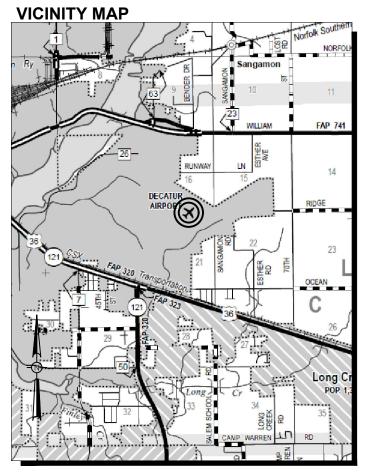
CONSTRUCTION PLANS

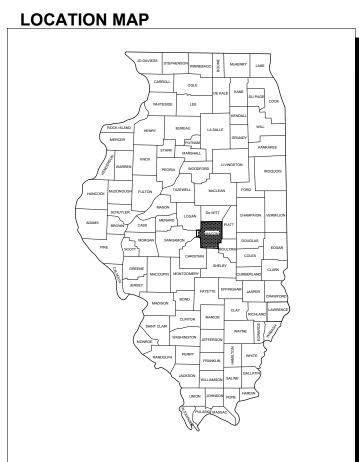
REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

DECATUR PARK DISTRICT
DECATUR AIRPORT (DEC)
DECATUR, MACON COUNTY, ILLINOIS

IDA PROJECT NO. DEC-4663 A.I.P. PROJECT NO. 3-17-SBPG-144

NOVEMBER 16, 2018





NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

No.	Issue/Description	Sheets Changed	Date	Ву





	SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY	
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1		
AR150520	MOBILIZATION	L.S.	1		
AR150540	HAUL ROUTE	L.S.	1		
AR152480	SHOULDER ADJUSTMENT	S.Y.	3,500		
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	10,000		
AR201670	CRACK CONTROL FABRIC	S.Y.	360		
AR401614	BIT. SURF. CSEMETHOD II, SUPERPAVE	TON	3,920		
AR401630	BITUMINOUS SURFACE TEST SECTION	EACH	1		
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	18,946		
AR401910	REMOVE & REPLACE BIT. PAVEMENT	S.Y.	360		
AR603510	BITUMINOUS TACK COAT	GAL.	4,000		
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	6,597		
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	5,948		
AR901510	SEEDING	ACRE	0.8		
AR908510	MULCHING	ACRE	0.8		

GENERAL NOTES

- 1. THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT TO THE SATISFACTION OF THE RESIDENT ENGINEER IS TO BE INCLUDED IN THE COSTS OF PERFORMING THESE ITEMS. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL ELEMENTS OF THE PROJECT AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS.
- THE RULES, REGULATIONS, AND SPECIFICATIONS ENUMERATED HEREIN SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS.
 THEY SHALL NOT PROHIBIT THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIAL THAN ARE
 SPECIFIED HEREIN, IF APPROVED BY THE ENGINEER.
- 3. ACCESS TO THE SITE SHALL BE RESTRICTED EXCLUSIVELY TO THE DESIGNATED CONSTRUCTION ENTRANCE, STAGING AREA, AND HAUL ROUTE. NO EQUIPMENT OR PERSONNEL SHALL BE PERMITTED OUTSIDE THE GENERAL PROJECT AREA.
- 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND KEEP CLEAN OF DEBRIS ALL EXISTING AIRFIELD AND ROADWAY PAVEMENTS AT ALL TIMES. ANY DAMAGE TO EXISTING ELECTRICAL, DRAINAGE, AND PAVEMENT STRUCTURES SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO THE CONTRACT.
- 5. CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
- 6. THE LOCATION OF THE ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
- 7. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR HAULING ON PUBLIC ROADS, AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGES TO ANY PAVEMENTS (PUBLIC OR PRIVATE) CAUSED BY HIS/HER CONSTRUCTION EQUIPMENT OR PERSONNEL.
- THE CONTRACTOR SHALL PROVIDE ONE SET OF PRELIMINARY REDLINED RECORD DRAWINGS TO THE RESIDENT ENGINEER AT THE COMPLETION OF THE PROJECT FOR INCORPORATION INTO THE OFFICIAL RECORD DRAWINGS HE WILL PREPARE.
- 10. APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN THROUGHOUT THESE PLANS. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND PROTECT THESE UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE WITH THE PROPER AUTHORITIES FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES.
- 11. NPDES PERMIT THIS PROJECT WILL NOT DISTURB MORE THAN 1 ACRE, THEREFORE A NPDES PERMIT IS NOT REQUIRED.
- 12. MATERIAL CERTIFICATIONS MATERIALS CANNOT BE INSTALLED UNTIL ALL THE MATERIAL CERTIFICATIONS FOR THAT ITEM HAVE BEEN RECEIVED, REVIEWED, AND ACCEPTED BY THE RESIDENT ENGINEER. MATERIALS INSTALLED WITHOUT APPROVAL ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- 13. CERTIFIED PAYROLLS THE RESIDENT ENGINEER CANNOT FORWARD A CONSTRUCTION REPORT FOR PAYMENT TO THE IDOT-DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THAT PERIOD HAVE BEEN RECEIVED.

