

# VILLAGE OF LANSING LANSING, ILLINOIS

## CONSTRUCTION PLANS FOR LANSING MUNICIPAL AIRPORT

### REHABILITATE TAXIWAY A AND CONNECTORS

ILLINOIS PROJECT: IGQ-4817  
SBGP PROJECT: 3-17-SBGP-TBD

JUNE 5, 2020

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	RECORD QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	LS	1	
AR150520	MOBILIZATION	LS	1	
AR152410	UNCLASSIFIED EXCAVATION	CY	250	
AR152480	SHOULDER ADJUSTMENT	SY	1,250	
AR152540	SOIL STABILIZATION FABRIC	SY	300	
AR156510	SILT FENCE	LF	175	
AR156520	INLET PROTECTION	EACH	4	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	LF	500	
AR201663	SAND MIX CRACK REPAIR	LF	560	
AR208515	POROUS GRANULAR EMBANKMENT	CY	50	
AR209606	CRUSHED AGG. BASE COURSE - 6"	SY	100	
AR401610	BITUMINOUS SURFACE COURSE	TON	2,600	
AR401630	BITUMINOUS SURFACE TEST SECTION	EACH	1	
AR401650	BITUMINOUS PAVEMENT MILLING	SY	21,700	
AR401910	REMOVE & REPLACE BIT. PAVEMENT	SY	1,140	
AR603510	BITUMINOUS TACK COAT	GAL	3,260	
AR620520	PAVEMENT MARKING - WATERBORNE	SF	4,500	
AR620525	PAVEMENT MARKING - BLACK BORDER	SF	8,800	
AR800159	SEEDING	SY	1,250	
AR800162	MULCHING	SY	1,250	

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**REHABILITATE TAXIWAY A AND CONNECTORS**

APPROVED BY \_\_\_\_\_ MAYOR  
PATTY EIDAM

APPROVED BY \_\_\_\_\_ AIRPORT MANAGER  
JOHN DELAURENTIIS

DATE \_\_\_\_\_ 20\_\_

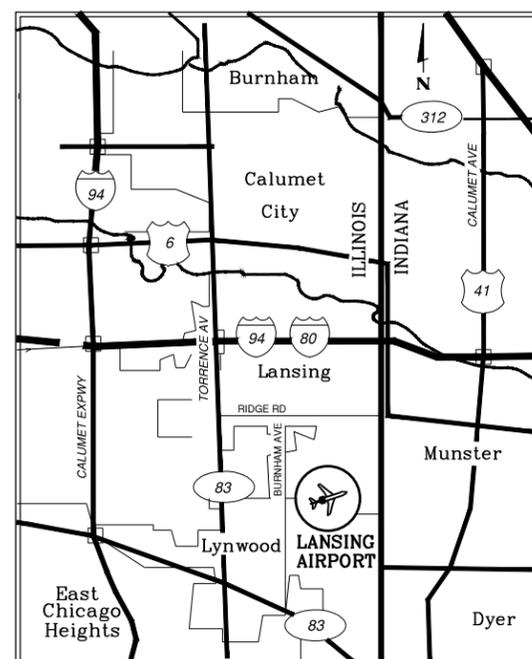


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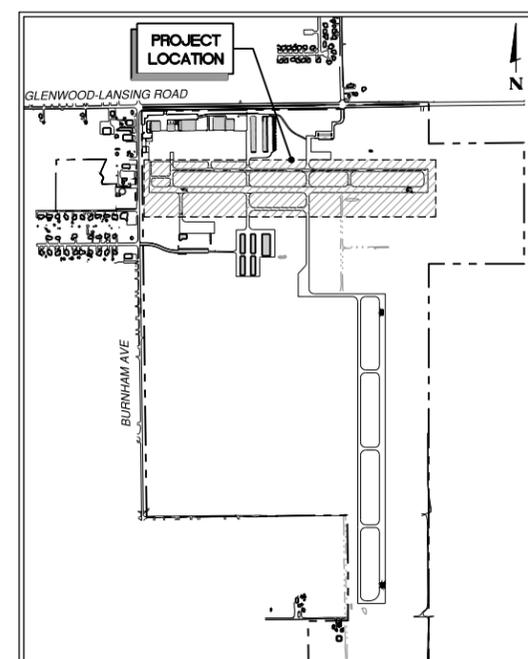


SUBMITTED BY \_\_\_\_\_  
ANTONIO R. MARIN, P.E.

DATE \_\_\_\_\_  
JUNE 5, 2020



LOCATION MAP



SITE PLAN

**811** Know what's below. Call before you dig.

J.U.L.I.E. JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS  
www.illinois1call.com

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACTUAL LOCATIONS OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF HIS OPERATIONAL PLANS, OBTAIN FROM RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION AND THE ONE-CALL NOTICE SYSTEM. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH UTILITY OR SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 811.

**DESIGN INFORMATION**

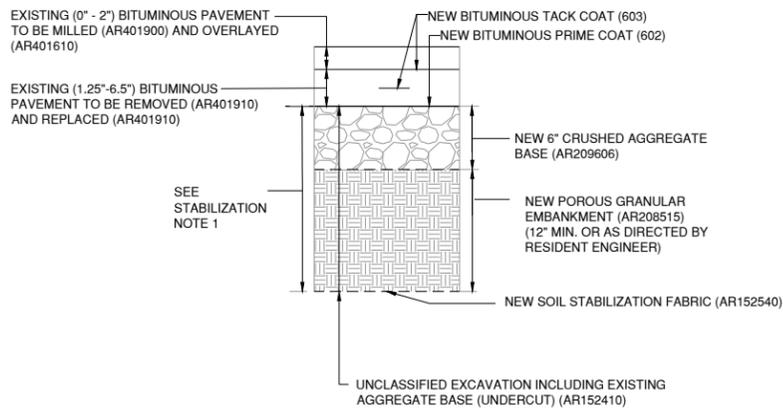
APPROACH CATEGORY B  
DESIGN GROUP II

LANSING MUNICIPAL AIRPORT

TOWNSHIP: 35 NORTH  
RANGE: 15 EAST  
COOK COUNTY

BLOOM TOWNSHIP  
(SECTION: 8 AND 17)  
OPPOSITE GLENWOOD-LANSING ROAD

UNICOM RADIO FREQUENCY - 122.7

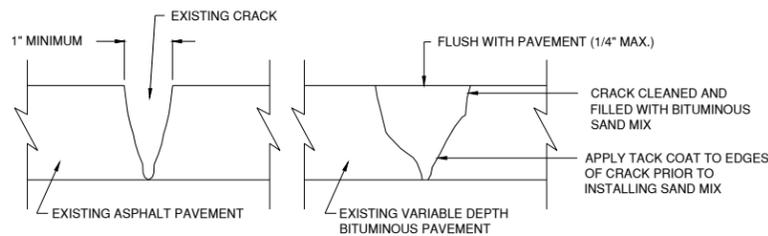


**STABILIZATION TYPICAL SECTION**

NOT TO SCALE

**STABILIZATION NOTES:**

- LOCATIONS FOR FURNISHING AND PLACING POROUS GRANULAR EMBANKMENT SHALL BE AS THE FIELD CONDITIONS WARRANT AT THE TIME OF CONSTRUCTION. THIS MATERIAL IS INTENDED TO REPAIR SOFT SUBGRADE AS DIRECTED BY THE RESIDENT ENGINEER. NO ADJUSTMENT IN UNIT PRICE WILL BE ALLOWED FOR AN INCREASE OR DECREASE IN QUANTITIES. EXCAVATION OF THE SOFT SUBGRADE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR UNCLASSIFIED EXCAVATION. (REFER TO STABILIZATION TYPICAL SECTION)

