

**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; Andrew W. Cameron; Louis A. Lendman; Milo D. Nitschke; file

SUBJECT: St. Francis – Dowdy to Probandt - Field Alteration No. 7 - Final

DATE: December 18, 2003

SUMMARY AND RECOMMENDATIONS

This Ordinance approves the City of San Antonio Field Alteration No. 7 - Final in the reduced amount of \$44,202.20 to the contract of San Antonio Constructors, Ltd., for St. Francis – Dowdy to Probandt, an authorized Community Development Block Grant (CDBG) project located in Council District 5. The project has been completed, and the reconciliation between the final quantities and the contracted quantities has been completed resulting in a decrease of \$44,202.20 in the total contract amount.

Staff recommends approval of this Ordinance.

BACKGROUND INFORMATION

The construction contract was approved by City Council on March 7, 2002, by Ordinance Number 95397 and initially authorized \$668,342.00 for construction services related to this project. Previously approved Field Alterations totaling \$174,007.06 increased the total contract award to \$842,349.06. This Council action approves the deduction of \$44,202.00 to the contract amount and reflects the reconciliation of unit quantities completed and accepted and will adjust the final contract amount to \$798,146.86.

The Project construction has been completed and provided for the reconstruction of St. Francis from Dowdy to Probandt to a typical 30-foot wide, 2-lane street section. The project also included the construction of sidewalks, curbs and driveway approaches and underground storm drainage.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Policy regarding project closeout.

FISCAL IMPACT

This item will reduce the construction contract in the amount of \$44,202.20.

COORDINATION

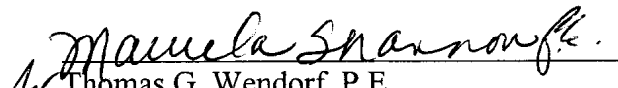
This action was coordinated with the Office of Management and Budget, and the Housing and Community Development and Finance Departments.

SUPPLEMENTARY COMMENTS

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

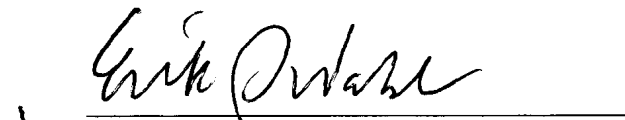
ATTACHMENTS

1. Field Alteration Request No. 7 - Final


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


Melissa Byrne Vossmer
Assistant City Manager

APPROVED:


for Terry M. Breehtel
City Manager

CITY OF SAN ANTONIO
DEPARTMENT OF PUBLIC WORKS
FIELD ALTERATION REQUEST

Date: November 3, 2003

RECEIVED Field Alteration No. PW - 7 (FINAL)

Project Name (as shown on the Work Project Authorization):

NOV 6 REC'D 12:45 PM 2003 NOV 14 PM 12:45

St. Francis - Dowdy to Probandt

CONST. INSP.

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

Final recapitulation of contract quantities.

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

To adjust for final quantities.

Resulting change in contract cost by this Field Alteration: \$ (44202.20) ☐ Increase (Attach summary)
☒ Decrease (Attach summary)

Resulting in an: ☐ Increase ☐ Working Days (To be negotiated by the Contractor and the City)
☐ Decrease 0 ☐ Calendar Days (To be negotiated by the Contractor and the City)
Dwy

Requested By:

City of San Antonio
City, Consulting Engineer/Architect, Other (please specify)

By: Gracie Cantu 11/10/03
Date

Title: Vice President

San Antonio Constructors, Ltd.
Contractor (type in full name)

RECOMMENDED:

Jaime Garcia, P.E. Nov. 3, 2003
Consultant (Project Engr/Arch Only) Date
Firm: Garcia Engineers

David E. Matney 11-13-05
David Matney, P.E. Date
Project Manager

L. O. Cervantes, P.E. 11-17-03
William E. Krause Date
Capital Programs Manager

Others: (if required: i.e., City Dept., SAWS, etc.) Date

Walter E. Childs 11/7/03
Walter E. Childs Date
Construction Inspections Manager

Razi S. Hosseini, P.E. 11/13/03
Razi S. Hosseini, P.E. Date
Assistant City Engineer

Douglas W. Yerkes, Ph.D., P.E. 11/24/03
Douglas W. Yerkes, Ph.D., P.E. Date
City Engineer

APPROVED:

Dwy 11/24/03
Terry M. Brechtel, Date
City Manager

Thomas G. Wendorf, P.E. 11/24/03
Thomas G. Wendorf, P.E. Date
Director of Public Works

