

C.O. 5213  
Spec. 1267

# CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT



## BOARD OF WATER COMMISSIONERS

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## FAX COVER SHEET

DATE: 1/8/96 TIME: 11:10

NUMBER OF PAGES INCLUDING COVER PAGE: 25

### FROM:

NAME: James Dye

PHONE NO.: (909) 384-5386 FAX NO. (909) 384-5532

### TRANSMITTED TO:

NAME: Roy Herzig

AGENCY/DEPARTMENT: USEPA

FAX NO.: (415) 744-1917

COMMENTS AND/OR DESCRIPTION OF DOCUMENTS: \_\_\_\_\_

PLEASE CALL (909) 384-5291 FOR PAGES NOT RECEIVED OR NOT READABLE.

CC: Duane Deutscher - 3-14-97 (also bid tabulation sheet)

# MESSAGE CONFIRMATION

SESSION NO. = 684

01/07/97 23:19  
ID=SBMWD-ENGINEERING

| DATE  | TIME  | S,R-TIME | DISTANT STATION ID | MODE  | PAGES | RESULT  |
|-------|-------|----------|--------------------|-------|-------|---------|
| 01/07 | 23:10 | 08'26"   | 415 744 1917       | ECM-S | 25    | OK 0000 |



CONTRACTORS STATE LICENSE BOARD

9025 COLTIE ROAD, SACRAMENTO, CALIFORNIA
MAILING ADDRESS: P.O. BOX 26000
SACRAMENTO, CALIFORNIA 95826



DESCRIPTION OF CLASSIFICATIONS

A GENERAL ENGINEERING CONTRACTOR

A general engineering contractor is a contractor whose principal contracting business is in connection with fixed works requiring specialized engineering knowledge and skill, including the following divisions or subjects: irrigation, drainage, water power, water supply, flood control, inland waterways, harbors, docks and wharves, shipyards and ports, dams and hydroelectric projects, levees, river control and reclamation works, railroads, highways, streets and roads, tunnels, airports and airways, sewers and sewage disposal plants and systems, waste reduction plants, bridges, overpasses, underpasses, and other similar works, pipelines and other systems for the transmission of petroleum and other liquids or gaseous substances, parks, playgrounds and other recreational works, refineries, chemical plants and similar industrial plants requiring specialized engineering knowledge and skill, powerhouses, power plants and other utilities plants and installations, mines and metallurgical plants, land leveling and earthmoving projects, excavating, grading, trenching, paving and surfacing work and cement and concrete works in connection with the above mentioned fixed works.

7056 of the Business and Professions Code (B & P Code)

B GENERAL BUILDING CONTRACTOR

A general building contractor is a contractor whose principal contracting business is in connection with any structure built, being built, or to be built, for the support, shelter and enclosure of persons, animals, chattels or moveable property of any kind requiring in its construction the use of more than two unrelated building trades or crafts, or to do or superintend the whole or any part thereof. This does not include anyone who merely furnishes material or supplies under Section 7045 without fabricating them into, or consuming them in the performance of the work of the general building contractor.

7057 of the B & P Code.

C-2 INSULATION AND ACOUSTICAL CONTRACTOR

An insulation and acoustical contractor installs any insulating media and preformed architectural materials for the purpose of temperature and/or sound control.

(Authority cited: Sect. 7008 and 7059, B & P Code. Reference: Sect. 7058 and 7059 B & P Code.)

## EXCEPTIONS

WE TAKE EXCEPTION TO THE C-34  
LICENSE REQUIREMENT. WE HOLD A  
VALID CLASS A LICENSE WHICH COVERS  
YOUR PROJECT. PLEASE SEE LICENSE  
DESCRIPTION AND A LIST OF PROJECTS  
COMPLETED.

B I D P R O P O S A L

Specification No. 1267

TO: ATTENTION: THOMAS A. VALDEZ  
CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT  
195 NORTH "D" STREET, SAN BERNARDINO, CA 92402

FOR: FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR A RAW  
WATER TRANSMISSION PIPELINE CONSISTING OF 12" C900 AND 12",  
16", AND 24" DUCTILE IRON PIPE, AND ASSOCIATED APPURTENANCES  
FOR THE NEWMARK DRINKING WATER RESTORATION SUPERFUND PROJECT,  
SAN BERNARDINO, CALIFORNIA

THE UNDERSIGNED, AS BIDDER, HEREBY AGREES AND DECLARES THAT:

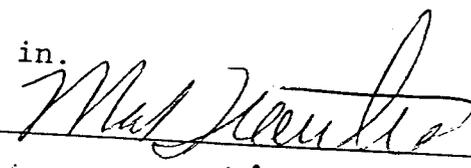
PROPOSAL IRREVOCABLE FOR SIXTY DAYS

Proposals delivered to the Owner at the time set for opening of  
bids shall be irrevocable, and may not be withdrawn for a period of  
sixty (60) days after the date set for the opening of bids.

SCHEDULE OF PRICES

All prices quoted shall include all applicable sales taxes, State  
and/or Federal, and any other special taxes, and full insurance  
paid by the Bidder to complete the contract as specified in these  
specifications.

All prices must be filled in.

1. SIGNATURE OF BIDDER: 
2. PRINT OR TYPE NAME OF BIDDER: MARK TRAUTWEIN
3. COMPANY NAME: TRAUTWEIN CONSTRUCTION
4. LUMP SUM BID (BASE BID)

CONSTRUCTION

Furnish all Labor, Equipment, and Materials Required for a Raw  
Water Transmission Pipeline Consisting of 12" C900 and 12",  
16", and 24" Ductile Iron Pipe, and Associated Appurtenances  
for Segment 1: South of Mt. View Avenue Station 9+00; Segment  
2: North of Mt. View Avenue Station 9+00 and South of Mt. View  
Station 44+00; and Segment 3: North of Mt. View Station 44+00  
and South of Mt. View Station 60+63 of the Newmark Drinking  
Water Restoration Superfund Project, San Bernardino, Califor-  
nia in accordance with the Specifications for the Lump Sum  
Price of:

(Except that the Owner shall provide the materials listed in the Information to Bidders under "Owner Supplied Materials")

\$ 574,674.70  
WRITTEN IN FIGURES

FIVE HUNDRED SEVENTY FOUR THOUSAND SIX HUNDRED SEVENTY FOUR  
WRITTEN IN WORDS

5. ADD OR DEDUCT ADDITIVE UNIT PRICES:

The undersigned bidder will accept as adjustment to the Lump Sum Bid for quantities of Work different than indicated on the Plans the amount resulting from applying to the differences the following unit prices.

It is understood that all add or deduct additive unit prices must be filled in and that the prices must be reasonable and are subject to the Owner's approval prior to award of the Contract.

ADDITIONAL WORK NOT IN CONTRACT

OFFSETS:

|                            | UNIT PRICES |
|----------------------------|-------------|
| Offset Existing 4" Steel   | \$ 3000.00  |
| Offset Existing 6" Steel   | \$ 4000.00  |
| Offset Existing 8" Steel   | \$ 4500.00  |
| Offset Existing 12" Steel  | \$ 4800.00  |
| Offset Existing 16" Steel  | \$ 5000.00  |
| Offset Existing 20" Steel  | \$ 5500.00  |
| Offset Existing 4" C. I.   | \$ 3500.00  |
| Offset Existing 6" C. I.   | \$ 4500.00  |
| Offset Existing 8" C. I.   | \$ 4800.00  |
| Offset Existing 12" C. I.  | \$ 5000.00  |
| Offset Existing 16" C. I.  | \$ 5500.00  |
| Offset Existing 20" C. I.  | \$ 6500.00  |
| Offset Proposed 6" D.I.P.  | \$ 3500.00  |
| Offset Proposed 8" D.I.P.  | \$ 3800.00  |
| Offset Proposed 12" D.I.P. | \$ 4000.00  |
| Offset Proposed 16" D.I.P. | \$ 4500.00  |
| Offset Proposed 24" D.I.P. | \$ 5500.00  |

329 181,220  
567 296,140  
929 97,344.70

AIR VACUUM AND RELEASE VALVES:

|                                 |              |
|---------------------------------|--------------|
| 1" Air Release Valve            | \$ 3500.00 ✓ |
| 2" Air Vacuum and Release Valve | \$ 4000.00 ✓ |

CONCRETE REMOVAL/ ASPHALT REPAIR:

|   |           |
|---|-----------|
| Remove Existing Concrete Underlayment (Per Square Foot) | \$ 1.00 ✓ |
|---|-----------|