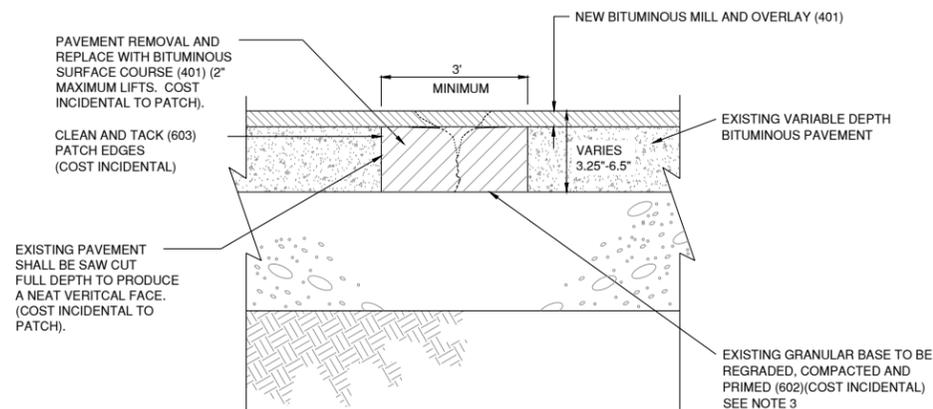


**HMA SAND MIX CRACK REPAIR DETAIL (AR201663)**

NOT TO SCALE

**HMA SAND MIX CRACK REPAIR NOTES**

- CRACKS TO BE FILLED WITH SAND MIX SHALL BE DESIGNATED BY THE RESIDENT ENGINEER.
- SAND MIX CRACK REPAIR SHALL BE USED ON ALL CRACKS GREATER THAN 1" WIDE OR AS DESIGNATED BY THE RESIDENT ENGINEER.
- CONTRACTOR SHALL ROUTE, CRACK FLOW AND REMOVE LOOSE FILLER, LOOSE AGGREGATE AND LAITANCE WITH COMPRESSED AIR AS SPECIFIED PRIOR TO SEALING



**REMOVE AND REPLACE BITUMINOUS PAVEMENT (AR401910)**

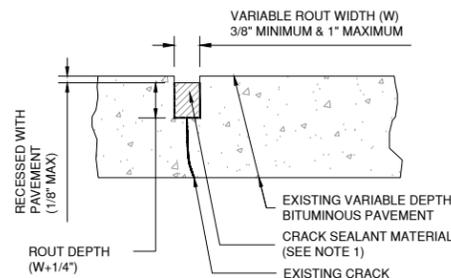
NOT TO SCALE

**PAVEMENT REMOVAL AND REPLACEMENT NOTES**

- DEPTHS OF EXISTING PAVEMENTS SECTIONS ARE APPROXIMATE BASED ON DATA SUPPLIED BY RECORDS, AIRPORT PERSONNEL, AND PAVEMENT CORES. THE CONTRACTOR SHALL VERIFY THE TYPE AND THICKNESS OF MATERIAL TO REMOVE. NO EXTRA COMPENSATION WILL BE ALLOWED FOR ANY VARIATION IN THE PAVEMENT SECTIONS ACTUALLY ENCOUNTERED.
- PAVEMENT REMOVAL AND REPLACEMENT QUANTITIES ARE ESTIMATED. EXISTING MEDIUM TO HIGH SEVERITY TRANSVERSE CRACKS ARE SPACED AT VARIABLE INTERVALS. THE RESIDENT ENGINEER SHALL LAY OUT PAVEMENT REMOVAL AND REPLACEMENT AREAS IN THE FIELD DURING CONSTRUCTION.
- AS FIELD CONDITIONS WARRANT AT THE TIME IF CONSTRUCTION, FURNISHING AND PLACING OF POROUS GRANULAR EMBANKMENT AND/OR REMOVAL AND REPLACEMENT OF AGGREGATE BASE COURSE SHALL BE DONE AT SECTIONS WHERE THE REMOVE AND REPLACE BITUMINOUS PAVEMENT IS UTILIZED. THIS SHALL BE DONE TO REPAIR SOFT SUBGRADE AS DETERMINED BY THE RESIDENT ENGINEER BASED ON RESULTS OF THE GEOTECHNICAL TESTING OR PROOF ROLL. NO ADJUSTMENT IN UNIT PRICE WILL BE ALLOWED FOR AN INCREASE OR DECREASE IN QUANTITIES. SEE STABILIZATION TYPICAL SECTION FOR DETAIL.

**GENERAL NOTES**

- THE EXISTING PAVEMENT STRUCTURE WAS DESIGNED FOR EXCLUSIVE USE BY SMALL AIRCRAFT. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE PAVEMENT STRUCTURE AND SUBGRADE FROM DAMAGE, WHICH MAY INCLUDE BUT NOT BE LIMITED TO USE OF TRACKED EQUIPMENT, SHORT HAUL TRUCKS OR TRACKED PAVERS, AT NO ADDITIONAL COST TO CONTRACT.
- AT ALL TIMES THE CONTRACTOR SHALL PERFORM ALL MAINTENANCE WORK NECESSARY TO KEEP EACH NEWLY CONSTRUCTED PAVEMENT SECTION LAYER IN A SATISFACTORY CONDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE DONE BY HIS HAULING AND CONSTRUCTION EQUIPMENT. ANY WORK NECESSARY TO CORRECT DAMAGED WORK AND EXISTING PAVEMENT SHALL BE PERFORMED BY THE CONTRACTOR AND AT THE EXPENSE OF THE CONTRACTOR.
- THE RESIDENT ENGINEER IN CONSULTATION WITH THE AIRPORT SHALL IDENTIFY ALL CRACKS TO BE REPAIRED AND OR SEALED. CONTRACTOR SHALL ADJUST THEIR OPERATIONS AS NECESSARY FOR THE IDENTIFIED WORK. NO ADDITIONAL COMPENSATION SHALL BE MADE.
- CONTRACTOR SHALL DISPOSE OF ALL PAVEMENT REMOVAL AND OTHER MISCELLANEOUS CONSTRUCTION DEBRIS OFF OF AIRPORT PROPERTY UNLESS OTHERWISE NOTED ON PLANS.
- PAVEMENT REMOVAL AND REPLACEMENT AREAS SHALL BE LAID OUT BY THE RESIDENT ENGINEER IN THE FIELD DURING CONSTRUCTION.
- THE FIRST LANE OF THE FIRST LIFT OF THE HMA SURFACE COURSE SHALL BE STARTED AT THE CENTER OF THE PAVEMENT WITH A TAUT STRINGLINE (GUIDE WIRE) SET TO GRADE AT BOTH SIDES OF THE PAVEMENT. THE AUTOMATIC GRADE CONTROL SYSTEM OF THE PAVEMENT SHALL BE USED TO CONTROL GRADE OF BOTH SIDES OF THE PAVEMENT FROM THESE REFERENCE STRINGLINES. THE GRADE CONTROL FOR THE ADJACENT LANES OF PAVEMENT SHALL BE MAINTAINED BY USING A MATCHING SHOE WITH THE PREVIOUS LAID PAVEMENT AND A STRINGLINE ON THE OUTER EDGE OF THE NEXT LANE. A STRINGLINE AND MATCHING SHOE SHALL BE USED TO PAVE ALL REMAINING LANES OF THE FIRST LIFT OF SURFACE COURSE.



**CLEAN AND SEAL BITUMINOUS CRACKS (AR201661)**

NOT TO SCALE

**CRACK SEALING NOTES:**

- THE CRACK ROUTING DIMENSIONS WILL PROVIDE A WIDTH TO DEPTH RATIO OF 1:1 FOR SEALANT MATERIAL.
- CRACKS TO BE ROUTED, CLEANED AND SEALED AT LOCATIONS DESIGNATED BY THE RESIDENT ENGINEER.

