



# Master Plan Update



## WELCOME

to the final  
**Public Information Workshop**  
for the  
**Elmira-Corning Regional Airport Master Plan Update**

As a Public Information Workshop, there will be no formal presentation.

We encourage you to review the materials presented:

### **Display Boards, Handouts**

Representatives from the:  
**Elmira-Corning Regional Airport and,  
McFarland-Johnson, Inc.**  
are stationed throughout the room to discuss your questions or concerns.

**Thank You for Attending**





# MASTER PLAN UPDATE

CHEMUNG COUNTY  
BIG FLATS, NEW YORK

**OCTOBER 2006**



**Location Map**

## DRAWING INDEX

SHEET NO.	TITLE
1.	EXISTING AIRPORT LAYOUT
2.	AIRPORT LAYOUT PLAN
3.	AIRPORT LAYOUT PLAN TABLES
4.	AIRPORT AIRSPACE PLAN
5.	RWYR APPROACH SURFACE AND RPZ CONTROL PLAN: EXISTING RUNWAY 6-24
6.	RWYR APPROACH SURFACE AND RPZ CONTROL PLAN: PROPOSED RUNWAY 6-24
7.	RWYR APPROACH SURFACE AND RPZ CONTROL PLAN: RUNWAY 10-26
8.	RWYR APPROACH SURFACE AND RPZ CONTROL PLAN: TABLES
9.	TERMINAL AREA PLAN
10.	AIRPORT LAND USE PLAN
11.	AIRPORT PROPERTY MAP



**Vicinity Map**

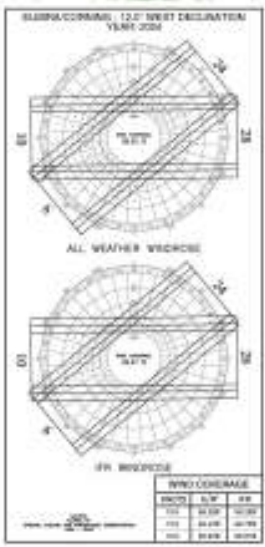
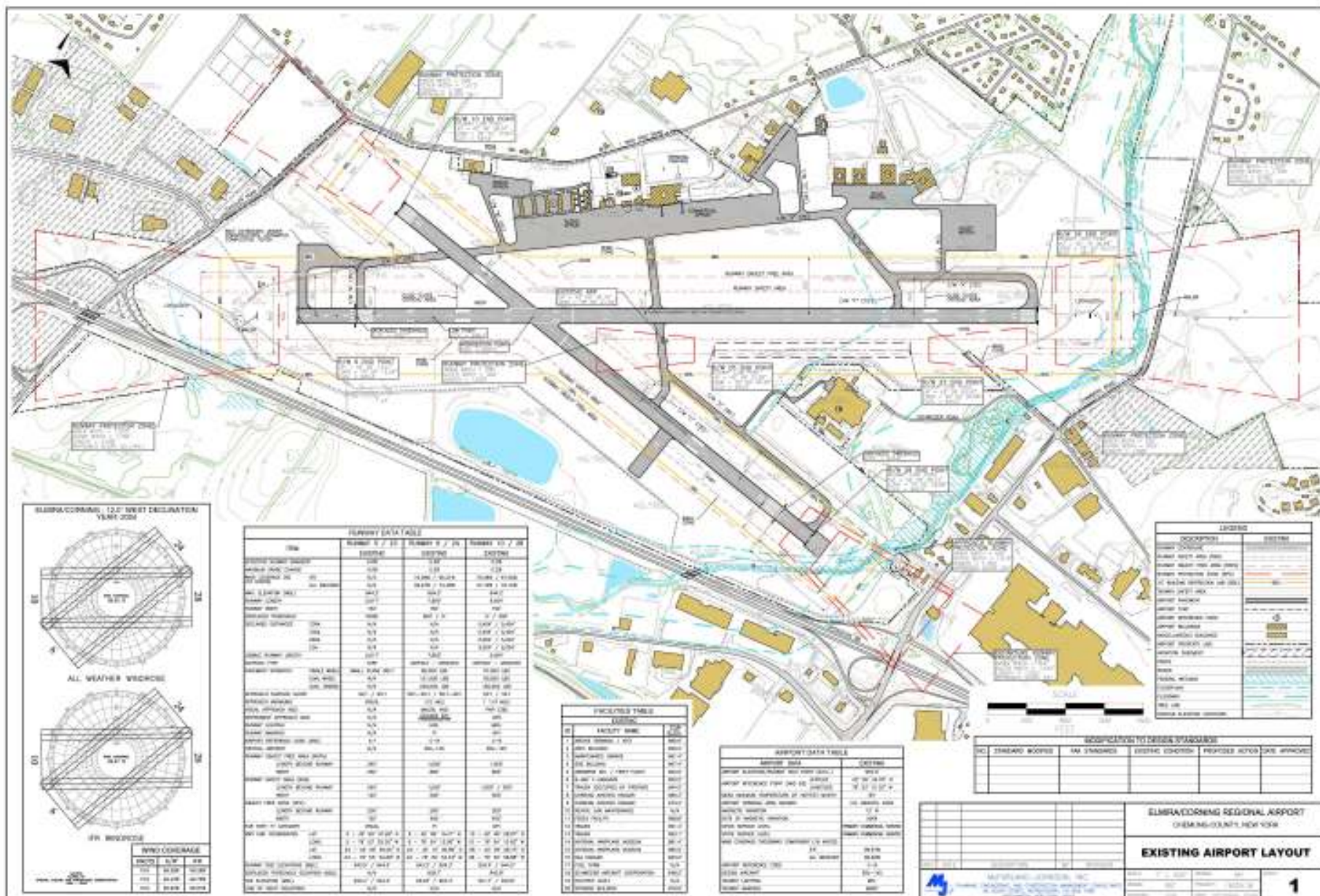
FAA AIP PROJECT NO. 3-36-0026-40-04  
NYS DOT P.I.N. 6901.90  
MCFARLAND-JOHNSON PROJECT NO. 16025.1B

