



## Bismarck Airport

**DATE:** 5/6/2021  
**FROM:** Gregory Haug, Airport Director

**ITEM:**

Consider Change Order #10 with Strata Corporation for Short-Term, Economy and Long-Term Parking Expansion.

**REQUEST:**

Consider Change Order #10 with Strata Corporation for Short-Term, Economy and Long-Term Parking Expansion.

Please place this item on the 5/25/2021 City Commission meeting agenda.

**BACKGROUND INFORMATION:**

On April 28, 2020, the Board approved award of bids to General Contractor Strata Corporation for Short-Term, Economy and Long-Term Parking Expansion. Airport Staff desires to add work to Strata's contract to construct an asphalt transition leading up to Gate #185, as well as an asphalt transition from the southeast access road onto taxi lanes in the "B" area, to minimize foreign objects and debris (FOD) on the paved surfaces (Enclosure 1, page 5 diagram). Change Order 10 sets a completion date of July 15, 2021 for the added new work. Change Order 10 adds \$75,021.00 for a new total of \$1,292,762.12. The additional cost is accommodated in the approved project budget.

**RECOMMENDED CITY COMMISSION ACTION:**

Approve Change Order #10 to the April 29, 2020, 2018 agreement with Strata Corporation for Short-Term, Economy and Long-Term Parking Expansion.

**STAFF CONTACT INFORMATION:**

Greg Haug | Airport Director, 355-1800 or [ghaug@bismarcknd.gov](mailto:ghaug@bismarcknd.gov)

1 Enclosure

1. Change Order #10 to the April 29, 2020, 2018 agreement with Strata Corporation.

ON 5-25-21  
AGENDA

# CONTRACT CHANGE ORDER FORM

## DEPARTMENT

Contract between the City of Bismarck and STRATA CORPORATION

Contract Number: 2020-0040 Change Order Number: #10

Project/Subproject: APG. AIP62. NOW AIPCONST Original Contract Amt: \$1,442,857.10

Project Description: SHORT TERM LOW TERM AND ECONOMY LOT EXPANSION

Previous Contract Amount: \$1,217,741.92

Change Order Amount: \$75,021.00 NEW TOTAL: \$1,292,762.92

Original Contract Date: APRIL 29, 2020 Change in Contract Timeline: BY JULY 15, 2021  
PREREQUISITES TO FINAL ACCEPTANCE DATE CHANGED TO AUGUST 14, 2021. NEW WORK COMPLETE

Within Project Scope: (Y) N\*

Within Project Funding: (Y) N\*\*

*\*If not within project scope, attach description of change in scope for Board approval.*

*\*\*If not within project funding, attach revised Project Budget for Board approval.*

## Type of Change Order

Non Design-related Change Order: These change orders include unforeseen conditions, code-related issues, and building inspector changes.

Design-related Change Order: These change orders include unforeseen conditions that affect the appearance, layout, functionality, dimensions, and/or quality of the project.

Emergency Field Condition Change Orders: These change orders include any condition that causes an emergency situation where safety or other immediate losses may occur.

Other: (describe) ADD ASPHALT TRANSITIONS TO GATE 185 AND ONTO B ALFA TRAILWAY.

Project Manager Signature: (<\$15,000) \_\_\_\_\_ Date \_\_\_\_\_

Department Head Signature: (<\$25,000) \_\_\_\_\_ Date \_\_\_\_\_

## ADMINISTRATION

X City Administrator Signature: (<\$50,000) \_\_\_\_\_ Date \_\_\_\_\_

Add to Commission Consent Agenda

## COMMISSION APPROVAL

Commission Approval Date: \_\_\_\_\_

Attach minutes for Commission Approval

## FISCAL

Comments: \_\_\_\_\_  
Signature Date Completed

TO ALL DEPARTMENTS: Please attach a copy of the change order

ENCL 1

**Change Order No.** 10  
**Date** May 5, 2021



**Airport Name** Bismarck Airport  
**Location** Bismarck, North Dakota  
**Contract Description** Short-Term, Economy, and Long-Term Parking Lot Expansion  
**Contract Date** April 29, 2020