Asphalt Repair  
(Per Square Foot, Per 1" lift) \$ .23

BLOW OFF ASSEMBLY: UNIT PRICES  
8" Blow Off Assembly \$ 5500.00

RESTRAINED JOINTS:  
12" PVC Restrainer Joint \$ 500.00  
16" Ductile Iron Restrained Joint \$ 750.00  
24" Ductile Iron Restrained Joint \$ 1000.00

HOT TAPS:  
12" Tap On 24" D.I.P. \$ 1200.00  
12" Tap On 16" D.I.P. \$ 1000.00  
8" Tap On 24" D.I.P. \$ 750.00  
8" Tap On 16" D.I.P. \$ 750.00  
8" Tap On 12" D.I.P. \$ 750.00

THRUST BLOCKS:  
Poured Concrete Thrust Block \$ 400.00 ✓  
(Per Cubic Yard)

C-900/DUCTILE IRON PIPE:  
(Unit Price Per Foot of Installed Pipe)  
12" C-900 PVC Pipe (Per Foot) \$ 50.00  
6" Ductile Iron Pipe (Per Foot) \$ 60.00  
8" Ductile Iron Pipe (Per Foot) \$ 65.00  
12" Ductile Iron Pipe (Per Foot) \$ 80.00  
16" Ductile Iron Pipe (Per Foot) \$ 90.00  
24" Ductile Iron Pipe (Per Foot) \$ 100.00

SEWER LATERALS:  
Repair/Replace Sewer Laterals \$ 500.00 ✓

NOTE: ALL PRICES SHALL BE FOR A COMPLETELY INSTALLED PRODUCT INCLUDING LABOR, MATERIALS, OVERHEAD/PROFIT, TAXES/FEES, AND ANY OTHER CHARGES.

\*\* DO NOT INCLUDE ADDITIVE UNIT PRICES IN LUMP SUM BID\*\*

6. CALENDAR DAYS TO COMPLETE CONTRACT AFTER NOTICE TO PROCEED HAS BEEN ISSUED BY THE OWNER: 120

7. LIST FEDERAL TAX I. D. NO.: 33-053057



(909) 829-8258

## PROJECTS

### **RUBIDOUX COMMUNITY SERVICES DISTRICT**

P.O.Box 3098, 3590 Rubidoux Blvd., Rubidoux, CA 92509

#### **Skyview Road Pipeline**

\$167,910.00

Contact: Steve Appel (909)684-7580

Mike Thornton, Krieger & Stewart (909)-684-6900

Completion: September 3, 1996 - October 11, 1996

### **City of Montclair**

5111 Benito Street, Montclair, CA 91763

#### **Howard, Mission, Central, Sewerline**

\$339,950.00

Contact: Don Gdula (909)625-9444

Completion: August 5, 1996 - December 1996

### **CITY OF FONTANA**

8353 Sierra Avenue, Fontana, CA 92335

#### **Hunter's Ridge - Cherry Avenue Waterline**

\$519,471.50

Contact: Greg Bucknell (909)350-7610

Completion: June 5, 1996 - November 1996

### **SANTA ANA WATERSHED PROJECT AUTHORITY**

11615 Sterling Avenue, Riverside, CA 92503

#### **Magnolia / Filmore Waterline**

\$136,090.00

Contact: Richard Smith (909)785-5411

Completion: July 15, 1996 - August 30, 1996

### **RUBIDOUX COMMUNITY SERVICES DISTRICT**

P.O. Box 3098, 3590 Rubidoux Blvd., Rubidoux, CA 92509

#### **34th Street, Daly Avenue and 36th Street Pipelines**

\$481,150.00

Contact: Steve Appel (909)684-7580

Mike Thornton, Krieger & Stewart (909)684-6900

Completion: January 29, 1996 - June, 1996

**RANCHO CALIFORNIA WATER DISTRICT**

P.O. Box 9017, 42135 Winchester Road, Temecula, CA 92589

**Margarita Road 24" Water Transmission Main**

\$571,396.00 /

Contact: Craig Mapes (909)676-4101

Completion: November 1995 - February 1996

**RUBIDOUX COMMUNITY SERVICES DISTRICT**

P.O. Box 3098, 3590 Rubidoux Blvd., Rubidoux, CA 92509

**Rubidoux Blvd. / Avalon Street 24" Pipeline, Phase II**

\$485,385.00 /

Contact: Steve Appel (909)684-7580

Mike Thornton, Krieger & Stewart (909)684-6900

Completion: June 1995 - September 1995

**CITY OF BANNING**

99 E. Ramsey Street, Banning, CA 92220

**6" & 8" Waterline Replacement**

\$296,000.00 /

Contact: Kahono Oei (909)922-1230

Completion: June 1995

ADDENDA

Bidder acknowledges receipt of the following addendum (addenda):

MT  
(BIDDER'S INITIALS)

FIELD INSPECTION OF SITE

The Bidder certifies that he/she has conducted a prebid site inspection prior to submitting this bid proposal.

DATE OF SITE INSPECTION: 12/23 BY: [Signature]

WATER DEPARTMENT REPRESENTATIVE PRESENT DURING SITE INSPECTION:

JAMES DYE  
Name of Water Department Employee

BIDDER

The name of the Bidder submitting this proposal is:

MARK TRAUTWEIN OF TRAUTWEIN CONST.

whose address is 14046 SANTA ANA AVE., FONTANA CA 92337  
Street City State Zip Code

and whose telephone number is 909-829-8250

CONTRACTOR'S LICENSE DECLARATION

(Business and Professions Code Section 7028.15)

The undersigned declares that he or she is OWNER  
Party Making Foregoing Bid

of TRAUTWEIN CONSTRUCTION  
Hereinafter the "Bidder"

1. Bidder's Contractor's License Number is as follows:

605199

2. The expiration date of Bidder's Contractor's License is as follows:

11/31/98

3. Bidder acknowledges that Section 7028.15(e) of the Business and Professions Code provides as follows:

"A licensed Contractor shall not submit a bid to a public agency unless his or her contractor's license number appears clearly on the bid, the license expiration date is stated, and the bid contains a statement that the representations therein are made under penalty of perjury. Any bid not containing this information, or a bid containing information which is subsequently proven false, shall be considered Nonresponsive and shall be rejected by the public agency."

The undersigned declares, under penalty of perjury, that representations made by the undersigned in this bid proposal are true and correct.

Executed on 12/20, 1996

at FONTANA, CALIFORNIA  
(insert city and state where Declaration signed).

*Mark Trautwein*  
Signature

MARK TRAUTWEIN  
Typed Name

OWNER  
Title

TRAUTWEIN CONSTRUCTION  
Name of Bidder

NAME OF MANUFACTURER: \_\_\_\_\_

SHIPMENT WILL BE MADE FROM: \_\_\_\_\_

BIDDER: TRAUTWEIN CONSTRUCTION

ADDRESS: 14046 SANTA ANA AVE.

FONTANA, CA 92337

BY: *Mark Trautwein* OWNER  
NAME TITLE

DATE: 12/20/96 TELEPHONE NO.: 909-829-8288

TYPE OF FIRM: GENERAL ENGINEERING CONTRACTOR

SOLE PROPRIETOR  PARTNERSHIP

CORPORATION  OTHER

DECLARATION OF NONCOLLUSION

Specification No. 1267

The undersigned certifies (or Declares) under penalty of perjury that this quotation is genuine and not sham or collusive, or made in the interest or on behalf of any person, firm or corporation not herein named; that the bidder not directly or indirectly induced or solicited any other bidder to put up a sham bid, or any other person, firm, or corporation to refrain from bidding, and that the Bidder has not, in any manner, sought by collusion to secure to himself any advantage over other Bidders.

EXECUTED AT: FONTANA, CALIFORNIA  
(BIDDER COMPLETE) CITY STATE

ON 20 DAY OF DECEMBER, 1996.