Prepared For:  
CHEMUNG COUNTY

Prepared By:

**Mj McFARLAND-JOHNSON, INC.**

PLANNING, ENGINEERING, AND CONSTRUCTION MANAGEMENT CONSULTANTS  
49 COURT STREET, METROCENTER, PO BOX 1980  
BINGHAMTON, NEW YORK 13902



**SURVEY DATA TABLE**

LINE	BEARING	DISTANCE	BEARING	DISTANCE
1	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
2	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
3	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
4	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
5	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
6	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
7	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
8	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
9	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
10	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
11	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
12	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
13	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
14	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
15	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
16	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
17	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
18	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
19	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
20	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
21	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
22	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
23	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
24	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
25	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
26	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
27	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
28	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
29	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00
30	S 89° 58' 00" W	100.00	S 89° 58' 00" W	100.00

**ENCLOSED TABLE**

NO.	DESCRIPTION	DATE
1	AS-BUILT DRAWING	08/11/2024
2	CONSTRUCTION PERMITS	08/11/2024
3	ENVIRONMENTAL STUDY	08/11/2024
4	ARCHITECTURAL DRAWINGS	08/11/2024
5	ENGINEERING DRAWINGS	08/11/2024
6	UTILITY DRAWINGS	08/11/2024
7	LANDSCAPE ARCHITECTURE	08/11/2024
8	TRAVEL PLANNING	08/11/2024
9	AVIATION SAFETY	08/11/2024
10	AVIATION SECURITY	08/11/2024
11	AVIATION INVESTIGATION	08/11/2024
12	AVIATION MEDICAL	08/11/2024
13	AVIATION POLICE	08/11/2024
14	AVIATION TARIFFS	08/11/2024
15	AVIATION TRAINING	08/11/2024
16	AVIATION WEATHER	08/11/2024
17	AVIATION WEIGHTS	08/11/2024
18	AVIATION YIELD	08/11/2024
19	AVIATION ZONE	08/11/2024
20	AVIATION AIRSPACE	08/11/2024
21	AVIATION OBSTACLES	08/11/2024
22	AVIATION PROCEDURES	08/11/2024
23	AVIATION SAFETY	08/11/2024
24	AVIATION SECURITY	08/11/2024
25	AVIATION INVESTIGATION	08/11/2024
26	AVIATION MEDICAL	08/11/2024
27	AVIATION POLICE	08/11/2024
28	AVIATION TARIFFS	08/11/2024
29	AVIATION TRAINING	08/11/2024
30	AVIATION WEATHER	08/11/2024
31	AVIATION WEIGHTS	08/11/2024
32	AVIATION YIELD	08/11/2024
33	AVIATION ZONE	08/11/2024
34	AVIATION AIRSPACE	08/11/2024
35	AVIATION OBSTACLES	08/11/2024
36	AVIATION PROCEDURES	08/11/2024
37	AVIATION SAFETY	08/11/2024
38	AVIATION SECURITY	08/11/2024
39	AVIATION INVESTIGATION	08/11/2024
40	AVIATION MEDICAL	08/11/2024
41	AVIATION POLICE	08/11/2024
42	AVIATION TARIFFS	08/11/2024
43	AVIATION TRAINING	08/11/2024
44	AVIATION WEATHER	08/11/2024
45	AVIATION WEIGHTS	08/11/2024
46	AVIATION YIELD	08/11/2024
47	AVIATION ZONE	08/11/2024
48	AVIATION AIRSPACE	08/11/2024
49	AVIATION OBSTACLES	08/11/2024
50	AVIATION PROCEDURES	08/11/2024

