

COMMITTEE MEMBERS

Trustees

Art Sperber, Chair
Shaun Carey, Vice Chair
Joel Grace, Member
Cortney Young, Member
Kitty Jung, Alternate
Carol Chaplin, Alternate

Staff Liaison

Gary Probert, Chief Planning &
Infrastructure Officer



PRESIDENT/CEO

Daren Griffin, A.A.E.

CHIEF LEGAL COUNSEL

Ian Whitlock

BOARD CLERK

Lori Kolacek

***** CANCELLATION NOTICE *****

AGENDA

Planning & Construction Committee

The Reno-Tahoe Airport Authority Planning & Construction Committee Meeting scheduled for Tuesday, March 12, 2024 at 9:30 a.m. has been canceled.

For informational purposes, the following documents are attached:

- [1.](#) Administrative Award of Contracts (Expenditures) – February 2024
- [2.](#) Monthly Project Status Report
- [3.](#) Engineering Project Schedule
- [4.](#) MoreRNO Program Schedule

Administrative Report

Date: March 12, 2024

Subject: Administrative Award of Contracts (Expenditures) Pursuant to Resolution No. 557–February 2024

BACKGROUND

At the July 14, 2022, Board of Trustees’ Meeting of the Reno-Tahoe Airport Authority, the Board approved Resolution No. 557 authorizing the President/CEO to administratively award contracts for:

- budgeted professional services when the scope of work is \$200,000 or less, and to approve amendments where the sum of the total net of amendments per agreement does not to exceed \$50,000; and
- budgeted goods, materials, supplies, equipment, technical services, and maintenance contracts when the estimated amount to perform the contract, including all change orders, is \$250,000 or less; and
- budgeted construction contracts when the estimated amount to perform the work is \$500,000 or less, and approve change orders to construction contracts where the sum of the total net of change orders per contract does not exceed \$250,000; and
- budgeted Construction Management and Administration professional service agreements and amendments (“Work Order”) where a single Work Order does not exceed \$250,000.

All construction contracts exceeding \$500,000 must be approved by the Board of Trustees, along with a request to establish an Owner’s Contingency. Additionally, if the Board of Trustees originally approved the construction contract, any construction change order exceeding the sum of the total of the contract and Owner’s Contingency must also be approved by the Board.

DISCUSSION

Resolution No. 557 requires that the President/CEO provide the Board of Trustees with a monthly administrative report listing of all agreements and purchase orders more than \$25,000 and approved administratively as a result of this Resolution. Further, all change orders and amendments approved administratively as a result of this Resolution shall also be included in this administrative report regardless of value.

Agreements and POs in Excess of \$25,000

Date	Name of Company	Dollar Amount	Description	Funding Source	Department / Division
01/16/24	TADERA	\$236,438.00	A 3-Year Technical Services Contract (ending 01/15/27) was issued for SaaS subscription of accounts receivables software.	FY24 O&M	Technology & Information Systems
02/08/24	L3 Harris Technologies	\$95,721.74	A PO was issued for communication equipment, including radios.	FY24 O&M	ARFF
02/29/24	Dell Marketing L.P.	\$61,975.00	A PO was issued for desktop computer replenishment.	FY24 Fixed Assets	Technology & Information Systems

Change Orders and Amendments

Date	Name of Company	Dollar Amount	Description	Funding Source	Department / Division
10/11/23	Western Single Ply Nevada, Inc.	\$1,798.21	CO#1 for the Hangar #6 Small Roof Replacement construction contract was for additional scope of work. Total Contract, including this CO, equals \$62,014.91. [See attached] *clerical error on CO#1 will be corrected on CO#2 noted below	FY24 Special Fund (Stead)	Engineering & Construction
01/15/24	Q&D Construction	\$75,831.37	Owner's Contingency CO#4 for the Loop Road construction contract was for additional scope of work + 2 additional contract days. Total Contract, including this CO, equals \$11,997,393.63. [See attached]	PFC and Federal Grant	Engineering & Construction
01/18/24	KONE, Inc.	(\$18,000.00)	CO#1 for the arrival/departure escalators construction contract was a no cost CO to extend days. CO#2 was a deductive CO for assessing LDs because the contractor did not complete the project within the extended timeframe. Total contract, including these 2 COs, equals = \$1,944,000.00. [See attached]	FY22 CIP	Engineering & Construction
01/29/24	Q&D Construction	\$86,263.03	Owner's Contingency CO#5 for the Loop Road construction contract was for additional scope of work + 2 additional contract days. Total Contract, including this CO, equals \$12,086,656.66. [See attached]	PFC and Federal Grant	Engineering & Construction
01/30/24	ACC Consulting	\$27,250.00	Amendment #2 was issued for a PSA for DBE consulting services. Total Contract, including this amendment, equals \$37,350.00.	FY24 O&M	Engineering & Construction
02/07/24	Western Single Ply Nevada, Inc.	(\$90.00)	CO#2 for the Hangar #6 Small Roof Replacement construction contract was to correct clerical error reported on CO#1. Total Contract, including this CO, equals \$61,924.91. [See attached]	FY24 Special Fund (Stead)	Engineering & Construction
02/16/24	Q&D Construction	\$32,782.90	Owner's Contingency CO#6 for the Loop Road construction contract was for additional scope of work. Total Contract, including this CO, equals \$12,116,439.56. [See attached]	PFC and Federal Grant	Engineering & Construction

Key to abbreviations:

AIP = Airport Improvement Project
CIP = Capital Improvement Program
CFC = Customer Facility Charge

CO = Change Order
NTE = Not to Exceed
PFC = Passenger Facility Charge

PO = Purchase Order
PSA = Professional Service Agreement

**CHANGE
ORDER**

Distribution to:

RTAA PURCHASING ☒
PM/CM ☐
ENGINEER ☒
CONTRACTOR ☒
FAA ☐

Reno-Tahoe Airport Authority

Reno-Tahoe International Airport
Reno-Stead Airport
Box 12490
Reno, NV 89510



Project: Hangar #6 Small Roof Replacement

To: Western Single Ply Nevada Inc.
3442 Neeham Road
Las Vegas, Nevada 89030

Change Order Number 1
Change Order Initiation Date: Oct. 10, 2023
AIP No. (If Applicable)
Contract Date: September 9, 2023

Replace 320' of wood nailers please see attacked quote.

All other terms, conditions, and requirements not modified herein remain unchanged.

Not valid until signed by ALL parties. Execution of this Change Order by both Owner and Contractor constitutes a binding agreement and serves as a full accord and satisfaction of any claim, demand, lien, stop notice or further request for compensation, past or present, known or unknown, and/or time extension arising out of or by virtue of the work described above in the Change Order. Contractor's signature indicates agreement herewith, including any adjustments in the Contract Sum or Contract Time.

The Original Contract Sum was.....	\$60,216.70
Net Changes by Previously Authorized Change Orders	\$0.00
Net Changes by Previously Authorized Contingency Change Orders	\$0.00
The Revised Contract Sum Prior to this Change Order was	\$60,216.70
The Contract Sum will be increased by this Change Order.REV	\$1,798.21
The new Contract Sum, Including this Change Order will be.....	\$62,014.91
The Contract Time will be changed by 90 days	

Authorized

Reno-Tahoe Airport Authority
Owner

Reno-Tahoe Airport Authority
Owner
P.O.Box 12490
Reno, Nevada 89510

Contractor
Western Single Ply Nevada Inc.
3442 Neeham Road
Las Vegas, Nevada 89030

Reno-Tahoe Airport Authority
Owner
P.O. Box 12490
Reno, NV 89510

By:

By: Jackie Borman

By: Brian Sorkin

By: Ted W. Ohm

Date

Date

Date

Date

10/11/23

10/11/2023

Western Single Ply

Specialists in Single Ply Roofing

3442 Neeham Road
North Las Vegas, NV 89030
702-739-6649
License #: 0033396

WSP Change Order #: 01

Date: 10/10/23

Project: Reno-Stead Airport

Sent by: Brian Sorkin

Re: Wood Nailers

Description: Replace the existing deteriorated wood nailers and install approx.
300lf of new 2"x4" nailers

Costs

Lumber: \$160.00 (40 pieces of 2"x4"x8' @ \$4.00)

Fasteners: \$30.00

Labor: \$1,360.00 (16 Hours x \$85.00; demo, procurement and install)

WSP P&O/Mark-Up: \$232.50 (\$1,550.00 x 15%)

Subtotal: \$1,782.50

Tax: \$15.71 (\$190.00 x 8.27%)

Total Cost: \$1,798.21

3442 Neeham Road, North Las Vegas, NV 89030
T: 702-739-6649 | License #: 0033396

RENO-TAHOE AIRPORT AUTHORITY CONTINGENCY CHANGE ORDER



CCO No.

Contractor:

Project:

Solicitation Number:

Summary of Change and List of Attachments:

This Contingency Change Order sets forth the terms and conditions to provide labor, equipment, material, and full compensation to:

Re-grade and adjust the bollard sidewalk per the changes on Addendum 4

Remove and reinstall the existing bollard sidewalk per the changes on Addendum 5

Delete 689 LF of post curb (Bid Item 25)

Install 1,000 LF of 12 inch post curb (Bid Item 25A)

Add 1,000 LF of remove existing curb or curb and gutter (Bid Item 5)

The following items will be added to the schedule of values:

Re-grade and adjust the bollard sidewalk per the changes on Addendum 4	\$	8,246.37
Remove and reinstall the existing sidewalk per the changes on Addendum 5	\$	14,913.00
Bid Item 25 - Post Curb	\$	(35,828.00)
Bid Item 25A - 12 inch Post Curb	\$	70,500.00
Bid Item 5 - Remove Existing Curb or Curb & Gutter	\$	18,000.00
Total amount approved for all changes referenced	\$	75,831.37

The following days will be added to the contract duration:

Install 1,000 LF of 12 inch Post Curb (Bid Item 25A)

Total additional days to contract duration

2
2 calendar days

These changes are to be funded through PFC 15.

Enclosures: Q&D Construction Change Order Request No. 008 - Dated 11/21/2023

Q&D Construction Change Order Request No. 012 - Dated 11/28/2023

Contingency Change Order Summary:

Contract Contingency Total: \$

Total Previously Approved: \$

Total Change this Authorization: \$ ADD

Remaining Contingency Balance: \$

Change in Contract Times:

Original Duration:

Previous Authorization:

This Authorization: ADD

Revised Contract Time:

Contract Summary:

Original Contract: \$

Total Previously Approved CO's \$

Total Previously Approved CCO's \$

Contract Sum Prior to this CCO \$

Total Change this Authorization: \$

New Contract Sum: \$

Contractor Signature

Jeff Bean

Date: 1-11-24

Q&D Construction, Jeff Bean

Project Mgr Signature

Jon Lau

Date: 1-15-24

RTAA Project Mgr: Jon Lau

Construction Mgr Signature

Joe Mamola

Date: 01-04-23

CME, Construction Manager: Joe Mamola

Manager Signature

Jackie Borman

Date: 1-15-24

RTAA Mgr Engineering & Construction: Jackie Borman



Q&D CONSTRUCTION
est. 1964

CHANGE ORDER REQUEST

CCO No. 008

Project No.: 16571 – RTIA Terminal Loop Road Project

Date: 11/21/2023

To: Jon Lau
Reno-Tahoe Airport Authority
2001 E Plumb Lane
Reno, NV 89502

From: Braden Riley
Q&D Construction LLC
PO Box 10865
Reno, NV 89510

Phone: 775-328-6462

Fax:

Email: jlau@renoairport.com

Phone: 775-786-2677

Fax: 775-786-5136

Email: briley@qdconstruction.com

cc: Marc Leone (Q&D), Joe Mamola (CME)

Below is the detail for our proposal to complete the following changes in contract work:

- Change Order Request: PCO#008 – T&M Remove/Reinstall Existing Bollard Sidewalk
 - Proposed Scope of Work: Change order is for labor, equipment, and material to remove and reinstall the bollard sidewalk per changes on Addendum 5 and re-grade and adjust bollard sidewalk per Addendum 4.

