

Amendment No. 9

Oklahoma City Airport Trust
Oklahoma City, Oklahoma

**Rehabilitation/Reconstruction of Runway 13-31 Phase II
Will Rogers World Airport
Project No. OCAT WRWA 2210
AIP Project No. 3-40-0072-087-2022**

Decrease (-) \$1,143,728.33 and 0 Calendar Days

Duit Construction Co., Inc., CONTRACTOR



Signature

Title: Senior Vice President

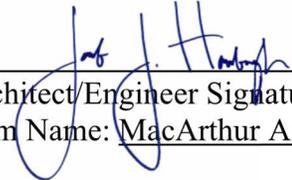


01-17-2024

APPROVAL RECOMMENDED:



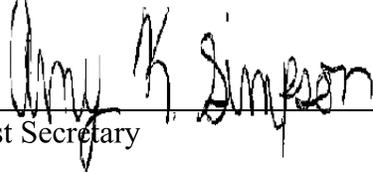
Director of Airports



Architect/Engineer Signature
Firm Name: MacArthur Associated Consultants

APPROVED by the Oklahoma City Airport Trust and signed by the Chairman this 25TH day of JANUARY, 2024 .

ATTEST:



Trust Secretary



OKLAHOMA CITY AIRPORT TRUST:



Chairman

REVIEWED for form and legality:



Assistant Municipal Counselor/
Attorney for the Trust

ITEM NO. 1

Decrease (-) \$26,457.00

Description

Decrease the base bid item quantity for RWY 17R-35L Emergency Restoration by 1.0 EA at \$26,457.00 per each resulting in a contract total of 0.0 EA.

Justification

This pay item was not utilized during construction.

ITEM NO. 2

Decrease (-) \$5,279.04

Description

Decrease the base bid item quantity for 30-Inch RCP Demolition by 288.0 LF at \$18.33 per linear foot resulting in a contract total of 16.0 LF.

Justification

This quantity reflects the actual quantity of demolition of 30-Inch RCP.

ITEM NO. 3

Decrease (-) \$3,392.56

Description

Decrease the base bid item quantity for Storm Sewer Structure Demolition by 4.0 EA at \$848.14 per each resulting in a contract total of 2.0 EA.

Justification

This quantity reflects the actual quantity of demolished storm sewer structures.

ITEM NO. 4

Decrease (-) \$2,504.04

Description

Decrease the base bid item quantity for Installation and Removal of Silt Fence by 813.0 LF at \$3.08 per LF resulting in a contract total of 5,577.0 LF.

Justification

This quantity reflects the actual installation and removal of silt fence.

ITEM NO. 5

Decrease (-) \$24,000.00

Description

Decrease the base bid item quantity for Temporary Mulching by 16.0 acres at \$1,500.00 per acre resulting in a contract total of 0.0 acres.

Justification

This pay item was not utilized during construction.

ITEM NO. 6

Decrease (-) \$33,355.23

Description

Decrease the base bid item quantity for Pavement Removal – Type IIA (6-inch Concrete) by 4,023.55 SY at \$8.29 per square yard resulting in a contract total of 876.45 SY.

Justification

This quantity reflects the actual quantity of Pavement Removal – Type IIA (6-inch Concrete). This item was to be used at the TWY A intersection where concrete was encountered after milling. The area of full-depth removal was much smaller than anticipated. Additionally, the width of removal at the storm sewer lines B, C, and E crossings was able to be reduced.

ITEM NO. 7

Decrease (-) \$3,750.00

Description

Decrease the base bid item quantity for Pavement Removal – Type IA (9 to 15-inch Asphalt) by 1,000.0 SY at \$3.75 per SY resulting in a contract total of 4,500.0 SY.

Justification

This quantity reflects the actual quantity of Pavement Removal – Type IA (9 to 15-inch Asphalt).

ITEM NO. 8

Decrease (-) \$5,625.00

Description

Decrease the base bid item quantity for Pavement Removal – Type ID (5-inch Nominal Depth Cold Milling) by 2,500.0 SY at \$2.25 per SY resulting in a contract total of 18,000.0 SY.

