid schedule for this project. The spreadsheet shall be in a column format with the following columns:

1. Item Number
2. Quantity
3. Unit of Measure
4. Description
5. Unit Price
6. Extended Price

12. SUBMITTAL OF BIDS

Sealed proposals will be received at the time, date and place stated in the Advertisement for Bids. Proposals shall be completed on Proposal Forms furnished in this Specification book. Submit completed bid book in it's entirety in an opaque, sealed envelope addressed to the Owner and plainly mark on the outside of the envelope the project name, and the name and address of the bidder. The envelopes shall be marked with the following project name: **CHATHAM COURT-PHASE I WATER SERVICE REPLACEMENT**

The Bid Bond must be completed and signed by each bidder and submitted with the bid. Submit Bids by mail or in person prior to the time for receiving bids set forth in the Advertisement for Bids issued by the Town.

13. MODIFICATION AND WITHDRAWAL OF BIDS

Prior to the time set for bid opening, bids may be withdrawn or modified. Bids may be modified only on the official bid form and must be signed by a person legally empowered to bind the bidder.

No bid may be withdrawn for a period of 90 day after the scheduled closing time for receiving bids. The low bidder shall be prepared to submit such evidence as the Owner may require to establish his experience, possession of such equipment, qualification of personnel and financial responsibility necessary to perform the work on this project in an expeditious, safe and satisfactory manner.

14. DISQUALIFICATION

The Owner reserves the right to disqualify proposals, before or after the opening, upon evidence of collusion with intent to defraud or other illegal practices relating to this proposal upon the part of the bidder.

15. SUBMISSION OF POST-BID INFORMATION

Upon notification of acceptance, the selected bidder shall, within five (5) calendar days, submit the following:

- A. A designation of the portions of the Work proposed to be performed by the bidder with his own force.
- B. A list of names of the subcontractors or other persons or organizations, including those who are to furnish materials and equipment fabricated to a special design proposed for such portions of the Work as may be designated in the Bidding Documents or as may be requested by the Consultant.
- C. The bidder will be required to establish to the satisfaction of the Owner and the Consultant the reliability and responsibility of the proposed Subcontractors and suppliers to furnish and perform the Work. Bidder to provide experience record, including contract references (names and telephone) and dollar size of project.

16. AWARD

See Special Provisions.

17. EXECUTION OF THE CONTRACT

See Special Provisions.

18. CONSTRUCTION SCHEDULE

See Special Provisions.

19. LIQUIDATED DAMAGES

See Special Provisions.

20. FORM OF CONTRACT

The contract for the construction of the project will be drawn up by the Owner. A sample form of agreement is included in the Contract Agreement Section.

21. BONDS

A Performance Bond, a Labor and Material Payment Bond and a Maintenance Bond will be required by the Owner. The performance and payment bonds shall name the Town of Addison, and others as directed by the Town, as joint obligees. Sample forms have been included in the Performance Bond, Payment Bond and Maintenance Bond sections. (Contractor shall confirm the legal names of obligees prior to execution of Bonds.)

22. BID SECURITY

Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed to do business in the State of Texas as a guarantee that the bidder will enter into a contract and execute a Performance Bond and Payment Bond within ten (10) calendar days after notice of award of contract to him. Such checks or bid bonds will be returned to all except the three lowest bidders within three (3) days after the opening of bids, and the remaining checks or bid bonds will be returned promptly after the Owner has made an award of contract, or, if no award has been made within thirty (30) calendar days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bid.

23. RESOLUTIONS

If the bidder is a corporation, a copy of the resolution empowering the person submitting the bid to bind the bidder must be included with the bid.

24. CONSTRUCTION STAKING

Construction staking will not be provided by the Owner. Benchmarks and Horizontal Control are shown on the plans. There is no separate bid item for staking, therefore, the contractor must include value for staking in the various bid items as subsidiary to the contract.

25. FINAL PAYMENT

The general provisions for Final Payment shall be as stated in Item 1.51.4 of the North Central Texas Standard Specifications for Public Works Construction (1998 Edition). Prior to final payment the Contractor shall provide the Owner with the following items:

1. A Contractor's Affidavit of Bills Paid in accordance with Section D.
2. A Consent of Surety Company to Final Payment.
3. A complete set of record plans which indicate all construction variations from the original construction documents in accordance with Item 5 of the Special Provisions.
4. A two(2) year Maintenance Bond in accordance with Section D.

26. PREVAILING WAGE RATES

Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached in the Special Provisions.

SECTION B

BID PROPOSAL

FOR

CHATHAM COURT

PHASE I WATER SERVICE REPLACEMENT

SECTION B

**BID PROPOSAL
FOR
CHATHAM COURT-PHASE I WATER SERVICE REPLACEMENT**

Addison, Texas
Date: _____, 2005

PROPOSAL OF: _____
(Contractor)

Check appropriate business entity.

_____ A corporation organized and existing under the laws of the State of Texas.

_____ A corporation organized and existing under the laws of the State of (If a non-Texas Corporation, please attach a copy of the corporation's Articles of Incorporation)

_____ A partnership consisting of _____.

_____ A sole proprietorship owned by _____, an individual.

**DO NOT REMOVE BID PROPOSAL FROM SPECIFICATION BOOK
SPECIFICATION BOOK TO BE SUBMITTED IN IT'S ENTIRETY**

To: THE TOWN OF ADDISON, TEXAS
5350 BELTLINE ROAD
ADDISON, TEXAS 75001

The undersigned bidder, pursuant to the foregoing advertisement for bids, has carefully examined this proposal, the contract documents, special provisions, general provisions, special specifications, and the specifications and will provide all necessary labor, superintendence, machinery, equipment, tools, materials, services and other facilities and complete fully all the work as provided for in the specifications and contract documents; and binds himself upon formal acceptance of this proposal to execute a contract and bonds, according to the prescribed forms, for performing and completing the said work within the required time.

It is understood that the following quantities of work to be done are approximate only, and are intended principally to serve as a guide in figuring out the bids. It is further understood that the quantities of work to be done and materials to be furnished may be increased or decreased as may be considered necessary, in the opinion of the engineer, to complete the work as fully planned and contemplated, and that all quantities of work whether increased or decreased, are to be performed at the unit prices set forth below except as provided for in the specifications.

Unit prices are to be shown in both words and figures. In case of a discrepancy, the amount shown in words will govern.

The unit prices shall include all labor, materials, equipment, overhead, profit, insurance, etc., to cover the completed work of the several kinds called for.

The work proposed to be done shall be accepted when fully completed and finished in accordance with the plans and specifications, to the satisfaction of the OWNER.

The undersigned certifies that the bid prices contained in this Proposal have been carefully checked and are submitted as correct and final.

The undersigned bidder hereby declares that he has visited the site of the work.

In the event of the award of a Contract to the Bidder, the Bidder will furnish Performance and Payment Bond for the full amount of the Contract, to secure proper compliance with the terms and provisions of the Contract, to insure and guarantee the work until final completion and acceptance, and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the Contract.

Receipt is acknowledged of the following addenda:

Addendum #1 _____
Addendum #2 _____
Addendum #3 _____
Addendum #4 _____

Respectfully Submitted,

(Name of Contractor)

By: _____
(Authorized Signature)

(Title)

Address: _____

City: _____

State: _____ Zip: _____

Telephone: _____ Fax: _____

Seal if bidder is a corporation

BID SCHEDULE "A"
BID PROPOSAL FOR CHATHAM COURT
PHASE I WATER SERVICE REPLACEMENT

PAY ITEM	APPROX QTY	UNIT	DESCRIPTION OF ITEMS WITH BID PRICES WRITTEN IN WORDS	UNIT PRICE	AMOUNT BID
1.	36	EA	FURNISH & INSTALL 3/4" TYPE 'K' COPPER WATER SERVICE, INCLUDING SLEEVE, BY OTHER THAN OPEN CUT**, INCLUDING CONNECTING TO EXISTING WATERLINE AND WATER METER, REMOVE AND REPLACE WATER METER BOX (REMOVE & REPLACEMENT OF REINF. CONC. STREET, DRIVEWAY, SIDEWALK AND CURB, TURF MAINTENANCE COMPLETE IN PLACE. <i>LANDSCAPING</i>	\$	\$
			_____ Dollars		
			and _____ Cents per EA		

TOTAL FOR CHATHAM COURT-PHASE I WATER SERVICE REPLACEMENT: (SCHEDULE "A")

\$ _____

** The Town of Addison prefers the 'pneumatic' boring operations for this project to minimize disturbance to the surrounding homeowners. However, conventional boring will be allowed on a case by case basis. **In the event that the pneumatic bore fails and conventional boring is required, the contractor shall only be paid once per service at the unit bid price of Bid Item No. 1.**

DO NOT REMOVE BID PROPOSAL FROM SPECIFICATION BOOK
SPECIFICATION BOOK TO BE SUBMITTED IN IT'S ENTIRETY

Break out concrete
Curbs incidental to conc
~~and~~ " " " " " "

BID SCHEDULE SUMMARY
CHATHAM COURT
PHASE I WATER SERVICE REPLACEMENT

<u>Bid Schedule and Description</u>	<u>Total Amount Materials & Services</u>
-------------------------------------	--

Schedule "A" Water Service Replacement	\$ _____
--	----------

TOTAL AMOUNT BID FOR SCHEDULE "A"	
=TOTAL OF STANDARD BID (A)	\$ _____

WRITTEN IN WORDS: _____

TOTAL OF TIME BID:	_____ (Calendar Days)
---------------------------	-----------------------

TOTAL OF CALENDAR DAYS X \$250.00 (B):	\$ _____
---	----------

WRITTEN IN WORDS: _____

BASIS FOR COMPARISON OF BIDS:

(A) + (B) = TOTAL BIDS:	\$ _____
--------------------------------	----------

WRITTEN IN WORDS: _____

- Notes: 1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
2. Prices must be shown in words and figures for each item listed in this proposal. In the event of discrepancy, the words shall control.
3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is awarded by the Owner based on this proposal within ninety (90) days calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within seven (7) calendar days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Surety shall be returned to the undersigned upon demand.
4. One contract will be awarded based on the total value of Schedule "A", (A), plus (B).

Bidder's Tax I.D. No. or Employer No. _____

SECTION C

CONTRACT AGREEMENT

CONTRACT AGREEMENT

STATE OF TEXAS

COUNTY OF DALLAS

THIS AGREEMENT is made and entered into this ____ day of _____, 2005, by and between the Town of Addison, of the County of Dallas and State of Texas, acting through its Mayor, thereunto duly authorized so to do, Party of the First Part, hereinafter termed the OWNER, and, of the City of _____, County of _____, State of _____, Party of the Second Part, hereinafter termed CONTRACTOR.

WITNESSETH: That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the said CONTRACTOR hereby agrees with the said OWNER to commence and complete construction of certain improvements as follows:

CHATHAM COURT – PHASE I WATER SERVICE REPLACEMENT

and all extra work in connection therewith, under the terms as stated in the General and Specific Provisions of the AGREEMENT; and at his own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said construction, in accordance with the conditions and prices stated in the Proposal attached hereto and in accordance with the Advertisement for Bids, Instructions to Bidders, General Provisions, Special Provisions, Plans, and other drawings and printed or written explanatory matter thereof, and the Technical Specifications and Addenda thereto, as prepared by the OWNER, each of which has been identified by the endorsement of the CONTRACTOR and the OWNER thereon, together with the CONTRACTOR's written Proposal and the General Provisions, all of which are made a part hereof and collectively evidence and constitute the entire AGREEMENT.

The CONTRACTOR hereby agrees to commence work within five (5) calendar days after the date of written notice to do so shall have been given to him, and to substantially complete the work within ____ calendar days after he commences work, subject to such extensions of time as are provided by the General Provisions.

The OWNER agrees to pay the CONTRACTOR \$ _____ in current funds for the performance of the Contract in accordance with the Proposal submitted thereof, subject to additions and deductions, as provided in the General Provisions, and to make payments of account thereof as provided therein.

IN WITNESS WHEREOF, the parties of these presents have executed this AGREEMENT in the year and day first above written.

TOWN OF ADDISON
(OWNER)

ATTEST:

By: _____

City Secretary

Party of the Second Part
(CONTRACTOR)

ATTEST:

By: _____

The following to be executed if the CONTRACTOR is a corporation:

I, _____, certify that I am the secretary of the corporation named as CONTRACTOR herein; that _____, who signed this Contract on behalf of the CONTRACTOR is the _____ of said corporation; that said _____ (official title) Contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Signed: _____

Corporate Seal

SECTION D

BONDS

SECTION D

BONDS

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PAYMENT BOND.....	3
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**STATUTORY PERFORMANCE BOND PURSUANT TO CHAPTER 2253
OF THE TEXAS GOVERNMENT CODE
(PUBLIC WORKS)**

(Penalty of this Bond must be 100% of Contract Amount)

KNOW ALL MEN BY THESE PRESENTS, That _____
(hereinafter called the Principal), as Principal, and _____
(hereinafter called the Surety), as Surety are held and firmly bound unto the **Town of Addison** (hereinafter
called the Obligee), in the amount of _____
_____ Dollars (\$ _____) for the
payment whereof the said Principal and Surety bind themselves and their heirs, administrators, executors,
successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the
_____ day of _____, 2005 to

Chatham Court- Phase I Water Service Replacement

which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at
length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said
Principal shall faithfully perform the work in accordance with the plans, specifications and contract
documents, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Chapter 2253 of
the Texas Government Code and all liabilities on this bond shall be determined in accordance with the
provisions, conditions and limitations of said Chapter to the same extent as if it were copied at length
herein.

IN WITNESS WHEREOF, the said Principal and Surety have signed this instrument this _____
day of _____, 2005.

(Principal)
By: _____

(Surety)

By: _____
(Attorney-in-Fact)

**STATUTORY PAYMENT BOND PURSUANT TO CHAPTER 2253
OF THE TEXAS GOVERNMENT CODE
(PUBLIC WORKS)**

(Penalty of this Bond must be 100% of Contract Amount)

KNOW ALL MEN BY THESE PRESENTS, That _____
(hereinafter called the Principal), as Principal, and _____
(hereinafter called the Surety), as Surety are held and firmly bound unto the **Town of Addison** (hereinafter
called the Obligee), in the amount of _____
_____ Dollars (\$ _____) for the
payment whereof the said Principal and Surety bind themselves and their heirs, administrators,
executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the
_____ day of _____, 2005 to

Chatham Court - Phase I Water Service Replacement

which contract is hereby referred to and made a part hereof as fully and to the same extent as if
copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the
said Principal shall pay all claimants supplying labor and material to him or a subcontractor in the
prosecution of the work provided for in said contract, then this obligation shall be void; otherwise
to remain in full force and effect.

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Chapter
2253 of the Texas Government Code and all liabilities on this bond shall be determined in
accordance with the provisions, conditions and limitations of said Chapter to the same extent as if it
were copied at length herein.

IN WITNESS WHEREOF, the said Principal and Surety have signed this instrument this _____
day of _____, 2005.

(Principal)
By: _____

(Surety)
By: _____
(Attorney-in-Fact)

STATE OF TEXAS

COUNTY OF DALLAS

That _____ as principal and _____
_____, a corporation organized under the laws of _____
and _____ as sureties, said sureties being authorized to do business in the
State of Texas, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of
Addison, a municipal corporation, chartered by virtue of a Special Act of Legislature of the State of Texas,
as Addison, Dallas County, Texas, the sum of

(\$ _____) for the payment of which sum will and truly to be made unto said Town of Addison
and its successors, said principal and sureties do hereby bind themselves, their assigns and successors,
jointly and severally.

This obligation is conditioned, however, that whereas said

has this day entered into a written contract with the said Town of Addison to build and construct the

Chatham Court- Phase I Water Service Replacement

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of two (2) years from the date of startup, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation, and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract;

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of two (2) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive branches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

IN WITNESS WHEREOF, the said _____ has caused these presents to be executed by _____ and the said _____ has hereunto set his hand this the _____ day of _____, 20 _____

SURETY

PRINCIPAL

By: _____

By: _____
Attorney in Fact

ATTEST

By: _____
Surety

Secretary

Agency and Address

NOTE: Date of Maintenance Bond must be same as date City acceptance.

CERTIFICATION OF INSURANCE
(Please Use This Form Or Approved Equal)

TO: _____

Owner _____

Address _____

Date: _____

Project No.: BID NO. 05-22 Chatham Court- Phase I Water Service Replacement

Type of Project: _____

THIS IS TO CERTIFY _____
(Name and address of insured)

is, at the date of this certificate, insured by this Company with respect to the business operations hereinafter described, for the types of Insurance and in accordance with the provisions of the standard policies used by this Company, and further hereinafter described. Exceptions to standard policy noted on reverse side hereof.

TYPE OF INSURANCE				
DESCRIPTION	POLICY #	EFFECTIVE	EXPIRES	LIMITS OF LIABILITY
WORKER'S COMPENSATION				
PUBLIC LIABILITY				
CONTINGENT LIABILITY				
PROPERTY DAMAGE				
BUILDER'S RISK				
AUTOMOBILE				
OTHER				

The foregoing policies (do) (do not) cover all sub-contractors.

Locations Covered: _____

Descriptions of Operations Covered: _____

The above referenced policies may not be changed, cancelled, or reduced in coverage without at least thirty (30) days advance written notice of such change or cancellation being given to the Owner. Where applicable local laws or regulations require more than thirty days actual notice of change or cancellation to the insured, the above policies contain such special requirements, either in the body thereof or by appropriate endorsement thereto attached.

Name of Insurer

By: _____

Title

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

STATE OF TEXAS

COUNTY OF DALLAS

Personally, before me the undersigned authority, on this day appeared _____ who, being
duly sworn, on oath, says that he is a legal representative of _____
(full name of Contractor as in contract)

and that the contract for the construction of the project, designated as
Chatham Court - Phase I Water Service Replacement

(Project No.)

has been satisfactorily completed and that all bills for materials, apparatus, fixtures, machinery and labor
used in connection with the construction of this project have, to the best of my knowledge and belief, been
fully paid.

Signature

Title

Sworn to and subscribed before me this _____ day of _____, 2005.

Notary Public in and for

_____ County, Texas

Instructions:

If the contractor is an individual, he shall sign the affidavit. If the contractor is a partnership, any partner may sign the affidavit. If the contractor is a corporation, a person authorized by the by-laws or by the Board of Directors shall sign the affidavit. If the Contractor is a joint-venture of individuals, any of the individuals may sign the affidavit. If the Contractor is a joint-venture of partnerships, or of individuals and partnerships, the affidavit may be signed by the individual or any partner of any partnership. If the contractor is a joint-venture in which a corporation is a party, separate affidavits must be executed in the name of the joint-venture: one by each corporation and one by each individual or partnership. Signatures for corporations should be by a duly authorized officer. If signature is by another, a showing of authority to sign must accompany the affidavit.

SECTION E

GENERAL PROVISIONS

SECTION E

GENERAL PROVISIONS

The General Provisions of the Contract shall be as stated in the Standard Specifications for Public Works Construction, North Central Texas Council of Governments (1993), under Part I, "General Provisions," Items 1.0 through 1.63 inclusive, as amended or supplemented and except as modified by the Special Provisions.

SECTION F

SPECIAL PROVISIONS

SECTION F

SPECIAL PROVISIONS

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SPECIAL PROVISIONS

1. OWNER

The Town of Addison, herein referred to as Owner, party of the First Part of these Contract Documents, or as may be otherwise established through assignment of the contract.

2. ENGINEER

GSWW, Inc., Engineer of the Owner, or other representative as may be authorized by said Owner to act in any particular position.