CCO Item Sub-Totals	Quantity	Units	Unit Price	Amount
T&M Re-Grade Bollard Sidewalk per Addendum 4	1	LSU	\$8,246.37	\$8,246.37
T&M Remove/Reinstall Existing Bollard Sidewalk per Addendum 5	1	LSU	\$10,560.25	\$10,560.25
T&M Remove/Reinstall Existing Bollard Sidewalk per Addendum 5 – Next Century Rebar	1	LSU	\$4,352.75	\$4,352.75

CCO Item Totals	Change (in Days)	Amount
CCO#008 – T&M Remove/Reinstall Existing Bollard Sidewalk		\$23,158.37

Submitted By:


Braden Riley

11/21/2023
Date

Approved By:

Reno-Tahoe Airport Authority

Date

Addendum 4

JC Detail

Mth	Trans#	Posted Date	Actual Date	Src	Co	Vend# Craft/Class Equip#/Mat#	Description	Earn Fact	Reference	Units	Hours	Cost
16571. RTAA Terminal Loop Road Reconstruction Project												
02.000.000.004	EXTRA - Re-Work Bollard Sidewalk 2 LAB											
08/23	57216	08/31/23	08/25/23	PR	1	NNVLAB/Grou	1961/Arenas-Serafi ST			0.000	4.00	224.08
08/23	57217	08/31/23	08/25/23	PR	1	NNVOPE-M22	689/Taylor ST			0.000	2.00	181.83
08/23	57218	08/31/23	08/25/23	PR	1	NNVOPE-M22	689/Taylor OT			0.000	1.00	125.29
08/23	57219	08/31/23	08/25/23	PR	1	NNVOPE-M22	3201/Kingsley ST			0.000	4.00	337.05
08/23	57220	08/31/23	08/25/23	PR	1	NNVOPE-M22	3201/Kingsley OT			0.000	1.00	115.30
08/23	57221	08/31/23	08/25/23	PR	1	NNVOPE-M22	3103/Lieberman ST			0.000	4.00	327.00
08/23	68503	09/07/23	08/31/23	PR	1	NNVGM/GM Jri	2380/Perez-Jaimes ST			0.000	8.00	627.77
08/23	68504	09/07/23	08/31/23	PR	1	NNVLAB/Grou	2014/Cruz-Ochoa ST			0.000	4.00	222.01
08/23	68505	09/07/23	08/31/23	PR	1	NNVLAB/Grou	3340/Blackburn ST			0.000	5.00	278.48
08/23	68506	09/07/23	08/31/23	PR	1	NNVLAB/Grou	923/Martinez-Acost ST			0.000	4.00	240.65
08/23	68507	09/07/23	08/31/23	PR	1	NNVLAB/Grou	1695/Guillen Lugo ST			0.000	4.00	224.08
08/23	68508	09/07/23	08/31/23	PR	1	NNVOPE-M22	689/Taylor ST			0.000	4.00	363.68
08/23	68509	09/07/23	08/31/23	PR	1	NNVOPE-M22	689/Taylor OT			0.000	0.50	62.62
08/23	68510	09/07/23	08/31/23	PR	1	NNVOPE-M22	3010/Loudenburg ST			0.000	4.00	337.05
08/23	68511	09/07/23	08/31/23	PR	1	NNVOPE-M22	3103/Lieberman ST			0.000	4.00	327.00
08/23	68512	09/07/23	08/31/23	PR	1	SWCARP/App	3451/Havens ST			0.000	5.00	195.03
08/23	68513	09/07/23	08/31/23	PR	1	SWCARP/Fork	1581/Vogelsang ST			0.000	6.00	456.71
08/23	68514	09/07/23	08/31/23	PR	1	SWCARP/Jour	2064/Reyes ST			0.000	5.00	357.02
08/23	68515	09/07/23	08/31/23	PR	1	SWCARP/Jour	3421/Kelly ST			0.000	5.00	357.02
Total for Cost Type: 2										0.000	74.50	5,359.57
02.000.000.004	EXTRA - Re-Work Bollard Sidewalk 4 O EQ											
08/23	47203	08/28/23	08/25/23	EM	1	01-444	Pickup/Chevy/4x4/2			0.000	2.00	34.00
08/23	47204	08/28/23	08/25/23	EM	1	28-156	GPS SPS985 Rove			0.000	4.00	20.00
08/23	47205	08/28/23	08/25/23	EM	1	28-170	GPS Total Station/S			0.000	4.00	36.00
08/23	47206	08/28/23	08/25/23	EM	1	28-118	GPS Data Collector			0.000	4.00	8.00
08/23	47207	08/28/23	08/25/23	EM	1	01-479	John Deere Gator/J			0.000	2.00	20.00
08/23	61172	09/05/23	08/31/23	EM	1	01-444	Pickup/Chevy/4x4/2			0.000	4.00	68.00
08/23	61173	09/05/23	08/31/23	EM	1	52-193	Loader, Wheel/Cat/			0.000	1.00	83.00
08/23	61174	09/05/23	08/31/23	EM	1	01-479	John Deere Gator/J			0.000	4.00	40.00
08/23	61175	09/05/23	08/31/23	EM	1	01-386	Truck, Flatbed/Ford			0.000	5.00	140.00
Total for Cost Type: 4										0.000	30.00	449.00
02.000.000.004	EXTRA - Re-Work Bollard Sidewalk 5 R EQ											
08/23	47208	08/28/23	08/25/23	EM	1	99-310	Excavator w thm/Ca			0.000	4.00	300.00
08/23	47209	08/28/23	08/25/23	EM	1	99-010	Skidsteer / Cat / 28'			0.000	4.00	148.00
08/23	61176	09/05/23	08/31/23	EM	1	99-310	Excavator w thm/Ca			0.000	4.00	300.00
08/23	61177	09/05/23	08/31/23	EM	1	99-010	Skidsteer / Cat / 28'			0.000	4.00	148.00
08/23	61178	09/05/23	08/31/23	EM	1	99-216	Roller/Cat/CB22			0.000	1.00	28.00
08/23	61179	09/05/23	08/31/23	EM	1	99-414	Reachlift/Gehl/1055			0.000	8.00	344.00
Total for Cost Type: 5										0.000	25.00	1,268.00

JC Detail

Mth	Trans#	Posted Date	Actual Date	Src	Co	Vend# Craft/Class Equip#/Mat#	Description	Earn Fact	Reference	Units	Hours	Cost
16571. RTAA Terminal Loop Road Reconstruction Project												
02.000.000.004							EXTRA - Re-Work Bollard Sidewalk 2 LAB					
09/23	28038	09/21/23	09/11/23	PR	1	NNVOPE-M22	689/Taylor	ST		0.000	2.00	182.43
09/23	28039	09/21/23	09/11/23	PR	1	NNVOPE-M22	3201/Kingsley	ST		0.000	8.00	676.50
09/23	28040	09/21/23	09/11/23	PR	1	NNVOPE-M22	3201/Kingsley	OT		0.000	2.50	289.05
09/23	28041	09/21/23	09/12/23	PR	1	NNVOPE-M22	689/Taylor	ST		0.000	2.00	182.43
09/23	28042	09/21/23	09/12/23	PR	1	NNVOPE-M22	3201/Kingsley	ST		0.000	8.00	676.50
09/23	28043	09/21/23	09/12/23	PR	1	NNVOPE-M22	3201/Kingsley	OT		0.000	1.00	115.60
09/23	28044	09/21/23	09/13/23	PR	1	NNVOPE-M22	3201/Kingsley	ST		0.000	2.00	169.12
09/23	28045	09/21/23	09/13/23	PR	1	NNVOPE-M22	3201/Kingsley	OT		0.000	2.50	289.05
Total for Cost Type: 2										0.000	28.00	2,580.68
02.000.000.004							EXTRA - Re-Work Bollard Sidewalk 4 O EQ					
09/23	5921	09/12/23	09/11/23	EM	1	01-444	Pickup/Chevy/4x4/2			0.000	2.00	34.00
09/23	5922	09/12/23	09/11/23	EM	1	28-156	GPS SPS985 Rove			0.000	8.00	40.00
09/23	5923	09/12/23	09/11/23	EM	1	28-170	GPS Total Station/S			0.000	8.00	72.00
09/23	5924	09/12/23	09/11/23	EM	1	28-118	GPS Data Collector			0.000	8.00	16.00
09/23	7426	09/13/23	09/12/23	EM	1	01-444	Pickup/Chevy/4x4/2			0.000	2.00	34.00
09/23	7427	09/13/23	09/12/23	EM	1	28-156	GPS SPS985 Rove			0.000	8.00	40.00
09/23	7428	09/13/23	09/12/23	EM	1	28-170	GPS Total Station/S			0.000	8.00	72.00
09/23	7429	09/13/23	09/12/23	EM	1	28-118	GPS Data Collector			0.000	8.00	16.00
09/23	15169	09/14/23	09/13/23	EM	1	28-156	GPS SPS985 Rove			0.000	4.00	20.00
09/23	15170	09/14/23	09/13/23	EM	1	28-170	GPS Total Station/S			0.000	4.00	36.00
09/23	15171	09/14/23	09/13/23	EM	1	28-118	GPS Data Collector			0.000	4.00	8.00
Total for Cost Type: 4										0.000	64.00	388.00

Addendum 4 Total: \$7,170.76 +15% Mark-Up = **\$8,246.37**

JC Detail

Mth	Trans#	Posted Date	Actual Date	Src	Co	Vend# Craft/Class Equip#/Mat#	Description	Earn Fact	Reference	Units	Hours	Cost
16571. RTAA Terminal Loop Road Reconstruction Project												
02.000.000.005	EXTRA - Remove/Reinstall Bollards & Reinforcing 2 LAB											
09/23	28046	09/21/23	09/11/23	PR	1	NNVLAB/Grou	1082/Zimbelman	ST		0.000	8.00	481.11
09/23	28047	09/21/23	09/11/23	PR	1	SWCARP/App	3451/Havens	ST		0.000	8.00	312.05
09/23	28048	09/21/23	09/11/23	PR	1	SWCARP/Fore	1581/Vogelsang	ST		0.000	8.00	608.95
09/23	28049	09/21/23	09/11/23	PR	1	SWCARP/Fore	1581/Vogelsang	OT		0.000	1.00	105.66
09/23	28050	09/21/23	09/11/23	PR	1	SWCARP/Joui	2064/Reyes	ST		0.000	8.00	571.24
09/23	28051	09/21/23	09/12/23	PR	1	NNVOPE-M22	339/Readhead	ST		0.000	2.00	178.55
09/23	28052	09/21/23	09/12/23	PR	1	SWCARP/App	3451/Havens	ST		0.000	8.00	312.05
09/23	28053	09/21/23	09/12/23	PR	1	SWCARP/Fore	1581/Vogelsang	ST		0.000	8.00	608.95
09/23	28054	09/21/23	09/12/23	PR	1	SWCARP/Fore	1581/Vogelsang	OT		0.000	1.00	105.66
09/23	28055	09/21/23	09/12/23	PR	1	SWCARP/Joui	2064/Reyes	ST		0.000	8.00	571.24
09/23	28056	09/21/23	09/13/23	PR	1	NNVOPE-M22	339/Readhead	ST		0.000	4.00	357.11
09/23	28057	09/21/23	09/13/23	PR	1	SWCARP/App	3451/Havens	ST		0.000	8.00	312.05
09/23	28058	09/21/23	09/13/23	PR	1	SWCARP/Joui	2064/Reyes	ST		0.000	8.00	571.24
09/23	28059	09/21/23	09/13/23	PR	1	SWCARP/Joui	2064/Reyes	OT		0.000	1.00	98.59
09/23	28060	09/21/23	09/13/23	PR	1	SWCARP/Joui	3421/Kelly	ST		0.000	8.00	571.24
09/23	28061	09/21/23	09/14/23	PR	1	SWCARP/App	3451/Havens	ST		0.000	8.00	312.05
09/23	28062	09/21/23	09/14/23	PR	1	SWCARP/Fore	1581/Vogelsang	ST		0.000	8.00	608.95
09/23	28063	09/21/23	09/14/23	PR	1	SWCARP/Fore	1581/Vogelsang	OT		0.000	1.00	105.66
09/23	28064	09/21/23	09/14/23	PR	1	SWCARP/Joui	2064/Reyes	ST		0.000	8.00	571.24
09/23	28065	09/21/23	09/14/23	PR	1	SWCARP/Joui	3421/Kelly	ST		0.000	8.00	571.24
Total for Cost Type: 2										0.000	122.00	7,934.83
02.000.000.005	EXTRA - Remove/Reinstall Bollards & Reinforcing 4 O EQ											
09/23	5925	09/12/23	09/11/23	EM	1	01-386	Truck, Flatbed/Ford			0.000	8.00	224.00
09/23	5926	09/12/23	09/11/23	EM	1	01-344	Truck Flatbed/Interr			0.000	8.00	176.00
09/23	7430	09/13/23	09/12/23	EM	1	01-386	Truck, Flatbed/Ford			0.000	8.00	224.00
09/23	7431	09/13/23	09/12/23	EM	1	01-344	Truck Flatbed/Interr			0.000	8.00	176.00
09/23	15172	09/14/23	09/13/23	EM	1	01-386	Truck, Flatbed/Ford			0.000	8.00	224.00
09/23	16576	09/15/23	09/14/23	EM	1	01-386	Truck, Flatbed/Ford			0.000	8.00	224.00
Total for Cost Type: 4										0.000	48.00	1,248.00
Total For Phase: 02.000.000.005											170.00	9,182.83
Total For Job: 16571.											170.00	9,182.83
Total For Company:1											170.00	9,182.83

Addendum 5 Total: \$9,182.83 +15% Mark-Up = **\$10,560.25**



License #78626

CHANGE ORDER REQUEST

Date: 9/20/2023 CO# 1 Rev# 0 Project: RTIA Loop Road Job #: R23010 Contractor: QD Construction

Bollard change per Addendum #5

	Description	Quantity	Unit Price	Cost	Total Add/Ded
1	FWO				
2	Labor Straight Time	32 hr.			
3	Journeyman	8	\$ 98.37	\$ 786.94	
4	Foreman	24	\$ 104.33	\$ 2,503.85	
5	General Foreman	0	\$ 110.88	\$ -	
6	Material				
7	Reinforcing Steel	- lbs.	\$ 0.83	\$ -	
8					
9					
10					\$ 3,290.79
11	General Conditions				
12	Labor				
13	Detailing	0 hr.	\$ 125.00	\$ -	
14	Project Manager	1 hr.	\$ 150.00	\$ 150.00	
15	Material				
16	Rebar Delivery	- lbs.	\$ 0.04	\$ -	
17	Other Material Delivery			\$ -	
18					\$ 150.00
19					
20	Subtotal			\$ 3,440.79	
21	Material Tax	\$ -	8.265%	\$ -	
22	Subtotal + Tax			\$ 3,440.79	
23	Overhead and Profit	\$ 3,440.79	10.00%	\$ 344.08	
24					
25	Total			\$ 3,785.00	

+ 15% Mark-Up
Sub-Total: \$4,352.75



Q&D CONSTRUCTION
est. 1964

CHANGE ORDER REQUEST

CCO No. 012

Project No.: 16571 – RTIA Terminal Loop Road Project

Date: 11/28/2023

To: Jon Lau
Reno-Tahoe Airport Authority
2001 E Plumb Lane
Reno, NV 89502

From: Braden Riley
Q&D Construction LLC
PO Box 10865
Reno, NV 89510

Phone: 775-328-6462

Fax:

Email: jlau@renoairport.com

Phone: 775-786-2677

Fax: 775-786-5136

Email: briley@qdconstruction.com

cc: Marc Leone (Q&D), Joe Mamola (CME)

Below is the detail for our proposal to complete the following changes in contract work:

- Change Order Request: CCO#012 – 12" Post Curb at Median
 - Proposed Scope of Work: Change order is for equipment, labor, and materials to remove the existing curb and infill under the barrier wall and replace with 12" Post Curb per request at job walk on 11/28/23.
 - Pricing for Bid Item 25A includes labor, equipment, and material to prep, form, and pour the 12" post curb, expansion joint, transverse joints only, and cure.
 - Pricing for Bid Item 5 includes labor, equipment, and material to remove the existing infill portion of the post curb that is not originally shown on plans.

