

**CITY OF SAN ANTONIO  
PUBLIC WORKS DEPARTMENT  
CITY COUNCIL AGENDA MEMORANDUM**

**TO:** Mayor and City Council

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

**SUBJECT:** Braniff – Turbo to U.S. 281 Project

**DATE:** March 31, 2005

**SUMMARY AND RECOMMENDATIONS**

This Ordinance approves Field Alteration Number 5- Final and appropriates funds from the project construction contingency account in the amount of \$25,492.19, payable to R.L. Jones, LP in connection with the Braniff – Turbo to U.S. 281, an authorized 1994-1999 General Obligation Drainage Improvement Bond project, funded from 2001 Certificates of Obligations, located in Council District 9.

Staff recommends approval of this ordinance.

**BACKGROUND INFORMATION**

This project included the installation of a drainage system on Braniff, Rendezvous, and Turbo Drive, as well as a mill and overlay. Project construction was completed on January 26, 2005.

This Ordinance authorizes Field Alteration Number 5, in the amount of \$25,492.19, which is the final recapitulation of project costs upon the completion of this project. All project costs have been reconciled, including each of the previous field alterations, as indicated in Field Alteration Number 5, incorporated herein as Attachment 2.

This construction contract was approved by City Council on May 20, 2004 through Ordinance Number 99199 and initially authorized \$715,923.15 for construction services related to this project. Previously approved Field Alterations increased the contract amount to \$745,717.38. This Ordinance will increase the total amount approved for this contract to \$771,209.57.

**POLICY ANALYSIS**

Approval of this ordinance will be a continuation of City Council policy to complete previously approved 1994-1999 General Obligation Drainage Improvement Bond funded Capital Improvement Projects.

### **FISCAL IMPACT**

This is a one-time capital improvement expenditure and is not included in the FY 05-10 Capital Improvement Budget. Funds in the amount of \$25,492.19 are available from the project construction contingency account, and are appropriated and authorized payable to R.L. Jones, L.P.

### **COORDINATION**

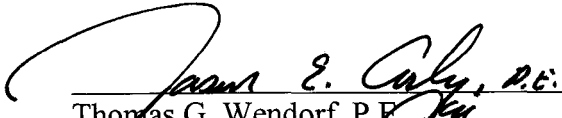
This request for ordinance has been coordinated with the Office of Management and Budget and the Finance Department.

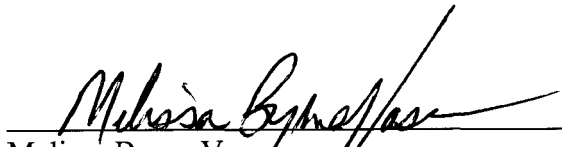
### **SUPPLEMENTARY COMMENTS**

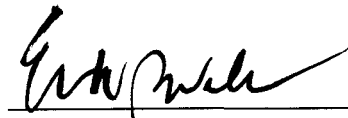
This construction contract was developed utilizing the formal competitive bid process; therefore, a Discretionary Contracts Disclosure Form is not required.

