19A

WHITESIDE COUNTY AIRPORT BOARD WHITESIDE COUNTY, ILLINOIS

WH013 **TOTAL SHEETS:** 21



SUMMARY OF QUANTITIES RECORD QUANTITY DESCRIPTION QUANTITY AR150520 SHOULDER ADJUSTMENT AR152480 SUBGRADE REPAIR 1.031 BITUMINOUS SURFACE COURS 1.625 BITUMINOUS PAVEMENT MILLING 14.125 1,031 2.970 ADJUST UNDERDRAIN CLEANOUT 12 AR901510 0.5 AR908525 KNITTED STRAW MA

INDEX TO SHEETS

GII01 - COVER SHEET/INDEX TO SHEETS AND QUANTITIES

GC102 - CONSTRUCTION ACTIVITY PLAN NOTES - SHEET 1 GC102 - CONSTRUCTION ACTIVITY PLAN NOTES - SHEET 2 GC104 - CONSTRUCTION ACTIVITY PLAN DETAILS

GC105 - CONSTRUCTION ACTIVITY PLAN PHASE 1A AND 2A

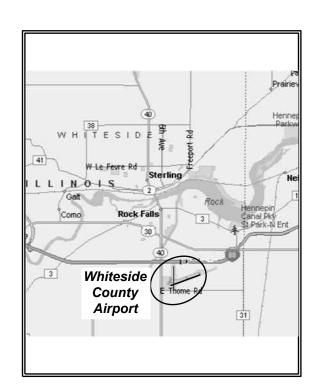
GI102 - SITE PLAN AND PROJECT CONTROL

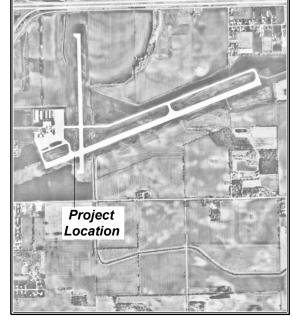
3. GC101 - CONSTRUCTION ACTIVITY PLAN INDEX

8. GC106 - CONSTRUCTION ACTIVITY PLAN PHASE 1 9. GC107 - CONSTRUCTION ACTIVITY PLAN PHASE 2 10. GC108 - CONSTRUCTION ACTIVITY PLAN PHASE 3A GC109 - CONSTRUCTION ACTIVITY PLAN PHASE 3B

SBG PROJECT: 3-17-SBGP-144

NOVEMBER 16, 2018





SITE PLAN

APPROVED BY DAVE KOSTER, PRESIDENT			
DATENOVEMBER 16, 2018			
DESIGN INFORMATION			
TOWNSHIP: 20 NORTH COUNTY: WHITESIDE RANGE: 7 EAST MONTMORENCY TOWNSHIP SECTION: 10 AIRPLANE DESIGN GROUP III (7/25) AIRPLANE DESIGN GROUP II (18/36) (MAXIMUM EQUIPMENT HEIGHT = 25')			
Know what's below. Call before you dig.			
Illinois Professional Engineering Practice Act of 1989			
Engineers and Consultants DOUGLAS J. KLONOWSKI 062-050464 expires: 11-30-19			
SUBMITTED BY BOUGLAS J. KLONOWSKI, PE			
DATE			

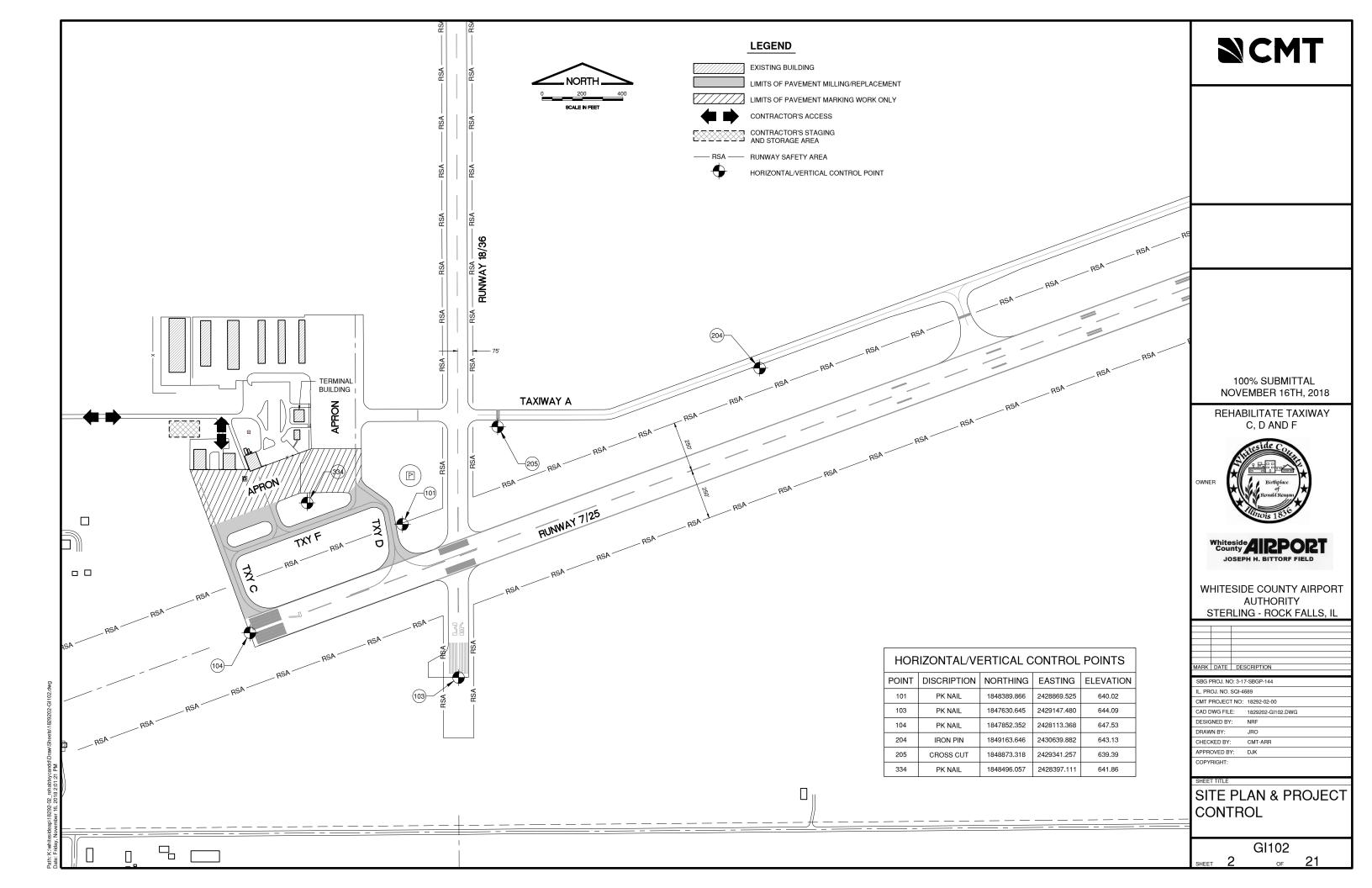
18292-02-00

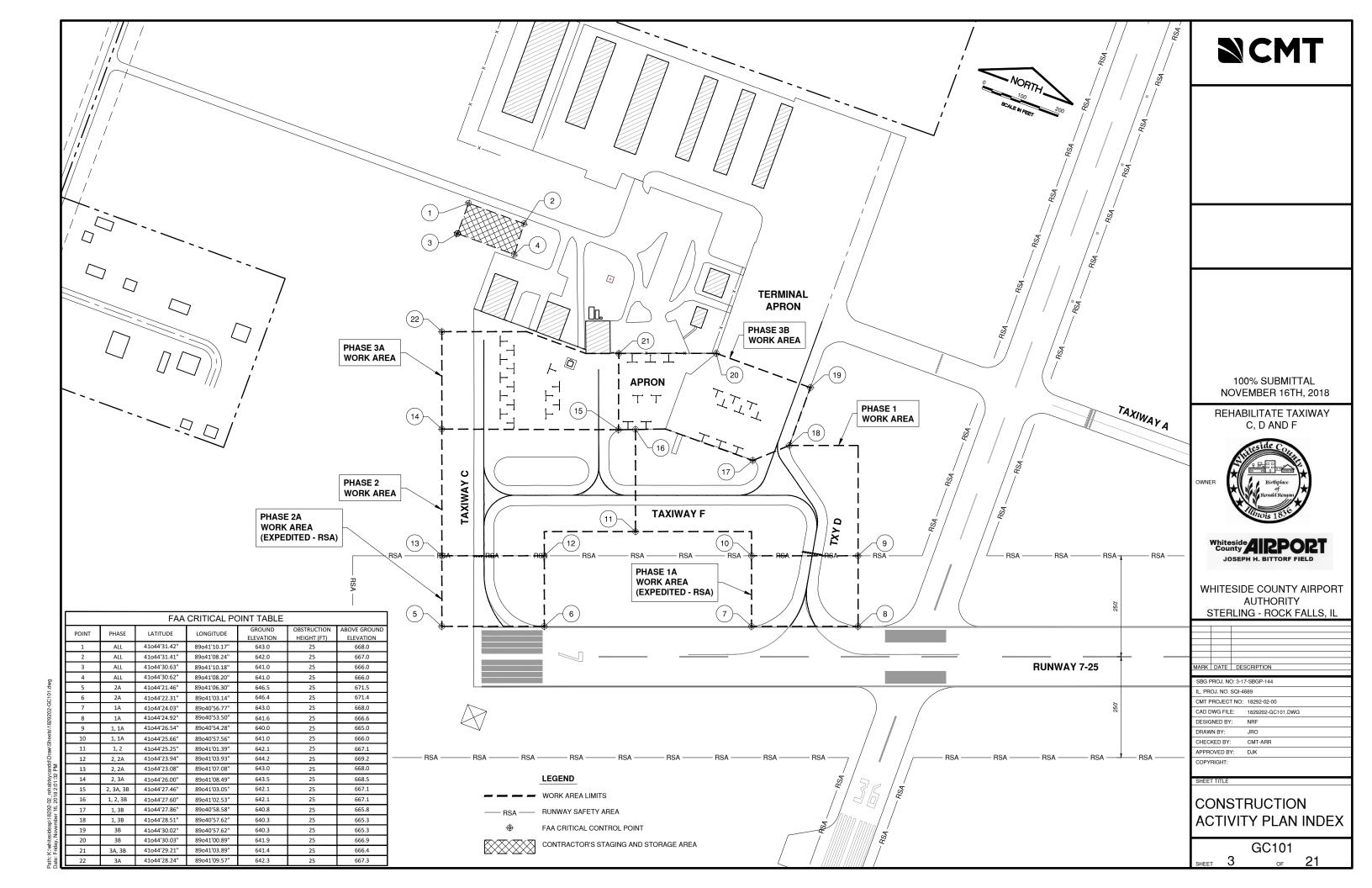
ILLINOIS PROJECT: SQI-4689

12. GC110 - CONSTRUCTION ACTIVITY PLAN - RUNWAY CLOSURE 13. CD101 - EXISTING CONDITIONS

- 14. CP101 PROPOSED IMPROVEMENTS
- 15. CS101 STAKING PLAN SHEET 1
- 16. CS102 STAKING PLAN SHEET 2
- 17. CP201 TAXIWAY C AND APRON CONNECTOR PLAN AND PROFILE
- 18. CP202 TAXIWAY D PLAN AND PROFILE
- 19. CP203 TAXIWAY F PLAN AND PROFILE
- 20. CJ501 PAVING, MARKING AND MISCELLANEOUS DETAILS
- 21. LG101 LANDSCAPING PLAN

LOCATION MAP





- PRIOR TO THE NOTICE TO PROCEED, THE CONTRACTOR SHALL SUBMIT TO THE AIRPORT THROUGH THE RESIDENT ENGINEER, FOR APPROVAL A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) IN ACCORDANCE WITH FAA AC 150/5370-2G OR LATEST EDITION. NO CONSTRUCTION ACTIVITY SHALL BEGIN UNTIL THE AIRPORT HAS APPROVED THE SPCD.
- 3. THE CSPP COVERS OPERATIONAL SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INDIVIDUAL SAFETY OF HIS/HER PERSONNEL AND MEETING OSHA REQUIREMENTS.
- A MINIMUM OF 10 DAYS PRIOR TO THE NOTICE TO PROCEED THE CONTRACTOR SHALL PROVIDE A LIST OF SUBCONTRACTORS AND MATERIAL SUPPLIERS.
- PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL SIGN THE SWPPP CERTIFICATION STATEMENT.
- ALL CONTRACTOR COSTS ASSOCIATED WITH THE REQUIREMENTS LISTED ON THIS SHEET SHALL BE CONSIDERED INCIDENTAL TO