BIDDER MUST COMPLETE AND SIGN BELOW:

FIRM: TRAUTWEIN CONST. PHONE 909-829-8258

ADDRESS: 14046 SANTA ANA AVE.  
STREET  
FONTANA CA 92337  
CITY STATE ZIP

SIGNED: 

TITLE: OWNER

BIDDER'S BOND

Specification No. 1267

Ten Percent (10%) of the Lump Sum Bid

KNOW ALL MEN BY THESE PRESENTS,

That we, \_\_\_\_\_, as  
Principal, and \_\_\_\_\_,

as Surety, are held and firmly bound unto the San Bernardino  
Municipal Water Department in the sum of \_\_\_\_\_  
Dollars (\$ \_\_\_\_\_) to be paid  
to the said San Bernardino Municipal Water Department its succes-  
sors and assigns, for which payment, well and truly to be made, we  
bind ourselves, our heirs, executors and administrators, successors  
or assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH,

That if the certain proposal of the above bonding \_\_\_\_\_  
\_\_\_\_\_

is accepted by the said San Bernardino Municipal Water Department,  
and if the above \_\_\_\_\_  
bounden \_\_\_\_\_ his  
heirs, executors, administrators, successors, and assigns shall  
duly enter into and execute a Contract for such construction, and  
shall execute and deliver the Labor Bond, Performance Bond, and  
other Contract Documents described, within fifteen (15) days from  
the date of the award and notice to the above bounden \_\_\_\_\_

\_\_\_\_\_ by and from the said San Bernardino Municipal Water  
Department that said Contract is ready for execution, then this  
obligation shall become null and void; it shall be and remain in  
full force and virtue.

IN WITNESS WHEREOF,

We hereunto set our hands and seals this \_\_\_\_\_

day of \_\_\_\_\_ 1996.

\_\_\_\_\_  
Name of Surety

(Seal)

\_\_\_\_\_  
Address

(Attach here  
Acknowledgment  
on Standard Form)

\_\_\_\_\_  
Signature of Representative

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Name of Contractor

(Seal)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Signature of Representative

\_\_\_\_\_  
Telephone Number

NOTICE TO BIDDERS

MINORITY BUSINESS ENTERPRISE (MBE)  
WOMEN BUSINESS ENTERPRISE (WBE) PROGRAM

The San Bernardino Municipal Water Department Board of Water Commissioners has repealed the MBE/WBE Policy previously in effect. Under their direction, the Water Department staff is in the process of developing a new implementation program to encourage MBE and WBE participation in Water Department Contracts. At this time no program is in effect.

However, the United States Environmental Protection Agency's (USEPA) conditions of grant approval require us to comply with Code of Federal Register (CFR) Section 40.31.36(e) pertaining to minority, women-owned business and labor surplus area firms. CFR 40.31.36(e) states the following:

- "(e) Contracting with small and minority firms, women's business enterprise and labor surplus area firms. (1) The grantee and subgrantee will take all necessary affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible.
- (2) Affirmative steps shall include:
- (i) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
  - (ii) Assuring that small and minority businesses, women's business enterprises are solicited whenever they are potential sources;
  - (iii) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises;
  - (iv) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises;
  - (v) Using the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce; and
  - (vi) Requiring the prime contractor, if subcontractors are to be let, to take the affirmative steps listed in paragraphs (e)(2) (i) through (v) of this section."

In order to comply with CFR 40.31.36(e), the bidder shall take the six steps stated above and submit the attached completed forms with the bid schedule.

PART A:

ACKNOWLEDGMENT OF MWBE GOAL REQUIREMENTS  
AND CERTIFICATION OF ABILITY TO MEET THE  
MWBE GOAL REQUIREMENTS

Specification No. 1267

I, MARK TRAUTWEIN, the OWNER  
(President, Secretary  
Manager, Owner or Representative) of TRAUTWEIN CONSTRUCTION  
(Name of Company)

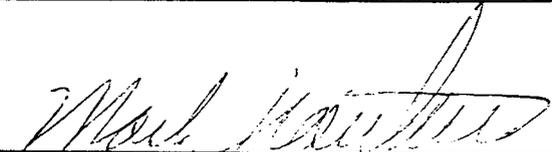
\_\_\_\_\_, certify that the Specifications  
Corporation or Owner)

regarding MWBE CFR Section 40.31.36(e) requirements for the Contract designated Specification No. 1267 have been read and understood and that our firm, as a supplier/contractor on this project, is able to meet the CFR Section 40.31.36(e) established requirements for MWBE participation or has made a Good Faith Effort, and shall supply the Good Faith Effort Affidavit. Please check all that apply:

- MBE Company
- WBE Company
- MBE Subcontractors or Suppliers
- WBE Subcontractors or Suppliers
- Good Faith Effort Affidavit

List all subcontractors or suppliers and the percentage of work and percentage of the total dollar amount of contract:

| SUBCONTRACTOR OR SUPPLIERS | MBE/WBE | PERCENTAGE OF TOTAL WORK | PERCENTAGE OF TOTAL DOLLAR AMOUNT |
|----------------------------|---------|--------------------------|-----------------------------------|
| UNDERGROUND SHORING        | WBE     | 83%                      | 3%                                |
| GAIL MATERIALS             | WBE     | 95%                      | 5%                                |
| AVILA PAVING               | MBE     | 20%                      | 16%                               |
| MARTINEZ CONCRETE          | MBE     | 1%                       | 1%                                |
|                            |         |                          |                                   |
|                            |         |                          |                                   |
|                            |         |                          |                                   |
|                            |         |                          |                                   |

  
(Signature of President, Secretary,  
Manager, Owner or Representative)

**PART B:**

I, \_\_\_\_\_, the \_\_\_\_\_  
\_\_\_\_\_ of \_\_\_\_\_  
(President, Secretary  
Manager, Owner or Representative) (Name of Company)

\_\_\_\_\_, certify that the Specifications  
(Corporation or Owner)

regarding MWBE CFR Section 40.31.36(e) requirements for the  
Contract designated Specification No. 1267 have been read and un-  
derstood and that our firm, as a supplier/contractor on this pro-  
ject, is not able to meet the CFR Section 40.31.36(e) established  
requirements for MWBE participation or make a Good Faith Effort,  
and supply the Good Faith Effort Affidavit for the following rea-  
sons:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
(Signature of President, Secretary,  
Manager, Owner or Representative)

ATTACH A NOTARIZED ALL-PURPOSE  
CALIFORNIA ACKNOWLEDGMENT

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

BIDDER'S MINORITY BUSINESS ENTERPRISE (MWBE) CERTIFICATION FORM  
(STATUS OF SUBCONTRACTORS AND SUPPLIERS)

Contract Title NEXIMARK DRINKING WATER RESTORATION SUPERFUND PROJECT

Contract/Specification Number 1267

\* Bid Amount \$ 574,674.70 Bid Opening Date 12/20, 1996

M/WBE OF CFR 40.31.36 (E) CONTRACT: MBE 7 % WBE 8 %

CFR 40.31.36 (e) CONTRACT REQUIREMENTS ACHIEVED

GOOD FAITH EFFORT AFFIDAVIT COMPLETED

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I hereby certify that I have made a diligent effort to ascertain the facts with regard to the representations made herein and, to the best of my knowledge and belief, each firm set forth in this bid as minority or woman business enterprise complies with the relevant definition set forth in the City of San Bernardino Municipal Water Department bid Specification No. 1267.

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Bidder's Company Name TRAUTWEIN CONSTRUCTION

Address 14046 SANTA ANA AVE.

City/State/Zip FONTANA CA 92337

Contact Person MARK TRAUTWEIN Telephone No. 909, 829 - 8258

Owner/CEO Signature Mark Trautwein

Title OWNER Date 12/20, 1996

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT  
GOOD FAITH EFFORT MBE/WBE PROGRAM

M/WBE SUBCONTRACTORS/SUPPLIERS LISTING FORM

Bidder's Name TRAUTWEIN CONST. Contract Title NEW NEWMARK WATER  
Contract/Specification No. 1267 Bid Opening Date 12/26/96

M/WBE Firm Name UNDERGROUND SHOPPING  
Address 29061 E. CORONADO ST.  
City/State/Zip ANAHEIM CA 92806  
Contact Person \_\_\_\_\_ Telephone No. (714) 632-2861  
Designation:  MBE  WBE County Vendor No. \_\_\_\_\_  
Subcontracted work to be provided SHOPPING

M/WBE Firm Name GAIL MATERIALS  
Address 1256 MAGNOLIA AVE  
City/State/Zip CORONA CA 91719  
Contact Person \_\_\_\_\_ Telephone No. (909) 277-1095  
Designation:  MBE  WBE County Vendor No. \_\_\_\_\_  
Subcontracted work to be provided \_\_\_\_\_

M/WBE Firm Name AYALA PAVING  
Address PO BOX 1224  
City/State/Zip SAN BERNARDINO, CA  
Contact Person \_\_\_\_\_ Telephone No. (909) 888-7390  
Designation:  MBE  WBE County Vendor No. \_\_\_\_\_  
Subcontracted work to be provided PAVING