FOR CITY USE ONLY:

Professional Services Fees for this Field Alteration are: ☐ eligible ☐ not eligible

Original Contract Amt. \$ 668,342.00
Previous Approved FAs \$ 174,007.06
This Field Alteration \$ <44,202.20>
Total \$ 798,146.86

Constr. Contg. Fund \$ 164,793.73 (M)
Previous Approved FAs \$ 147,595.52
This Field Alteration \$ <44,202.20>
Total Field Alterations \$ 103,393.32 (M)
Balance \$ 61,400.41

Ord. No. 395397 3/7/02

Field Alteration No. PW - 7 (FINAL)

St. Francis - Dowdy to Probandt

November 3, 2003

PROJECT: ST. FRANCIS - DOWDY TO PROBANDT

CONTRACTOR: San Antonio Constructors, Ltd. Tel.: (210) 681-0211 Fax: (210) 681-8880
P.O. Box 682008
San Antonio, Texas 78268 - 2008

ENGINEER: GARCIA ENGINEERS Tel.: (210) 490-7288 Fax: (210) 494-7526
P.O. Box 700266
San Antonio, TX 78270-0266

**RECAPITULATION OF BASE CONTRACT SHOWING
VARIATION OF FINAL QUANTITIES FROM ORIGINAL QUANTITIES**

| COSA Item No. | Description | Unit | Original Quantity | Unit Price | Final Quantity | Changes in Contract Cost |
|---------------------|--|------------|-------------------|------------|----------------|--------------------------|
| PUBLIC WORKS | | | | | | |
| 100 | Mobilization | L.S. | 1.00 | 30859.00 | 1.00 | 0.00 |
| 100.1 | Insurance & Bond | L.S. | 1.00 | 7714.00 | 1.00 | 0.00 |
| 101 | Preparing Right-of-Way | L.S. | 1.00 | 15429.12 | 1.00 | 0.00 |
| 103.1 | Remove Concrete Curb | L.F. | 1896.00 | 0.50 | 2104.20 | 104.10 |
| 103.2 | Remove Conc. Sidewalks and Driveways | S.F. | 12334.00 | 0.50 | 11053.47 | -640.27 |
| 104 | Street Excavation | C.Y. | 2966.00 | 4.00 | 2966.00 | 0.00 |
| 107 | Embankment | C.Y. | 40.00 | 5.00 | 40.00 | 0.00 |
| 108.1 | Lime Treat. Subgr.(6") | S.Y. | 7812.00 | 1.00 | 8074.59 | 262.59 |
| 108.2 | Lime | Ton | 79.00 | 80.00 | 80.64 | 131.20 |
| 110.2.1 | Transportation to Disposal Facility | Truck C.Y. | 2500 C.Y. | 10.00 | 2500.00 | 0.00 |
| 110.2.2 | Landfill Disposal | Truck | 2500 C.Y. | 8.00 | 2500.00 | 0.00 |
| 110.5.1 | Development and Implementation of a Site Specific Health and Safety Plan | L.S. | 1.00 | 3000.00 | 1.00 | 0.00 |
| 203 | Tack Coat | Gal. | 1487.00 | 2.00 | 830.05 | -1313.90 |
| 205.1 | HMAC-B (2.5") | S.Y. | 561.00 | 5.75 | 603.04 | 241.73 |
| 205.3 | HMAC-D (1.5") | S.Y. | 6486.00 | 4.10 | 6711.00 | 922.50 |
| 206 | Asphalt Treat. Base (6" Thick) | S.Y. | 7812.00 | 9.10 | 8074.59 | 2389.57 |
| 300.1 | Conc. "A" (Inlets) | C.Y. | 20.00 | 425.00 | 16.38 | -1538.50 |
| 300.1 | Conc. "A" (Junction Boxes) | C.Y. | 20.00 | 425.00 | 18.02 | -841.50 |
| 300.1 | Conc. "A" (Dwy. Ret. Walls) | C.Y. | 65.00 | 495.00 | 1.24 | -31561.20 |
| 300.2 | Conc. Class "B" | C.Y. | 12.00 | 400.00 | 0.00 | -4800.00 |
| 301 | Reinforcing Steel | LB. | 5795.00 | 0.40 | 5225.00 | -228.00 |
| 306 | Structural Excavation | C.Y. | 142.00 | 4.00 | 142.00 | 0.00 |