1. COORDINATION

- PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE AIRPORT, RESIDENT ENGINEER, AND ILLINOIS DIVISION OF AERONAUTICS (IDA). THE COST OF PREPARING FOR AND ATTENDING THE PRE-CONSTRUCTION CONFERENCE SHALL BE INCIDENTAL TO THE CONTRACT.
- ON OR BEFORE THE PRE-CONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL SUBMIT A PROPOSED SCHEDULE FOR THE PROJECT. THE SCHEDULE SHALL INCLUDE A START AND COMPLETION DATE FOR EACH ITEM OF WORK. THE SCHEDULE SHALL BE UPDATED ON A WEEKLY BASIS. ALL COSTS ASSOCIATED WITH THE SCHEDULE SHALL BE INCIDENTAL TO THE CONTRACT.
- DURING CONSTRUCTION THE CONTRACTOR SHALL ATTEND A WEEKLY COORDINATION MEETING WITH THE AIRPORT STAFF AND RESIDENT ENGINEER. ALL COSTS ASSOCIATED WITH ATTENDING THE WEEKLY MEETING SHALL BE INCIDENTAL TO THE CONTRACT

- TOTAL CONTRACT TIME SHALL BE 38 CALENDAR DAYS.
- PHASING SHALL BE AS NOTED BELOW AND AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN (CAP) SHEET.
- WORK AREAS AND DESCRIPTIONS

PHASE 1A WORK AREA (RUNWAY 7/25 RSA)

THE PHASE 1A WORK AREA GENERALLY INCLUDES MILLING OF EXISTING BITHMINOUS PAVEMENT, PAVEMENT/SUBGRADE REPAIRS, BITHMINOUS PAVING, UNDERDRAIN CLEANOUT ADJUSTMENTS, SHOULDER ADJUSTMENTS AND LANDSCAPING ON TAXIWAY D WITHIN THE RUNWAY

PHASE 2A WORK AREA (RUNWAY 7/25 RSA)

THE PHASE 2A WORK AREA GENERALLY INCLUDES MILLING OF EXISTING BITUMINOUS PAVEMENT, PAVEMENT/SUBGRADE REPAIRS, BITUMINOUS PAVING, UNDERDRAIN CLEANOUT ADJUSTMENTS, SHOULDER ADJUSTMENTS AND LANDSCAPING ON TAXIWAY C WITHIN THE RUNWAY

PHASE 1 WORK AREA

THE PHASE 1 WORK AREA GENERALLY INCLUDES MILLING OF EXISTING BITHMINOUS PAVEMENT, PAVEMENT/SUBGRADE REPAIRS, BITHMINOUS PAVING, UNDERDRAIN CLEANOUT ADJUSTMENTS, SHOULDER ADJUSTMENTS AND LANDSCAPING WITHIN THE TOFA OF TAXIWAY F (EAST OF THE APRON TAXIWAY) AND TAXIWAY D (BETWEEN THE APRON AND THE RUNWAY 7/25 RSA).

PHASE 2 WORK AREA

THE PHASE 2 WORK AREA GENERALLY INCLUDES MILLING OF EXISTING BITUMINOUS PAVEMENT, PAVEMENT/SUBGRADE REPAIRS, BITUMINOUS PAVING, UNDERDRAIN CLEANOUT ADJUSTMENTS, SHOULDER ADJUSTMENTS AND LANDSCAPING WITHIN THE TOFA OF TAXIWAY F (WEST OF TAXIWAY D) AND TAXIWAY C (BETWEEN THE APRON AND THE RUNWAY 7/25 RSA).

PHASE 3A WORK AREA

THE PHASE 3A WORK AREA GENERALLY INCLUDES PAVEMENT MARKING IMPROVEMENTS, WHICH REQUIRE THE TEMPORARY RELOCATION OF AIRCRAFT (BY OTHERS). ON THE WEST SIDE OF THE APRON.

PHASE 3B WORK AREA

THE PHASE 3B WORK AREA GENERALLY INCLUDES PAVEMENT MARKING IMPROVEMENTS, WHICH REQUIRE THE TEMPORARY RELOCATION OF AIRCRAFT (BY OTHERS), ON THE EAST SIDE OF THE APRON.

4. RESTRICTIONS

CONTRACT

GENERAL (ALL WORK AREAS)

ALL WORK AREAS WITHIN AN RSA OR TOFA MUST BE RESTORED AND INSPECTED TO MEET FAA CRITERIA AND PER THE CONTRACTOR'S CONSTRUCTION SAFETY PHASING PLAN (CSPP) PRIOR TO RETURNING THE AREA TO AIR TRAFFIC OPERATIONS. SEE CSPP NOTES IN THE PLANS FOR ADDITIONAL INFORMATION ON INSPECTION REQUIREMENTS.

WORK CONDUCTED UTILIZING EXTENDED CLOSURES AS INDICATED IN THE PLANS WILL ALLOW THE CONTRACTOR TO CONDUCT WORK 24 HOURS A DAY, 7 DAYS A WEEK. THE CLOSURE WILL ALLOW THE CONTRACTOR TO COMPLETE ALL WORK INSIDE THE RESPECTIVE TOFA OR RSA, AND TO A DISTANCE OUTSIDE THE TOFA OR RSA AS NOT TO ENCROACH THE TOFA OR RSA WITH MANPOWER OR EQUIPMENT ONCE THE CLOSURE PERIOD IS CONCLUDED

SIMULTANEOUS CLOSURES OF AIRFIELD PAVEMENTS TO COMPLETE WORK IN MORE THAN ONE WORK AREA AT A TIME WILL NOT BE ALLOWED EXCEPT AS SPECIFICALLY NOTED. ALL WORK WITHIN A WORK AREA MUST BE SUBSTANTIALLY COMPLETED AND ACCEPTED PRIOR TO CLOSING ANY OTHER AIRFIELD PAVEMENT FOR WORK IN REMAINING ASSOCIATED WORK AREAS.

THE PHASING HAS BEEN STRUCTURED TO BE COMPLETED IN CONSECUTIVE ORDER AS NOTED ON THE PLANS, BEGINNING WITH WORK AREA 1A AND ENDING WITH WORK AREA 3B. ALL WORK IN EACH WORK AREA MUST BE SUBSTANTIALLY COMPLETED AND ACCEPTED PRIOR TO CLOSING ANY PAVEMENTS FOR WORK IN THE FOLLOWING WORK AREA.

PHASE 1A WORK AREA (RUNWAY 7/25 RSA)

SINGLE DAYTIME CLOSUBES OF BUNWAY 7-25 ARE REQUIRED TO COMPLETE THE WORK WITHIN THE RUNWAY SAFETY AREA (RSA). AN EXTENDED CLOSURE OF RUNWAY 7-25 WILL NOT BE PERMITTED AT ANY TIME. SCHEDULED DAYTIME CLOSURE PERIODS SHALL BE LIMITED TO AN 11-HOUR WINDOW (7:00 AM - 6:00 PM) ON WEEKDAYS ONLY. THE RUNWAY CANNOT BE CLOSED AT ANY TIME ON THE WEEKEND.

THE CONTRACTOR MUST PROVIDE THE AIRPORT A 48-HOUR NOTICE TO THE AIRPORT TO REQUEST A RUNWAY CLOSURE FOR APPROVAL.

WORK WITHIN THE PHASE 1A WORK AREA CAN BE COMPLETED CONCURRENTLY WITH THE PHASE 2A WORK AREA

PHASE 2A WORK AREA (runway 7/25 rsa)

SINGLE DAYTIME CLOSURES OF RUNWAY 7-25 ARE REQUIRED TO COMPLETE THE WORK WITHIN THE RUNWAY SAFETY AREA (RSA). AN EXTENDED CLOSURE OF RUNWAY 7-25 WILL NOT BE PERMITTED AT ANY TIME SCHEDULED DAYTIME CLOSURE PERIODS SHALL BE LIMITED TO AN 11-HOUR WINDOW (7:00 AM - 6:00 PM) ON WEEKDAYS ONLY. THE RUNWAY CANNOT BE CLOSED AT ANY TIME ON THE WEEKEND.

THE CONTRACTOR MUST PROVIDE THE AIRPORT A 48-HOUR NOTICE TO THE AIRPORT TO REQUEST A RUNWAY CLOSURE FOR APPROVAL

WORK WITHIN THE PHASE 2A WORK AREA CAN BE COMPLETED CONCURRENTLY WITH THE PHASE 1A WORK AREA.

PHASE 1 WORK AREA

CLOSURES OF TAXIWAY D (BETWEEN THE RUNWAY 7-25 RSA AND THE APRON) AND TAXIWAY F (EAST OF THE APRON TAXIWAY) ARE REQUIRED TO COMPLETE THE WORK WITHIN THE TOFA OF TAXIWAY D AND TAXIWAY F.

WORK WITHIN THE PHASE 1 WORK AREA CAN NOT BE COMPLETED CONCURRENTLY WITH THE PHASE 2 WORK AREA.

CLOSURES OF TAXIWAY C (BETWEEN THE RUNWAY 7-25 RSA AND THE APRON) AND TAXIWAY F (WEST OF TAXIWAY D) ARE REQUIRED TO COMPLETE THE WORK WITHIN THE TOFA OF TAXIWAY C AND TAXIWAY F.

WORK WITHIN THE PHASE 2 WORK AREA CAN NOT BE COMPLETED CONCURRENTLY WITH THE PHASE 1 WORK AREA.

CLOSURES OF TAXIWAY C (NORTH OF TAXIWAY F), THE APRON TAXIWAY (NORTH OF TAXIWAY F), AND THE WEST SIDE OF THE APRON ARE REQUIRED TO COMPLETE THE WORK IN THIS AREA.

WORK WITHIN THE PHASE 3A WORK AREA CAN BE COMPLETED CONCURRENTLY WITH THE PHASE 2, PHASE 1A AND PHASE 2A WORK AREAS.

COORDINATION WITH THE AIRPORT IS REQUIRED TO ENSURE THAT ANY AIRCRAFT UTILIZING A TIE-DOWN AREA WITHIN THE PHASE 3A WORK AREA ON THE APRON IS TEMPORARILY RELOCATED (BY OTHERS) TO COMPLETE THE WORK

PHASE 3B WORK AREA

CLOSURES OF TAXIWAY D (NORTH OF TAXIWAY F) AND THE EAST SIDE OF THE APRON ARE REQUIRED TO COMPLETE THE WORK IN THIS AREA.

WORK WITHIN THE PHASE 3B WORK AREA CAN BE COMPLETED CONCURRENTLY WITH THE PHASE 1, PHASE 1A AND PHASE 2A WORK

COORDINATION WITH THE AIRPORT IS REQUIRED TO ENSURE THAT ANY AIRCRAFT UTILIZING A TIE-DOWN AREA WITHIN THE PHASE 3B WORK AREA ON THE APRON IS TEMPORARILY RELOCATED (BY OTHERS) TO COMPLETE THE WORK.