Justification

This quantity reflects the actual quantity of Pavement Removal – Type ID (5-inch Nominal Depth Cold Milling).

ITEM NO. 9

Decrease (-) \$4,000.00

Description

Decrease the base bid item quantity for Borrow Excavation by 500.0 CY at \$8.00 per CY resulting in a contract total of 0.0 CY.

Justification

This pay item was not utilized during construction.

ITEM NO. 10

Decrease (-) \$6,412.77

Description

Decrease the base bid item 36 quantity for Bituminous Base Course by 23.49 tons at \$273.00 per ton resulting in a contract total of 236.51 tons.

Justification

This quantity reflects the actual quantity of Bituminous Base Course.

ITEM NO. 11

Decrease (-) \$657,847.40

Description

Decrease the base bid item 38 quantity for Bituminous Base Course by 4,698.91 tons at \$140.00 per ton resulting in a contract total of 7,041.09 tons.

Justification

This quantity reflects the actual quantity of Bituminous Base Course for deep repairs. This item was to be used to rebuild the full depth removal area at TWY A, but this area was much smaller than anticipated. Also, after the initial milling, it was determined that the additional 5" milling from approximately STA 53+00 to STA 62+40 was not required, resulting in no need to place this Bituminous Base Course in its place. Additionally, the initial lift of Bituminous Base Course within the 5" additional milling area was classified as Bituminous Leveling Course.

ITEM NO. 12

Decrease (-) \$143,209.25

Description

Decrease the base bid item 39 quantity for Bituminous Surface Course by 987.65 tons at \$145.00 per ton resulting in a contract total of 182.35 tons.

Justification

This material was used for the surface course on the blast pad. This specific lot of asphalt failed the air void requirements outlined in AC 150/5370-10H Section P-403, para 403-6.2, Acceptance Criteria, sub paragraph b. A Modification of Standard was submitted to the FAA requesting a 50% partial payment of this lot of asphalt. The FAA agreed to the stated partial payment, which is being paid back via Change Order 2 as a negotiated amount. The quantity that this item is being reduced by is the quantity of the failed asphalt lot on the blast pad.

ITEM NO. 13

Decrease (-) \$28,183.43

Description

Decrease the base bid item quantity for 15.5-inch P.C. Concrete Pavement (Plain) by 283.45 SY at \$99.43 per SY resulting in a contract total of 60,186.55 SY.

Justification

Attachment 1 identifies the sublots of 15.5-inch P.C. Concrete Pavement (Plain) that failed the grade requirements outlined in FAA AC 150/5370-10H Section P-501, para 501-6.6 Acceptance Criteria, sub paragraph b(3). This reduction is based on the 5 % deduction described in this paragraph.

ITEM NO. 14

Decrease (-) \$4,740.30

Description

Decrease the base bid item quantity for 15.5-inch P.C. Concrete Pavement (Reinforced) by 34.35 SY at \$138.00 per SY resulting in a contract total of 1,265.65 SY.

Justification

Attachment 1 identifies the sublots of 15.5-inch P.C. Concrete Pavement (Plain) that failed the grade requirements outlined in FAA AC 150/5370-10H Section P-501, para 501-6.6 Acceptance Criteria, sub paragraph b(3). This reduction is based on the penalty described in this section for grades that are out of compliance.

ITEM NO. 15

Decrease (-) \$3,330.00

Description

Decrease the base bid item quantity for Emulsified Asphalt Tack Coat by 555.0 gallons at \$6.00 per GAL resulting in a contract total of 6,050.0 GAL.

Justification

This quantity reflects the actual quantity of Emulsified Asphalt Tack Coat.

ITEM NO. 16

Decrease (-) \$5,090.68

Description

Decrease the base bid item quantity for Structural Portland Cement Concrete by 10.04 CY at \$507.04 per CY resulting in a contract total of 105.96 CY.

Justification

This quantity reflects the actual quantity of Structural Portland Cement Concrete.

