

CONTRACT CHANGE ORDER NO. 1

AIRPORT: Erie Municipal Airport

DATE: 11/18/2024

LOCATION: Erie, Colorado

AIP NO.: 3-08-0090-023-2024

CONTRACTOR: Ralph L. Wadsworth Construction

You are requested to perform the following described Work upon receipt of an approved copy of this document or as directed by the Engineer:

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT
Sch. I - #5	Prepare Existing Base Course	CY	\$812.87	116	\$94,292.00
Sch. II - #3	Pavement Removal	SY	\$44.92	48	\$2,156.16
Sch. II - #4	Joint Preparation	LF	\$1.16	120	\$139.20
Sch. II - #5	Prepare Existing Base Course	CY	\$514.00	49	\$25,186.00
Sch. II - #6	Concrete Pavement (5 inches)	CY	\$724.10	6.6	\$4,779.06
Sch. II - #7	Joint Sealing Filler	LF	\$5.08	120	\$609.60
Sch. III - #3	Pavement Removal	SY	\$73.10	48	\$3,508.80
Sch. III - #4	Concrete Spall Repair	SY	\$451.58	16	\$7,225.28
Sch. III - #5	Joint Preparation	LF	\$1.82	120	\$218.40
Sch. III - #9	Concrete Pavement (5 inches)	CY	\$1,151.32	6.6	\$7,598.71
Sch. III - #10	Joint Sealing Filler	LF	\$8.03	120	\$963.60
Sch. IV - #3	Prepare Existing Base Course	CY	\$812.87	56.6	\$46,008.44
Sch. IV - #5	Concrete Pavement (5 inches)	CY	\$1,151.32	3.5	\$4,029.62
Sch. IV - #9	Temporary Marking	SF	\$1.81	205	\$371.50
	Total Cost				\$197,086.84
This Change Order Total			\$ 197,086.84		
Previous Change Order(s) Total			\$ 0.00		
Original Contract Price			\$826,846.30		
Revised Contract Total			\$1,023,933.14		

The time provided for completion in the Contract is ~~(unchanged)~~ ~~(decreased)~~ **(increased)** by 10 calendar days. This document shall become an Amendment to the Contract and all provisions of the Contract will apply. Changes are shown on the attached Quantities Tabulation.

Recommended by: Paul Kastler
Digitally signed by Paul Kastler
 DN: C=US, E=pkastler@armstrongconsultants.com,
 O=Armstrong Consultants, OU=Project Manager, CN=Paul
 Kastler
 Date: 2024.11.26 13:18:41-07'00'
 Engineer

11/26/2024
 Date

Approved by: _____
Owner

_____ Date

Accepted by: _____

11/27/24
_____ Date

Contractor

_____ Date

Approved by: _____
State Aviation

_____ Date

Approved by: See signature block below
Federal Aviation Administration

_____ Date

NOTE: Change Orders and Supplemental Agreements require FAA approval prior to construction. Otherwise, no Federal participation can be granted. State Aviation concurrence is required when State participation is anticipated.

AIP NO.: 3-08-0090-023-2024

CHANGE ORDER NO.: 1

AIRPORT: Erie Municipal Airport

LOCATION: Erie, Colorado

FAA Approval:

- This approval is subject to the availability of Federal funds and limitations of the Grant Agreement.
- This approval is subject to the availability of Federal funds and limitations of the Grant Agreement and comments in our letter dated _____.
- This approval is for record purposes only, with no Federal participation.

By: _____
Program Manager, DEN-ADO

_____ Date

NOTE: Change Orders and Supplemental Agreements require FAA approval prior to construction. Otherwise, no Federal participation can be granted.



Additional Quantities
 Average Taxiway Panel = 12.5' x 12.5' = 17.4 SY
 6" of additional P-208
 Total Amount of P-208 placed = 136 CY
 P-208 Bid Amount = 20 CY
 Additional P-208 = 116 CY x \$812.87 = \$94,292.00
Total Schedule I Increase = \$94,292.00

BID TABULATION

Erie Municipal Airport
 Erie, Colorado
 Runway, Taxiway, and Apron Rehabilitation
 AIP No. 3-08-0090-023-2024 & 3-08-0090-024-2024
 ACI No. 22847
 Bid Opening: May 29, 2024 at 2:30 p.m., MDT