**AIP Project #** Non-AIP  
**KLJ Project #** 1905-00848  
**Owner Project #** APG.AIP62.NONAIPCONST

<b>Owner</b>	<b>Contractor</b>	<b>Engineer</b>
City of Bismarck	Strata Corporation	KLJ
PO Box 991	PO Box 13500	4585 Coleman Street
Bismarck, ND 58502-0991	Grand Forks, ND 58208-3500	Bismarck, ND 58503

General Reason for Change (quantify and explain details in sections 2 and 3)

1. Additional Paving on Gate #185 and Taxiway B Access Roads

	<b>Total</b>
Total Contract Amount Prior to this Change Order	\$ 1,217,741.92
Change Resulting from this Change Order	\$ 75,021.00
Total Contract Amount After this Change Order	\$ 1,292,762.92

<b>Working Days</b>	
Working days prior to this Change Order	70
Change resulting from this Change Order **, **	0
Revised working days from this Change Order	70

<b>Prerequisites to Final Acceptance</b>	
Prerequisites to Final Acceptance date prior to this Change Order	June 15, 2021
Change resulting from this Change Order	60
Revised Prerequisites to Final Acceptance date from this Change Order	August 14, 2021

\* For the Electric Vehicle Charging Station Parking Pad (Change Order #4) and Commercial Service Terminal Downspout Drainage Improvements (Change Order #6), the Contractor shall complete the items of work by November 18, 2020.

\* For the Gate #185 and Taxiway B Access Road construction (Change Order #10) , the Contractor shall complete the items of work by July 15, 2021.

Change Order approved by:

\_\_\_\_\_

Date

\_\_\_\_\_

KLJ

\_\_\_\_\_

Date

\_\_\_\_\_

Strata Corporation

\_\_\_\_\_

Date

\_\_\_\_\_

City of Bismarck

**Summary of Changes**

Airport Name Bismarck Airport  
 Location Bismarck, North Dakota  
 AIP Project # Non-AIP  
 Contractor Strata Corporation