| COSA Item No. | Description | Unit | Original Quantity | Unit Price | Final Quantity | Changes in Contract Cost |
|--------------------------------|---------------------------------------|---------|-------------------|------------|----------------|--------------------------|
| 401.1 | 24" SD Pipe, RCP, Laterals | L.F. | 27.00 | 39.00 | 28.00 | 39.00 |
| 401.1 | 36" SD Pipe, RCP, 0'-6' Cut | L.F. | 163.00 | 45.00 | 173.90 | 490.50 |
| 403 | SS MH's & JB's, Stage II Constr. | V.F. | 4.00 | 95.00 | 2.25 | -166.25 |
| 409 | Cast Iron Castings | LBS. | 1560.00 | 0.40 | 1560.00 | 0.00 |
| 410.2 | Gravel Subgrade Filler | C.Y. | 37.00 | 19.00 | 10.88 | -496.28 |
| 501 | Machine Laid Curb | L.F. | 3846.00 | 4.50 | 4107.00 | 1174.50 |
| 502.1 | Concrete Sidewalks | S.Y. | 1432.00 | 22.00 | 1346.34 | -1884.52 |
| 502.2 | Concrete Driveways | S.Y. | 1213.00 | 23.00 | 1441.65 | 5258.95 |
| 502.3 | Commercial Driveway | S.Y. | 26.00 | 29.00 | 19.42 | -190.82 |
| 503.1 | Asphaltic Conc. Dwys. | S.Y. | 17.00 | 30.00 | 71.28 | 1628.40 |
| 503.2 | Gravel Driveways | S.Y. | 89.00 | 20.00 | 154.94 | 1318.80 |
| 506.1 | Conc. Ret. Walls - Comb. Type | C.Y. | 10.00 | 500.00 | 12.53 | 1265.00 |
| 507.1 | Chain Link Wire Fence (4') | L.F. | 250.00 | 12.50 | 66.66 | -2291.75 |
| 507.2 | Chain Link Wire Fence (6') | L.F. | 200.00 | 14.50 | 0.00 | -2900.00 |
| 507.4 | Gates - Pedestrian | Ea. | 16.00 | 195.00 | 3.00 | -2535.00 |
| 507.5 | Gates - Vehicular | Opng. | 16.00 | 495.00 | 21.00 | 2475.00 |
| 508 | Relocating Wire Fence | L.F. | 200.00 | 4.50 | 110.00 | -405.00 |
| 515 | Topsoil | C.Y. | 166.00 | 12.00 | 178.08 | 144.96 |
| 516.2 | St. Augustine Sodding | S.Y. | 1465.00 | 3.25 | 1623.15 | 513.99 |
| 523.1 | Adj. Vehicular Gates | Opng. | 16.00 | 295.00 | 7.00 | -2655.00 |
| 523.2 | Adj. Pedestrian Gates | Ea. | 16.00 | 195.00 | 4.00 | -2340.00 |
| 524 | Concrete Steps | C.Y. | 13.00 | 500.00 | 3.43 | -4785.00 |
| 530 | Barricades, Signs, & Traffic Handling | Per Mo. | 9.00 | 800.00 | 9.00 | 0.00 |
| 531.03 | R1-1 Stop (30" x 30") | Ea. | 1.00 | 165.00 | 1.00 | 0.00 |
| 531.06 | R2-1 Speed Limit | Ea. | 2.00 | 165.00 | 2.00 | 0.00 |
| 531.59 | 9" Street Name Sign | Ea. | 2.00 | 135.00 | 2.00 | 0.00 |
| 541.00 | Curb Inlet Gravel Filters | L.F. | 120.00 | 10.00 | 40.00 | -800.00 |
| 546.00 | Gravel Filter Bags | L.F. | 48.00 | 9.00 | 22.00 | -234.00 |
| 550.00 | Trench Excavation Safety Protection | L.F. | 180.00 | 1.00 | 224.00 | 44.00 |
| SUBTOTAL - PUBLIC WORKS | | | | | | -44202.20 |
| | | | | | | |
| FA PW - 1 | | | | | | |
| 110.2.1 | Transportation to Disposal Facility | C.Y. | 1100.00 | 10.00 | 1100.00 | 0.00 |
| 110.2.2 | Landfill Disposal | C.Y. | 1100.00 | 8.00 | 1100.00 | 0.00 |
| 110.5.1 | Monitoring, Equipment, Testing | L.S. | 1.00 | 8900.00 | 1.00 | 0.00 |