					Engineer's Estimate		Ralph L. Wadsworth Construction Company, LLC	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule I - Taxiway Rehabilitation - Replace Concrete Panels (780 SY)								
I-1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 4,139.56	\$ 4,139.56
I-2	C-105	Mobilization	1	LS	\$ 18,832.00	\$ 18,832.00	\$ 17,000.00	\$ 17,000.00
I-3	P-101a	Pavement Removal	780	SY	\$ 50.00	\$ 39,000.00	\$ 73.10	\$ 57,018.00
I-4	P-101c	Joint Preparation	1,190	LF	\$ 3.00	\$ 3,570.00	\$ 1.82	\$ 2,165.80
I-5	P-208	Prepare Existing Base Course	20	CY	\$ 150.00	\$ 3,000.00	\$ 812.87	\$ 16,257.40
I-6	P-501	Concrete Pavement (5-Inches Thick)	110	CY	\$ 950.00	\$ 104,500.00	\$ 1,151.32	\$ 126,645.20
I-7	P-605	Joint Sealing Filler	1,190	LF	\$ 4.00	\$ 4,760.00	\$ 8.03	\$ 9,555.70
I-8	P-620a	Marking	1,500	SF	\$ 2.00	\$ 3,000.00	\$ 1.81	\$ 2,715.00
I-9	P-620b	Temporary Marking	1,500	SF	\$ 2.00	\$ 3,000.00	\$ 2.47	\$ 3,705.00
I-10	P-620c	Marking Removal	1,800	SF	\$ 3.00	\$ 5,400.00	\$ 3.02	\$ 5,436.00
TOTAL SCHEDULE I					\$	205,062.00	\$	244,637.66



Additional Quantities
 Total of 3 added panels to be replaced
 Average Apron Panel = 12' x 12' = 16 SY
 Concrete Panel Quantity = 2.2 CY

P-101a Pavement Removal: 16 SY x 3 panels = 48 SY x \$44.92 = \$2,156.16
 P-101c Joint Prep: 10 joints x 12 LF = 120 LF x \$1.16 = \$139.20
 P-208 Base Course: 49 CY x \$514.00 = \$25,186.00
 P-501 5" Concrete Pavement: 2.2 CY x 3 panels = 6.6 CY x \$724.10 = \$4,779.06
 P-605 Joint Sealing Filler: 10 joints x 12 LF = 120 LF x \$5.08 = \$609.60

Total Schedule II Increase = \$32,870.02

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 ACI No. 22847
 Bid Opening: May 29, 2024 at 2:30 p.m., MDT

					Engineer's Estimate		Ralph L. Wadsworth Construction Company, LLC	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule II - Apron Rehabilitation - Replace Concrete Panels (570 SY)								
II-1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 872.52	\$ 872.52
II-2	C-105	Mobilization	1	LS	\$ 14,067.00	\$ 14,067.00	\$ 10,000.00	\$ 10,000.00
II-3	P-101a	Pavement Removal	560	SY	\$ 50.00	\$ 28,000.00	\$ 44.92	\$ 25,155.20
II-4	P-101c	Joint Preparation	1,170	LF	\$ 3.00	\$ 3,510.00	\$ 1.16	\$ 1,357.20
II-5	P-208	Prepare Existing Base Course	20	CY	\$ 150.00	\$ 3,000.00	\$ 514.00	\$ 10,280.00
II-6	P-501	Concrete Pavement (5-Inches Thick)	80	CY	\$ 950.00	\$ 76,000.00	\$ 724.10	\$ 57,928.00
II-7	P-605	Joint Sealing Filler	1,170	LF	\$ 4.00	\$ 4,680.00	\$ 5.08	\$ 5,943.60
II-8	P-620a	Marking	640	SF	\$ 2.00	\$ 1,280.00	\$ 1.15	\$ 736.00
II-9	P-620b	Temporary Marking	640	SF	\$ 2.00	\$ 1,280.00	\$ 1.56	\$ 998.40
II-10	P-620c	Marking Removal	650	SF	\$ 3.00	\$ 1,950.00	\$ 1.91	\$ 1,241.50
TOTAL SCHEDULE II					\$	153,767.00	\$	114,512.42



Additional Quantities

Total of 3 added panels to be replaced
 Average Apron Panel = 12' x 12' = 16 SY
 Concrete Panel Quantity = 2.2 CY

P-101a Pavement Removal: 16 SY x 3 panels = 48 SY x \$73.10 = \$3,508.80
 P-101b Concrete Spall Repair: 16 SY x \$451.58 = \$7,225.28
 P-101c Joint Prep: 10 joints x 12 LF = 120 LF x \$1.82 = \$ 218.40
 P-501 5" Concrete Pavement: 2.2 CY x 3 panels = 6.6 CY x \$1,151.32 = \$7,598.71
 P-605 Joint Sealing Filler: 10 joints x 12 LF = 120 LF x \$8.03 = \$963.60

Total Schedule III Increase = \$19,514.79

BID TABULATION

Erie Municipal Airport
 Erie, Colorado
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 AIP No. 3-08-0090-023-2024 & 3-08-0090-024-2024
 ACI No. 22847
 Bid Opening: May 29, 2024 at 2:30 p.m., MDT

