



Airport

DATE: June 11, 2024

FROM: Greg Haug, Airport Director

ITEM: Asphalt Surface Technologies Corporation Change Order #1

REQUEST:

Consider Asphalt Surface Technologies Corporation Change Order #1 to August 11, 2023 Agreement.

BACKGROUND INFORMATION:

On August 8, 2023, the Board approved the Asphalt Surface Technologies Corporation's agreement for Asphalt Pavement Maintenance at Bismarck Airport. This change order would authorize the Contractor to apply a micro-surface seal coat to the Lancair Drive pavement that was constructed in 2023. This portion of Lancair Drive was not included as part of the surface seal project because this project had the potential to be completed in 2023. Since this seal project was rescheduled, the Lancair Drive asphalt pavement is in place and can be sealed along with the rest of the asphalt pavement. Change Order #1 uses unit costs from the original bid. Change Order #1 increases the agreement cost from \$1,664,242.87 by \$61,677.00 to a new total cost of \$1,725,919.87.

RECOMMENDED CITY COMMISSION ACTION:

Approve Asphalt Surface Technologies Corporation Change Order #1 to August 11, 2023 Agreement at Enclosure 1.

STAFF CONTACT INFORMATION:

Greg Haug, Airport Director, 701-355-1805, ghaug@bismarcknd.gov

ATTACHMENTS:

1. KLJ Change Order No. 1

Change Order No. 1
Date June 4, 2024
Airport Name Bismarck Airport
Location Bismarck, ND
Contract Description 2023 Asphalt Pavement Rehabilitation Project
Contract Date August 11, 2023
AIP Project # TBD
KLJ Project # 2205-01996
Owner Project # APG.ASPHALT.CONST
Owner G/L Code: 600-620-603-6730-220
Contract # 2023-0061 Asphalt Surface Tech



Owner	Contractor	Engineer
City of Bismarck	Asphalt Surface Technologies Corporation	KLJ Engineering LLC
PO Box 991	PO Box 1025	400 East Broadway, Suite 600
Bismarck, ND 58502-0991	St. Cloud, MN 56302	Bismarck, ND 58501

General Reason for Change (quantify and explain details in sections 2 and 3)
 Division 4, Item 4 Apply Micro Surface Seal Coat to Lancair Drive Pavement Constructed in 2023

	AIP Eligible	AIP Ineligible	Total
Total Contract Amount Prior to this Change Order	\$ 809,148.15	\$ 855,094.72	\$ 1,664,242.87
Change Resulting from this Change Order	61,677.00	-	61,677.00
Total Contract Amount After this Change Order	\$ 870,825.15	\$ 855,094.72	\$ 1,725,919.87

Prerequisites to Substantial Completion	
Prerequisites to Substantial Completion date prior to this Change Order	August 16, 2024
Change resulting from this Change Order	0
Revised Prerequisites to Substantial Completion date from this Change Order	August 16, 2024
Prerequisites to Final Acceptance	
Prerequisites to Final Acceptance date prior to this Change Order	October 31, 2024
Change resulting from this Change Order	0
Revised Prerequisites to Final Acceptance date from this Change Order	October 31, 2024

Change Order approved by:

06/04/2024

 Date

6-4-24

 Date

 Date

 KLJ Engineering LLC

 Asphalt Surface Technologies Corporation

 City of Bismarck

Summary of Changes

Airport Name Bismarck Airport
 Location Bismarck, ND
 AIP Project # TBD
 Contractor Asphalt Surface Technologies Corporation