UTILITY NOTE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETÉ. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE. FITHER EXPRESSED OR IMPLIED. THAT THE LOCATIONS. SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE 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. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL

J.U.L.I.E. INFORMATION

COUNTY	MACON	
CITY	DECATUR	
TOWNSHIP	LONG CREEK	
SECTION NO	15, 16, 21, & 22	
ADDRESS	DECATUR AIRPORT	
	910 SOUTH AIRPORT RO	AD
	DECATUR, IL 62524	



Offices Nationwide

Hanson Professional Services Inc. 1525 S. 6th Street Springfield, IL 62703 phone: 217-788-2450 fax: 217-788-2503

Illinois Licensed Professional Service Corporation #184-001084



Decatur Park District Decatur Airport 910 South Airport Road Decatur, IL 62521

REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

IDA No: DEC-4663 FED No: 3-17-SBPG-144

Contract No. DE082

NO. DATE DESCRIPTION				
INO.	DATE	DES	DWN	REV
ISSUE: 11/16/2018				
PROJECT NO: 18A0013				

PROJECT NO: 18A0013

CAD FILE: G-002-SOQ.DWG

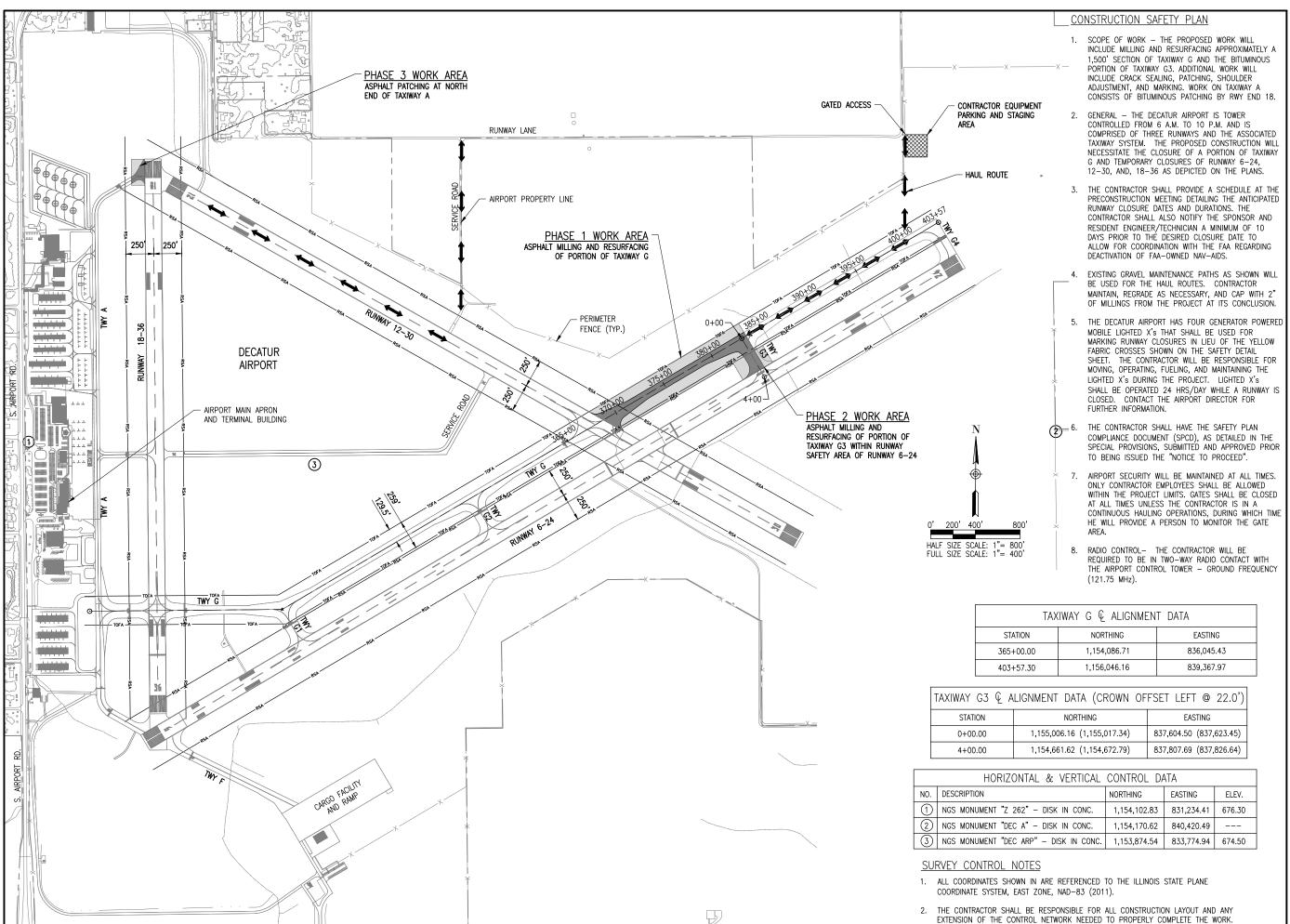
DESIGN BY: MJD 08/13/2018

DRAWN BY: MJD 08/13/2018

REVIEWED BY: KBS 10/25/18

SHEET TITLE

SUMMARY OF QUANTITIES AND INDEX TO SHEETS





Hanson Professional Services Inc. 1525 S. 6th Street Springfield, IL 62703 phone: 217-788-2450 fax: 217-788-2503

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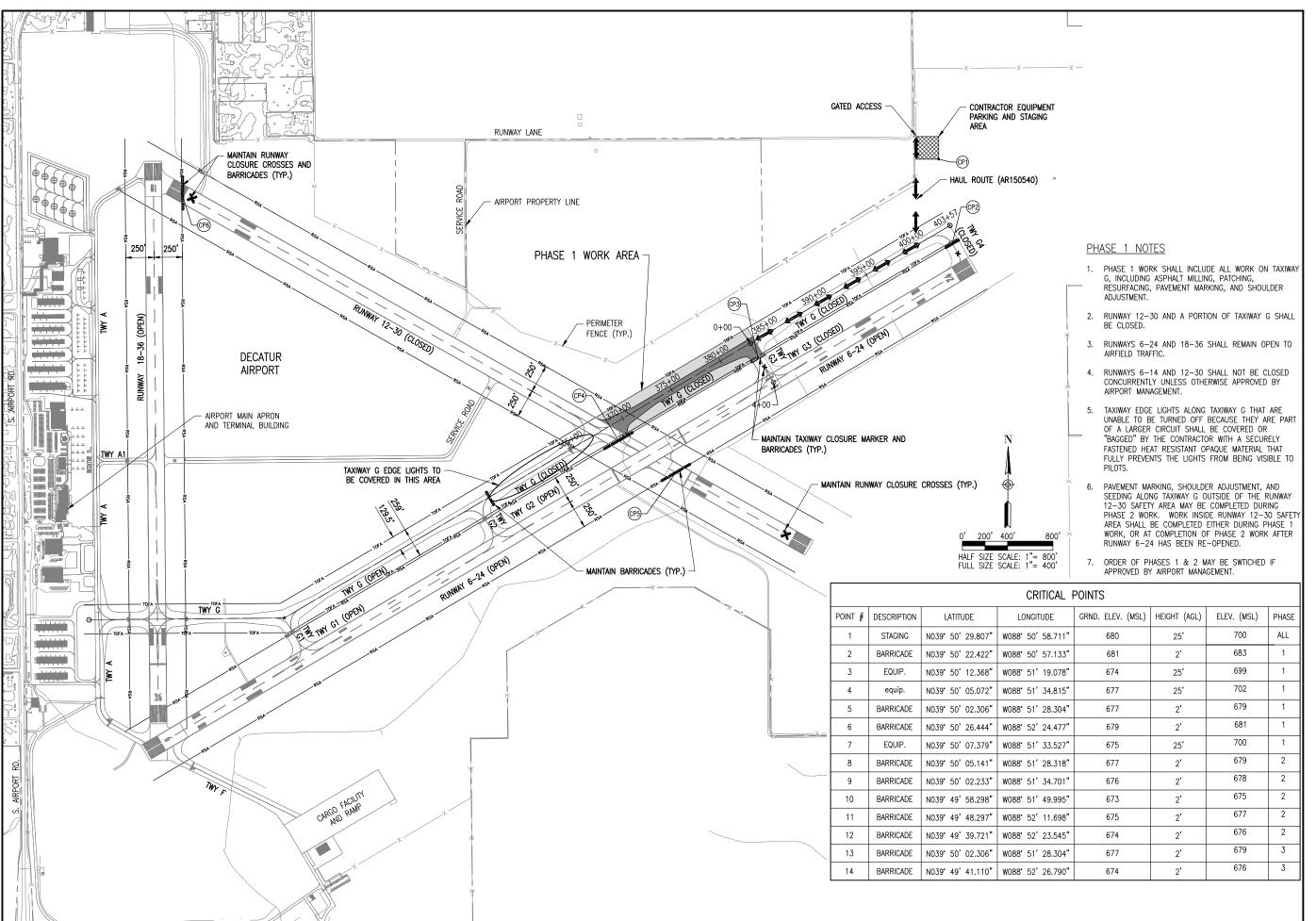
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ISSUE:	ISSUE: 11/16/2018			
PROJE	PROJECT NO: 18A0013			
CAD FIL	CAD FILE: C-101-SFY.DWG			