**MILLING TABLE NOTES**

- MILLING DEPTH TABLE IS FOR TAXIWAY A ONLY. ALL OTHER TAXIWAY CONNECTIONS IS A 2" MILL AND OVERLAY.
- MILL DEPTH IS SHOWN IN FEET.
- THE BITUMINOUS PAVEMENT MILLING DEPTHS ARE PROVIDED TO ACHIEVE THE 2" BITUMINOUS OVERLAY DEPTH.
- NEGATIVE BITUMINOUS MILLING DEPTHS REFLECT A REQUIRED BITUMINOUS LEVELING TO ACHIEVE THE 2" BITUMINOUS OVERLAY. NO BITUMINOUS MILLING IS REQUIRED IN THESE LOCATIONS.
- BITUMINOUS LEVELING SHALL BE PLACED AT THE NEGATIVE MILL DEPTH LOCATIONS AS SPECIFIED IN THE TABLE TO ACHIEVE THE APPROPRIATE DEPTH PRIOR TO THE 2" BITUMINOUS OVERLAY. BITUMINOUS LEVELING SHALL BE PAID FOR UNDER AR401610 - BITUMINOUS SURFACE COURSE.
- NO ADDITIONAL PAYMENT FOR MILLING DEPTHS GREATER THAN SPECIFIED IN THE PLANS WILL BE MADE
- N/A ELEVATIONS ARE LOCATIONS OUTSIDE THE TAXIWAY A PAVEMENT.
- SEE PLAN AND PROFILES FOR ELEVATIONS AT CROSSING TAXIWAYS.
- ALL BUTT JOINT CONSTRUCTION, VARIABLE MILLING AND 2" MILLING SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE PAID FOR AS AR401650 BITUMINOUS PAVEMENT MILLING.

STATION	BITUMINOUS PAVEMENT MILLING (AR401650) - TAXIWAY A MILLING DEPTHS								
	17.5' LEFT OF CENTERLINE			CENTERLINE			17.5' RIGHT OF CENTERLINE		
	PROP. ELEV.	EXST. ELEV.	MILL. DEPTH	PROP. ELEV.	EXST. ELEV.	MILL. DEPTH	PROP. ELEV.	EXST. ELEV.	MILL. DEPTH
4+12.41	615.23	615.23	0.17	615.44	615.44	0.17	615.39	615.39	0.17
4+29.35	615.52	615.52	0.17	615.74	615.67	0.10	615.51	615.51	0.17
4+50.00	615.53	615.44	0.08	615.75	615.66	0.08	615.50	615.50	0.17
5+00.00	615.57	615.44	0.04	615.79	615.70	0.08	615.54	615.54	0.17
5+50.00	615.57	615.42	0.02	615.83	615.70	0.04	615.57	615.44	0.04
6+00.00	615.57	615.41	0.01	615.83	615.71	0.05	615.57	615.44	0.04
6+50.00	615.57	615.42	0.01	615.83	615.70	0.04	615.57	615.43	0.03
7+00.00	615.57	615.39	-0.01	615.83	615.72	0.06	615.57	615.43	0.03
7+50.00	615.57	615.36	-0.04	615.83	615.70	0.04	615.57	615.39	-0.01
7+75.00	615.57	615.37	-0.04	615.83	615.71	0.05	615.57	615.39	-0.01
8+00.00	615.58	615.41	-0.01	615.84	615.75	0.08	615.57	615.44	0.04
8+50.00	615.57	615.45	0.04	615.86	615.76	0.07	615.60	615.43	0.00
9+00.00	615.56	615.41	0.02	615.87	615.77	0.07	615.61	615.41	-0.03
9+24.58	615.54	615.38	0.01	615.88	615.80	0.09	615.62	615.41	-0.04
9+50.00	615.55	615.39	0.01	615.89	615.75	0.03	615.63	615.41	-0.05
10+00.00	615.59	615.51	0.09	615.90	615.77	0.04	615.64	615.42	-0.05
10+50.00	615.62	615.50	0.04	615.91	615.77	0.03	615.65	615.44	-0.04
11+00.00	615.66	615.50	0.01	615.92	615.77	0.02	615.66	615.49	0.00
11+50.00	615.68	615.52	0.01	615.94	615.80	0.03	615.68	615.47	-0.04
12+00.00	615.69	615.55	0.03	615.95	615.83	0.05	615.69	615.42	-0.10
12+50.00	615.69	615.59	0.06	615.95	615.82	0.04	615.66	615.41	-0.08
13+00.00	615.68	615.60	0.08	615.94	615.79	0.02	615.62	615.40	-0.06
13+50.00	615.68	615.61	0.09	615.94	615.82	0.05	615.59	615.45	0.03
14+00.00	615.68	615.64	0.13	615.94	615.79	0.02	615.63	615.52	0.06
14+50.00	615.67	615.61	0.11	615.93	615.75	-0.01	615.64	615.52	0.04
15+00.00	615.66	615.57	0.07	615.92	615.75	0.00	615.66	615.54	0.04
15+50.00	615.66	615.58	0.08	615.92	615.79	0.04	615.66	615.49	0.00
16+00.00	615.64	615.59	0.11	615.90	615.77	0.04	615.64	615.51	0.04
16+50.00	615.63	615.59	0.13	615.88	615.75	0.04	615.62	615.49	0.03
17+00.00	615.62	615.55	0.09	615.88	615.71	0.00	615.62	615.49	0.03
17+50.00	615.63	615.56	0.09	615.89	615.76	0.04	615.63	615.47	0.01
18+00.00	615.66	615.46	-0.03	615.92	615.74	-0.01	615.66	615.53	0.03
18+50.00	615.69	615.57	0.04	615.95	615.82	0.04	615.69	615.54	0.02
19+00.00	615.67	615.56	0.05	615.93	615.77	0.01	615.67	615.56	0.06
19+50.00	615.65	615.57	0.08	615.91	615.78	0.04	615.65	615.56	0.08
20+00.00	615.63	615.58	0.11	615.89	615.77	0.05	615.63	615.58	0.11
20+50.00	615.64	615.63	0.15	615.90	615.80	0.07	615.64	615.55	0.08
21+00.00	615.64	615.55	0.07	615.90	615.81	0.08	615.64	615.56	0.09
21+50.00	615.65	615.60	0.11	615.91	615.82	0.08	615.65	615.58	0.10
22+00.00	615.65	615.59	0.11	615.91	615.75	0.01	615.65	615.55	0.07
22+50.00	615.66	615.62	0.13	615.92	615.83	0.08	615.66	615.62	0.13
23+00.00	615.66	615.59	0.10	615.92	615.80	0.05	615.66	615.59	0.09
23+50.00	615.68	615.59	0.08	615.94	615.79	0.02	615.68	615.57	0.05
24+00.00	615.70	615.59	0.06	615.96	615.82	0.03	615.70	615.59	0.06
24+50.00	615.72	615.62	0.07	615.98	615.85	0.04	615.72	615.60	0.05
25+00.00	615.74	615.65	0.08	616.00	615.86	0.03	615.74	615.67	0.09
25+50.00	615.74	615.66	0.09	616.00	615.89	0.06	615.74	615.67	0.10
26+00.00	615.75	615.67	0.09	616.01	615.93	0.09	615.75	615.73	0.15
26+50.00	615.75	615.72	0.14	616.01	615.97	0.13	615.75	615.73	0.14
27+00.00	615.77	615.72	0.12	616.03	615.96	0.10	615.77	615.65	0.04
27+50.00	615.78	615.70	0.09	616.04	615.96	0.09	615.78	615.73	0.11
28+00.00	615.80	615.73	0.10	616.06	615.95	0.06	615.80	615.72	0.08
28+50.00	615.81	615.74	0.10	616.07	615.92	0.02	615.81	615.76	0.11
29+00.00	615.83	615.75	0.09	616.09	615.94	0.02	615.83	615.77	0.10
29+50.00	615.83	615.76	0.10	616.09	615.97	0.05	615.83	615.79	0.12
30+00.00	615.84	615.75	0.07	616.10	615.98	0.05	615.84	615.80	0.12
30+50.00	615.84	615.77	0.09	616.10	615.98	0.05	615.84	615.76	0.09
31+00.00	615.84	615.79	0.11	616.10	615.98	0.05	615.84	615.74	0.06
31+50.00	615.84	615.78	0.10	616.10	615.98	0.05	615.84	615.72	0.04
32+00.00	615.85	615.76	0.07	616.11	615.98	0.04	615.85	615.70	0.01
32+50.00	615.85	615.77	0.09	616.11	615.98	0.04	615.85	615.69	0.00
33+00.00	615.83	615.72	0.06	616.09	615.94	0.02	615.83	615.70	0.03
33+50.00	615.82	615.71	0.06	616.08	615.89	-0.02	615.82	615.70	0.04
34+00.00	615.81	615.74	0.10	616.07	615.95	0.05	615.81	615.71	0.07
34+50.00	615.79	615.73	0.11	616.05	615.91	0.03	615.79	615.60	-0.02
35+00.00	615.78	615.76	0.15	616.04	615.91	0.04	615.78	615.61	0.00
35+50.00	615.79	615.77	0.15	616.05	615.92	0.04	615.79	615.66	0.03
36+00.00	615.79	615.79	0.17	616.05	615.93	0.05	615.79	615.73	0.11
36+50.00	615.80	615.76	0.13	616.06	615.92	0.03	615.80	615.76	0.13
37+00.00	615.81	615.69	0.05	616.07	615.93	0.03	616.16	616.01	0.02
37+25.34	615.81	615.64	-0.01	616.08	616.08	0.17	616.17	616.01	0.01
37+50.00	615.51	615.44	0.10	615.77	615.77	0.17	615.86	615.79	0.10