CCO Item Sub-Totals	Quantity	Units	Unit Price	Amount
Bid Item 25 – Post Curb	689	LF	(\$52.00)	(\$35,828.00)
Bid Item 25A – 12" Post Curb	1,000	LF	\$70.50	\$70,500.00
Bid Item 5 – Remove Existing Curb or Curb and Gutter	1,000	LF	\$18.00	\$18,000.00

CCO Item Totals	Change (in Days)	Amount
CCO#012 – 12" Post Curb at Median	2	\$52,672.00

Submitted By:


Braden Riley

11/28/2023
Date

Approved By:

Reno-Tahoe Airport Authority

Date

CHANGE
ORDER

Distribution to:

RTAA PURCHASING ☒
PM/CM ☐
ENGINEER ☒
CONTRACTOR ☒
FAA ☐

Reno-Tahoe Airport Authority

Reno-Tahoe International Airport
Reno-Stead Airport
Box 12490
Reno, NV 89510



Project: Arrival/Departure Escalator MODS

To: Kone Inc.
10151 Croydon Way Suite #2
Sacramento, Calif. 95827

Change Order Number 2

Change Order Initiation Date: January 3, 2024

AIP No. (If Applicable)

Contract Date: September 1, 2022

As per contract, Change Order #1 (attached) and notice of Liquidated Damages (attached) this change order documents the incurred LD's from December 18, 2023 till December 30, 2023.

All other terms, conditions, and requirements not modified herein remain unchanged.

Not valid until signed by ALL parties. Execution of this Change Order by both Owner and Contractor constitutes a binding agreement and serves as a full accord and satisfaction of any claim, demand, lien, stop notice or further request for compensation, past or present, known or unknown, and/or time extension arising out of or by virtue of the work described above in the Change Order. Contractor's signature indicates agreement herewith, including any adjustments in the Contract Sum or Contract Time.

The Original Contract Sum was	\$1,962,000
Net Changes by Previously Authorized Change Orders	\$0.00
Net Changes by Previously Authorized Contingency Change Orders	\$0.00
The Revised Contract Sum Prior to this Change Order was	\$0.00
The Contract Sum will be increased by this Change Order.REV	\$-18,000.00
The new Contract Sum, including this Change Order will be	\$1,944,000
The Contract Time will be changed by 49 days	

Authorized

Reno-Tahoe Airport Authority
Owner
P.O. Box 12490
Reno, Nevada 89510

By:

Date

Reno-Tahoe Airport Authority
Owner
P.O.Box 12490
Reno, Nevada 89510

By: Jackie Borman

Date

Contractor
Kone Inc.
110150 Croydon Way Suite 2
Sacramento, Calif. 95827

Daniel May

By: Daniel May

1/16/2024

Date

Reno-Tahoe Airport Authority
Owner
P.O. Box 12490
Reno, NV 89510

By: Ted W. Ohm

Date

**CHANGE
ORDER**

Distribution to:

RTAA PURCHASING ☒
PM/CM ☐
ENGINEER ☒
CONTRACTOR ☒
FAA ☐

Reno-Tahoe Airport Authority

Reno-Tahoe International Airport
Reno-Stead Airport
Box 12490
Reno, NV 89510



Project: Arrival/Departure Escalator MODS

To: Kone Inc.
10151 Croydon Way Suite #2
Sacramento, Calif. 95827

Change Order Number 1
Change Order Initiation Date: October 19, 2023
AIP No. (If Applicable)
Contract Date: September 1, 2022

No cost change order for time extension for relocated storage, and pit floor changes. New completion date December 18, 2023. This Change Order will remain in effect as long as Kone Inc. Staffs the project fully with two crews (4 journeymen) for the remainder of the project.

All other terms, conditions, and requirements not modified herein remain unchanged.

Not valid until signed by ALL parties. Execution of this Change Order by both Owner and Contractor constitutes a binding agreement and serves as a full accord and satisfaction of any claim, demand, lien, stop notice or further request for compensation, past or present, known or unknown, and/or time extension arising out of or by virtue of the work described above in the Change Order. Contractor's signature indicates agreement herewith, including any adjustments in the Contract Sum or Contract Time.

The Original Contract Sum was.....	\$1,962,000
Net Changes by Previously Authorized Change Orders	\$0.00
Net Changes by Previously Authorized Contingency Change Orders	\$0.00
The Revised Contract Sum Prior to this Change Order was	\$0.00
The Contract Sum will be increased by this Change Order.REV	\$0.00
The new Contract Sum, including this Change Order will be.....	\$1,962,000
The Contract Time will be changed by 49 days	

Authorized

Reno-Tahoe Airport Authority
Owner
P.O. Box 12490
Reno, Nevada 89510

By: _____

Date _____

Reno-Tahoe Airport Authority
Owner
P.O.Box 12490
Reno, Nevada 89510

By: 
Digitally signed by Jackie Borman
DN: cn=US,
ou=Engineering &
Operations, o=Reno-Tahoe
Airport Authority, c=US,
email=jborman@renoairport.com,
date=2023.10.24 12:34:48-0700

October 23, 2023

Date

Contractor
Kone Inc.
110150 Croydon Way Suite 2
Sacramento, Calif. 95827

By: Daniel May 

By: Daniel May

10/23/2023

Date

Reno-Tahoe Airport Authority
Owner
P.O. Box 12490
Reno, NV 89510

By: 

By: Ted W. Ohm

10.23.2023

Date

Ohm, Ted (Facilities Project Manager)

From: Ohm, Ted (Facilities Project Manager)
Sent: Wednesday, December 20, 2023 3:58 PM
To: Daniel May
Cc: Betzina Andrew; Shapiro Justin; Boyle Michael; Cobb, Chris; Borman, Jackie; Nava Albert
Subject: RE: Project delay

Thank you, this should work well.

Ted W. Ohm
Senior Project Manager
Ext. 6423



From: Daniel May <daniel.may@kone.com>
Sent: Wednesday, December 20, 2023 3:56 PM
To: Ohm, Ted (Facilities Project Manager) <tohm@renoairport.com>
Cc: Betzina Andrew <Andrew.Betzina@kone.com>; Shapiro Justin <Justin.Shapiro@KONE.com>; Boyle Michael <michael.boyle@kone.com>; Cobb, Chris <ccobb@renoairport.com>; Borman, Jackie <jborman@renoairport.com>; Nava Albert <albert.nava@kone.com>
Subject: RE: Project delay

[THIS MESSAGE ORIGINATED FROM OUTSIDE OUR ORGANIZATION - DON'T CLICK LINKS OR ATTACHMENTS UNLESS YOU'RE SURE THE CONTENT IS SAFE]

Hi Ted,

Thank you for taking my call earlier to discuss in more detail the needs of the airport. We've implemented a plan to have KONE service mechanic Mark Blume as the dedicated on-call mechanic for the airport during the time requested below. Mark will not be on-call for any other properties as he will only be assigned to take calls for the airport.

Mark lives about 10 minutes away from the airport so his response time will be extremely fast. If something does occur and assistance is needed, please call the KONE 24/7 call center who will have a note on file to dispatch Mark to the airport.

We sincerely apologize for all the trouble that the tardiness in completing these units has caused. We hope that our immediate action of establishing a dedicated on-call mechanic during this extremely important time of the year shows you much we value the relationship we have with you and your team.

Thanks,

Dan May
Senior Project Manager

KONE Inc.

10151 Croydon Way, Suite 2
Sacramento, CA 95827
Mobile (916) 767-4883
24 Hour Hotline 877-276-8691
Email daniel.may@kone.com



From: Daniel May
Sent: Wednesday, December 20, 2023 3:13 PM
To: Ted Ohm (tohm@renoairport.com) <tohm@renoairport.com>
Cc: Betzina Andrew <Andrew.Betzina@kone.com>; Shapiro Justin <Justin.Shapiro@KONE.com>; Boyle Michael <michael.boyle@kone.com>; Cobb, Chris <ccobb@renoairport.com>; Borman, Jackie <jborman@renoairport.com>
Subject: RE: Project delay

Hi Ted,

We want to help resolve this immediately and understand the concerns about only having one unit in each direction without a backup. This issue has been raised to the highest level here, including the Sacramento General Manager Justin Shapiro, the District Construction Manager Andrew Betzina, and our District Vice President Joe Harmeyer. We're working on putting together a plan to meet the needs you mentioned below. I'll be giving you a call shortly.

Thanks,

Dan May
Senior Project Manager

KONE Inc.
10151 Croydon Way, Suite 2
Sacramento, CA 95827
Mobile (916) 767-4883
24 Hour Hotline 877-276-8691
Email daniel.may@kone.com



From: Ohm, Ted (Facilities Project Manager) <tohm@renoairport.com>
Sent: Wednesday, December 20, 2023 2:32 PM
To: Boyle Michael <michael.boyle@kone.com>; Cobb, Chris <ccobb@renoairport.com>; Borman, Jackie <jborman@renoairport.com>
Cc: Daniel May <daniel.may@kone.com>; Betzina Andrew <Andrew.Betzina@kone.com>; Shapiro Justin <Justin.Shapiro@KONE.com>
Subject: Project delay

This message is from an external sender. Be cautious, especially with links and attachments.

Not being able to complete the project by this weekend is completely unacceptable.

I expect a service person to be available over this busy weekend, starting Friday the 22nd at 0700 and continuing until Tuesday the 26th at 0700, with an immediate response time to the airport, in case the other arrival and departure escalators shut down for any reason, at no cost to the airport. Please forward the phone number to be used directly to myself.

Numerous times we have been told these would be complete and ready for use by the 18th, as recently as yesterday we were told by Friday the 22nd, even after losing a complete day for using unlicensed mechanics, we were told by Friday.

Please see the attached change order, where we extended the completion date till December 18th, only as long as the project was fully staffed. Which it has not been. **Currently this contract is accruing liquidated damages, to what extent has yet to be determined.**

Ted W. Ohm
Senior Project Manager
Reno-Tahoe Airport Authority
Reno-Tahoe International Airport
2001 East Plumb Lane
P.O. Box 12490
Reno, Nevada 89510-2490
Phone: 775.328.6423
Fax: 775.328.6428
Cell: 775.690.6540
Email: tohm@renoairport.com



RENO-TAHOE AIRPORT AUTHORITY CONTINGENCY CHANGE ORDER



CCO No. 5

Contractor: Q&D Construction

Project: Terminal Loop Road Reconstruction Project

Solicitation Number: 22/23-09

Summary of Change and List of Attachments:

This Contingency Change Order sets forth the terms and conditions to provide labor, equipment, material, and full compensation to:
Remove and replace existing sidewalk panels at baggage claim and the sky bridge entrance for new improvements to meet ADA standards; remove and replace the existing sidewalk at the south end of ticketing hall to tie into the Ticketing Hall Project improvements and to meet ADA standards; Cut the fortification bollards per revised detail in Addendum 5.

See enclosed cost item breakdown for revisions to be made to the Base Bid Schedule of Values for the following items of work

Remove and replace existing sidewalk at south end of Ticketing Hall	\$	64,457.00
Remove and replace additional baggage claim sidewalk panels	\$	3,143.52
Remove and replace additional Sky Bridge sidewalk panels	\$	7,226.91
CCO No. 05 - Cut Fortification Bollards	\$	11,435.60
Total amount approved for all changes referenced	\$	86,263.03

The following days will be added to the contract duration:

Remove and reinstall concrete sidewalk at the south end of ticketing hall.	2 calendar days
Total additional days to contract duration	2 calendar days

These changes are to be funded with PFC 15.

