

**CITY OF SAN ANTONIO
INTERDEPARTMENTAL MEMORANDUM
PUBLIC WORKS DEPARTMENT**

TO: Mayor and City Council

FROM: Thomas G. Wendorf, P.E., Director of Public Works

THROUGH: Terry M. Brechtel, City Manager

COPIES: Melissa Byrne Vossmer; Andrew Martin; Peter Zaroni; Milo D. Nitschke; file

SUBJECT: Pleasanton Road – Gillette to Loop 410, Field Alteration Number 1

DATE: June 10, 2004

SUMMARY AND RECOMMENDATIONS

This Ordinance approves Field Alteration Number 1, in the amount of \$46,308.96, payable to San Antonio Constructors, Ltd. (SAC) in connection with the Pleasanton Road – Gillette to Loop 410 project, an authorized 1999-2004 General Obligation Street Improvement Bond funded project located in Council District 3.

Staff recommends approval of this Ordinance.

BACKGROUND INFORMATION

This project reconstructs Pleasanton Road from Gillette to Loop 410 and provides for a three lane, 40-foot wide street section with two 5-foot wide bike lanes, as well as underground drainage. It also includes the addition of 4-foot sidewalks, curbs, and driveway approaches.

This Ordinance authorizes Field Alteration Number 1, in the amount of \$46,308.96 resulting from downtime charges and delays in storm drain installation, and adds twenty (20) additional working days. During the installation of the 48-foot and 30-foot Storm Drainage System, SAC encountered large amounts of solid rock. However, the engineering geo-technical bore reports indicated only small areas of rock and hard clay. This resulted in SAC having to stop operation in order to mobilize heavier equipment to excavate the solid rock. Considerable production time was lost during the excavation, which slowed down the process in laying the new storm drain.

This construction contract was originally approved by City Council on March 27, 2003 through Ordinance Number 97360 for the initial amount of \$1,716,565.45. Subsequently, SAWS Field Alteration Number 1 in the amount of \$32,612.19, approved on April 29, 2004 through Ordinance Number 99112, increased the amount of this contract to \$1,749,177.64. This Ordinance will increase the total amount approved for this contract to \$1,795,486.60.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Council policy to complete previously approved 1999-2004 General Obligation Street Improvement Bond funded Capital Improvement Projects.

FISCAL IMPACT

This is a one-time capital improvement expenditure within budget and included in the FY 04-09 Capital Improvement Program Budget. Funds in the amount of \$46,308.96 are available from construction contingency funds and are authorized payable to San Antonio Constructors, Ltd.

COORDINATION

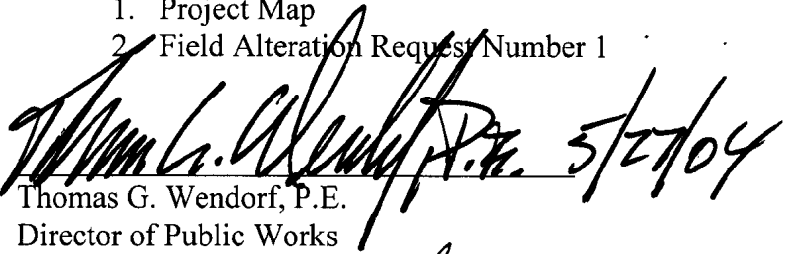
This action was coordinated with the Office of Management and Budget and the Finance Department.

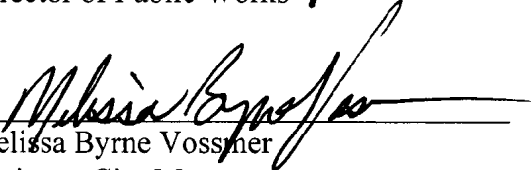
SUPPLEMENTARY COMMENTS

This contract was developed using the formal competitive bid process; therefore, a Discretionary Contracts Disclosure Form is not required.