3. FORMS, PLANS AND SPECIFICATIONS

Forms of Proposal, Contract, Bonds and Plans may be obtained from the office of Ms. Minok Suh, Purchasing Agent, Finance Building, 5350 Belt Line Road, Addison, Texas, 972-450-7091.

4. COPIES OF PLANS FURNISHED

A CD of the plans and specification shall be furnished to the Contractor, at no charge, for construction purposed.

5. PROJECT RECORD DOCUMENTS

Maintenance of Documents

The Contractor shall maintain at the job site one record copy of the Contract Drawings, Specifications, Shop Drawings, Change Orders, other modification to the Contract, field test records and other documents submitted by Contractor in compliance with specification requirements. These documents shall be maintained at the job site apart from documents used for construction. These documents are not to be used for construction purposes. The documents shall be maintained in clean, legible condition. The documents shall be made available at all times for inspection by the Owner.

Recording

Each document shall be labeled Project Record Copy in 2-inch high printed letters. The record documents shall be kept current. No work shall be covered until required information has been recorded.

Contract Drawings

The appropriate drawing shall be legibly marked to record, where applicable:

- a. Horizontal and vertical location of underground utilities and appurtenances referenced to permanent surface improvements.
- b. Field changes of dimension and detail made during construction process.
- c. Changes made by Change Order or Supplemental Agreement.
- d. Details not on original Contract Drawings.
- e. Manufacturer, trade name, catalog number and supplier of each product and item of equipment actually installed.
- f. Changes made by Change Order or Supplemental Agreement.
- g. Other matters not originally specified.

Shop Drawings

The Contractor shall maintain the Shop Drawings as record drawings and legibly annotate shop drawings to record changes made after review. A red felt-tip marking pen shall be used for all recording.

Submittal

At the completion of the project, the Contractor shall deliver record drawings to the Owner. The transmittal letter shall be accompanied, in duplicate, with:

- a. Date, project title and number.
- b. Contractor's name and address.
- c. Title and number of each record document.
- d. Certification that each document as submitted is complete and accurate.
- e. Signature of Contractor or his authorized representative.

6. HORIZONTAL AND VERTICAL SURVEY CONTROL

The Contractor will be responsible for horizontal and vertical survey control for this project. No Benchmarks or alignment are provided on the plans.

7. PERMITS, LICENSES, AND REGULATIONS

Permits and licenses of a temporary nature necessary for the prosecution of the Work shall be secured and paid for by the Contractor. Permits, licenses and easements for permanent structures or permanent changes in existing facilities shall be secured and paid for by the Owner, unless otherwise specified. If the Contractor observes that the Drawings and Specifications are at variance therewith, he shall promptly notify the Engineer in writing, and any necessary changes shall be adjusted as provided in the Contract for changes in Work. The Contractor shall comply with all federal, state and local laws, rules and regulations of every kind and nature applicable to the performance of its Work hereunder, and shall hold the Owner harmless therefrom.

8. REFERENCE SPECIFICATIONS

Where reference is made to specifications compiled by others, such are hereby made a part of these Specifications.

9. REVIEW OF WORK

The Owner and his representatives shall have the right to review the Work while such Work is in progress to ascertain that the Work is being accomplished in compliance with the standards and requirements set forth in the Contract Documents. It is also contemplated that similar review will be conducted by governmental inspectors. Notwithstanding such review, the Contractor will be held responsible for the finished Work, and any acceptance of the Work by the Owner or governmental agencies will not relieve the Contractor from responsibility for the Work. The Owner reserves the right to place full-time construction observers at the site of the Work.

The Owner and his representatives shall at all times have access to the Work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access, and for review.

If the Specifications, the Owner's instructions, laws, ordinances, or any public authority require any Work to be specially tested, the Contractor shall give the Owner timely notice of its readiness for testing, and if the testing is by an authority other than the Owner, of the date fixed for such testing. Tests by the Owner shall be made promptly, and where practicable at the source of supply.

Re-examination of any Work may be ordered by the Owner, and, if so ordered, the Work must be uncovered by the Contractor. If such Work is found to be in accordance with the Contract Documents, the Owner shall pay the cost of re-examination and replacement. If such Work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10. INSPECTION

Notwithstanding the foregoing, the Town of Addison reserves the right to inspect, test, measure or verify the construction work for this project as the Town deems necessary.

11. SCOPE OF WORK

The Work for this Project consists of furnishing all materials, labor, equipment, tools and incidentals necessary to construct, in accordance with the Plans and Specifications, the proposed improvements for Chatham Court –Phase I Water Service Replacement.

12. PROPERTY LINES AND MONUMENTS

All property corners, control monuments, construction and survey stakes and marks shall be carefully preserved by the Contractor, and in case of careless destruction or removal by Contractor or his employees, such stakes or marks shall be replaced at the Contractor's expense as required by the Owner.

13. DISCREPANCIES

If the Contractor, in the course of the Work, finds any discrepancy between the Contract Documents and the physical conditions of the locality, or any errors or omissions in drawings or in the layout as given by survey points and instructions, or if it appears that any Plan, Specification or other Contract Document is or may be not in compliance with any building code or other requirement of any governmental body, he shall immediately inform the Owner in writing, and the Owner shall promptly verify the same. Any Work done after such discovery, until authorized, will be done at the Contractor's risk.

14. TIME ALLOTTED FOR COMPLETION

All items of Work included under these contracts shall be completed within the time stipulated by the Bidder in the Proposal Form. The time shall commence on the date specified in the Notice to Proceed. The Notice to Proceed shall consist of a written order by the Owner for the Contractor to proceed with construction of the Project.

15. EXISTING STRUCTURES

The Plans show the location of all known surface and subsurface structures. However, the Owner assumes no responsibility for failure to show any or all of these structures on the Plans, or to show them in their exact location. It is mutually agreed that such failure shall not be considered sufficient basis for claims for additional compensation or extra work or for increasing the pay quantities in any manner whatsoever, unless the obstruction encountered is such as to necessitate changes in the lines or grades, or require the building of special work, provisions for which are not made in the Plans and Proposal, in which case the provisions in these Specifications for extra work shall apply.

16. EXISTING UTILITIES AND SERVICE LINES

The Contractor shall contact all the utility companies which have facilities in the vicinity of the proposed improvements to confirm the horizontal and vertical locations of their respective facilities prior to commencing work. Where a conflict with the proposed improvements is encountered, the Contractor shall notify the Engineer immediately prior to proceeding with the work.

The Contractor shall be responsible for the protection of all existing utilities or service lines crossed or exposed by his construction operation. Where existing utilities or service lines are cut, broken or damaged, the Contractor shall replace the utilities or service lines with the same type of original construction, or better, at his own cost and expense. All replacement, backfill and compaction shall be accomplished in strict accordance with the requirements of the owner of the utility or service line.

17. PUBLIC UTILITIES AND OTHER PROPERTY TO BE CHANGED

In case it is necessary to change or move the property of any owner or of a public utility, such property shall not be moved or interfered with until authorized by the utility company and approved by the Owner. The right is reserved to the owner of public utilities to enter upon the limits of the Project for the purpose of making such changes or repairs of this contract.

18. LIGHTS AND POWER

The Contractor shall provide, at his own expense, temporary lighting and power facilities required for the proper execution of the Work.

19. PERMITS AND RIGHTS-OF-WAY

The Owner will provide rights-of-way for the purpose of construction without cost to the Contractor by securing permits in areas of public dedication or by obtaining easements across privately-owned property. It shall be the responsibility of the Contractor, prior to the initiation of construction on easements through private property, to inform the property owner of his intent to begin construction. Before beginning construction in areas of public dedication, the Contractor shall inform the agency having jurisdiction in the area forty-eight (48) hours prior to initiation of the Work. The Contractor shall obtain a right-of-way permit from the Town of Addison.

20. PRECONSTRUCTION CONFERENCE

The successful Contractor(s) and Owner shall meet at the call of the Owner on this Project. Prior to the meeting, the Contractor(s) shall prepare schedules showing the sequencing and progress of their work and its effect on others. These schedules shall be delivered to the Owner in advance of the meeting for his review. The general nature of the work, materials used, and methods of construction as well as the schedules will be discussed at the meeting. A final composite schedule will be prepared during this conference to allow an orderly sequence of project construction.

21. ADDENDA

Bidders desiring further information, or interpretation of the Plans and Specifications, must make written request for such information to the Engineer (not later than seven (7) calendar days prior to the date set for the Bid opening). Answers to all such requests will be given in writing to all Bidders in addendum form and all addenda will be bound with and made a part of the Contract Documents. No other explanation or interpretation will be considered official or binding. Should a Bidder find discrepancies in, or omissions from, the Plans, Specifications or Contract Documents, or should he be in doubt as to their meaning, he shall at once notify the Engineer in writing in order that a written addendum may be sent to all Bidders.

22. WATER FOR CONSTRUCTION

The Contractor shall acquire a meter and make the necessary arrangements with the Town of Addison for securing and transporting all water required in the construction, including water required for mixing of concrete, sprinkling, testing or flushing. Water required for construction shall be paid for by the Contractor at the Town of Addison prevailing rates. There will be no separate pay item for connection into the existing water system and quantity of water required for construction purposes.

23. EXCAVATION

The Contractor shall exercise precautions to insure that drainage from adjacent properties is not blocked by his excavations.

24. CONTRACTOR'S BID

The Contractor's Bid shall be on a Unit Price basis for construction of the Project as shown on the Plans and described in the Specifications.

25. OWNER'S STATUS

The Owner shall perform technical review of the Work. He shall also have authority to reject all Work and materials which do not conform to the Contract and to decide questions which arise in the execution of the Work.

26. OWNER'S DECISIONS

The Owner shall, within a reasonable time after their presentation to him, make decisions in writing on all claims of the Contractor and on all other matters relating to the execution and progress of the Work or the interpretation of the Contract Documents.

27. LANDS FOR WORK

The Owner shall provide as indicated on the Plans for this Project, the lands upon which the Work under this Contract is to be done, right-of-way for access to same, and such other lands which are designated on the Plans or in the Specifications for the use of the Contractor. Such lands and rights-of-way shall be adequate for the performance of the Contract. Should the Contractor be delayed as the result of lack of access, this shall be cause for an extension of time but not for additional cost.

The Contractor shall provide at his own expense and without liability to the Owner any additional land and access thereto that may be required for temporary construction facilities.

28. CLEANING UP

The Contractor shall remove at his own expense all temporary structures, rubbish and waste materials resulting from his operations daily. These requirements shall not apply to property used for permanent disposal of rubbish or waste materials in accordance with permission of such disposal granted to the Contractor by the Owner thereof.

29. AWARD AND EXECUTION OF CONTRACT

For the purpose of award, each bid submitted shall consist of two parts whereby:

Standard Bid (A) = The correct summation of the products of the estimated quantities shown in the proposal, multiplied by their bid unit prices.

Time Bid (B) = (CD x Daily Value) = the product of the number of calendar days (CD) provided by the Contractor and the Daily Value established by the Town.

For purposes of this Contract, the Daily Value is \$250.00.

The lowest evaluated bid (Total Bid) will be determined by the Town as the lowest sum of Standard Bid (A) plus Time Bid (B) according to the following formula:

$$\text{Total Bid} = \text{Standard Bid (A)} + \text{Time Bid (B)}$$

Time Bid (B) from the preceding formula will not be used to determine final payment to the Contractor. All payments will be based on actual quantities and bid unit prices.

The Town desires to expedite construction on this contract to minimize the inconvenience to the traveling public and to reduce the time of construction. In order to achieve this, an incentive – disincentive provision is established for the contract. **The total incentive payment shall not exceed \$5,000.00. A bid with more than 60 days will be considered non-responsive and will be rejected.**

30. AWARD AND EXECUTION OF CONTRACT

In the event the Contractor completes the contract prior to the expiration of the Original Contract Time, the Town will pay the Contractor an incentive payment of the Daily Value amount specified in provision 29 for each calendar day the actual completion date precedes the Original Contract Time and subject to the conditions set forth below. The term "Original Contract Time" as used in this Provision will mean the number of calendar days established by the Contractor for completion of the work of the Contract on the date the Contract was executed. The term "calendar day" as used in this Article will mean every day shown on the calendar. Calendar days will be consecutively counted from commencement of Contract Time regardless of weather, weekends, holidays, suspensions of Contractor's operations, delays or other events as described herein. For purposes of the calculation and the determination of entitlement to the incentive payment stated

above, the Original Contract Time will not be adjusted for any reason, cause or circumstance whatsoever, regardless of fault, save and except in the instance of a catastrophic event (I.e., war, invasion, riot, declared state of emergency, national strike, or other situations as declared by the Town of Addison). The parties anticipate that delays may be caused by or arise from any number of events during the course of the Contract, including, but not limited to, work performed, work deleted, change orders, supplemental agreements, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right of way issues, permitting issues, actions of suppliers, subcontractors or other contractors, actions by third parties, show drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, suspension of Contractor's operations, or other such events, forces or factors sometimes experienced in roadway construction work. Such delays or events and their potential impacts on performance by the Contractor are specifically contemplated and acknowledged by the parties in entering into this Contract, and shall not extend the Original Contract Time for purposes of calculation of the incentive payment set forth above. Further, any and all costs or impacts whatsoever incurred by the Contractor in accelerating the Contractor's work to overcome or absorb such delays or events in an effort to complete the Contract prior to expiration of the Original Contract Time, regardless of whether the Contractor successfully does so or not, shall be the sole responsibility of the Contractor in every instance.

In the event of a catastrophic event (i.e., war, invasions, riot, declared state of emergency, national strike, or other situations as declared by the Town of Addison) directly and substantially affecting the Contractor's operations on the Contract, the Contractor and the Town shall agree as to the number of calendar days to extend the Original Contract Time so that such extended Original Contract Time will be used in calculation of the incentive payment. In the event the Contractor and Town are unable to agree to the number of calendar days to extend the Original Contract Time, the Town shall unilaterally determine the number of calendar days to extend the Original Contract Time reasonably necessary and due solely to such catastrophic event and the Contractor shall have no right whatsoever to contest such determination, save and except that the Contractor establishes that the number of calendar days determined by the Town were arbitrary or without any reasonable basis.

The Contractor shall have no rights under the Contract to make any claim arising out of this incentive payment provision except as is expressly set forth in this Provision. As conditions precedent to the Contractor's entitlement to any incentive the Contractor must:

(1) Actually complete the Contract and obtain final acceptance by the Town prior to expiration of the Original Contract Time.

(2) The Contractor shall notify the Town in writing, within 30 days after final acceptance of the Contract by the Town, that the Contractor elects to be paid the incentive payment which the Contractor is eligible to be paid based on the actual final acceptance date, and such written notice shall constitute a full and complete waiver, release and acknowledgement of satisfaction by the Contractor of any and all claims, causes of action, issues, demands, disputes, matters or controversies, of any nature or kind whatsoever, known or unknown, against the Town, its employees, officers, agents, representatives, consultants, and their respective employees, officers and representatives, the Contractor has or may have, including, but not limited to, work performed, work deleted, change orders, supplemental agreements, delays, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right of way issues, permitting issues, actions of suppliers or subcontractors or other contractors, actions by third parties, shop drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, suspensions of Contractor's operations, extended or unabsorbed home office or job site overhead, lump sum maintenance of traffic adjustments, lost profits, prime mark-up on subcontractor work, acceleration costs, any and all direct and indirect costs, any other adverse impacts, events, conditions, circumstances or potential damages, on or pertaining to, or as to or arising out of the Contract. This waiver, release and acknowledgement of satisfaction shall be all inclusive and absolute, save and except any routine Town final estimating quantity adjustments.

Should the Contractor fail to actually complete the Contract and obtain final acceptance by the Town prior to expiration of the Original Contract Time, or should the Contractor, having timely completed the Contract and obtained final acceptance by the Town prior to expiration of the original Contract Time but have failed to

timely request the incentive payment for any reason, and including but not limited to the Contractor choosing not to fully waive, release and acknowledge satisfaction as set forth in (2) above, the Contractor shall have no right to any payment whatsoever under this Article. Notwithstanding the Contractor's election or non-election of the incentive under this provision, the disincentive provision applies to all circumstances where the work in the Contract is not finally accepted by the Allowable Contract Time.

Should the Contractor fail to complete the Contract on or before expiration of the Allowable Contract Time, as adjusted in accordance with the provisions above, the Town shall deduct from the moneys due the Contractor the Daily Value as shown in provision 29 for each calendar day completion exceeds the Allowable Contract Time. The term "Allowable Contract Time" as used in this Article shall mean the Original Contract Time plus adjustments pursuant to the statements above. This deduction shall be the disincentive for the Contractor's failing to timely complete the Contract. **This shall be strictly enforced.** In the event the Contractor elects to exercise this incentive payment provision, should this provision conflict with any other provision of the Contract; the Contract shall be interpreted in accordance with this provision.

31. USE OF EXPLOSIVES

Use of explosives will not be allowed.

32. PROJECT MAINTENANCE

The Contractor shall maintain, and keep in good repair, the improvements covered by these Plans and Specifications during the life of his contract.

33. DISPOSAL OF WASTE AND SURPLUS EXCAVATION

All asphalt, concrete, rock or excavated material, or other debris shall be removed from the property and the Town of Addison. Any required disposal permits shall be the sole responsibility of the Contractor.

34. REMOVALS, ADJUSTMENTS AND REPLACEMENTS

Existing pavements, driveways, curbs, gutters, sidewalks, etc., to be removed to facilitate the construction of the improvements shall be broken up and disposed of. Care shall be exercised to leave a neat, uniform edge or joint at the excavation limits or sections removed where only portions are to be removed. The Owner will designate the limits to be removed. Where pavements, driveways, curbs, gutters, sidewalks, etc., shall be replaced, then said replacements shall be to the standard of the previously removed portion or better.

Existing structures such as manholes, inlets, cleanouts, valve boxes, etc. which are not the property of a private firm or company, or an individual required to move their own property, shall be adjusted, altered or reset to the required elevation and alignment. New materials and workmanship necessary shall conform to the requirements of these Specifications covering the particular Work. Salvaged materials in good condition may be used in rebuilding such structures, provided the materials are thoroughly cleaned before their use.

All private obstructions which are indicated on the Plans to be moved, will be removed and replaced, or moved to new permanent locations by the Contractor, without additional payment to the Contractor. Any such additional item which the Contractor moves or causes to be moved for his own convenience shall be at his own expense.

35. TOWN OF ADDISON APPROVAL

This project is subject to final approval and acceptance by Town of Addison.

36. TRAFFIC CONTROL

The Contractor shall be responsible for providing traffic control during the construction of this Project consistent with the provisions set forth in the latest edition of the "Texas Manual on Uniform Traffic Control Devices for Streets and Highways" issued under the authority of Sections 542.202, 544.001 and 544.002 of the Texas Transportation Code. The Contractor will not remove any regulatory sign, instructional sign, street name sign, or other sign which has been erected by the City. If it is determined that a sign must be removed to permit required construction, the Contractor shall contact the Town of Addison to remove the sign. In the

TRAFFIC CONTROL
SHALL BE INCIDENTAL
TO COST OF BID
ITEMS

#43148

ADD NOTE ABOUT HAVING
A PRE BID VIDEO TO
SHOW CONDITION OF SITE
PRIOR TO CONSTRUCTION
TO BE HANDED OVER AT
PRE CONSTRUCTION MTG

case of regulatory signs, the Contractor must replace the permanent sign with a temporary sign meeting the requirements of the above-referenced manual, and such a temporary sign must be installed prior to the removal of the existing sign. The Contractor shall submit a Traffic Control Plan at least five (5) calendar days prior to commencing work for review and approval by the Town of Addison. One lane of traffic shall be maintained at all times during construction.