Enclosures: Schedule of Value Revisions
Revised Sidewalk Plan Sheet - Dated 11/15/2023
Q&D Construction Change Order Request No. 13 - Dated 1/02/2024
Q&D Construction Change Order Request No. 14 - Dated 1/16/2024
Addendum 5 Bollard Detail

Contingency Change Order Summary:

Change in Contract Times:

Contract Contingency Total:	\$	<u>900,000.00</u>	Original Duration:	<u>579</u>
Total Previously Approved:	\$	<u>437,125.63</u>	Previous Authorization:	<u>39</u>
Total Change this Authorization:	\$	<u>86,263.03</u>	ADD/DEDUCT	<u>2</u> ADD
Remaining Contingency Balance:	\$	<u>376,611.34</u>	Revised Contract Time:	<u>620</u>

Contract Summary:

Original Contract:	\$	<u>9,683,268.00</u>
Total Previously Approved CO's	\$	<u>1,877,000.00</u>
Total Previously Approved CCO's	\$	<u>437,125.63</u>
Contract Sum Prior to this CCO	\$	<u>11,997,393.63</u>
Total Change this Authorization:	\$	<u>86,263.03</u>
New Contract Sum:	\$	<u>12,083,656.66</u>

Contractor Signature Jeff Bean Date: 11/18/24

Q&D Construction, Jeff Bean

Project Mgr Signature Jon Lau Date: 1.23.24

RTAA Project Mgr: Jon Lau

Construction Mgr Signature Joe Mamola Date: January 17, 2024

CME, Construction Manager: Joe Mamola

Manager Signature Jackie Borman Date: 1.29.24

RTAA Mgr Engineering & Construction: Jackie Borman

SCHEDULE OF VALUES REVISION

BID ITEM NO.	DEMOLITION NOTES	QTY	UNIT	UNIT PRICE	TOTAL UNIT PRICE
6	REMOVE EXISTING SIDEWALK	259.59	SY	\$ 17.00	\$ 4,413.03
5	REMOVE EXISTING CURB OR CURB & GUTTER	13	LF	\$ 18.00	\$ 234.00
8	REMOVE EXISTING LANDSCAPE	9	SY	\$ 106.00	\$ 954.00
26	CONSTRUCT PCC SIDEWALK PER DETAIL 1 ON SHEET D1	270.59	SY	\$ 160.00	\$ 43,294.40
38	INSTALL 6 INCH DECORATIVE ROCK (MATCH EXISTING)	170	SY	\$ 52.00	\$ 8,840.00
25	CONSTRUCT POST CURB PER DETAIL 6 ON SHEET D7	13	LF	\$ 52.00	\$ 676.00
27	CONSTRUCT RAMP PER COR DETAIL R-106E	12	SY	\$ 224.00	\$ 2,688.00
CCO No. 05-1	REINSTALL EXISTING CHAIN LINK FENCE AND GATE	1	LS	\$ 13,728.00	\$ 13,728.00
CCO No. 05-2	CUT FORTIFICATION BOLLARDS	1	LS	\$ 11,435.60	\$ 11,435.60
TOTAL				\$	86,263.03



CHANGE ORDER REQUEST

CCO No. 013

Project No.: 16571 – RTIA Terminal Loop Road Project

Date: 1/2/2024

To: Jon Lau
Reno-Tahoe Airport Authority
2001 E Plumb Lane
Reno, NV 89502

From: Braden Riley
Q&D Construction LLC
PO Box 10865
Reno, NV 89510

Phone: 775-328-6462

Phone: 775-786-2677

Fax:

Fax: 775-786-5136

Email: jlau@renoairport.com

Email: briley@qdconstruction.com

cc: Marc Leone (Q&D)

Below is the detail for our proposal to complete the following changes in contract work:

- Change Order Request: CCO#013 – Fencing at South Sidewalk Repairs
 - Proposed Scope of Work: Change order is for labor, equipment, and materials to remove existing dog run and chain link fence, and reinstall with existing fencing material to accommodate the sidewalk improvements.

CCO Item Sub-Totals	Quantity	Units	Unit Price	Amount
Fencing at South Sidewalk Repairs	78	LF	\$176.00	\$13,728.00

CCO Item Totals	Change (in Days)	Amount
CCO#013 – Fencing at South Sidewalk Repairs	2	\$13,728.00

Submitted By:

1/2/2024

Braden Riley

Date

Approved By:

Reno-Tahoe Airport Authority

Date



ESTABLISHED
1912

NEVADA LICENSE 5493 A
CALIFORNIA LICENSE 199672

800 Glendale Avenue • P.O. Box 855 • Sparks, Nevada 89432 • Telephone 775.358.8680 • Fax 775.358.7197

December 9, 2023

Q and D Construction
Braden Riley

Subject: RTAA Reinstallation of Fencing at Dog Relief Area

Tholl Fence Company is pleased to confirm our quotation on subject project as follows:

- Reinstall the 55 l.f. of existing 6' tall ornamental iron fencing without gates complete and in place. We are assuming all materials are in acceptable conditions and no replacement of materials is specified or required.
- Reinstall the 23 l.f. of existing 6' tall galvanized chain link fencing including (1) pedestrian gate complete and in place. We are assuming all materials are in acceptable conditions and no replacement of materials is specified or required.

INCLUSIONS

- Prevailing Wage Rates
- A few miscellaneous parts such as ties, hog rings and brackets

EXCLUSIONS

- Removal of existing fencing, storage or replacement of materials.
- Any specialized hardware such as self-closing hinges, panic devices, electric strikes, card readers etc.
- Permits, fees and bonds

Our Quotation LUMP SUM INSTALLED for all items above \$ 8,396.00

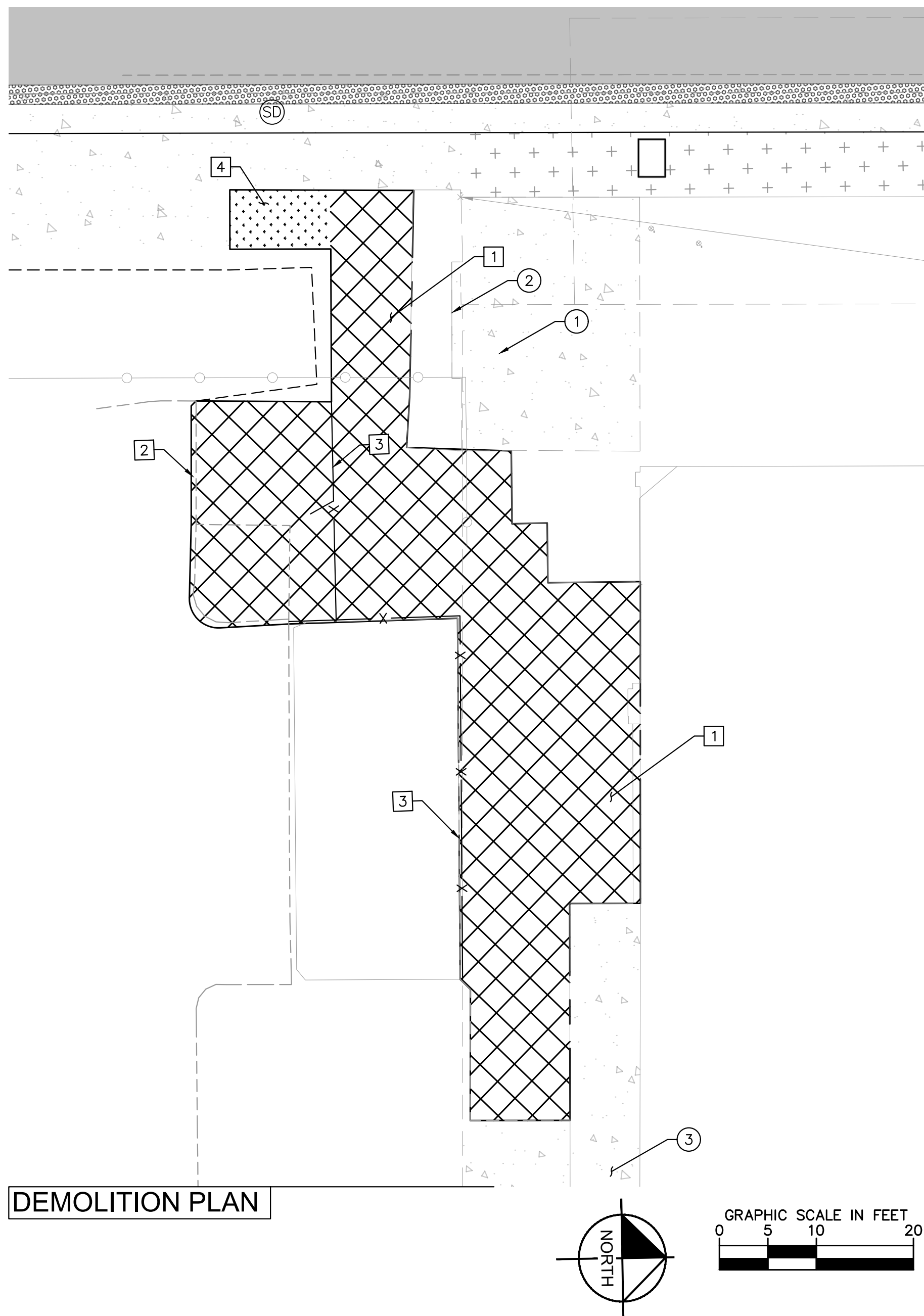
Steve Appelbaum






Tholl Fence, Inc.
800 Glendale Avenue
PO Box 855
Sparks, NV 89432
775.358.8680
775.358.7197 fax
stevea@thollfence.com

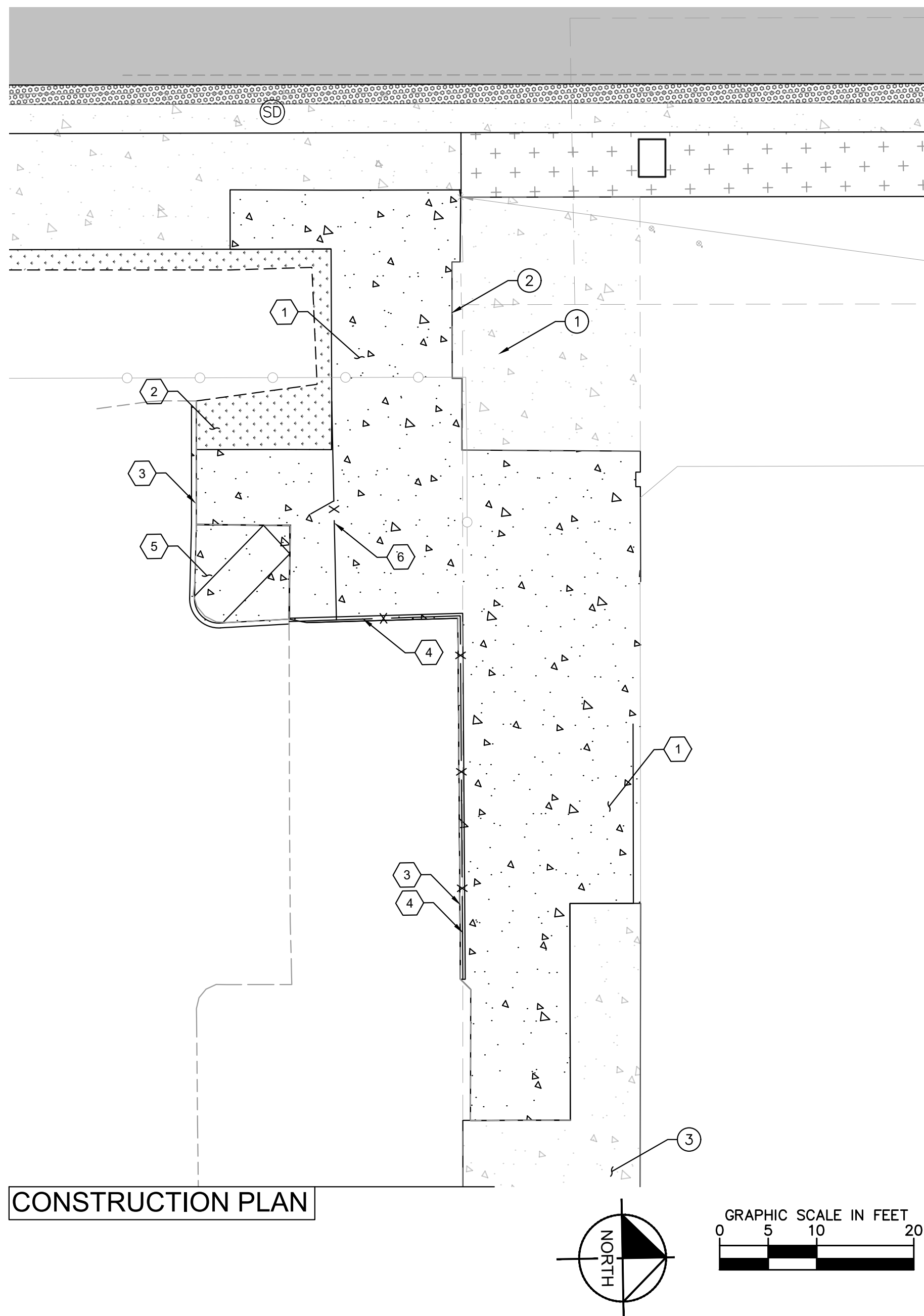
Quality through Experience

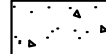

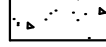
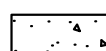
This document, together with the concepts and designs presented therein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Please do not rely without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc. File Path:\K\REN_Altman\NNO\091479021 - RTAA_Terminal Loop Road\02 CAD\Plnsheets\22X34Plans C-Dwg Area.dwg Dated November 13, 2003 12:00:44pm

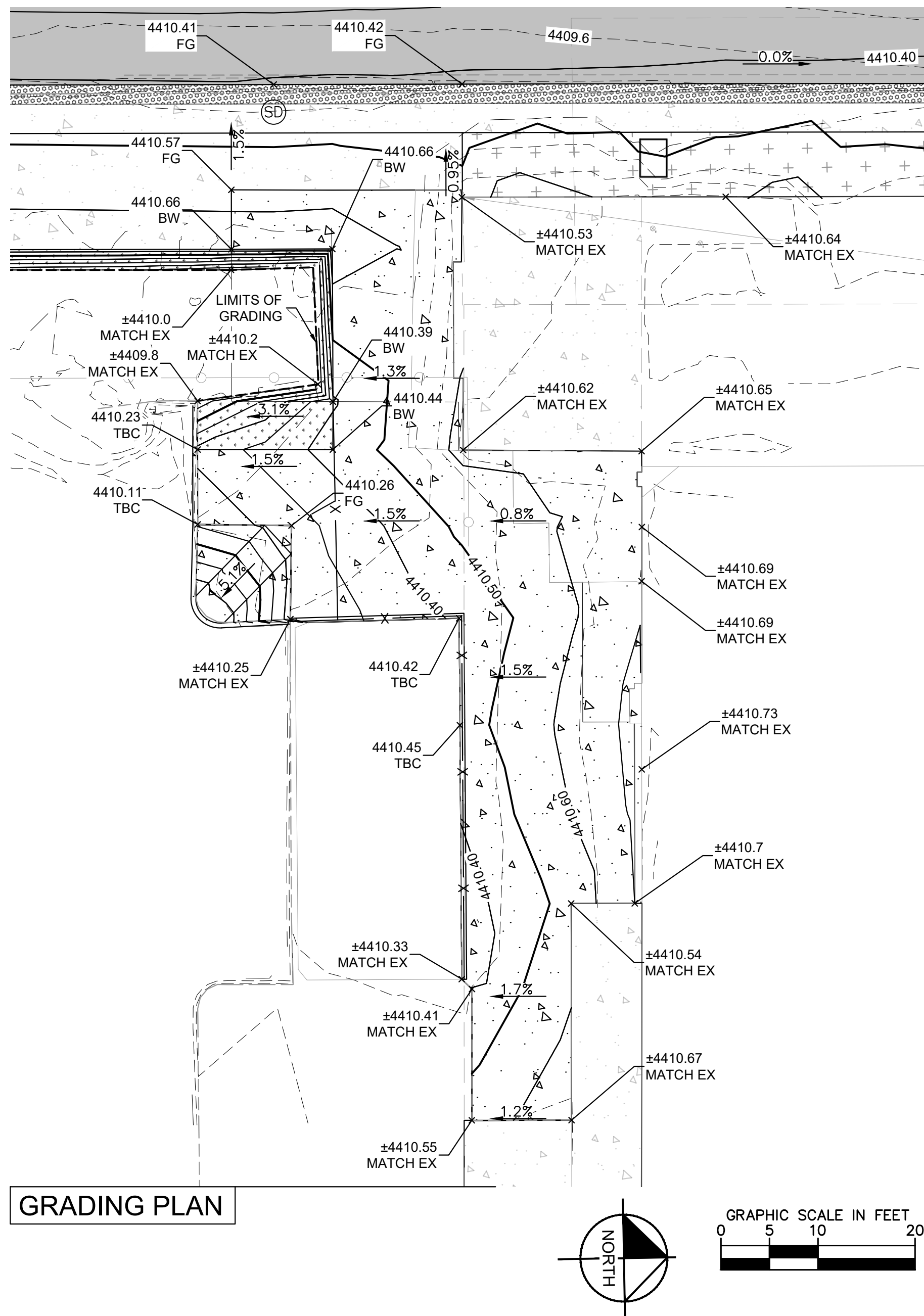
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JENNIFER ALTMAN
091479021 - RTAA_Terminal Loop Road