M/WBE Firm Name MARTINEZ CONCRETE  
Address 907 WEST ORANGE  
City/State/Zip AZUSA CA 91702  
Contact Person \_\_\_\_\_ Telephone No. (618) 334-3265  
Designation:  MBE  WBE County Vendor No. \_\_\_\_\_  
Subcontracted work to be provided CONCRETE

Signature of Bidder [Signature]

Date 12/13/96

LIST OF MINORITY MEDIA NEWSPAPERS FOR ADVERTISING TO SECURE MWBEs

Colton Courier Newspaper  
1809 South Commerce Center  
West  
San Bernardino, CA 92408  
(909) 381-9898

Inland Empire Hispanic News  
1558 North Waterman Ave., Ste.D  
San Bernardino, CA 92404  
(909) 381-6259

Black Voice Newspaper  
3585 Main Street, Suite 201  
Riverside, CA 92502  
(909) 682-6070

Westside Story Newspaper  
498 Court Street, Suite 208  
San Bernardino, CA 92401

Precinct Reporter Newspaper  
1677 West Baseline Street  
San Bernardino, CA 92411  
(909) 889-0597

LIST OF ORGANIZATIONS THAT WILL PROVIDE ASSISTANCE IN LOCATING  
MWBEs

County of San Bernardino  
MWBE Program Office  
157 West Fifth Street  
San Bernardino, CA 92415-0440  
(909) 387-5546

Minority Business Development  
Center  
290 North "D" Street, Suite  
303  
San Bernardino, CA 92401-1709  
(909) 381-4008

**FIRST NATIONAL SURETY**

FIRST NATIONAL INSURANCE CO. OF AMERICA  
4333 Brooklyn Avenue N.E.  
Seattle, WA 98105

**BID BOND**

KNOW ALL BY THESE PRESENTS, That we, TRAUTWEIN CONSTRUCTION

of FONTANA, CA (hereinafter called the Principal),  
as Principal, and FIRST NATIONAL INSURANCE COMPANY OF AMERICA, of Seattle, Washington, a corporation duly  
organized under the laws of the State of Washington as Surety, hereinafter called the Surety, are held and firmly bound unto

SAN BERNARDINO MUNICIPAL WATER DEPT.

(hereinafter called the Obligee) in the penal sum of \_\_\_\_\_

TEN PERCENT OF THE AMOUNT BID Dollars (\$ 10% )  
for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and  
assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, That Whereas, the Principal has submitted or is about to submit  
a proposal to the Obligee on a contract for

WATER TRANSMISSION PIPELINE #1267

NOW, THEREFORE, If the said Contract be timely awarded to the Principal and the Principal shall, within such time as  
may be specified, enter into the contract in writing, and give bond, if bond is required, with surety acceptable to the Obligee  
for the faithful performance of the said Contract, then this obligation shall be void; otherwise to remain in full force and  
effect.

Signed and sealed this 17th day of DECEMBER, 1996.

TRAUTWEIN CONSTRUCTION (Seal)  
Principal

Witness {

[Signature]  
Title

FIRST NATIONAL INSURANCE COMPANY OF AMERICA

By [Signature]  
MICHAEL D. STONG Attorney-in-Fact

STATE OF CALIFORNIA

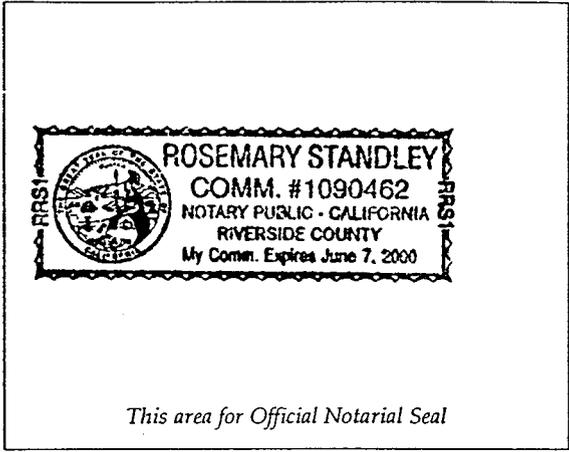
COUNTY OF RIVERSIDE

} SS.

On 12/17/96, before me, ROSEMARY STANDLEY

PERSONALLY APPEARED MICHAEL D. STONG

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Signature Rosemary Standley

**OPTIONAL**

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

**CAPACITY CLAIMED BY SIGNER**

- INDIVIDUAL
- CORPORATE OFFICER
- \_\_\_\_\_ TITLE(S)
- PARTNER(S)       LIMITED
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**DESCRIPTION OF ATTACHED DOCUMENT**

\_\_\_\_\_ TITLE OR TYPE OF DOCUMENT

\_\_\_\_\_ NUMBER OF PAGES

\_\_\_\_\_ DATE OF DOCUMENT

\_\_\_\_\_ SIGNER(S) OTHER THAN NAMED ABOVE

**SIGNER IS REPRESENTING:**  
NAME OF PERSON(S) OR ENTITY(IES)  
\_\_\_\_\_  
\_\_\_\_\_

**FIRST NATIONAL SURETY**

POWER OF ATTORNEY

FIRST NATIONAL INSURANCE COMPANY OF AMERICA  
4333 BROOKLYN AVE NE  
SEATTLE, WASHINGTON 98105

13 Brooklyn Avenue N.E.  
Seattle, WA 98105

No. 6966

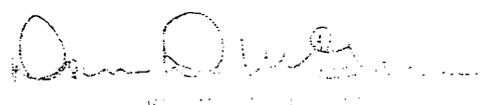
KNOW ALL BY THESE PRESENTS:

That FIRST NATIONAL INSURANCE COMPANY OF AMERICA, a Washington corporation, does hereby appoint  
\*\*\*\*\*MICHAEL D. STONG; Riverside, California\*\*\*\*\*

its true and lawful attorney(s)-in-fact, with full authority to execute on behalf of the company fidelity and surety bonds or undertakings and other documents of a similar character issued by the company in the course of its business, and to bind FIRST NATIONAL INSURANCE COMPANY OF AMERICA thereby as fully as if such instruments had been duly executed by its regularly elected officers at its home office.

IN WITNESS WHEREOF, FIRST NATIONAL INSURANCE COMPANY OF AMERICA has executed and attested these presents

this 7th day of February, 19 96



CERTIFICATE

Extract from the By-Laws of FIRST NATIONAL INSURANCE COMPANY OF AMERICA:

Article V, Section 13. - FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of  
FIRST NATIONAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,  
(i) The provisions of Article V, Section 13 of the By-Laws, and  
(ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and  
(iii) Certifying that said power-of-attorney appointment is in full force and effect,  
the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, R. A. Pierson, Secretary of FIRST NATIONAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of this corporation, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 17th day of December, 19 96

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**Appendix C**  
**Construction Inspection Report**  
**South Plant Transmission Pipeline**  
**Phase I and Phase II**  
**Punch List**

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**Appendix C**  
**Construction Inspection Report**  
**South Plant Transmission Pipeline**  
**Phase I and Phase II**  
**Punch List**

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C.O. #8273 - USEPA Funded Newmark -  
Spec. 1267, South Plant  
Phase I Trautwein  
Construction  
(Maps/Spec.)

(Cross-Reference EPN 95-052)

3273 DP

PUNCH LIST

NEWMARK O/U SOUTH PIPELINE SEGMENT 1  
SBMWD SPECIFICATION NO. 1267

RECEIVED

MAY 9 1997

May 7, 1997

STATIONER  
MAY 10 1997

1. 4 valve covers (existing) are covered with A.C. in Stoddard Avenue. Remove A.C. and raise covers.
2. Sta 18+20 (Well #2). Valve riser on 12-inch drain from well is cracked. Replace.
3. Sta 27+14. Add valve extension on 16-inch B.F.V. (24-inch pipeline).
4. Sta 42+46. Clean A.C. from bottom of valve can.
5. Sta 32+70. Add valve extensions (2 valves).
6. Sta 38+40. Add valve extensions (2 valves).
7. At 17th Street Plant, add temporary A.C. and raise street to grade.