37. CERTIFICATION

The Contractor shall submit a manufacturer's certification that the material was manufactured and tested in accordance with the referenced Specifications and a report of test results. The certification shall be submitted prior to material shipment.

38. FINAL ACCEPTANCE OF WORK

Final acceptance of the Work is subject to final testing and approval of the Work by the Town of Addison.

39. WORK AREA

Contractor is responsible for obtaining their own staging and storage area offsite prior to construction. No storage will be allowed within public right-of-way. The area shall be approved by the Town of Addison prior to beginning any construction. Storage areas shall be restored in accordance with these specifications at the Contractor's expense. In addition, the Contractor shall restore existing items such as turf, concrete/asphalt pavement, curbs, sidewalks, trees, etc. damaged by the movement of equipment/materials to/from the site in accordance with these specifications at his expense.

40. CONTRACTOR'S AFFIDAVIT OF BILLS PAID

The Contractor shall be required to execute the form provided in Section D prior to the acceptance of the project.

41. PAY ITEMS

Pay items provided are intended to be all-inclusive of the work required on this project. Work required by the plans or specifications but not provided with a specific pay item shall be considered incidental to other items of work.

Final payment to the construction contractor shall not be made until all Work has been finally completed and verified in accordance with the construction contract, plans and specifications and have been finally accepted by the Town of Addison.

42. SAMPLES AND TESTS OF MATERIALS

Modify the General Provisions, Section GP 1.42.3, Samples and Tests of Materials.

"The Contractor shall designate and pay a recognized testing laboratory to perform all concrete mix design for this project. Such designation shall be subject to the approval of the Owner. Samples of all materials for tests shall be taken by the Contractor's authorized representative at the discretion of the Owner.

"All samples and tests shall be performed in accordance with the Standard Specifications for Public Works Construction, North Central Texas Council of Governments (1983) as amended or supplemented."

All concrete mix designs and supporting data shall be submitted to the Owner for approval and accepted at least ten (10) days prior to placing concrete.
No separate payment will be allowed for samples and testing of material.

43. CONSTRUCTION STAKING

Construction staking will not be provided by the Owner or Engineer.

44. COMPLIANCE WITH GENERAL RULES AND LAWS

"Contractor shall familiarize himself with the nature and extent of the specifications, site conditions, traffic and safety requirements, and comply with all federal, state and local laws, ordinances, rules and regulations. Contractor shall determine how compliance with requirements, laws, rules, and regulations will affect his cost, progress or performance of the Work."

45. COMPLIANCE WITH IMMIGRATION LAWS

"Contractor shall take all steps necessary to ensure that all of the Contractor's employees are authorized to work in the United States as required by the Immigration Reform and Control Act of 1986."

46. RESOLUTION OF DISPUTES

The parties hereby covenant and agree that in the event of any controversy, dispute, or claim, of whatever nature arising out of, in connection with or in relation to the interpretation, performance or breach of this agreement, including but not limited to any claims based on contract, tort or statute, before filing a lawsuit, the parties agree to submit the matter to Alternative Dispute Resolution pursuant to the laws of the State of Texas. The parties shall select a third party arbitrator or mediator from the current list of neutrals on file with the Alternative Dispute Resolution Administrator of the Dallas County District Courts. All forms of Alternative Dispute Resolution may be used except binding arbitration. The proceedings shall be conducted in accordance with the laws of the State of Texas.

47. GENERAL SEQUENCE OF CONSTRUCTION

Prior to the start of work, the contractor shall develop a detailed construction schedule and sequence of construction, to be submitted to the Town of Addison for approval, that shall cause minimum interference with traffic along, across and adjacent to the project during construction. If the schedule or sequence becomes unworkable or unsatisfactory as work proceeds, adjustments shall be made. During all phases of construction one lane of traffic (one in each direction) and access to all side streets and driveways must be maintained at all times unless otherwise authorized in writing by the Town of Addison.

Barricades, temporary pavement markings, and channelizing devices conforming to the current edition of the Texas M.U.T.C.D. shall be used during all stages of construction to control traffic flow through the work zones. Sidewalks and/or clear passage ways must be provided at all times for pedestrian traffic in the area.

Erosion control devices must be properly installed and maintained during all stages of construction.

48. CONSTRUCTION STAKING

(NOT USED)

49. LANDSCAPE REPAIR

No separate pay shall be made for repair of damage to any and all landscaping including, but not limited to, grass, trees, shrubs, flowers, edging, etc. Such work shall be considered subsidiary to the various other items bid.

50. IRRIGATION AND SPRINKLER REPAIR

The contractor shall maintain all irrigation systems within the limits of the project during the duration of the contract. The contractor is responsible for the repair or replacement of any damage to irrigation lines, valves, controllers, sprinklers, wiring and appurtenances which are damaged during construction. All repairs shall be made by an Irrigator licensed in the state of Texas. This repair is subsidiary to the various other items bid.

51. WORKERS' COMPENSATION INSURANCE COVERAGE

A. **Definitions.**

Certificate of Coverage ("certificate") - A copy of a certificate of insurance, a certificate of authority to self insure issued by the Texas Workers' Compensation Commission (the

"TWCC"), or a coverage agreement (TWCC-81, TWCC-82, TWCC-83 or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

Duration of the Project - includes the time from the beginning of the work on the project until the Contractor's/person's work on the project has been completed and accepted by the governmental entity.

Persons Providing Services on the Project ("subcontractor" in Section 406.096 of the Texas Labor Code) - includes all persons or entities performing all or part of the services the Contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the Contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

- B. The Contractor shall provide coverage, based on property reporting of classification codes and payroll amounts and filing of any coverage agreement, which meets the statutory requirements of Texas Labor Code, 401.011(44) for all employees of the Contractor providing services on the project, for the duration of the project.
- C. The Contractor must provide a certificate of coverage to the Owner prior to being awarded the contract.
- D. If the coverage period shown on the Contractor's current certificate of coverage ends during the duration of the project, the Contractor must, prior to the end of the coverage period, file a new certificate of coverage with the Owner, showing that the coverage has been extended.
- E. The Contractor shall obtain from each person providing services on the project, and provide to the Owner:
 - (1) a certificate of coverage, prior to that person beginning work on the project, so that the Owner will have on file certificates of coverage showing coverage for all persons providing services on the project; and,
 - (2) no later than seven days after receipt by the Contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;
- F. The Contractor shall retain all required certificates of coverage on file for the duration of the project and for one year thereafter.
- G. The Contractor shall notify the Owner in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project.
- H. The Contractor shall post on each project site a notice, in the text, form and manner prescribed by the TWCC, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify current coverage and report failure to provide coverage.
- I. The Contractor shall contractually require each person with whom it contracts to provide services on a project to:

- (1) provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Codes 401.011 (44) for all its employees providing services on the project, for the duration of the project;
 - (2) provide to the Contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;
 - (3) provide the Contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;
 - (4) obtain from each person with whom it contracts, and provide to the Contractor;
 - a. a certificate of coverage, prior to the other person beginning work on the project; and,
 - b. a new certificate of coverage showing extension of the coverage period, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project.
 - (5) retain all required certificates of coverage on file for the duration of the project and for one year thereafter;
 - (6) notify the Owner in writing by certified mail or personal delivery, within 10 days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and
 - (7) contractually require each other person with whom it contracts to perform as required by paragraphs (1) - (7) with the certificate of coverage to be provided to the person for whom they are providing services.
- J. By signing this contract or providing or causing to be provided a certificate of coverage, the Contractor is representing to the Owner that all employees of the Contractor who will provide services on the project will be covered by worker's compensation coverage for the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the TWCC's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties or other civil actions.
- K. The Contractor's failure to comply with any of these provisions is a breach of contract by the Contractor which entitles the Owner to declare the contract void if the Contractor does not remedy the breach within ten days after receipt of notice of breach from the Owner.

The following is the form of notice of workers' compensation coverage prescribed by the TWCC. Pursuant to Section 110.110 (d) (7), this notice must be printed with a title in at least 30-point bold type, and text in at least 19-point nominal type, and shall be in both English and Spanish and any other language common to the worker population.

REQUIRED WORKERS' COMPENSATION COVERAGE

"The law requires that each person working on this site or providing services related to this construction project must be covered by workers' compensation insurance. This

includes persons providing, hauling or delivering equipment or materials, or providing labor or transportation or other service related to the project, regardless of the identity of their employer or status as an employee.

"Call the Texas Workers' Compensation Commission (TWCC) at (512) 440-3789 to receive further information on the legal requirements for coverage, to verify whether your employer has provided the required coverage, or to report an employer's failure to provide coverage."

52. PROJECT TRAILER

The Owner will not provide the Contractor with a storage area for a project trailer. The Contractor will not be required to provide a job trailer for meetings, phone conversations and other day to day activities. Meetings can be held at the Town of Addison Service Center.

53. PREVAILING WAGE RATES

Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached hereto.

All bidders will be required to comply with Chapter 2258, Prevailing Wage Rates of Vernon's Texas Codes Annotated with respect to the payment of prevailing wage rates. This applies to the construction of a public work, including a building, highway, road, excavation, and repair work or other project development or improvement, paid for in whole or in part from public funds, without regard to whether the work is done under the public supervision or direction. A worker is employed on a public work if the worker is employed by the contractor or any subcontractor in the execution of the contract for the project.

A worker employed on a public work by or on behalf of the Town shall be paid not less than the general prevailing rate of per diem wages for the work of a similar character in the locality in which the work is performed, and not less than the general prevailing rate of per diem wages for legal holiday and overtime work.

The State of Texas has adopted the Federal Davis-Bacon wage rates for the use in Texas and the City pursuant to and in accordance with the Texas Government Code, Section 2258.022. You may access the U. S. Department of Labor web site at the following web address to obtain these rates to be used in Dallas County:

<http://www.gpo.gov/davisbacon/allstates.html>

It shall be the responsibility of the successful bidder to obtain the proper wage rates from this site for Dallas County for the type of work defined in these bid specifications.

54. COORDINATION BETWEEN CONTRACTORS

The public contractors shall coordinate and sequence their construction with each other and the private contractors through the owner.

SECTION G

TECHNICAL SPECIFICATIONS

SECTION G

TECHNICAL SPECIFICATIONS

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TECHNICAL SPECIFICATIONS

All materials and construction methods for this project shall conform with the **North Central Texas Standard Specifications for Public Works Construction (NCTSSPWC), 3rd Edition** (not included), including all amendments, the Town of Addison Special Provisions to NCTSSPWC, and any Town of Addison Standard Construction Details adopted prior to the bid opening, unless there exists a conflict with these Technical Specifications or the project plans and standard detail sheets, in which case the Technical Specifications, plans and standard detail sheets shall govern.

TS-1 WATER SERVICE BY OTHER THAN OPEN CUT - BID ITEM 1

This item is for the furnishing and installing water services regardless of size by other than open cut methods. Payment for water services installed by other than open cut shall be for each water service installed and shall include, connection to the existing water line and existing meter, adjustments or relocation of meters, new water meter box, couplings or saddles, service pipe sleeves, corporation stops, boring, surface restoration, sidewalk removal & replacement, street and alley removal & replacement, driveway removal & replacement, irrigation, all plants, sodding, mailbox removal or replacement, landscape items, labor, equipment, and material as necessary to complete the work.

All areas where concrete sidewalk has been damaged by Contractor's activities or removed by the Contractor shall be repaired immediately with a temporary asphalt surface or a permanent concrete surface. The asphalt for temporary sidewalk surfaces shall meet all ADA requirements until the permanent concrete sidewalk is constructed. Asphalt sidewalk surface shall be subsidiary to installation of the water services and shall be included in the unit bid price for water services by other than open cut.

Contractor shall remove & salvage all existing water meter boxes and deliver them to the Town of Addison Service Center. Meter box removal and delivery shall be subsidiary to installation of the water services and shall be included in the unit bid price for water services by other than open cut.

If the Town of Addison's Representative decides that the existing water meter box does not need to be replaced, then the new meter box shall be given to the Town of Addison. The Contractor shall deliver the unused meter boxes to the Town of Addison Service Center. Meter box delivery shall be subsidiary to installation of the water services and shall be included in the unit bid price for water services by other than open cut.

**** The Town of Addison prefers the 'pneumatic' boring operations for this project to minimize disturbance to the surrounding homeowners. However, conventional boring will be allowed on a case by case basis. In the event that the pneumatic bore fails and conventional boring is required, the contractor shall only be paid once per service at the unit bid price of Bid Item No. 1.**

TS-2 TRENCH SAFETY PROGRAM – NO PAY ITEM

This item shall include the furnishing, installing, operating, maintaining, adjusting, and removing, all labor, materials, tools, equipment, and superintendence necessary for the trench safety program. This item shall also include the furnishing of a trench safety design for all trenches provided by this project. The design shall be in accordance with the Department of Labor criteria, OSHA safety and health standards (29CFR 1926/1010), and the Texas trench safety criteria. The design shall be prepared, signed and sealed by a registered professional geotechnical or structural engineer. The engineer shall have sufficient professional engineering competence to designate necessary geotechnical investigation, interpret information, and formulate structural design. The engineer shall be experienced in trench safety design and shall have had no trench safety design failures. The design shall provide for safety of all personnel, and the public present in or adjacent to any trench constructed under the scope of this contract. Trench Safety Program as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-3 FURNISH AND INSTALL BARRICADES AND SIGNS - NO PAY ITEM

This item is for the furnishing, installation and maintenance of traffic during construction as described in Special Provision 35, Traffic Control, and Special Provision 46, General Sequence of Construction. Furnish and install barricades and signs as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-4 SAW CUTTING EXISTING PAVEMENT - NO PAY ITEM

This item is for saw cutting of all existing pavement/sidewalk for the project. Pavement/sidewalk shall be saw cut full depth. Contractor's saw cut shall be such that it allows for a complete break in the cut pavement. During pavement & curb sawcutting, if the contractor is within three feet (3') of a joint he shall cut 90 degrees into the joint. No differentiation in price shall be allowed for variations in pavement depth, hardness or materials. The Contractor's price shall be for the complete in place total linear foot of pavement/sidewalk cut and shall include all labor, equipment and materials necessary to complete the work. Any broken or spalled edges will be re-sawed prior to replacement of new concrete pavement with no extra or additional payment. DO NOT CUT DRIVEWAYS IF AT ALL POSSIBLE. BORE UNDER THE DRIVE TO THE METER BOX. Saw cutting as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-5 REMOVE & REPLACE REINFORCED CONC. STREET & ALLEY PAVING WITH OR WITHOUT INTEGRAL CURB – NO PAY ITEM

This item is for the removal, disposal and construction of 8" reinforced concrete paving to include concrete curb. The concrete shall be a minimum of a 6 sacks of concrete per

cubic yard mix and shall test at a minimum of 4000 psi at 28 days per ASTM C 39. Maximum slump for the concrete shall be 5". The concrete shall be dowelled to the existing pavement using #5 smooth dowel bars on 18" centers. The concrete shall be reinforced with #3 reinforcing bars at 18" spacing in each direction per the pavement detail. This item shall also include the construction of the integral curb as shown in the details and including the curb dowel as needed. The reinforcing steel shall be grade 60 and shall be supported on chairs that will support the reinforcing steel 4" above the subgrade. The contractor shall vibrate all concrete during the pour by a method approved by the City Engineer. A minimum of two 6" x 12" cylinders shall be taken for every 25 cubic yards of pour. These cylinders shall all be broken at 28 days. No sand level up course will be allowed under any paving. The paving shall have a baker broom finish and shall be cured with a highway white curing compound applied per manufactures recommendations. During pavement & curb removal, if the contractor is within three feet (3') of a joint he shall cut 90 degrees into the joint.

Samples and testing for materials is considered a subsidiary cost and shall be included in the unit bid price for this item. Remove & replace reinforced concrete paving with or without integral curb as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-6 REMOVE & REPLACE REINFORCED CONC. DRIVEWAY – NO PAY ITEM

This item is for the removal, disposal and construction of 6" reinforced concrete driveway. Contractor shall match existing concrete material. DO NOT CUT DRIVEWAYS IF AT ALL POSSIBLE. BORE UNDER THE DRIVE TO THE METER BOX. The concrete shall be a minimum of a 6 sacks of concrete per cubic yard mix and shall test at a minimum of 4000 psi at 28 days per ASTM C 39. Maximum slump for the concrete shall be 5". The concrete shall be dowelled to the existing pavement using #5 smooth dowel bars on 18" centers. The concrete shall be reinforced with #3 reinforcing bars at 18" spacing in each direction per the pavement detail. This item shall also include the construction of the integral curb as shown in the details and including the curb dowel as needed. The reinforcing steel shall be grade 60 and shall be supported on chairs that will support the reinforcing steel 4" above the subgrade. The contractor shall vibrate all concrete during the pour by a method approved by the City Engineer. A minimum of two 6" x 12" cylinders shall be taken for every 25 cubic yards of pour. These cylinders shall all be broken at 28 days. No sand level up course will be allowed under any paving. The paving shall match the existing paving.

Samples and testing for materials is considered a subsidiary cost and shall be included in the unit bid price for this item. Remove & replace reinforced concrete driveway as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-7 REMOVE & REPLACE REINFORCED CONC. SIDEWALK AND LEADWALK – NO PAY ITEM

This item is for the removal, disposal and construction of 4" reinforced concrete sidewalk

and leadwalk. Contractor shall match existing concrete material. The concrete shall be a minimum of a 6 sacks of concrete per cubic yard mix and shall test at a minimum of 4000 psi at 28 days per ASTM C 39. Maximum slump for the concrete shall be 5". The concrete shall be dowelled to the existing pavement using #5 smooth dowel bars on 24" centers. The concrete shall be reinforced with #3 reinforcing bars at 24" spacing in each direction per the pavement detail. The reinforcing steel shall be grade 60 and shall be supported on chairs that will support the reinforcing steel 2" above the subgrade. The contractor shall vibrate all concrete during the pour by a method approved by the City Engineer. A minimum of two 6" x 12" cylinders shall be taken for every 25 cubic yards of pour. These cylinders shall all be broken at 28 days. No sand level up course will be allowed under any paving. The paving shall match the existing paving.

Samples and testing for materials is considered a subsidiary cost and shall be included in the unit bid price for this item. Remove & replace reinforced concrete sidewalk or leadwalk as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-8 TURF RESTORATION – NO PAY ITEM

General

Following construction of water mains, the associated appurtenances, and passing of all tests for the respective line segments, the Contractor shall prepare and restore the turf areas disturbed by construction. Turf areas shall be restored with the same type sod that is on the yard, in accordance with these specifications.

Sodding New Lawns

1. Area

Sod all areas adjacent to residential properties which were disturbed by construction as well as those areas with high erosion potential as directed by the Owner's Representative.

2. Soil Moisture

Pre-soak areas by water truck irrigation or other approved method to a depth of 2 inches immediately prior to sod placement. Place sod on moist but not muddy soil.

3. Placement

Deliver sod to the jobsite within 24 hours after cutting and lay immediately upon receipt. Fine grade and rake area prior to laying sod. Lay sod with staggered joints and with seams tightly fitted together. Water thoroughly after laying. Roll sod smooth after laying with 200 pound roller. Sod which is discolored or dehydrated shall be rejected and replaced at the Contractor's expense.

4. Cleanup

After planting operations are finished, clean all paved areas which have become strewn with soil or other material by sweeping and, if necessary, washing.

Protection

Erect barricades and warning signs as required to protect newly planted areas from traffic. Maintain barricades throughout maintenance period until lawn is established.