| COSA Item No. | Description | Unit | Original Quantity | Unit Price | Final Quantity | Changes in Contract Cost |
|------------------|--|---------|----------------------|------------|----------------|--------------------------------|
| sp-1 | Import new fill, backfill, & compact | C.Y. | 2700.00 | 7.25 | 2700.00 | 0.00 |
| 530 | Barricades, Signs, & Traffic Handling | Per Mo. | 0.50 | 1500.00 | 0.50 | 0.00 |
| sp-2 | Profit & Overhead | L.S. | 1.00 | 9805.00 | 1.00 | 0.00 |
| | SUBTOTAL - FA PW - 1 | | | | | 0.00 |
| | | | | | | |
| FA PW - 2 | | | | | | |
| Sp-1 | Remove 22" Sycamore Tree at 257 St Francis | Each | 1.00 | \$ 1750.00 | 1.00 | 0.00 |
| Sp-2 | Remove 18" Pecan Tree at 259 St Francis | Each | 1.00 | 1500.00 | 1.00 | 0.00 |
| | Insurance & Bond (3%) | L.S. | 1.00 | 97.00 | 1.00 | 0.00 |
| | Profil & Overhead (20%) | L.S. | 1.00 | 650.00 | 1.00 | 0.00 |
| | SUBTOTAL - FA PW - 2 | | | | | 0.00 |
| | | | | | | |
| FA PW - 3 | | | | | | |
| Sp1 | Remove Existing Ornamental Gates | EA. | 2.00 | 170.00 | 2.00 | 0.00 |
| Sp2 | Excavate, Form and Pour C-Channel | EA. | 2.00 | 2290.00 | 2.00 | 0.00 |
| Sp3 | Backfill, Clean, and Haul Spoils | L.S. | 1.00 | 720.00 | 1.00 | 0.00 |
| Sp4 | Modify, Prime, Sand, Paint and Reinstall Existing Ornamental Gates | EA. | 2.00 | 900.00 | 2.00 | 0.00 |
| | SUBTOTAL - FA PW - 3 | | | | | 0.00 |
| | | | | | | |
| FA PW - 4 | | | | | | |
| 104 | Street Excavation | C.Y. | 189.00 | 11.39 | 189.00 | 0.00 |
| 108.1 | Lime Treatment for Subgrade (6" Comp. Depth) | S.Y. | 680.00 | 2.98 | 680.00 | 0.00 |
| 108.2 | Lime (20 lbs/sy) | Ton | 6.80 | 132.57 | 6.80 | 0.00 |
| 203 | Tack Coat (0.1 gal/sy) | Gal. | 68.00 | 2.50 | 68.00 | 0.00 |
| 205.1 | 2.5" HMAc, Type B | S.Y. | 680.00 | 5.55 | 680.00 | 0.00 |
| 205.3 | 1.5" HMAc, Type D | S.Y. | 680.00 | 5.97 | 680.00 | 0.00 |
| 206 | Asphalt Treated Base (6" Comp. Depth) | S.Y. | 680.00 | 11.16 | 680.00 | 0.00 |
| 530 | Barricades, Signs, and Traffic Handling | Month | 1.00 | 1336.63 | 1.00 | 0.00 |
| Sp | Profit and Overhead | L.S. | 0.20 | 22009.62 | 0.20 | 0.00 |
| | SUBTOTAL - FA PW - 4 | | | | | 0.00 |
| | | | | | | |
| FA PW - 5 | | | | | | |
| 506 Special | Retaining Wall | C.Y. | 1.50 | 1000.00 | 1.50 | 0.00 |
| 515 | Topsoil | C.Y. | 3.00 | 12.00 | 3.00 | 0.00 |