**AIRPORT DATA TABLE**

NAME	COORDINATES	STATUS
Runway 1	42° 05' 00" N, 76° 55' 00" W	Active
Runway 2	42° 05' 00" N, 76° 55' 00" W	Active
Taxiway A	42° 05' 00" N, 76° 55' 00" W	Active
Taxiway B	42° 05' 00" N, 76° 55' 00" W	Active
Apron 1	42° 05' 00" N, 76° 55' 00" W	Active
Apron 2	42° 05' 00" N, 76° 55' 00" W	Active
Terminal	42° 05' 00" N, 76° 55' 00" W	Active
Control Tower	42° 05' 00" N, 76° 55' 00" W	Active
Weather Station	42° 05' 00" N, 76° 55' 00" W	Active
Security Screening	42° 05' 00" N, 76° 55' 00" W	Active
Passenger Waiting Area	42° 05' 00" N, 76° 55' 00" W	Active
Baggage Claim	42° 05' 00" N, 76° 55' 00" W	Active
Customs and Border Protection	42° 05' 00" N, 76° 55' 00" W	Active
Police Station	42° 05' 00" N, 76° 55' 00" W	Active
Fire Station	42° 05' 00" N, 76° 55' 00" W	Active
Medical Clinic	42° 05' 00" N, 76° 55' 00" W	Active
Police Training Center	42° 05' 00" N, 76° 55' 00" W	Active
Police Academy	42° 05' 00" N, 76° 55' 00" W	Active
Police School	42° 05' 00" N, 76° 55' 00" W	Active
Police Institute	42° 05' 00" N, 76° 55' 00" W	Active
Police College	42° 05' 00" N, 76° 55' 00" W	Active
Police University	42° 05' 00" N, 76° 55' 00" W	Active
Police Seminars	42° 05' 00" N, 76° 55' 00" W	Active
Police Conferences	42° 05' 00" N, 76° 55' 00" W	Active
Police Workshops	42° 05' 00" N, 76° 55' 00" W	Active
Police Seminars	42° 05' 00" N, 76° 55' 00" W	Active
Police Conferences	42° 05' 00" N, 76° 55' 00" W	Active
Police Workshops	42° 05' 00" N, 76° 55' 00" W	Active

**LEGEND**

SYMBOL	DESCRIPTION
[Symbol]	Runway
[Symbol]	Taxiway
[Symbol]	Apron
[Symbol]	Terminal
[Symbol]	Control Tower
[Symbol]	Weather Station
[Symbol]	Security Screening
[Symbol]	Passenger Waiting Area
[Symbol]	Baggage Claim
[Symbol]	Customs and Border Protection
[Symbol]	Police Station
[Symbol]	Fire Station
[Symbol]	Medical Clinic
[Symbol]	Police Training Center
[Symbol]	Police Academy
[Symbol]	Police School
[Symbol]	Police Institute
[Symbol]	Police College
[Symbol]	Police University
[Symbol]	Police Seminars
[Symbol]	Police Conferences
[Symbol]	Police Workshops

**INDICATIONS TO DESIGN STANDARDS**

NO.	STANDARD NUMBER	DATE	STATUS
1	AS-BUILT DRAWING	08/11/2024	Active
2	CONSTRUCTION PERMITS	08/11/2024	Active
3	ENVIRONMENTAL STUDY	08/11/2024	Active
4	ARCHITECTURAL DRAWINGS	08/11/2024	Active
5	ENGINEERING DRAWINGS	08/11/2024	Active
6	UTILITY DRAWINGS	08/11/2024	Active
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31	AVIATION WEIGHTS	08/11/2024	Active
32	AVIATION YIELD	08/11/2024	Active
33	AVIATION ZONE	08/11/2024	Active
34	AVIATION AIRSPACE	08/11/2024	Active
35	AVIATION OBSTACLES	08/11/2024	Active
36	AVIATION PROCEDURES	08/11/2024	Active