Maintenance

After the area has been sodded and approved, begin 90 days of water truck irrigation, or other approved irrigation method, to establish sufficient growth to equal 100% coverage for sodded areas. If an automatic irrigation system has been installed at the site, the contractor shall be responsible for providing the owner with an irrigation schedule. The contractor shall also check the system throughout the 90 day period to be sure the new sodded lawn is obtaining adequate moisture.

Lawns shall be maintained by watering, fertilizing, weeding, mowing and trimming.

Any sod section which fails to grow during the 90 day maintenance period shall be removed and replaced. It shall be maintained until it is satisfactorily established, as determined by the Owner's representative.

Lawns shall be mowed as soon as there is enough grass top growth to cut with a mower set at the specified height for the principal species planted. The contractor shall perform repeat mowings as required to maintain the specified height. Remove no more than 40% of grass leaf growth in initial or subsequent mowings.

Do not delay mowing until grass blades bend over and become matted. Do not mow when grass is wet. Time initial and subsequent mowings to maintain the grass height at 1-1/2-inches to 2-inches.

Apply Type B fertilizer after the first mowing and when the grass is dry at the rate of 34 pounds per 5000 square feet

Acceptance of Lawns

When lawn work is substantially complete, including maintenance, the Owner's representative will, upon request, make an inspection to determine acceptability.

The contractor shall replant work that has been rejected and shall continue the specified maintenance until the work is reinspected by Owner's representative and found to be acceptable.

Sodded lawns will be acceptable provided requirements, including maintenance, have been complied with, and a healthy, uniform, close stand of the specified grass is established, free of weeds, bare spots, surface irregularities, open "joints" and loose sections.

Clean Up

The contractor shall promptly remove soil and debris created by lawn work from paved areas. Wheels of vehicles shall be cleaned prior to leaving site to avoid tracking soil onto surfacing of roads, walks or other paved areas.

Measurement and Payment

Restoration of turf as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut". Payment shall be full compensation for 100% coverage of those areas restored by the Contractor for turf restoration and payment shall include raking, leveling, seeding, sodding, irrigation, hauling, proper disposal, equipment, labor, and all related materials.

Any irrigation repair shall be accomplished by a licensed irrigator by the State of Texas. Turf restoration as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-9 EROSION CONTROL DEVICES (CURB INLET PROTECTION) - NO PAY ITEM

General

Where indicated on the plans, the Contractor shall install, maintain and remove storm water pollution prevention devices (inlet erosion control devices) as shown in the plans. Devices shall be installed in accordance with and at the locations designated in the plans.

Measurement and Payment

The cost associated with installing, maintaining and removing storm water pollution prevention devices shall include but not be limited to, all equipment, labor, tools and related materials.

Erosion Control devices (curb inlet protection) as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-10 TEMPORARY ASPHALT PAVEMENT (2-INCH HMAC-Type "B" – NO PAY ITEM

General

The Contractor shall provide a temporary pavement repair immediately after trench backfill and compaction using a minimum of 2-inches of hot mix asphaltic concrete (Type "B") over a properly compacted trench. This temporary repair shall be rolled to provide a smooth transition between the existing pavement and the temporary repair.

Measurement and Payment

The cost associated with providing, maintaining, and removal of temporary asphalt pavement repair for all street cuts prior to street reconstruction shall include but not be limited to, all equipment, labor, tools and related materials.

Temporary Asphalt Pavement as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

TS-11 NOTIFICATION TO RESIDENTS OF CONSTRUCTION - NO PAY ITEM

General

The contractor shall notify all residences on each street of the impending construction. The contractor shall notify each resident in writing by a letter through the United States Post Office and by placing a "flyer" on each resident's door. A copy of each letter must be provided to the Town of Addison's Project Engineer. The letter must provide Contractor's name, address, phone number, foreman's name and cell phone number, when the construction will begin and when the construction will be completed. The letter must also inform the resident of what kind of construction is taking place. The notification letter and flyer must be approved by the Town of Addison's Project Engineer prior to mailing.

Measurement and Payment

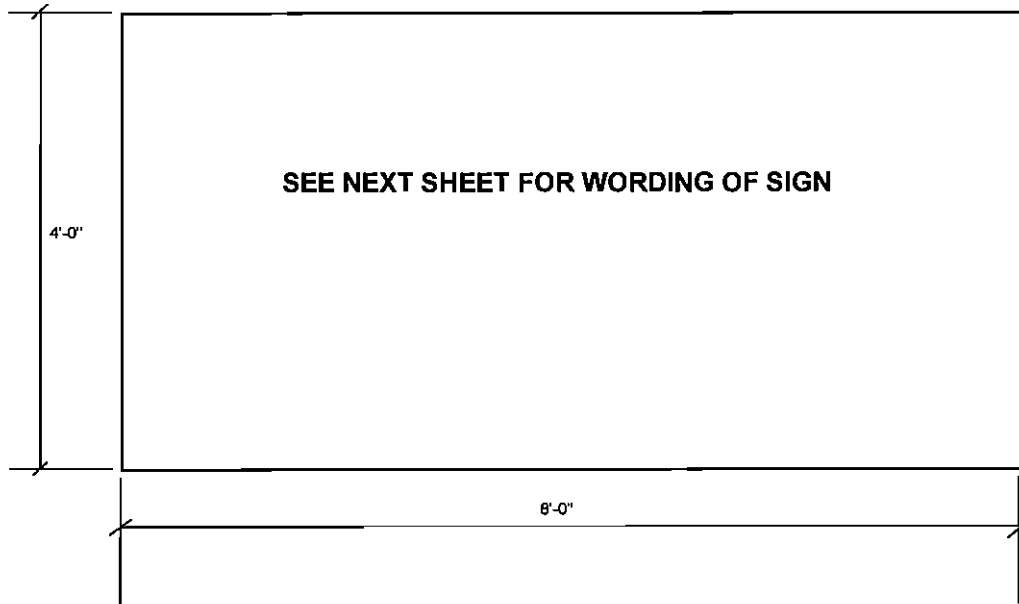
The cost associated with notifying all residences on each street of the impending construction shall include but not be limited to, all equipment, labor, tools and related materials.

Notification of residents of construction as specified shall not be paid for separately, but shall be considered incidental to all cost of the "Water Service By Other Than Open Cut".

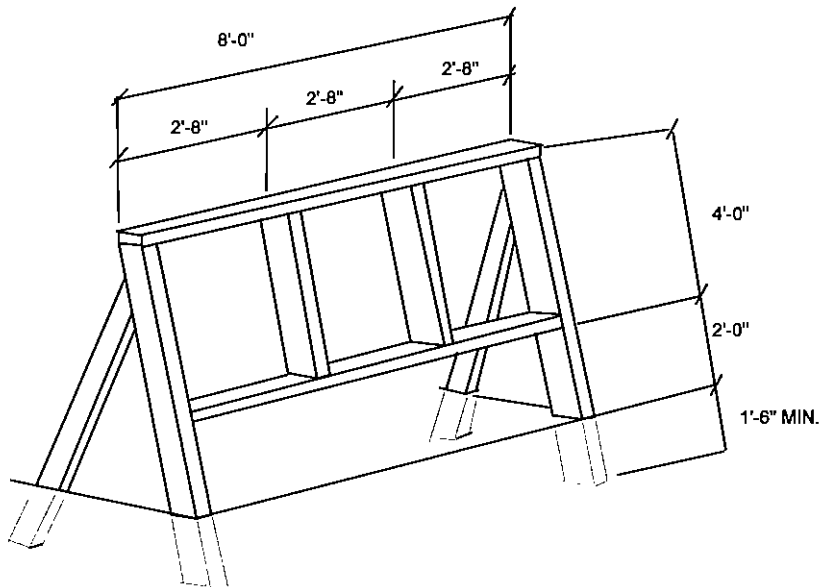
SECTION H

**SIGN FRAME DETAIL
SIGN DETAIL**

SIGN SPECIFICATIONS



PROJECT SIGN DETAIL



SIGN FRAME DETAIL

SPECIFICATIONS

SIGN PANEL:
1/2" LAMINATED DUOLOX
MASONITE OR 1/2"
MARINE PLYWOOD

FRAME:
2" X 4" STOCK

PAINT:
FRAME TO BE PAINTED
"WHITE", PAINT
BACKGROUND OF SIGN
"WHITE", PAINT
SIGN TEXT "BLACK", EXCEPT
WORD "ADDISON" IN "BLUE"
ALL PAINT TO BE
"EXTERIOR TYPE"

The Town of *Addison!*

**PLEASE PARDON THE TEMPORARY
INCONVENIENCE DURING THIS PROJECT**

**CHATHAM COURT
PHASE I WATER SERVICE REPLACEMENT**

**CONTRACTOR:
ESTIMATED COMPLETION DATE:**

FOR MORE INFORMATION, PLEASE CALL 972.450.2860

(Sign shall be 8' x 4', 3/4-inch Plywood with white background and blue letters or as directed by the Town of Addison.
Paint to be exterior grade)

SECTION I

**PLAN SHEETS (5 SHEETS)
&
PHOTOGRAPHS**

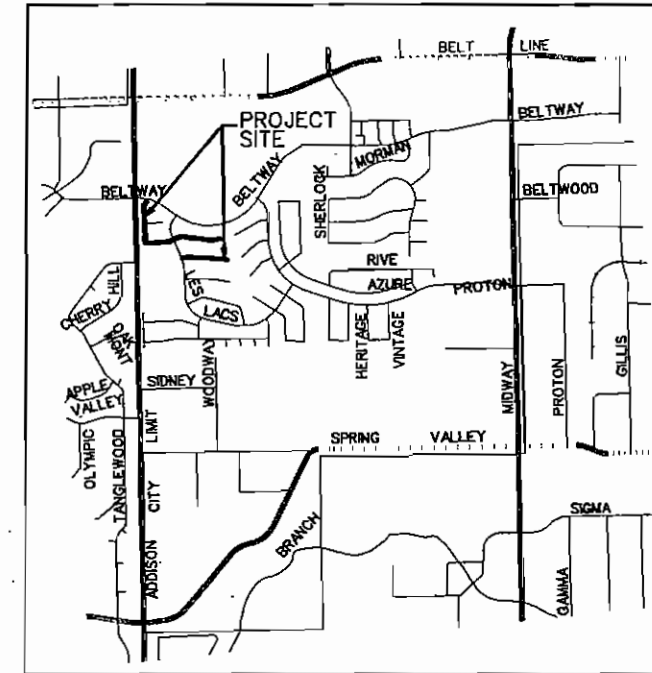
3/4" - 2" WATER SERVICE

APPROVED MATERIALS and PROCEDURES

1. Use existing saddle.
2. Mueller Servi-Seal style 502, 504, 506, 508; 7" min. length; Ford Style FS303-CC, or equal (Submittal to Public Works Dept. for approval).
3. Reuse existing corporation stop. Contractor shall replace nut and gasket.
4. Pipe and meter size shall be determined by owner with approval of Building Inspection or Public Works/Engineering Departments: Piping shall be continuous type "K" copper from corporation to curb stop and completely embedded in sand 6" around the pipe.
5. Meter boxes shall be of sufficient size to accommodate the curb stop, meter, and all connections. They shall be corrugated can 18" diameter x 18" height with 12 5/8" locking cover.
6. The tapping saddle and corporation stop must be poly-wrapped (8 mil) and hand backfilled with sand to a depth of 12". Additional backfill may be done by machine, with material free of rocks and clods exceeding three (3) inches in diameter. CAUTION!! Inspection must be called for and completed prior to backfill, or tap must be reexposed by the contractor so that the Town's representative may complete the inspection.

WATER SERVICE

Sizes 3/4" - 2"



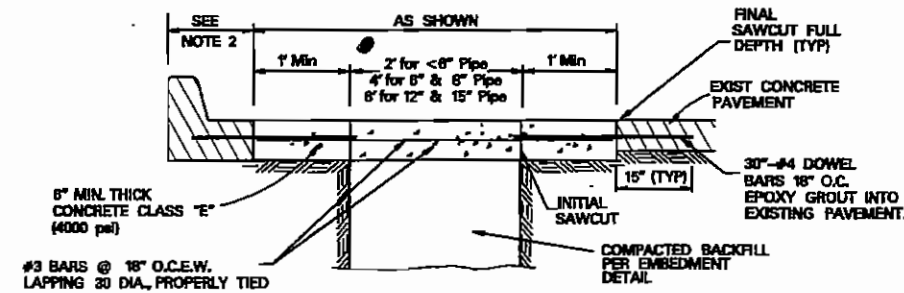
LOCATION MAP
N.T.S.

Contractors and/or plumbers are responsible for compliance with the following specifications:

- A. The Owner/Developer, or their contractor, shall supply water meters that conform to Town specifications as to make and type (See General Requirements for Water Service). All meters shall be equipped with electronic encoder registers for connection to touch-pad readers. Touch-pads shall be mounted at the direction of the Utilities Superintendent.
- B. Meters shall be set within the Utility easement and out of vehicular traffic flow and/or parking spaces. Curb stops are to be set 6" to 12" below finished grade.
- C. To prevent the inflow of mud or silt into the box, 4" to 6" of washed pea gravel shall be placed under the meter inside the box, allowing for 2" to 6" of open space below the meter. Meter box shall be minimum 18" deep. (See Figure SM-1).
- D. Meter boxes and openings shall be large enough to allow access to, and operation of all meter nuts/flanges/bolts, and the curb stop without obstruction.
- E. Boxes unavoidably vulnerable to vehicular traffic shall have load-bearing frames and lids designed to withstand the anticipated load. Submittal and City engineer approval is required.
- F. All companion flanges shall be elliptical brass, and all bolts & nuts shall be grade 316 stainless steel, 7/8" x 2 1/2" hex head.
- G. Meters shall be set level in all directions.

NOTES:

1. ALL EXISTING PAVEMENT SHALL BE SAW CUT BACK AS TO PRODUCE A VERTICAL EDGE FOR THE FULL DEPTH OF PAVING. THE INSTALLATION OF THE CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH THE "NORTH CENTRAL TEXAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION".
2. WHEN THIS DIMENSION IS LESS THAN 1'-0", REMOVE AND REPLACE THE EXISTING INTEGRAL CURB. WHEN THE EXISTING CURB IS LEFT IN PLACE, INSTALL #3 DEFORMED BARS @ 18" O.C. AND EPOXY GROUT INTO EXISTING CURB AND GUTTER SECTION.



TYPICAL CONCRETE PAVEMENT
REPLACEMENT DETAIL
N.T.S.

INTERIM REVIEW

Document incomplete, not intended for construction, bidding, or permit purposes.

ENGINEER: Clayton S. Deane, Jr., P.E.

P.E. SERIAL NO.: 65109

DATE: _____

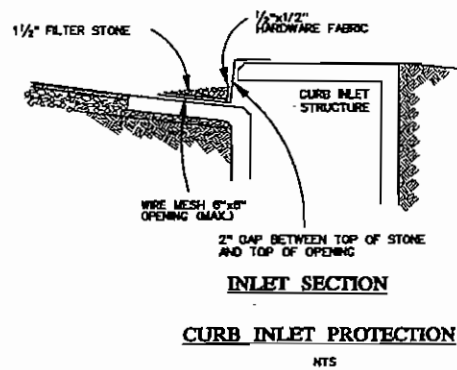
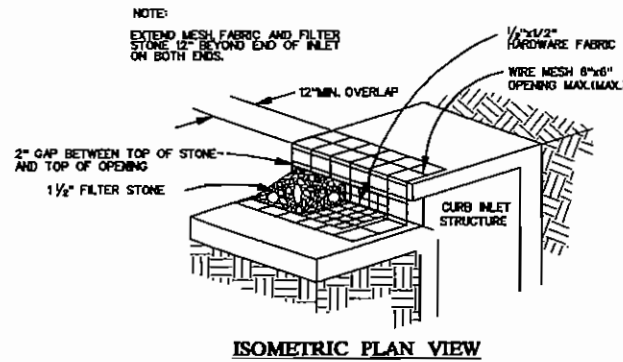
REVISION NO.	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
CHATHAM COURT-PHASE I WATER SERVICE LINE REPLACEMENTS			
GENERAL NOTES			
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DRAWN: QGS			SHEET
APPROVED: QGS			1
DATE: APRIL 2005			

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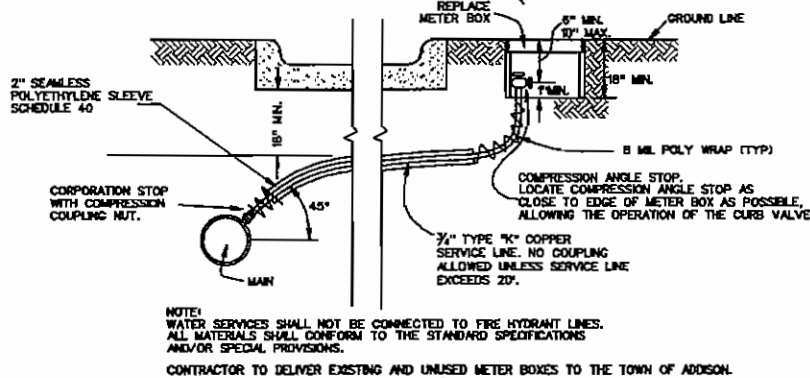
ADDISON GENERAL CONSTRUCTION NOTES

- UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL OF THE UTILITY OWNERS TO ARRANGE FOR EXACT LOCATIONS AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