SHEET TITLE

SCOPE OF WORK AND SAFETY PLAN

DESIGN BY: MJD 08/13/2018

DRAWN BY: MJD 08/13/2018 REVIEWED BY: KBS 10/25/18





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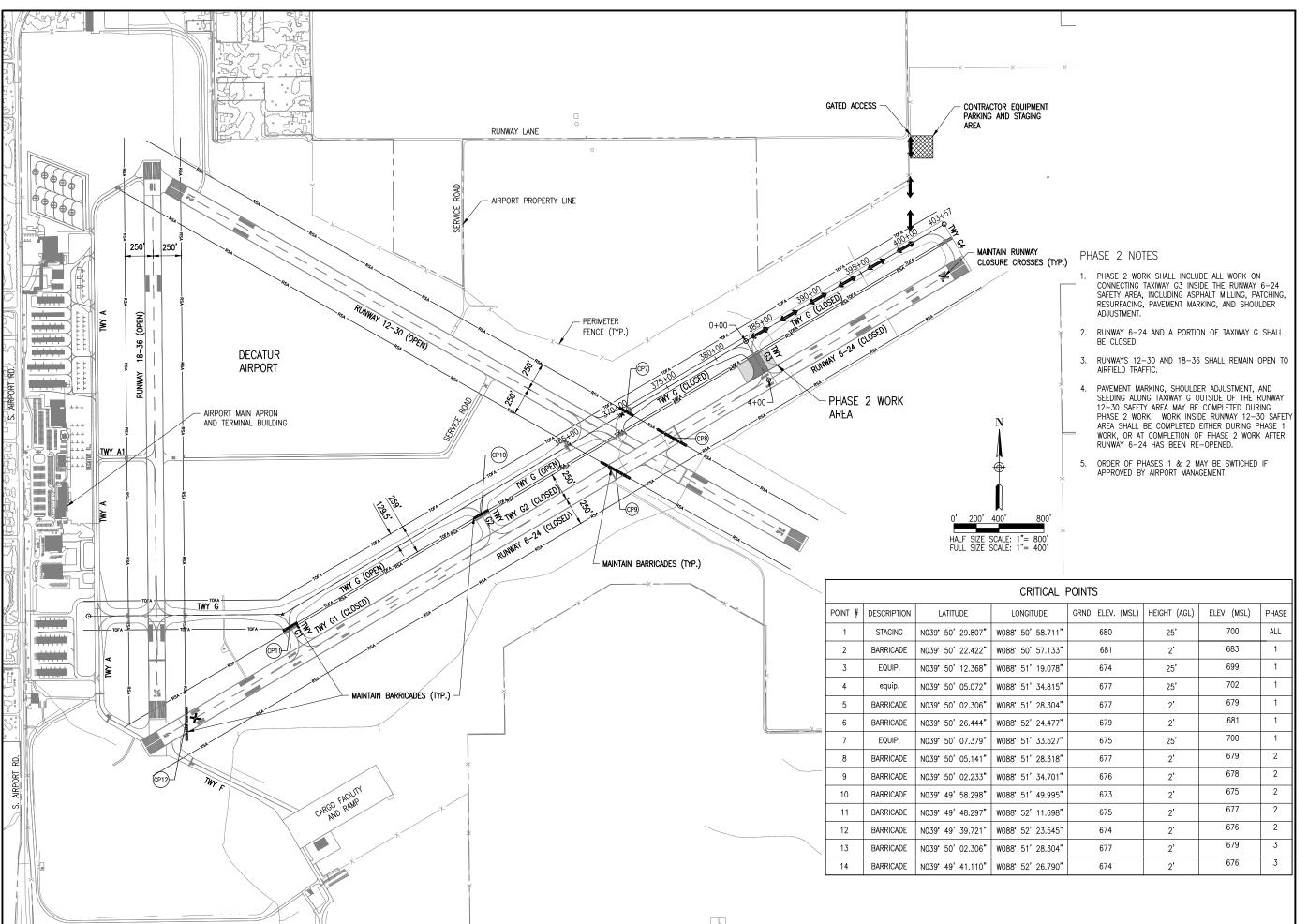
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	ISSUE: 11/16/2018				
	PROJECT NO: 18A0013				
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	DESIGN	BY: MJ	D 08/	13/201	8