Change Order No. 10  
 Section 2  
 KLJ Project # 1905-00848

Item #	Spec #	Item	Quantities			Unit	Unit Price	Revised Cost	Changed Cost
			Planned	Revised	Change				
<b>SCHEDULE 1, DIVISION 1 BASE BID</b>									
1	C-105	Mobilization	1			L.S.	\$ 127,000.00	\$ -	\$ -
2	Local and State	Contractor Staging / Storage Area	1			L.S.	24,000.00	-	-
3	Plan Notes	Remove and Dispose of Bituminous Pavement	232			S.Y.	18.00	-	-
4	Plan Notes	Remove and Dispose of Concrete Pavement	86			S.Y.	42.00	-	-
5	P-151	Tree Removal	2			EA.	2,000.00	-	-
6	P-151	Clearing and Grubbing	1.00			L.S.	18,000.00	-	-
7	Local and State	Unclassified Excavation	2,536			C.Y.	11.00	-	-
8	BIS-203	Watering	66.0			M Gal.	40.00	-	-
9	Plan Notes	Geogrid	5,161			S.Y.	3.60	-	-
10	Plan Notes	Mill and Salvage Bituminous Pavement	383			S.Y.	43.00	-	-
11	P-620	Surface Preparation	2,339			S.F.	2.60	-	-
12	P-620	Marking	2,126			S.F.	4.10	-	-
13	BIS-1212	Flat Sheet for Signs, Type II, IIIA, or IIIB Reflective Sheeting	18			S.F.	40.00	-	-
14	Plan Notes	Recycled Base Course	2,062			C.Y.	13.00	-	-
15	Local and State / BIS-401	AC Superpave (FAA 43)	1,765.00			Ton	94.00	-	-
16	BIS-402	Bituminous Tack Coat	521			Gal.	3.00	-	-
17	BIS-603	Standard Curb and Gutter	358			L.F.	38.00	-	-
18	BIS-603	Curb and Gutter Removed	26			L.F.	8.00	-	-
19	Local and State	Remove and Salvage Existing Bollards and Chain	21			EA.	40.00	-	-
20	Local and State	Bollards and Chain (Installation Only)	29			EA.	60.00	-	-
21	T-901	Seeding	2.12			Acre	1,210.00	-	-
22	T-905	Topsoil (On Site)	255			C.Y.	33.00	-	-
23	Plan Notes	Waste Area Topsoil (On Site)	500			C.Y.	20.00	-	-
24	T-908	Mulching	2.12			Acre	2,090.00	-	-
25	Local and State	Traffic Control	1			L.S.	2,600.00	-	-
26	Local and State	Utility Pothole	4			EA.	935.00	-	-
27	Plan Notes	Inlet Protection	5			EA.	220.00	-	-
28	Plan Notes	Hydrodynamic Separator (CDS 5668)	1			EA.	165,900.00	-	-
29	Plan Notes	Hydrodynamic Separator (Cascade CS-4)	1			EA.	34,540.00	-	-
30	D-701	12-Inch PVC Storm Sewer Pipe (SDR 26)	135			L.F.	154.00	-	-
31	BIS-1205	Concrete Manhole	1			EA.	6,600.00	-	-
32	BIS-1206	Adjust Manhole Casting with Rings	1			EA.	400.00	-	-
33	Plan Notes	Replace Manhole Casting	1			EA.	1,200.00	-	-
34	Local and State	Deciduous Tree, 2" Cal, Furnish and Install	6			EA.	550.00	-	-
35	Local and State	Shrubs #2 Container, Furnish and Install	10			EA.	55.00	-	-
36	Local and State	Landscape Rock, Furnish and Install	6			C.Y.	93.50	-	-
37	Local and State	Irrigation System	1			L.S.	2,090.00	-	-
<b>TOTAL SCHEDULE 1, DIVISION 1 BASE BID</b>								\$	\$
<b>SCHEDULE 1, DIVISION 2 BASE BID</b>									
1	Plan Notes	Remove and Dispose of Bituminous Pavement	28			S.Y.	\$ 18.00	\$ -	\$ -
2	Plan Notes	Remove and Dispose of Concrete Pavement	5			S.Y.	42.00	-	-
3	P-151	Tree Removal	16			EA.	2,000.00	-	-
4	P-151	Clearing And Grubbing	1.00			L.S.	18,000.00	-	-
5	Local and State	Unclassified Excavation	1,924			C.Y.	11.00	-	-
6	Local and State	Watering	46.0			M Gal.	40.00	-	-
7	Plan Notes	Geogrid	3,575			S.Y.	3.60	-	-
8	P-620	Surface Preparation	1,448			S.F.	2.60	-	-
9	P-620	Marking	1,316			S.F.	4.10	-	-
10	BIS-1212	Flat Sheet for Signs, Type II, IIIA, or IIIB Reflective Sheeting	21			S.F.	40.00	-	-
11	Plan Notes	Recycled Base Course	1,311			C.Y.	13.00	-	-
12	Local and State / BIS-401	AC Superpave (FAA 43)	1,132.00			Ton	94.00	-	-
13	BIS-402	Bituminous Tack Coat	340			Gal.	3.00	-	-
14	BIS-603	Standard Curb and Gutter	344			L.F.	38.00	-	-
15	Local and State	Remove and Salvage Existing Bollards and Chain	10			EA.	40.00	-	-
16	Local and State	Bollards and Chain (Installation Only)	28			EA.	60.00	-	-
17	T-901	Seeding	0.24			Acre	2,420.00	-	-
18	T-905	Topsoil (On Site)	254			C.Y.	33.00	-	-
19	T-908	Mulching	0.24			Acre	4,400.00	-	-
20	Plan Notes	Biorolls	500			L.F.	4.40	-	-
21	Local and State	Traffic Control	1			L.S.	1,200.00	-	-
22	Local and State	Utility Pothole	4			EA.	935.00	-	-
23	Local and State	Pipe Bollard	1			EA.	550.00	-	-
24	Local and State	Deciduous Tree, 2" Cal, Furnish and Install	3			EA.	550.00	-	-
25	Local and State	Shrubs #2 Container, Furnish and Install	12			EA.	55.00	-	-
26	Local and State	Landscape Rock, Furnish and Install	9.5			C.Y.	93.50	-	-
27	Local and State	Irrigation System	1			L.S.	935.00	-	-
<b>TOTAL SCHEDULE 1, DIVISION 2 BASE BID</b>								\$	\$