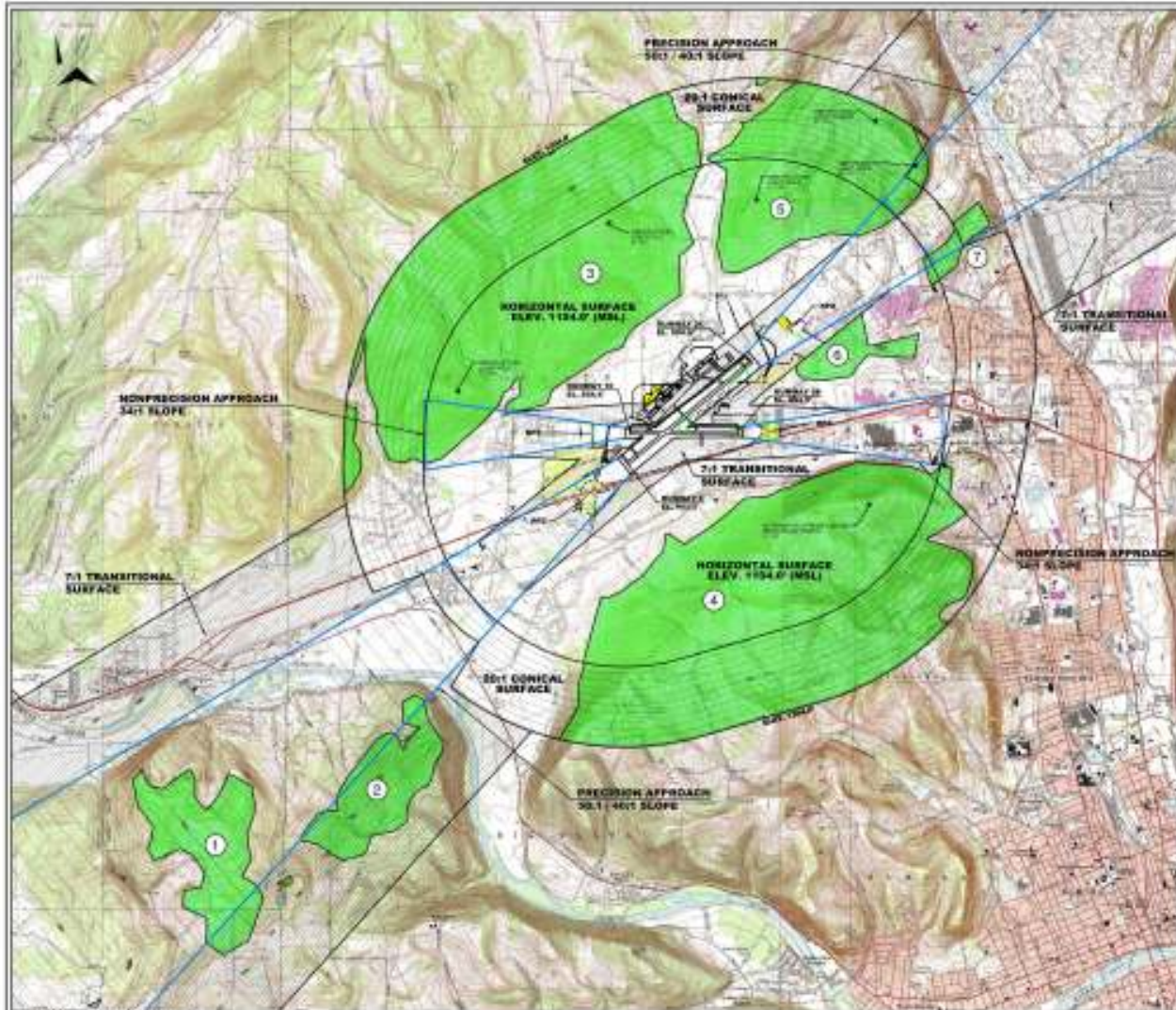
**ELMIRA-CORNING REGIONAL AIRPORT**  
 CHEMUNG COUNTY, NEW YORK

**EXISTING AIRPORT LAYOUT**

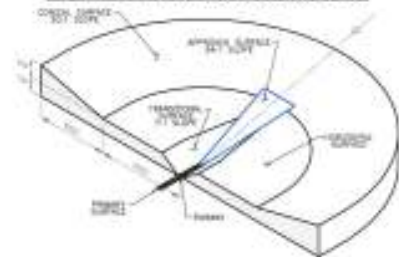
**1**







ISOMETRIC VIEW OF IMAGINARY SURFACES



SOURCE: USGS QUADRANGLES

BC FLATS, NEW YORK 1976	HORSEHEAD, NEW YORK 1976
SEELY CREEK, NEW YORK 1969	ELMIRA, NEW YORK 1965

- AREA UNDER AIRPORT'S OBSTACLE CONE, 100FT AND BUILDING OBSTRUCTIONS AT THE APPROACH, TRANSITION, TAKEOFF, AND CLIMB SURFACES (ASSUMED OBSTRUCTION HEIGHT OF 100')
- AREA TO BE ACQUIRED
- EXISTED AIRPORT GRADIENT
- PROPOSED AIRPORT GRADIENT
- AREA TO BE ACQUIRED



NOTE: THE AIRPORT OBSTRUCTION PLANS SHOWN IN SHEETS 1, 2 & 3  
 LOCATIONS OF OBSTRUCTION LIGHTS SHOWN IN LIGHT OBSTRUCTION PLANS  
 AIRPORT OBSTRUCTION LIGHTS: 10000 FT. HGT.

PART 71 SURFACE: RWY 24 APPROACH			
PART 71 SURFACE: RWY 24			
NUMBER	DESCRIPTION	TOP ELEVATION	PERFORMANCE
1	100' W. OF RWY 24	1157.0	37.7' 1:200'
2	100' E. OF RWY 24	1160.0	100' 1:200'

PART 71 SURFACE: HORIZONTAL			
PART 71 SURFACE: FLAT			
NUMBER	DESCRIPTION	TOP ELEVATION	PERFORMANCE
1	100' W. OF RWY 24	1157.0	1:200'
2	100' E. OF RWY 24	1160.0	1:200'

PART 71 SURFACE: CONICAL			
PART 71 SURFACE: 30:1			
NUMBER	DESCRIPTION	TOP ELEVATION	PERFORMANCE
1	100' W. OF RWY 24	1157.0	37.7' 1:200'
2	100' E. OF RWY 24	1160.0	100' 1:200'

