

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

CONSENT AGENDA
ITEM NO. 12

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, Manuela Gomez Shannon, P.E., Armando A. Aranda, Jr., and file

SUBJECT: 2003 ASPHALT RECYCLING AND OVERLAY- FIELD ALTERATION #2

DATE: May 8, 2003

SUMMARY AND RECOMMENDATIONS

This ordinance approves Field Alteration #2 in the increased amount of \$234,385.00, payable to Clark Construction Company, Inc. in connection with the 2003 Street Asphalt Recycling and Overlay Maintenance Contract located in various Council Districts. The construction contract is authorized to be increased by \$185,157.00; the contingency amount is authorized to be increased by \$30,228.00 and a Video Imaging Vehicle Detection System (VIVDS) is authorized to be installed in the amount of \$19,000.00.

Staff recommends approval of this ordinance.

BACKGROUND INFORMATION

Field Alteration #2 provides for additional bid quantities related to the addition of Randolph Boulevard from Crestway to Royal Ridge Street to be funded with Council District 10 Neighborhood Access and Mobility Program (NAMP) funds and Street Contractual Maintenance funds. Council Ordinance 97232 dated February 20, 2003 awarded the 2003 Street Asphalt Recycling and Overlay Maintenance Contract to Clark Construction Company, Inc. Proposed work will be completed by June 30, 2003.

This project includes \$19,000.00 for the installation Video Imaging Vehicle Detection System (VIVDS) by City forces for two (2) intersections. VIVDS replaces traditional in-pavement loop detectors for vehicle detection for affected intersections. Loop detectors sense a vehicle by magnetic inductance loops cut into the pavement, whereas VIVDS detects oncoming traffic by working similarly to motion detectors. The VIVDS electronically varies the green intervals of a traffic signal based on traffic demand. The use of VIVDS is cost effective in lengthening the life of street surfaces by reducing deterioration caused by sawcutting and will be in compliance with the Right of Way Management Ordinance.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Council policy to provide Street Maintenance, budgeted for FY 2002-2003.

FISCAL IMPACT

This is a one-time expenditure. Funds in the amount of \$125,000.00 are available from Council District 10 Neighborhood Access and Mobility Program (NAMP) Certificates of Obligation Funds, \$29,342.00 from Council District 10 NAMP Operating Funds, and \$80,043.00 are available from the Street Maintenance and Improvement Fund payable as follows:

\$185,157.00	payable to Clark Construction Company, Inc.
\$ 30,228.00	payable to Construction Contingency
\$ 19,000.00	payable to City Forces for Installation for Vehicle Detection System

Summary of Contract Amount:

Original Contract	\$1,610,601.45
Field Alteration #1	\$21,731.12
Proposed Field Alteration #2	\$185,157.00
Revised Contract Amount	\$1,817,489.57

Summary of Contingency Amount:

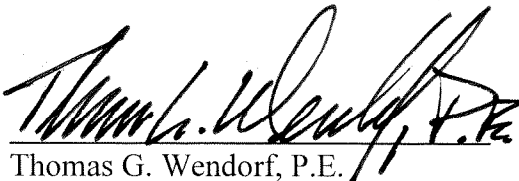
Original Contingency	\$161,060.15
Previous Field Alterations	\$0.00
Proposed Field Alteration #2	\$30,228.00
Contingency Balance	\$191,288.15

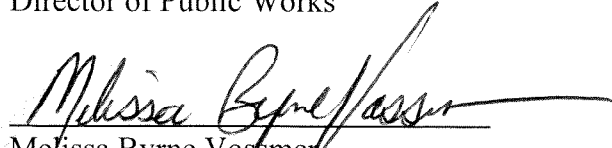
COORDINATION

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

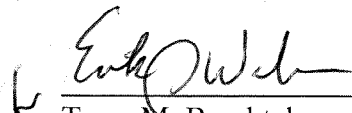
SUPPLEMENTARY COMMENTS

This contract was developed utilizing the formal competitive bid process, therefore, an Ethics Disclosure Form is not required.