3. AREAS AND OPERATIONS AFFECTED BY THE CONSTRUCTION ACTIVITY

- ALL RUNWAYS, TAXIWAYS AND APRONS SHALL BE KEPT OPEN TO AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED ON THE PHASING PLAN.
- WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT.
- ALL CONSTRUCTION TRAFFIC SHALL IMMEDIATELY YIELD TO ONCOMING AIRCRAFT AT ALL TIMES.
- THE AIRPORT WILL BE HOSTING EVENTS THROUGHOUT THE SUMMER AND RESERVES THE RIGHT TO HALT CONSTRUCTION UNTIL FURTHER NOTICE. KNOWN EVENTS AT THIS TIME ARE: JULY 14-15
- SEPTEMBER 5-9

5. CONTRACTOR ACCESS

- CONTRACTOR ACCESS SHALL BE AS NOTED BELOW AND AS SHOWN ON THE SITE PLAN AND CONSTRUCTION ACTIVITY PLAN SHEETS. ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS TO ACCESS THE SITE USING THE GATE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE CLOSED DURING WORK HOURS.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND TEMPORARY FASEMENTS FOR THE PUBLIC ACCESS BOAD(S) SHOWN AND SHALL COMPLY WITH ALL REQUIREMENTS, LOAD RESTRICTIONS, & TRAFFIC CONTROL SIGNAGE REQUIRED BY THE VILLAGE, COUNTY, TOWNSHIP, OR I.D.O.T.
- CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL BE MARKED AND FLAGGED PER SECTION 70-10 OF THE STANDARD SPECIFICATIONS. MAXIMUM HEIGHT OF CONTRACTOR'S EQUIPMENT WILL BE 25'.
- DRIVERS OF TRUCKS CONTAINING MATERIAL DELIVERIES (AGGREGATE, ASPHALT, ETC.) NEED NOT OBTAIN AN AIRPORT ID BADGE BUT SHALL BE REQUIRED TO SUBMIT THEIR NAME DRIVER'S LICENSE NUMBER. TRUCK LICENSE PLATE NUMBER AND NAME OF TRUCKING COMPANY TO THE PRIME CONTRACTOR PRIOR TO ENTERING THE JOBSITE. WHILE INSIDE THE AOA FENCE, THE TRUCK DRIVERS SHALL BE ESCORTED BY THE CONTRACTOR PERSONNEL THAT HAS OBTAINED PROPER DRIVING PRIVILEGES.
- CONTRACTOR WORK CREWS MUST MAINTAIN RADIO CONTACT WITH THE COMMON TRAFFIC ADVISORY FREQUENCY (CTAF, 122,7) AT ALL TIMES WHEN INSIDE THE AIRPORT OPERATION'S AREA (AOA). THE CONTRACTOR SHALL SUPPLY ALL APPROPRIATE RADIOS NEEDED FOR COMMUNICATIONS AND ONLY HIS PERSONNEL WHO HAVE SUCCESSFULLY SATISFIED THE AIRPORT OF THEIR COMPETENCE MAY OPERATE THESE RADIOS.
- THE CONTRACTORS STORAGE AND STAGING AREA WILL BE AS SHOWN ON THE SITE PLAN.
- THE CONTRACTOR SHALL KEEP A RECORD OF THE NAMES OF ALL EMPLOYEES ENTERING THE JOB SITE ON A DAILY BASIS. A RECORD OF EACH SUBCONTRACTOR ENTERING THE JOB SITE SHALL ALSO BE KEPT BY THE CONTRACTOR.
- WHEN THE CONTRACTOR IS NOT WORKING, EQUIPMENT SHALL BE STORED AT THE STAGING AREA.
- DURING ADVERSE WEATHER THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT, NO EXTENSION OF THE CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS
- THE CONTRACTOR WILL BE PERMITTED TO STORE FOUIPMENT AND MATERIALS ONLY AT THE LOCATIONS SHOWN. PARKED EQUIPMENT AND MATERIAL STOCKPILES SHALL NOT PENETRATE SURFACES DEFINED BY F.A.R. TITLE 14 PART 77 - OBJECTS AFFECTING NAVIGABLE AIRSPACE. EXISTING TURE AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND THE AIRPORT.

- 12. ALL CONSTRUCTION TRAFFIC OPERATING ON, OR CROSSING RUNWAYS, TAXIWAYS AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL BY A FLAGMAN OR ESCORT IN RADIO CONTACT WITH THE COMMON TRAFFIC ADVISORY FREQUENCY. THE CONTRACTOR SHALL PROVIDE HIS OWN FLAGMEN.
- THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS AND HAUL ROUTES WHICH WILL BE OPENED TO AIR TRAFFIC TO THE SATISFACTION OF AIRPORT OPERATIONS OR THE RESIDENT ENGINEER. A POWER BROOM AND OPERATOR SHALL BE ON SITE AT ALL TIMES WHEN ACTIVE PAVEMENTS ARE UTILIZED FOR CONSTRUCTION TRAFFIC.
- 14. ALL PAVEMENTS, DRIVES OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED TO THE SAME CONDITION OR BETTER THAN THEY WERE PRIOR TO BEGINNING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR SHALL BE PROPERLY TRAINED BY THE CONTRACTOR
- THE CONTRACTOR SHALL NOTIFY THE AIRPORT IF CONSTRUCTION ACTIVITY WILL REQUIRE THE BLOCKAGE OF EMERGENCY ACCESS TO THE AIRPORT

6. WILDLIFE MANAGEMENT

- THE CONTRACTOR SHALL NOTIFY THE AIRPORT OR THE RESIDENT ENGINEER IF ANY WILDLIFE IS SEEN ENTERING THE AIRPORT
- CONTRACTOR ACCESS GATES SHALL REMAIN CLOSED WHEN THE CONTRACTOR IS NOT WORKING.
- THE CONTRACTOR SHALL DISPOSE OF ALL TRASH INCLUDING FOOD SCRAPS IN APPROVED CONTRACTOR PROVIDED

7. NOTIFICATION OF CONSTRUCTION ACTIVITIES

- THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT PERSON AND PHONE NUMBER.
- THE CONTRACTOR SHALL GIVE A MINIMUM OF 72 HOURS NOTICE TO AIRPORT OPERATIONS PRIOR TO CLOSING ANY PAVEMENTS SO THAT PROPER NOTAMS MAY BE ISSUED BY THE AIRPORT
- FOR ANY EQUIPMENT USED BY THE CONTRACTOR WITH A HEIGHT GREATER THAN 25' THE CONTRACTOR SHALL PROVIDE TO THE AIRPORT THE TYPE OF EQUIPMENT, TOTAL HEIGHT, AND LOCATION WHERE THE EQUIPMENT WILL BE USED. THE AIRPORT WILL SUBMIT FAA FORM 7460-1 TO THE FAA FOR AN AIRSPACE STUDY. NO EQUIPMENT WITH A HEIGHT GREATER THAN 25' SHALL BE USED UNTIL A DETERMINATION FROM FAA IS RECEIVED.
- IN THE EVENT OF AN EMERGENCY, THE CONTRACTOR SHALL CALL 911.

8. INSPECTION REQUIREMENTS

- THE CONTRACTOR SHALL INSPECT THE JOBISTE DAILY TO ENSURE COMPLIANCE WITH THE CSPP. THE CHECKLIST FOUND IN APPENDIX 3 OF FAA AC 150/5370-2G OR LATEST EDITION MAY BE USED TO AID IN THE INSPECTIONS.
- THE CONTRACTOR SHALL REQUEST OPERATIONAL INSPECTION OF EACH PHASE WORK AREA PRIOR THE AREA BEING REOPENED. THE AIRPORT WILL DETERMINE IF THE WORK AREA IS ALLOWED TO BE

9. UNDERGROUND UTILITIES

- IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS. THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY IN RESPECT TO THE ACCURACY, COMPLETENESS OR SUFFICIENCY OF THE INFORMATION. ANY UTILITY, INCLUDING AIRFIELD ELECTRICAL CABLE AND LIGHTS, DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY HIM AT HIS OWN EXPENSE IN A MANNER WHICH IS SATISFACTORY TO THE ENGINEER AND TO THE OWNER OF THE UTILITY ANY REPAIRS THAT MUST BE MADE BY THE OWNER OF THE UTILITY SHALL HAVE THE COST REIMBURSED TO THE UTILITY BY THE CONTRACTOR. AIRFIELD LIGHTING CABLES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY A QUALIFIED ELECTRICIAN WITH THE COSTS TO BE BORNE BY THE
- BEFORE INITIATING ANY DIGGING, DRILLING OR EXCAVATING ON THE AIRPORT PROPERTY, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND CONTACT THE LOCAL FAA OFFICE TO ARRANGE FOR UTILITY LOCATES. SEE SECTION 70-17 OF THE SPECIAL PROVISIONS FOR UTILITY CONTACT INFORMATION.

NCMT

100% SUBMITTAL NOVEMBER 16TH, 2018

REHABILITATE TAXIWAY C. D AND F



Vhiteside AIRPORT

WHITESIDE COUNTY AIRPORT **AUTHORITY** STERLING - ROCK FALLS, IL

MARK	DATE	DESCRIPTION	
SBG PROJ. NO: 3-17-SBGP-144			

IL. PROJ. NO. SQI-4689 CMT PROJECT NO: 18292-02-00 CAD DWG FILE: 1829202-GC502.DWG DESIGNED BY: RAWN BY: CHECKED BY: CMT-ARR COPYRIGHT

CONSTRUCTION **ACTIVITY PLAN** NOTES - SHEET 1

GC102

10. PENALTIES

 NONCOMPLIANCE BY THE CONTRACTOR WITH AIRPORT RULES AND REGULATIONS OR FAILURE TO COMPLY WITH THE AIRPORT'S APPROVED CSPP AND THE CONTRACTOR'S APPROVED SPCD MAY RESULT IN FINES AS ALLOWED BY LAW.

11. SPECIAL CONDITIONS

 ADJACENT CONSTRUCTION MAY IMPACT THE OPERATIONS OF THE CONTRACTOR. SEE THE COORDINATION NOTES FOR ADDITIONAL INFORMATION.

12. RUNWAY AND TAXIWAY VISUAL AIDS

- ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.
- IF ANY RUNWAY OR TAXIWAY CLOSURES ARE REQUESTED BY THE CONTRACTOR AND APPROVED BY THE AIRPORT, THE CONTRACTOR SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOWING THE REQUIREMENTS OF FAA AC 150/5370-2G OR LATEST EDITION.

13. MARKING AND SIGNS FOR ACCESS ROUTES

I. BARRICADES AND SIGNS SHALL BE USED ALONG THE CONTRACTOR'S ACCESS ROUTE AS DETAILED ON THE CONSTRUCTION ACTIVITY PLAN SHEETS.

14. HAZARD MARKING AND LIGHTING

- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED LIGHTING OF OPEN TRENCHES, EXCAVATIONS, TEMPORARY STOCKPILES, AND HIS/HER CONSTRUCTION EQUIPMENT.
- ALL CONSTRUCTION EQUIPMENT SHALL BE FLAGGED AND/OR LIGHTED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/6370-2G AND 150/5210-5C OR LATEST EDITION AT ALL TIMES WHILE OPERATING ON AIRPORT PROPERTY. THE MAXIMUM EQUIPMENT HEIGHT IS 25'.
- 3. BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL INSPECT THE BARRICADES ONCE DURING EACH WORK DAY TO INSURE PROPER PLACEMENT AND PROPER OPERATION OF THE RED LIGHTS AND FLAG PLACEMENT.
- 5. THE AIRPORT WILL PROVIDE TWO PORTABLE CLOSED RUNWAY MARKERS FOR USE DURING THE PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF THE RUNWAY CLOSURE MARKERS INCLUDING FUEL, OIL CHANGES AND REPLACEMENT OF THE LIGHTS. UPON COMPLETION OF THE PROJECT, THE PORTABLE CLOSED RUNWAY MARKERS SHALL BE RETURNED TO THE AIRPORT. THE CONTRACTOR SHALL SUPPLY TWO PORTABLE CLOSED RUNWAY CLOSURE MARKERS FOR THE OTHER RUNWAY.

15. PROTECTION

- ALL WORK REQUIRED INSIDE OF A RUNWAY SAFETY AREA, WILL REQUIRE THE RUNWAY TO BE CLOSED. THE CONTRACTOR SHALL COORDINATE WITH THE AIRPORT A MINIMUM OF 48 HOURS PRIOR TO THE REQUESTED CLOSURE TIME SO THE AIRPORT CAN ISSUE NOTAMS.
- 2. ALL WORK REQUIRED ON AN ACTIVE TAXIWAY OR INSIDE OF AN ACTIVE TAXIWAY OBJECT FREE AREA, WHICH EXTENDS 66' FROM THE TAXIWAY CENTERLINE OF TAXIWAYS, WILL REQUIRE THE TAXIWAY TO BE CLOSED. THE CONTRACTOR SHALL COORDINATE WITH THE AIRPORT A MINIMUM OF 72 HOURS PRIOR TO THE REQUESTED CLOSURE TIME.

16. OTHER LIMITATIONS ON CONSTRUCTION

- IF, DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE AIRPORT, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OF ALL VEHICLES, PERSONNEL AND EQUIPMENT.
- BROKEN CONCRETE, BROKEN ASPHALT, RUBBISH FROM DEMO, AND OTHER MISCELLANEOUS DEBRIS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY, UNLESS OTHERWISE SPECIFIED.
- 3. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE AIRSPACE FOR THE CONSTRUCTION EQUIPMENT THAT IS TALLER THAN THAT SPECIFIED ON THE PLANS WITH THE FAA. THIS PROCESS MAY TAKE UP TO 12 WEEKS TO COMPLETE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEGGAR TESTING ALL EXISTING CIRCUITS PRIOR TO CONSTRUCTION AND FOLLOWING CONSTRUCTION AS SPECIFIED IN THE CONTRACT DOCUMENTS.