					Engineer's Estimate		Ralph L. Wadsworth Construction Company, LLC	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule III - Apron Rehabilitation - Replace Concrete Panels (500 SY)								
III-1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 1,379.86	\$ 1,379.86
III-2	C-105	Mobilization	1	LS	\$ 17,211.00	\$ 17,211.00	\$ 16,000.00	\$ 16,000.00
III-3	P-101a	Pavement Removal	450	SY	\$ 50.00	\$ 22,500.00	\$ 73.10	\$ 32,895.00
III-4	P-101b	Concrete Spall Repair	60	SY	\$ 50.00	\$ 3,000.00	\$ 451.58	\$ 27,094.80
III-5	P-101c	Joint Preparation	1,280	LF	\$ 3.00	\$ 3,840.00	\$ 1.82	\$ 2,329.60
III-6	P-101d	Aircraft Tiedown Patch Removal	9	EA	\$ 1,500.00	\$ 13,500.00	\$ 778.97	\$ 7,010.73
III-7	P-101e	Water Valve Panel Replacement	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,741.27	\$ 1,741.27
III-8	P-208	Prepare Existing Base Course	20	CY	\$ 150.00	\$ 3,000.00	\$ 812.87	\$ 16,257.40
III-9	P-501	Concrete Pavement (5-Inches Thick)	65	CY	\$ 950.00	\$ 61,750.00	\$ 1,151.32	\$ 74,835.80
III-10	P-605	Joint Sealing Filler	1,280	LF	\$ 4.00	\$ 5,120.00	\$ 8.03	\$ 10,278.40
III-11	P-620a	Marking	3,530	SF	\$ 2.00	\$ 7,060.00	\$ 1.81	\$ 6,389.30
III-12	P-620b	Temporary Marking	3,530	SF	\$ 2.00	\$ 7,060.00	\$ 2.47	\$ 8,719.10
III-13	P-620c	Marking Removal	6,050	SF	\$ 3.00	\$ 18,150.00	\$ 3.02	\$ 18,271.00
TOTAL SCHEDULE III					\$	184,691.00	\$	223,202.26



Additional Quantities
 Two additional panels replaced at the Rwy 34 end
 Average Taxiway Panel = 12.5' x 10' = 13.9 SY
 6" of additional P-208

Total Amount of P-208 placed = 67 CY
 P-208 Bid Amount = 10 CY
 Additional P-208 = 56.6 CY x \$812.87 = \$46,008.44
 Total of P-501 placed = 63.5 CY
 P-501 Bid Amount = 60 CY
 Additional P-501 = 3.5 CY x \$1,151.32 = \$4,029.62
 Additional P-620b Temp Marking = 205 SY x \$1.81 = \$371.50

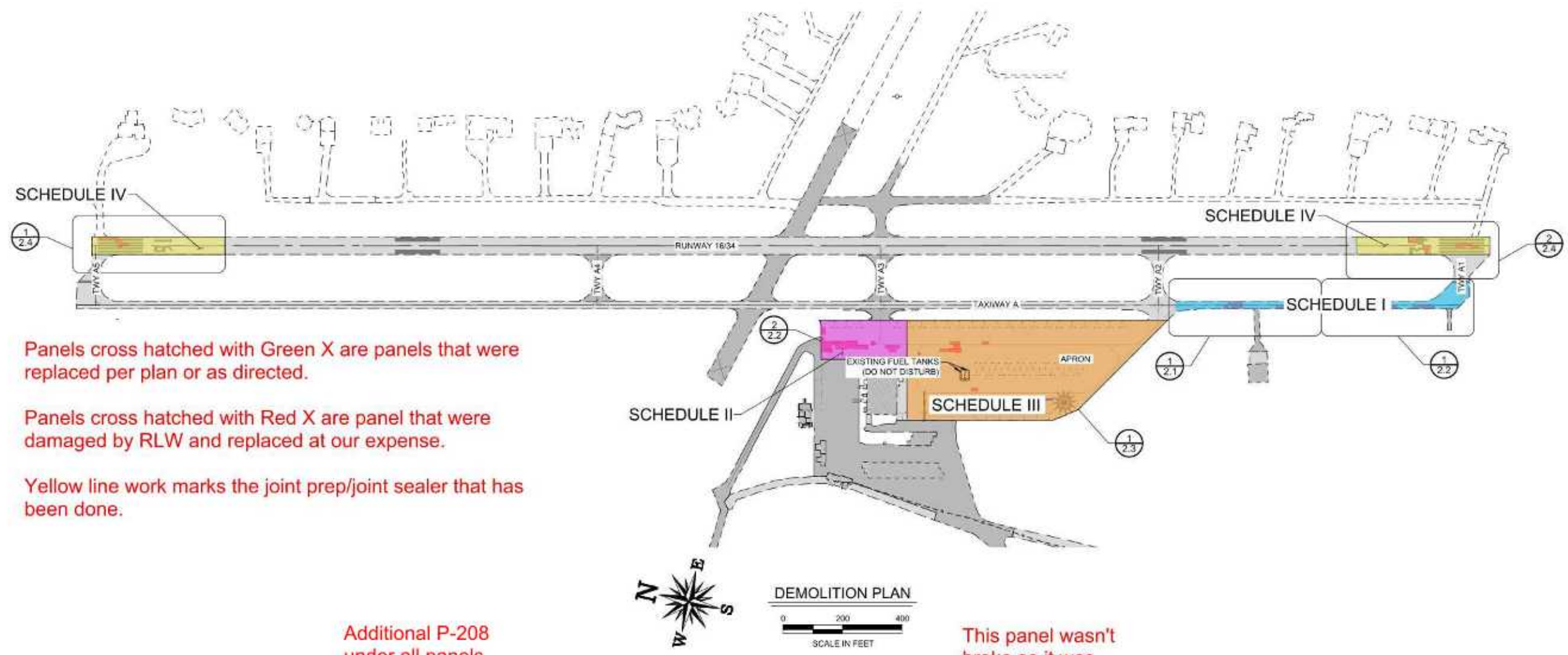
Total Schedule IV Increase = \$50,409.11