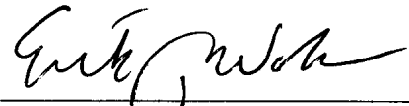
ATTACHMENTS

1. Project Map
2. Field Alteration Request Number 1


Thomas G. Wendorf, P.E.
Director of Public Works


Melissa Byrne Vossmer
Assistant City Manager

APPROVED:


Terry M. Brechtel
City Manager

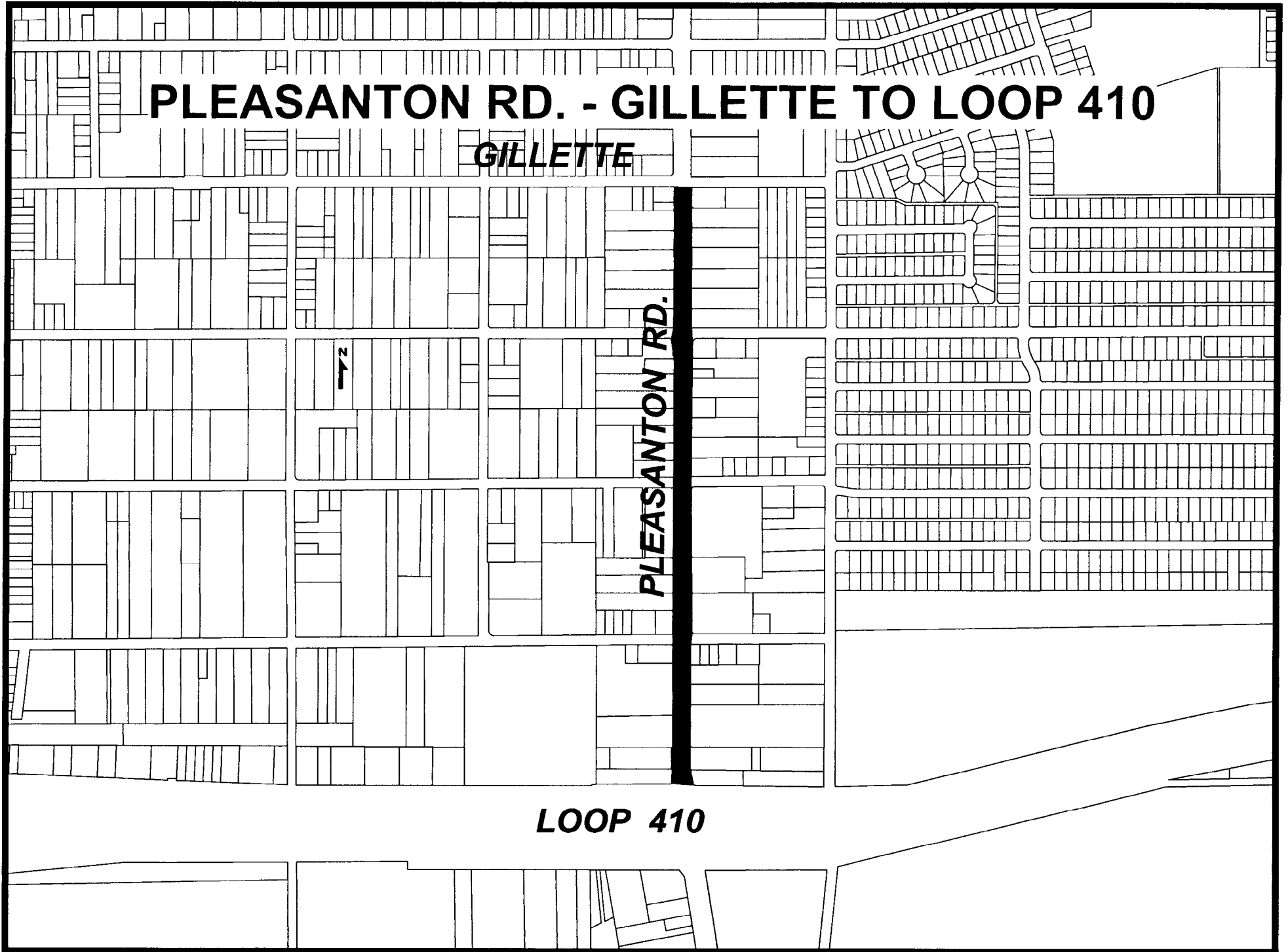
PLEASANTON RD. - GILLETTE TO LOOP 410

GILLETTE

PLEASANTON RD.