DEMOLITION NOTES		QUANTITIES
1	REMOVE EXISTING SIDEWALK	 (201 SY)
2	REMOVE EXISTING CURB OR CURB AND GUTTER	 (13 LF)
3	REMOVE AND SALVAGE EXISTING FENCE	 X  (78 LF)
4	REMOVE EXISTING LANDSCAPE	 (9 SY)



CONSTRUCTION NOTES		QUANTITIES
①	CONSTRUCT P.C.C. SIDEWALK PER DETAIL 1 ON SHEET D1	 (212 SY)
②	INSTALL 6 INCH DECORATIVE ROCK, MATCH EXISTING	
③	CONSTRUCT POST CURB PER DETAIL 6 ON SHEET D7	 (13 LF)
④	REINSTALL EXISTING DOG RUN FENCE	————— X ————— (55 LF)
⑤	CONSTRUCT RAMP PER CITY OF RENO DETAIL R-106E	 (12 SY)
⑥	REINSTALL EXISTING CHAIN LINK FENCE AND GATE	————— X ————— (23 LF)



PROTECT IN PLACE NOTES	
① EXISTING CONCRETE PAD, PROTECT IN PLACE	
② EXISTING WALL, PROTECT IN PLACE	
② EXISTING CONCRETE, PROTECT IN PLACE	





CHANGE ORDER REQUEST

CCO No. 014

Project No.: 16571 – RTIA Terminal Loop Road Project

Date: 1/16/2024

To: Jon Lau
Reno-Tahoe Airport Authority
2001 E Plumb Lane
Reno, NV 89502

From: Braden Riley
Q&D Construction LLC
PO Box 10865
Reno, NV 89510

Phone: 775-328-6462

Phone: 775-786-2677

Fax:

Fax: 775-786-5136

Email: jlau@renoairport.com

Email: briley@qdconstruction.com

cc: Marc Leone (Q&D)

Below is the detail for our proposal to complete the following changes in contract work:

- Change Order Request: CCO#014 – T&M Cutting of Bollards to 37" Height
 - Proposed Scope of Work: Change order is for labor, equipment, and materials to cut the fortification bollards to the proposed height per Addendum 5.

CCO Item Sub-Totals	Quantity	Units	Unit Price	Amount
T&M Cutting of Bollards to 37" Height	1	LSU	\$11,435.60	\$11,435.60

CCO Item Totals	Change (in Days)	Amount
CCO#014 – T&M Cutting of Bollards to 37" Height	0	\$11,435.60

Submitted By:

1/16/2024

Braden Riley

Date

Approved By:

Reno-Tahoe Airport Authority

Date



RENO IRON WORKS

(775) 329-1111
Fax: (775) 329-3555
E-mail: Sales@renoironworks.com



Certified Building Fabricator
Certified Bridge Fabricator

January 15, 2024

Braden Riley
Q & D Construction LLC
1050 S 21st St.
Sparks, NV 89431

Email: briley@gdconstruction.com

RE: Change order request #2 Bollards (field cutting)
T&M work 12-15-23, 12-18-23 thru 12-20-23, 12-26-23 and 12-27-23
RIW Job# 3012 RTAA Terminal Loop

Dear Braden

I am submitting this change order request for the additional cost for field cutting bollards.
Field order tickets 2824, 2823, 2801, 2802, 2816 and 2817 attached.

Field	58 Hrs @	\$130.00	\$7,540.00
Trucks	6 Days @	\$250.00	\$1,500.00
	OH & profit	10%	<u>\$904.00</u>
Total Change Order Request #2			\$9,944.00

Per your instructions, I've added two extra hours to field cut one more bollard when our crew remobilizes to erect the arrival canopy later this month.

Sincerely,

Arnel Chua P.E.
Senior Project Manager
Reno Iron Works

333 EAST PARR BLVD RENO, NV 89512

- BRIDGES • STRUCTURAL STEEL FABRICATION & ERECTION • REINFORCING STEEL FABRICATION & PLACEMENT
- SHEAR & BRAKE WORK • MISCELLANEOUS & ORNAMENTAL IRON WORK •

NEVADA LICENSE #4722 CALIFORNIA LICENSE #701075 L.A. CITY FABRICATOR (H.S.S.) LICENSE #1269

**333 E. PARR
RENO, NV 89512**

PH: (775) 329-1111
FAX: (775) 329-3555



TO

Jeff Taylor - Q+D Const.

FIELD ORDER

2824

PHONE	DATE OF ORDER 12-15-23
ORDER TAKEN BY Montana Albite	CUSTOMER'S ORDER NUMBER
<input type="checkbox"/> CONTRACT <input checked="" type="checkbox"/> EXTRA	
JOB NAME/NUMBER Reno Airport - 3012	
JOB LOCATION Reno, NV	
JOB PHONE	STARTING DATE 12-15

The undersigned is authorized to direct Reno Iron Works to furnish the following and agrees that these items are to be paid for as extras to any contract or agreement now in force:

Work ordered by

Date _____

[illegible]

**333 E. PARR
RENO, NV 89512**

PH: (775) 329-1111
FAX: (775) 329-3555

FIELD ORDER

2823



TO

Jeff Taylor - Q+D Const.

PHONE	DATE OF ORDER
	12-18-23
ORDER TAKEN BY	CUSTOMER'S ORDER NUMBER
Montana Abiter	
<input type="checkbox"/> CONTRACT	<input checked="" type="checkbox"/> EXTRA
JOB NAME/NUMBER	
Remo Airport - 3042	
JOB LOCATION	
Remo, NV	
JOB PHONE	STARTING DATE
	1215

Work ordered by

Marc Leone

Date _____

The undersigned is authorized to direct Reno Iron Works to furnish the following and agrees that these items are to be paid for as extras to any contract or agreement now in force:

[illegible]


TO

Q+D Construction

2801

PHONE	DATE OF ORDER
ORDER TAKEN BY <i>Jesster Ponciano</i>	CUSTOMER'S ORDER NUMBER
<input type="checkbox"/> CONTRACT	<input checked="" type="checkbox"/> EXTRA
JOB NAME/NUMBER <i>3012 Reno Tahoe Airport</i>	
JOB LOCATION <i>Reno, NV.</i>	
JOB PHONE	STARTING DATE

Work ordered by Marc Leone
Date 12-19-23

LABOR						DESCRIPTION OF WORK				
CLASS	NAME	HRS.	RATE		AMOUNT					
	elston Panciano	6				- Cut exterior ballards down to 36" above Finish concrete. Grind to a polish smooth.				
						RENTALS AND OTHER CHARGES				
						Field truck & welder				
						TOTAL OTHER				
						NO.	MATERIALS	WT.	RATE	AMOUNT
						None				
						TOTAL MATERIALS				
DATE COMPLETED						TOTAL LABOR				
I hereby acknowledge the satisfactory completion of the above described work.						Thank You				
re  1-3-24						TOTAL LABOR				
						TOTAL OTHER				
						TAX				
						TOTAL				

TO

2802

Date _____

Date _____

LABOR						DESCRIPTION OF WORK				
CLASS	NAME	HRS.	RATE	AMOUNT						
	Joston Ponziano	4				- Cut exterior ballards down to 36" above finish concrete. Grind to a polish smooth				
						RENTALS AND OTHER CHARGES				
						Field Truck & welder				
						TOTAL OTHER				
						NO.	MATERIALS	WT.	RATE	AMOUNT
						None				
						TOTAL MATERIALS				
TOTAL LABOR						TOTAL LABOR				
TOTAL OTHER						TOTAL OTHER				
TAX						TAX				
TOTAL						TOTAL				

I hereby acknowledge the satisfactory completion of the above described work.

Signature _____
Date 1-3-74

Thank You

333 E. PARR
RENO, NV 89512

PH: (775) 329-1111
FAX: (775) 329-3555



TO

Q-D Construction

FIELD ORDER

2816

PHONE	DATE OF ORDER
ORDER TAKEN BY	CUSTOMER'S ORDER NUMBER
<input type="checkbox"/> CONTRACT <input checked="" type="checkbox"/> EXTRA	
JOB NAME/NUMBER	
JOB LOCATION	
JOB PHONE	STARTING DATE

The undersigned is authorized to direct Reno Iron Works to furnish the following and agrees that these items are to be paid for as extras to any contract or agreement now in force:

Work ordered by

Date _____

[illegible]

RENO IRON WORKS

333 E. PARR
RENO, NV 89512

PH: (775) 329-1111
FAX: (775) 329-3555



FIELD ORDER

2817

TO

Q+D Construction

PHONE

DATE OF ORDER

12-27-23

ORDER TAKEN BY

Montana Albita

CUSTOMER'S ORDER NUMBER

☐ CONTRACT

☒ EXTRA

JOB NAME/NUMBER

Reno Airport - 3012

JOB LOCATION

Reno, NV

JOB PHONE

STARTING DATE

The undersigned is authorized to direct Reno Iron Works to furnish the following and agrees that these items are to be paid for as extras to any contract or agreement now in force:

Work ordered by

Marc Leone

Date

LABOR

DESCRIPTION OF WORK

CLASS	NAME	HRS.	RATE	AMOUNT
-------	------	------	------	--------

12-27	<i>Montana Albita</i>	8		
-------	-----------------------	---	--	--

12-27	<i>Dylan Nelson</i>	8		
-------	---------------------	---	--	--

*- Cut exterior bollards down to 36" above finished concrete
Grind smooth to finish*

RENTALS AND OTHER CHARGES

1-3	<i>Montana Albita</i>	2		
-----	-----------------------	---	--	--

*(1) Field truck
(1) Welder*

TOTAL OTHER

NO.	MATERIALS	WT.	RATE	AMOUNT
-----	-----------	-----	------	--------

TOTAL MATERIALS

TOTAL LABOR

TOTAL LABOR

TOTAL OTHER

TAX

TOTAL

I hereby acknowledge the satisfactory completion of the above described work.

Signature

[Signature]

Date

1-3-24

Thank You

**CHANGE
ORDER**

Distribution to:

RTAA PURCHASING ☒
PM/CM ☐
ENGINEER ☒
CONTRACTOR ☒
FAA ☐

Reno-Tahoe Airport Authority

Reno-Tahoe International Airport
Reno-Stead Airport
Box 12490
Reno, NV 89510



Project: Hangar #6 Small Roof Replacement

To: Western Single Ply Nevada Inc.
3442 Neeham Road
Las Vegas, Nevada 89030

Change Order Number 2

Change Order Initiation Date: Feb. 6, 2024

AIP No. (If Applicable)

Contract Date: September 9, 2023

Clerical error:

Base contract as executed = \$60,126.7, not \$60,216.70

CO#1 = \$1,798.21

Final base contract without clerical error = **\$61,924.91**

All other terms, conditions, and requirements not modified herein remain unchanged.

Not valid until signed by ALL parties. Execution of this Change Order by both Owner and Contractor constitutes a binding agreement and serves as a full accord and satisfaction of any claim, demand, lien, stop notice or further request for compensation, past or present, known or unknown, and/or time extension arising out of or by virtue of the work described above in the Change Order. Contractor's signature indicates agreement herewith, including any adjustments in the Contract Sum or Contract Time.

The Original Contract Sum was	\$60,216.70
Net Changes by Previously Authorized Change Orders	\$ 1,798.21
Net Changes by Previously Authorized Contingency Change Orders	\$ 1,798.21
The Revised Contract Sum Prior to this Change Order was.....	\$62,014.91
The Contract Sum will be decreased by this Change Order.REV	(\$ 90.00)
The new Contract Sum, including this Change Order will be	\$61,924.91

The Contract Time will remain unchanged.

Authorized

Reno-Tahoe Airport Authority
Owner

Reno-Tahoe Airport Authority
Owner
P.O.Box 12490
Reno, Nevada 89510

Contractor
Western Single Ply Nevada Inc.
3442 Neeham Road
Las Vegas, Nevada 89030

Reno-Tahoe Airport Authority
Owner
P.O. Box 12490
Reno, NV 89510

By: _____

By: Jackie Borman

By: Brian Sorokin

By: Dennis LeBaron

Date _____

Date _____

Date 2/7/2024

Date 2-7-2024

RENO-TAHOE AIRPORT AUTHORITY CONTINGENCY CHANGE ORDER



CCO No.