Airport Name Bismarck Airport  
 Location Bismarck, North Dakota  
 AIP Project # Non-AIP  
 Contractor Strata Corporation

Change Order No. 10  
 Section 2  
 KLJ Project # 1905-00848

Item #	Spec #	Item	Quantities			Unit	Unit Price	Revised Cost	Changed Cost
			Planned	Revised	Change				
<b>SCHEDULE 1, DIVISION 3 ALTERNATE A</b>									
1	Plan Notes	Remove and Dispose of Bituminous Pavement	90			S.Y.	\$ 18.00	\$ -	\$ -
2	P-151	Tree Removal	13			EA.	1,500.00	-	-
3	P-151	Clearing and Grubbing	1.00			L.S.	16,000.00	-	-
4	Plan Notes	Remove and Dispose of Existing Manhole	1			EA.	2,600.00	-	-
5	Plan Notes	Obliterate Existing Pavement Painting	790			L.F.	12.00	-	-
6	Local and State	Unclassified Excavation	572			C.Y.	11.00	-	-
7	Local and State	Watering	23.0			M Gal.	40.00	-	-
8	Plan Notes	Geogrid	2,315			S.Y.	3.60	-	-
9	P-620	Surface Preparation	1,524			S.F.	2.00	-	-
10	P-620	Marking	1,385			S.F.	4.20	-	-
11	Plan Notes	Recycled Base Course	849			C.Y.	13.00	-	-
12	Local and State / BIS-401	AC Superpave (FAA 43)	746.00			Ton	94.00	-	-
13	BIS-402	Bituminous Tack Coat	224			Gal.	3.00	-	-
14	BIS-603	Standard Curb and Gutter	79			L.F.	42.00	-	-
15	BIS-603	Curb and Gutter Removed	33			L.F.	8.00	-	-
16	Local and State	Remove and Salvage Existing Bollards and Chain	12			EA.	40.00	-	-
17	Local and State	Bollards and Chain (Installation Only)	20			EA.	60.00	-	-
18	T-901	Seeding	0.56			Acre	2,750.00	-	-
19	T-905	Topsoil (On Site)	137			C.Y.	33.00	-	-
20	T-908	Mulching	0.56			Acre	3,850.00	-	-
21	Plan Notes	Inlet Protection	1			EA.	220.00	-	-
22	Local and State	Traffic Control	1			L.S.	1,400.00	-	-
23	Local and State	Utility Pothole	3			EA.	935.00	-	-
24	Local and State	Deciduous Tree, 2" Cal, Furnish and Install	1			EA.	550.00	-	-
25	Local and State	Shrubs #2 Container, Furnish and Install	11			EA.	55.00	-	-
26	Local and State	Landscape Rock, Furnish and Install	5.5			C.Y.	93.50	-	-
27	Local and State	Irrigation System	1			L.S.	1,980.00	-	-
<b>TOTAL SCHEDULE 1, DIVISION 3 ALTERNATE A</b>								\$ -	\$ -
<b>CHANGE ORDER 1</b>									
CO1-1	CO1	Mobilization Costs for Gate 185 Construction	1			L.S.	\$ 6,166.80	\$ -	\$ -
<b>TOTAL CHANGE ORDER 1</b>								\$ -	\$ -
<b>CHANGE ORDER 2</b>									
CO2-1	CO2	Replace MDU Quasite Box with Manhole in Economy Parking Lot	1			L.S.	\$ 780.00	\$ -	\$ -
<b>TOTAL CHANGE ORDER 2</b>								\$ -	\$ -
<b>CHANGE ORDER 3</b>									
CO3-1	CO3	Irrigation System Modifications	1			L.S.	\$ 4,400.00	\$ -	\$ -
<b>TOTAL CHANGE ORDER 3</b>								\$ -	\$ -
<b>CHANGE ORDER 4</b>									
CO4-1	CO4	Mobilization	1			L.S.	\$ 3,500.00	\$ -	\$ -
CO4-2	CO4	Traffic Control	1			L.S.	2,200.00	-	-
CO4-3	CO4	Sawcut Approach Out of Existing Curb & Gutter	30			L.F.	15.40	-	-
CO4-4	CO4	6" PCC Pavement	32			S.Y.	165.00	-	-
CO4-5	CO4	6" Concrete Sidewalk	33			S.Y.	154.00	-	-
CO4-6	CO4	Joint Seal - Concrete	286			L.F.	1.85	-	-
CO4-7	CO4	Change Seed Mixture in Irrigated Areas	1			L.S.	440.00	-	-
<b>TOTAL CHANGE ORDER 4</b>								\$ -	\$ -
<b>CHANGE ORDER 6</b>									
CO6-1	CO6	Traffic Control	1			L.S.	\$ 2,750.00	\$ -	\$ -
CO6-2	CO6	6" Concrete Sidewalk	38			S.Y.	160.00	-	-
CO6-3	CO6	Joint Seal - Concrete	152			L.F.	1.85	-	-
CO6-4	CO6	Downspout Gate	2			Ea.	550.00	-	-
<b>TOTAL CHANGE ORDER 6</b>								\$ -	\$ -
<b>CHANGE ORDER 7</b>									
CO7-1	CO7	Irrigation System Modifications - EV Charging Station	1			L.S.	\$ 1,650.00	\$ -	\$ -
<b>TOTAL CHANGE ORDER 7</b>								\$ -	\$ -
<b>CHANGE ORDER 9</b>									
CO9-1	CO9	Irrigation System Modifications - Commercial Service Downspout Drainage Improvements	1			L.S.	\$ 646.52	\$ -	\$ -
<b>TOTAL CHANGE ORDER 9</b>								\$ -	\$ -