DRAWN BY: MJD 08/13/2018 REVIEWED BY: KBS 10/25/18

SHEET TITLE

SAFETY PLAN -PHASE 1





Hanson Professional Services Inc. 1525 S. 6th Street Springfield, IL 62703 phone: 217-788-2450 fax: 217-788-2503

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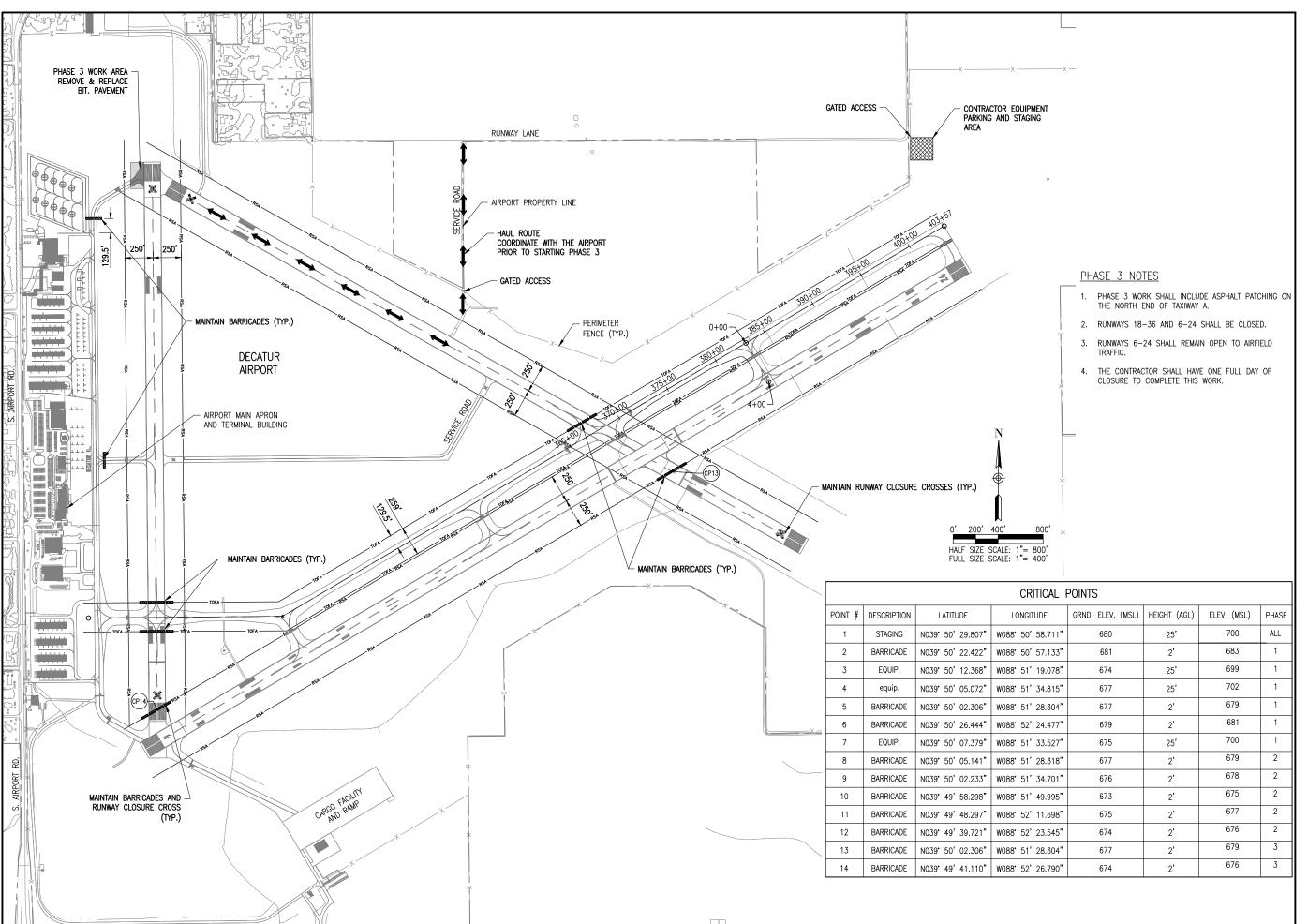
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ISSUE: 11/16/2018				
PROJECT NO: 18A0013				
CAD FILE: C-101-SFY.DWG				