Contractor:

Project:

Solicitation Number:

Summary of Change and List of Attachments:

This Contingency Change Order sets forth the terms and conditions to provide labor, equipment, material, and full compensation for:
The change in grading and additional aggregate base for Areas 1 and 2 per RFI No. 07 and the upsizing of the pull boxes to accommodate the number of conduit running in and out of the boxes.

The following revisions will be made to the Base Bid Schedule of Values for the following items of work

Add Lump Sum Item - CCO No. 06-01 Additional Aggregate Base	\$	23,432.90
Bid Item 49 - Traffic Rated No. 7 Pull Box - Increase the qty by 11 at \$1,600.00 each	\$	17,600.00
Bid item 50 - Traffic Rated No. 3.5 Pull Box - Decrease the qty by 11 at \$750.00 each	\$	(8,250.00)
Total amount for these changes	\$	32,782.90

These changes are to be funded with PFC 15.

Enclosures: Q&D Construction Change Order Request No. 07 - Dated 1/16/2024
Response to RFI No. 07
Q&D Earthwork Quantities - Provided on 9/18
Q&D Construction Change Order Request No. 15 - Dated 2/5/2024

Contingency Change Order Summary:

Change in Contract Times:

Contract Contingency Total: \$

Total Previously Approved: \$

Total Change this Authorization: \$ ADD

Remaining Contingency Balance: \$

Original Duration:

Previous Authorization:

This Authorization:

Revised Contract Time:

Contract Summary:

Original Contract: \$


Total Previously Approved CO's \$

Total Previously Approved CCO's \$

Contract Sum Prior to this CCO \$

Total Change this Authorization: \$

New Contract Sum: \$

Contractor Signature  Date: 2-13-2024

Q&D Construction, Jeff Bean

Project Mgr Signature  Date: 2.13.24

RTAA Project Mgr: Jon Lau

Construction Mgr Signature  Date: 2-12-2024

CME, Construction Manager: Joe Mamola

Manager Signature  Date: 2.16.24

RTAA Mgr Engineering & Construction: Jackie Borman



CHANGE ORDER REQUEST

CCO No. 007

Project No.: 16571 – RTIA Terminal Loop Road Project

Date: 1/16/2024

To: Jon Lau
Reno-Tahoe Airport Authority
2001 E Plumb Lane
Reno, NV 89502

From: Braden Riley
Q&D Construction LLC
PO Box 10865
Reno, NV 89510

Phone: 775-328-6462

Phone: 775-786-2677

Fax:

Fax: 775-786-5136

Email: jlau@renoairport.com

Email: briley@qdconstruction.com

cc: Marc Leone (Q&D)

Below is the detail for our proposal to complete the following changes in contract work:

- Change Order Request: CCO#007 – Grading Quantities
 - Proposed Scope of Work: Change order is for labor, equipment and materials for trucking of additional aggregate base quantities per RFI 007 based on the attached Cut/Fill Map for Areas 1 and 2.
 - Trucking costs are 98 hours to haul additional aggregate base material.
 - Material costs are based off of 307.3 CY of aggregate base material required for the fill sections in Areas 1 and 2.

PCO Item Sub-Totals	Quantity	Units	Unit Price	Amount
Grading Quantities	307.3	CY	\$73.00	\$23,432.90

CCO Item Totals	Change (in Days)	Amount
CCO#007 – Grading Quantities		\$23,432.90

Submitted By:

1/16/2024

Braden Riley

Date

Approved By:

Reno-Tahoe Airport Authority

Date



REQUEST FOR INFORMATION

RFI # : 0007

1050 S. 21st St.
SPARKS, NV 89431
(775) 786-2677
FAX #: (775) 786-5136

TO: Christian Heinbaugh

DATE: 8/7/2023

COMPANY: Kimley-Horn

Q&D Job #: 16571

FROM: Braden Riley
Project Engineer
Q&D Construction LLC

RE: Grading Quantities

DESCRIPTION OF REQUEST:

Where do we get paid for quantity of cut/fill material that exceeds the depth of the proposed 10" structural section as indicated on Detail 4, Sheet C7? (6" Asphalt on 4" Aggregate Base)

REPLY: Demolition is covered in the project specifications and bid items and no additional payment will be made for demolition work.

Please provide a cost proposal to provide additional aggregate base material required to prepare the required structural sections utilizing the earthwork quantities Q&D identified and provided on 9/18/2023.

Christian Heinbaugh, Kimley-Horn
2023.09.28

Project File Data		Coordinate System	
Name:	G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023-009 RTIA LOOP ROAD RECONSTRUCTION.vce	Name:	SCS900 Localization
Size:	57 MB	Zone:	SCS900 Record
Modified:	8/24/2023 10:16:02 AM (UTC:-7)	Datum:	WGS84 Equivalent Datum
Time zone:	Pacific Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
EG -0.75 1	Classification: Unclassified
SG	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	78.5 yd ³
Fill material	241.0 yd ³
Deficit	162.5 yd ³

Bank Areas Based on Surface Geometry Alone	
Cut area	13,854.3 ft ²
Fill area	14,182.2 ft ²
Zero volume area	0.1 ft ²
Total	28,036.7 ft ²

Depth summary	
Maximum depth of cut material	0.567 ft
Maximum depth of fill material	1.231 ft

Note: 'Cut Material' is defined as material where [SG] is lower than [EG -0.75 1]. 'Fill Material' is defined as the volume of material where [SG] is higher than [EG -0.75 1].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

Date: 8/24/2023 10:36:12 AM	Project: G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023- 009 RTIA LOOP ROAD RECONSTRUCTION.vce	Trimble Business Center
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Project File Data		Coordinate System	
Name:	G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023-009 RTIA LOOP ROAD RECONSTRUCTION.vce	Name:	SCS900 Localization
Size:	57 MB	Zone:	SCS900 Record
Modified:	8/24/2023 10:16:02 AM (UTC:-7)	Datum:	WGS84 Equivalent Datum
Time zone:	Pacific Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
EG -0.75 2	Classification: Unclassified
SG	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	77.4 yd ³
Fill material	66.3 yd ³
Excess	11.1 yd ³

Bank Areas Based on Surface Geometry Alone	
Cut area	8,163.3 ft ²
Fill area	5,265.6 ft ²
Zero volume area	0.0 ft ²
Total	13,428.8 ft ²

Depth summary	
Maximum depth of cut material	0.915 ft
Maximum depth of fill material	1.003 ft

Note: 'Cut Material' is defined as material where [SG] is lower than [EG -0.75 2]. 'Fill Material' is defined as the volume of material where [SG] is higher than [EG -0.75 2].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

Date: 8/24/2023 10:39:33 AM	Project: G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023- 009 RTIA LOOP ROAD RECONSTRUCTION.vce	Trimble Business Center
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Project File Data		Coordinate System	
Name:	G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023-009 RTIA LOOP ROAD RECONSTRUCTION.vce	Name:	SCS900 Localization
Size:	57 MB	Zone:	SCS900 Record
Modified:	8/24/2023 10:16:02 AM (UTC:-7)	Datum:	WGS84 Equivalent Datum
Time zone:	Pacific Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
EG -0.75 3	Classification: Unclassified
SG	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	100.8 yd ³
Fill material	2.6 yd ³
Excess	98.3 yd ³

Bank Areas Based on Surface Geometry Alone	
Cut area	6,019.0 ft ²
Fill area	817.0 ft ²
Zero volume area	0.1 ft ²
Total	6,836.0 ft ²

Depth summary	
Maximum depth of cut material	1.135 ft
Maximum depth of fill material	0.338 ft

Note: 'Cut Material' is defined as material where [SG] is lower than [EG -0.75 3]. 'Fill Material' is defined as the volume of material where [SG] is higher than [EG -0.75 3].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

Date: 8/24/2023 10:40:30 AM	Project: G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023- 009 RTIA LOOP ROAD RECONSTRUCTION.vce	Trimble Business Center
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Project File Data		Coordinate System	
Name:	G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023-009 RTIA LOOP ROAD RECONSTRUCTION.vce	Name:	SCS900 Localization
Size:	57 MB	Zone:	SCS900 Record
Modified:	8/24/2023 10:16:02 AM (UTC:-7)	Datum:	WGS84 Equivalent Datum
Time zone:	Pacific Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
EG -0.75 4	Classification: Unclassified
SG	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	161.5 yd ³
Fill material	12.5 yd ³
Excess	149.0 yd ³

Bank Areas Based on Surface Geometry Alone	
Cut area	16,326.3 ft ²
Fill area	4,236.5 ft ²
Zero volume area	2.0 ft ²
Total	20,564.8 ft ²

Depth summary	
Maximum depth of cut material	1.332 ft
Maximum depth of fill material	0.886 ft

Note: 'Cut Material' is defined as material where [SG] is lower than [EG -0.75 4]. 'Fill Material' is defined as the volume of material where [SG] is higher than [EG -0.75 4].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

Date: 8/24/2023 10:41:26 AM	Project: G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023- 009 RTIA LOOP ROAD RECONSTRUCTION.vce	Trimble Business Center
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Project File Data		Coordinate System	
Name:	G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023-009 RTIA LOOP ROAD RECONSTRUCTION.vce	Name:	SCS900 Localization
Size:	57 MB	Zone:	SCS900 Record
Modified:	8/24/2023 10:16:02 AM (UTC:-7)	Datum:	WGS84 Equivalent Datum
Time zone:	Pacific Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
EG -0.75 5	Classification: Unclassified
SG	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	18.8 yd ³
Fill material	2.9 yd ³
Excess	15.9 yd ³

Bank Areas Based on Surface Geometry Alone	
Cut area	4,835.1 ft ²
Fill area	2,482.7 ft ²
Zero volume area	1.5 ft ²
Total	7,319.3 ft ²

Depth summary	
Maximum depth of cut material	0.597 ft
Maximum depth of fill material	0.725 ft

Note: 'Cut Material' is defined as material where [SG] is lower than [EG -0.75 5]. 'Fill Material' is defined as the volume of material where [SG] is higher than [EG -0.75 5].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

Date: 8/24/2023 10:42:15 AM	Project: G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023- 009 RTIA LOOP ROAD RECONSTRUCTION.vce	Trimble Business Center
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Project File Data		Coordinate System	
Name:	G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023-009 RTIA LOOP ROAD RECONSTRUCTION.vce	Name:	SCS900 Localization
Size:	57 MB	Zone:	SCS900 Record
Modified:	8/24/2023 10:16:02 AM (UTC:-7)	Datum:	WGS84 Equivalent Datum
Time zone:	Pacific Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
EG -0.75 6	Classification: Unclassified
SG	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	37.7 yd ³
Fill material	8.2 yd ³
Excess	29.5 yd ³

Bank Areas Based on Surface Geometry Alone	
Cut area	9,728.6 ft ²
Fill area	4,964.9 ft ²
Zero volume area	2.9 ft ²
Total	14,696.5 ft ²

Depth summary	
Maximum depth of cut material	0.531 ft
Maximum depth of fill material	0.836 ft

Note: 'Cut Material' is defined as material where [SG] is lower than [EG -0.75 6]. 'Fill Material' is defined as the volume of material where [SG] is higher than [EG -0.75 6].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

Date: 8/24/2023 10:42:59 AM	Project: G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023- 009 RTIA LOOP ROAD RECONSTRUCTION.vce	Trimble Business Center
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Project File Data		Coordinate System	
Name:	G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023-009 RTIA LOOP ROAD RECONSTRUCTION.vce	Name:	SCS900 Localization
Size:	57 MB	Zone:	SCS900 Record
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Time zone:	Pacific Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
EG -0.75 7	Classification: Unclassified
SG	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	17.8 yd ³
Fill material	1.1 yd ³
Excess	16.6 yd ³

Bank Areas Based on Surface Geometry Alone	
Cut area	4,404.2 ft ²
Fill area	878.2 ft ²
Zero volume area	0.5 ft ²
Total	5,282.9 ft ²

Depth summary	
Maximum depth of cut material	0.514 ft
Maximum depth of fill material	0.856 ft

Note: 'Cut Material' is defined as material where [SG] is lower than [EG -0.75 7]. 'Fill Material' is defined as the volume of material where [SG] is higher than [EG -0.75 7].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

Date: 8/24/2023 10:44:27 AM	Project: G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023- 009 RTIA LOOP ROAD RECONSTRUCTION.vce	Trimble Business Center
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Project File Data		Coordinate System	
Name:	G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023-009 RTIA LOOP ROAD RECONSTRUCTION.vce	Name:	SCS900 Localization
Size:	57 MB	Zone:	SCS900 Record
Modified:	8/24/2023 10:16:02 AM (UTC:-7)	Datum:	WGS84 Equivalent Datum
Time zone:	Pacific Standard Time	Global reference datum:	WGS 1984
Reference number:		Global reference epoch:	
Description:		Geoid:	
Comment 1:		Vertical datum:	
Comment 2:		Calibrated site:	
Comment 3:			

Earthwork Volume Report

Unclassified surface compared to Unclassified surface

Surfaces	
EG -0.75 8	Classification: Unclassified
SG	Classification: Unclassified

Bank Volumes Based on Surface Geometry Alone	
Cut material	78.8 yd ³
Fill material	10.9 yd ³
Excess	67.9 yd ³

Bank Areas Based on Surface Geometry Alone	
Cut area	17,560.3 ft ²
Fill area	4,308.1 ft ²
Zero volume area	1.3 ft ²
Total	21,869.7 ft ²

Depth summary	
Maximum depth of cut material	0.709 ft
Maximum depth of fill material	0.897 ft

Note: 'Cut Material' is defined as material where [SG] is lower than [EG -0.75 8]. 'Fill Material' is defined as the volume of material where [SG] is higher than [EG -0.75 8].