 4/24/03
Thomas G. Wendorf, P.E.
Director of Public Works


Melissa Byrne Vossmer
Assistant City Manager

Approved:


Terry M. Brechtel
City Manager

CITY OF SAN ANTONIO
DEPARTMENT OF PUBLIC WORKS
FIELD ALTERATION REQUEST

Date **April 11, 2003**

Field Alteration No. **2**

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

2003 Asphalt Recycling and Overlay

The revision or amendment described below to 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):

Add Randolph Blvd. From Crestway to Royal Ridge in Council District 10 to list of streets to be treated

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

Increase quantities as needed to successfully complete the Asphalt Recycling and Overlay treatment for the above street.

☒ Increase

Resulting change in contract cost by this Field Alteration: **\$185,157.00** ☐ Decrease (attach summary)

And

☒ Increase

Resulting change in construction contingency by this Field Alteration: **\$30,228.00** ☐ Decrease (attach summary)

Resulting in an: ☒ Increase of **10** ☒ Working Days (To be negotiated by the Contractor and the City).
☐ Decrease ☐ Calendar

Requested by:

Armando A. Aranda, Jr.

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

Clark Construction Company, Incorporated

Contractor (type in full name)

By: _____
(Signature of authorized representative)

Title: _____

RECOMMENDED:

Armando A. Aranda, Jr. Date 4/14/03
Consultant (Project Eng/Arch Only)

City of San Antonio

Firm Name

City Project Manager Date

Jose M. Martinez, Fiscal Officer Date

Rudy Guzman Date
Acting City Inspection Supervisor

William E. Krause Date
Capital Programs Manager

APPROVED:

Terry M. Brechtel Date:
City Manager

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

FOR CITY USE ONLY:

Professional Services Fees for this Field Alteration are: ☐ eligible ☒ Ineligible

Original Contract Amt.	\$1,610,601.45	Const. Contg. Fund	\$161,060.15
Previous Approved FAs	\$ 21,731.12	Previous Approved FA	\$ 0.00
This Field Alteration	\$ 185,157.00	This Field Alteration	\$ 30,228.00
Total	\$1,817,489.57	Total Field Alterations	\$ 30,228.00
		Balance	\$191,288.15

FORM PW 15

Attachment

PROJECT: **Asphalt Recycling and Overlay 2003**CONTRACTOR: **Clark Construction, Co., Inc.**ENGINEER: **Armando A. Aranda, Jr.**Date: **April 11, 2003****Attachment to Field Alteration #2**