License No. 184-000613

CONSULTANTS

**FINAL**

JUNE 5, 2020

REHABILITATE TAXIWAY A AND CONNECTORS



OWNER

VILLAGE OF LANSING



LANSING MUNICIPAL AIRPORT  
LANSING, ILLINOIS

MARK | DATE | DESCRIPTION

AIP PROJ. NO. 3-17-SBGP-TBD

IL PROJ. NO. IGQ-4817

CMT PROJECT NO: 190297-03-00

CAD DWG FILE: GI101.DWG

DESIGNED BY: DPK

DRAWN BY: JRO

CHECKED BY: CHK

APPROVED BY: APR

COPYRIGHT:

SHEET TITLE

GENERAL NOTES AND DETAILS



**NOTES**

- CONTRACTOR SHALL NOTIFY THE AIRPORT MANAGER THROUGH THE RESIDENT ENGINEER PRIOR TO THE INITIATION OF ANY WORK WHICH REQUIRES CLOSURE OF ACTIVE AIRFIELD PAVEMENT.
- ALL WORK AREAS SHALL BE SWEEPED AND CLEANED TO THE SATISFACTION OF THE AIRPORT PRIOR TO RE-OPENING PAVEMENT TO AIRCRAFT OPERATIONS.
- RUNWAY 18/36 SHALL REMAIN OPEN AT ALL TIMES.
- CONTRACTOR SHALL BE ALLOWED TWO (2) CONSECUTIVE CALENDAR DAY CLOSURES OF TAXIWAY C TO COMPLETE THE WORK IN AREA 2.
- CONTRACTOR SHALL NOTIFY THE AIRPORT AND RESIDENT ENGINEER A MINIMUM OF 7 CALENDAR DAYS IN ADVANCE OF THE ANTICIPATED TAXIWAY C CLOSURE IN ORDER TO NOTIFY AIRFIELD TENANTS.
- TAXIWAY D: ADDITIONAL CONTRACTOR RESTRICTIONS:
  - WHEN WORKING BETWEEN TAXIWAY D EDGE OF PAVEMENT AND TAXIWAYS C AND G, CONTRACTOR SHALL BE REQUIRED TO BE IN RADIO CONTACT WITH AIRFIELD TRAFFIC.
  - CONTRACTOR SHALL BE REQUIRED TO MOVE PERSONNEL, EQUIPMENT AND MATERIALS TO PROVIDE A MINIMUM 5-FOOT OF CLEARANCE FROM THE WING TIP OR ANY OTHER PART OF THE AIRCRAFT TO ALLOW THE PASSAGE OF THE AIRCRAFT.
  - CONTRACTOR SHALL BE REQUIRED TO FURNISH FLAGGERS TO DIRECT AND CONTROL ALL CONSTRUCTION EQUIPMENT AND PERSONNEL TO THE REQUIRED SET BACK DISTANCE FOR THE SAFE PASSAGE OF AIRCRAFT, AIRFIELD PERSONNEL AND/OR AIRPORT PERSONNEL.
- AT THE DIRECTION OF THE RESIDENT ENGINEER, EXISTING HAUL ROAD MAY BE WIDENED. A NOMINAL QUANTITY OF UNCLASSIFIED EXCAVATION HAS BEEN ADDED TO ACCOMMODATE WIDENING. A MINIMUM OF 12 INCHES OF MILLINGS SHALL BE PLACED AND COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER. COSTS FOR PLACEMENT AND COMPACTION OF MILLINGS WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- EXISTING PCC (MAIN) APRON SHALL BE CLOSED TO AIRFIELD TRAFFIC FOR DURATION OF AREA 2 WORK.
- CONTRACTOR SHALL MAINTAIN AIRFIELD GATES CLOSED WHEN NOT IN USE. IF THE CONTRACTOR REQUIRES THE GATE TO REMAIN OPEN FOR LONG DURATIONS, A GATE GUARD SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