BID TABULATION

Erie Municipal Airport
 Erie, Colorado
 Runway, Taxiway, and Apron Rehabilitation
 AIP No. 3-08-0090-023-2024 & 3-08-0090-024-2024
 ACI No. 22847
 Bid Opening: May 29, 2024 at 2:30 p.m., MDT

					Engineer's Estimate		Ralph L. Wadsworth Construction Company, LLC	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule IV - Runway Rehabilitation - Replace Concrete Panels (410 SY)								
IV-1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 6,899.26	\$ 6,899.26
IV-2	C-105	Mobilization	1	LS	\$ 20,679.00	\$ 20,679.00	\$ 19,000.00	\$ 19,000.00
IV-3	P-101a	Pavement Removal	410	SY	\$ 50.00	\$ 20,500.00	\$ 73.10	\$ 29,971.00
IV-4	P-101c	Joint Preparation	1,000	LF	\$ 3.00	\$ 3,000.00	\$ 1.82	\$ 1,820.00
IV-5	P-208	Prepare Existing Base Course	10	CY	\$ 150.00	\$ 1,500.00	\$ 812.87	\$ 8,128.70
IV-6	P-501	Concrete Pavement (5-Inches Thick)	60	CY	\$ 950.00	\$ 57,000.00	\$ 1,151.32	\$ 69,079.20
IV-7	P-605	Joint Sealing Filler	1,000	LF	\$ 4.00	\$ 4,000.00	\$ 8.03	\$ 8,030.00
IV-8	P-620a	Marking	10,940	SF	\$ 2.00	\$ 21,880.00	\$ 1.81	\$ 19,801.40
IV-9	P-620b	Temporary Marking	10,940	SF	\$ 2.00	\$ 21,880.00	\$ 2.47	\$ 27,021.80
IV-10	P-620c	Marking Removal	18,370	SF	\$ 3.00	\$ 55,110.00	\$ 2.98	\$ 54,742.60
TOTAL SCHEDULE IV					\$	225,549.00	\$	244,493.96
Bid Total - Schedules I - IV					Engineer's Estimate		Ralph L. Wadsworth Construction Company	
					\$	769,069.00	\$	826,846.30

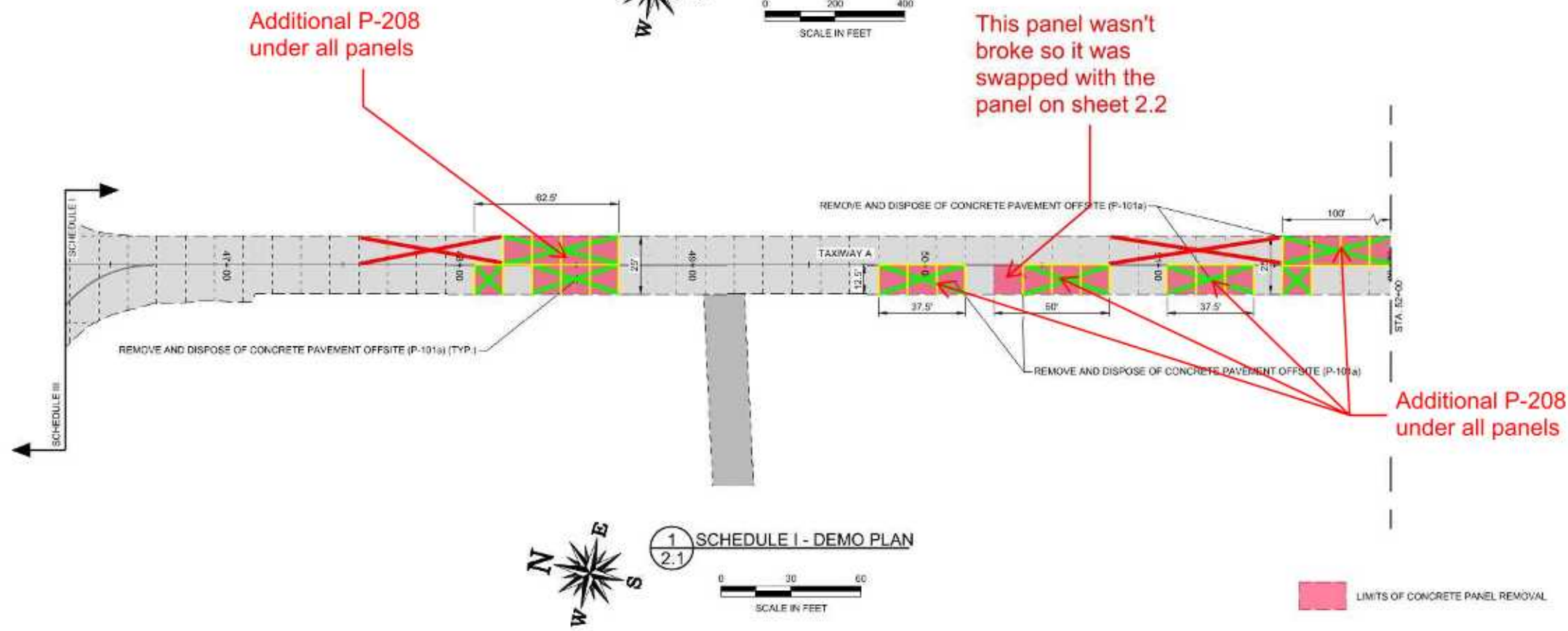
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Panels cross hatched with Green X are panels that were replaced per plan or as directed.