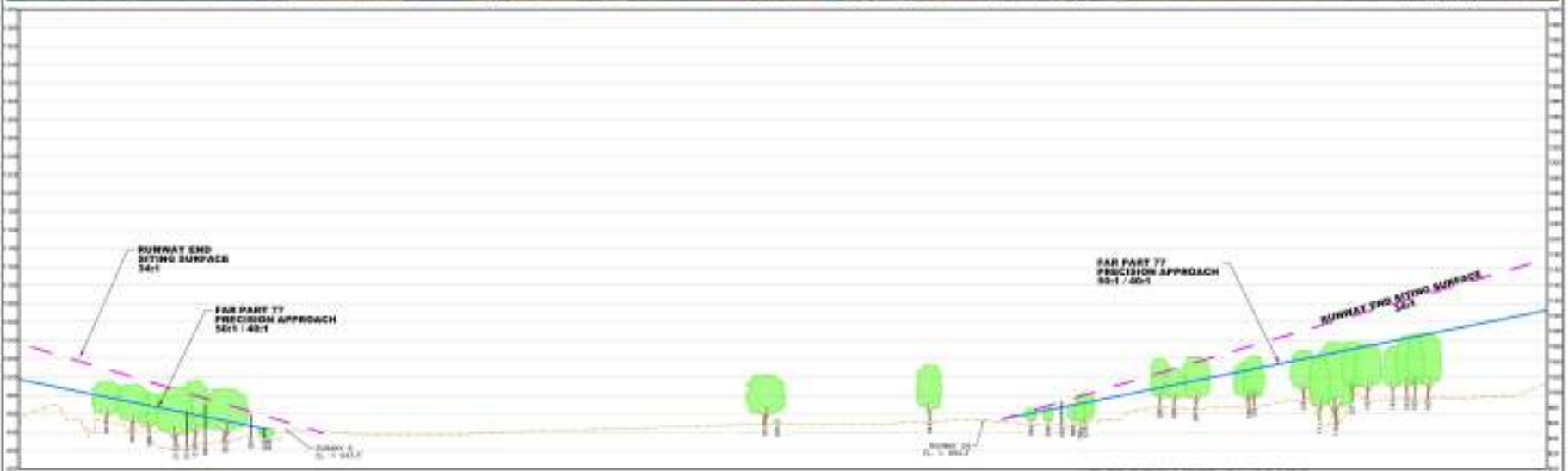
PART 71 SURFACE: TRANSITIONAL			
PART 71 SURFACE: 7:1			
NUMBER	DESCRIPTION	TOP ELEVATION	PERFORMANCE
1	100' W. OF RWY 24	1157.0	37.7' 1:200'
2	100' E. OF RWY 24	1160.0	100' 1:200'

PART 71 SURFACE: RWY 24 APPROACH			
NUMBER	DESCRIPTION	TOP ELEVATION	PERFORMANCE
1	100' W. OF RWY 24	1157.0	37.7' 1:200'
2	100' E. OF RWY 24	1160.0	100' 1:200'

ELMIRA-CORNING REGIONAL AIRPORT  
 CHEMUNG COUNTY, NEW YORK

**AIRPORT AIRSPACE PLAN**

**4**



LEGEND			
ITEM	SYMBOL	ITEM	SYMBOL
FAIR PART 77 PRECISION APPROACH 50:1 / 40:1	[Pink dashed line]	FAIR PART 77 PRECISION APPROACH 50:1 / 40:1	[Pink dashed line]
FAIR PART 77 PRECISION APPROACH 50:1 / 40:1	[Pink dashed line]	FAIR PART 77 PRECISION APPROACH 50:1 / 40:1	[Pink dashed line]
FAIR PART 77 PRECISION APPROACH 50:1 / 40:1	[Pink dashed line]	FAIR PART 77 PRECISION APPROACH 50:1 / 40:1	[Pink dashed line]
FAIR PART 77 PRECISION APPROACH 50:1 / 40:1	[Pink dashed line]	FAIR PART 77 PRECISION APPROACH 50:1 / 40:1	[Pink dashed line]