**LUDWIG ENGINEERING**  
 109 East Third Street  
 San Bernardino, CA 92410-4801

**LETTER OF TRANSMITTAL**

(909) 884-8217  
 FAX (909) 889-0153

|           |              |         |         |
|-----------|--------------|---------|---------|
| DATE      | 2-20-97      | JOB NO. | SB 0736 |
| ATTENTION | Mr James Dye |         |         |
| RE:       | Mt. View Ave |         |         |
|           | Cut sheets   |         |         |
|           |              |         |         |
|           |              |         |         |
|           |              |         |         |
|           |              |         |         |

TO City of San Bernardino  
300 N. "D" ST  
San Bernardino, Ca 92418

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      | 2/20/97 | 7   | Cut sheets Sta 6+27 to 6+40 |
|        |         |     |                             |
|        |         |     |                             |
|        |         |     |                             |
|        |         |     |                             |
|        |         |     |                             |
|        |         |     |                             |
|        |         |     |                             |

THESE ARE TRANSMITTED as checked below:

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

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

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

SIGNED: \_\_\_\_\_

EPA CONSULTANTS  
**CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT**

300 North "D" Street, Fifth Floor  
San Bernardino, California 92418  
(909)384-5391 (909)384-5532 fax  
Contact: James Dye, P.E.

EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 1 of 20  
February, 1997

| Pt.# | Station      | Plan Elev. | Stake Elev. | Cut  | Description / COMMENT |
|------|--------------|------------|-------------|------|-----------------------|
| 1515 | 13+50        | 1088.92    | 95.67       | 6.75 |                       |
| 1514 | 13+00        | 1088.35    | 96.17       | 7.82 |                       |
| 1513 | 12+50        | 1087.78    | 95.64       | 7.86 |                       |
| 1512 | 12+00        | 1087.21    | 94.51       | 7.30 |                       |
| 1511 | 11+50        | 1086.64    | 94.07       | 7.43 |                       |
| 1510 | 11+00        | 1086.07    | 93.40       | 7.33 |                       |
| 1509 | 10+50        | 1085.50    | 92.95       | 7.45 |                       |
| 1508 | 10+00        | 1084.93    | 92.37       | 7.44 |                       |
| 1507 | 9+50 GB      | 1084.36    | 91.95       | 7.59 |                       |
| 1506 | 9+00         | 1083.50    | 91.52       | 8.02 |                       |
| 1505 | 8+50         | 1082.64    | 90.92       | 8.28 |                       |
| 1504 | 8+00         | 1081.78    | 90.20       | 8.42 | 8+00 GB 1081.78 (16") |
| 1503 | 7+50         | 1080.92    | 89.57       | 8.65 |                       |
| 1502 | 7+00         | 1080.06    | 88.86       | 8.80 |                       |
| 1501 | 6+50         | 1079.20    | 88.48       | 9.28 |                       |
| 1500 | 6+27.55 join | 1078.81    | 88.35       | 9.54 | 6+31.55 1080.90 (16") |

Mountain View Avenue

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 2 of 20  
February, 1997

| Station      | Plan Elev.                                 | Stake Elev.      | Cut             | Description |
|--------------|--|------------------|-----------------|-------------|
| 1531 20+50   | 1097.08                                    | 05.74            | 8.66            |             |
| 30 20+00 GB  | 1096.33                                    | 05.23            | 8.90            |             |
| 29 19+50     | 1095.76                                    | 04.46            | 8.70            |             |
| 28 19+00     | 1095.19                                    | 03.77            | 8.58            |             |
| 27 18+50     | 1094.62                                    |                  |                 |             |
| 26 18+40 LT  | 24" MJ BFV, BO, 3" CAV                     |                  |                 |             |
| 25 18+00     | 1094.05                                    | 02.30            | 8.25            |             |
| 24 17+50     | 1093.48                                    |                  |                 |             |
| 23 17+00     | 1092.91                                    | 00.83            | 7.92            |             |
| 22 16+50     | 1092.34                                    | 00.14            | 7.80            |             |
| 21 16+00     | 1091.77                                    | 99.39            | 7.62            |             |
| 20 15+50     | 1091.20                                    | 98.71            | 7.51            |             |
| 19 15+00     | 1090.63                                    | 97.93            | 7.30            |             |
| 18 14+50     | 1090.06                                    | 97.05            | 6.99            |             |
| 17 14+30 RT. | <sup>89.83</sup><br>16" MJ BFV, BO, 3" CAV | <sup>96.84</sup> | <sup>7.01</sup> |             |
| 1516 14+00   | 1089.49                                    | 96.55            | 7.08            |             |

Mountain View Avenue

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 3 of 20  
February, 1997

| Station       | Plan Elev. | Stake Elev. | Cut  | Description |
|---------------|------------|-------------|------|-------------|
| 1548 29+00 GB | 1111.77    | 17.63       | 5.86 |             |
| 47 28+50      | 1110.83    | 16.85       | 6.02 |             |
| 46 28+00      | 1109.89    | 16.19       | 6.30 |             |
| 45 27+50      | 1108.95    | 15.50       | 6.55 |             |
| 44 27+00      | 1108.01    | 14.74       | 6.73 |             |
| 43 26+50      | 1107.07    | 14.08       | 7.01 |             |
| 42 26+00      | 1106.13    | 13.43       | 7.30 |             |
| 41 25+50      | 1105.19    | 12.73       | 7.54 |             |
| 40 25+00      | 1104.25    | 11.99       | 7.74 |             |
| 39 24+50      | 1103.31    | 11.10       | 7.79 |             |
| 38 24+00 GB   | 1102.37    | 10.26       | 7.89 |             |
| 37 23+50      | 1101.62    | 09.66       | 8.04 |             |
| 36 23+00      | 1100.86    | 09.04       | 8.18 |             |
| 35 22+50      | 1100.11    | 08.31       | 8.20 |             |
| 34 22+00      | 1099.35    | 07.68       | 8.33 |             |
| 33 21+50      | 1098.60    | 07.08       | 8.48 |             |
| 1532 21+00    | 1097.84    |             |      |             |

Mountain View Avenue

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 4 of 20  
February, 1997

| Station     | Plan Elev.                      | Stake Elev. | Cut  | Description |
|-------------|---------------------------------|-------------|------|-------------|
| 156537+00   | 1120.85                         | 28.85       | 8.00 |             |
| 64 36+50    | 1120.27                         | 28.15       | 7.88 |             |
| 63 36+00    | 1119.69                         | 27.42       | 7.73 |             |
| 62 35+50    | 1119.11                         | 26.72       | 7.61 |             |
| 61 35+00    | 1118.53                         |             |      |             |
| 60 34+50 GB | 1117.95                         | 25.26       | 7.31 |             |
| 59 34+00    | 1116.96                         | 24.52       | 7.56 |             |
| 58 33+50    | 1115.97                         | 23.81       | 7.84 |             |
| 57 33+00    | 1114.98                         | 23.13       | 8.15 |             |
| 56 32+70 RT | 16" MJ BFV, BO, 2" CAV<br>19.39 | 22.73       | 8.34 |             |
| 55 32+50    | 1113.99                         | 22.56       | 8.57 |             |
| 54 32+00 GB | 1113.00                         | 21.73       | 8.73 |             |
| 53 31+50    | 1112.80                         | 21.00       | 8.20 |             |
| 52 31+00    | 1112.59                         | 20.31       | 7.72 |             |
| 51 30+50    | 1112.39                         | 19.67       | 7.28 |             |
| 50 30+00    | 1112.18                         | 19.00       | 6.82 |             |
| 1549 29+50  | 1111.98                         | 18.31       | 6.33 |             |

Mountain View Avenue

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 5 of 20  
February, 1997

| Station        | Plan Elev.                      | Stake Elev.                   | Cut   | Description |
|----------------|---------------------------------|-------------------------------|-------|-------------|
| 1582 44+50     | 1132.74                         | 40.71                         | 7.97  |             |
| 81 44+42.49 RT | 16" MJ 90° Bend<br>32.62        | End 16" DL Mtn. View<br>40.42 | 7.80  |             |
| 80 44+00       | 1131.99                         | 39.85                         | 7.86  |             |
| 79 43+50       | 1131.25                         | 39.04                         | 7.79  |             |
| 78 43+00       | 1130.50                         | 38.18                         | 7.68  |             |
| 77 42+50       | 1129.76                         | 37.39                         | 7.63  |             |
| 76 42+00       | 1129.01                         | 36.54                         | 7.53  |             |
| 75 41+50       | 1128.27                         | 35.75                         | 7.48  |             |
| 74 41+00 GB    | 1127.52                         | 34.77                         | 7.25  |             |
| 73 40+50       | 1125.65                         | 33.85                         | 8.20  |             |
| 72 40+00       | 1123.77                         | 32.99                         | 9.22  |             |
| 71 39+50 GB    | 1121.89                         | 32.28                         | 10.39 |             |
| 70 39+00       | 1121.78                         | 31.60                         | 9.82  |             |
| 69 38+50       | 1121.66                         | 31.02                         | 9.36  |             |
| 68 38+40 LT    | 24" MJ BFV, BO, 3" CAV<br>21.63 | 30.85                         | 9.22  |             |
| 67 38+00       | 1121.55                         | 30.28                         | 8.73  |             |
| 1566 37+50 GB  | 1121.43                         | 29.59                         | 8.16  |             |