LOOP 410

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RECEIVED

MAY 20

FORM PW - 15
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ONE (1) COPY

CITY OF SAN ANTONIO
DEPARTMENT OF PUBLIC WORKS
FIELD ALTERATION REQUEST

Date: May 20, 2004Field Alteration No. CONS. INSP. PW-1Project Name (as shown on the Work Project Authorization) 2004 MAY 24 PM 2:28

PLEASANTON ROAD - GILLETTE TO LOOP 410

The revision or amendment described below to the work originally or previously specified is hereby requested, including all changes in costs. (Describe work to be added or deleted. Attach revised plan sheet affected or drawings as required):

Provide payment to San Antonio Constructors for the downtime charges and delays caused by the unforeseen conflict between the existing solid rock strata and the new proposed Storm Drainage system on Pleasanton road from Sta. 22+00.00 to Sta. 26+17.00 (417.00 linear feet). Total Costs to include Mobilized equipment and personnel = \$46,308.96 Lump Sum (See Attachments)

Justification for proposed alteration (description in detail as to why this work is to be added or deleted - use attachments if necessary):

During the installation of the 48" and 30" Storm drainage system on Pleasanton Road, the Contractor encountered solid rock in the excavation. The Engineering Geo-technical bore reports detected small areas of rock and hard clay, however, the existence of the solid rock stratum was unknown until the contractor excavated the area to lay the storm drain line. Contractor was forced to stop his operation and mobilize much heavier equipment to deal with the rock excavation. Considerable production time in laying of the new storm drain line was lost due to the slow process in breaking up the rock down to the pipe bedding.

Resulting change in contract cost by this Field Alteration:

\$46,308.96☒ Increase☐ Decrease

(attach summary)

Resulting in an: ☒ Increase ☐ Decrease 20 ☒ Working Day ☐ Calendar Day

(To be negotiated by the Contractor and the City.)

Requested by:

City of San Antonio - Public Works

City, Consulting Engineer/Architect, Other
(Please Specify)

By:

*Gracie Cantu*5/20/04

Date:

Title: Gracie Cantu - Vice PresidentFirm: San Antonio Constructors, LTD

Contractor (type in full name)

Recommended

Others: (If required; i.e., City Dept., S.A.W.S., etc) Date:

Consultant (Project Engr/Arch Only) Date:

Firm: Turner, Collie & Braden, Inc.

Samuel Hutchins IV 5/21/04
Samuel Hutchins IV, P.E.
Project Manager

Walter E. Childs Date:

Construction Inspections Manager

Razi S. Hosseini 5/20/04
Razi S. Hosseini, P.E.
Assistant City Engineer

William E. Krause
Capital Programs Manager

Date: 5/20/04

Douglas W. Yerkes, Ph.D., P.E.
City Engineer

APPROVED:

Terry M. Brechtel
City Manager

Date:

Thomas G. Wendorf, P.E.
Director of Public Works

FOR CITY USE ONLY:

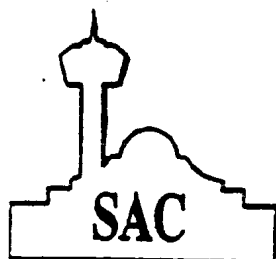
Professional Services Fees for this Field Alterations are ☐ eligible ☐ ineligible

Original Contract Amt. \$ 1,716,545.45
Previous Approved FAs \$ 32,612.19
This Field Alteration \$ 46,308.96
Total \$ 1,795,466.60

Const. Contg. Fund \$ 155,215.00
Previous Approved FA \$ 0.00
This Field Alteration \$ 46,308.96
Total Field Alterations \$ 46,308.96
Balance Fund 45 \$ 108,906.04

Ord. No. 97360 3/27/03

SAN ANTONIO CONSTRUCTORS, LTD.