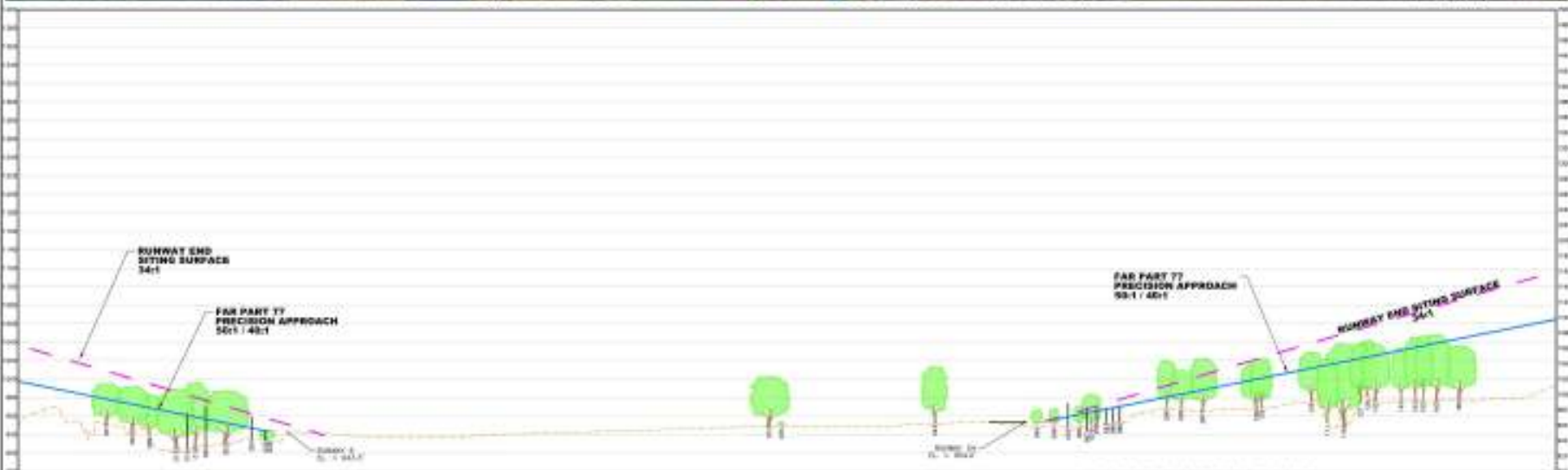
NO. 104 (REVISED) SHEET NO. 14 OF 24

DATE	BY	CHECKED	DATE

ELMIRA-CORNING REGIONAL AIRPORT  
 CHEMUNG COUNTY, NEW YORK

**INNER APPROACH SURFACE AND  
 RPZ CONTROL PLAN  
 EXISTING RUNWAY 6-24**

**5**



LEGEND			
ITEM	SYMBOL	ITEM	SYMBOL
FAIRWAY PROTECTION SURFACE	[Green shaded area]	PROPOSED RUNWAY	[Purple line]
FAIRWAY PROTECTION SURFACE	[Green shaded area]	PROPOSED RUNWAY	[Purple line]
FAIRWAY PROTECTION SURFACE	[Green shaded area]	PROPOSED RUNWAY	[Purple line]
FAIRWAY PROTECTION SURFACE	[Green shaded area]	PROPOSED RUNWAY	[Purple line]

REVISIONS	
NO.	DESCRIPTION

ELMIRA-CORNING REGIONAL AIRPORT  
ORISKANY COUNTY, NEW YORK

**INNER APPROACH SURFACE AND  
RPZ CONTROL PLAN  
PROPOSED RUNWAY 6-24**

**6**



LEGEND			
ITEM	SYMBOL	ITEM	SYMBOL
FAR PART 77 APPROACH SURFACE	[Green shaded area]	PARALLEL SURFACE	[Green shaded area]