100% SUBMITTAL NOVEMBER 16TH, 2018

REHABILITATE TAXIWAY C, D AND F



Whiteside AIRPORT
JOSEPH H. BITTORF FIELD

WHITESIDE COUNTY AIRPORT AUTHORITY STERLING - ROCK FALLS, IL

MARK	DATE	DESCRIPTION		
2D2 DD2 N2 2 /3 2D2D ///				

SBG PROJ. NO: 3-17	7-SBGP-144		
IL. PROJ. NO. SQI-4689			
CMT PROJECT NO:	18292-02-00		
CAD DWG FILE:	1829202-GC503.DWG		
DESIGNED BY:	NRF		
DRAWN BY:	JRO		
CHECKED BY:	CMT-ARR		
APPROVED BY:	DJK		
COPYRIGHT:			

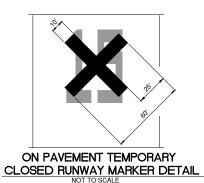
HEET TITLE

5

CONSTRUCTION ACTIVITY PLAN NOTES - SHEET 2

GC103

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FAR PART 77 SURFACE RSA RSA FAR T 77 SURFACE

F.A.R. TITLE 14 PART 77 SURFACE

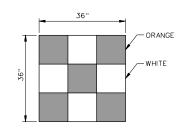
NOT TO SCALE

NOTE: RSA - RUNWAY SAFETY AREA

175' FEET FOR RUNWAY 18/36

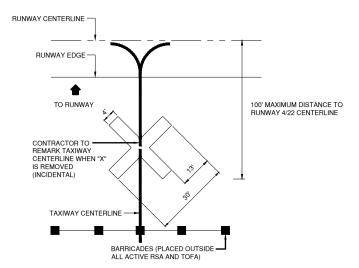
CLOSED RUNWAY MARKER DETAIL NOTES

- 1. CLOSED RUNWAY MARKERS SHALL BE YELLOW.
- 2. MARKERS SHALL BE MATERIAL APPROVED BY THE ENGINEER.
- 3. CONTRACTOR SHALL MAINTAIN AND RELOCATE MARKERS AS SHOWN ON THE PLANS OR AS NEEDED TO FACILITATE CONSTRUCTION
- 4. MARKERS ON PAVEMENT SHALL BE PLACED OVER EXISTING RUNWAY NUMERALS AS SHOWN
- COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 6. DURING VARIOUS PHASES OF WORK, IT WILL BE NECESSARY TO CLOSE RUNWAYS TO AIR TRAFFIC ON A TEMPORARY BASIS AS COORDINATED WITH THE AIRPORT AND TOWER PERSONNEL. THE CONTRACTOR SHALL MARK THE RUNWAYS TO BE CLOSED BY PLACING A YELLOW CROSS AT THE LOCATION AND DIMENSIONS DETAILED ON THIS SHEET. THE CROSSES ARE SHOWN ON THE RESPECTIVE RUNWAYS ACCORDING TO THE VARIOUS PHASES OF WORK AS DELINEATED IN THE SUGGESTED CONSTRUCTION ACTIVITY PLANS.



CONSTRUCTION EQUIPMENT AND TRUCK SIGNAL FLAG

NOT TO SCALE



CLOSED TAXIWAY MARKER DETAIL

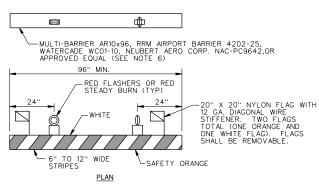
NOT TO SCALE

CLOSED TAXIWAY MARKER DETAIL NOTES

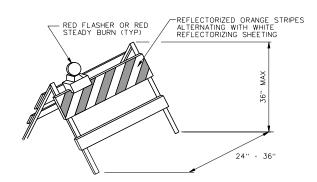
- I. CLOSED TAXIWAY MARKERS SHALL BE PAINTED YELLOW WITH TEMPORARY MARKING CAPABLE OF BEING REMOVED WITH LOW PRESSURE WATER BLASTING OR OTHER MATERIAL THAT DOES NOT VIOLATE THE OBJECT FREE AREA CRITERIA AND RUNWAY SAFETY AREA CRITERIA PER ADVISORY CIRCULAR 150/5300-13A (LATEST EDITION) AND ARE APPROVED BY THE RESIDENT ENGINEER AND AIRPORT
- 2. CONTRACTOR SHALL MAINTAIN AND RELOCATE MARKERS AS SHOWN ON THE PLANS OR AS NEEDED TO FACILITATE CONSTRUCTION
- COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 4. PLACE MARKERS OVER TAXIWAY CENTERLINE.
- MARKERS SHALL BE ADEQUATELY SECURED TO PREVENT MOVEMENT BY PROPELLER WASH, JET BLAST OR OTHER WIND CURRENTS.
- 6. MARKERS ARE ONLY REQUIRED FOR CLOSURES EXCEEDING 72 HOURS.

BARRICADE NOTES

- FLASHER OR STEADY BURN LIGHTS SHALL BE
 BATTERY OR SOLAR POWER OPERATED. LENS
 SHALL BE RED AND BE ABLE TO ROTATE 90^.
- 2. FACING OF BARRICADE SHALL BE COVERED WITH REFLECTIVE TAPE OR PAINT.
- 3. BARRICADES TO BE PLACED WITH A MAXIMUM OF 20' SPACING CENTER TO CENTER ALONG OPERATIONAL PAVEMENT ADJACENT TO CONSTRUCTION AS DIRECTED BY THE RESIDENT ENGINEER. ALTERNATE FLASHER OR STEADY BURN LENSES SO THAT EVERY OTHER LENS IS ROTATED 90°.
- 4. FLASHER OR STEADY BURN LIGHTS SHALL BE SECURED TO THE BARRICADES, AS APPROVED BY THE RESIDENT ENGINEER.
- 5. BARRICADES SHALL BE OF LOW MASS, EASILY COLLAPSIBLE UPON CONTACT WITH AN AIRCRAFT OR ANY OF IT COMPONENTS, AND WEIGHTED TO AVOID BEING BLOWN OVER.
- 6. BARRICADES SHALL BE OF A COMMERCIAL DESIGN AND SHALL MEET CURRENT FAA REQUIREMENTS.



AIRSIDE LOW PROFILE LIGHTED BARRICADE



LANDSIDE ALTERNATE BARRICADE DETAIL

NOT TO SCALE

NOTE

- ALL BARRICADES SHALL BE LOW PROFILE UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION ACTIVITY PLAN SHEETS.
- 2. BARRICADES SHALL BE PLACED
 AS SHOWN ON THE CONSTRUCTION
 ACTIVITY PLANS 15' ON CENTER AT
 DESIGNATED LOCATIONS. BARRICADE
 SHALL BE WEIGHTED WITH A MINIMUM
 OF 6 SAND BAGS TO PREVENT THEM
 FROM BEING BLOWN OVER.

100% SUBMITTAL NOVEMBER 16TH, 2018

NCMT

REHABILITATE TAXIWAY C, D AND F



Whiteside AIRPORT
JOSEPH H. BITTORF FIELD

WHITESIDE COUNTY AIRPORT AUTHORITY STERLING - ROCK FALLS, IL

MARK	DATE	DES	SCRIPTION			
SBG F	SBG PROJ. NO: 3-17-SBGP-144					
IL. PROJ. NO. SQI-4689						
CMT PROJECT NO: 18292-02-00						
CAD DWG FILE:		1829202-GC5	01.DWG			
DESIGNED BY:		NRF				
DRAW	/N BY:		JRO			

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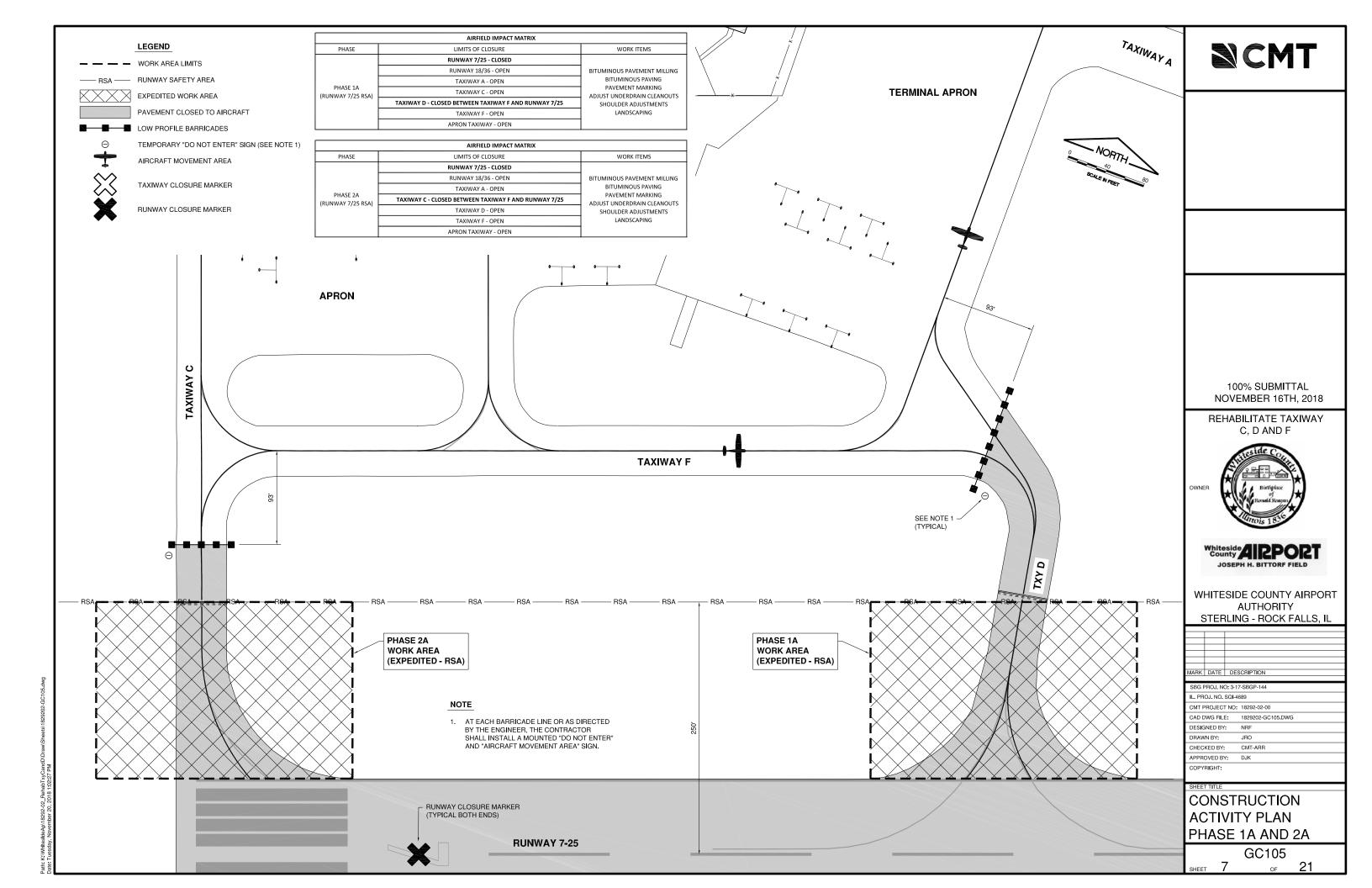
CHECKED BY: CMT-ARR