Panels cross hatched with Red X are panel that were damaged by RLW and replaced at our expense.

Yellow line work marks the joint prep/joint sealer that has been done.



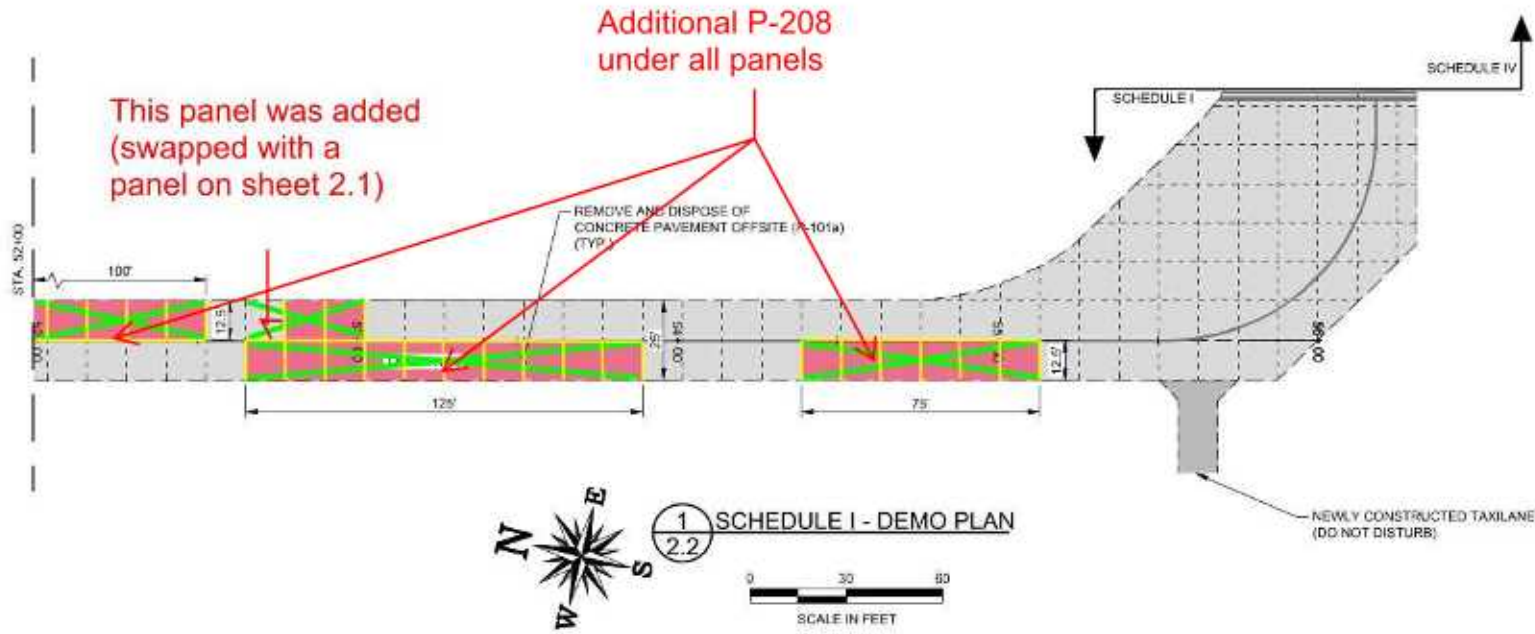
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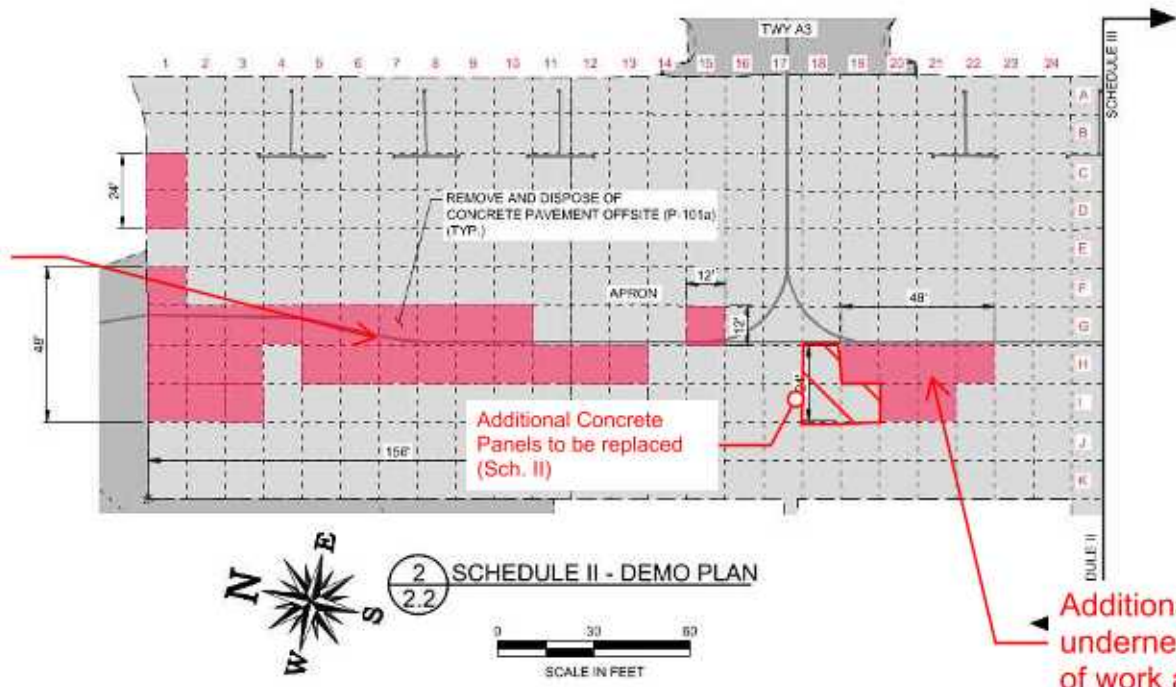
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Checked: BDK
Approved: PJK