FAR PART 77 SLOPE INDICATOR	[Green shaded area]	PARALLEL SURFACE	[Green shaded area]
FAR PART 77 APPROACH TERRAIN	[Green shaded area]	PARALLEL SURFACE	[Green shaded area]
FAR PART 77 APPROACH TERRAIN	[Green shaded area]	PARALLEL SURFACE	[Green shaded area]
FAR PART 77 APPROACH TERRAIN	[Green shaded area]	PARALLEL SURFACE	[Green shaded area]
FAR PART 77 APPROACH TERRAIN	[Green shaded area]	PARALLEL SURFACE	[Green shaded area]

NO. 101 (REVISED) SECTION 100.1 OF 100.1


ELMIRA-CORNING REGIONAL AIRPORT  
 ORISKANY COUNTY, NEW YORK  
**INNER APPROACH SURFACE AND  
 RPZ CONTROL PLAN:  
 RUNWAY 10-28**

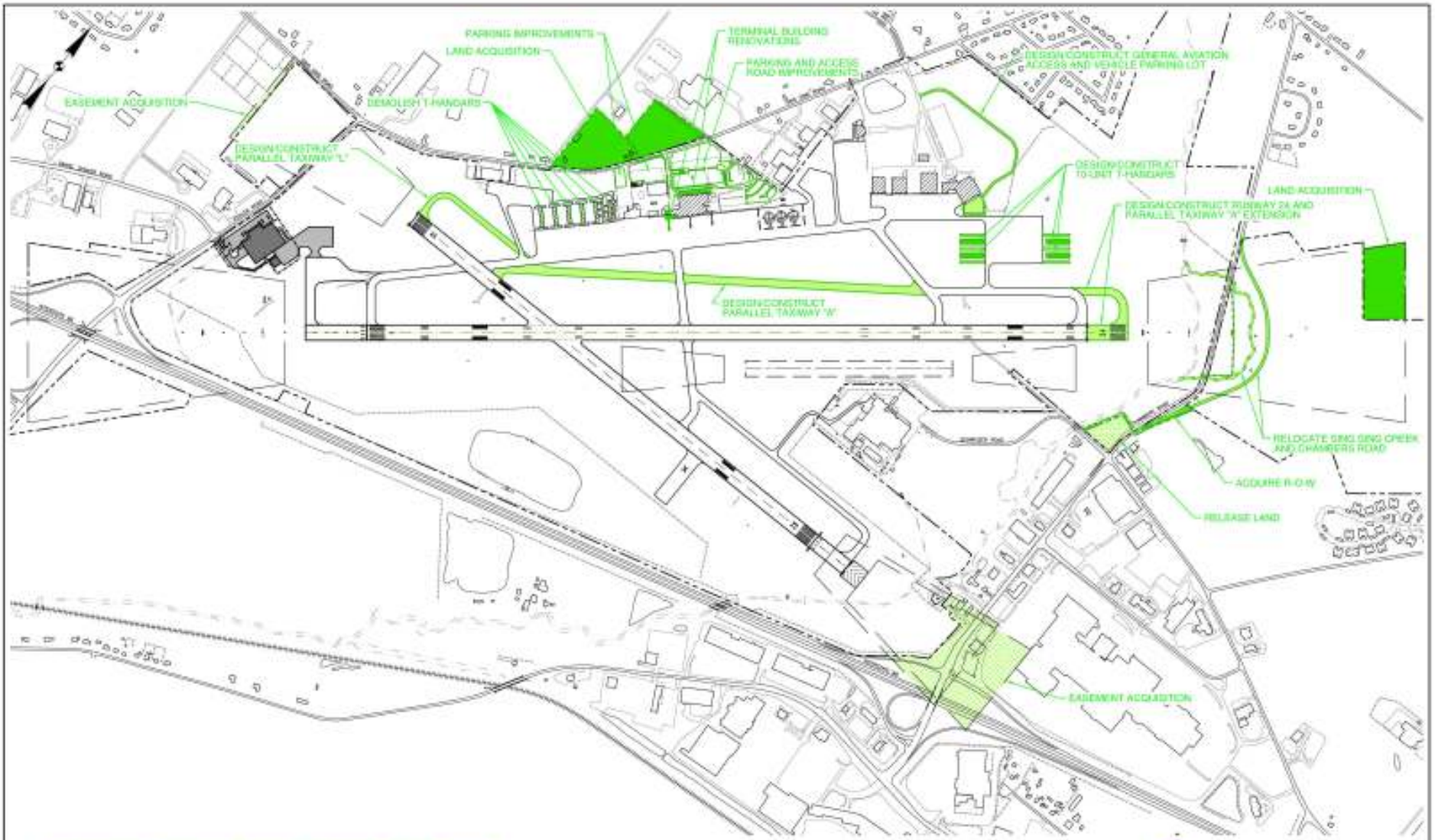
**M. FAIRLAND-JENNINGS, INC.**  
 1000 N. STATE ST. SUITE 200  
 ELMIRA, NY 14905  
 TEL: 607/734-1111  
 FAX: 607/734-1112  
 WWW: WWW.MFAIRLAND-JENNINGS.COM