Mountain View Avenue

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 6 of 20  
February, 1997

| Station     | Plan Elev. | Stake Elev. | Cut  | Description |
|-------------|------------|-------------|------|-------------|
| 1597) 53+00 | 1145.40    | 53.55       | 8.15 |             |
| 98 52+50    | 1144.65    | 52.63       | 7.98 |             |
| 97 52+00    | 1143.91    | 52.01       | 8.10 |             |
| 96 51+50    | 1143.16    | 51.31       | 8.15 |             |
| 95 51+00    | 1142.42    | 50.54       | 8.12 |             |
| 94 50+50    | 1141.67    | 49.78       | 8.11 |             |
| 93 50+00    | 1140.93    | 49.13       | 8.20 |             |
| 92 49+50    | 1140.18    | 48.40       | 8.22 |             |
| 91 49+00    | 1139.44    | 47.66       | 8.22 |             |
| 90 48+50    | 1138.70    | 46.89       | 8.19 |             |
| 89 48+00    | 1137.95    | 46.07       | 8.12 |             |
| 88 47+50    | 1137.21    | 45.33       | 8.12 |             |
| 87 47+00    | 1136.46    | 44.55       | 8.09 |             |
| 86 46+50    | 1135.72    | 43.75       | 8.03 |             |
| 85 46+00    | 1134.97    | 42.97       | 8.00 |             |
| 84 45+50    | 1134.23    | 42.23       | 8.00 |             |
| 1583 45+00  | 1133.48    | 41.43       | 7.95 |             |

Mountain View Avenue

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 7 of 20  
February, 1997

| Station         | Plan Elev.                   | Stake Elev. | Cut  | Description |
|-----------------|------------------------------|-------------|------|-------------|
| 211- 1616 61+00 | 1158.62                      | 66.36       | 7.74 |             |
| 15 60+50        | 1157.97                      | 65.67       | 7.70 |             |
| 14 60+00        | 1157.32                      | 65.07       | 7.75 |             |
| 13 59+50        | 1156.67                      | 64.40       | 7.73 |             |
| 12 59+00 GB     | 1156.02                      | 63.59       | 7.57 |             |
| 11 58+50        | 1154.99                      | 62.53       | 7.54 |             |
| 10 58+40 RT     | 24" MJ BFV, BQ, CAV<br>54.79 | 62.32       | 7.53 |             |
| 09 58+00        | 1153.97                      | 61.72       | 7.75 |             |
| 08 57+50        | 1152.94                      | 60.84       | 7.90 |             |
| 07 57+00        | 1151.92                      | 60.03       | 8.11 |             |
| 06 56+50        | 1150.89                      | 59.20       | 8.31 |             |
| 05 56+00 GB     | 1149.87                      | 58.39       | 8.52 |             |
| 04 55+50        | 1149.12                      | 57.60       | 8.48 |             |
| 03 55+00        | 1148.38                      | 56.77       | 8.39 |             |
| 02 54+50        | 1147.63                      | 55.93       | 8.30 |             |
| 01 54+00        | 1146.89                      | 55.19       | 8.30 |             |
| 1600 53+50      | 1146.14                      | 54.30       | 8.16 |             |

Mountain View Avenue



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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 1 of 20  
February, 1997

| Station      | Plan Elev. | Stake Elev. | Cut | Description |
|--------------|------------|-------------|-----|-------------|
| 13+50        | 1088.92    |             |     |             |
| 13+00        | 1088.35    |             |     |             |
| 12+50        | 1087.78    |             |     |             |
| 12+00        | 1087.21    |             |     |             |
| 11+50        | 1086.64    |             |     |             |
| 11+00        | 1086.07    |             |     |             |
| 10+50        | 1085.50    |             |     |             |
| 10+00        | 1084.93    |             |     |             |
| 9+50 GB      | 1084.36    |             |     |             |
| 9+00         | 1083.50    |             |     |             |
| 8+50         | 1082.64    |             |     |             |
| 8+00         | 1081.78    |             |     |             |
| 7+50         | 1080.92    |             |     |             |
| 7+00         | 1080.06    |             |     |             |
| 6+50         | 1079.20    |             |     |             |
| 6+27.55 join | 1078.81    |             |     |             |

Mountain View Avenue

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 2 of 20  
February, 1997

| Station   | Plan Elev.             | Stake Elev. | Cut | Description |
|-----------|------------------------|-------------|-----|-------------|
| 20+50     | 1097.08                |             |     |             |
| 20+00 GB  | 1096.33                |             |     |             |
| 19+50     | 1095.76                |             |     |             |
| 19+00     | 1095.19                |             |     |             |
| 18+50     | 1094.62                |             |     |             |
| 18+40 LT  | 24" MJ BFV, BO, 3" CAV |             |     |             |
| 18+00     | 1094.05                |             |     |             |
| 17+50     | 1093.48                |             |     |             |
| 17+00     | 1092.91                |             |     |             |
| 16+50     | 1092.34                |             |     |             |
| 16+00     | 1091.77                |             |     |             |
| 15+50     | 1091.20                |             |     |             |
| 15+00     | 1090.63                |             |     |             |
| 14+50     | 1090.06                |             |     |             |
| 14+30 RT. | 16" MJ BFV, BO, 3" CAV |             |     |             |
| 14+00     | 1089.49                |             |     |             |

Mountain View Avenue

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
Sheet 3 of 20  
February, 1997

| Station  | Plan Elev. | Stake Elev. | Cut | Description |
|----------|------------|-------------|-----|-------------|
| 29+00 GB | 1111.77    |             |     |             |
| 28+50    | 1110.83    |             |     |             |
| 28+00    | 1109.89    |             |     |             |
| 27+50    | 1108.95    |             |     |             |
| 27+00    | 1108.01    |             |     |             |
| 26+50    | 1107.07    |             |     |             |
| 26+00    | 1106.13    |             |     |             |
| 25+50    | 1105.19    |             |     |             |
| 25+00    | 1104.25    |             |     |             |
| 24+50    | 1103.31    |             |     |             |
| 24+00 GB | 1102.37    |             |     |             |
| 23+50    | 1101.62    |             |     |             |
| 23+00    | 1100.86    |             |     |             |
| 22+50    | 1100.11    |             |     |             |
| 22+00    | 1099.35    |             |     |             |
| 21+50    | 1098.60    |             |     |             |
| 21+00    | 1097.84    |             |     |             |

Mountain View Avenue

**CITY OF SAN BERNARDINO  
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300 North "D" Street, Fifth Floor  
 San Bernardino, California 92418  
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EPA Superfund Project - Newmark OU  
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 Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station  | Plan Elev.             | Stake Elev. | Cut | Description |
|----------|------------------------|-------------|-----|-------------|
| 37+00    | 1120.85                |             |     |             |
| 36+50    | 1120.27                |             |     |             |
| 36+00    | 1119.69                |             |     |             |
| 35+50    | 1119.11                |             |     |             |
| 35+00    | 1118.53                |             |     |             |
| 34+50 GB | 1117.95                |             |     |             |
| 34+00    | 1116.96                |             |     |             |
| 33+50    | 1115.97                |             |     |             |
| 33+00    | 1114.98                |             |     |             |
| 32+70 RT | 16" MJ BFV, BO, 2" CAV |             |     |             |
| 32+50    | 1113.99                |             |     |             |
| 32+00 GB | 1113.00                |             |     |             |
| 31+50    | 1112.80                |             |     |             |
| 31+00    | 1112.59                |             |     |             |
| 30+50    | 1112.39                |             |     |             |
| 30+00    | 1112.18                |             |     |             |
| 29+50    | 1111.98                |             |     |             |

