| Contract Change Order No. | | Date: | January 24, 2023 |
|---------------------------|-------------------------------|-------|------------------|
| Project Number: | 90.23003 | | |
| Project Name: | Slurry Seal 2022-2023 Program | | |
| Contractor: | American Asphalt South, Inc. | | |
| | | | |

This Change Order covers changes to the subject Contract as described herein. The Contractor is to furnish equipment, materials, labor and perform all work as necessary or required to complete the Change Order items at the prices agreed upon between the Contractor and the City.

| | | | Cost | Working Days |
|---|----|----|---------------|-----------------|
| Original Contract Amount: | | \$ | 122,470.00 | 60 |
| Previous Change Orders Amounts: | | | | 0 |
| This Change Order Amount: | | \$ | 5,384.00 | 0 |
| Total Increase to Contract to Date: | | \$ | 5,384.00 | 0 |
| Revised Total Contract Amount: | | \$ | 127,854.00 | 60 |
| Percentage of Total (Increase/Decrease) to Contract Amount to Date: | | | 4.40% | |
| FIRST WORKING DAY | | | February 6, 2 | 2023 |
| Working days specified in Contract | 60 | | working da | ıys |
| Administrative Delay | 0 | | working da | ıys |
| ORIGINAL COMPLETION DATE | | | May 3, 202 | 23 |
| Non-working days due to weather delays | 0 | | Non-working | Days |
| Non-working days due to Administrative Delay | 0 | | Non-working | Days |
| Contract Time Extensions by Previous Change Orders | 0 | | Working Da | ays |
| Contract Time Extensions by This Change Order | 0 | | Working Da | ays |
| REVISED COMPLETION DATE | | Ma | v 3, 2023 | |

DESCRIPTION OF WORK COMPLETED, ESTIMATES OF QUANTITIES, AND PRICES TO BE PAID:

| Item No. | Description | Change Order Quantity | Unit | Un | nit Cost | Change Order Cost | Add'l Working Days |
|----------|--|-----------------------------|------|----|-----------|-------------------|--------------------------|
| 1 | Construct asphalt digout repairs per limits identified on attached exhibit. This Change Order adds quantity to bid line item 4 to accommodate all of the repairs. Work to be paid based on actual field-measured quantities and delivery tickets. | 11 | Ton | \$ | 550.00 | \$ 6,050.00 | 0 |
| 2 | Construct asphalt digout repairs per limits identified on attached exhibit. This Change Order adds base material quantity to bid line item 5 to accommodate all repairs. Work to be paid based on actual field-measured quantities and delivery tickets. | 16 | Ton | \$ | 440.00 | \$ 7,040.00 | 0 |
| 3 | Provide hot-applied type 1 crack seal at all project limits for cracks from 1/4" to 2" per attached specifications. | 1 | LS | \$ | 18,794.00 | \$ 18,794.00 | 0 |

| C | | | | | | | | Page 2 of |
|-------------------|---|--|---------------------|------------------|--------------------------------|--------------|------------------------|-----------|
| Contra | act Change Order No. | 1 | | | Date: | | January 24, 20 | 23 |
| J | Project Number: | 90.23003 | | | | | | |
| | Project Name: | Slurry Seal 2022-2023 Program | | | | | | |
| | Contractor: | American Asphalt South, Inc. | | | | | | |
| 4 | damaged cross gutter standard plans 222 a replace cross gutter joints (Joint B per si all labor, equipment material, dowels, co patching."□ | on project scope. Remove and replace or on Lemon Avenue and 23rd Street per and 225. Contractor to remove and beginning at the weakened plane control tandard plan no. 222). This price includes , and materials, including new base ncrete, and asphalt concrete slot | 1 | LS | \$ (26,500.00) | \$ | (26,500.00) | 0 |
| | | | Estimated 7 | Total of T | his Change Order: | \$ | 5,384.00 | 0 |
| PA YME. PRICES | NT FOR THIS WORK LISTED ABOVE AND | WILL BE MADE BASED ON FIELD M THE TOTAL COST MAY DIFFER FR(| EASURED OM THE E | QUANTI STIMAT | TIES AT THE AL ED AMOUNT SH | DJUSI OWN | TED CONTRACI ABOVE. | T UNIT |