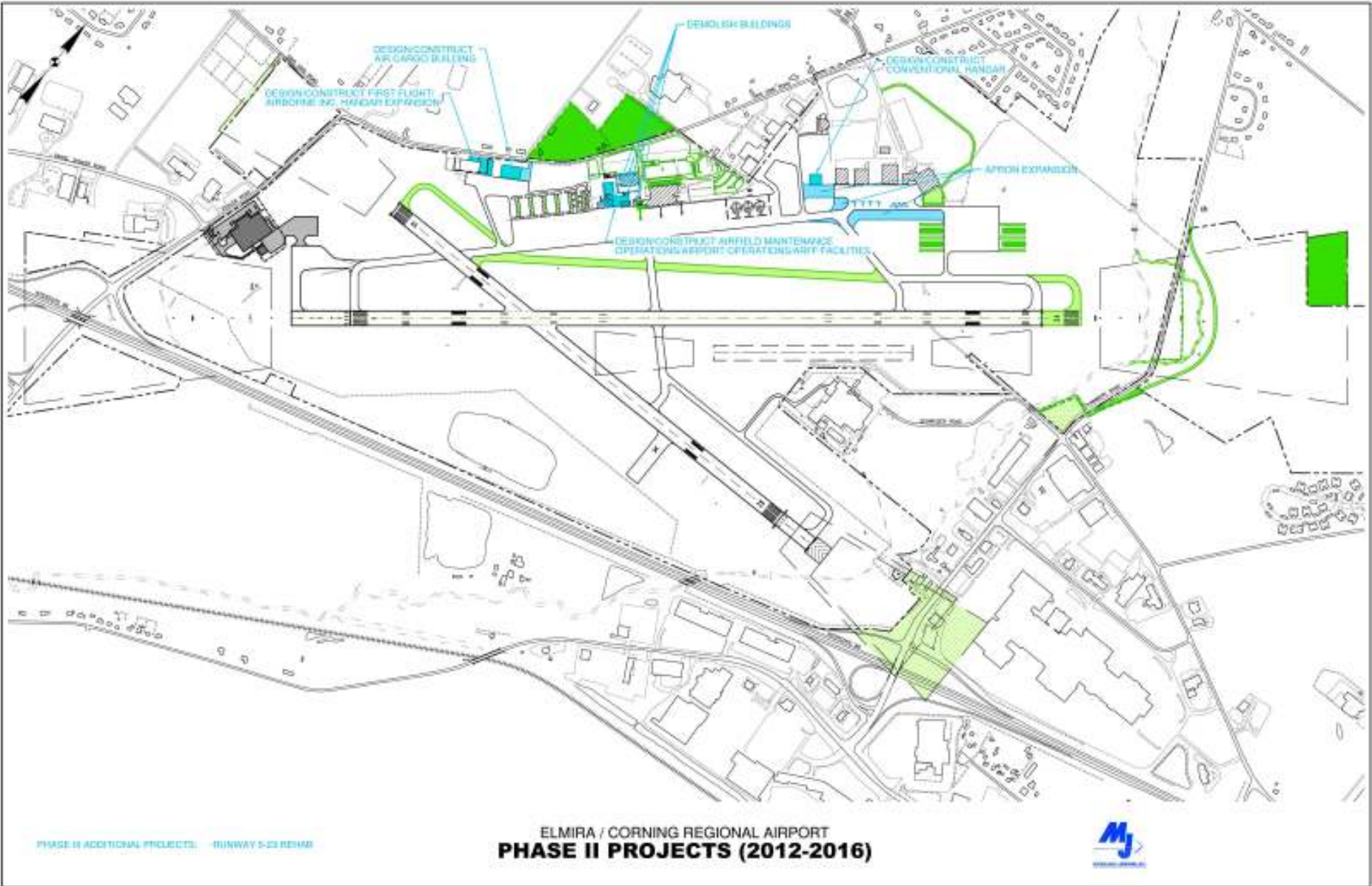


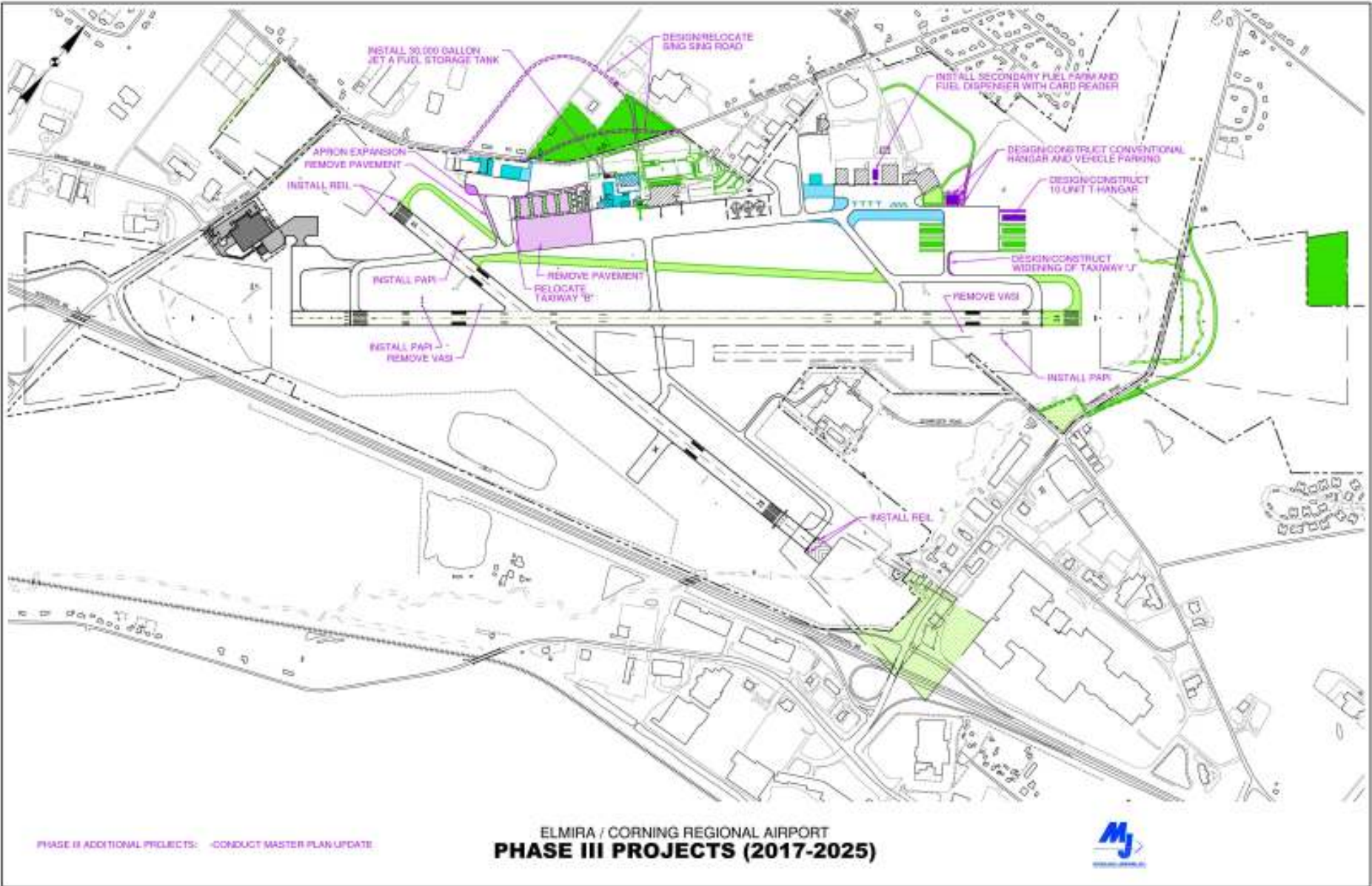


PHASE I ADDITIONAL ENVIRONMENTAL ASSESSMENT (10 FIVE YEARS OF MPU PROJECTS)  
 PRELECTS  
 RUNWAY 6 24 RENOV. CENTERLINE LIGHTS, AND BARRIERS  
 AIRFIELD DRAINAGE IMPROVEMENTS  
 RENOV TAXIWAY "A" (APPROACH END 24) AND FUTURE TAXIWAY "E"

ELMIRA / CORNING REGIONAL AIRPORT  
**PHASE I PROJECTS (2007-2011)**











# What do you Think?

## *We Value Your Input*

**Please fill out a comment sheet and  
leave it here or take it with you  
and return it by October 30th.**

Written correspondence can be addressed to:

McFarland-Johnson, Inc.  
Attn: Marsha Hochstadt  
49 Court Street, Metrocenter  
PO Box 1980  
Binghamton, NY 13902-1980  
[mhochstadt@mjinc.com](mailto:mhochstadt@mjinc.com)