Airport Name Bismarck Airport  
 Location Bismarck, North Dakota  
 AIP Project # Non-AIP  
 Contractor Strata Corporation

Change Order No. 10  
 Section 2  
 KLJ Project # 1905-00848

Item #	Spec #	Item	Quantities			Unit	Unit Price	Revised Cost	Changed Cost
			Planned	Revised	Change				
<b>CHANGE ORDER 10</b>									
CO10-1	CO10	Mobilization	-	1	1	L.S.	\$ 13,212.00	\$ 13,212.00	\$ 13,212.00
CO10-1	CO10	Traffic Control	-	1	1	L.S.	3,140.00	3,140.00	3,140.00
CO10-1	Local and State	Unclassified Excavation	-	758	758	C.Y.	11.00	8,338.00	8,338.00
CO10-1	Local and State	Watering	-	21	21	M Gal.	40.00	840.00	840.00
CO10-1	Plan Notes	Recycled Base Course	-	650	650	C.Y.	13.00	8,450.00	8,450.00
CO10-1	Local and State / BIS-401	AC Superpave (FAA 43)	-	430	430	Ton	94.00	40,420.00	40,420.00
CO10-1	BIS-402	Bituminous Tack Coat	-	97	97	Gal.	3.00	291.00	291.00
CO10-1	T-905	Topsoil (On Site)	-	10	10	C.Y.	33.00	330.00	330.00
<b>TOTAL CHANGE ORDER 10</b>							<b>\$</b>	<b>75,021.00</b>	<b>\$ 75,021.00</b>
<b>TOTAL CHANGE</b>							<b>\$</b>	<b>75,021.00</b>	<b>\$ 75,021.00</b>