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Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station     | Plan Elev.             | Stake Elev. | Cut                  | Description |
|-------------|------------------------|-------------|----------------------|-------------|
| 44+50       | 1132.74                |             |                      |             |
| 44+42.49 RT | 16" MJ 90o Bend        |             | End 16" DL Mtn. View |             |
| 44+00       | 1131.99                |             |                      |             |
| 43+50       | 1131.25                |             |                      |             |
| 43+00       | 1130.50                |             |                      |             |
| 42+50       | 1129.76                |             |                      |             |
| 42+00       | 1129.01                |             |                      |             |
| 41+50       | 1128.27                |             |                      |             |
| 41+00 GB    | 1127.52                |             |                      |             |
| 40+50       | 1125.65                |             |                      |             |
| 40+00       | 1123.77                |             |                      |             |
| 39+50 GB    | 1121.89                |             |                      |             |
| 39+00       | 1121.78                |             |                      |             |
| 38+50       | 1121.66                |             |                      |             |
| 38+40 LT    | 24" MJ BFV, BO, 3" CAV |             |                      |             |
| 38+00       | 1121.55                |             |                      |             |
| 37+50 GB    | 1121.43                |             |                      |             |

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Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station | Plan Elev. | Stake Elev. | Cut | Description |
|---------|------------|-------------|-----|-------------|
| 53+00   | 1145.40    |             |     |             |
| 52+50   | 1144.65    |             |     |             |
| 52+00   | 1143.91    |             |     |             |
| 51+50   | 1143.16    |             |     |             |
| 51+00   | 1142.42    |             |     |             |
| 50+50   | 1141.67    |             |     |             |
| 50+00   | 1140.93    |             |     |             |
| 49+50   | 1140.18    |             |     |             |
| 49+00   | 1139.44    |             |     |             |
| 48+50   | 1138.70    |             |     |             |
| 48+00   | 1137.95    |             |     |             |
| 47+50   | 1137.21    |             |     |             |
| 47+00   | 1136.46    |             |     |             |
| 46+50   | 1135.72    |             |     |             |
| 46+00   | 1134.97    |             |     |             |
| 45+50   | 1134.23    |             |     |             |
| 45+00   | 1133.48    |             |     |             |

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EPA Superfund Project - Newmark OU  
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| Station  | Plan Elev. | Stake Elev. | Cut | Description         |
|----------|------------|-------------|-----|---------------------|
| 61+00    | 1158.62    |             |     |                     |
| 60+50    | 1157.97    |             |     |                     |
| 60+00    | 1157.32    |             |     |                     |
| 59+50    | 1156.67    |             |     |                     |
| 59+00 GB | 1156.02    |             |     |                     |
| 58+50    | 1154.99    |             |     |                     |
| 58+40 RT |            |             |     | 24" MJ BFV, BO, CAV |
| 58+00    | 1153.97    |             |     |                     |
| 57+50    | 1152.94    |             |     |                     |
| 57+00    | 1151.92    |             |     |                     |
| 56+50    | 1150.89    |             |     |                     |
| 56+00 GB | 1149.87    |             |     |                     |
| 55+50    | 1149.12    |             |     |                     |
| 55+00    | 1148.38    |             |     |                     |
| 54+50    | 1147.63    |             |     |                     |
| 54+00    | 1146.89    |             |     |                     |
| 53+50    | 1146.14    |             |     |                     |

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Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station      | Plan Elev. | Stake Elev. | Cut | Description |
|--------------|------------|-------------|-----|-------------|
| 67+00        | 1166.61    |             |     |             |
| 66+60 GB     | 1166.01    |             |     |             |
| 66+50        |            |             |     |             |
| 66+49.90 EC  |            |             |     |             |
| 66+03.00 PRC | BO         |             |     |             |
| 66+00 GB     | 1160.50    |             |     |             |
| 65+69 LT     | 1" ARV     |             |     |             |
| 65+56.10 BC  |            |             |     |             |
| 65+50 GB     | 1164.47    |             |     |             |
| 65+00        | 1163.82    |             |     |             |
| 64+50        | 1163.17    |             |     |             |
| 64+00        | 1162.52    |             |     |             |
| 63+50        | 1161.87    |             |     |             |
| 63+00        | 1161.22    |             |     |             |
| 62+50        | 1160.57    |             |     |             |
| 62+00        | 1159.92    |             |     |             |
| 61+50        | 1159.27    |             |     |             |

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| Station  | Plan Elev. | Stake Elev. | Cut | Description                              |
|----------|------------|-------------|-----|--|
| 99+00 GB | 1215.05    |             |     |  |
| 98+50    | 1214.62    |             |     |  |
| 98+40    |            |             |     | 20" MJ BFV                               |
| 98+30 LT |            |             |     | 3" CAV, 24"x20" MJ ECC REDUCER, END PIPE |
| 98+00    | 1214.19    |             |     |  |
| 97+50    | 1213.76    |             |     |  |
| 97+00    | 1213.33    |             |     |  |
| 96+50    | 1212.90    |             |     |  |
| 96+00 GB | 1212.47    |             |     |  |
| 95+50    | 1211.67    |             |     |  |
| 95+00    | 1210.88    |             |     |  |
| 94+50    | 1210.08    |             |     |  |
| 94+00    | 1209.29    |             |     |  |
| 93+50    | 1208.49    |             |     |  |
| 93+00    | 1207.70    |             |     |  |
| 92+50    | 1206.90    |             |     |  |
| 92+00 GB | 1206.11    |             |     |  |

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| Station  | Plan Elev. | Stake Elev. | Cut | Description |
|----------|------------|-------------|-----|-------------|
| 75+00    | 1180.43    |             |     |             |
| 74+50    | 1179.66    |             |     |             |
| 74+00 GB | 1178.90    |             |     |             |
| 73+50    | 1177.95    |             |     |             |
| 73+00    | 1177.00    |             |     |             |
| 72+50    | 1176.05    |             |     |             |
| 72+00    | 1175.10    |             |     |             |
| 71+50    | 1174.15    |             |     |             |
| 71+00    | 1173.20    |             |     |             |
| 70+50    | 1172.25    |             |     |             |
| 70+00    | 1171.30    |             |     |             |
| 69+60 GB | 1170.54    |             |     |             |
| 69+50    | 1170.39    |             |     |             |
| 69+00    | 1169.63    |             |     |             |
| 68+50    | 1168.88    |             |     |             |
| 68+00    | 1168.12    |             |     |             |
| 67+50    | 1167.37    |             |     |             |

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EBC CONSULTANTS

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EPA Superfund Project - Newmark OU  
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| Station  | Plan Elev.          | Stake Elev. | Cut | Description |
|----------|---------------------|-------------|-----|-------------|
| 83+00 GB | 1191.80             |             |     |             |
| 82+50    | 1191.18             |             |     |             |
| 82+00    | 1190.56             |             |     |             |
| 81+50    | 1189.94             |             |     |             |
| 81+00    | 1189.32             |             |     |             |
| 80+50    | 1188.70             |             |     |             |
| 80+00 GB | 1188.08             |             |     |             |
| 79+50    | 1187.31             |             |     |             |
| 79+00    | 1186.55             |             |     |             |
| 78+50    | 1185.78             |             |     |             |
| 78+40 LT | 24" BFV, BO, 3" CAV |             |     |             |
| 78+00    | 1185.02             |             |     |             |
| 77+50    | 1184.25             |             |     |             |
| 77+00    | 1183.49             |             |     |             |
| 76+50    | 1182.72             |             |     |             |
| 76+00    | 1181.96             |             |     |             |
| 75+50    | 1181.19             |             |     |             |

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Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station | Plan Elev. | Stake Elev. | Cut | Description |
|---------|------------|-------------|-----|-------------|
| 91+50   | 1205.31    |             |     |             |
| 91+00   | 1204.52    |             |     |             |
| 90+50   | 1203.72    |             |     |             |
| 90+00   | 1202.93    |             |     |             |
| 89+50   | 1202.13    |             |     |             |
| 89+00   | 1201.34    |             |     |             |
| 88+50   | 1200.54    |             |     |             |
| 88+00   | 1199.75    |             |     |             |
| 87+50   | 1198.95    |             |     |             |
| 87+00   | 1198.16    |             |     |             |
| 86+50   | 1197.36    |             |     |             |
| 86+00   | 1196.57    |             |     |             |
| 85+50   | 1195.77    |             |     |             |
| 85+00   | 1194.98    |             |     |             |
| 84+50   | 1194.18    |             |     |             |
| 84+00   | 1193.39    |             |     |             |
| 83+50   | 1192.59    |             |     |             |