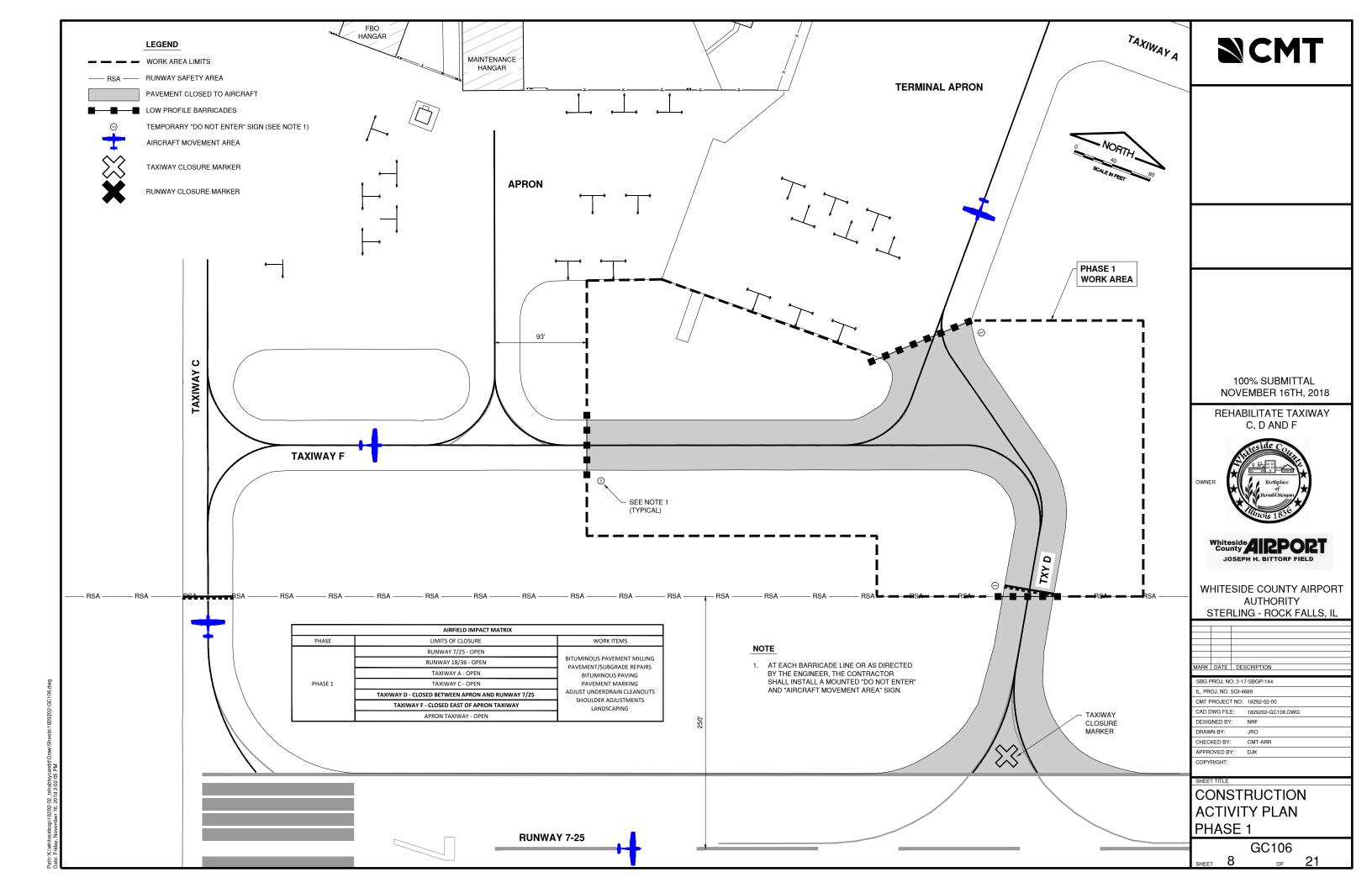
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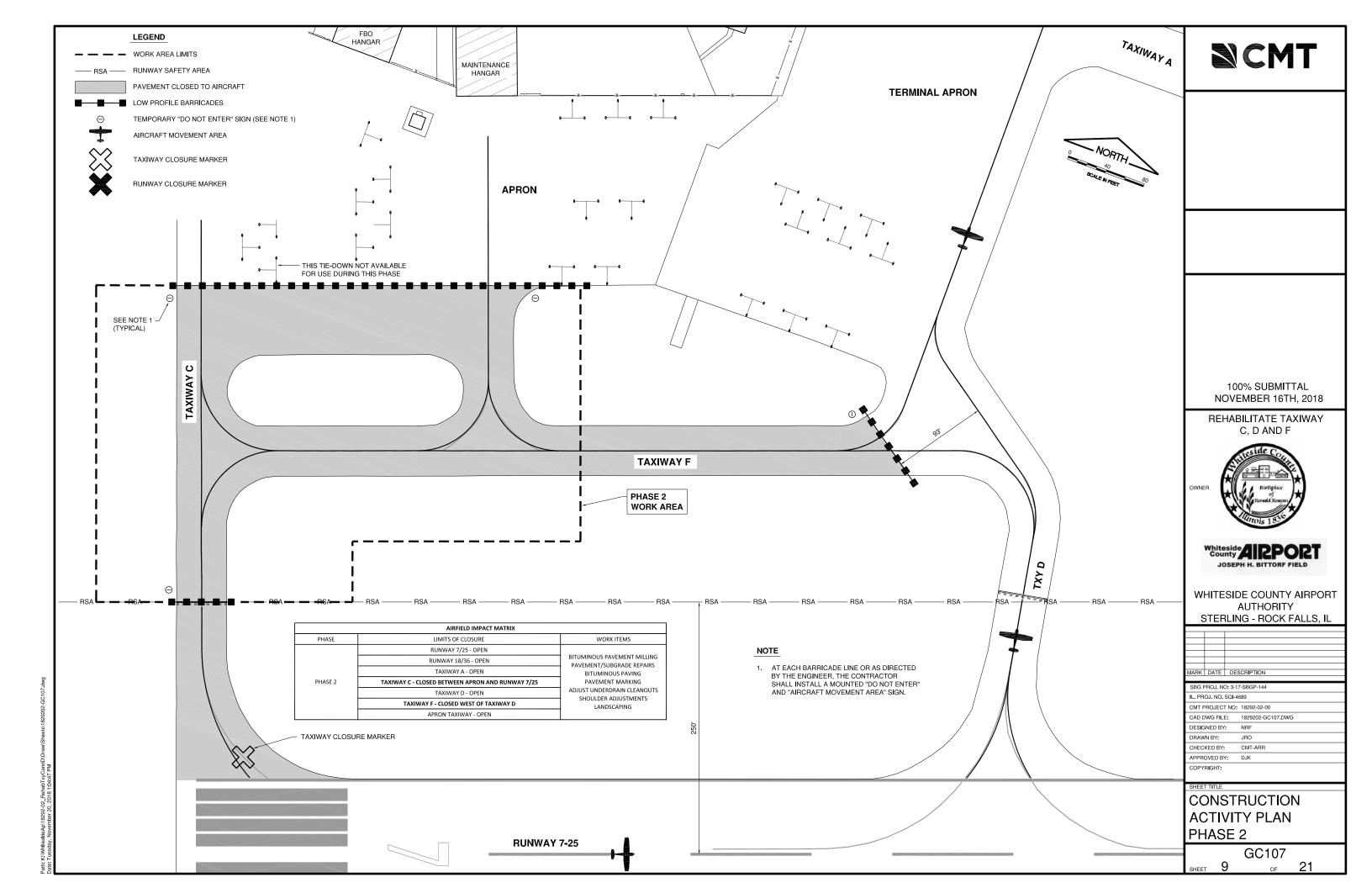
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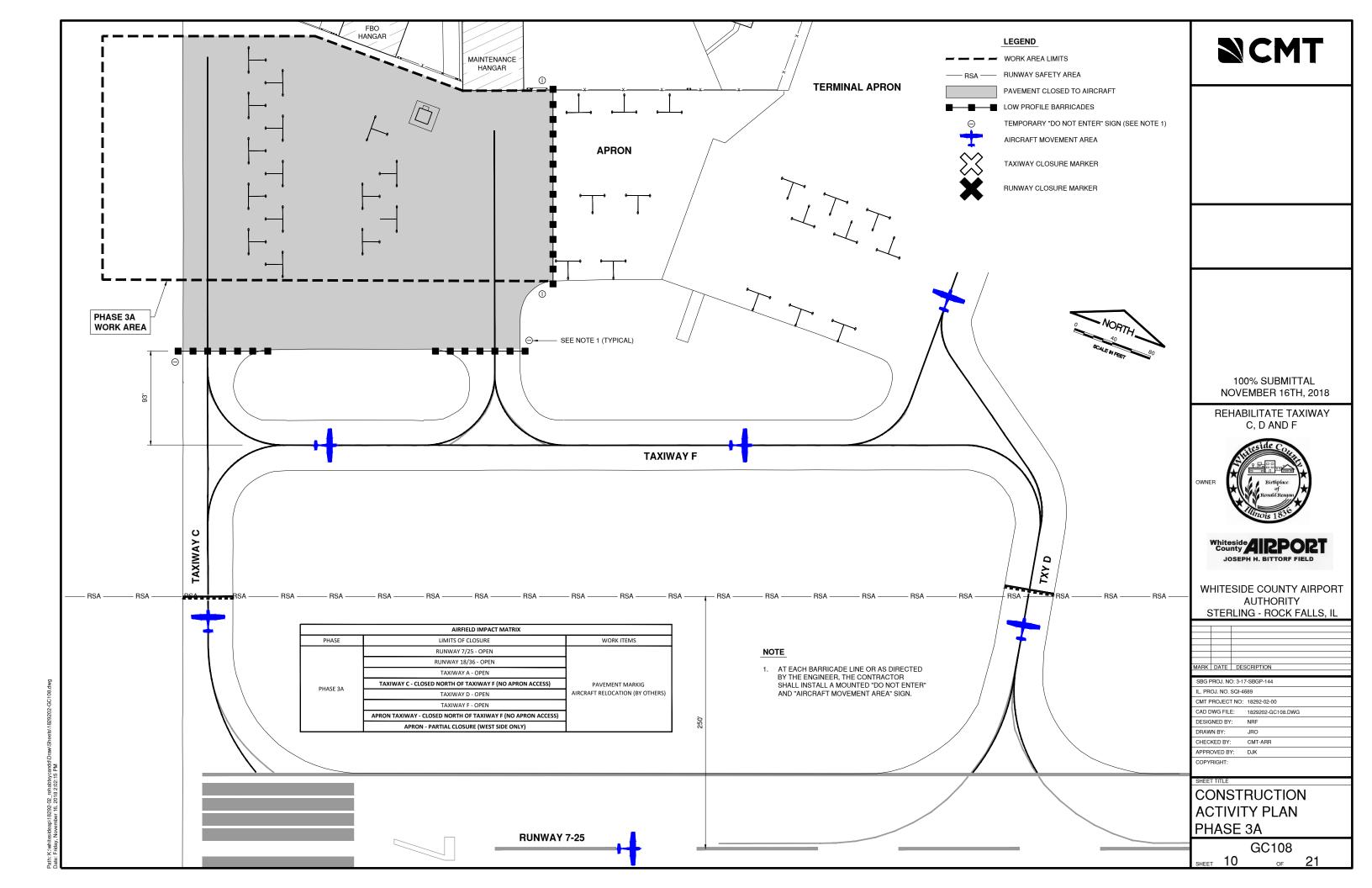
CONSTRUCTION ACITIVITY PLAN DETAILS

