

**AUTHORIZATION TO PROCEED WITH WORK PENDING SUBMISSION
OF
CONTRACT CHANGE ORDER-T/LPA PROJECTS**

Date: 5/17/17	District: 5
Project No. S100282	Control No: S100282
Change Order No. 3	Amount: \$0.00
Change Order Type: Supplemental Agmt.	Percent of / Dollar Amount of Federal Participation: 0%
Requested By: Colleen Baker	County: Santa Fe County

Proposed Change:

Project Special Provision Section 303 Base Course and Crusher Fines shall be deleted and replaced with Project Special Provision 304 Base Course and Crusher Fines (attached).

Reason for Change:

This change is to resolve an inconsistency between an item number in the bid quantity sheet and plans (Item 304) and an item number in the project special provisions (Item 303).

Time Extension: 0 Working Days

Comments / Notes: _____

Approved by Will Montoya
Local Government Oversight Engineer
And (Time only)

Date: 5/17/17

Approved by _____
District Engineer

Date: _____

And (Supplemental) Pat Bell 2017.05.19
Approved by _____ 15:21:43 -06'00'
Construction Liaison Engineer

Date: _____

EXHIBIT I

CHANGE ORDER

PROJECT: Santa Fe Rail Trail Segment 4

CONTRACTOR: AAC Construction, LLC

CHANGE ORDER NO: 3

ARCHITECT/ENGINEER: Loris and Associates

PROJECT NO: #2016-0204-PW/MM

Contractor Telephone: (505) 471-2510

Contractor e-mail: Andrew@cnspl.net

ENGINEER'S/ARCHITECT'S PROJECT NO: 325-10101

CHANGE ORDER JUSTIFICATION (Provide definitive reason for proposed change order.)

This change is to resolve an inconsistency between an item number in the bid quantity sheet and plans (Item 304) and an item number in the project special provisions (Item 303).

You are directed to make the following changes in this Contract: (Provide a detailed description of the Scope of the Work.)

Project Special Provision Section 303 Base Course and Crusher Fines shall be deleted and replaced with Project Special Provision 304 Base Course and Crusher Fines (attached).

NOT VALID UNTIL SIGNED BY BOTH THE COUNTY AND THE ARCHITECT/ENGINEER.
Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The Original Contract Sum was:	\$427,000.00
Net change by previously authorized Change Orders:	\$38,086.65
The Contract Sum prior to this Change Order was:	\$465,086.65
The Contract Sum will be increased/decreased/unchanged by this Change Order in the amount of:	\$0.00
The new contract Sum including this Change Order will be:	\$465,086.65
The Contract Time will be increased/decreased/unchanged by <u>0</u> days.	
The total number of working days as of the date of this Change Order therefore is: <u>121</u> .	

CHANGE ORDER SIGNATURE PAGE

REVIEWED

Santa Fe County

By: [Signature]

Date: 6/13/17

AGREED AND RECOMMENDED

CONTRACTOR

By: [Signature]

Date: 6-8-17

Title: Managing Member

ARCHITECT/ENGINEER

By: [Signature]

Date: 5/15/17

APPROVED

SANTA FE COUNTY

By: [Signature]

Date: 6.22.17

Approved as to form
Santa Fe County Attorney

By: [Signature]

Date: 6-22-17

Reviewed and Approved
for SIGNATURE
Don Moya [Signature] Date 6.22.17

SECTION 304 BASE COURSE AND CRUSHER FINES

Delete the entire Section 303 and substitute the following:

304.1 DESCRIPTION

This Work consists of providing, hauling, and placing Base Course and Crusher Fines.

304.1.1 Stockpiling

This Work consists of providing, hauling, and stockpiling Base Course and Crusher Fines at specified locations.

304.1.2 Removing, Processing, and Placing Base Course

This Work consists of removing, hauling, processing, placing Base Course Material and Crusher Fines.

304.2 MATERIALS

304.2.1 General

Base Course consists of Santa Fe Brown 7/8" Base Course, as supplied by Santa Fe Classic Rock, or approved equal. The color of the material shall be brown. Base Course does not contain organic matter or other Deleterious Materials, including silt and clay balls.

Crusher Fines consists of Santa Fe Brown Crusher Fines, as supplied by Santa Fe Classic Rock, or approved equal. The color of the material shall be brown. Base Course does not contain organic matter or other Deleterious Materials, including silt and clay balls.