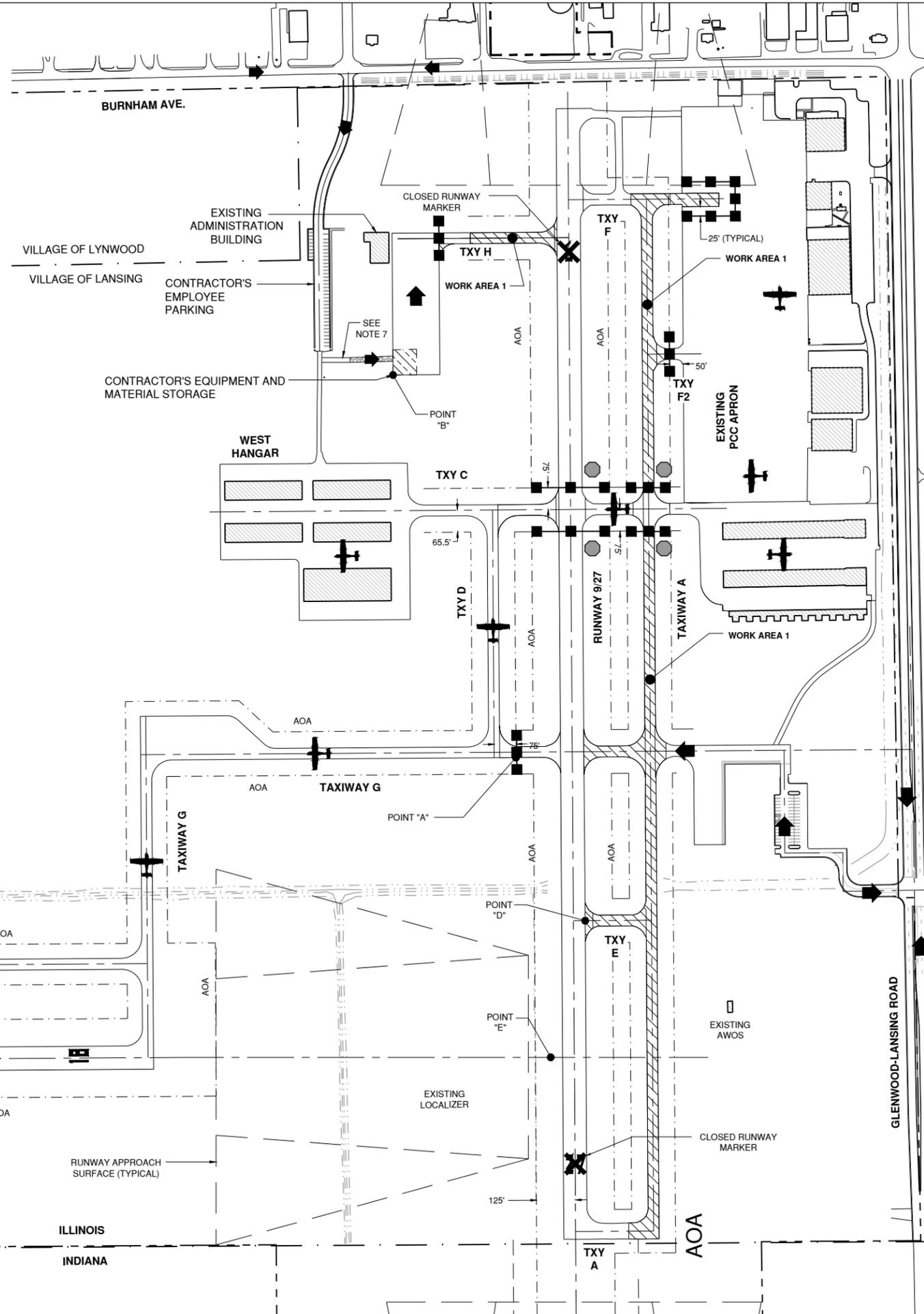
**SUGGESTED SEQUENCE OF CONSTRUCTION**

- NOTIFY RESIDENT ENGINEER/AIRPORT MANAGER 10 DAYS PRIOR TO THE START OF CONSTRUCTION TO ISSUE APPROPRIATE NOTAMS.
- WORK AREA 1
  - COORDINATE WITH RESIDENT ENGINEER AND AIRPORT MANAGER FOR REQUIRED PAVEMENT CLOSURES FOR WORK AREA.
  - PLACE REQUIRED BARRICADES AND PAVEMENT CLOSURE MARKERS.
  - COVER AND/OR DE-ENERGIZE SIGNS AND LIGHTS FOR CLOSED TAXIWAYS AND RUNWAYS.
  - COMPLETE IMPROVEMENTS.
  - REMOVE TEMPORARY COVERS AND RE-ENERGIZE CIRCUITS WITHIN WORK AREA LIMITS.
  - COORDINATE WITH RESIDENT ENGINEER AND AIRPORT MANAGER PAVEMENT CLOSURES FOR NEXT WORK AREA.
  - CLEAN PAVEMENTS, RESTORE DISTURBED WORK AREAS AND REMOVE MISCELLANEOUS DEBRIS FROM WORK AREA.
  - RELOCATE BARRICADES AND PAVEMENT CLOSURE MARKERS FOR NEXT WORK AREA.
- RESTORE STAGING AREAS.

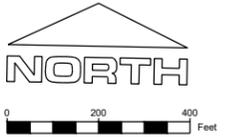
**LEGEND**

- WORK AREA 1  
IDOT TYPE 2 BARRICADE W/ RED LIGHT
- WORK AREA 2  
IDOT TYPE 2 BARRICADE W/ RED LIGHT
- CONTRACTOR'S EQUIPMENT/MATERIAL STORAGE
- AIR OPERATIONS AREA (A.O.A.)  
ACTIVE RUNWAY 18/36 125' CENTERLINE TO A.O.A.  
ACTIVE RUNWAY 9/27 125' CENTERLINE TO A.O.A.  
ACTIVE TAXIWAY 65.5' CENTERLINE TO A.O.A.  
ACTIVE TAXILANE 57.5' CENTERLINE TO A.O.A.
- HAUL ROUTE
- CLOSED RUNWAY MARKER
- TEMPORARY STOP SIGN AND CONTRACTOR CROSSING GUARD/FLAGGER
- AIRCRAFT MOVEMENT AREA

WORK AREA	ALLOWABLE WORK PERIODS	OPERATIONAL STATUS/RESTRICTIONS
AREA 1	SEE NOTE 3	RUNWAY 18/36 OPEN; RUNWAY 9/27 CLOSED; TAXIWAYS A, F, F2, E AND H CLOSED; TAXIWAY G PARTIAL CLOSURE; ALL OTHER TAXIWAYS OPEN



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**FINAL**

JUNE 5, 2020  
REHABILITATE TAXIWAY A AND CONNECTORS



OWNER

VILLAGE OF LANSING



LANSING MUNICIPAL AIRPORT  
LANSING, ILLINOIS

MARK	DATE	DESCRIPTION
		AIP PROJ. NO. 3-17-SBGP-TBD
		IL PROJ. NO. IGQ-4817
		CMT PROJECT NO: 190297-03-00
		CAD DWG FILE: GC101.DWG
		DESIGNED BY: ARM
		DRAWN BY: JRO
		CHECKED BY: CHK
		APPROVED BY: APR
		COPYRIGHT:

SHEET TITLE  
**CONSTRUCTION  
ACTIVITY PLAN - 1**

GC101  
SHEET 4 OF 17

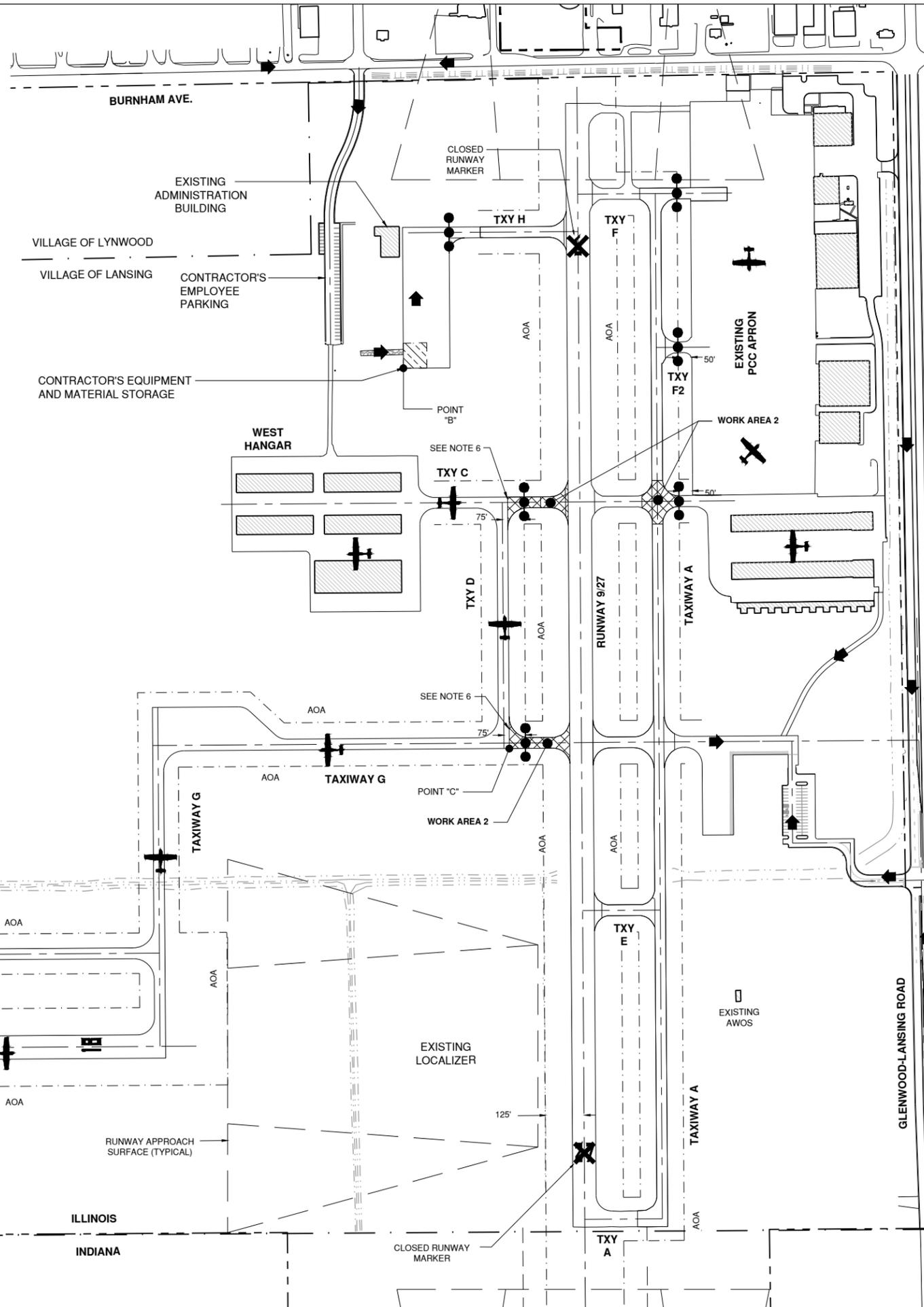
**LEGEND**

-  WORK AREA 1  
IDOT TYPE 2 BARRICADE W/ RED LIGHT
-  WORK AREA 2  
IDOT TYPE 2 BARRICADE W/ RED LIGHT
-  CONTRACTOR'S EQUIPMENT/MATERIAL STORAGE
-  AIR OPERATIONS AREA (A.O.A.)  
ACTIVE RUNWAY 18/36 125' CENTERLINE TO A.O.A.  
ACTIVE RUNWAY 9/27 125' CENTERLINE TO A.O.A.  
ACTIVE TAXIWAY 65.5' CENTERLINE TO A.O.A.  
ACTIVE TAXILANE 57.5' CENTERLINE TO A.O.A.
-  HAUL ROUTE
-  CLOSED RUNWAY MARKER
-  TEMPORARY STOP SIGN AND CONTRACTOR CROSSING  
GUARD/FLAGGER
-  AIRCRAFT MOVEMENT AREA

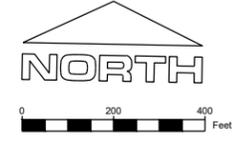
**SUGGESTED SEQUENCE OF CONSTRUCTION**

- NOTIFY RESIDENT ENGINEER/AIRPORT MANAGER 7 DAYS PRIOR TO THE START OF CONSTRUCTION TO ISSUE APPROPRIATE NOTAMS.
- WORK AREAS 2
  - COORDINATE WITH RESIDENT ENGINEER AND AIRPORT MANAGER FOR REQUIRED PAVEMENT CLOSURES FOR WORK AREA.
  - PLACE REQUIRED BARRICADES AND PAVEMENT CLOSURE MARKERS.
  - COVER AND/OR DE-ENERGIZE SIGNS AND LIGHTS FOR CLOSED TAXIWAYS AND RUNWAYS.
  - COMPLETE IMPROVEMENTS.
  - REMOVE TEMPORARY COVERS AND RE-ENERGIZE CIRCUITS WITHIN WORK AREA LIMITS.
  - COORDINATE WITH RESIDENT ENGINEER AND AIRPORT MANAGER PAVEMENT CLOSURES FOR NEXT WORK AREA.
  - CLEAN PAVEMENTS, RESTORE DISTURBED WORK AREAS AND REMOVE MISCELLANEOUS DEBRIS FROM WORK AREA.
  - RELOCATE BARRICADES AND PAVEMENT CLOSURE MARKERS FOR NEXT WORK AREA.
- RESTORE STAGING AREAS.

WORK AREA	ALLOWABLE WORK PERIODS	OPERATIONAL STATUS/RESTRICTIONS
AREA 2 	SEE NOTE 4	RUNWAY 9/27 CLOSED; RUNWAY 18/36 OPEN; TAXIWAYS A, F, F2 AND E CLOSED; TAXIWAY C AND G PARTIAL CLOSURE; ALL OTHER TAXIWAYS OPEN (SEE NOTES 3, 5 AND 6)



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JUNE 5, 2020  
REHABILITATE TAXIWAY A AND CONNECTORS



MARK	DATE	DESCRIPTION
AIP PROJ. NO. 3-17-SBGP-TBD		
IL PROJ. NO. IGQ-4817		
CMT PROJECT NO: 190297-03-00		
CAD DWG FILE: GC102.DWG		
DESIGNED BY: ARM		
DRAWN BY: JRO		
CHECKED BY: CHK		
APPROVED BY: APR		
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SHEET TITLE  
**CONSTRUCTION  
ACTIVITY PLAN - 2**

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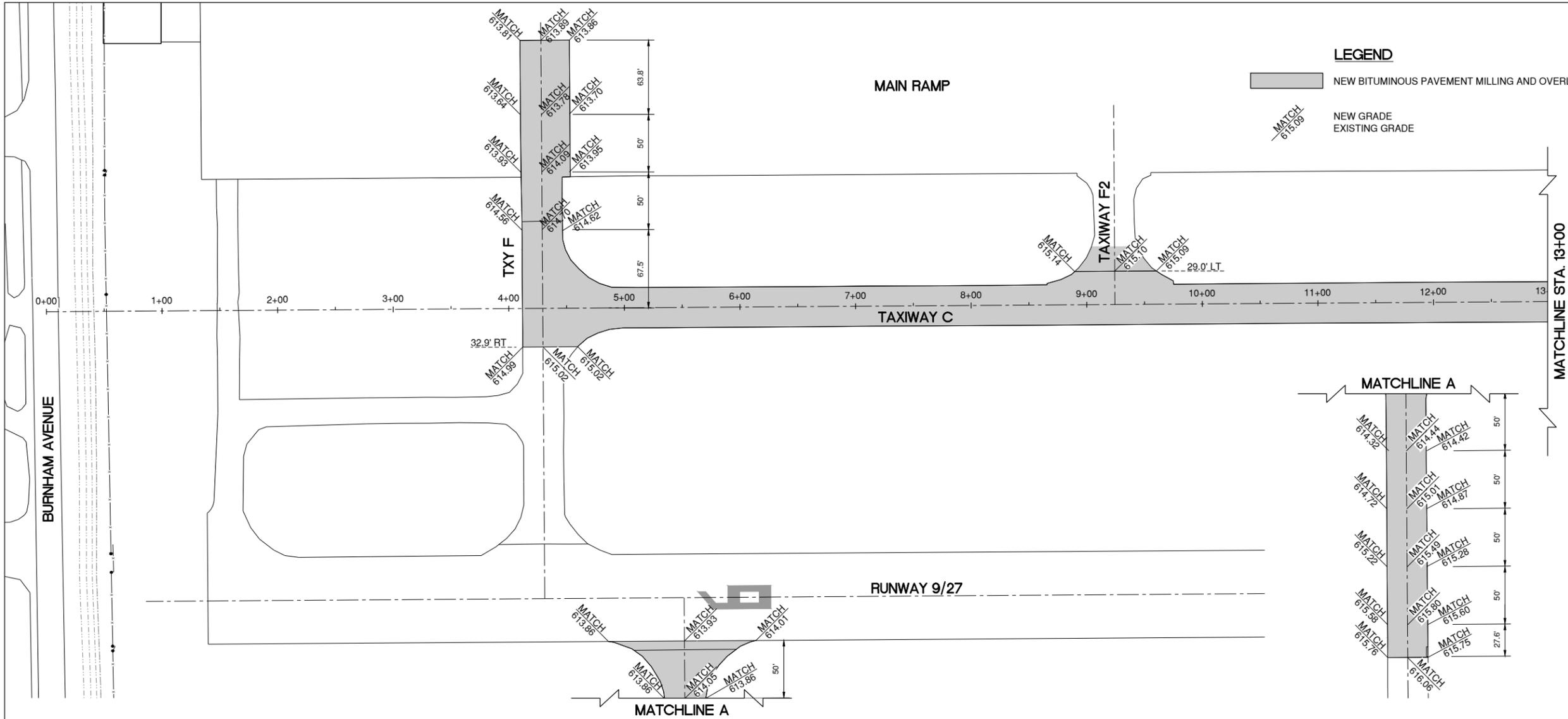