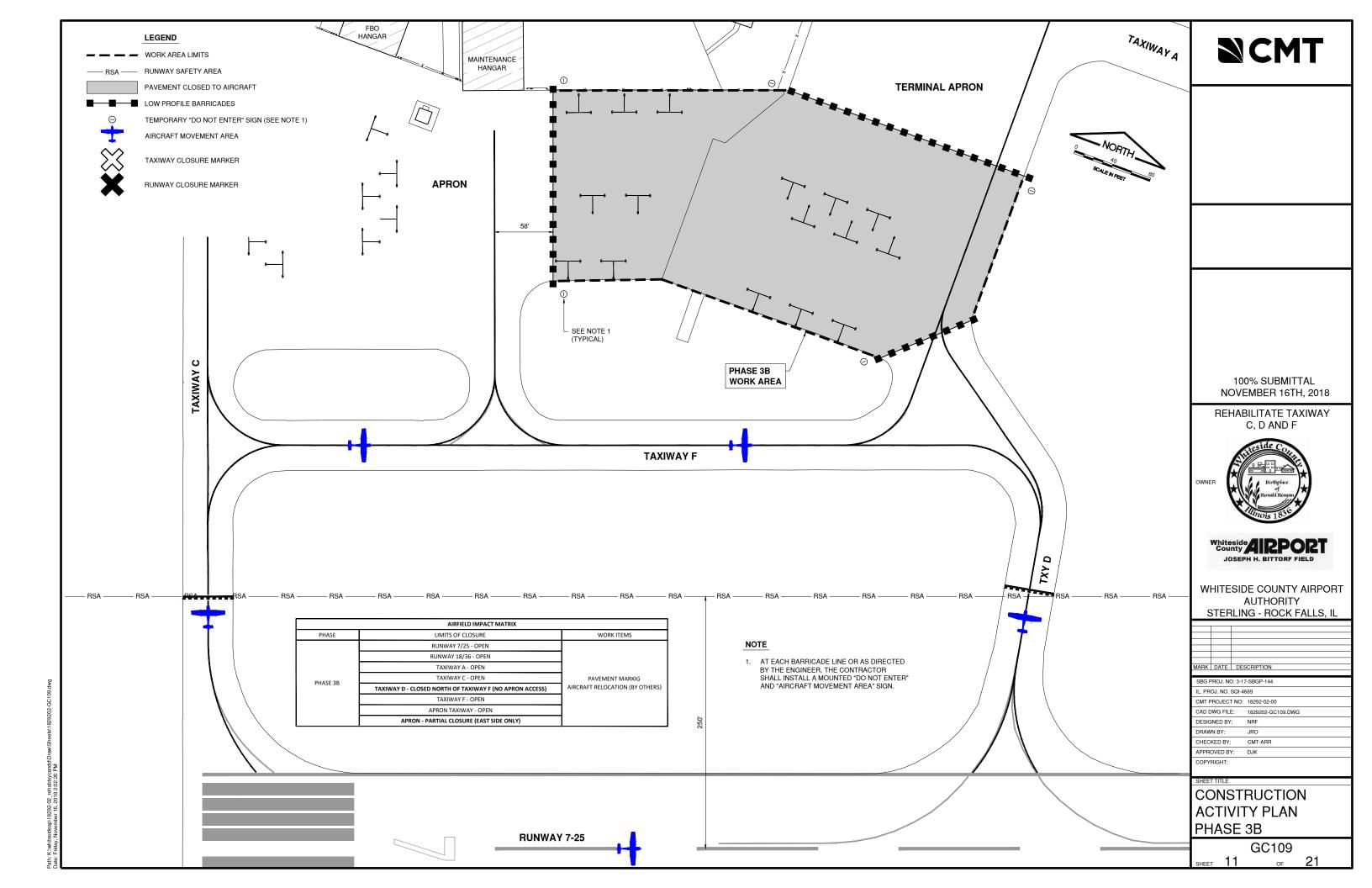
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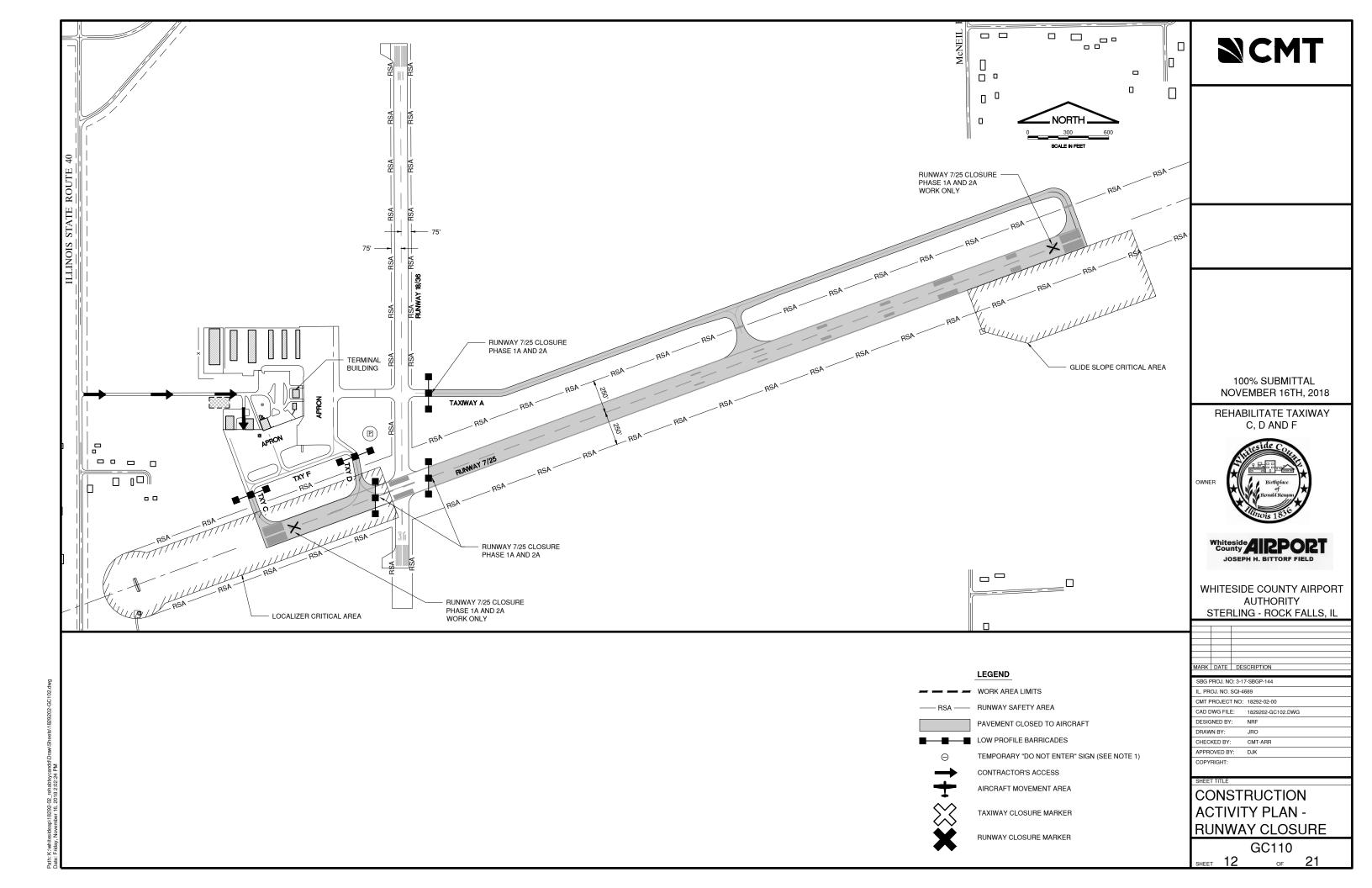