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| ontract Change Order No. | | Date: | January 24, 2023 | |
|--------------------------|--|------------|------------------|--|
| Project Number: | 90.23003 | | | |
| Project Name: | Slurry Seal 2022-2023 Program | | | |
| Contractor: | American Asphalt South, Inc. | | | |
| | DocuSigned by: | | | |
| · | Patrick Kelley | T (| 1/24/2023 | |
| Approval Recommended by: | 781D1790EBC34BE | Date: | | |
| | Patrick Kelley, E.I.T., Contracts Manager | | | |
| | the surge Balala | | 2/16/2023 | |
| Approved by: | UOMAS MEUL | Date: | , , , | |
| | Thomas Bekele, P.E. Director of Public Works | | | |
| | | | | |
| | CONTRACTOR ACCEPTANCE STATEME | ENT | | |

LABOR, MATERIALS AND EQUIPMENT, INSURANCE, TAXES, BONDS AND PROFIT), ALL ESCALATION, DELAY, DISRUPTION, ACCELERATION, INEFFICIENCIES, LOST PRODUCTIVITY, DIFFERING SITE CONDITIONS AND/OR CONSTRUCTION INTERFERENCES ARISING OUT OF OR AS A RESULT OF THIS CHANGE ORDER OR THE RIPPLE EFFECT OR CUMULATIVE IMPACT OF THIS CHANGE ORDER ON THE PERFORMANCE OF THE OVERALL WORK UNDER THE CONTRACT. THE PARTIES HERETO AGREE THAT THIS CHANGE ORDER CONSTITUTES A MUTUAL ACCORD AND SATISFACTION WITH RESPECT TO ALL CLAIMS FOR IMPACTS, SCHEDULE EXTENSION OR ANY COSTS OF WHATSOEVER NATURE, WHETHER KNOWN OR UNKNOWN, ARISING OUT OF THIS CHANGE ORDER.

DocuSigned by: lim Gr 741F90861E9547F

Date:

1/27/2023

Tim Griffin, American Asphalt South, Inc.

Accepted by:





50

100

150 200

Feet

| Street Name | Extent | Area (Sq Ft) | | |
|--------------|-------------------------------|--------------|--|--|
| Cerritos Ave | Alliance Ave to E 23rd St | 10506 | | |
| Cerritos Ave | E 23rd St to E Burnett St | 25020 | | |
| Lemon Ave | City Boundary to E Burnett St | 27338 | | |
| Lewis Ave | City Boundary to E Burnett St | 18296 | | |

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N



Slurry Seal Area 2



| Street Name | Extent | Area (Sq Ft) |
|-------------|----------------------------|--------------|
| Orizaba Ave | E 19th St to E 20th St | 23917 |
| Orizaba Ave | E 20th St to City Boundary | 33902 |

SECTION 203 BITUMINOUS MATERIALS

Add the following sub-section:

203-17 CRACK SEALANT

303-17.1 SMALL CRACK SEALANT

203-17.1.1 GENERAL

Small crack sealant material shall consist of an asphaltic emulsion mixture used for filling/sealing cracks in asphalt concrete up to 1" wide.

203-17.1.2 MATERIAL

The small crack sealant material shall comply with section 37-6.02 MATERIALS of the CalTrans Standard Specifications 2018 edition. Type 1 for Residential/Local Streets and Type 2 for Major Streets and larger. Material shall be per Caltrans Authorized Material List for Asphalt Concrete Pavement Crack Treatment or equal approved by the Engineer.

303-17.2 LARGE CRACK SEALANT

203-17.2.1 GENERAL Large crack sealant material shall consist of an asphaltic emulsion mixture used for filling/sealing cracks in asphalt concrete 1-2" wide.

203-17.2.2 MATERIAL Material shall be per Caltrans Authorized Material List for Asphalt Concrete Pavement Crack Treatment or equal approved by the Engineer.

SECTION 302 ROADWAY SURFACING

Add the following sub-section:

302-15 CRACK SEAL

302-15.1 GENERAL

Crack seal material shall conform to 203-17 CRACK SEALANT.

302-15.2 Site Preparation

Treat cracks from ¼ to 2 inch in width for the entire length of the crack. All cracks to be sealed shall be completely clean, dry, and free of all loose material, vegetation, and any other foreign substance which may cause the sealant not to adhere to the crack wall.