Note: The above volumes are calculated solely from the geometries of the selected surfaces. No material properties are applied to the above numbers.

Date: 8/24/2023 10:45:18 AM	Project: G:\Z DRIVE PROJECTS\023-009 RTIA LOOP ROAD RECONSTRUCTION\MODEL\023- 009 RTIA LOOP ROAD RECONSTRUCTION.vce	Trimble Business Center
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CHANGE ORDER REQUEST

CCO No. 015

Project No.: 16571 – RTIA Terminal Loop Road Project

Date: 2/5/2024

To: Jon Lau
Reno-Tahoe Airport Authority
2001 E Plumb Lane
Reno, NV 89502

From: Braden Riley
Q&D Construction LLC
PO Box 10865
Reno, NV 89510

Phone: 775-328-6462

Phone: 775-786-2677

Fax:

Fax: 775-786-5136

Email: jlau@renoairport.com

Email: briley@qdconstruction.com

cc: Joe Mamola (CME), Marc Leone (Q&D)

Below is the detail for our proposal to complete the following changes in contract work:

- Change Order Request: CCO#015 – Upsizing Pull Boxes
 - Proposed Scope of Work: Change order is for labor, equipment, and materials to upsize pull boxes to accommodate the number of conduit to come in and out of the boxes.

CCO Item Sub-Totals	Quantity	Units	Unit Price	Amount
Upsize Pull Boxes	1	LSU	\$9,350.00	\$9,350.00

CCO Item Totals	Change (in Days)	Amount
CCO#015 – Upsize Pull Boxes	0	\$9,350.00

Submitted By:

2/5/2024

Braden Riley

Date

Approved By:

Reno-Tahoe Airport Authority

Date



PCO-001
Upsized Pull Boxes
2314 - Terminal Loop

To: Braden Riley

Job Name: RTIA Terminal Loop Rd.

Company: Q& D Construction

Change Re: Upsized Pull Boxes

Address: 1051 S 21st Street, Reno, NV 89431

Date: January 23, 2024

Phone: 775-302-6552

CC: Ryan Greenhalgh

Work Scope:

Multiple boxes located in the departures lane had to be upsized to accommodate the number of conduit required to come in and out of these boxes.

Departures Lane				
Station	Box	Plan Size	As Built Size	Notes
16+26	Power	#3 1/2	#7	
16+26	Comm	#3 1/2	#7	
19+20	Power	#3 1/2	#7	
19+20	Comm	#3 1/2	#7	
20+38	Power	#3 1/2	#7	
20+38	Comm	#3 1/2	#7	
21+42	Comm	#3 1/2	#7	
22+46	Power	#3 1/2	#7	
22+46	Comm	#3 1/2	#7	
24+04	Power	#3 1/2	#7	
24+04	Comm	#3 1/2	#7	
Pull Box Changes		QTY	UNIT COST	UNIT TOTAL
Removed:	#3 1/2 Pull Boxes	11	\$ 750.00	\$ (8,250.00)
Added:	#7 Pull Boxes	11	\$ 1,600.00	\$ 17,600.00
TOTAL PCO AMOUNT PULL BOX CHANGES				\$ 9,350.00

Price as described above \$9,350.00

Titan Electrical Contracting will only proceed with this work upon return of this proposal signed by a person authorized to approve work and payment at this location.

Approved By: _____ Date: _____

**RENO-TAHOE AIRPORT AUTHORITY
PLANNING AND CONSTRUCTION COMMITTEE
PROJECT STATUS REPORT
MARCH 2024**

(Items in bold are changes from the previous report)

ENGINEERING PROJECTS

RENO-STEAD AIRPORT PROJECTS

Taxiway Alpha and Adjoining Aircraft Parking Apron Rehabilitation

This project consists of the reconstruction of the asphalt cement (AC) general aviation Apron and the adjoining Taxiway Alpha. In addition, the project will correct the FAA identified non-complying intersection of Taxiway A2 and the apron, and the replacement of the aging apron lighting head fixtures to LED fixtures at RTS. The apron consists of approximately 255,070 square yards of AC and Taxiway A consists of 30,540 square yards of AC. Design consists of geotechnical services, final design, and bidding for Apron construction in multiple phases. Construction is anticipated to be constructed in approximately six phases.

Phase 4 – Construction

The design of Phase 4 was completed and went out to bid in March 2023. This year's current contract includes approximately 51,205 square yards of new TWY A & Apron improvements and LED Lighting upgrades. Change Order No. 1 adds an additional 4,340 square yards of TWY A & Apron improvements. The FAA AIP & AIG grants have been received. All major construction activities have been completed. LED lighting is complete, and the last punch list item will be completed December 18.

Phase 4 – The following are project milestones:

- | | |
|--------------------------|-------------------|
| • Issue for Bid | March 2023 |
| • Bids Opened | March 23, 2023 |
| • Board Approval | April 13, 2023 |
| • Change Order No. 1 | May 18, 2023 |
| • Start of Construction | June 26, 2023 |
| • Substantial Completion | November 15, 2023 |

Phase 4 – The following are the next steps:

- | | |
|--------------------|-------------------|
| • Project Closeout | March 2024 |
|--------------------|-------------------|

RENO-TAHOE INTERNATIONAL AIRPORT PROJECTS

RNO Airside Pavement Maintenance Project – 2023

The RNO Airside Pavement Maintenance Project – 2023 is slurry sealing of runway 8/26 shoulders and Taxiway Lima shoulders. There are two bid alternates included in the bid to slurry the east lighting vault pavement and the central disposal facility pavement.

The project was designed and put out to bid by RTAA Staff as an informal quote on July 18, 2023. Two bids were received and Intermountain was selected as the responsive low bidder. Original

bid work was completed October 2023. Construction was under budget and will allow for additional slurry areas to be completed in spring 2024.

The following are project milestones:

- Bids Advertised July 18, 2023
- Bid Opening August 3, 2023
- Original Bid Construction September - October 2023

The project is on schedule with the next steps are listed below:

- Additional Work May 2024 – June 2024
- Project Closeout July 2024

Ticketing Hall Expansion Project (Part of the MoreRNO Program)

The south façade work to install glazing and close up the exterior overhang ceiling began in early February and was completed in early March. The installation of the wood wall features is complete on the center restroom block. The material for the north and south blocks were delayed but is anticipated to arrive and be installed in early April. The final Lobby Terrazzo and tile phase began on January 8th and was completed on February 29th. The wedge glass at the existing “Y” braces were installed at the end of February. The Owner punch walks for the areas behind the construction walls are scheduled for early March. The project is currently on schedule and within budget.

The following are project milestones:

- Construction Document (90%) Submittal June 3, 2022
- Submit for Permit June 6, 2022
- Construction Documents (100%) Submittal July 8, 2022
- Pre-package GMP for Board Approval July 14, 2022
- Full GMP Board Approval September 8, 2022
- Enabling Work Complete October 12, 2022
- Construction Walls Erected October 13, 2022
- Change Order No. 1 Awarded February 9, 2023

The project is on schedule with the next steps listed below:

- Substantial Completion March 2024

Taxiway B Reconstruction & General Aviation Runup Area

The project consists of reconstruction of the Portland Cement Concrete (PCC) Taxiway (TWY) B on either side of Runway 8/26, and an asphalt cement General Aviation (GA) Runup Area at the north end of TWY C. The project will include the reconstruction of the taxiways, asphalt shoulders, and edge lighting, pavement markings and drainage upgrades.

The low responsive bidder was Granite Construction and was approved at the May Board meeting. The FAA AIP grant has been awarded, and funding has been received. Granite started construction in August 2023 on the GA Aviation Runup area and was completed late January.

Taxiway B construction will begin March 11th.

The following are project milestones:

- | | |
|------------------------------------|-------------------|
| • Re-design Completion | February 21, 2022 |
| • Bid Advertising | February 21, 2022 |
| • Bid Opening 2022 | March 23, 2022 |
| • Re-Bids Opened | March 28, 2023 |
| • Board of Trustees Meeting/Award | May 18, 2023 |
| • GA Runup Construction Start | August 28, 2023 |
| • GA Runup Construction Completion | January 2024 |

The project is on schedule with the next steps are listed below:

- | | |
|---------------------------------|-----------------------|
| • Taxiway B Construction Begins | March 11, 2023 |
| • Project Completion | June 2023 |

Terminal Loop Road (Part of the MoreRNO Program)

The Terminal Loop Road Reconstruction, ADA, and Safety/Security Project is for the full reconstruction of the existing PCC portion of the Terminal Loop Road, will also include improvements associated with Safety/Security and the Americans with Disabilities Act of 1990 (ADA). The full project consists of the reconstruction of six travel lanes, two pick-up and drop off lanes, drainage improvements as necessary, curb and gutter, post curb, sidewalk, a new crosswalk, landscaping, electrical, street lighting, guidance and traffic signs, striping, security bollards and new ADA pedestrian ramps.

The remaining paving of Phase One was completed in December. Installation of the canopy to the south of the ticketing hall and along the median will begin in January and continue through March 2024. After the opening of the ticketing hall in April 2024, work along the west side of The Loop will begin.

The following are project milestones:

- | | |
|-----------------------|-------------------|
| • Design Completed | December 19, 2022 |
| • Bidding Advertising | January 11, 2023 |
| • Bid Opening | February 8, 2023 |
| • Board Approval | April 13, 2023 |
| • Construction Start | July 2023 |

The project is on schedule with the next steps are listed below:

- | | |
|----------------------|---------------|
| • Phase 1 Completion | March 2024 |
| • Phase 2 Completion | November 2024 |

Arrival/Departure Escalator Modernization Project

The arrival/departure escalators located on the east side of the main lobby were replaced in 2002 and are now 21 years old. The purpose of this project is the "preservation of infrastructure" by modernizing and refurbishing the four (4) public use escalators for arriving and departing passengers. The project is funded through PFC 15 in the amount of \$2,889,000.

Kone, Inc. was awarded the construction contract at the August 11, 2022, board meeting. The contractor took measurements onsite and began the procurement process in September 2022, and construction began in mid-April of 2023. The project is on schedule.

The following are project milestones:

- | | |
|--------------------------------------|--------------------|
| • Bids Advertised | May 24, 2022 |
| • Bids Opened | June 28, 2022 |
| • Board Approval | August 11, 2022 |
| • Notice Procurement | September 2022 |
| • Start of Construction | April 10, 2023 |
| • Switchover to west side escalators | September 21, 2023 |

The project is on schedule with the next steps are listed below:

- | | |
|----------------------|-------------------|
| • Project Completion | January 2024 |
| • Project Close-Out | March 2024 |

Remote Economy Lot Project – Phase 2

The Remote Economy Parking Lot is an undeveloped site and is approximately 4 acres. It is bordered to the west by Terminal Way, south and east by the rental car surface storage and maintenance lots, and to the north by the NDOT off ramp. The Remote Economy Parking Lot Project consists of all the necessary grading, utilities, drainage, lighting, pavement, and card access gates.

The low responsive bidder was Sierra Nevada Construction (SNC). Sierra Nevada Construction, construction contract was approved at the May 2023 board meeting. **The installation of the electric switch gear is anticipated by the end of March 2024.** The lot is being powered by a temporary pedestal. **All other punch list items have been completed.**

The following are project milestones:

- | | |
|----------------------------------|-------------------|
| • Substantial Completion Phase 1 | November 18, 2022 |
| • Bids Advertised | March 21, 2023 |
| • Bid Opening | April 12, 2023 |
| • Board Approval | May 18, 2023 |
| • Start of Construction | July 5, 2023 |
| • Substantial Completion | November 2023 |

The project is on schedule with the next steps are listed below (Phase 2):

- | | |
|---------------------------|-------------------|
| • Construction Completion | March 2024 |
|---------------------------|-------------------|

Air Cargo Way Reconstruction Project

The Air Cargo Way Reconstruction Project is an existing roadway being reconstructed that is approximately 900 feet long along with reconstruction of the pavement at the entrance to the purchasing lot. Pavements at both areas have failed and require reconstruction. Both areas tie into Vassar Street to the north and provide access for freight deliveries to the air cargo tenants and the RTAA purchasing office. The Air Cargo Way Reconstruction Project consists of the removal and repaving of the roadway areas along with making site access improvements and repairing damaged curb gutter and sidewalk.

SNC was the low responsive bidder, and the construction contract was approved at the August board meeting. Construction began October 9, 2023, and is on schedule. **The contractor has completed the punch list items and the project is in closeout.**

The following are project milestones:

- | | |
|--------------------------|-------------------|
| • Bids Advertised | July 5, 2023 |
| • Bid Opening | July 26, 2023 |
| • Board Approval | August 10, 2023 |
| • Construction Start | October 9, 2023 |
| • Substantial Completion | December 10, 2023 |

The project is on schedule with the next steps are listed below:

- Project Closeout **March 2024**

FAA VALE PCA/GPU Replacement

The FAA's VALE Program provides Airport Improvement Program (AIP) grant funding to commercial service airports such, as the RNO, that are in non-attainment or maintenance of National Ambient Air Quality Standards areas for emission reduction projects proven to benefit local air quality. VALE AIP funding comes from Noise & Environmental Set Aside funds and does not affect regular RNO entitlements or discretionary allotments. The program is to improve environmental issues with aging equipment by replacing with new efficient equipment.

This project will include the replacement of 23 Pre-Conditioned Air (PCA) units and 23 Ground Power Units (GPU) for the Passenger Boarding Bridges (PBB). The PCA units provide fresh conditioned heat or cooling to the aircraft while they are at the PBB. The new units are much more energy efficient than the units being replaced which are at the end of their useful lives. The GPU provides a constant regulated power that is specific to aircraft. The new GPUs are much more efficient than those being replaced which are at the end of their useful lives. Installation of submeters will allow for electrical usage to be tracked to the respective users.