ITEM NO. 17

Decrease (-) \$4,453.68

Description

Decrease the base bid item quantity for Reinforcing Steel by 2,892.0 pounds at \$1.54 per pound resulting in a contract total of 20,400.0 pounds.

Justification

This quantity reflects the actual quantity of Reinforcing Steel.

ITEM NO. 18

Decrease (-) \$42,283.60

Description

Decrease the base bid item quantity Temporary Pavement Marking by 52,854.5 SF at \$0.80 per SF resulting in a contract total of 1,145.5 SF.

Justification

This quantity reflects the actual quantity of Temporary Pavement Marking. Much of the anticipated temporary pavement marking was not needed for this project.

ITEM NO. 19

Decrease (-) \$47,114.52

Description

Decrease the base bid item quantity for the installation of Permanent Pavement Marking by 36,808.22 SF at \$1.28 per SF resulting in a contract total of 17,191.78 SF.

Justification

Only the yellow and black Permanent Pavement Marking was accepted. This reduction in quantity represents the quantity of white Permanent Pavement Marking that was not accepted due to quality and uniformity issues.

ITEM NO. 20

Increase (+) \$603.83

Description

Increase the base bid item quantity for Permanent Pavement Marking Removal by 145.5 SF at \$4.15 per SF resulting in a contract total of 1,145.5 SF.

Justification

This quantity reflects the actual quantity for Permanent Pavement Marking Removal.

ITEM NO. 21

Decrease (-) \$2,250.66

Description

Decrease the base bid item quantity for 60-inch RCP Class IV by 6.0 LF at \$375.11 per LF resulting in a contract total of 510.0 LF.

Justification

This quantity reflects the actual quantity of 60-inch RCP Class IV.

ITEM NO. 22

Decrease (-) \$22,190.00

Description

Decrease the base bid item quantity for Permanent Seeding by 14.0 acres at \$1,585.00 per acre resulting in a contract total of 0.0 acres.

Justification

This pay item was not utilized during construction.

ITEM NO. 23

Decrease (-) \$21,000.00

Description

Decrease the base bid item quantity for Mulching by 14.0 acres at \$1,500 per acre resulting in a contract total of 0.0 acres.

Justification

This pay item was not utilized during construction.

ITEM NO. 24

Increase (+) \$39,680.00

Description

Increase the base bid item quantity for 2" Schedule 40 PVC Duct Concrete Encased Under Pavement or Future Pavement by 1,984.0 LF at \$20.00 per LF resulting in a contract total of 6,484.0 LF.

Justification

The contract quantity for this pay item was incorrect. The item was constructed according to plan and the quantity needs corrected.

ITEM NO. 25

Decrease (-) \$16,188.00

Description

Decrease the base bid item quantity for Extend Existing 4-4”C Duct Bank 35’ Extension by 4.0 EA at \$4,047.00 per EA resulting in a contract total of 0.0 EA.

Justification

This pay item was not utilized during construction. One duct bank anticipated for replacement was found to be in good condition once uncovered.

ITEM NO. 26

Decrease (-) \$69,225.00

Description

Decrease the base bid item quantity for Remove and Replace Collapsed 4-4”C Duct Bank by 500.0 LF at \$138.45 per LF resulting in a contract total of 0.0 LF.

Justification

This pay item was not utilized during construction. It was included in the contract at the discretion of the airport and the engineer and, during construction, it was determined that there was not a need to replace any duct banks that were crossing the runway.

ITEM NO. 27

Decrease (-) \$2,130.00

Description

Decrease the base bid item quantity for Break Out and Remove Abandoned Sign Pad by 1.0 EA at \$2,130.00 per EA resulting in a contract total of 0.0 EA.

Justification

This pay item was not utilized during construction.