Change Order No. 1
 Section 2

KLJ Project # 2205-01996
 Owner's Project # 2023-0061 Asphalt Surface Tech

Item #			Quantities			Unit	Unit Price	Revised Cost	Changed Cost
			Planned	Revised	Change				
AIP Eligible									
Division 1 - Jetway Avenue, Including Connector from Terminal Boulevard to Jetway Avenue (AIP Eligible)									
1	C-105	Mobilization	1.00			L.S.	\$ 150,000.00	\$ -	\$ -
2	P-605	Rubber Crack Fill	500			L.F.	7.50	-	-
3	Plan Notes	Large Crack Repair	275			L.F.	25.50	-	-
4	P-620	Pavement Markings (Temporary)	390			S.F.	11.87	-	-
5	P-620	Pavement Markings	390			S.F.	11.87	-	-
6	P-629	Micro Surface Seal Coat	1,280			S.Y.	10.50	-	-
7	Local and State	Traffic Control	1.00			L.S.	5,000.00	-	-
8	Local and State	Contractor Staging / Storage Area	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 1								\$ -	\$ -
AIP Ineligible									
Division 2 - Jetway Avenue (AIP Ineligible)									
1	P-605	Rubber Crack Fill	1,900			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	725			L.F.	25.50	-	-
3	P-620	Pavement Markings (Temporary)	1,000			S.F.	11.87	-	-
4	P-620	Pavement Markings	1,000			S.F.	11.87	-	-
5	P-629	Micro Surface Seal Coat	4,576			S.Y.	10.50	-	-
6	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 2								\$ -	\$ -
AIP Ineligible									
Division 3 - E911 Parking Lot (AIP Ineligible)									
1	P-605	Rubber Crack Fill	250			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	250			L.F.	25.50	-	-
3	P-620	Pavement Markings	200			S.F.	11.87	-	-
4	P-629	Spray Seal Coat	1,254			S.Y.	4.00	-	-
5	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 3								\$ -	\$ -
AIP Eligible									
Division 4 - Lancair Drive including ARFF Access Road and Parking Lot (AIP Eligible)									
1	P-605	Rubber Crack Fill	2,700			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	455			L.F.	25.50	-	-
3	P-620	Pavement Markings	72			S.F.	11.87	-	-
4	P-629	Micro Surface Seal Coat	4,300	10,174	5,874	S.Y.	10.50	106,827.00	61,677.00
5	P-629	Spray Seal Coat	1,224			S.Y.	4.00	-	-
6	Local and State	Traffic Control	1.00			L.S.	5,000.00	-	-
TOTAL DIVISION 4								\$ 106,827.00	\$ 61,677.00
AIP Eligible									
Division 5 - Lancair Loop (AIP Eligible)									
1	P-605	Rubber Crack Fill	192			L.F.	\$ 7.50	\$ -	\$ -
2	P-629	Micro Surface Seal Coat	583			S.Y.	10.50	-	-
3	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 5								\$ -	\$ -
AIP Ineligible									
Division 6 - South Perimeter Service Road South of ARFF and Fuel Farm (AIP Ineligible)									
1	P-605	Rubber Crack Fill	2,300			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	1,100			L.F.	25.50	-	-
3	P-629	Spray Seal Coat	5,263			S.Y.	4.00	-	-
4	Local and State	Traffic Control	1.00			L.S.	4,500.00	-	-
TOTAL DIVISION 6								\$ -	\$ -

Airport Name Bismarck Airport
 Location Bismarck, ND
 AIP Project # TBD
 Contractor Asphalt Surface Technologies Corporation

Change Order No. 1
 Section 2

KLJ Project # 2205-01996
 Owner's Project # 2023-0061 Asphalt Surface Tech

Item #			Quantities			Unit	Unit Price	Revised Cost	Changed Cost
			Planned	Revised	Change				
AIP Eligible									
Division 7 - South Perimeter Road from CS Apron to ARFF, Including ARFF Access from ARFF Apron to Taxiway C (AIP Eligible)									
1	P-605	Rubber Crack Fill	600			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	860			L.F.	25.50	-	-
3	P-620	Pavement Markings (Temporary)	218			S.F.	11.87	-	-
4	P-620	Pavement Markings	465			S.F.	11.87	-	-
5	P-629	Spray Seal Coat	3,805			S.Y.	4.00	-	-
6	Local and State	Traffic Control	1.00			L.S.	4,500.00	-	-
TOTAL DIVISION 7								\$ -	\$ -
AIP Eligible									
Division 8 - Corporate Circle (AIP Eligible)									
1	P-605	Rubber Crack Fill	250			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	100			L.F.	25.50	-	-
3	P-620	Pavement Markings (Temporary)	24			S.F.	11.87	-	-
4	P-620	Pavement Markings	24			S.F.	11.87	-	-
5	P-629	Micro Surface Seal Coat	1,873			S.Y.	10.50	-	-
6	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 8								\$ -	\$ -
AIP Ineligible									
Division 9 - Maintenance Shop Service Road (AIP Ineligible)									
1	P-605	Rubber Crack Fill	200			L.F.	\$ 7.50	\$ -	\$ -
2	P-629	Spray Seal Coat	775			S.Y.	4.00	-	-
3	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 9								\$ -	\$ -
AIP Ineligible									
Division 10 - CS Apron Service Road (AIP Ineligible)									
1	P-605	Rubber Crack Fill	600			L.F.	\$ 7.50	\$ -	\$ -
2	P-629	Spray Seal Coat	1,641			S.Y.	4.00	-	-
3	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 10								\$ -	\$ -
AIP Ineligible									
Division 11 - Airport Employee Parking Lot (AIP Ineligible)									
1	P-605	Rubber Crack Fill	1,000			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	900			L.F.	25.50	-	-
3	P-620	Pavement Markings	607			S.F.	11.87	-	-
4	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 11								\$ -	\$ -
AIP Ineligible									
Division 12 - Economy Parking Lot (AIP Ineligible)									
1	P-605	Rubber Crack Fill	3,000			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	2,000			L.F.	25.50	-	-
3	P-620	Pavement Markings	8,890			S.F.	11.87	-	-
4	P-629	Spray Seal Coat	12,494			S.Y.	4.00	-	-
5	Local and State	Traffic Control	1.00			L.S.	15,000.00	-	-
TOTAL DIVISION 12								\$ -	\$ -
AIP Ineligible									
Division 13 - Terminal Boulevard (AIP Ineligible)									
1	P-605	Rubber Crack Fill	6,300			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	3,600			L.F.	25.50	-	-
3	Local and State	Traffic Control	1.00			L.S.	5,000.00	-	-
TOTAL DIVISION 13								\$ -	\$ -