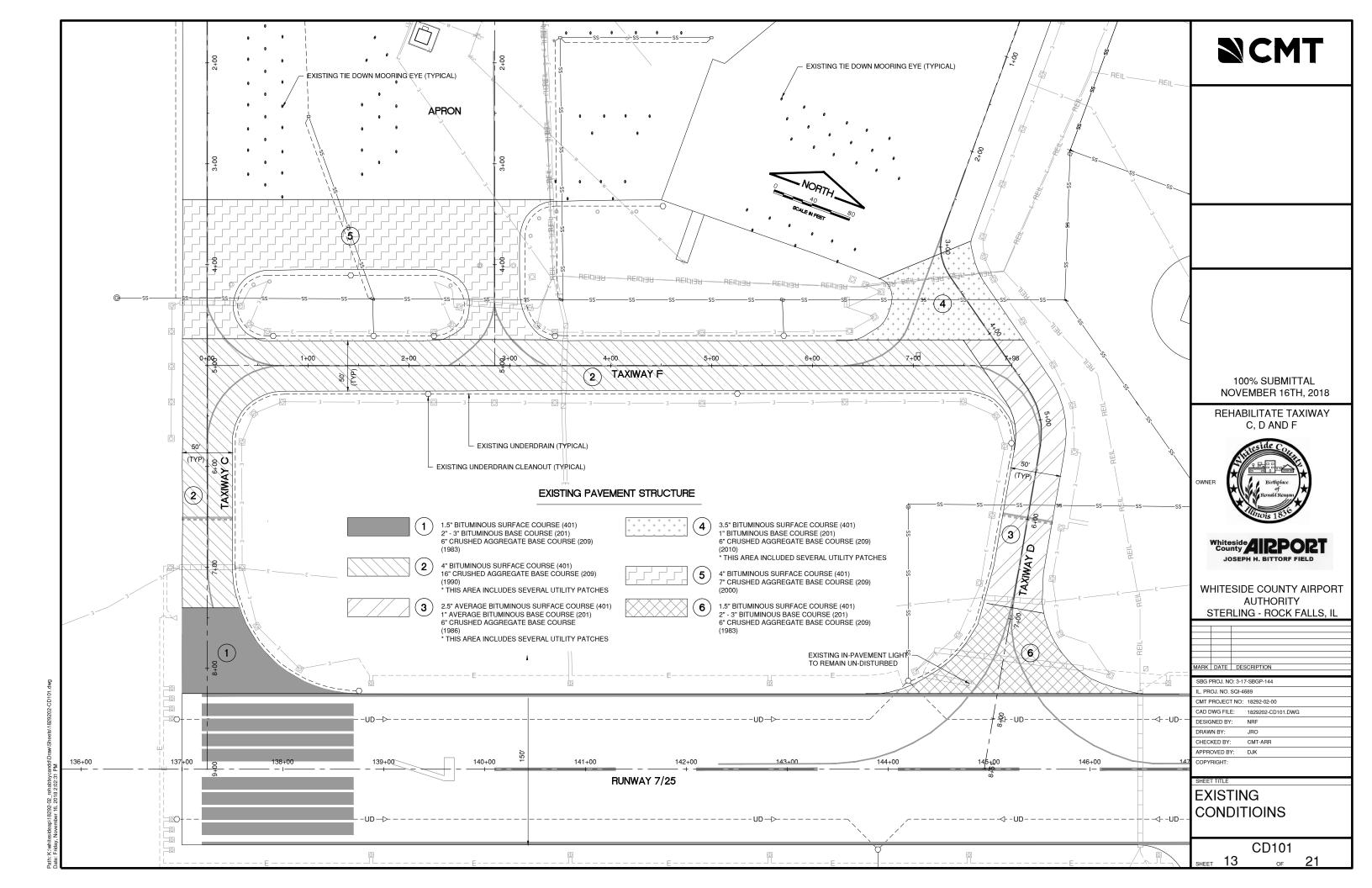


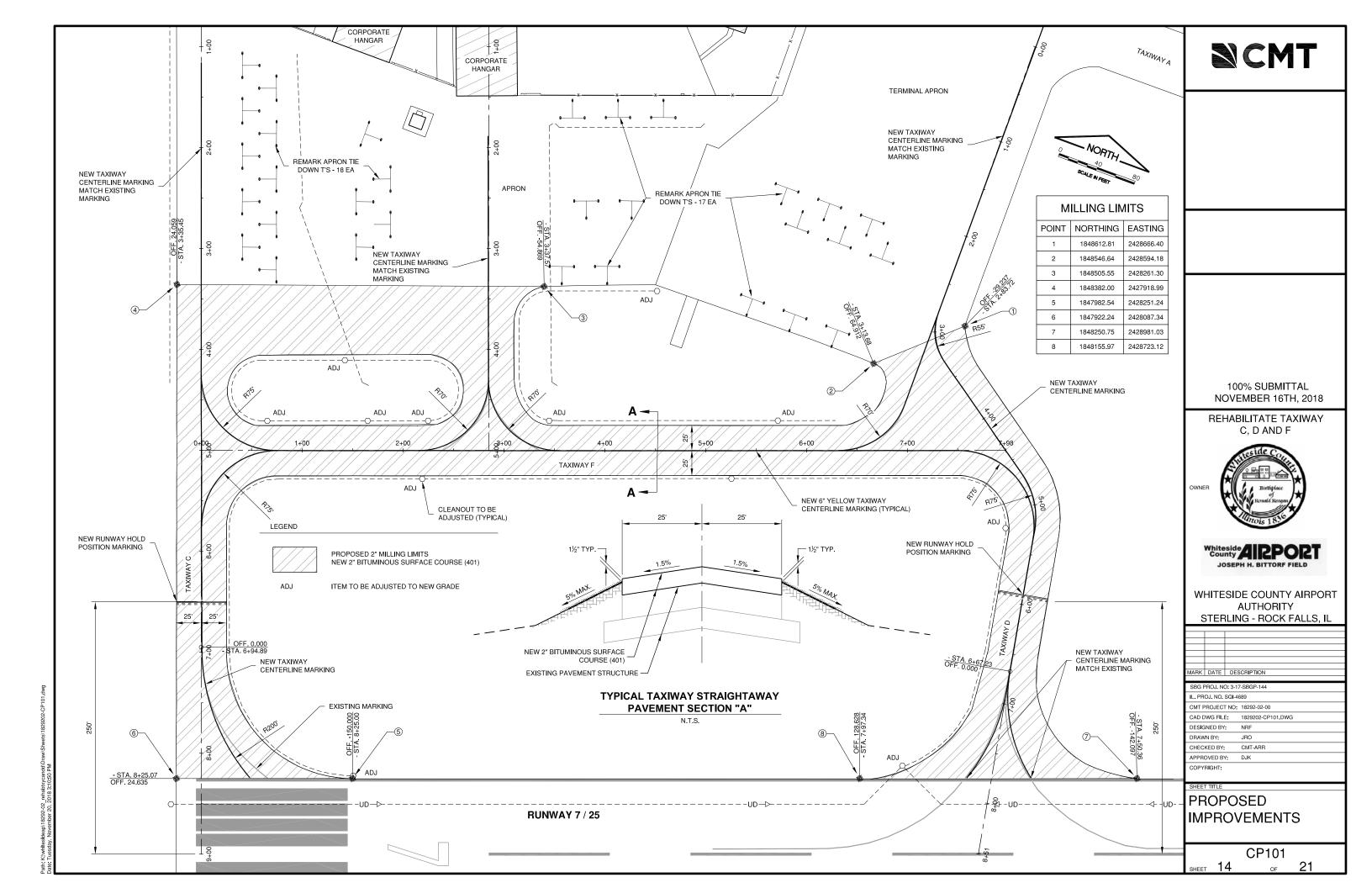


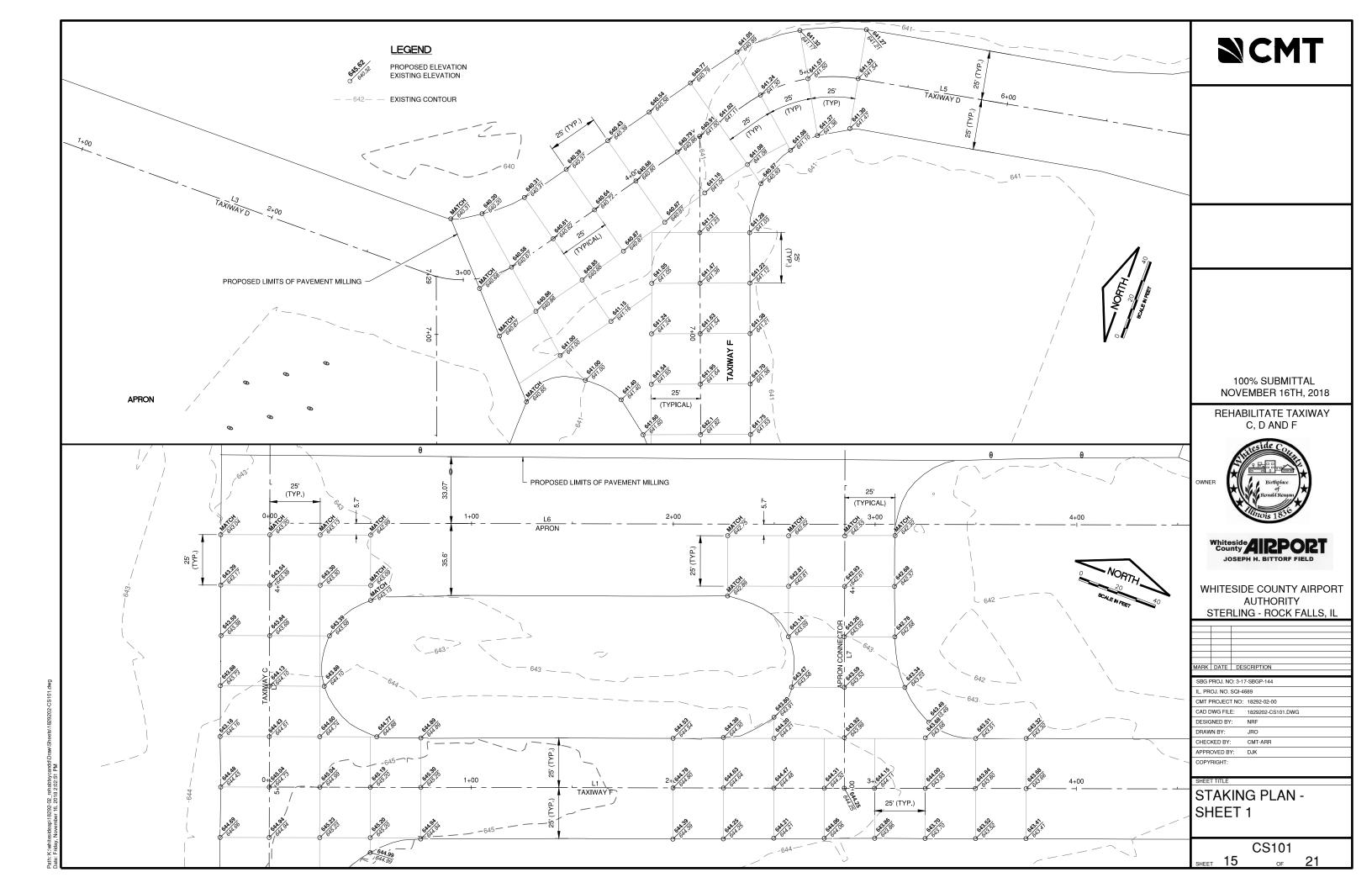


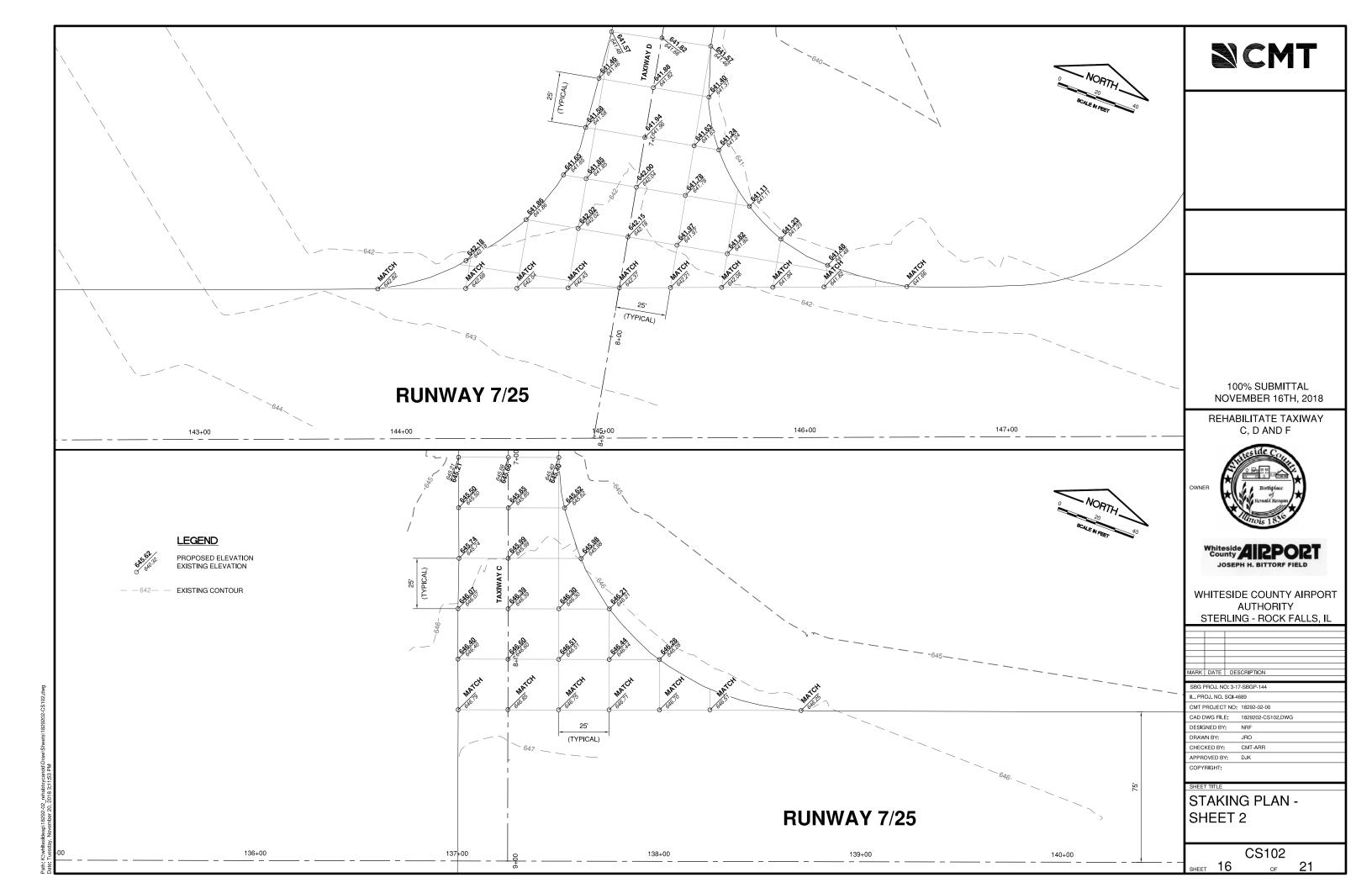


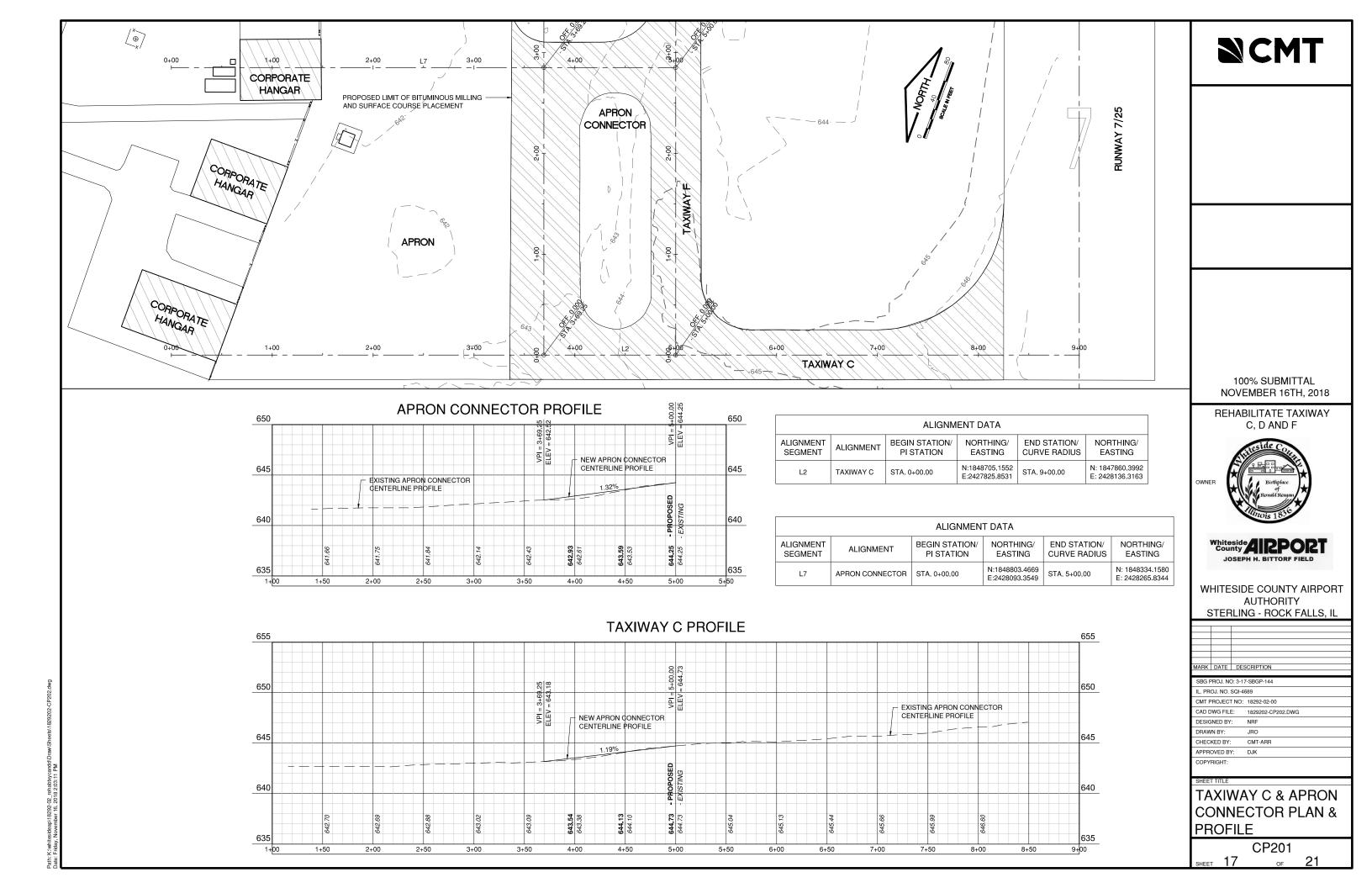


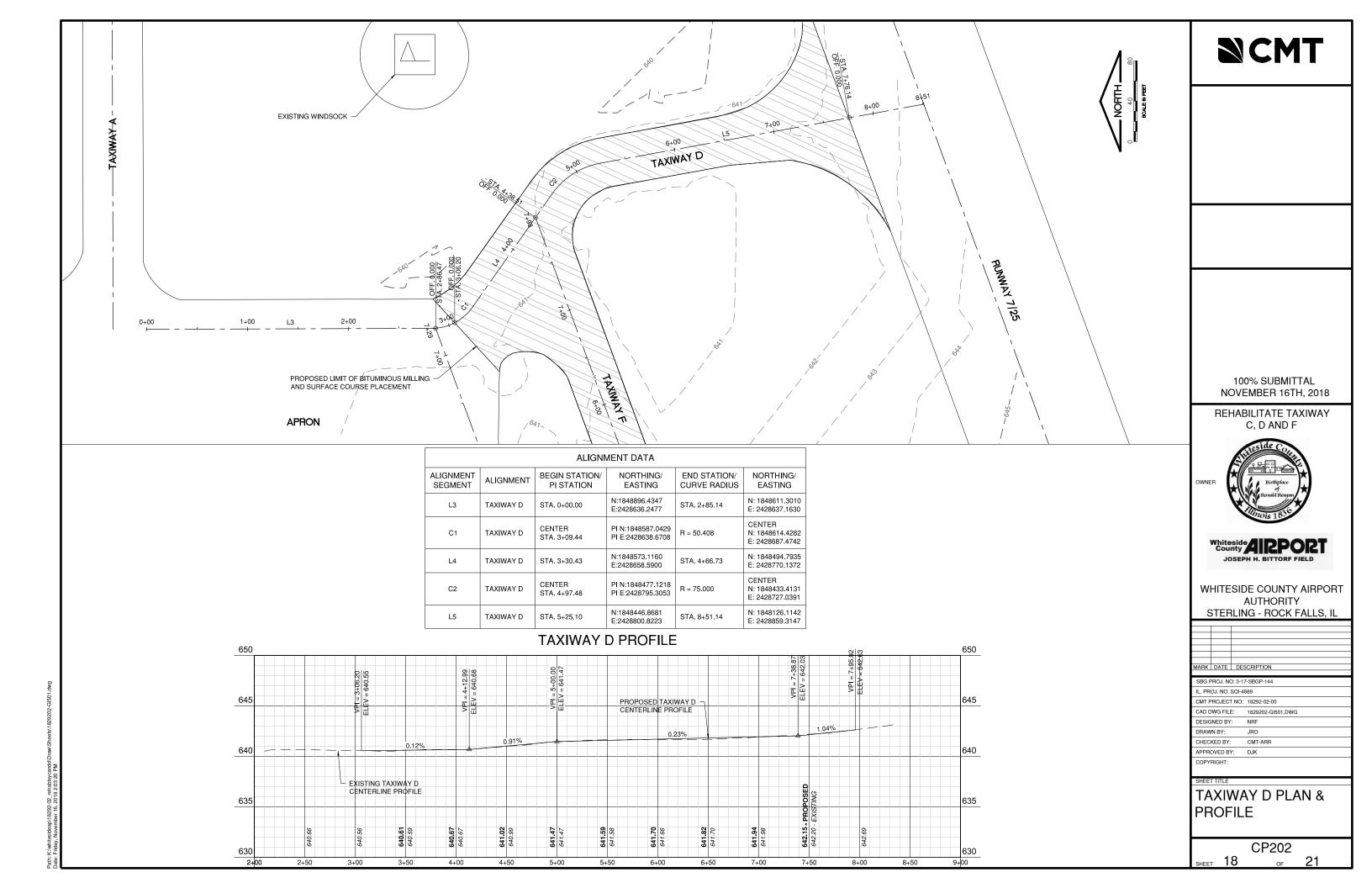


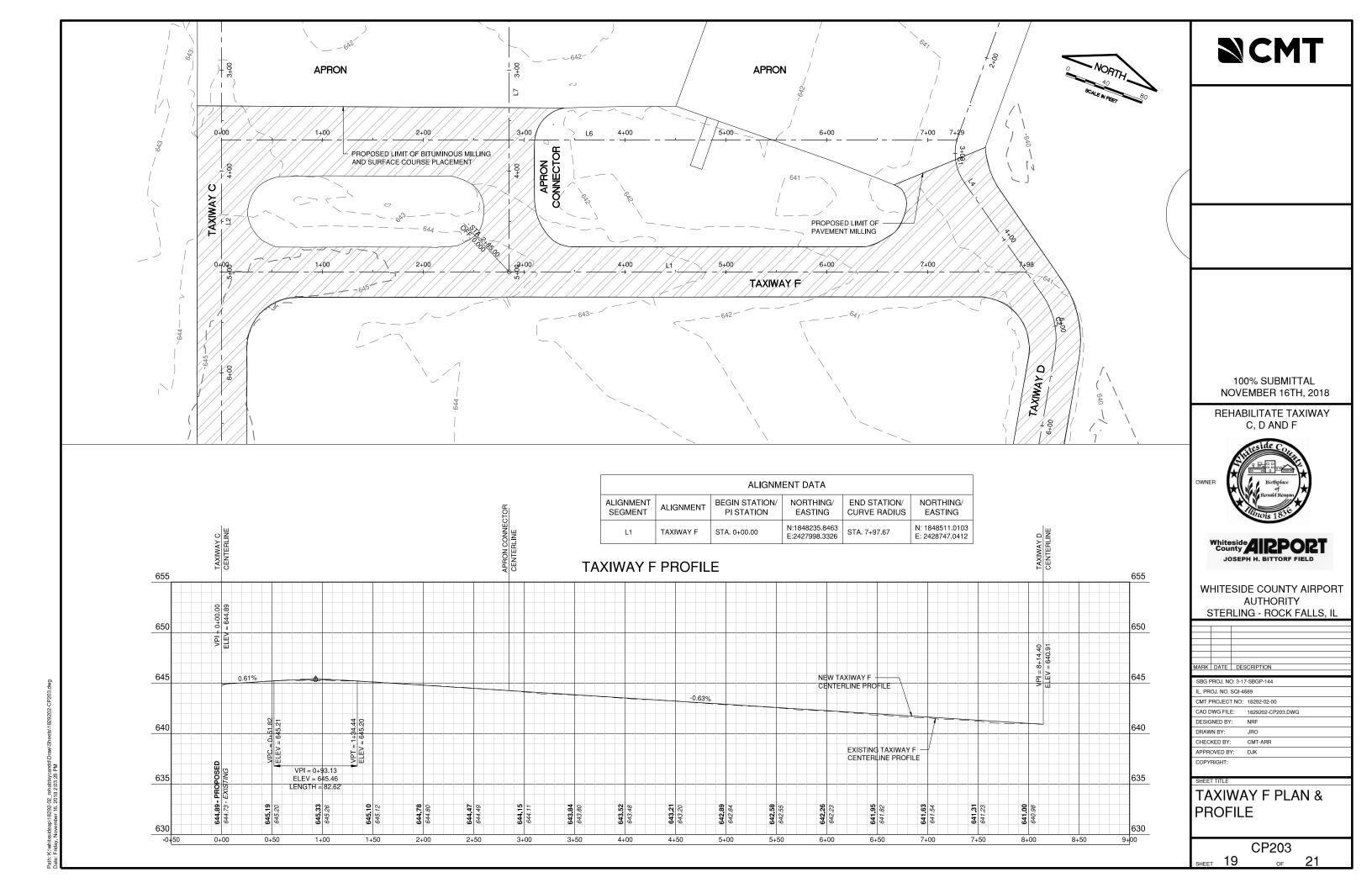


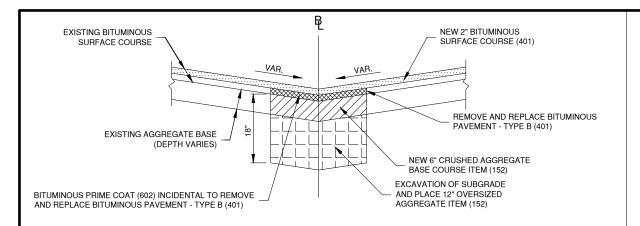








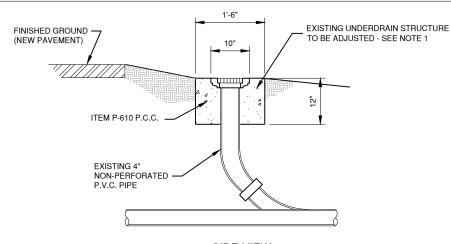




SUBGRADE REPAIR DETAIL

NOTES:

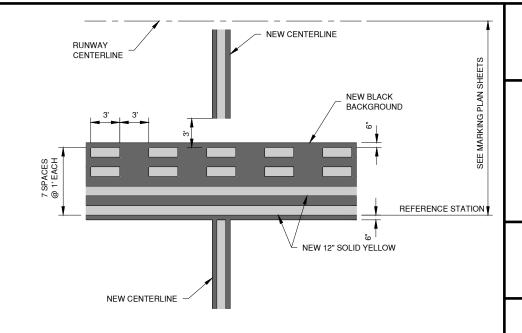
- 1. LOCATION OF SUBGRADE REPAIR SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION AND APPROVED BY THE RESIDENT ENGINEER.
- 2. LENGTH AND WIDTH OF SUBGRADE REPAIR SHALL VARY DEPENDENT ON THE AFFECT AREA IN NEED OF REPAIR.
- 3. THE FOLLOWING SHALL BE THE STEPS TAKEN TO REPAIR THE SUBGRADE:
- REMOVE ADDITIONAL 2" OF BITUMINOUS SURFACE COURSE (IF NEEDED)
- REMOVE EXISTING AGGREGATE SUBBASE IN AREAS THAT REQUIRE SUBGRADE REPAIR.
- EXCAVATE 18" DEPTH OF SUBGRADE. 3.C.
- 3.D. COMPACT EXPOSED SUBGRADE.
- 3.E. PLACE GEOTEXTILE FABRIC ITEM AR209600 ON TOP OF COMPACTED SUBGRADE.
- PLACE AND COMPACT OVERSIZED AGGREGATE ITEM 208 AT A THICKNESS OF 12".
- PLACE AND COMPACT 6" CRUSHED AGGREGATE ITEM 209, MEETING THE GRADES OF THE ADJACENT 3.G. EXISTING AGGREGATE LAYER.
- 4. APPLY PRIME COAT AND CONSTRUCT BITUMINOUS LAYER AS SPECIFIED IN THE PLANS
- 5. METHODS OF CONSTRUCTION SHALL MEET THE REQUIREMENTS SPECIFIED IN THE SPECIAL PROVISIONS.
- 6. ITEMS TO BE INCLUDED IN PAYMENT FOR SUBGRADE REPAIR ARE 3A, 3B, 3C, 3D, AND 3F. (AR152511)