### **ATTACHMENTS**

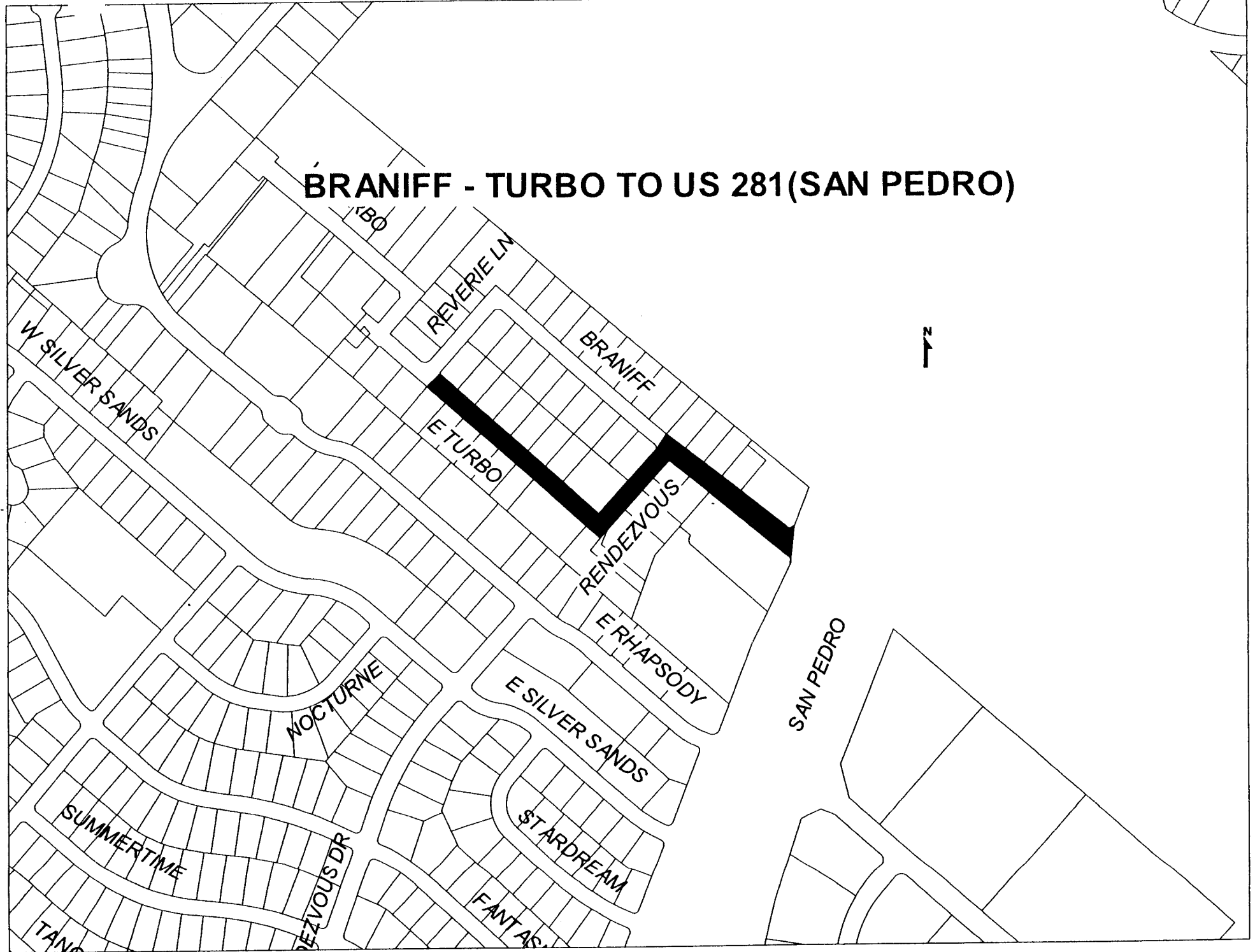
1. Project Map
2. Field Alteration Request Number 5 - Final

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

  
Melissa Byrne Vossmer  
Assistant City Manager

↓  
  
J. Rolando Bono  
Interim City Manager

**BRANIFF - TURBO TO US 281(SAN PEDRO)**



CITY OF SAN ANTONIO  
DEPARTMENT OF PUBLIC WORKS  
FIELD ALTERATION REQUEST

RECEIVED

FEB 24 REC'D

CONST. INSP.

2005 MAR 3 AM 9:35  
Field Alteration No. CPW-05 (Final)

Date Prepared February 22, 2005

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

**Braniff - Turbo to U.S. 281**

Project No. 23-00754

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, including SAP Material Number. Attach revised plan sheet affected or drawings as required):

**Final Project Recapitulation (See attached cost breakdown by item.)**

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

**Final Project Recapitulation (See attached cost breakdown by item.)**

Resulting change in contract cost by this Field Alteration: \$25,492.19 ☒ Increase ☐ Decrease (attach summary)

Resulting in an: ☒ Increase ☐ Decrease 0 ☐ Working Day(s) ☒ Calendar Day(s) (To be negotiated by the Contractor and the City.)

**Requested by:**

City of San Antonio Public Works  
City, Consulting Engineer/Architect, Other  
(Please Specify)

Prepared By: [Signature]

Title: President

Firm: R.L. Jones, LP  
Contractor (type in full name)

Date: 2-24-05

**Recommended**

[Signature] 2-23-05  
Consultant (Tom C. Bailey, P.E.) Date  
Firm: Maestas & Bailey, Inc.