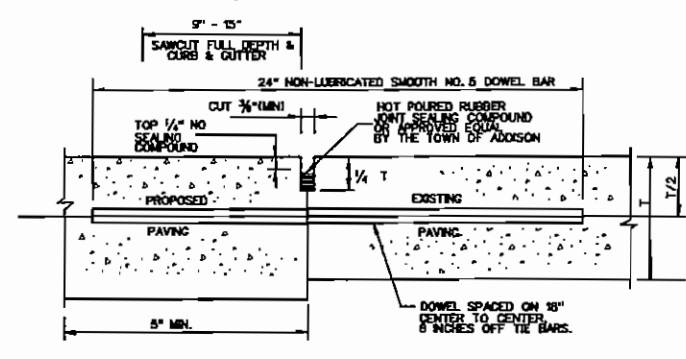
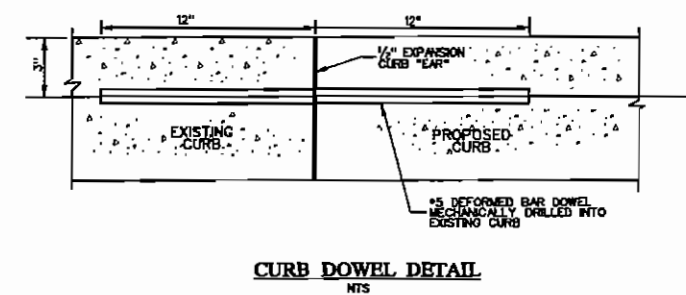
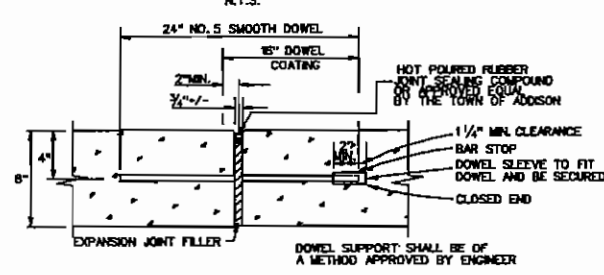
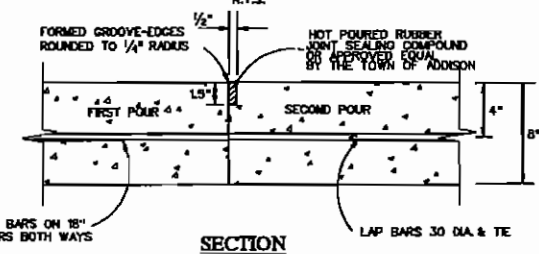
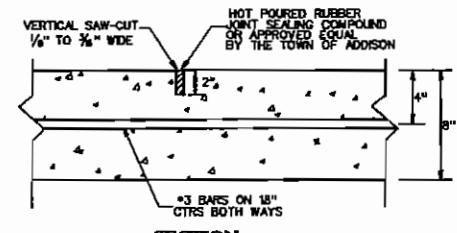
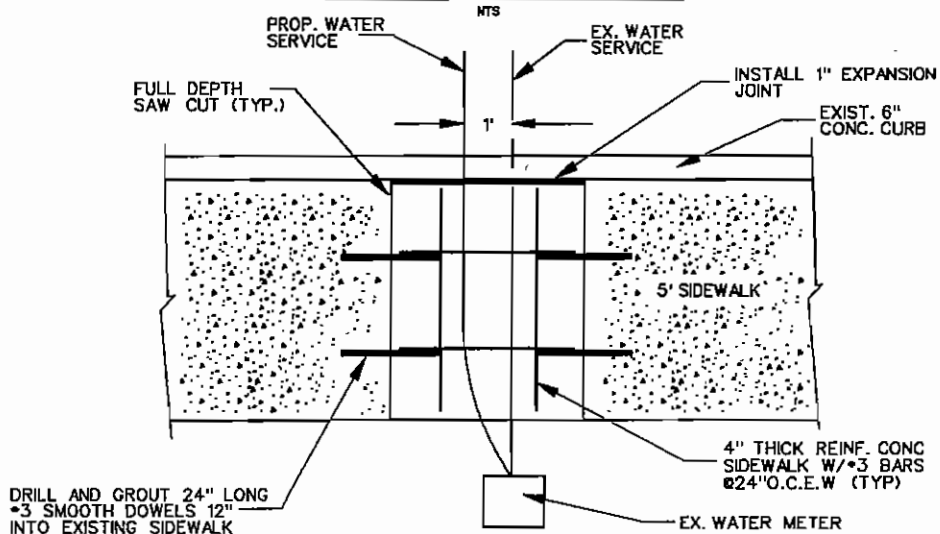
UTILITY TXU ELECTRIC & GAS CITE TELEPHONE TELE-CABLE DIG-TESS SOUTHWESTERN BELL TELEPHONE AT&T CHARTER CABLE	TELEPHONE = 1-800-344-8377 1-800-344-8377 (214) 578-7573 (214) 578-7573 1-800-395-0440 1-800-245-4545 1-817-509-6272 1-817-509-2225 (DISPATCH)
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- THE CONTRACTOR SHALL MAINTAIN EXISTING SERVICES AND EXISTING WATER MAINS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN FIRE EMERGENCY VEHICLE ACCESS TO FIRE HYDRANTS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE DRIVEWAY OPENING FOR INGRESS/EGRESS OF VEHICULAR TRAFFIC TO/FROM PRIVATE PROPERTY THROUGHOUT CONSTRUCTION.
- IRRIGATION AND SPRINKLER SYSTEM NOTES:
 - THE CONTRACTOR SHALL HIRE A LICENSED IRRIGATOR AS A SUBCONTRACTOR TO OVERSEE ALL ACTIVITIES THAT IMPACT EXISTING OR PROPOSED IRRIGATION SYSTEMS.
 - PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES EXISTING IRRIGATION SYSTEMS SHALL BE TURNED ON. THE LOCATION OF THE HEADS, VALVES, AND PIPE SHALL BE MARKED WHERE DEMOLITION OR CONSTRUCTION WILL IMPACT THE SYSTEM. DEFICIENCIES IN THE SYSTEM SHALL BE NOTED AND REPORTED TO THE SYSTEM OWNER. A PHOTOGRAPHIC OR VIDEO RECORD SHALL BE MADE IF APPROPRIATE.
 - PIPING SHALL BE CUT, CAPPED AND MARKED AT THE LIMITS OF CONSTRUCTION.
 - AT THE COMPLETION OF CONSTRUCTION, THE LICENSED IRRIGATOR SHALL RESTORE AND TEST THE IRRIGATION SYSTEM FOR PROPER FUNCTION. THE TEST SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OF ADDISON'S PUBLIC WORKS INSPECTOR AND THE SYSTEM OWNER.
 - ALL COST ASSOCIATED WITH SPRINKLER SYSTEM REPAIR IS SUBSIDIARY TO THE PROJECT.
- CONTRACTOR SHALL CONFORM WITH THE "NORTH CENTRAL TEXAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (NCTSSPWC) INCLUDING ALL AMENDMENTS, THE TOWN OF ADDISON SPECIAL PROVISIONS TO NCTSSPWC, AND ANY TOWN OF ADDISON STANDARD CONSTRUCTION DETAILS.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN OF ADDISON ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO BEGINNING WORK. ONE LANE OF TRAFFIC MUST BE MAINTAINED DURING CONSTRUCTION.
- ALL STREET, ALLEY, AND DRIVEWAY PAVEMENT SHALL BE 8-INCH, 4000 PSI CONCRETE WITH #3 BARS ON 18-INCH CENTERS BOTH WAYS.
- ALL PORTIONS OF EXISTING DRIVEWAY THAT ARE TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR.
- ALL WATER SERVICE LINES SHALL BE BORED UNDERNEATH THE EXISTING PAVEMENT.
- THE CONTRACTOR SHALL CONNECT ALL NEW SERVICE LINES TO THE EXISTING WATER METERS AND EXISTING CORPORATION STOP ON THE EXISTING WATER LINE.
- ALL CONCRETE PAVEMENT WITHIN THE PROJECT LIMITS SHALL BE SAWCUT. ALL SAWCUTS SHALL BE FULL DEPTH.
- NO TREES SHALL BE CUT DOWN OR TRIMMED WITHOUT PRIOR WRITTEN APPROVAL FROM THE TOWN OF ADDISON. ANY WORK DONE TO THE TREE OR WITHIN THE TREE DRILLING SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OF ADDISON REPRESENTATIVE.
- THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITY POLES, LIGHT POLES, SIGNALS, AND GUY WIRES. (NO SEPARATE PAY ITEM)
- THE CONTRACTOR SHALL FURNISH, INSTALL & MAINTAIN ALL EROSION CONTROL DEVICES AT ALL INLETS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING MAILBOXES. TEMPORARY MAILBOXES SHALL BE INSTALLED BY THE CONTRACTOR AT ALL LOCATIONS WHERE EXISTING MAILBOXES WILL BE TEMPORARILY REMOVED DURING CONSTRUCTION. MAILBOXES AND MAIL SERVICE SHALL BE MAINTAINED THROUGHOUT THE PROJECT. (NO SEPARATE PAY ITEM)
- ALL BARRICADES AND SIGNS SHALL BE PLACED WITH THE TOWN OF ADDISON'S APPROVAL PRIOR TO PLACEMENT.
- TESTING IS TO BE ACCOMPLISHED BY A TOWN OF ADDISON APPROVED LAB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DISINFECTION AND TESTING.
- STAGING AND STORAGE FOR THIS PROJECT SHALL BE APPROVED BY THE TOWN OF ADDISON PRIOR TO ANY CONSTRUCTION ACTIVITY. AT NO TIME WILL PUBLIC RIGHT-OF-WAY BE USED FOR STAGING OR STORAGE.
- ALL NEW DUMMY AND EXPANSION JOINTS SHALL MATCH EXISTING JOINT LOCATIONS
- CONTRACTOR SHALL VIDEO TAPE THE SITE IN ITS ENTIRETY PRIOR TO ANY CONSTRUCTION AND PROVIDE A COPY OF THIS TAPE TO THE TOWN PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL SUPPLY ASBUILT DRAWINGS TO THE TOWN OF ADDISON.
- ALL AREAS WHERE CONCRETE SIDEWALK HAS BEEN DAMAGED BY CONTRACTOR'S ACTIVITIES OR REMOVED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY WITH A TEMPORARY ASPHALT SURFACE OR A PERMANENT CONCRETE SURFACE. THE TEMPORARY ASPHALT SIDEWALK SURFACE SHALL MEET ALL ADA REQUIREMENTS UNTIL THE PERMANENT CONCRETE SIDEWALK IS CONSTRUCTED TO ADA REQUIREMENTS.
- AS PART OF BID ITEM NO. 1 THE CONTRACTOR SHALL PROVIDE A NEW METER BOX AND LID (BASS & HAYS NO. 34 BIS (62 BIS FOR TRAFFIC AREAS) OR EQUAL IN ACCORDANCE WITH THE TOWN OF ADDISON STANDARDS. IF THE TOWN OF ADDISON REPRESENTATIVE ELECTS NOT TO REPLACE THE EXISTING METER BOX, THE CONTRACTOR SHALL DELIVER THE NEW, UNUSED, METER BOX TO THE TOWN OF ADDISON SERVICE CENTER.
- THE EXISTING METER BOXES SHALL BE REMOVED AND DELIVERED TO THE TOWN OF ADDISON SERVICE CENTER BY THE CONTRACTOR.
- THE LOCATION OF THE WATER SERVICE LINE IS APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE WATER SERVICE LINE AT THE LOCATION WHERE IT CONNECTS TO THE EXISTING WATER MAIN. ALL QUANTITIES ASSOCIATED WITH THE REPLACEMENT OF THE WATER SERVICE SHALL BE PAID FOR UNDER THE UNIT PRICE OF BID ITEM 1. THERE SHALL BE NO EXTRA PAY FOR RELOCATING THE WATER SERVICE LINE IN THE EVENT THE CONTRACTOR DOES NOT UNCOVER IT ON THE FIRST ATTEMPT.



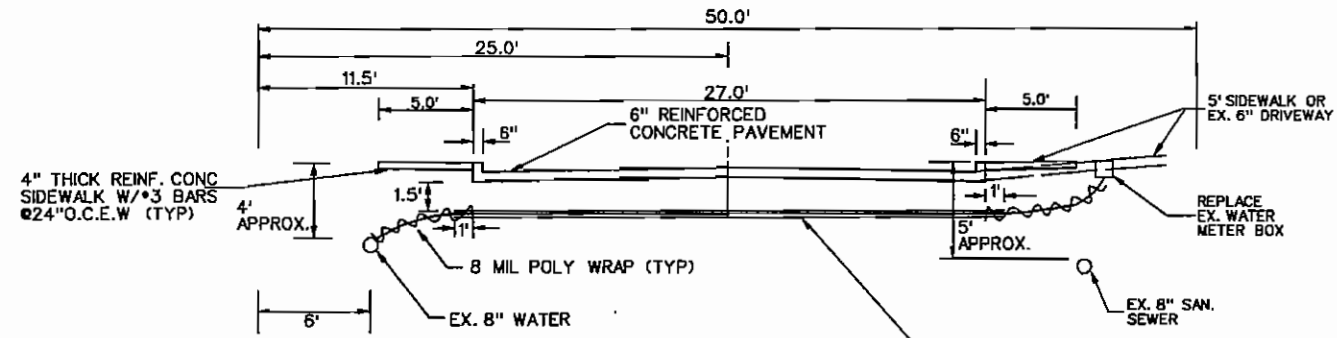
BASS & HAYS NO 34 BIS (62 BIS FOR TRAFFIC AREAS) OR EQUAL



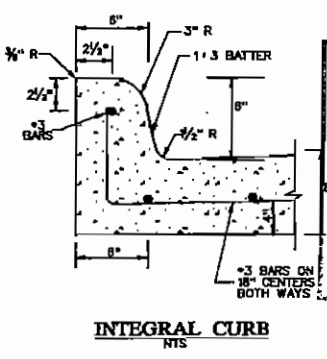
SIDEWALK REPLACEMENT DETAIL



- NOTES:
- NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 6 INCH AND 8 INCH PAVEMENT THICKNESS.
 - DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG. DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.



- SEQUENCE OF CONSTRUCTION
- LOCATE ALL EXISTING UNDERGROUND UTILITIES
 - UNCOVER EXISTING SERVICE TAP AT MAIN TO BACK OF CURB.
 - BORE 2" POLYETHYLENE NEXT TO EXISTING SERVICE.
 - INSTALL NEW 3/4" COPPER SERVICE LINE THROUGH THE SLEEVE.
 - DISCONNECT EXISTING WATER SERVICE AND CONNECT NEW WATER SERVICE AND WATER METER BOX.
 - COMPACT BORE PIT TO 95% PROCTOR AND REPAIR WORK AREA TO ORIGINAL CONDITIONS.

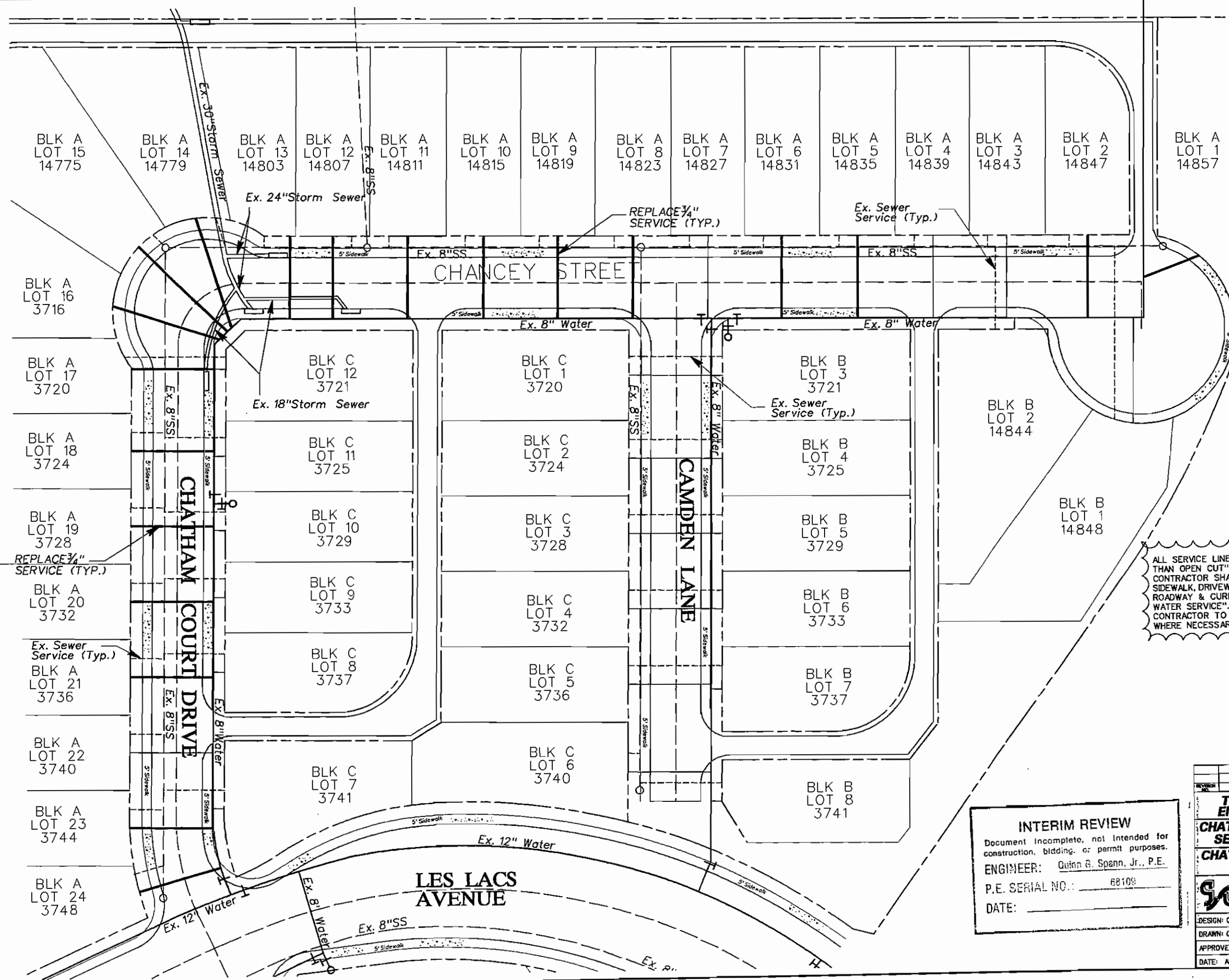


INTERIM REVIEW
Document incomplete, not intended for construction, bidding, or permit purposes.
ENGINEER: Quinn G. Spann, Jr., P.E.
P.E. SERIAL NO.: 68109
DATE:

REVISION NO.	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT CHATHAM COURT-PHASE I WATER SERVICE LINE REPLACEMENTS GENERAL NOTES			
GSDW, INC. 2077 SHADY TRAIL, 2020 FOSSEL CREEK BLVD. DALLAS, TEXAS 75228 FORT WORTH, TX 76107 (972) 820-2255 (817) 326-1444 CIVIL / ENVIRONMENTAL ENGINEERS			
DESIGN: QGS	SCALE: NOTED		
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APPROVED: QGS	2		
DATE: APRIL 2005			

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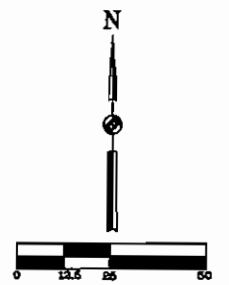
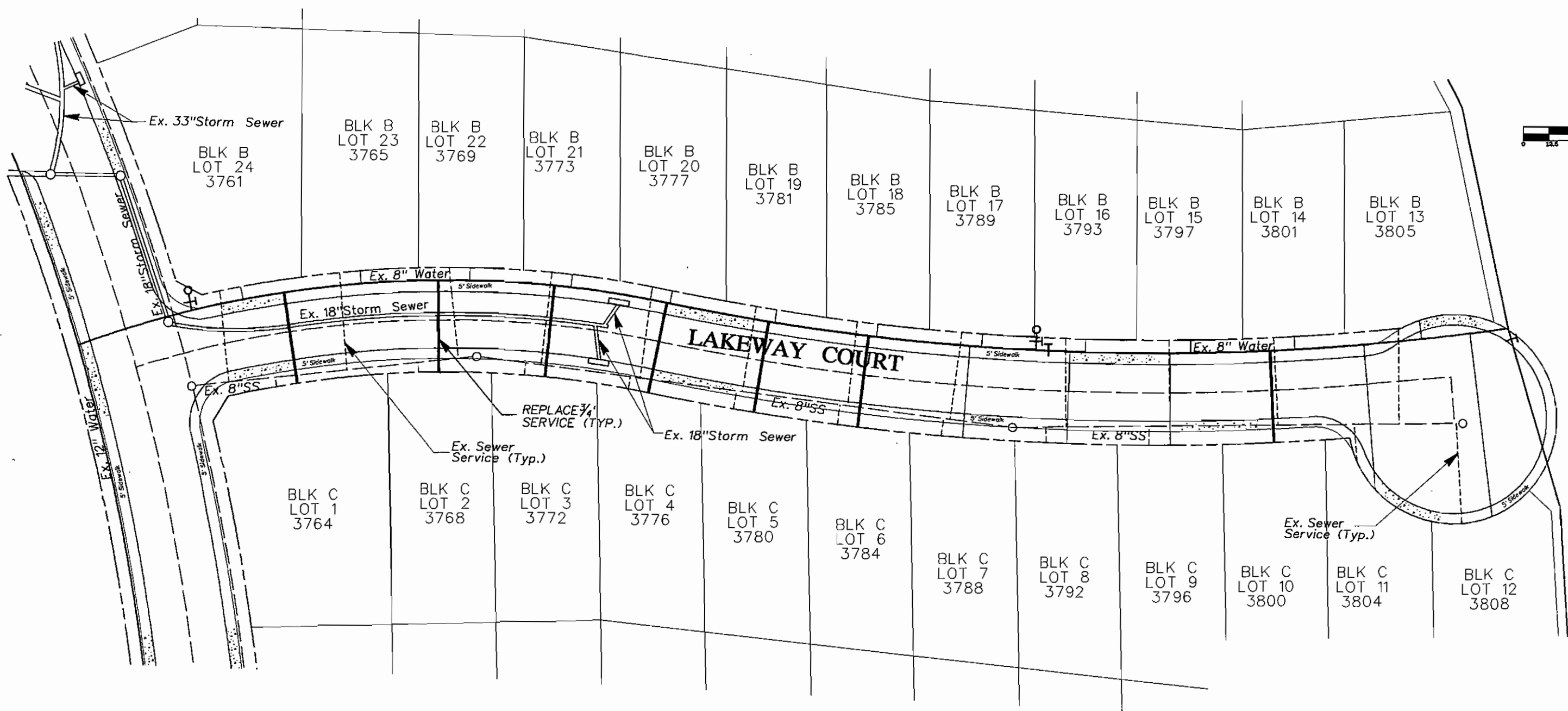
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 C:\RF-E\Projects\MicroStation\Addison\waterford park\water\chancey.dgn - ON-1-14-33-17
 USER:bdouaz



ALL SERVICE LINES SHALL BE REPLACED "BY OTHER THAN OPEN CUT" UNDERNEATH THE EXISTING ROADWAY. CONTRACTOR SHALL REMOVE AND REPLACE ANY SIDEWALK, DRIVEWAY, ALLEY PAVEMENT AND LIMITED ROADWAY & CURB NECESSARY TO INSTALL THE "LONG WATER SERVICE". CONTRACTOR TO INSTALL TEMPORARY MAIL BOXES WHERE NECESSARY.