Airport Name Bismarck Airport
 Location Bismarck, ND
 AIP Project # TBD
 Contractor Asphalt Surface Technologies Corporation

Change Order No. 1
 Section 2

KLJ Project # 2205-01996
 Owner's Project # 2023-0061 Asphalt Surface Tech

Item #			Quantities			Unit	Unit Price	Revised Cost	Changed Cost
			Planned	Revised	Change				
AIP Ineligible									
Division 14 - Rental Car Ready and Return Lots (AIP Ineligible)									
1	P-605	Rubber Crack Fill	1,000			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	450			L.F.	25.50	-	-
3	P-620	Pavement Markings (Temporary)	52			S.F.	11.87	-	-
4	P-620	Pavement Markings	967			S.F.	11.87	-	-
5	P-629	Spray Seal Coat	5,191			S.Y.	4.00	-	-
6	Local and State	Traffic Control	1.00			L.S.	15,000.00	-	-
TOTAL DIVISION 14								\$ -	\$ -
AIP Ineligible									
Division 15 - Rental Car Overflow Lot (AIP Ineligible)									
1	P-605	Rubber Crack Fill	4,100			L.F.	\$ 7.50	\$ -	\$ -
2	P-620	Pavement Markings (Temporary)	44			S.F.	11.87	-	-
3	P-620	Pavement Markings	672			S.F.	11.87	-	-
4	P-629	Spray Seal Coat	13,610			S.Y.	4.00	-	-
5	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 15								\$ -	\$ -
AIP Ineligible									
Division 16 - Cirrus Street (AIP Ineligible)									
1	P-605	Rubber Crack Fill	600			L.F.	\$ 7.50	\$ -	\$ -
2	P-620	Pavement Markings (Temporary)	214			S.F.	11.87	-	-
3	P-620	Pavement Markings	214			S.F.	11.87	-	-
4	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 16								\$ -	\$ -
AIP Eligible									
Division 17 - Maverick Avenue (AIP Eligible)									
1	P-605	Rubber Crack Fill	350			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	670			L.F.	25.50	-	-
3	P-620	Pavement Markings (Temporary)	750			S.F.	11.87	-	-
4	P-620	Pavement Markings	750			S.F.	11.87	-	-
5	P-629	Micro Surface Seal Coat	4,344			S.Y.	10.50	-	-
6	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 17								\$ -	\$ -
AIP Ineligible									
Division 18 - Operations Parking Lot (AIP Ineligible)									
1	P-605	Rubber Crack Fill	800			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	200			L.F.	25.50	-	-
3	P-620	Pavement Markings	46			S.F.	11.87	-	-
4	P-629	Spray Seal Coat	891			S.Y.	4.00	-	-
5	Local and State	Traffic Control	1.00			L.S.	5,000.00	-	-
TOTAL DIVISION 18								\$ -	\$ -
AIP Eligible									
Division 19 - Eclipse Way and North Connection to University Drive (AIP Eligible)									
1	P-605	Rubber Crack Fill	500			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	595			L.F.	25.50	-	-
3	P-620	Pavement Markings (Temporary)	82			S.F.	11.87	-	-
4	P-620	Pavement Markings	82			S.F.	11.87	-	-
5	P-629	Micro Surface Seal Coat	5,881			S.Y.	10.50	-	-
6	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 19								\$ -	\$ -
AIP Eligible									
Division 20 - North Airport Perimeter Service Road (AIP Eligible)									
1	P-605	Rubber Crack Fill	2,600			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	1,400			L.F.	25.50	-	-
3	P-629	Spray Seal Coat	11,089			S.Y.	4.00	-	-
4	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 20								\$ -	\$ -