DESIGN BY: MJD 08/13/2018 DRAWN BY: MJD 08/13/2018

REVIEWED BY: KBS 10/25/18

SHEET TITLE

SAFETY PLAN -PHASE 2





Hanson Professional Services Inc. 1525 S. 6th Street Springfield, IL 62703 phone: 217-788-2450 fax: 217-788-2503

Illinois Licensed Professional Service Corporation #184-001084



Decatur Park District Decatur Airport 910 South Airport Road Decatur, IL 62521

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DESIGN BY: MJD 08/13/2018	DESIGN	BY: MJ	D 08/	13/201	8

SHEET TITLE

SAFETY PLAN -PHASE 3

DRAWN BY: MJD 08/13/2018 REVIEWED BY: KBS 10/25/18

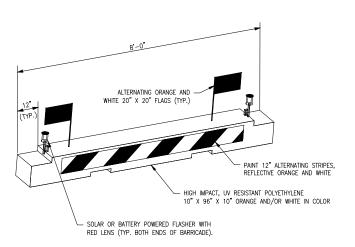


NOTES:

- 1. THE AIRPORT HAS FOUR LIGHTED RUNWAY CLOSURE MARKERS AVAILABLE FOR USE ON THIS PROJECT. THE WORK AND ASSOCIATED COSTS OF PLACING, OPERATING, MAINTAINING, AND REMOVING THE LIGHTED RUNWAY CLOSURE MARKERS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL RETURN THE AIRPORT—OWNED LIGHTED RUNWAY CLOSURE MARKERS IN THE SAME OR BETTER CONDITION THAN AT THE START OF CONSTRUCTION.
- 2. THE CONTRACTOR SHALL MAKE FREQUENT INSPECTION OF THE LIGHTED CROSSES AND MAKE PROMPT REPAIRS AS NECESSARY.
- 3. THE CONTRACTOR SHALL BE ON-CALL FOR 24-HOUR EMERGENCY MAINTENANCE WHEN LIGHTED CROSSES ARE BEING USED.
- 4. THE LIGHTED MARKERS SHALL BE PLACED OVER THE RUNWAY NUMERALS AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- 5. LIGHTED MARKERS SHALL BE SECURED FROM WIND EFFECTS BY THE CONTRACTOR AS RECOMMENDED BY THE MANUFACTURER.
- 6. THE LIGHTED MARKERS SHALL BE IN PLACE AND OPERATING WHENEVER THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED.

LIGHTED RUNWAY CLOSURE MARKER

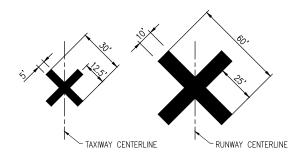
NOT TO SCALE



LOW PROFILE AIRCRAFT BARRICADE DETAIL

BARRICADE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT WITH A MAXIMUM SPACING OF 10' BETWEEN ENDS. BARRICADES ARE TO BE SET BACK 250' FROM THE ACTIVE RUNWAY CENTERLINE, 129.5' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
- 4. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
- 6. THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
- 7. COST FOR PROVIDING, PLACING, MAINTAINING, RELOCATING AND REMOVING BARRICADES SHALL BE INCLUDED IN THE TRAFFIC MAINTENANCE ITEM.