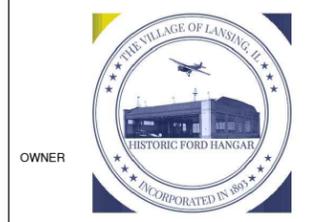


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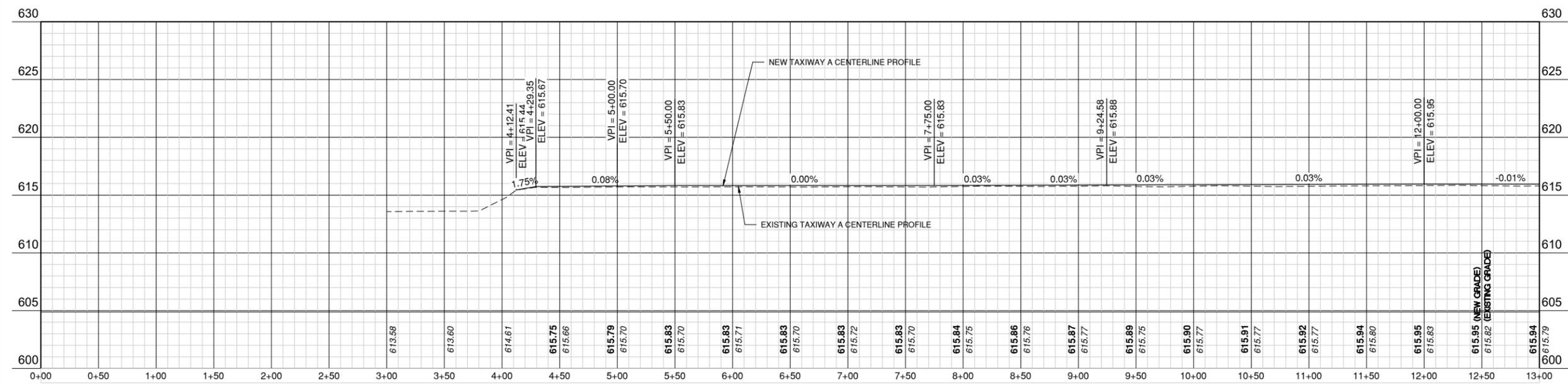
JUNE 5, 2020  
REHABILITATE TAXIWAY A AND CONNECTORS



VILLAGE OF LANSING



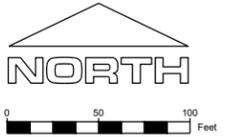
LANSING MUNICIPAL AIRPORT  
LANSING, ILLINOIS



MARK	DATE	DESCRIPTION
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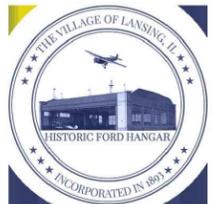
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**PLAN AND PROFILE  
TAXIWAY A - SHEET 1**

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**FINAL**

JUNE 5, 2020  
REHABILITATE TAXIWAY A AND CONNECTORS



OWNER

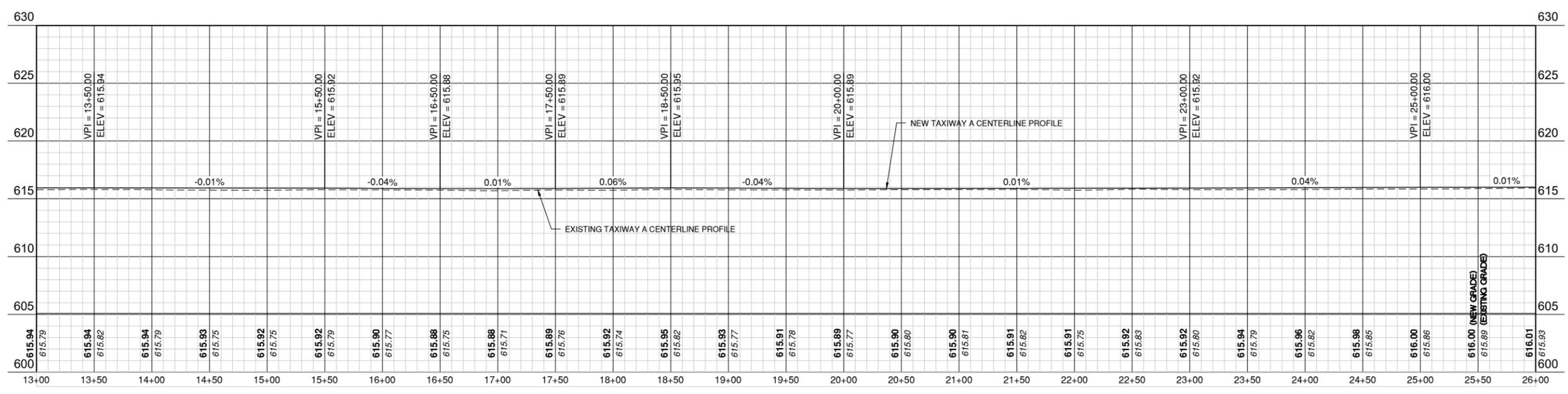
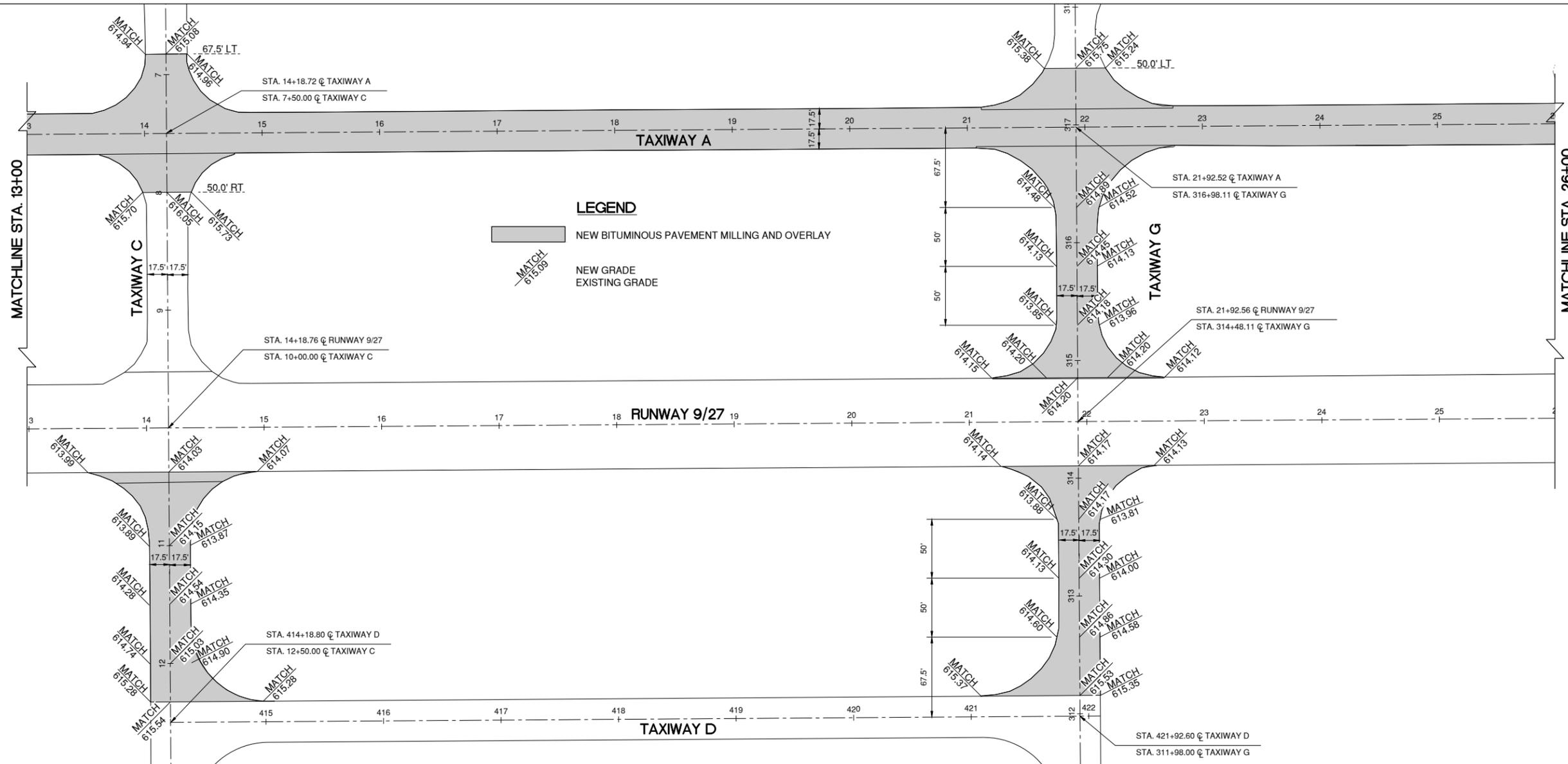
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LANSING MUNICIPAL AIRPORT  
LANSING, ILLINOIS