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

[Signature] 3-2-05  
A.S.M. Ferdous, P.E. Date  
Project Manager

[Signature] 2/24/05  
for Walter E. Childs Date  
Construction Inspections Manager

William E. Krause 3/14/05  
Capital Programs Manager Date

[Signature] 2/25/05  
Razi S. Hosseini, P.E. Date  
Assistant City Engineer

**Approved**

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

Thomas G. Wendorf, P.E. (if over \$25,000)                       
Director of Public Works Date

**FOR CITY USE ONLY:**

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

|                        |                      |
|------------------------|----------------------|
| Original Contract Amt. | \$ <u>715,923.15</u> |
| Previous Approved FAs  | \$ <u>29,794.23</u>  |
| This Field Alteration  | \$ <u>25,492.19</u>  |
| Total                  | \$ <u>771,209.57</u> |

Purchase Order:                     

|                         |                     |
|-------------------------|---------------------|
| Const. Contg. Fund      | \$ <u>71,592.32</u> |
| Previous Approved FA    | \$ <u>29,794.23</u> |
| This Field Alteration   | \$ <u>25,492.19</u> |
| Total Field Alterations | \$ <u>55,286.42</u> |
| Balance                 | \$ <u>16,305.90</u> |

WBS: 23-00754-05-03  
Fund 43 Ord. 99199 5/20/04

| Item No.        | Description   | Units | Original Quantity | Quantity Complete | Unit Bid Unit Price | Change in Cost     |
|-----------------|---|-------|-------------------|-------------------|---------------------|--------------------|
| <b>BASE BID</b> |   |       |                   |                   |                     |                    |
| 100             | Mobilization (11%)  | LS    | 1                 | 1.00              | \$75,000.00         | \$0.00             |
| 100.1           | Insurance and Bond (3%)   | LS    | 1                 | 1.00              | \$19,000.00         | \$0.00             |
| 101             | Prep Right of Way (4%)  | LS    | 1                 | 1.00              | \$19,000.00         | \$0.00             |
| 103.1           | Remove Concrete Sidewalks & Driveways   | SF    | 3,126             | 3,126.00          | \$1.50              | \$0.00             |
| 105             | Channel Excavation  | CY    | 247               | 247.00            | \$14.00             | \$0.00             |
| 205.3           | Hot Mix Asph. Pavement, Type D (1.5")<br>Salvaging, Hauling & Stockpiling Reclaimable Asphaltic | SY    | 4,923             | 4,144.59          | \$4.50              | (\$3,502.85)       |
| 208.1           | Pavement, 1.5" Depth (Milling)  | SY    | 4,923             | 4,144.59          | \$3.50              | (\$2,724.44)       |
| 300.1           | Concrete Class "A" (culverts)   | CY    | 39                | 39.00             | \$575.00            | \$0.00             |
| 300.1           | Concrete Class "A" (Ret. Wall)  | CY    | 45                | 45.70             | \$600.00            | \$420.00           |
| 300.1           | Concrete Class "A" (Head/wing walls)  | CY    | 19                | 19.00             | \$650.00            | \$0.00             |
| 301             | Reinforcing Steel   | LBS   | 32,343            | 32,343.00         | \$0.05              | \$0.00             |
| 306             | Structural Excavation   | CY    | 301               | 301.00            | \$14.00             | \$0.00             |
| 401.1           | 24" R.C.P., "D-Load" Design, Lateral  | LF    | 128               | 139.40            | \$95.00             | \$1,083.00         |
| 401.1           | 30" R.C.P., "D-Load" Design, Lateral  | LF    | 44                | 44.28             | \$110.00            | \$30.80            |
| 401.1           | 36" R.C.P., "D-Load" Design, (10'-12')  | LF    | 27                | 27.00             | \$100.00            | \$0.00             |
| 401.1           | 36" R.C.P., "D-Load" Design, (12'-14')  | LF    | 30                | 30.00             | \$160.00            | \$0.00             |
| 401.1           | 54" R.C.P., "D-Load" Design, (10'-12')  | LF    | 283               | 275.82            | \$150.00            | (\$1,077.00)       |
| 401.1           | 54" R.C.P., "D-Load" Design, (12'-14')  | LF    | 313               | 312.14            | \$210.00            | (\$180.60)         |