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South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station   | Plan Elev. | Stake Elev. | Cut | Description            |
|-----------|------------|-------------|-----|------------------------|
| 105+00    | 1221.90    |             |     |                        |
| 104+50    | 1221.48    |             |     |                        |
| 104+00    | 1221.06    |             |     |                        |
| 103+50    | 1220.64    |             |     |                        |
| 103+10    |            |             |     | 24"x20" MJ ECC REDUCER |
| 103+10 GB | 1220.30    |             |     |                        |
| 102+62 GB | 1216.80    |             |     |                        |
| 102+52 LT |            |             |     | BO                     |
| 102+30    |            |             |     | 20" MJ BFV             |
| 102+30 GB | 1218.99    |             |     |                        |
| 102+20 LT |            |             |     | CAV                    |
| 102+00    | 1218.63    |             |     |                        |
| 101+50    | 1218.04    |             |     |                        |
| 101+00    | 1217.44    |             |     |                        |
| 100+50    | 1216.85    |             |     |                        |
| 100+00    | 1216.25    |             |     |                        |
| 99+50     | 1215.66    |             |     |                        |

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 Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station   | Plan Elev. | Stake Elev. | Cut | Description |
|-----------|------------|-------------|-----|-------------|
| 112+00    | 1231.07    |             |     |             |
| 111+50    | 1230.56    |             |     |             |
| 111+00    | 1230.05    |             |     |             |
| 110+50    | 1229.54    |             |     |             |
| 110+00    | 1229.03    |             |     |             |
| 109+50    | 1228.52    |             |     |             |
| 109+37 GB | 1228.39    |             |     |             |
| 109+00    | 1227.64    |             |     |             |
| 108+63.5  |            |             |     | 45o MJ BEND |
| 108+50    | 1226.62    |             |     |             |
| 108+00    |            |             |     | 45o MJ BEND |
| 108+00    | 1225.61    |             |     |             |
| 107+50    | 1224.59    |             |     |             |
| 107+00 GB | 1223.58    |             |     |             |
| 106+50    | 1223.16    |             |     |             |
| 106+00    | 1222.74    |             |     |             |
| 105+50    | 1222.32    |             |     |             |

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Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station              | Plan Elev.       | Stake Elev. | Cut | Description |
|----------------------|------------------|-------------|-----|-------------|
| 13+00 RT             | CAV              |             |     |             |
| 13+00 GB             | 1234.03          |             |     |             |
| 12+50                | 1234.08          |             |     |             |
| 12+00                | 1234.13          |             |     |             |
| 11+50                | 1234.18          |             |     |             |
| 11+00                | 1234.23          |             |     |             |
| 10+50                | 1234.28          |             |     |             |
| 10+40 join           | 1234.29          |             |     |             |
| Marshall Blvd.       |                  |             |     |             |
| 115+16 RT            | 90° BEND, 3" CAV |             |     |             |
| 115+16 join          | 1234.29          |             |     |             |
| 115+00               | 1234.13          |             |     |             |
| 114+50               | 1233.62          |             |     |             |
| 114+00               | 1233.11          |             |     |             |
| 113+50               | 1232.60          |             |     |             |
| 113+00               | 1232.09          |             |     |             |
| 112+50               | 1231.58          |             |     |             |
| Mountain View Avenue |                  |             |     |             |

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| Station        | Plan Elev. | Stake Elev.    | Cut | Description |
|----------------|------------|----------------|-----|-------------|
| 19+00          | 1236.60    |                |     |             |
| 18+50          | 1235.44    |                |     |             |
| 18+00 GB       | 1234.28    |                |     |             |
| 17+50          | 1233.18    |                |     |             |
| 17+00          | 1232.08    |                |     |             |
| 16+60 GB       | 1231.20    |                |     |             |
| 16+50          | 1231.16    |                |     |             |
| 16+10          |            | 45o MJ BEND    |     |             |
| 16+00          | 1230.96    |                |     |             |
| 15+87          |            | 45o MJ BEND    |     |             |
| 15+50          | 1230.76    |                |     |             |
| 15+40 RT       |            | 24" MJ BFV, BO |     |             |
| 15+40 GB       | 1230.72    |                |     |             |
| 15+00          | 1231.27    |                |     |             |
| 14+50          | 1231.96    |                |     |             |
| 14+00          | 1232.65    |                |     |             |
| 13+50          | 1233.34    |                |     |             |
| Marshall Blvd. |            |                |     |             |

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| Station        | Plan Elev. | Stake Elev. | Cut | Description |
|----------------|------------|-------------|-----|-------------|
| 27+00          | 1240.95    |             |     |             |
| 26+50          | 1240.75    |             |     |             |
| 26+00          | 1240.55    |             |     |             |
| 25+50          | 1240.35    |             |     |             |
| 25+00          | 1240.15    |             |     |             |
| 24+50          | 1239.95    |             |     |             |
| 24+00          | 1239.75    |             |     |             |
| 23+50          | 1239.55    |             |     |             |
| 23+00          | 1239.35    |             |     |             |
| 22+50          | 1239.15    |             |     |             |
| 22+00          | 1238.95    |             |     |             |
| 21+50          | 1238.75    |             |     |             |
| 21+00          | 1238.55    |             |     |             |
| 20+50          | 1238.35    |             |     |             |
| 20+00          | 1238.15    |             |     |             |
| 19+60 GB       | 1237.99    |             |     |             |
| 19+50          | 1237.76    |             |     |             |
| Marshall Blvd. |            |             |     |             |

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| Station               | Plan Elev. | Stake Elev.  | Cut | Description |
|-----------------------|------------|--------------|-----|-------------|
| 6+50                  | 1235.35    |              |     |             |
| 6+20 GB               | 1234.81    |              |     |             |
| 6+00                  | 1234.55    |              |     |             |
| 5+50                  | 1233.91    |              |     |             |
| 5+00                  | 1233.27    |              |     |             |
| 4+50                  | 1232.63    |              |     |             |
| 4+00                  | 1231.99    |              |     |             |
| 3+50                  | 1231.35    |              |     |             |
| 3+15 RT               |            | 90o BEND, BO |     |             |
| 3+15                  | 1230.90    |              |     |             |
| <b>Leroy Street</b>   |            |              |     |             |
| 29+52                 |            | 90o BEND     |     |             |
| 29+52 join            | 1241.96    |              |     |             |
| 29+00                 | 1241.75    |              |     |             |
| 28+50                 | 1241.55    |              |     |             |
| 28+00                 | 1241.35    |              |     |             |
| 27+50                 | 1241.15    |              |     |             |
| <b>Marshall Blvd.</b> |            |              |     |             |

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EPA Superfund Project - Newmark OU  
South Plant Pipeline  
Mountain View Avenue, Marshall Blvd., Leroy Street  
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| Station      | Plan Elev.          | Stake Elev. | Cut | Description |
|--------------|---------------------|-------------|-----|-------------|
| 13+00        | 1134.22             |             |     |             |
| 12+50        | 1134.49             |             |     |             |
| 12+00        | 1134.76             |             |     |             |
| 11+50        | 1135.03             |             |     |             |
| 10+98.30     | 16"x16" MJ x FL TEE |             |     |             |
| 10+98.30 GB  | 1135.31             |             |     |             |
| 10+50        | 1133.77             |             |     |             |
| 10+14        | 1132.62             |             |     |             |
| 17th Street  |                     |             |     |             |
| 10+11        | 1241.96             |             |     |             |
| 10+00        | 1241.76             |             |     |             |
| 9+50         | 1240.84             |             |     |             |
| 9+00         | 1239.93             |             |     |             |
| 8+50         | 1239.01             |             |     |             |
| 8+00         | 1238.10             |             |     |             |
| 7+50         | 1237.18             |             |     |             |
| 7+00         | 1236.27             |             |     |             |
| Leroy Street |                     |             |     |             |

**CITY OF SAN BERNARDINO  
MUNICIPAL WATER DEPARTMENT**

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| Station        | Plan Elev. | Stake Elev. | Cut | Description |
|----------------|------------|-------------|-----|-------------|
| 15+02 (49' RT) | 90o BEND   |             |     |             |
| 15+02 (49' RT) | 1133.60    |             |     |             |
| 15+02          | 90o BEND   |             |     |             |
| 15+02          | 1133.68    |             |     |             |
| 14+50          | 1133.78    |             |     |             |
| 14+00          | 1133.88    |             |     |             |
| 13+50          | 1133.98    |             |     |             |
| 13+40 GB       | 1134.00    |             |     |             |
| 17th Street    |            |             |     |             |