- 1. TEMPORARY CLOSURE CROSS MARKINGS SHALL BE "AVIATION YELLOW."
- 2. TEMPORARY CLOSURE CROSS MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAYEMENT BY SANDBAGS OR OTHER APPROVED METHOD.
- COST FOR PROVIDING, PLACING, MAINTAINING, RELOCATING AND REMOVING CLOSURE CROSSES SHALL BE INCLUDED IN THE COST OF THE MOBILIZATION ITEM.

CLOSURE CROSS MARKER DETAIL

NOT TO SCALE

SAFETY NOTES

- THE FOLLOWING NOTES ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT
 THIS PROJECT. ADDITIONAL REQUIREMENTS ARE SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET AND
 THIS SHEET.
- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2G (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, OR AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER/TECHNICIAN AT THE PRECONSTRUCTION CONFERENCE, OR DURING THE COURSE OF THE CONTRACT.
- 3. THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEFTS.
- 4. NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
- 5. CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRE-CONSTRUCTION CONFERENCE.
- 6. ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5D, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
- 7. NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE, WITHIN 129.5' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA (EX. TAXIWAY), OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
- 8. CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370–26, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370–26, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- 9. NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 129.5' OF ANY TAXIWAY CENTERLINE WILL BE PERMITTED UNLESS PROPERLY MARKED. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
- 10. OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
- 11. NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE AIRPORT UNLESS PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.
- 12. NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
- 13. SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEPT, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- 14. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS. STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM
- 15. ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- 16. CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AND CLOSURE CROSSES WHEN A RUNWAY/TAXIWAY/APRON IS CLOSED OR AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN.
- 17. CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- 18. THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
- CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- 20. CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
- 21. CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
- 22. THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST.
- 23. NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE RUNWAY, INCLUDING TURF RUNWAYS. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 129.5' OF ANY OTHER ACTIVE AIRPORT TAXIWAY OR APRON. HOWEVER, CONSTRUCTION MAY BE PERMITTED IN THESE AREAS IF THE CONTRACTOR HAS GAINED APPROVAL FROM THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE OF THE SCHEDULED CONSTRUCTION PERIOD AND THE OPERATIONAL AREA IS CLOSED TO TRAFFIC AND PROPER NOTAMS ARE ISSUED BY THE AIRPORT MANAGER TO THE APPROPRIATE FLIGHT SERVICE STATION.
- 24. UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.

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Offices Nationwide www.hanson-inc.com

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Illinois Licensed Professional Service Corporation #184-001084