INTERIM REVIEW
 Document incomplete, not intended for construction, bidding, or permit purposes.
 ENGINEER: Quinn G. Spann, Jr., P.E.
 P.E. SERIAL NO.: 68109
 DATE: _____

REVISION NO.	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT			
CHATHAM COURT-PHASE I WATER SERVICE LINE REPLACEMENTS			
CHATHAM COURT DRIVE - WEST AND CHANCEY STREET			
		<small> GSWW, INC. 207 SHADY TRAIL, 300 FORBES CREEK BLVD. DALLAS, TEXAS 75228 FORT WORTH, TX 76137 (972) 430-2233 (817) 338-4444 CIVIL / ENVIRONMENTAL ENGINEERS </small>	
DESIGN: QGS		SCALE: H: 1" = 50'	
DRAWN: QGS		SHEET	
APPROVED: QGS		4	
DATE: APRIL 2005			



ALL SERVICE LINES SHALL BE REPLACED "BY OTHER THAN OPEN CUT" UNDERNEATH THE EXISTING ROADWAY. CONTRACTOR SHALL REMOVE AND REPLACE ANY SIDEWALK, DRIVEWAY, ALLEY PAVEMENT AND LIMITED ROADWAY & CURB NECESSARY TO INSTALL THE "LONG WATER SERVICE". CONTRACTOR TO INSTALL TEMPORARY MAIL BOXES WHERE NECESSARY.

INTERIM REVIEW
 Document incomplete, not intended for construction, bidding, or permit purposes.
 ENGINEER: Quinn G. Spann, Jr., P.E.
 P.E. SERIAL NO.: 68109
 DATE: _____

REVISION NO.	DESCRIPTION	BY	DATE
TOWN OF ADDISON, TEXAS ENGINEERING DEPARTMENT CHATHAM COURT-PHASE I WATER SERVICE LINE REPLACEMENTS			
LAKEWAY COURT			
		<small>GSDW, INC. 807 BRADY TRAIL, 3700 FORREST CREEK BLVD. DALLAS, TEXAS 75220 FORT WORTH, TX 76107 (972) 502-0205 (817) 332-8444 CIVIL / ENVIRONMENTAL ENGINEERS</small>	
DESIGN: QGS		SCALE: H: 1" = 50'	
DRAWN: QGS		SHEET	
APPROVED: QGS		5	
DATE: APRIL 2005			

Chatham Court



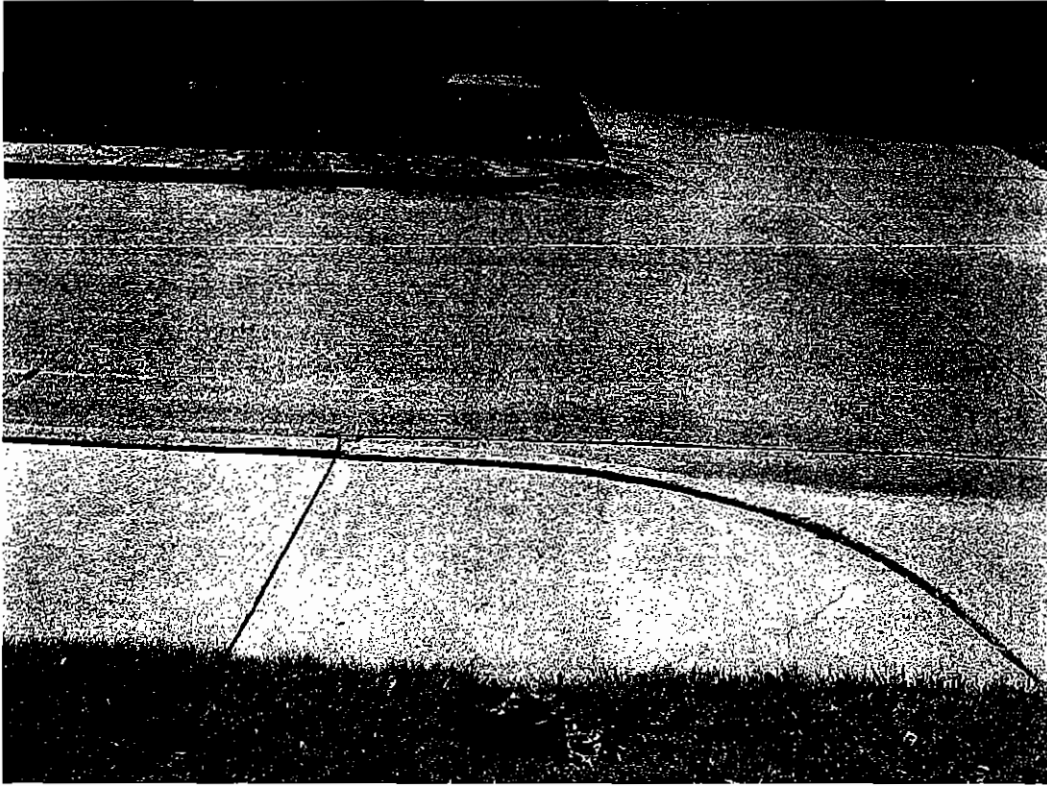
3796 Chatham Court Drive



3792 Chatham Court Drive

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Chatham Court



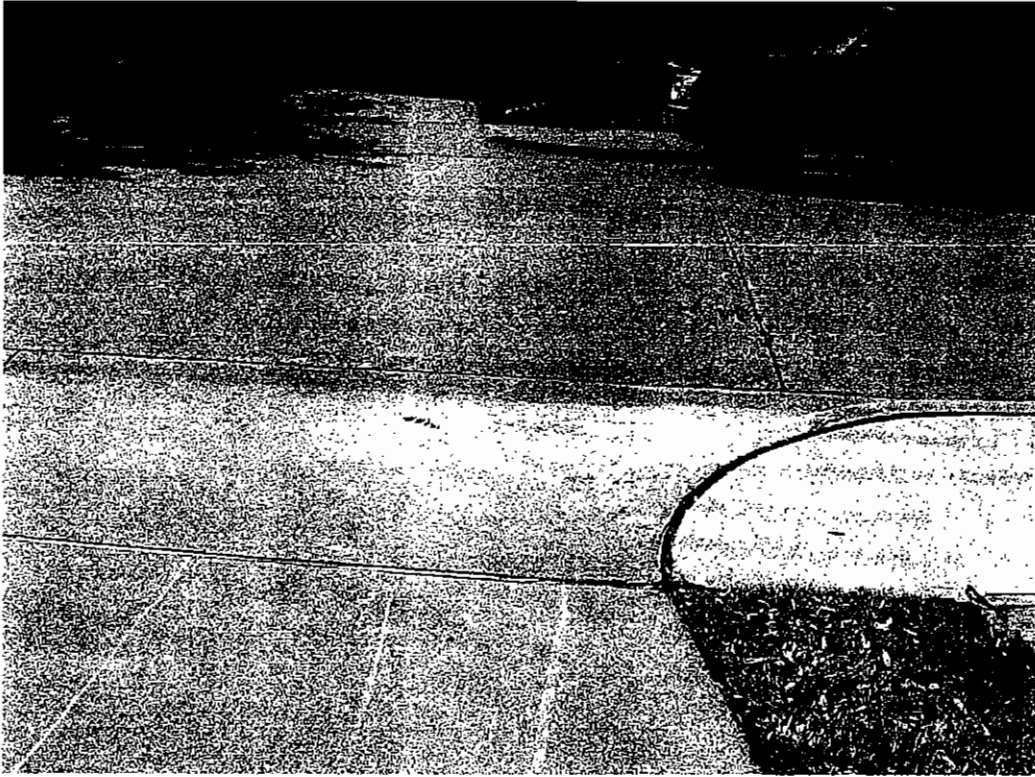
3788 Chatham Court Drive



3784 Chatham Court Drive

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Chatham Court



3780 Chatham Court Drive



3768 Chatham Court Drive

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Chatham Court



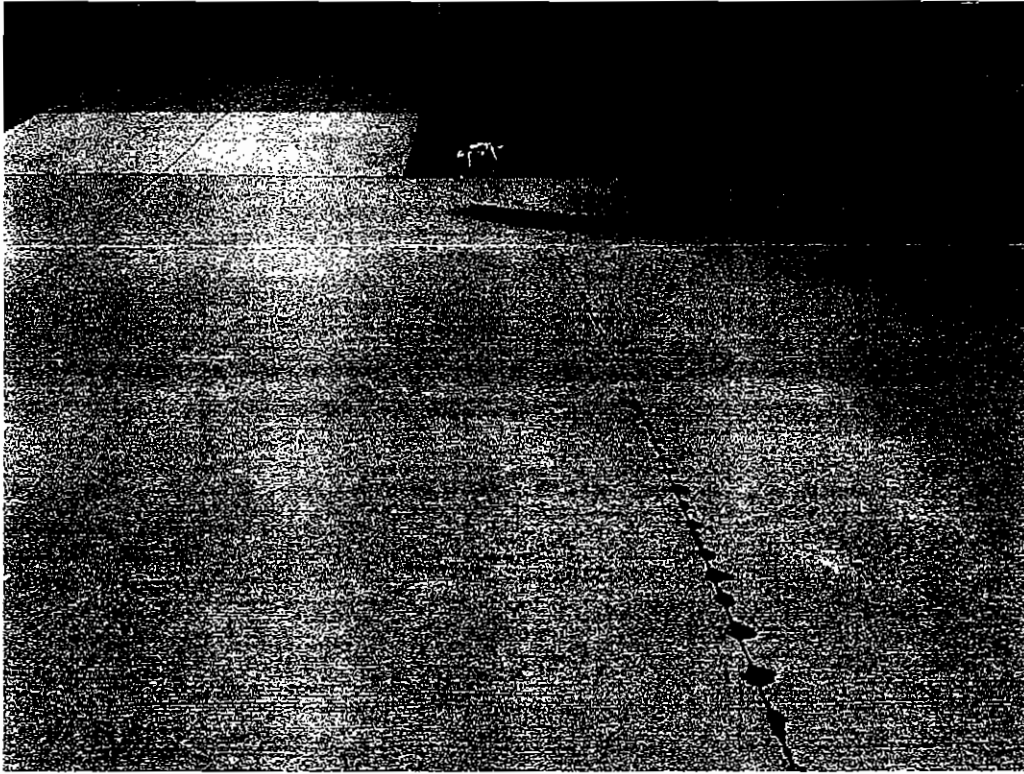
3760 Chatham Court Drive



3756 Chatham Court Drive (1)

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Chatham Court



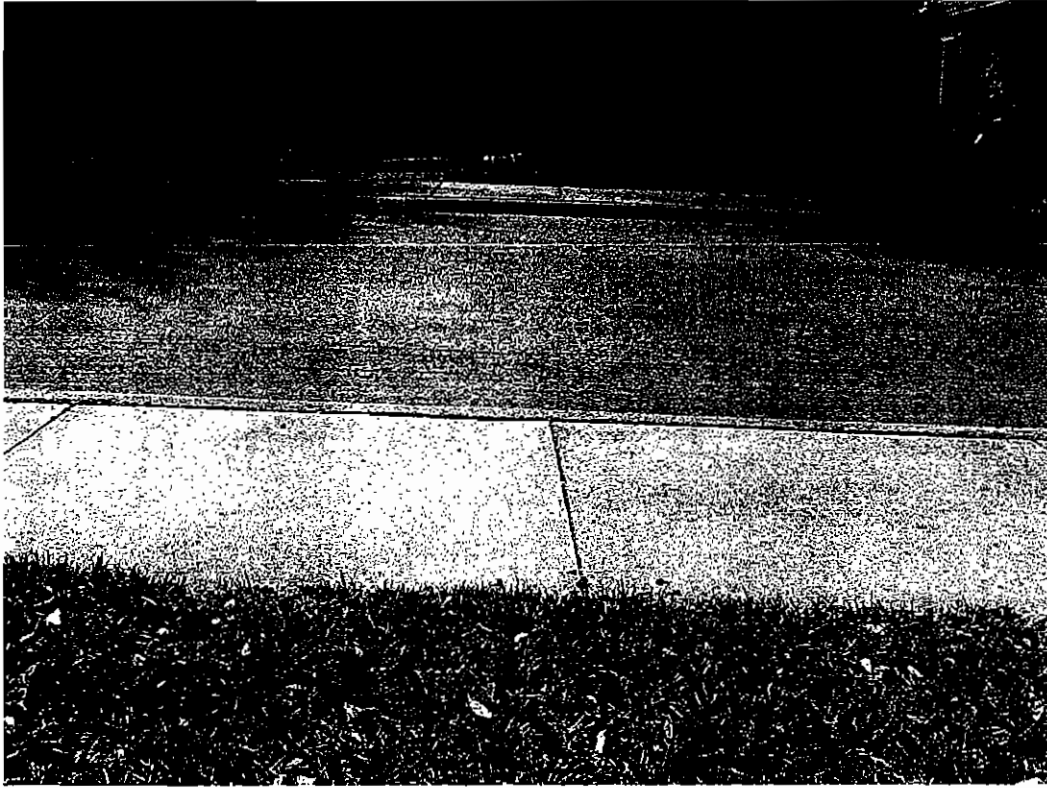
3756 Chatham Court Drive (2)



