

ATLAS PAVING COMPANY

3800 N.W. 8th Street
Phone: 405/947-2381

OKLAHOMA CITY, OKLAHOMA 73147-0727

MAILING ADDRESS
P. O. BOX 75727

August 8, 2023

Mr. Suraj Thapa, Project Manager
City of Oklahoma City Public Works
420 W. Main Street, Suite 700
Oklahoma City, OK 73102

RE: OKC Project PC-0908 and PC-0910
Reno Avenue and Rockwell Avenue
Change Order Items #1
Contract Amendment Quantities #1

Gentlemen,

On or about June 22, 2023, while repairing an existing inlet structure on the south curb line of Reno Avenue adjacent to McClain's RV's location, Atlas Paving uncovered a deteriorated and unsound 12" x 21" metal pipe that drained north into the center median crossover. At that time work stopped at this location and Oklahoma City, at the direction of Mr. Thapa, attempted to "TV" the storm sewer system to determine the structural integrity of the conduits. The "TV" attempt was unsuccessful due to the siltation, standing water, and deterioration of the existing metal pipes.

No future investigative action occurred at the location until Atlas "uncovered" the underground drainage system on or about July 25, 2023. A site meeting was held on July 26th with Mr. Barry Lodge, Suraj Thapa, and Mike Johnston, of Oklahoma City and Atlas representatives Bruce Smith and Kyle Smith. Atlas was directed by "City" representatives to remove sections of the deteriorated metal pipes and replace with concrete pipes, construct a junction box to provide access to the system, and plug the existing RCB at an abandoned metal pipe entrance. On July 28th a site meeting was held to discuss how to handle an existing heavily reinforced permanent concrete patch with a 3"+ asphalt surface protecting a federally managed 12" high-pressure natural gas pipeline. The concrete patch with asphalt surface lay within the bounds of the asphalt "crossover" which is to be replaced with PC Concrete paving. Atlas was directed by city representatives to remove the asphalt surface and replace with a 3" PC Concrete "white topping" and submit change order prices for the added/alterd work.

The added work to the contract will require a change order to include new work items not anticipated in the original scope of work and contract. As requested by Mr. Thapa, Atlas has agreed to perform the 3" PC Concrete thin "white topping" at the contract price bid for 8" PC Concrete doweled paving. Please find the list of change order items below.

Additionally, we have taken the initiative to field check certain items of work still remaining to be performed to complete the contract. We have calculated from the "plans" furnished us the remaining 8" PC Concrete paving, unclassified excavation, aggregate bedding, and curb/gutter to be installed.

Following please find these additional quantities in excess of contract quantities that will be required to complete this project. Our list of amendment items are not complete and do not include any other items needing amended quantities. Please consider this list as our best estimate for these certain items at this time.

Change Order No. 1

<u>NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>PRICE</u>	<u>TOTAL</u>
1	Add'l Traffic Control	LS	1.00	\$15,000.00	\$15,000.00
2	3" Asphalt Mill for Thin Conc Overlay	SY	800.00	\$30.00	\$24,000.00
3	Pavement Saw Cut	LF	200.00	\$10.00	\$2,000.00
4	Remove Existing Metal Pipes	LF	70.00	\$50.00	\$3,500.00
5	36" RCPA	LF	24.00	\$350.00	\$8,400.00
6	36" RCPA - End Section	EA	1.00	\$6,750.00	\$6,750.00
7	24" RCPA	LF	42.00	\$375.00	\$15,750.00
8	Storm Sewer Junction Box	EA	1.00	\$10,000.00	\$10,000.00
9	Concrete Flowable Fill	CY	10.00	\$500.00	\$5,000.00
10	Plug Metal Pipe Hole @ RCB	EA	1.00	\$1,000.00	\$1,000.00
11	Rebar - 12" HP Gas Line Patch	LBS	900.00	\$5.00	\$4,500.00
12	Excavate & Survey Existing RCB Sys	CY	100.00	\$75.00	\$7,500.00
13	Shot Blast Prep for Thin Concrete	EA	3.00	\$4,500.00	\$13,500.00
Total Estimated Change Order Items					\$116,900.00