Item	Description	Unit	Base Award			Field Alteration 1		Field Alteration 2		Revised Totals	
			Unit Bid	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
103.1	Removal Concrete Curb	LF	\$3.50	1,404	\$4,914.00		\$ -	0	\$ -	1,404	\$4,914.00
103.2	Removal Sidewalks and Driveways	SF	\$3.00	230	\$690.00		\$ -	0	\$ -	230	\$690.00
205. C	Hot Mix Asphaltic Pavement, Type "D"	TON	\$28.50	15,322	\$436,677.00		\$ -	1,356	\$38,646.00	16,678	\$475,323.00
230.B	Replacing Base and Pavement, 6" Comp. Depth	SY	\$19.00	7,775	\$147,725.00	1,167	\$22,173.00	3,400	\$64,600.00	12,342	\$234,498.00
230. C	Replacing Base and Pavement, 8" Comp. Depth	SY	\$24.98	6,125	\$153,002.50	919	\$22,956.62	0	\$ -	7,044	\$175,959.12
230. D	Replacing Base and Pavement, 12" Comp. Depth	SY	\$27.34	3,250	\$88,855.00	325	\$8,885.50	0	\$ -	3,575	\$97,740.50
240	Milling of Asphaltic Pavement	CY	\$9.00	2,240	\$20,160.00	224	\$2,016.00	200	\$1,800.00	2,664	\$23,976.00
245.1	Rejuvenating Agent	GAL	\$1.65	23,005	\$37,958.25		\$ -	2,500	\$4,125.00	25,505	\$42,083.25
245.2	Heating - Scarifying and Repaving of Existing Asphaltic Concrete Surface	SY	\$2.00	230,048	\$460,096.00		\$ -	25,000	\$50,000.00	255,048	\$510,096.00
500	Concrete Curbing	LF	\$13.00	1,404	\$18,252.00		\$ -	0	\$ -	1,404	\$18,252.00
502-1	Concrete Sidewalks	SY	\$38.25	1,993	\$76,232.25		\$ -	0	\$ -	1,993	\$76,232.25
512.1	Adjusting Existing Manholes	EA	\$300.00	114	\$34,200.00		\$ -	0	\$ -	114	\$34,200.00
515	Top Soil	CY	\$8.50	35	\$297.50		\$ -	0	\$ -	35	\$297.50
516	Sodding	SY	\$5.10	780	\$3,978.00		\$ -	0	\$ -	780	\$3,978.00
535-A	4 inch wide yellow line	LF	\$0.55	38,583	\$21,220.65		\$ -	11,800	\$6,490.00	50,383	\$27,710.65
535-B	4 inch wide white line	LF	\$0.55	27,213	\$14,967.15		\$ -	11,800	\$6,490.00	39,013	\$21,457.15
535-F	16 inch wide white line	LF	\$3.50	3,668	\$12,838.00		\$ -	480	\$1,680.00	4,148	\$14,518.00
535-G	24 inch wide white line	LF	\$5.00	1,484	\$7,420.00		\$ -	180	\$900.00	1,664	\$8,320.00
535. I	LEFT WHITE ARROW	EA	\$75.00	42	\$3,150.00		\$ -	0	\$ -	42	\$3,150.00
535.L	WORD "ONLY"	EA	\$85.00	33	\$2,805.00		\$ -	0	\$ -	33	\$2,805.00
537.1	Traffic Button (Type W)	EA	\$1.65	5,445	\$8,984.25		\$ -	0	\$ -	5,445	\$8,984.25
537.2	Traffic Button (Type Y)	EA	\$1.55	7,718	\$11,962.90		\$ -	2,360	\$3,658.00	10,078	\$15,620.90
537.3	Traffic Button (Type I-C)	EA	\$3.00	685	\$2,055.00		\$ -	0	\$ -	685	\$2,055.00
537.5	Traffic Button (Type II A-A)	EA	\$3.00	967	\$2,901.00		\$ -	296	\$888.00	1,263	\$3,789.00
634.2	Sawcut	LF	\$4.90	7,000	\$34,300.00	\$(7,000.00)	\$(34,300.00)	1,200	\$5,880.00	1,200	\$5,880.00
702	Adjusting Existing Water Valves	EA	\$40.00	124	\$4,960.00		\$ -	0.00	\$ -	124	\$4,960.00
TOTAL					\$1,610,601.45	TOTAL	\$21,731.12	TOTAL	\$185,157.00	TOTAL	\$1,817,489.57
Contingency					\$161,060.15	Contingency	\$ -	Contingency	\$30,228.00	Contingency	\$191,288.14
Advertising					\$750.00	Advertising	\$ -	Advertising	\$ -	Advertising	\$750.00
Printing					\$500.00	Printing	\$ -	Printing	\$ -	Printing	\$500.00
VIVDS by COSA					\$38,000.00	VIVDS by COSA	\$ -	VIVDS by COSA	\$19,000.00	VIVDS by COSA	\$57,000.00
GRAND TOTAL					\$1,810,911.60	GRAND TOTAL	\$21,731.12	GRAND TOTAL	\$234,385.00	GRAND TOTAL	\$2,067,027.71