The Contractor shall treat all vegetation within the limits of the paved area to receive surface seal treatment with a post emergent herbicide. Herbicide shall be applied at least 5 (five) working days prior to sealing the street. Allowance for the five-day period shall be shown in the schedule required per Section 6-1, Construction Schedule and Commencement of the Work.

Cracks shall be cleaned using a hot compressed air lance (HCL) apparatus. The Contractor shall clean and dry all cracks with the HCL immediately before sealing. Air exiting the lance shall be heated to a

temperature sufficient enough to remove the oxidized surface from the crack walls. The HCL shall meet the following requirements:

- Compressed air capacity: 90 PSI min.
- Heated air temperatures: 600 F to 2,200 F
- Exit heated air: 1,000 ft/sec.
- Propane: 5 to 20 PSI

The joints and cracks shall be inspected and approved by the Engineer prior to placing the crack sealant material. Final joint and crack cleaning will be the same day of the sealing operation except as otherwise approved by the Engineer or his designee.

302-15.3 Application

302-15.3.1 Small Cracks (¼ - 1" Wide)

Sealant shall be prepared and applied to the pavement cracks in conformance with all manufacturers' instructions except where noted otherwise in this document.

- Sealant shall be applied when the pavement surface temperature is greater than 50°F.

- Containers of hot-melt rubberized sealant shall be delivered to the job-site in unopened containers that are clearly marked with data showing the manufacturer's name, the product designation and the manufacturer's batch number and lot numbers.

- The hot-melt rubberized asphalt shall be melted in a jacketed, double boiler type melting unit.

- Application of the hot-melt sealant shall be made with a pressure feed applicator or pour pot.

- Sealant shall be applied from the bottom of the crack up to the surface in a manner which does not result in sealant bridging or entrapping air pockets.

- Apply crack treatment with a nozzle inserted into the crack. The sealant shall be applied to a slightly overfilled condition and then leveled with a squeegee. The overband shall not exceed 1" on either side of the crack.

- If after two days the crack treatment is more than 1/4 inch below the specified level, the sealant fails, or the crack re-opens, re-treat the crack.

- Immediately remove crack treatment material that is spilled or deposited on the pavement surface. -Before opening to traffic, apply sand or the manufacturer's recommended detackifying agent to tacky crack treatment on the traveled way.

- Sweep up excess sand before opening to traffic.

302-15.3.1 Large Cracks (1-2" Wide)

Sealant shall be installed per the manufacturer's recommendation.



| Date: To: Address: Attn: Phone: From: Pages: Subject: American tools to pe | NOVEMBE CITY OF SI 2175 CHEF SIGNAL HII PATRICK K (562)989-73 LYLE STON 1 2022-2023 IN THE CIT Asphalt Sout | R 8TH, 202 GNAL HILL RY AVENU LL, CA 907 (ELLEY 361 NE SLURRY S TY OF SIGN th, Inc. will p lowing work | 2 JE 55 Cell: EEAL PROC IAL HILL provide all e | (562)533- GRAM; CIT equipment, ove referen | 5174 Y PROJECT labor, materia ced project. | NO. 90.22 al and | 2003 | |
|---|---|--|---|--|---|--|--------------------------------|--------------------------|
| ITEM# | DESCRIPT | ION | | | QUANTITY | <u>(</u> | UNIT (\$) | TOTAL(\$) \$18 794 00 |
| CCO | CRACK SE | ALING | | LS | | | 518,794.0000 | \$18,794.00 |
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| NOTE: | AMERICA TO LABO | N ASPHAL RERS LOC | T SOUTH, AL 1184 | INC. IS A I | JNION COMI | PANY SIG | NATORY | |
| SUBMIT | red by: | LYLE STO | DNE-SENIO | OR ESTIMA | ATOR | DATE: _ | 11/08/202 | 12 |
| ACCEPT | ED BY: | | | | | DATE: _ | | |

www.americanasphaltsouth.com

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MAILING ADDRESS: P.O. BOX 310036 • FONTANA, CA 92331 • PHYSICAL ADDRESS: 19792 EL RIVINO ROAD • RIVERSIDE, CA 92509 • (909) 427-8276 • FAX (909) 427-8279