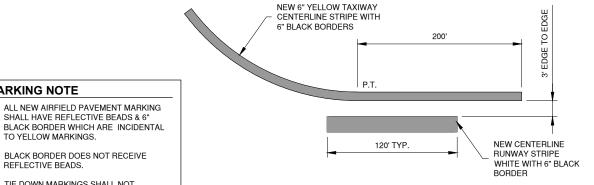
SIDE VIEW

UNDERDRAIN CLEANOUT ADJUSTMENT DETAIL

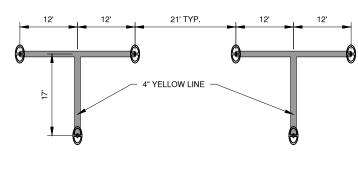
- UNDERDRAIN CLEANOUTS TO BE ADJUSTED WILL BE DETERMINED BY THE RESIDENT ENGINEER AFTER ALL PROPOSED PAVING HAS BEEN COMPLETED.
- 2. ALL ADJUSTMENTS TO BRING THE EXISTING UNDERDRAIN CLEANOUT CASTINGS AND FRAMES TO MATCH NEW TURF GRADES SHALL BE DONE BY EXCAVATING AROUND THE CLEANOUT TO ALLOW THE MANUAL ADJUSTMENT (UP OR DOWN) OF THE ENTIRE CLEANOUT, INCLUDING CONCRETE ENCASEMENT, TO THE REQUIRED ELEVATION AND BACKFILLING WITH AGGREGATE OR APPROVED SUBSTITUTION MATERIAL TO ENSURE STABILITY



RUNWAY HOLDING POSITION MARKING



NEW TAXIWAY EXIT MARKING DETAIL



TIEDOWN MARKING DETAIL

REHABILITATE TAXIWAY C, D AND F

100% SUBMITTAL

NOVEMBER 16TH, 2018

NCMT



County AIRPORT

WHITESIDE COUNTY AIRPORT **AUTHORITY** STERLING - ROCK FALLS, IL

MARK DATE DESCRIPTION SBG PROJ. NO: 3-17-SBGP-144

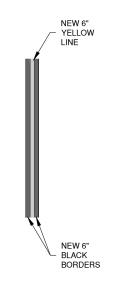
II. PROJ. NO. SQI-4689 CMT PROJECT NO: 18292-02-00 CAD DWG FILE: 1829202-CJ501.DWG DRAWN BY: CHECKED BY: CMT-ARR APPROVED BY:

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PAVING, MARKING AND MISCELLANEOUS **DETAILS**

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MARKING NOTE

TO YELLOW MARKINGS.

SHALL HAVE REFLECTIVE BEADS & 6"

2. BLACK BORDER DOES NOT RECEIVE REFLECTIVE BEADS.

3. TIE DOWN MARKINGS SHALL NOT RECEIVE BLACK BORDER.

TAXIWAY CENTERLINE **CONTINOUS**