**Explanation of Changes**

Airport Name	Bismarck Airport	Change Order No.	10
Location	Bismarck, North Dakota	Section	3
AIP Project #	Non-AIP	KLJ Project #	1905-00848
Contractor	Strata Corporation	Owner's Project #	APG.AIP62.NONAIPCONST

**Item No. CO10-1**

**Description**

Additional Paving on Gate #185 and Taxiway B Access Roads

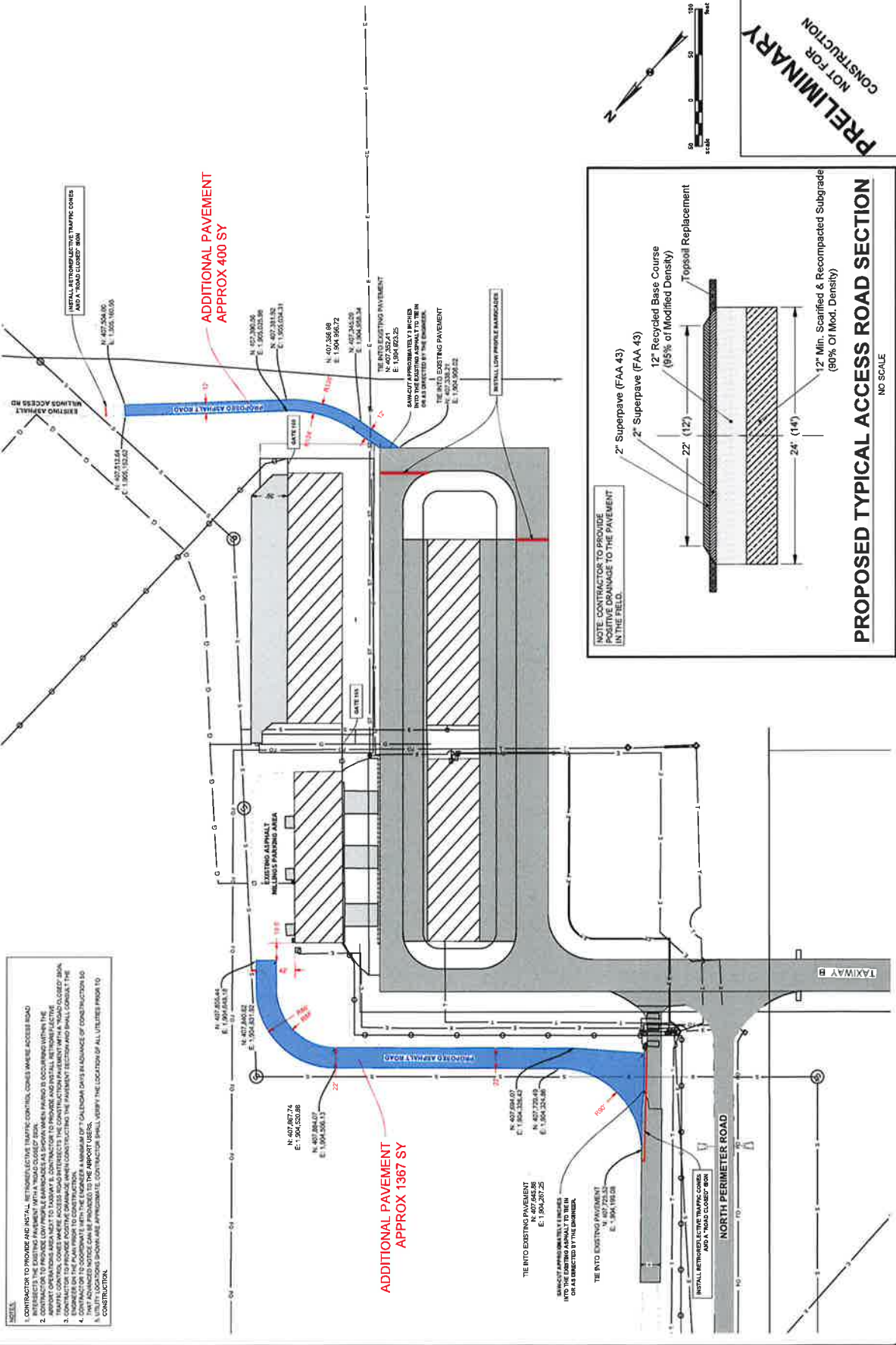
**Reason for Change**

The Owner would like an asphalt transition leading up to Gate 185, as well as an asphalt transition from the southeast access road onto Taxiway B, to minimize FOD on Taxiway B. Quantities shown will be measured per their respective division and unit price bid. In addition, the Contractor requested additional cost for mobilization and the load limit restriction on Airway Avenue, which was added as an additional change order cost. See attached drawing.

The cost appears reasonable.



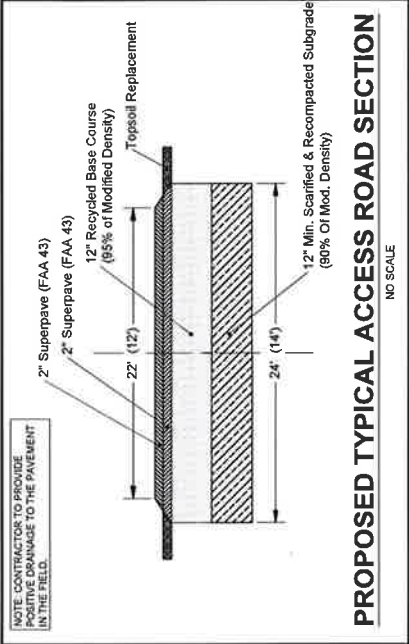
DATE	11/12/2021
BY	KLJ