DEMOLITION PLAN

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Additional P-208 underneath portions of work area



Additional P-208 underneath portions of work area

LIMITS OF CONCRETE PANEL REMOVAL

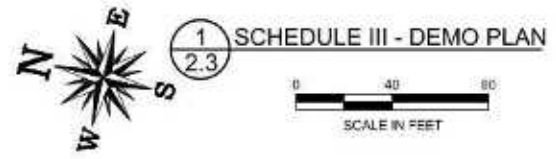
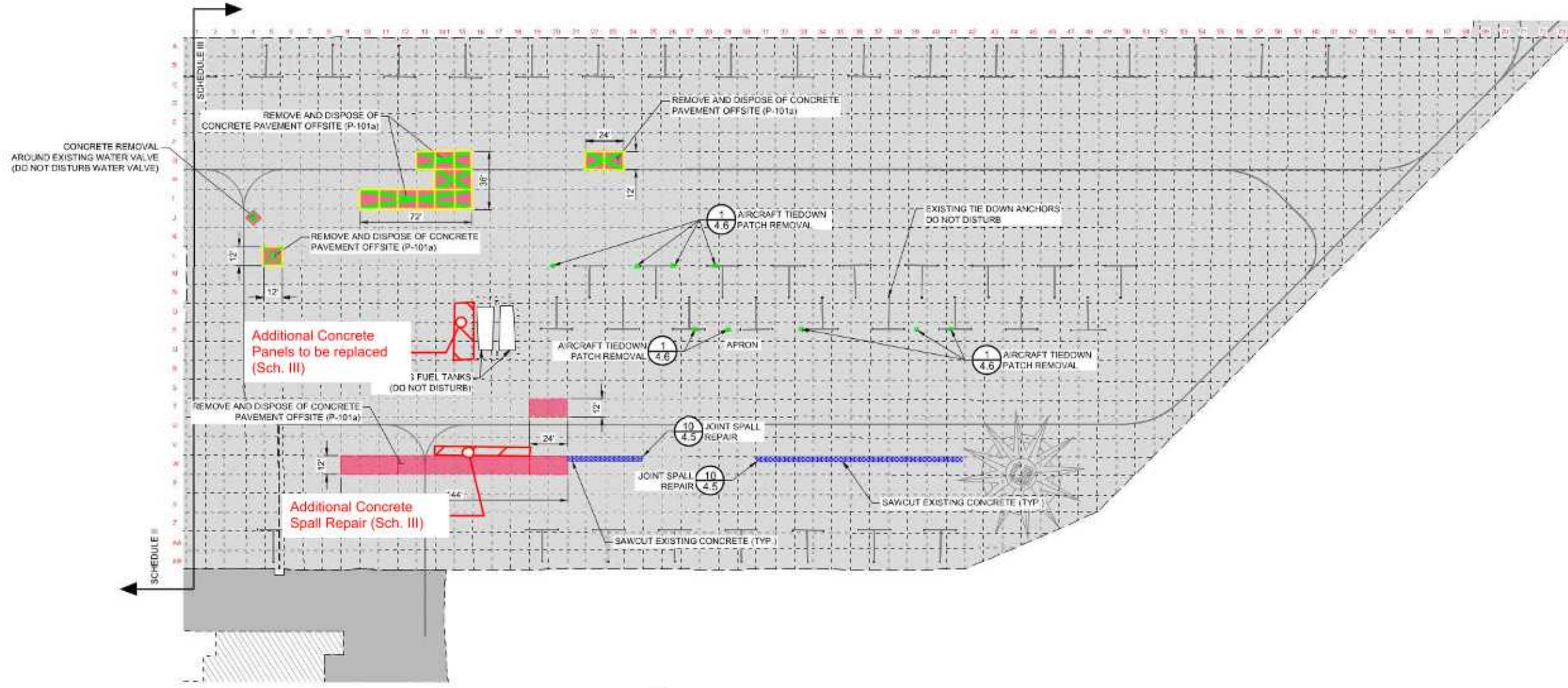
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ACI No. 228471
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File Name: 22847102