Airport Name Bismarck Airport
 Location Bismarck, ND
 AIP Project # TBD
 Contractor Asphalt Surface Technologies Corporation

Change Order No. 1
 Section 2

KLJ Project # 2205-01996
 Owner's Project # 2023-0061 Asphalt Surface Tech

Item #			Quantities			Unit	Unit Price	Revised Cost	Changed Cost
			Planned	Revised	Change				
AIP Eligible									
Division 21 - Taxiway B (AIP Eligible)									
1	P-605	Rubber Crack Fill	1,500			L.F.	\$ 7.50	\$ -	\$ -
2	Plan Notes	Large Crack Repair	660			L.F.	25.50	-	-
3	P-620	Pavement Markings (Temporary)	1,898			S.F.	11.87	-	-
4	P-620	Pavement Markings	5,400			S.F.	11.87	-	-
5	P-629	Spray Seal Coat	12,236			S.Y.	4.00	-	-
6	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 21								\$ -	\$ -
AIP Ineligible									
Division 22 - Taxiway B Service Roads (AIP Ineligible)									
1	P-605	Rubber Crack Fill	300			L.F.	\$ 7.50	\$ -	\$ -
2	P-629	Spray Seal Coat	2,536			S.Y.	4.00	-	-
3	Local and State	Traffic Control	1.00			L.S.	2,500.00	-	-
TOTAL DIVISION 22								\$ -	\$ -
TOTAL AIP ELIGIBLE CHANGE								\$ 106,827.00	\$ 61,677.00
TOTAL AIP INELIGIBLE CHANGE								\$ -	\$ -
TOTAL CHANGE								\$ 106,827.00	\$ 61,677.00

The items highlighted in orange are items that are AIP eligible and funded 50 percent under NDAC state grant and 50 percent local match.
 The items highlighted in blue are items that are AIP ineligible and are funded 50 percent under NDAC state grant and 50 percent local match.

Explanation of Changes

Airport Name	Bismarck Airport	Change Order No.	0
Location	Bismarck, ND	Section	3
AIP Project #	TBD	KLJ Project #	2205-01996
Contractor	Asphalt Surface Technologies Corporation	Owner's Project #	2023-0061 Asphalt Surface Tech