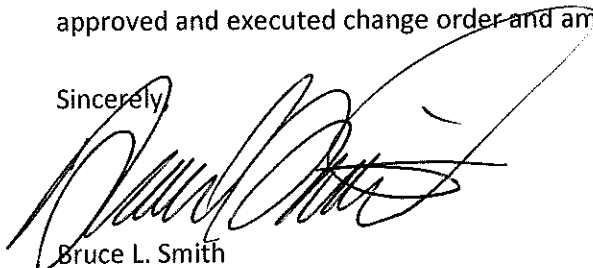
Amendment No. 1

<u>NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>PRICE</u>	<u>TOTAL</u>
200-00	Unclassified Excavation	CY	1,000.00	\$75.00	\$75,000.00
225-00	Aggregate Base	CY	400.00	\$100.00	\$40,000.00
304-07	PC Conc. 8" Doweled	SY	450.00	\$85.00	\$38,250.00
305-00	Curb and Gutter	LF	1,800.00	\$35.00	\$63,000.00
812-02	Remove Curb and Gutter	LF	1,800.00	\$15.00	\$27,000.00
Total Estimated Amendment Items					\$243,250.00

Please review our calculations and submittals and contact us with any questions. Since the Change Order and Amendment monies required to complete the contract are approximately 10% of the contract amount, we will require executed documents before proceeding with the work.

Finally, the original contract completion date is July 17, 2023, we have submitted requests for weather delays for 78 calendar days. Also, the project has been delayed since June 22, 2023, due to the discovery of the unknown deteriorated drainage system as discussed above. Due to all of these circumstances and the added change order work and contract quantity amendments, we request 120 calendar days to complete the amended contract work, such time beginning upon our receipt of the approved and executed change order and amendment.

Sincerely,



Bruce L. Smith
President

Thapa, Suraj S

From: Miner, Brock A
Sent: Thursday, August 10, 2023 4:15 PM
To: blsmith atlaspavingok.com; Thapa, Suraj S; Miller, Deborah K
Cc: Kyle Smith; Jeff Smith; tyle north (tnorth@atlasasphaltok.com)
Subject: RE: PC-0908 Reno Ave. Change Order #1 and Amendment #1

Bruce,
Thank you for the update. We will process the changes below and get the Change Order over for your review and signature.
Thanks,

Brock Miner, P.E.
Public Works/ Engineering Division
420 W. Main Street, Suite 700
Oklahoma City, Oklahoma 73102
(405) 297-2064 (office)
(405) 541-0409 (cell)

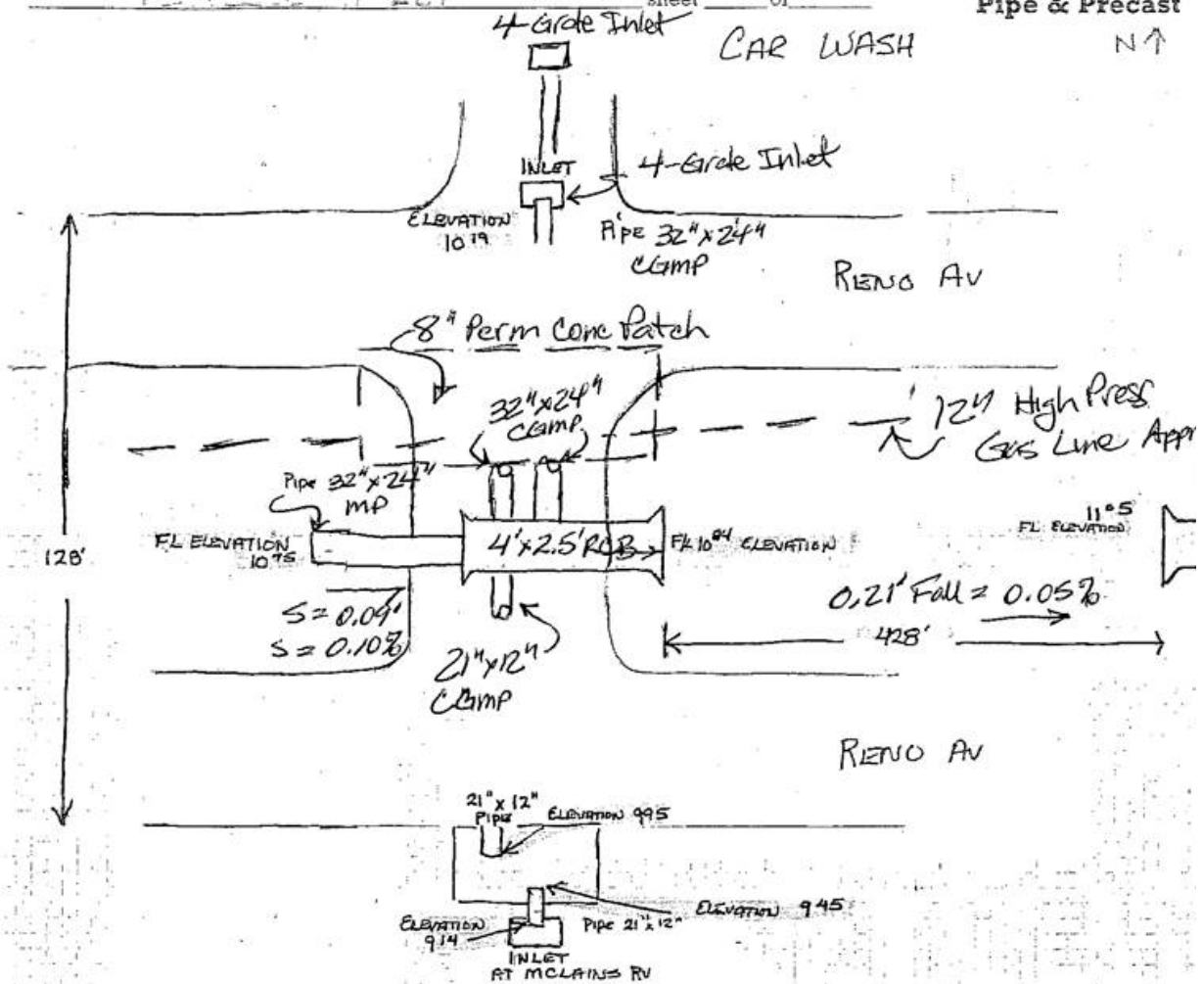
From: blsmith atlaspavingok.com <blsmith@atlaspavingok.com>
Sent: Thursday, August 10, 2023 3:31 PM
To: Miner, Brock A <brock.miner@okc.gov>; Thapa, Suraj S <suraj.thapa@okc.gov>; Miller, Deborah K <debbie.miller@okc.gov>
Cc: Kyle Smith <kylesmith@atlaspavingok.com>; Jeff Smith <jeffsmith@atlaspavingok.com>; tyle north (tnorth@atlasasphaltok.com) <tnorth@atlasasphaltok.com>
Subject: RE: PC-0908 Reno Ave. Change Order #1 and Amendment #1