Drawn: MAC
Checked: BDK
Approved: PJK

DEMOLITION PLAN

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LIMITS OF CONCRETE PANEL REMOVAL
 LIMITS OF CONCRETE SPALL REMOVAL

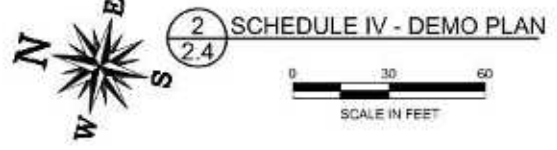
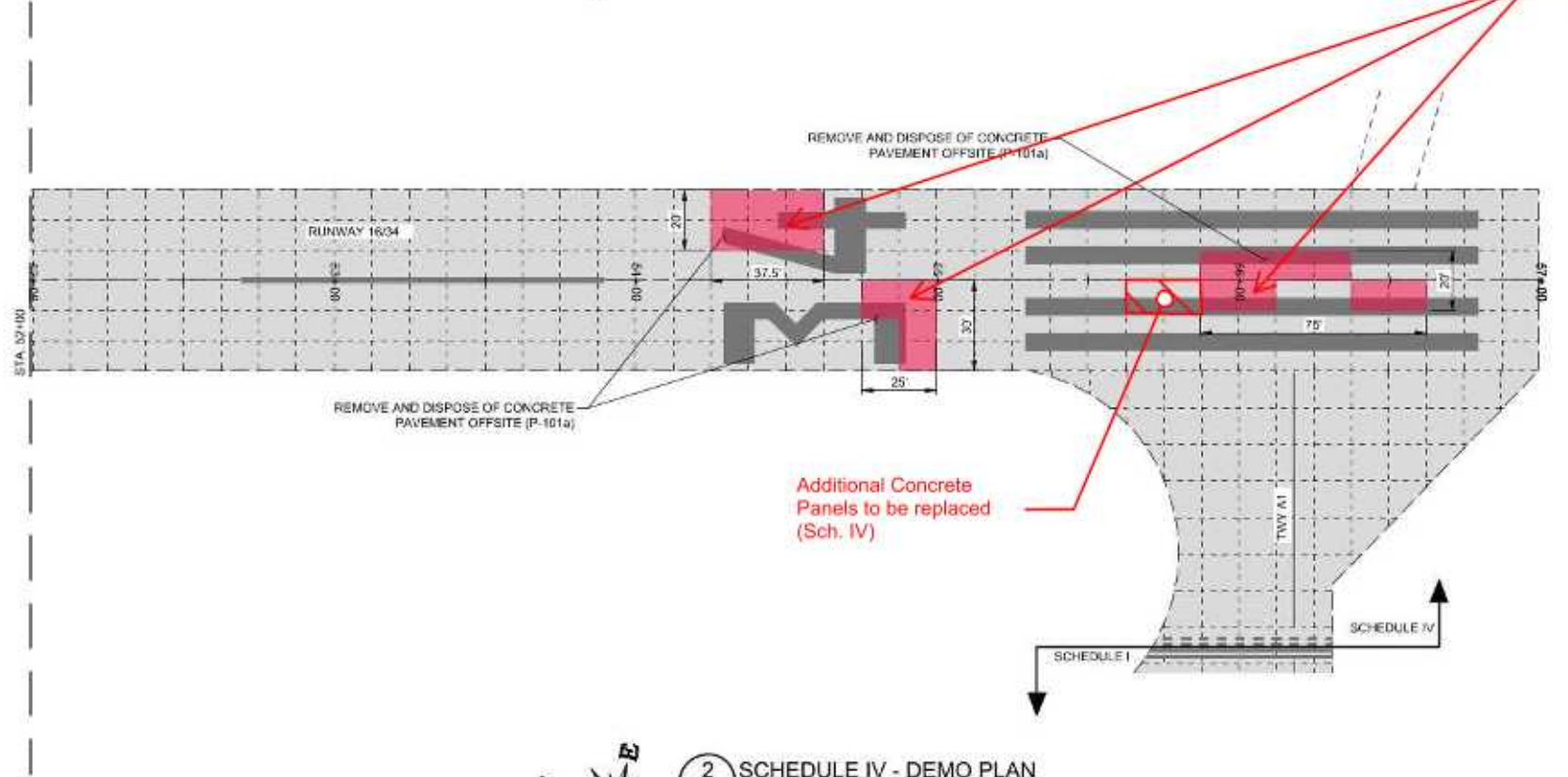
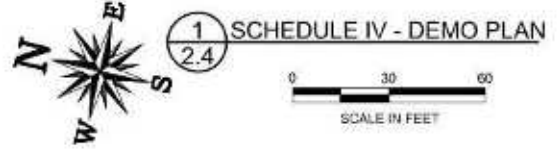
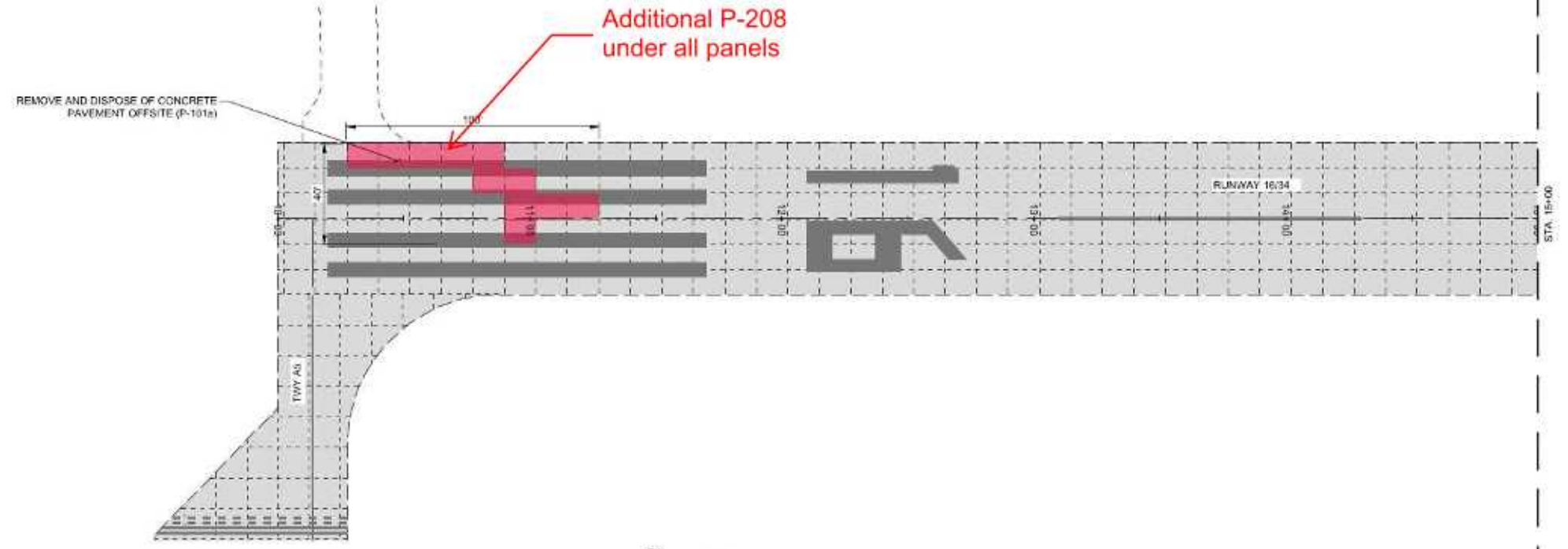
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Drawn: MAC
 Checked: BDJ
 Approved: PJK

DEMOLITION PLAN

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■ LIMITS OF CONCRETE PANEL REMOVAL



ERIE MUNICIPAL AIRPORT
 ERIE, COLORADO
 RWY, APRON AND TWY REHAB
 AIP No. 3-08-0090-023-2024
 & 3-08-0090-024-2024

No.	Revision	Date	By

ACI No. 228471
 Date: MAY 2024
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Drawn: MAC
 Checked: BDK
 Approved: PJK

DEMOLITION PLAN