3748 Chatham Court Drive

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Chatham Court



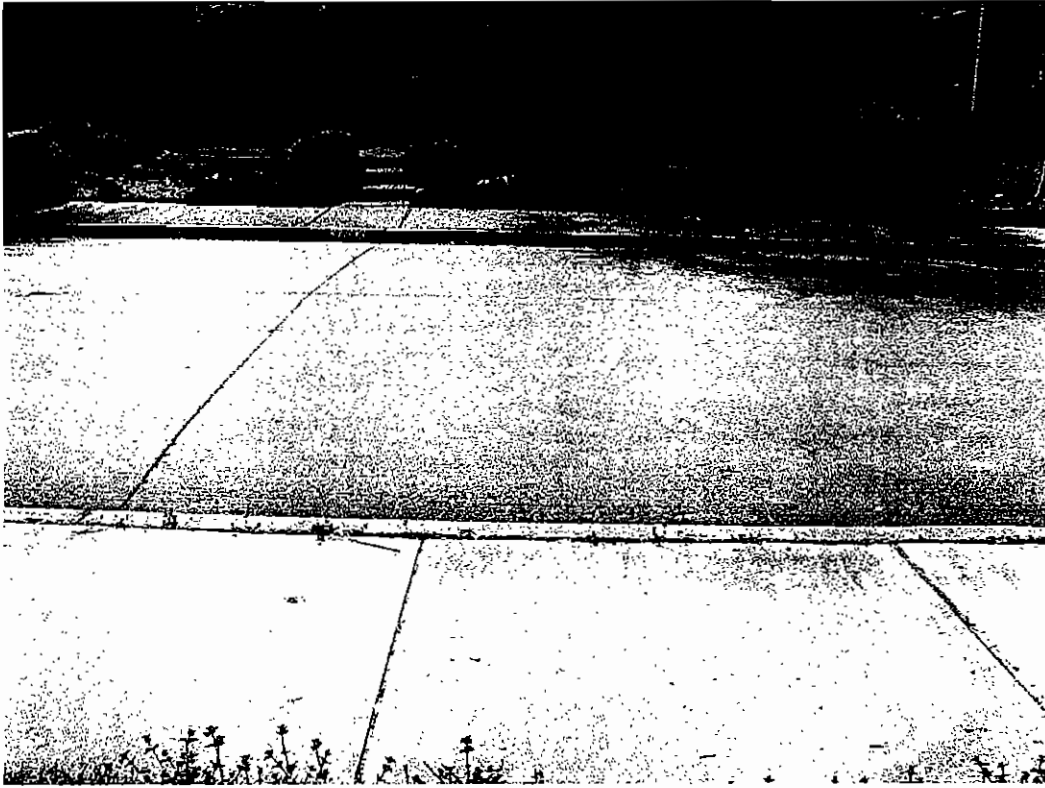
3744 Chatham Court Drive



3736 Chatham Court Drive

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Chatham Court



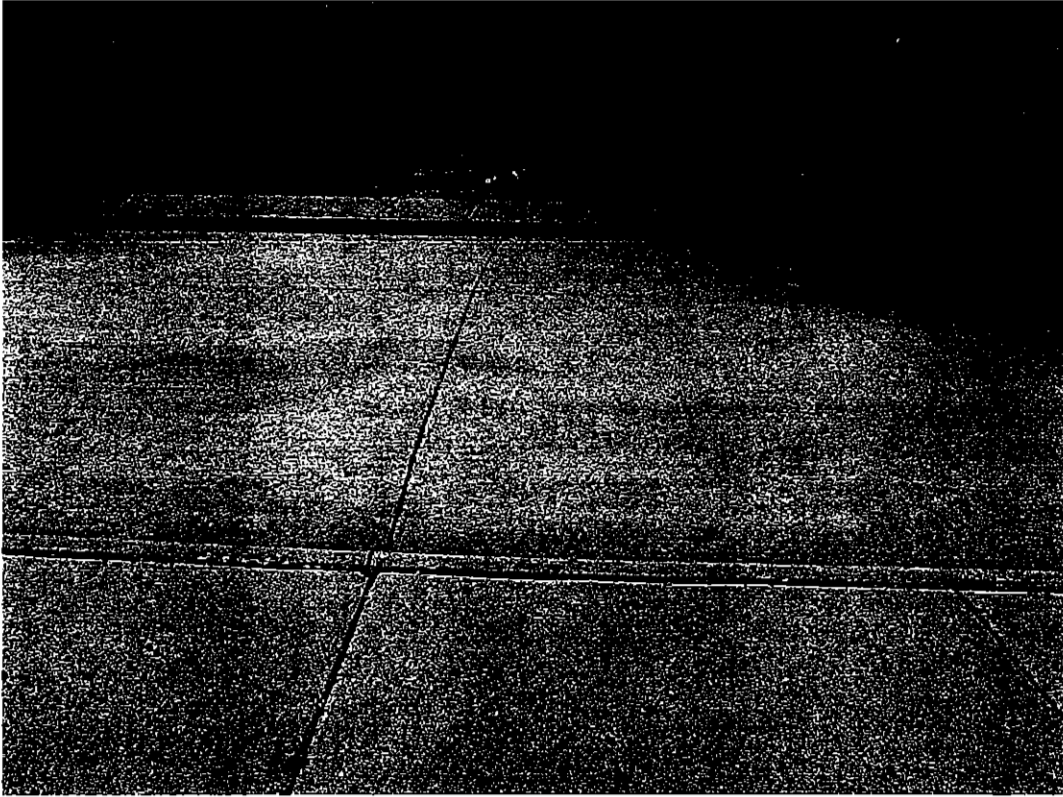
3732 Chatham Court Drive



3728 Chatham Court Drive

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Chatham Court



3724 Chatham Court Drive



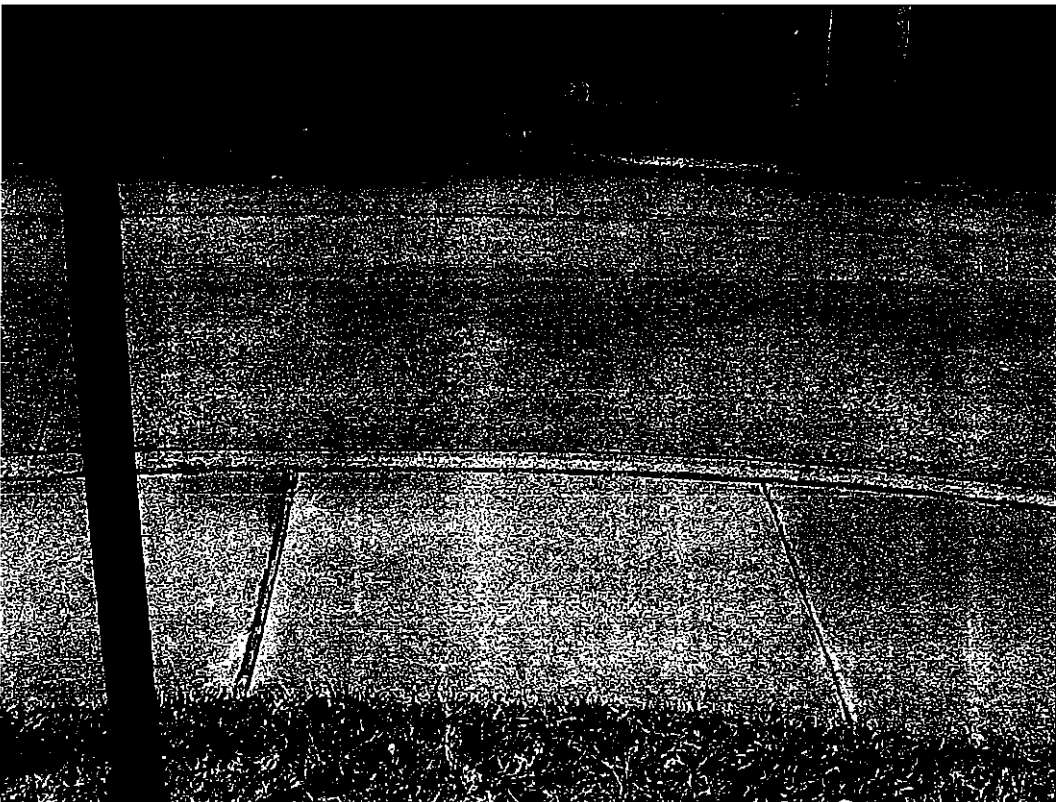
3720 Chatham Court Drive

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Chatham Court



3716 Chatham Court Drive



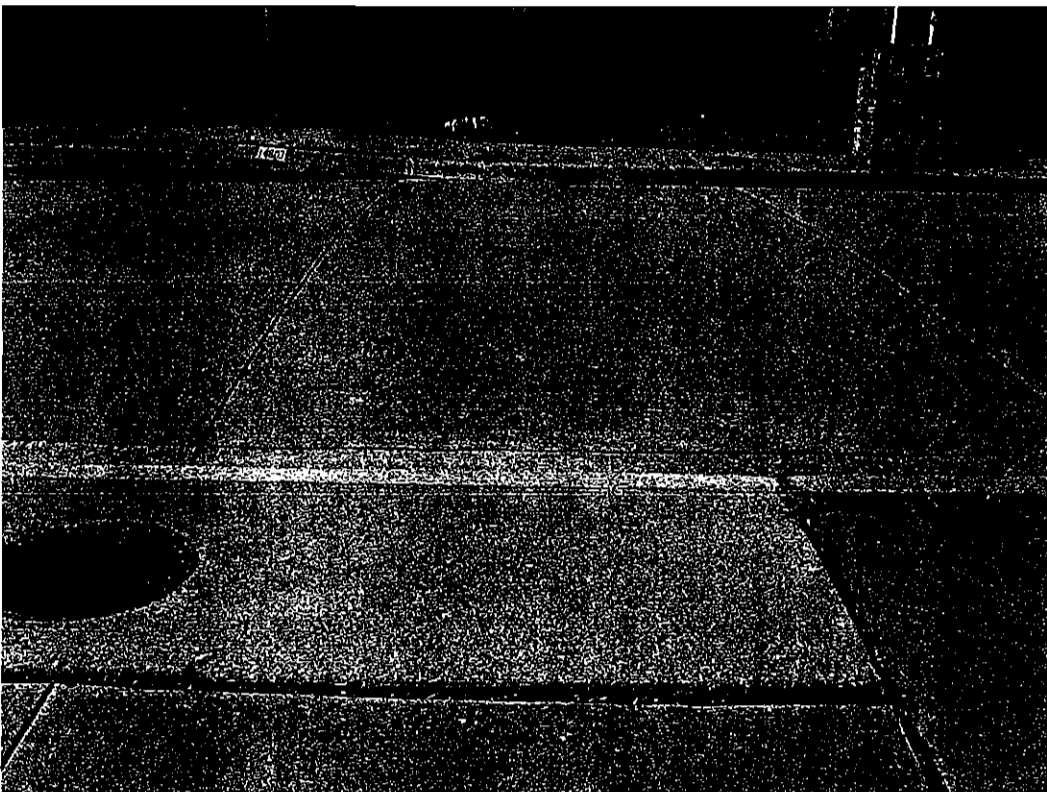
14775 Chancey Street

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Chatham Court



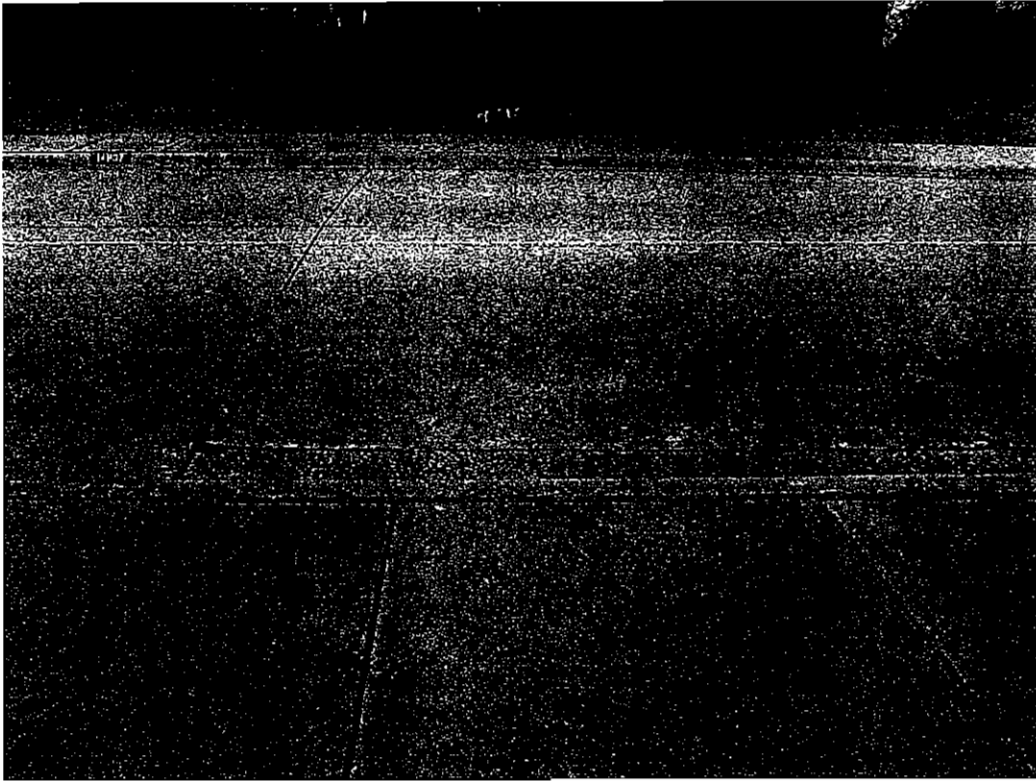
14779 Chancey Street



14803 Chancey Street

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Chatham Court



14807 Chancey Street



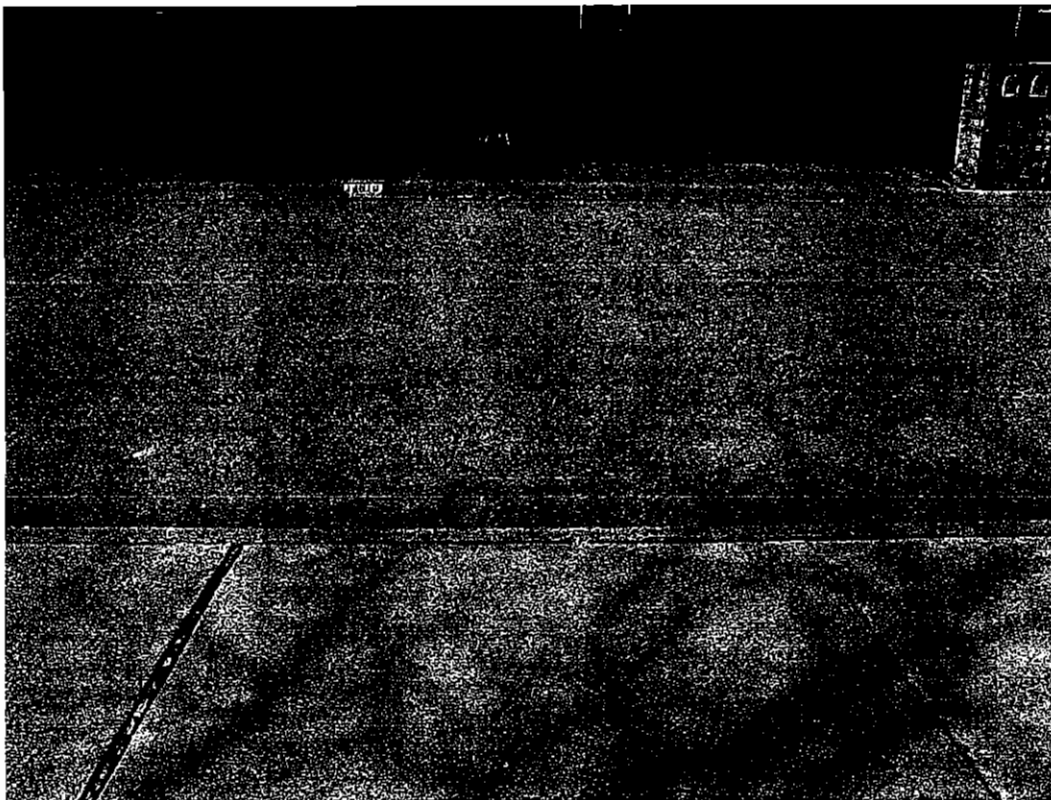
14811 Chancey Street

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Chatham Court



14815 Chancey Street



14819 Chancey Street

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Chatham Court



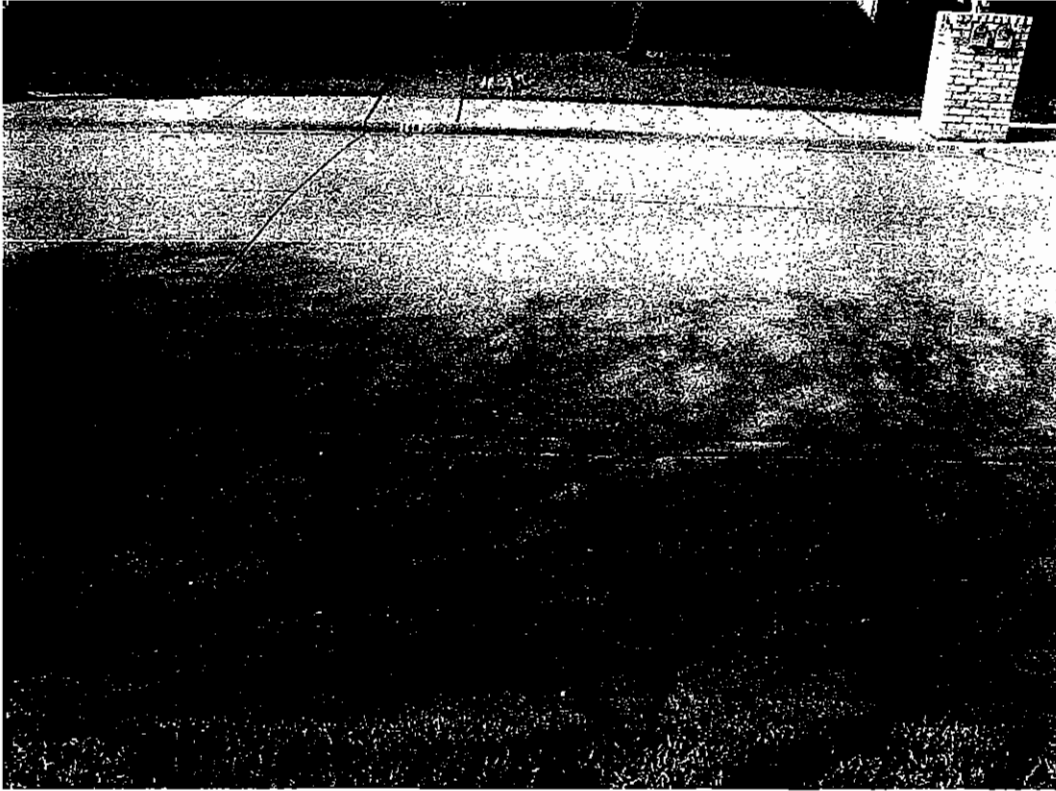
14823 Chancey Street