MARK	DATE	DESCRIPTION
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SHEET TITLE  
**PLAN AND PROFILE  
TAXIWAY A - SHEET 2**



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**JUNE 5, 2020**  
**REHABILITATE TAXIWAY A AND CONNECTORS**



OWNER

VILLAGE OF LANSING



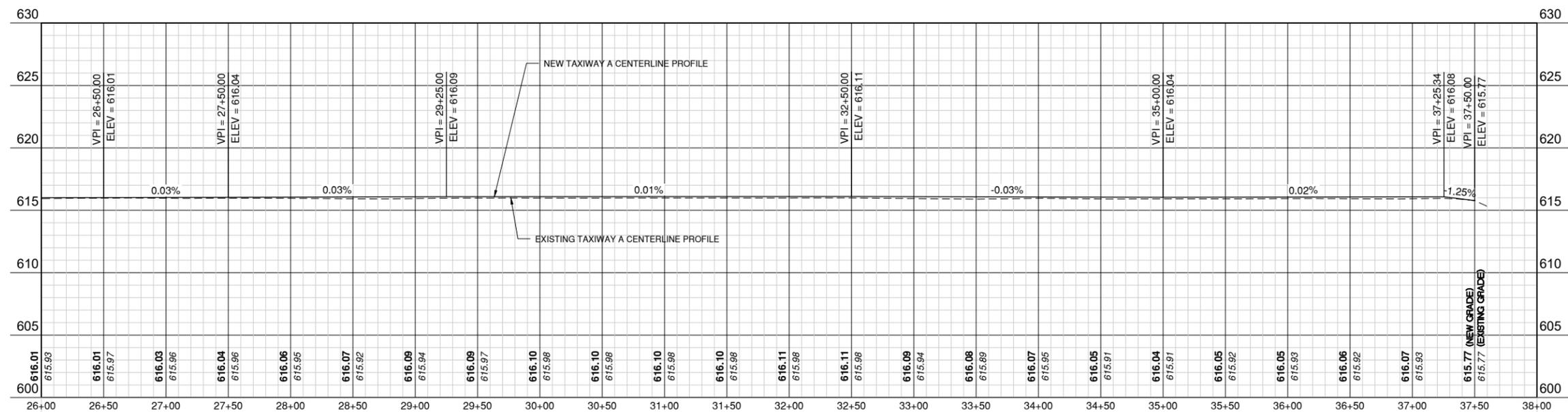
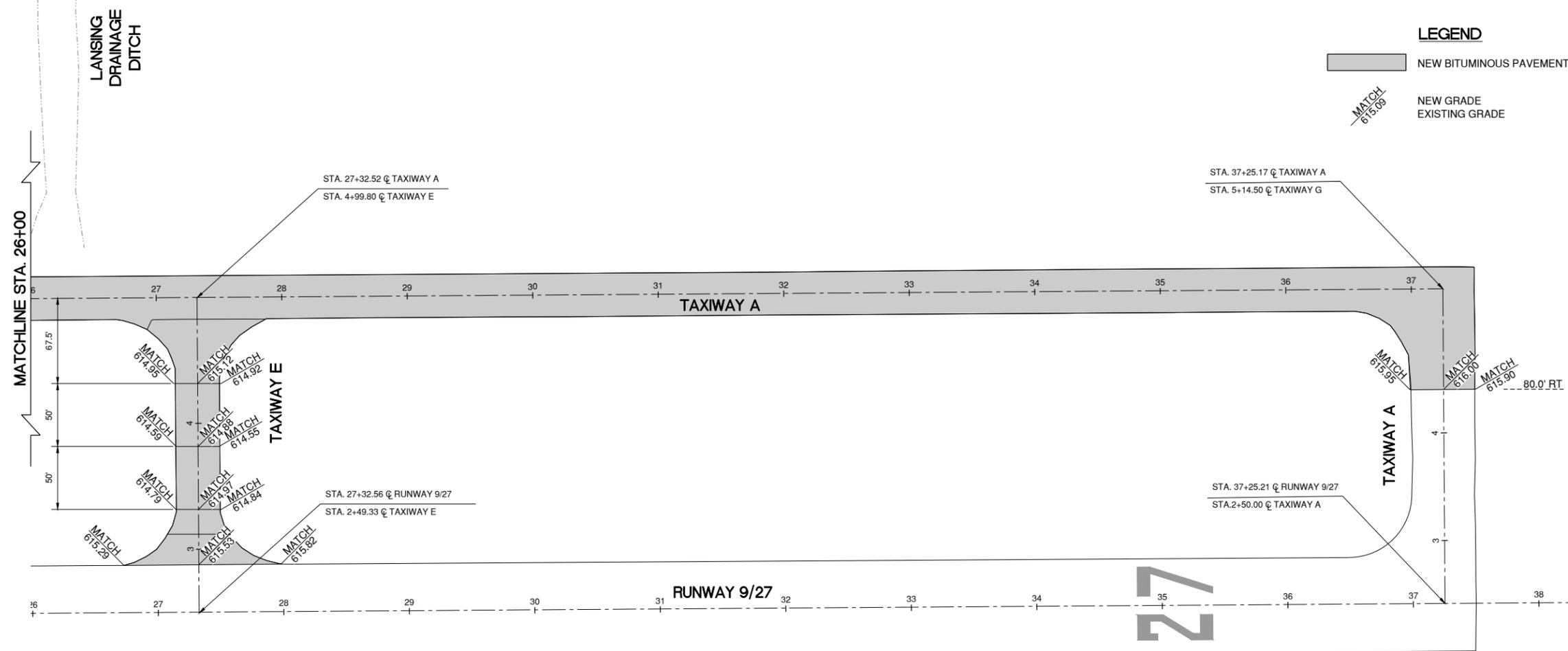
LANSING MUNICIPAL AIRPORT  
 LANSING, ILLINOIS

MARK	DATE	DESCRIPTION
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		DESIGNED BY: ARM
		DRAWN BY: JRO
		CHECKED BY: CHK
		APPROVED BY: APR
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SHEET TITLE  
**PLAN AND PROFILE TAXIWAY A - SHEET 3**

**LEGEND**

- NEW BITUMINOUS PAVEMENT MILLING AND OVERLAY
- NEW GRADE
- EXISTING GRADE



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