| 401.1           | 72" R.C.P., "D-Load" Design, (8'-10')   | LF    | 177               | 237.04            | \$265.00            | \$15,910.60        |
| 401.1           | 72" R.C.P., "D-Load" Design, (10'-12')  | LF    | 140               | 106.05            | \$265.00            | (\$8,996.75)       |
| 401.1           | 72" R.C.P., "D-Load" Design, (12'-14')  | LF    | 143               | 96.49             | \$295.00            | (\$13,720.45)      |
| 401.1           | 24" R.C.P., Bend  | EA    | 7                 | 7.00              | \$600.00            | \$0.00             |
| 401.1           | 30" R.C.P., Bend  | EA    | 1                 | 1.00              | \$700.00            | \$0.00             |
| 403.1           | Junction Box Type 1   | EA    | 2                 | 2.00              | \$4,000.00          | \$0.00             |
| 403.2           | Junction Box Type 2   | EA    | 3                 | 3.00              | \$4,500.00          | \$0.00             |
| 403.5           | Junction Box Type 5   | EA    | 4                 | 4.00              | \$6,800.00          | \$0.00             |
| 403.16          | Special Inlets X-1  | EA    | 9                 | 9.00              | \$5,000.00          | \$0.00             |
| 407             | Concrete Encasement, Cradles, Saddles, and Collars  | CY    | 3                 | 31.05             | \$1,000.00          | \$28,050.00        |
| 410.2           | Gravel Sub-grade Filler   | CY    | 120               | 120.00            | \$0.50              | \$0.00             |
| 502.3           | Concrete Driveway (Commercial)  | SY    | 107               | 96.08             | \$45.00             | (\$491.40)         |
| 503.1           | Asphalt Driveway  | SY    | 100               | 370.62            | \$45.00             | \$12,177.90        |
| 505             | Concrete Rip Rap (5" Thick)   | SY    | 445               | 309.27            | \$65.00             | (\$8,822.45)       |
| 507.2           | Chain Link Wire Fence (6' High)   | LF    | 50                | 0.00              | \$7.50              | (\$375.00)         |
| 507.5           | Gates - Vehicular   | EA    | 1                 | 0.00              | \$350.00            | (\$350.00)         |
| 509             | Metal Beam Guard Rail   | LF    | 150               | 168.00            | \$50.00             | \$900.00           |
| 511.3           | Replacing with asphalt treated base & pavement (12" compacted depth)                            | SY    | 1,531             | 1,683.45          | \$40.00             | \$6,098.00         |
| 520             | Hydromulching (Bermuda)   | SY    | 520               | 520.00            | \$0.80              | \$0.00             |
| 522             | Sidewalk Pipe Railing   | LF    | 100               | 116.50            | 40.00               | \$660.00           |
| 530             | Barricades, Signs & Traffic Handling  | LS    | 1                 | 1.00              | \$9,000.00          | \$0.00             |
| 531.03          | R1-1 Stop Sign, R5-1 on reverse side (same pole)  | EA    | 1                 | 1.00              | \$300.00            | \$0.00             |
| 536.01          | 4 Inch Wide Yellow Line<br>Raised Pavement Marking TxDOT Class "B" (Reflective)                 | LF    | 1,450             | 1,450.00          | \$1.40              | \$0.00             |
| 537             | Type 1-C  | EA    | 30                | 30.00             | \$6.00              | \$0.00             |
| 540             | Storm Water Pollution Prevention Plan (SW3P)  | LS    | 1                 | 1.00              | \$800.00            | \$0.00             |
| 550             | Trench Excavation Protection  | LF    | 1,350             | 1,305.63          | \$0.50              | (\$22.18)          |
| 854             | Sanitary Sewer Laterals   | LF    | 70                | 79.00             | \$25.00             | \$225.00           |
| 854A            | Sanitary Sewer Clean-out  | EA    | 2                 | 3.00              | \$200.00            | \$200.00           |
|                 |   |       |                   |                   | <b>SUBTOTAL</b>     | <b>\$25,492.18</b> |