The following gradations requirements apply to aggregate Materials:

**Table 304.2.1:1
Base Course Gradation**

Sieve size	% passing
1 in	100
3/4 in	80-100
No. 4	30-60
No. 10	20-45
No. 200	3.0-10.0

Use the gradation, as shown in Table 304.2.1:1, "Base Course Gradation," unless otherwise specified.

**Table 304.2.1:2
Crusher Fines Gradation**

Sieve size	% passing
3/8 in	100
No. 4	80-90
No. 10	50-80
No. 40	25-50
No. 200	5-15

Use the gradation, as shown in Table 304.2.1:2, "Crusher Fines Gradation," unless otherwise specified.

Ensure that at least 50% of the Materials retained on the No. 4 sieve have at least two Fractured Faces (FF) when evaluated by NMDOT Method FF-1, *Fractured Face Determination for Coarse Aggregate*. Provide Base Course with a maximum L.L. of 25, and a maximum PI of 6.

304.2.2 Aggregate Acceptance

The Department will accept Base Course based on periodic random samples taken by the Contractor from the trail in accordance with Section 901, "Quality Control/Quality Assurance (QC/QA)."

304.3 CONSTRUCTION REQUIREMENTS

304.3.1 Preparation of Subgrade

Clean the Subgrade of loose and Deleterious Material. Ensure that the top 6 in of the trailbed meets the density requirements of Section 207, "Subgrade Preparation." Proof-roll the Subgrade with a 27 ton roller or alternate Equipment as approved by the Project Manager to expose and correct soft areas.

304.3.2 Mixing and Placing

Mix the Base Course Material or Crusher Fines Material to a homogenous mixture. Place maximum 6 in (compacted) lifts, unless specified otherwise. Do not place on frozen Subgrade. Use AASHTO T 180, Method D (TTCP Modified) to determine density requirements. Use nuclear testing methods to determine densities in accordance with AASHTO T 310. Correct nuclear moisture contents for residual hydrocarbons before computing in-place dry densities when using RAP.

304.3.3 Surface Tolerance

The Department will allow a surface tolerance of 1/2 in within 8 ft. If the depth is deficient, the Project Manager can accept the Work and reduce the Contractor's payment, or reject the Work with subsequent replacement by the Contractor.

304.3.4 Plan Base Course and Subbase Depths

If the placed thickness deviates from the requirements by more than minus 1/2 in. the Project Manager may:

1. Accept and approve the payment for the measured quantity only; or
2. Accept the in-place layer of Base Course Material along with another layer of Base Course Material up to the specified thickness.

304.3.5 Stockpiled Base Course

Prevent segregation of Materials at each stockpile. Maintain each stockpile in accordance with Section 423.2.2.3, "Stockpiling."

304.3.6 Sampling and Testing

304.3.6.1 Contractor Quality Control

Sample the stockpiled Material and conduct gradation testing, FF, LL, and PI testing in accordance with applicable AASHTO test procedures in accordance with Section 901. A minimum of one test shall be done for every 500 tons of material to be placed. Test results shall be provided to the project manager for approval prior to placing the material.

304.3 METHOD OF MEASUREMENT

Payment will be made based upon the actual area of Base Course or Crusher Fines placed and accepted.

304.3.1 Stockpiling

See Section 304.1.1, "Stockpiling."

304.5 BASIS OF PAYMENT

Pay Item	Pay Unit
Base Course 6 in Depth	Square Yard
Base Course 6 in Depth (As Directed)	Square Yard
Crusher Fines 6 in Depth	Square Yard

303.5.1 Work Included in Payment

Base Course 6 in Depth shall include all materials and workmanship. The cost of base course preparation shall be included in Typical Section (Type).

Base Course 6 in Depth (As Directed) shall include all materials and workmanship to replace crusher fines material, as shown in the plans, with Base Course 6 in Depth. This item is intended to allow the owner to identify, during construction, additional specific areas to be surfaced with base course material rather than Crusher Fines. Payment will be made based on the actual area of Base Course 6 in depth placed and accepted, as specifically directed by the owner or their assigned representative during construction.

Crusher Fines 6 in Depth shall include all materials and workmanship to place Crusher Fines 6 in Depth. Payment will be made based on the actual area of Crusher Fines 6 in depth placed and accepted.