In consideration of these changes, Duit Construction Co. Inc. Contract is altered as follows:

Original Contract Amount		\$18,122,219.57
Amendment No. 1	(-)	\$2,417,573.62
Change Order No. 1	(+)	\$2,089,268.36
Amendment No. 2	(+)	\$400,409.80
Amendment No. 3	(+)	\$38,708.55
Amendment No. 4	(+)	\$31,567.26
Amendment No. 5	(+)	\$6,995.62
Amendment No. 6	(+)	150,451.92
Amendment No. 7	(+)	\$6,924.48
Amendment No. 8	(+)	\$24,015.75
Amendment No. 9	(-)	\$1,143,728.33
Change Order No. 2	(+)	\$77,152.74

NEW CONTRACT AMOUNT	(+)	\$17,386,412.10
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Original Contract Duration		300 Calendar Days
Amendment No. 1	(+)	25 Calendar Days
Change Order No. 1		0 Calendar Days
Amendment No. 2	(+)	28 Calendar Days
Amendment No. 3	(+)	14 Calendar Days
Amendment No. 4	(+)	9 Calendar Days
Amendment No. 5	(+)	5 Calendar Days
Amendment No. 6	(+)	10 Calendar Days
Amendment No. 7		0 Calendar Days
Amendment No. 8	(+)	5 Calendar Days
Amendment No. 9		0 Calendar Days
Change Order No. 2		0 Calendar Days

NEW CONTRACT DURATION	(+)	396 Calendar Days
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Notice to Proceed Date	October 24, 2022
NEW COMPLETION DATE	November 24, 2023

END OF AMENDMENT NO. 9

ATTACHMENT A



PORTLAND CEMENT CONCRETE PAVEMENT GRADES (P-501)

AIP Project No. 3-40-0072-087-2022
 Rehabilitation/Reconstruction Of Runway 13-31 Phase 2
 Will Rogers World Airport
 Oklahoma City, OK

Lot No.	Total Points	Passing Points	Percent Passing	15.5-inch P.C Concrete Pavement (Plain)			15.5-inch P.C Concrete Pavement (Reinforced)			Total Cost*
				Area (SY)*	Unit Price	Cost*	Area (SY)*	Unit Price	Cost*	
CS	48	47	98%		\$99.43			\$138.00		
1-1	57	57	100%		\$99.43			\$138.00		
1-2	42	42	100%		\$99.43			\$138.00		
1-3	54	53	98%		\$99.43			\$138.00		
1-4	57	54	95%		\$99.43			\$138.00		
2-1	45	44	98%		\$99.43			\$138.00		
2-2	39	38	97%		\$99.43			\$138.00		
2-3	57	55	96%		\$99.43			\$138.00		
2-4	57	57	100%		\$99.43			\$138.00		
3-1	45	39	87%		\$99.43			\$138.00		
3-2	15	14	93%		\$99.43			\$138.00		
3-3	57	57	100%		\$99.43			\$138.00		
3-4	57	57	100%		\$99.43			\$138.00		
4-1	45	45	100%		\$99.43			\$138.00		
4-2	42	42	100%		\$99.43			\$138.00		
4-3	42	38	90%		\$99.43			\$138.00		
4-4	39	39	100%		\$99.43			\$138.00		
5-1	57	57	100%		\$99.43			\$138.00		
5-2	57	56	98%		\$99.43			\$138.00		
5-3	33	30	91%		\$99.43			\$138.00		
5-4	57	57	100%		\$99.43			\$138.00		
6-1	42	42	100%		\$99.43			\$138.00		
6-2	45	41	91%		\$99.43			\$138.00		
6-3	57	57	100%		\$99.43			\$138.00		
6-4	51	46	90%		\$99.43			\$138.00		
7-1	30	26	87%		\$99.43			\$138.00		
7-2	24	24	100%		\$99.43			\$138.00		
7-3	6	6	100%		\$99.43			\$138.00		
7-4	24	23	96%		\$99.43			\$138.00		
8-1	57	57	100%		\$99.43			\$138.00		
8-2	36	36	100%		\$99.43			\$138.00		
8-3	18	18	100%		\$99.43			\$138.00		
8-4	45	45	100%		\$99.43			\$138.00		
9-1	24	24	100%		\$99.43			\$138.00		
9-2	18	18	100%		\$99.43			\$138.00		
9-3	57	55	96%		\$99.43			\$138.00		
9-4	57	57	100%		\$99.43			\$138.00		
10-1	51	51	100%		\$99.43			\$138.00		
10-2	36	36	100%		\$99.43			\$138.00		
10-3	36	35	97%		\$99.43			\$138.00		
10-4	51	51	100%		\$99.43			\$138.00		
11-1	60	60	100%		\$99.43			\$138.00		
11-2	57	57	100%		\$99.43			\$138.00		
11-3	24	22	92%		\$99.43			\$138.00		
11-4	57	57	100%		\$99.43			\$138.00		
12-1	57	57	100%		\$99.43			\$138.00		
12-2	30	30	100%		\$99.43			\$138.00		
12-3	39	37	95%		\$99.43			\$138.00		
12-4	39	39	100%		\$99.43			\$138.00		
13-1	25	23	92%		\$99.43			\$138.00		
13-2	12	9	75%		\$99.43			\$138.00		
13-3	18	13	72%	100	\$99.43	\$9,943.00	442	\$138.00	\$60,996.00	\$70,939.00
13-4	25	24	96%		\$99.43			\$138.00		
14-1	24	18	75%		\$99.43			\$138.00		
14-2	30	26	87%		\$99.43			\$138.00		
14-3**	17	11	65%	0	\$99.43	\$0.00	245	\$138.00	\$33,810.00	\$33,810.00
14-4	11	9	82%		\$99.43			\$138.00		
15-1	39	39	100%		\$99.43			\$138.00		
15-2	27	26	96%		\$99.43			\$138.00		
15-3	37	37	100%		\$99.43			\$138.00		
15-4	30	30	100%		\$99.43			\$138.00		