Item No. Division 4, Item 4

Description

Apply Micro Surface Seal Coat to Lancair Drive Pavement Constructed in 2023

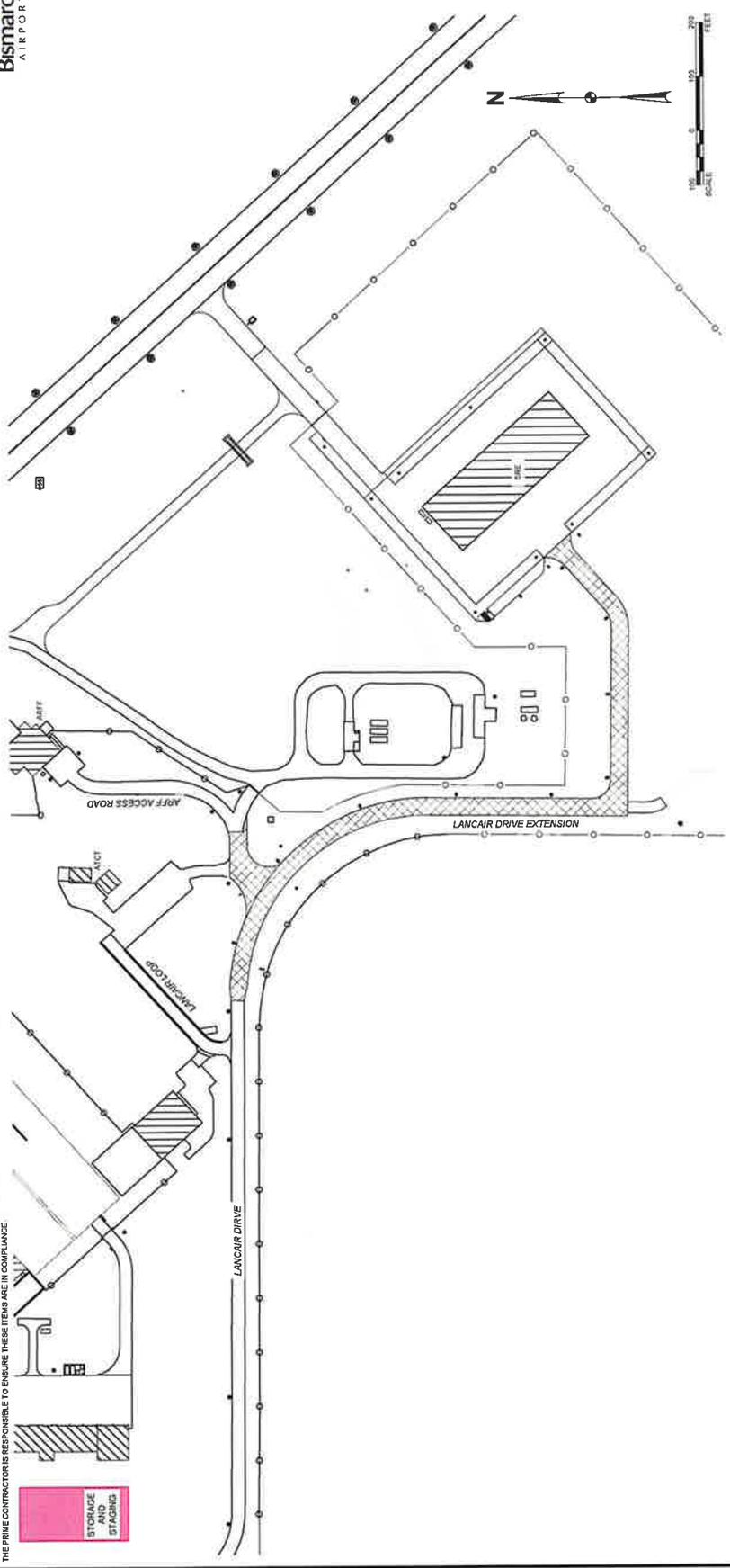
Reason for Change

The Owner would like to apply a micro surface seal coat to the Lancair Drive pavement that was constructed in 2023. This portion of Lancair Drive was not included as part of the asphalt pavement rehabilitation project since the asphalt pavement rehabilitation project had the potential to be completed in 2023. Since the asphalt pavement rehabilitation project is now being completed, the Lancair Drive asphalt pavement is a year old and can be sealed along with the rest of the asphalt pavements.

Since the cost is an extension of the unit price bid, a cost reasonableness determination is not applicable.

NO.	DATE	REVISION

THIS SAFETY PLANS TO BE A VISUAL GUIDANCE ON SAFETY ITEMS THE CONTRACTOR SHALL USE THE CONSTRUCTION OPERATIONS PLAN AND THE SAFETY PLAN. CONTRACTOR SHALL FOLLOW ALL REGULATIONS AND POLICIES OF ALL CONTRACTORS, AGENCIES, AND SUPPORTING CONTRACTORS. WORK FORCE THE PRIME CONTRACTOR IS RESPONSIBLE TO ENSURE THESE ITEMS ARE IN COMPLIANCE.



- LANCAIR DRIVE EXTENSION CSPP RESTRICTIONS**
1. CONTRACTOR MUST MAINTAIN ACCESS AT ALL TIMES DURING CONSTRUCTION. MINIMUM OF ONE LANE. SEE ONE LANE CLOSURE DETAIL.
 2. CONTRACTOR MUST MAINTAIN ACCESS TO BUILDING 46 (ATCT), BUILDING 14 (ARFF), AND THE SRE BUILDING.

LANCAIR DRIVE EXTENSION QUANTITIES

- AP ELIMINABLE
- MICRO SURFACE SEAL COAT
- LANCAR DRIVE - 5.874 SY

CHANGE ORDER #1