Ms Debbie Miller

Thanks for your input today. We understand that if the 3" asphalt overlay of the existing permanent concrete patch is removed using the dry method for asphalt milling, that shot blasting the underlying concrete surface will not be necessary.
We believe that we can clean the surface using this method to the satisfaction of City officials prior to the thin lift PC Concrete overlay. If your office is in agreement with our assumptions, we believe that Change Order Item #13 – Shot Blast Prep for Thin Concrete can be removed from the change order. Additionally, we have reviewed our Change Order Item #2 – 3" Asphalt Mill for Thin Conc Overlay and wish to requote that unit price item to \$15.00 per S.Y.
We have recalculated the new Change Order #1 Total Amount to be \$91,400.00

For your information, below please find our drawing of the existing storm sewer system that we uncovered and is the subject of Change Order #1. Please note that this drawing is not to scale.

project RENO & ROCKY MOUNTAIN AV date _____
EASTBOUND AT STA 46+00 drawn by _____
REMOVED 11' L&T sheet _____ of _____
FORTERRA
 Pipe & Precast
 N ↑



46+00

JUNE 22 REMOVALS

(1) STRUCTURE

32' SIDEWALK

44' CURB & GUTTER

From: blsmith atlaspavingok.com
Sent: Wednesday, August 9, 2023 1:11 PM
To: Miner, Brock A <brock.miner@okc.gov>; Thapa, Suraj S <suraj.thapa@okc.gov>
Cc: Kyle Smith <kylesmith@atlaspavingok.com>; Jeff Smith <jeffsmith@atlaspavingok.com>; tyle north (tnorth@atlasasphaltok.com) <tnorth@atlasasphaltok.com>
Subject: PC-0908 Reno Ave. Change Order #1 and Amendment #1

Gentlemen,

As per your request, attached please find our letter outlining events and work item requests for Change Order #1 and Contract Amendment #1 on Reno Avenue from Rockwell Ave to Council Road. We have completed all work that can be performed on this project until decisions are made on how to proceed with the unanticipated issues. Please contact us ASAP concerning our submittal. We are eager to continue work on this project and complete the contract as soon as possible.

Sincerely,
Bruce L Smith
President
Atlas paving Company

From: Miner, Brock A <brock.miner@okc.gov>
Sent: Monday, August 7, 2023 4:10 PM
To: blsmith atlaspavingok.com <blsmith@atlaspavingok.com>
Cc: Kyle Smith <kylesmith@atlaspavingok.com>; Jeff Smith <jeffsmith@atlaspavingok.com>; Thapa, Suraj S <suraj.thapa@okc.gov>; tyle north (tnorth@atlasasphaltok.com) <tnorth@atlasasphaltok.com>
Subject: RE: Concrete thin overlay

Bruce,

Please find the attached 2019 ODOT spec for bonded overlays on concrete pavement, this will be your construction procedure for surface preparations. We approve the Dolese mix code number A406A0DT (no fly ash) with the addition of 4 lbs/cu.yd of the Master Fiber MAC 360FF. The City of Yukon has done this on Cornwell Ave several years back and it has held up great. With Atlas Paving assistance, this will be a pilot project for the OKC to complete and monitor for future projects. This project has a two year maintenance bond, I would be willing to make the areas with the 3" bonded overlay a 1yr maintenance bond with the understanding this is a pilot project. Please don't hesitate to call if you have any questions.