| COSA Item No. | Description | Unit | Original Quantity | Unit Price | Final Quantity | Changes in Contract Cost |
|----------------|---|------|-------------------|------------|----------------|--------------------------|
| | SUBTOTAL - FA PW - 5 | | | | | 0.00 |
| | | | | | | |
| FA PW - 6 | | | | | | |
| 101.1 | Insurance and Bond | L.S. | 1.00 | 64.98 | 1.00 | 0.00 |
| 535-A | Thermoplastic 4"Yellow Line | L.F. | 340.00 | 3.60 | 340.00 | 0.00 |
| 535-B | Thermoplastic 4"White Line | L.F. | 90.00 | 3.60 | 90.00 | 0.00 |
| 537 | Type I-C Pvmnt Marker | Each | 6.00 | 12.00 | 6.00 | 0.00 |
| 537 | Type II-C Pvmnt Marker | Each | 8.00 | 12.00 | 8.00 | 0.00 |
| 750 | Barricades, Signs, and Traffic Handling | Mo. | 1.00 | 450.00 | 1.00 | 0.00 |
| Sp-1 | Profit and Overhead | L.S. | 1.00 | 433.20 | 1.00 | 0.00 |
| | SUBTOTAL - FA PW - 6 | | | | | 0.00 |
| | | | | | | |
| FA SAWS #5/CPS | | | | | | |
| | LABOR | | | | | |
| 1 | General Superintendent | HR. | 6.00 | 38.00 | 6.00 | 0.00 |
| 1 | Project Manager | HR. | 4.00 | 25.00 | 4.00 | 0.00 |
| 1 | Utility Foreman | HR. | 18.00 | 25.00 | 18.00 | 0.00 |
| 2 | Operator | HR. | 36.00 | 17.85 | 36.00 | 0.00 |
| 2 | Pipelayer | HR. | 36.00 | 15.16 | 36.00 | 0.00 |
| 1 | Laborer | HR. | 18.00 | 14.25 | 18.00 | 0.00 |
| 1 | Surveyor | HR. | 2.00 | 15.16 | 2.00 | 0.00 |
| 2 | Drivers | HR. | 6.00 | 14.25 | 6.00 | 0.00 |
| | TOTAL LABOR COST | | | | | 0.00 |
| | EQUIPMENT | | | | | |
| 1 | Track Backhoe | HR. | 18.00 | 115.00 | 18.00 | 0.00 |
| 1 | Loader | HR. | 18.00 | 75.00 | 18.00 | 0.00 |
| 1 | Rubber Tire Backhoe | HR. | 18.00 | 65.00 | 18.00 | 0.00 |
| 1 | Backhoe/Compactor | HR. | 18.00 | 65.00 | 18.00 | 0.00 |
| 1 | Water Truck | HR. | 6.00 | 32.50 | 6.00 | 0.00 |
| 1 | Service Truck | HR. | 2.00 | 35.00 | 2.00 | 0.00 |
| 2 | 1 Ton Utility Truck | HR. | 18.00 | 12.50 | 18.00 | 0.00 |
| 2 | Dump Truck | HR. | 6.00 | 75.00 | 6.00 | 0.00 |
| | TOTAL EQUIPMENT COST | | | | | 0.00 |
| | MATERIAL | | | | | |
| 1 | Flexible Base - Backfill Trench | C.Y. | 50.00 | 10.25 | 50.00 | 0.00 |

| COSA Item No. | Description | Unit | Original Quantity | Unit Price | Final Quantity | Changes in Contract Cost |
|----------------------------|---|----------|-------------------|------------|----------------|--------------------------|
| 1 | ATB - Temporary for Traffic | Ton | 45.00 | 38.00 | 45.00 | 0.00 |
| 1 | Overnight Barricades Requested by CPS | Night | 1.00 | 500.00 | 1.00 | 0.00 |
| 2 | Temporary Storm Drain Tie Into Existing Drain | L.S. | 1.00 | 150.00 | 1.00 | 0.00 |
| 2 | Barricades for CPS on Friday - Day Time | Day | 1.00 | 450.00 | 1.00 | 0.00 |
| | TOTAL MATERIAL COST | | | | | 0.00 |
| | TOTAL COST FOR LABOR, EQUIPMENT, & MATERIAL | | | | | 0.00 |
| | PROFIT & OVERHEAD ON LABOR, EQUIPMENT, & MATERIAL | | | | | 0.00 |
| | HAULING OF EQUIPMENT | | | | | |
| 1 | Track Backhoe (Oversize) | Load | 2.00 | 400.00 | 2.00 | 0.00 |
| 2 | Track Loader | Load | 2.00 | 275.00 | 2.00 | 0.00 |
| 3 | Pneumatic Roller | Load | 2.00 | 275.00 | 2.00 | 0.00 |
| 4 | Vib. Steel Roller | Load | 2.00 | 275.00 | 2.00 | 0.00 |
| 5 | Compactor | Load | 2.00 | 275.00 | 2.00 | 0.00 |
| | TOTAL HAULING COST | | | | | 0.00 |
| | SUBTOTAL - FA SAWS #5/CPS | | | | | 0.00 |
| | | | | | | |
| FA SAWS #6/CPS | | | | | | |
| 1 | Down Time | Work Day | 59.00 | 250.00 | 59.00 | 0.00 |
| | SUBTOTAL - FA SAWS #6/CPS | | | | | 0.00 |
| GRAND TOTAL - PUBLIC WORKS | | | | | | -44202.20 |