Roy Q. Heath
President

Gracie Cantu
Vice President
Secretary/Treasurer

FACSIMILE

DATE: 03/04/04

ATTN.: Sam Hutchins IV, P.E.
Company: City of San Antonio
Address: 114 W. Commerce
San Antonio, Texas 78205
Phone No.: (210)207-6940
Fax No.: (210)207-7196

PAGE: 1 OF 2

PROJECT: Pleasanton Rd. - Gillette to Loop 410

RFP 2004-01Revised

Reference: Down Time due to Rock Encountering

Requested By: San Antonio Constructors, Ltd.

Justification: During the excavation of the storm drainage on Pleasanton Road, we encountered substantial amounts of rock. The boe logs that were provided indicated that the area was mostly hard clay and small traces of rock.

From Sta. 22+00.00 to 26+17.00, the rock went from small traces to solid after a depth of 6' below existing ground and continued to the flow line elevation of the storm drain. We were forced to mobilize a track backhoe and rubber tire backhoe; both with a hydraulic breaker attachment. This equipment was necessary in order to complete the excavation for the proper elevation of the storm drain.

Due to the conflict with the rock, the production of laying the storm drainage pipe went from 64 linear feet (Sta. 12+00.00 to 22+00.00) to only 16 linear feet (Sta. 22+00.00 to 26+17.00) per day. This decrease in production raised the labor and equipment cost, caused losses in revenue per day, and hindered the working days for the project completion.

We are requesting compensation for the "Down Time" caused by the excessive amount of rock on the project. Here is the break down for the labor, equipment, and material per day.

LABOR	DESCRIPTION	UNIT	QTY.	RATE	EXTENSION
1	Project Manager	HR	2.00	\$ 38.00	\$ 76.00
1	Surveyor	HR	2.00	\$ 18.75	\$ 37.50
1	Foreman	HR	2.00	\$ 25.00	\$ 50.00
2	Operators	HR	4.00	\$ 25.00	\$ 100.00
2	Pipelayers	HR	4.00	\$ 17.85	\$ 71.40
2	Utility Labors	HR	4.00	\$ 15.16	\$ 60.64
2	Drivers	HR	4.00	\$ 14.25	\$ 57.00
	Total Labor				\$ 452.54

EQUIPMENT	DESCRIPTION	UNIT	QTY.	RATE	EXTENSION
2	Track Backhoe	HR	4.00	\$ 115.00	\$ 460.00
1	Loader	HR	2.00	\$ 75.00	\$ 150.00
2	Backhoe	HR	4.00	\$ 65.00	\$ 260.00
1	Sheepfoot Compactor	HR	2.00	\$ 45.00	\$ 90.00
2	Hoe Ram Attachments	HR	4.00	\$ 20.00	\$ 80.00
2	Utility Trucks	HR	4.00	\$ 10.50	\$ 42.00
2	Dump Trucks	HR	4.00	\$ 65.00	\$ 260.00
1	Service Truck	HR	3.00	\$ 35.00	\$ 105.00
	Total Equipment				\$ 1,447.00

MATERIAL	DESCRIPTION	UNIT	QTY.	RATE	EXTENSION
1	Barricades	DAY	1.00	\$ 30.00	\$ 30.00
	Total Material				\$ 30.00

Total Cost for Labor, Equipment, & Material per Day:	DAY	20.00	\$ 1,929.54	\$ 38,590.80
Profit & Overhead:	L.S.	1.00	\$ 7,718.16	\$ 7,718.16
Total Cost for Down Time:				\$ 46,308.96

Additional Working Days Required:

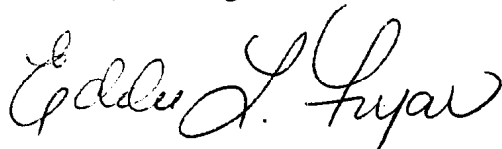
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Submitted By:

Eddie L. Fryar

Project Manager/Estimator

Signed:



c.c.:

Robert Diaz, Inspection Supervisor

John Barrera, Project Inspector