Thanks,

Brock Miner, P.E.
Public Works/ Engineering Division
420 W. Main Street, Suite 700
Oklahoma City, Oklahoma 73102

(405) 297-2064 (office)
(405) 541-0409 (cell)

From: blsmith ataspavingok.com <blsmith@ataspavingok.com>
Sent: Friday, August 4, 2023 5:11 PM
To: Thapa, Suraj S <suraj.thapa@okc.gov>; Tyle North <tnorth@ataspavingok.com>
Cc: Kyle Smith <kylesmith@ataspavingok.com>; Miner, Brock A <brock.miner@okc.gov>; Jeff Smith <jeffsmith@ataspavingok.com>
Subject: RE: Concrete thin overlay

Mr. Thapa,

As per your request, attached please find the mix design(s) as submitted by our concrete supplier, for the "Class AA concrete" with blended fibers to be used for your requested "concrete thin overlay". You will note that two mix designs have been submitted for your review and/or acceptance. Upon your acceptance of a concrete mix design, we will continue with our estimation of costs for the required contract change order required for this added work.

Additionally, Mr. Brock Miner was to supply us with construction procedures and surface preparation requirements and he indicated were available.

Finally, we are not aware of any 3" "concrete thin overlay" being performed anywhere in the greater Oklahoma City area. Since this change order work is untested in the Oklahoma City market and not included in the original contract scope of work, this work will be exempt from overage by our maintenance and performance bond.

Sincerely,
Bruce L Smith
President

From: Thapa, Suraj S <suraj.thapa@okc.gov>
Sent: Tuesday, August 1, 2023 3:33 PM
To: Tyle North <tnorth@ataspavingok.com>; blsmith ataspavingok.com <blsmith@ataspavingok.com>
Cc: Kyle Smith <kylesmith@ataspavingok.com>; Miner, Brock A <brock.miner@okc.gov>
Subject: RE: Concrete thin overlay

Tyle,

After talking with people who have actually done the concrete thin overlay, we have decided to go with the specified Class AA concrete without HES and added blended fibers to this concrete mix.

If there is any question, please contact me.

Sincerely,
SURAJ SINGH THAPA
City of Oklahoma City

Department of Public Works/Engineering Division
420 West Main Street, Suite 700
Oklahoma City, Oklahoma 73102

405-297-2036 Office
405-406-9826 Cell



From: Tyle North <tnorth@atlaspavingok.com>
Sent: Tuesday, August 1, 2023 2:46 PM
To: Thapa, Suraj S <suraj.thapa@okc.gov>; blsmith atlaspavingok.com <blsmith@atlaspavingok.com>
Cc: Kyle Smith <kylesmith@atlaspavingok.com>; Miner, Brock A <brock.miner@okc.gov>
Subject: RE: Concrete thin overlay

Suraj,

We are in receipt of your email.

I apologize for my delayed response, I thought Bruce had seen this email but it did not make it to him.

Please update your contact information for Bruce Smith. His email address is
blsmith@atlaspavingok.com

Once you have the information concerning the microfibers/blended fibers; please send that along to us.

This will allow us to confirm with our vendor and proceed with the Change Order/Amendment quotation.

Thank you again,
Tyle

From: Thapa, Suraj S <suraj.thapa@okc.gov>
Sent: Friday, July 28, 2023 4:58 PM
To: Bruce Smith <bsmith@atlasasphaltok.com>
Cc: Kyle Smith <kylesmith@atlaspavingok.com>; Miner, Brock A <brock.miner@okc.gov>; Tyle North <tnorth@atlaspavingok.com>
Subject: Concrete thin overlay

Bruce,

The city engineer has agreed to proceed the interchange with 3" concrete overlay. We will be using the specified Class AA concrete without HES for this thin overlay. We will have to add microfibers to this concrete. We are looking into blended fiber as an alternative as well. I will follow up on it.

Sincerely,

[SURAJ SINGH THAPA](#)

City of Oklahoma City

Department of Public Works/Engineering Division

420 West Main Street, Suite 700

Oklahoma City, Oklahoma 73102

405-297-2036 Office

405-406-9826 Cell



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