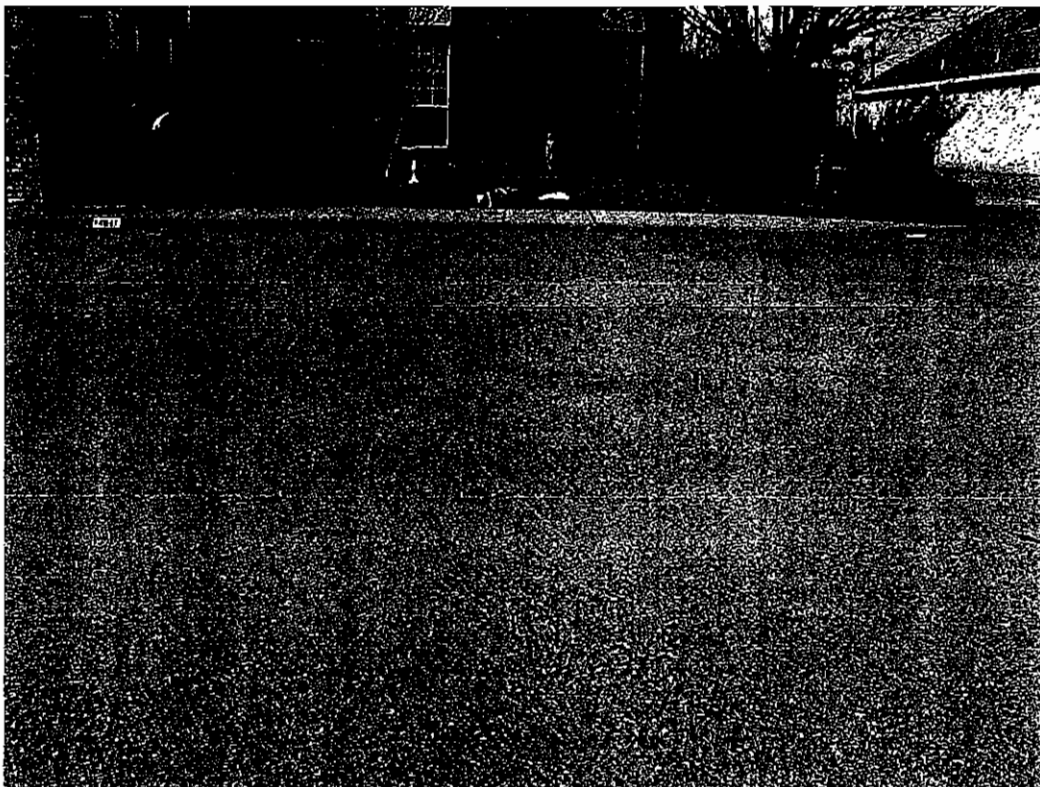
14831 Chancey Street

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Chatham Court



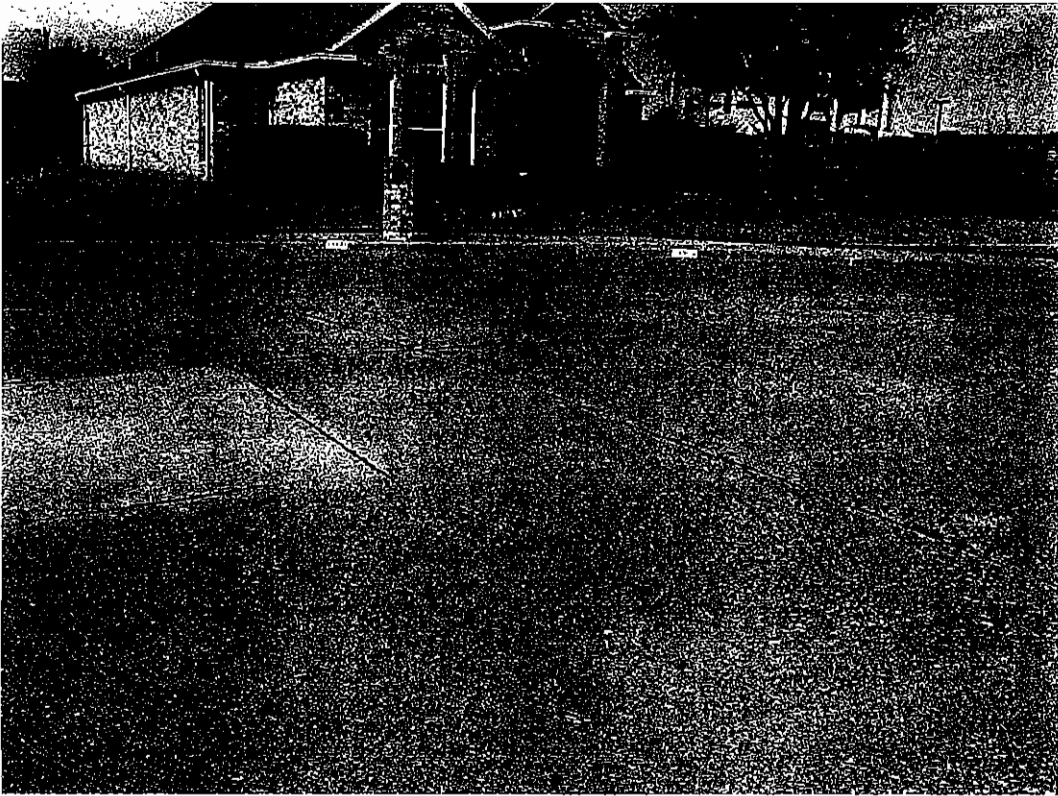
14835 Chancey Street



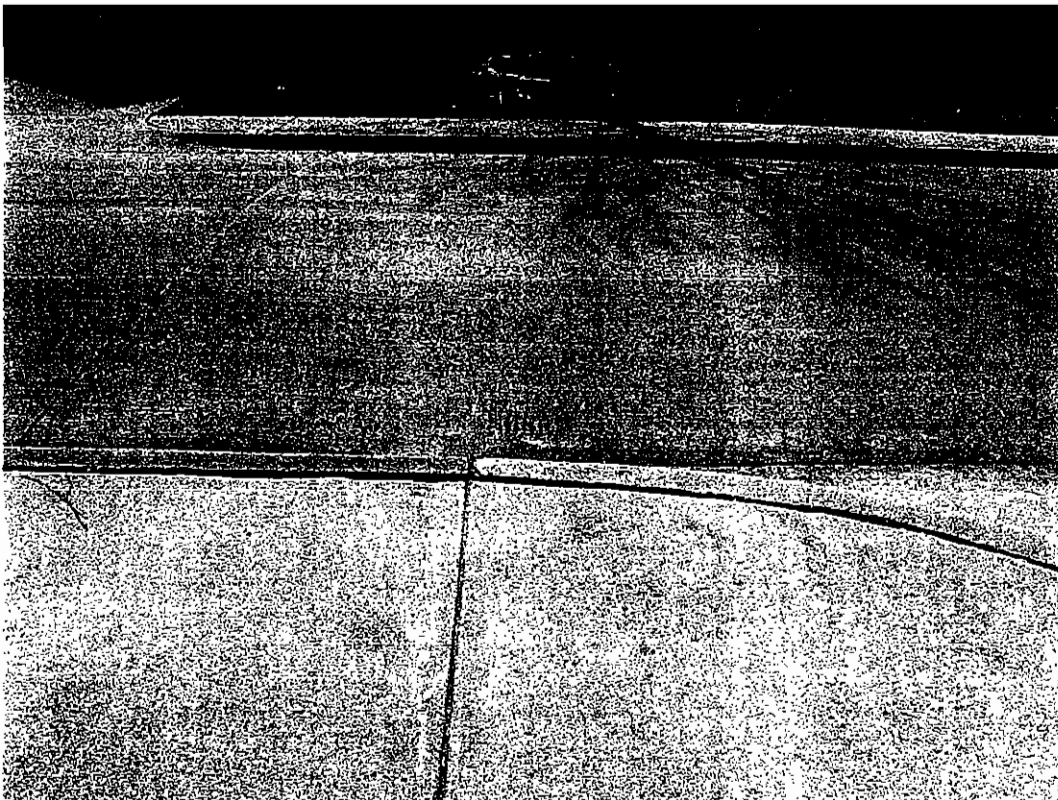
14847 Chancey Street

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Chatham Court



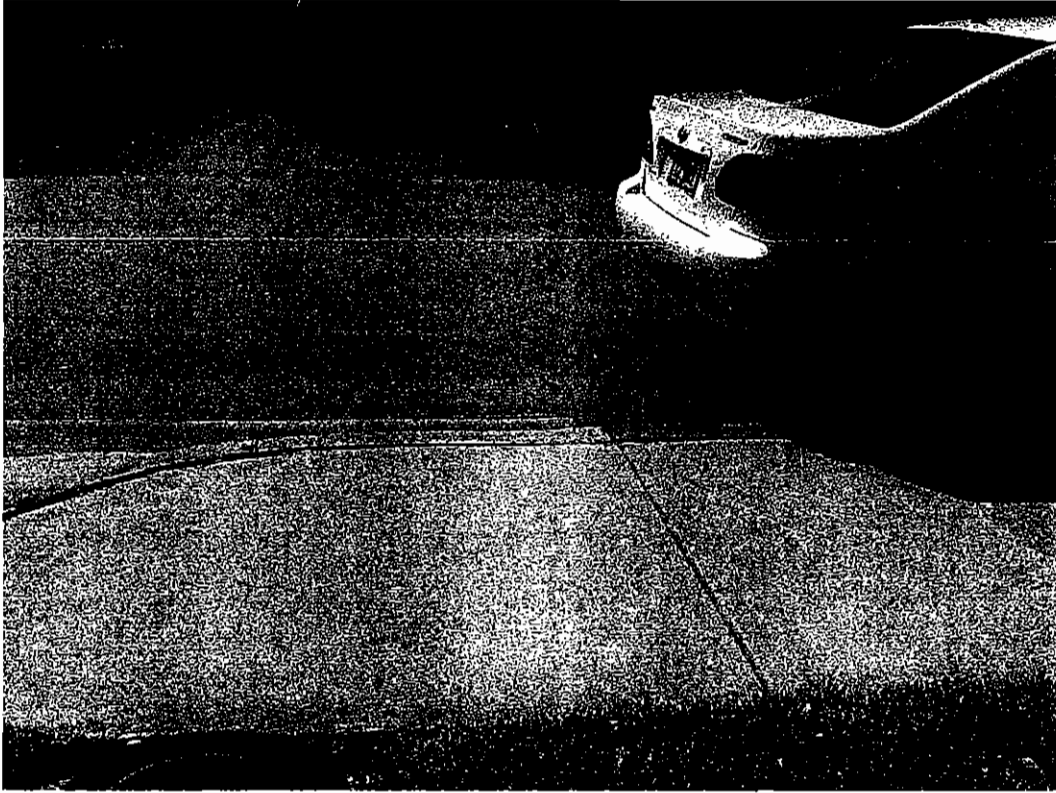
14857 Chancey Street



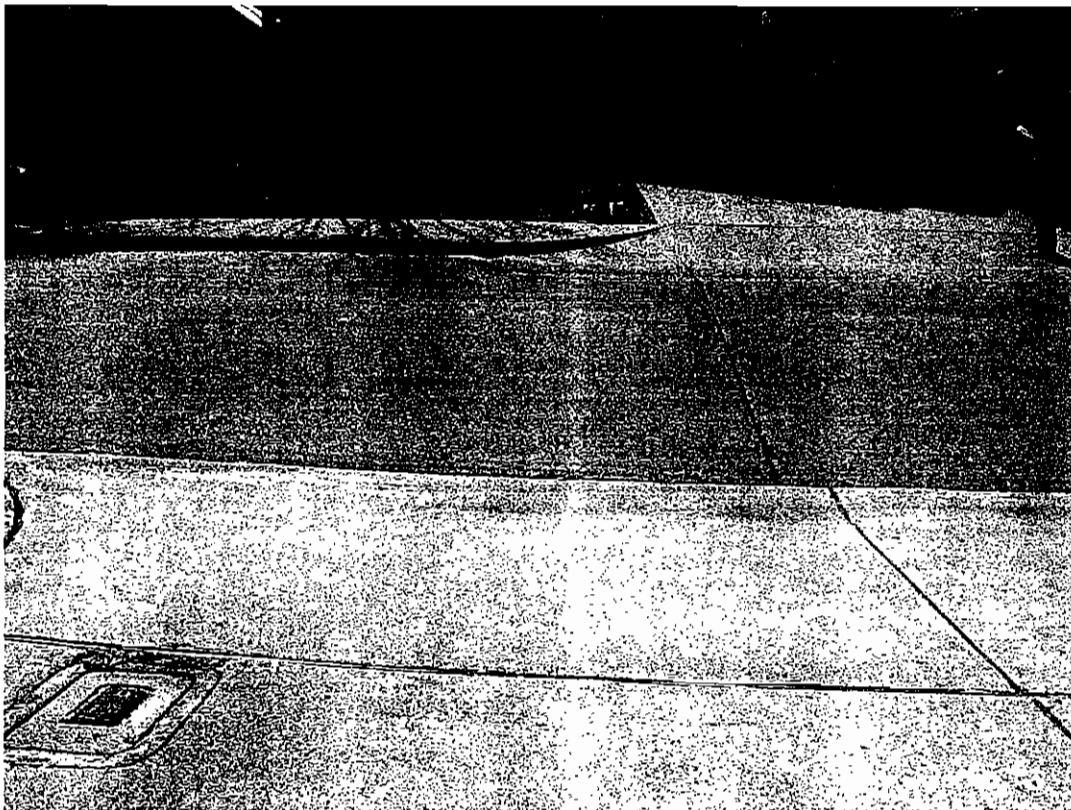
3764 Lakeway Court

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Chatham Court



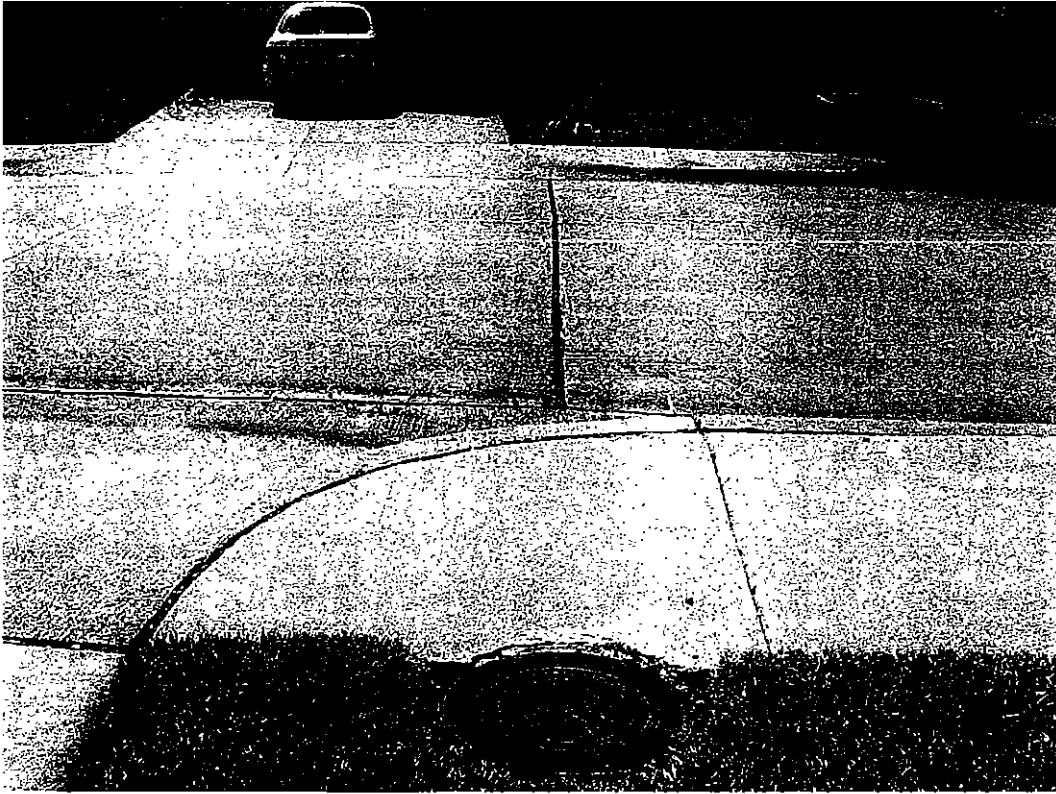
3768 Lakeway Court



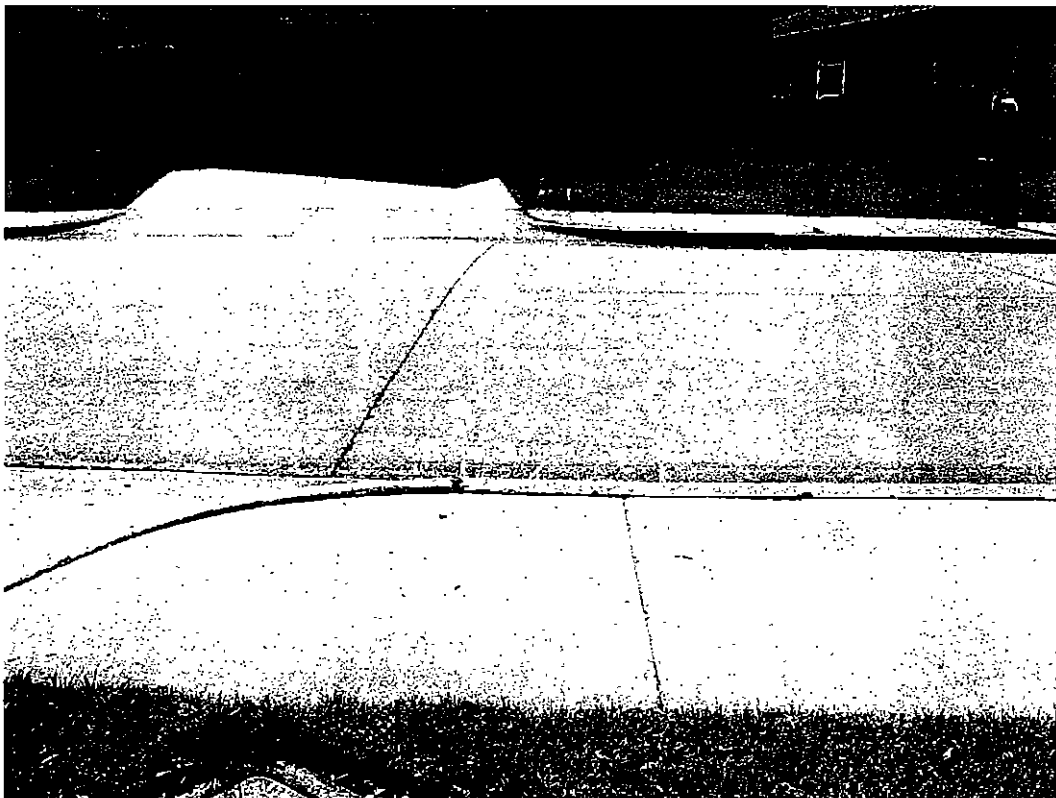
3772 Lakeway Court

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Chatham Court



3776 Lakeway Court



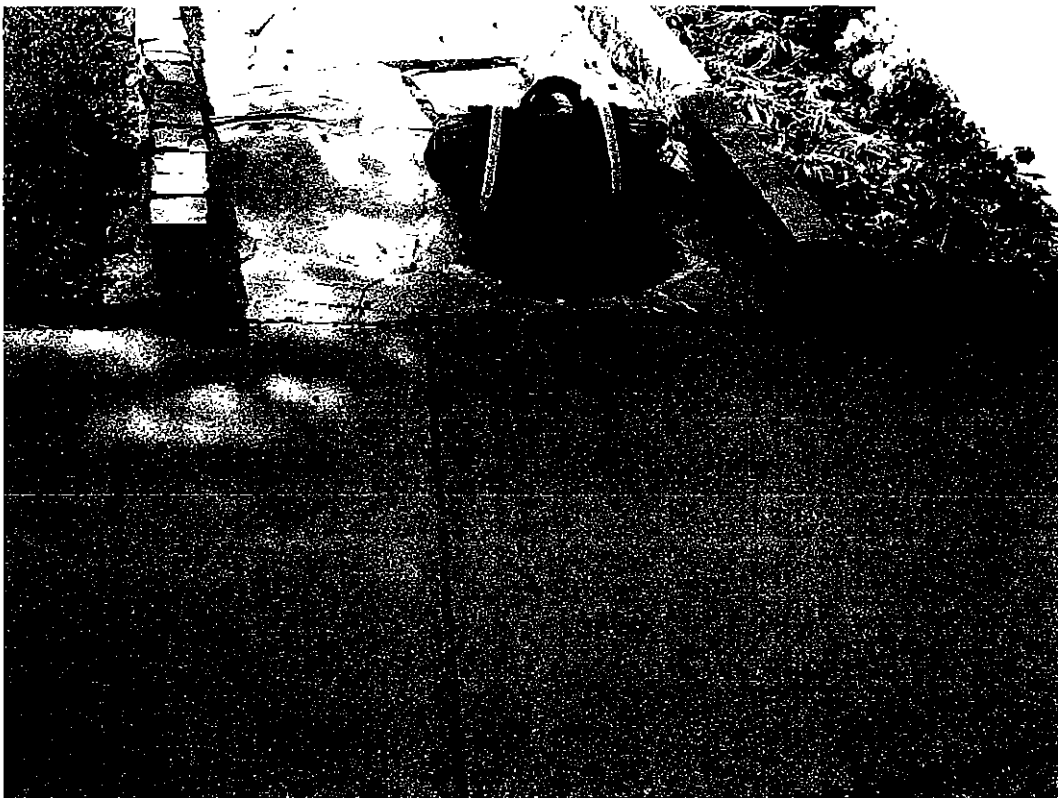
3780 Lakeway Court

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Chatham Court



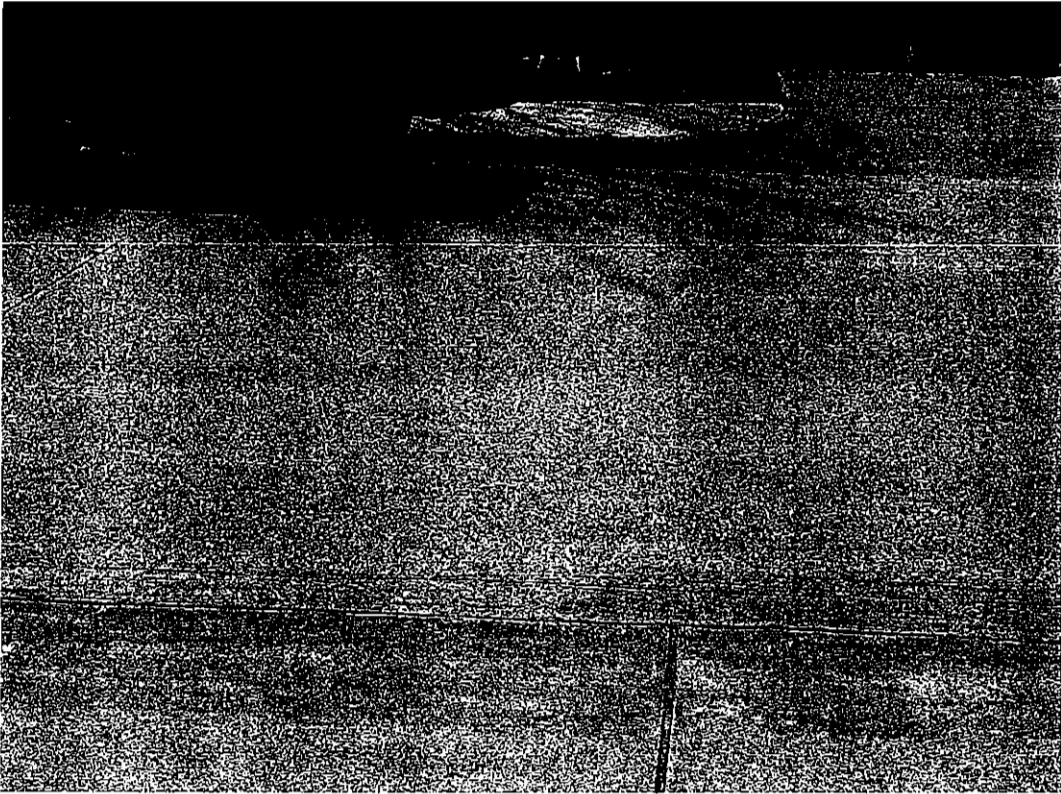
3784 Lakeway Court (1)



3784 Lakeway Court (2)

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.

Chatham Court



3800 Lakeway Court

Pictures are taken looking from water main side to the water meter. Orange object is on the water meter that is to be replaced. These pictures are for information only and not for construction estimating.