PROJECT NUMBER	185-0384E
PROJECT LOCATION	BISMARCK AIRPORT
SHEET NUMBER	CO10-1
TOTAL SHEETS	1



- NOTES**
- CONTRACTOR TO PROVIDE AND INSTALL NETWORK EFFECTIVE TRAFFIC CONTROL CONES WHERE ACCESS ROAD IS CLOSED TO TRAFFIC.
  - CONTRACTOR TO PROVIDE CONE BARRIERS AS SHOWN WHEN PARKING IS OCCURRING WITHIN THE AIRPORT OPERATIONS AREA NEXT TO TAXIWAY B. CONTRACTOR TO PROVIDE AND INSTALL NETWORK EFFECTIVE TRAFFIC CONTROL CONES TO PROVIDE POSITIVE DRAINAGE WHEN CONSTRUCTING THE PAVEMENT SECTION AND SHALL CONSULT THE ENGINEER ON THE PLAN PRIOR TO CONSTRUCTION.
  - CONTRACTOR TO PROVIDE POSITIVE DRAINAGE TO THE PAVEMENT SECTION AND SHALL CONSULT THE ENGINEER ON THE PLAN PRIOR TO CONSTRUCTION.
  - THEY ADVANCED NOTICE CAN BE PROVIDED TO THE AIRPORT USERS.
  - CONSTRUCTIONS SHOW ARE APPROXIMATE. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

**ADDITIONAL PAVEMENT APPROX 400 SY**

**ADDITIONAL PAVEMENT APPROX 1367 SY**



**PRELIMINARY**  
 NOT FOR CONSTRUCTION