16-1	57	57	100%		\$99.43			\$138.00		
16-2	63	61	97%		\$99.43			\$138.00		
16-3	60	59	98%		\$99.43			\$138.00		
16-4	54	54	100%		\$99.43			\$138.00		
17-1	54	46	85%		\$99.43			\$138.00		
17-2	51	43	84%		\$99.43			\$138.00		
17-3	39	39	100%		\$99.43			\$138.00		
17-4	30	26	87%		\$99.43			\$138.00		
18-1	39	30	77%		\$99.43			\$138.00		
18-2	30	26	87%		\$99.43			\$138.00		
18-3	39	39	100%		\$99.43			\$138.00		
18-4	30	28	93%		\$99.43			\$138.00		
19-1	57	53	93%		\$99.43			\$138.00		
19-2	30	30	100%		\$99.43			\$138.00		
19-3	42	42	100%		\$99.43			\$138.00		
19-4	36	25	69%	643	\$99.43	\$63,933.49	0	\$138.00	\$0.00	\$63,933.49
20-1	18	16	89%		\$99.43			\$138.00		
20-2	18	12	67%	422	\$99.43	\$41,959.46	0	\$138.00	\$0.00	\$41,959.46
20-3	45	37	82%		\$99.43			\$138.00		
20-4	45	23	51%	822	\$99.43	\$81,731.46	0	\$138.00	\$0.00	\$81,731.46
21-1	54	18	33%	993	\$99.43	\$98,733.99	0	\$138.00	\$0.00	\$98,733.99
21-2**	28	19	68%	472	\$99.43	\$46,930.96	0	\$138.00	\$0.00	\$46,930.96
21-3**	45	37	82%		\$99.43		0	\$138.00		
21-4	36	33	92%		\$99.43			\$138.00		
22-1**	42	28	67%	758	\$99.43	\$75,367.94	0	\$138.00	\$0.00	\$75,367.94
22-2**	39	25	64%	701	\$99.43	\$69,700.43	0	\$138.00	\$0.00	\$69,700.43
22-3	42	20	48%	758	\$99.43	\$75,367.94	0	\$138.00	\$0.00	\$75,367.94
22-4	4	4	100%		\$99.43			\$138.00		

*Only calculated for sublots that did not meet the 75% passing requirement for grading.

**Contains points long existing pavement that may be out of compliance but are NOT counted against % passing

Total* \$ 658,474.67
Pay reduction (5%)* \$ 32,923.73