The VALE PCA and GPU Replacement Project was advertised on February 22, 2023. A pre bid meeting was held on March 3, 2023, with 5 contractors attending. Bids were opened on April 17, 2023. One responsive bid was received from Q&D Construction. Staff submitted the FAA grant application for funding of the project and received the signed VALE grant on September 11, 2023.

The Notice to Proceed was issued on October 26, 2023. The contractor has begun the submittal process and procurement of the equipment.

RTAA Staff is currently contracting to meet construction management needs.

The following are project milestones:

- | | |
|-------------------|--------------------|
| • Bid Advertising | February 22, 2023 |
| • Bid Opening | April 17, 2023 |
| • Board Approval | September 14, 2023 |
| • Contract Signed | September 29, 2023 |
| • NTP Issued | October 26, 2023 |

The project is on schedule with the next steps are listed below:

- Construction TBD – dependent material procurement

Airfield Administration & Airport Duty Managers Offices Remodel Project

Airfield Administrative Offices: The current airfield administrative offices are located within the existing vehicle maintenance building. The office space is inadequate in the number of offices and the size of the offices, are inefficient in layout and continuity, located in areas with inadequate heating and cooling systems, located adjacent to loud work, and many offices don't meet the American Disabilities Act (ADA) requirements. In addition, the vehicle maintenance storage areas/rooms have been minimized due to conversion to offices. Management and administrative staffing levels have increased since the original building was constructed in 1978. The proposed project would consolidate the administrative/management staff to a central location, provide a professional atmosphere to conduct business and significantly increase the efficiency of the administrative operations as well as the vehicle maintenance services at Airfield Maintenance.

Airport Duty Managers Office: The existing Airport Duty Managers' (ADM) offices are located in the Airport Vassar Annex (AVA) warehouse building. The building houses the ADMs, Airport Communications and Purchasing departments. Traveling between the ADMs current office location to anywhere on the airfield or landside requires the ADMs to travel a circuitous and congested section of deteriorated roadway, drive at a low rate of speed, and weave between Air Cargo aircraft. The congestion is created by tugs towing multiple containers as well as other ground equipment in the area. Additional delays can occur if aircraft are pushing back or taxiing in the area as aircraft always have the right of way. The ADM's have a mission critical role to provide quick emergency response. In addition, they need to have quick response during winter operations and to wildlife hazard management. The mission critical roles are hampered by the remote location and lack of connectivity to the airport operation.

The low responsive bidder was Reyman Brothers and was awarded by the Board at the January 12, 2023, meeting. Contractor began construction March 15, 2023. HVAC unit has been installed and balanced, final inspection was completed on December 18, 2023, Zion Builders completed the installation of the canopy and final inspection was completed on January 19, 2024. **The Airport Duty Managers have moved in and are using the building. while the contractor is working on remaining punch list items.**

The following are project milestones:

- | | |
|-----------------------|-------------------|
| • Bidding Advertising | November 8, 2022 |
| • Bids Opened | December 13, 2022 |
| • Board Approval | January 12, 2023 |
| • Construction Start | March 15, 2023 |
| • Completed | January 18, 2024 |

The project is on schedule with the next steps are listed below:

- | | |
|---------------------|-------------------|
| • Project Close-Out | March 2023 |
|---------------------|-------------------|

New Gen A&B (Part of the MoreRNO Program)

The project includes full replacement of the two existing Terminal Concourses, that were originally constructed in 1981, full or partial replacement of the two connector concourses, a new Central Utility Plant (CUP), airfield pavement (apron, remain overnight parking, and taxiway/taxi-lane) work, infrastructure and utility relocation, and demolition of existing structures and pavements. The project has been renamed New Gen A&B.

Design kicked-off mid-2023 and RTAA staff meet weekly with the design team. The airlines are represented throughout the project with an Airline Technical Representative (ATR) of AvAirPros.

Concourses

Stakeholder visioning sessions and program workshops with the RTAA, Airlines, and concessions began in August 2023. The Basis of Design / Pre-Design Phase was completed in October. Several design meetings have been held focusing on airfield layout, internal space layouts, concessions, gaming, technology, and signage/wayfinding. The Concept Phase was completed January 30. **A baseline construction cost estimate is being completed. The 30% design is ongoing.**

South Remain Overnight (S. RON)

The S. RON design achieved 30% completion on December 1, 2023, with 60% completion at the end of January 2024, and final design of March 2024. The S. RON 30% construction cost estimate reconciliation is complete. **To reduce extended General Conditions charges and reduce phasing impacts to the airlines, construction is being shifted to start after the 2024 winter break. Construction will now start in spring of 2025 and be completed in fall of 2025. A 60% construction cost estimate is being completed.** The FAA has been engaged to ensure maximum opportunity to receive grant funding. Survey and Geotech are completed.

Central Utility Plant (CUP)

The CUP siting location has been recommended by the design team and located in the east end of the Blue Parking Lot. Preliminary equipment layout, site layout and architectural concepts were presented January 23. Final **equipment specifications and details of the CUP design are being prepared** for the early procurement package, due March 1, 2024 **using the positive test results from the geothermal conductivity test bores in the Blue Parking Lot performed in January.** Survey and Geotech are complete. **On February 15, the FAA informed RTAA that they were awarded a \$7M ATP grant. The design and construction teams are putting together an early equipment package that will maximize reimbursement of the full \$7M.**

Construction Manager at Risk (CMAR)

The team of Holder and Q&D (HQD) was selected for CMAR Pre-construction services and approved at the September 14, 2023, Board Meeting. HQD is working with Gensler in developing schedules, constructability, responding to phasing options and estimating tasks.

The following are project milestones:

- | | |
|----------------------------------------|--------------------|
| • Design PSA Board Approval (Pt. 1) | June 8, 2023 |
| • Design Contract Awarded | June 20, 2023 |
| • Notice to Proceed for Design (Pt. 1) | July 2023 |
| • Design PSA Board Approval (Pt. 2) | August 2023 |
| • CMAR Board Approval | September 14, 2023 |
| • CMAR Notice to Proceed | September 19, 2023 |

Next steps for the project are listed below:

- | | |
|---------------------------------------------|------------------|
| • New Gen B&C Concept Phase Complete | January 31, 2024 |
| • Baseline Construction Cost Estimate (A&B) | February 2024 |

- CUP Equipment GMP
- S. RON GMP

April 2024
November 2024

The HQ (part of the MoreRNO Program)

This Administrative Offices and Police Station Project (The HQ) is a new multi-story facility to house the primary RTAA Administrative Offices and the primary RTAA Police Station. The first floor will house a shared reception area and all police-only functions. The second-floor houses joint-use functions and public meeting rooms and the third and fourth floors will house RTAA administrative functions. The Project will also include relocation of existing infrastructure and utilities, demolition of existing infrastructure and pavements, possible realignment and installation of airport security gate(s) & fencing, new landscaping, parking, and pedestrian amenities associated with the new facility.

The Design solicitation RFP was released July 13, 2023, and NTP was issued November 21, 2023.

The CMAR RFP solicitation process began on September 29, 2023, and the Board approved a preconstruction services scope of work/contract for Clark Sullivan Construction on January 11, 2024.

Both the design team and CMAR team are working together to value engineer and refine the construction cost estimate. A Board Workshop to present these efforts and recommendations will be scheduled when fully vetted.

The following are project milestones:

- | | |
|--------------------------------|--------------------|
| • CMAR RFP Issued | September 29, 2023 |
| • Design PSA Board Approval | November 9, 2023 |
| • CMAR Recommendation to Board | January 11, 2024 |

Next steps for the project are listed below:

- | | |
|----------------------------------------|----------------------------------------|
| • Concept Design Presentation to Board | End of March/Beginning of April |
| • 30% Schematic Design Submittal | March 22, 2024 |
| • Multiple Construction Cost Estimates | March – April 2024 |
| • Board Decision to Proceed Past 30% | May 9, 2024 |

Runway 17R-35L Remediation

The Contractor completed 2023 remediation efforts. Staff continually monitors the remediation results and logs all FOD collected, and observations noted daily. Subsequent remediation efforts are under discussion and design, with anticipated additional remediation to occur late fall 2024.

Airfield Signage and Renaming

This project consists of updating the airport's taxiway naming conventions and updating signage, markings, and the Airport Layout Plan (ALP). RNO has taxiways that connect to the runways at multiple locations and are not individually designated as separate taxiways, e.g., A1, A2, A3, etc. This creates pilot confusion and potential errors on what connectors to use and this project will make updates and modifications to clarify. 90% design plans have been reviewed and the design team is making final edits for 100% plans. The FAA has informed the airport that there is no current allocation of AIP funds for construction of this project this year. The RTAA will proceed

with bidding the project this spring with the chance the FAA will have discretionary funds to allocate to this project.

The project is on schedule with the next steps are listed below:

- | | |
|-----------------------------------|---------------|
| • Design Completion | January 2024 |
| • Bid Advertising | February 2024 |
| • Bid Opening | March 2024 |
| • Board of Trustees Meeting/Award | May 2024 |

Automated Exit

This project consists of installing three automated exit lanes between the sterile and nonsterile areas of the concourse. This will alleviate the need for a TSA agent or RTAA security specialist to monitor the area. Construction has begun with an anticipated completion date of early April.

Phase 1, installation of the three automated exit lanes has been completed and Phase 2, the emergency exit lane began March 4th.

The project is on schedule with the next steps are listed below:

- | | |
|---------------------------|--------------|
| • Construction Start | January 2024 |
| • Construction Completion | April 2024 |

PLANNING PROJECTS

RTAA Geographic Information System (GIS) Master Plan, Phase 1

A Notice to Proceed was issued on July 24, 2023, for the RTAA GIS Master Plan, Phase 1, in the amount of \$64,600, to Michael Baker International (MBI). The goals of the GIS Master Plan, Phase 1 are to define the current geospatial "footprint" for the RTAA and to identify an implementation plan that supports future GIS use in a manner that achieves improved system and data maintenance and modernization.

The scope of work for Phase 1 includes compiling an inventory of all geospatial data and applications used throughout the organization and planned for the near-term, including where data is hosted, the type of data used by specific applications, and the application architecture and support. The scope of work also includes recommending a formal Enterprise Implementation Plan that will include system architecture diagrams, specification documents, and a technical roadmap for deployment that shows how the GIS should be positioned within IT infrastructure and the hardware, software, and resources needed for the new architecture. The final deliverable of Phase 1 is a GIS System Architecture and Deployment Plan.

The study effort is supported by two working groups: a Technical Working Group and an End-User Working Group. The Technical WG is focused on the technical specifics of the RTAA GIS and will provide input on how to best support and set up applications and software. The End-User WG is focused on the needs of GIS user and will provide input on how the RTAA GIS can support user requirements and ad hoc projects.

The study is currently in the inventory development phase. The draft inventory has been developed and reviewed by staff. Once the inventory is finalized, the project

team will identify the overall enterprise implementation plan which includes system architecture and a deployment plan.

The study is currently in the inventory development phase.

The following are project milestones:

- | | |
|-----------------------------------------|--------------------------|
| • Notice to Proceed for Study | July 24, 2023 |
| • Executive Team Briefing #1 | August 29, 2023 |
| • End-User WG Meeting #1 | October 26, 2023 |
| • Technical WG Meeting #1 | November 16, 2023 |
| • Airfield Maintenance Meeting | November 30, 2023 |
| • Airport Communications Meeting | December 11, 2023 |
| • GeoComm (Public Safety) Meeting | January 9, 2024 |
| • Technical WG Meeting #2 | January 25, 2024 |
| • End-User WG Meeting #2 | January 26, 2024 |
| • IT Inventory Page-Turn Meeting | February 14, 2024 |

Next steps for the project are listed below:

- | | |
|-------------------------------------------------|-------------------------|
| • Inventory Final Deliverable | March 2024 |
| • End-User WG Meeting #3 | March 13, 2024 |
| • Technical WG Meeting #3 | March 13, 2024 |
| • Develop Enterprise Implementation Plan | March-April 2024 |
| • Executive Team Briefing #2 | April 2024 |
| • End-User WG Meeting #4 | May 6, 2024 |
| • Technical WG Meeting #4 | May 9, 2024 |

Depending on the recommendations of the GIS Master Plan, Phase 1 and pending funding availability, Phase 2 of the RTAA GIS Master Plan is tentatively scheduled to begin in July 2024.

RNO Airport Layout Plan Update

A Notice to Proceed was issued on July 7, 2023, for the RNO Airport Layout Plan Update, in the amount of \$85,500, to Wood Rodgers, Inc.

All airport sponsors are required to maintain a current Airport Layout Plan (ALP). The latest RNO ALP was approved by the FAA in January 2019 as part of the 2018 RNO Master Plan Update. The primary trigger for this new update is the requirement for future projects to be depicted on an approved ALP prior to receipt of federal grants or PFC collection for a construction project.

In July 2023, the consultant team completed survey work for all new airport development since the 2018 ALP was approved, including the Aloft Hotel, Dassault facility expansion, Vassar mini-warehouse demolition area, east airfield lighting vault demolition area, Taxiway Charlie & Lima runway incursion mitigation (RIM) pavement changes near Atlantic Aviation, and Taxiway Alpha RIM pavement changes at the south end of the field.

During August and September 2023, the consultant team updated 25 pages of the 41-page ALP set and drafted a 6-page memo that documents each of the 91 changes. A draft set was reviewed

by staff in October 2023, and comments were provided on October 31. **A revised ALP was submitted to the FAA in January 2024 for review.**

The following are project milestones:

- | | |
|------------------------------------|--------------------|
| • Notice to Proceed for Study | July 7, 2023 |
| • On-Site Field Work | July 2023 |
| • Preliminary Drawing Review | August 16, 2023 |
| • Draft ALP Update & Memo Received | September 29, 2023 |
| • Staff Review | October 2023 |

Next steps for the project are listed below:

- | | |
|----------------------------------|-----------------------------|
| • Final Draft Development | January - March 2024 |
| • Draft ALP Update & Memo to FAA | March 2024 |