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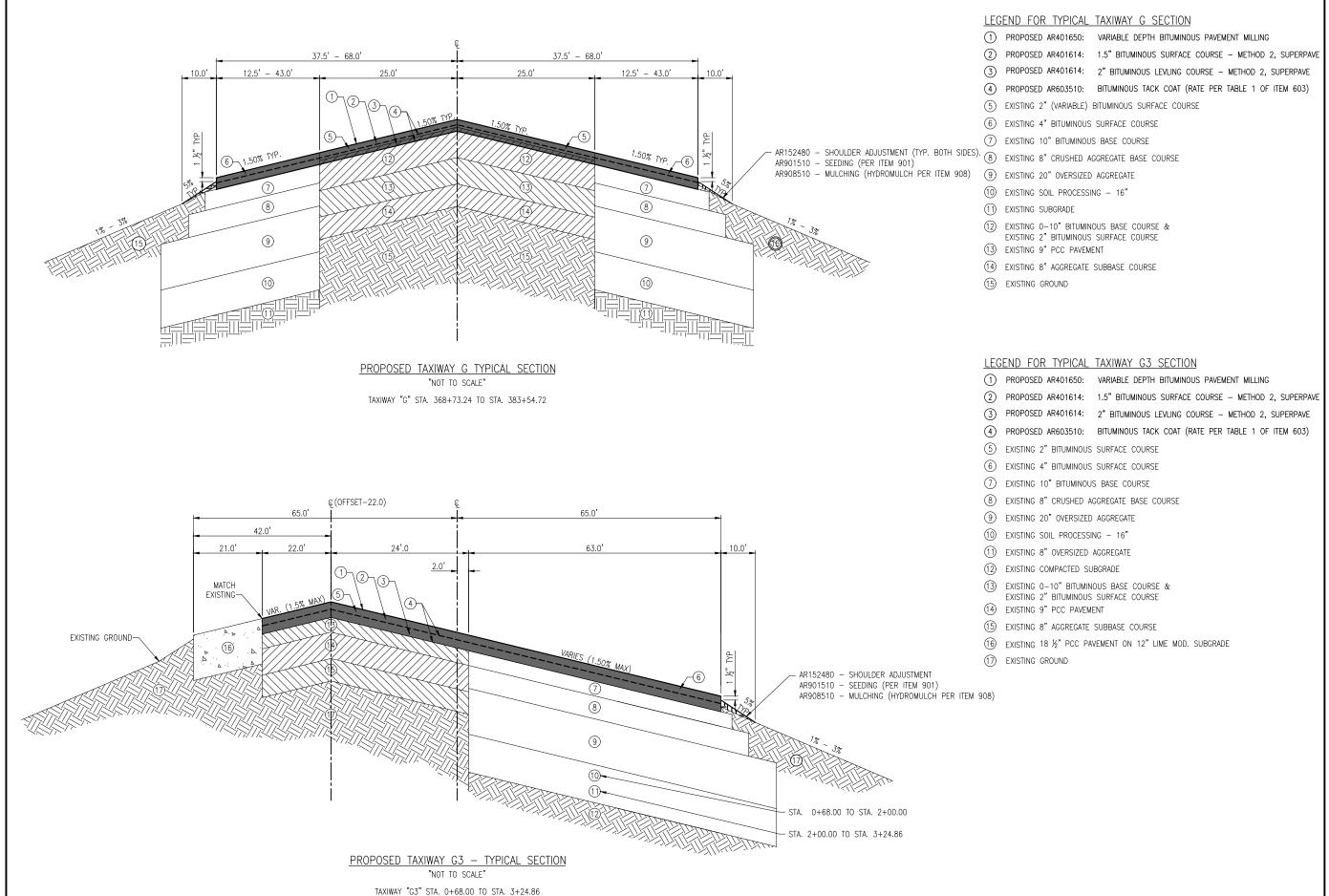
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SHEET TITLE

SAFETY NOTES AND DETAILS



NOTE: REFER TO CROSS-SECTIONS FOR EXISTING GRADES

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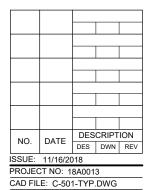


Decatur Park District Decatur Airport 910 South Airport Road Decatur, IL 62521

REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

IDA No: DEC-4663 FED No: 3-17-SBPG-144

Contract No. DE082



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DRAWN BY: MJD 08/27/2018
REVIEWED BY: KBS 10/25/18

SHEET TITLE

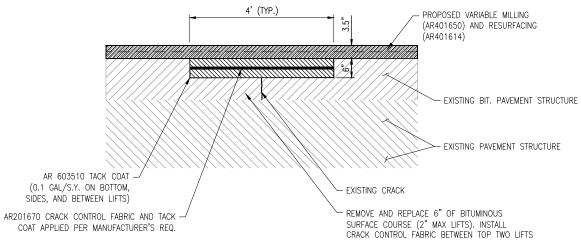
TYPICAL SECTIONS -SHEET 1

8

REMOVE AND REPLACE BITUMINOUS PAVEMENT - TAXIWAY A "NOT TO SCALE"

NOTES:

- THE PAVEMENT SURFACE SHOULD BE DRY, FREE OF DIRT AND LOOSE AGGREGATE PRIOR TO INSTALLING CRACK CONTROL FABRIC.
- ANY CRACKS THAT REMAIN AND ARE 1/4" OR GREATER SHALL BE CLEANED AND SEALED PER ITEM 201661



REMOVE AND REPLACE BITUMINOUS PAVEMENT - TAXIWAY G "NOT TO SCALE"

NOTES:

- THE PAVEMENT SURFACE SHOULD BE DRY, FREE OF DIRT AND LOOSE AGGREGATE PRIOR TO INSTALLING CRACK CONTROL FABRIC.
- ANY CRACKS THAT REMAIN AND ARE 1/4" OR GREATER SHALL BE CLEANED AND SEALED PER ITEM 201661

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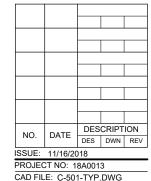


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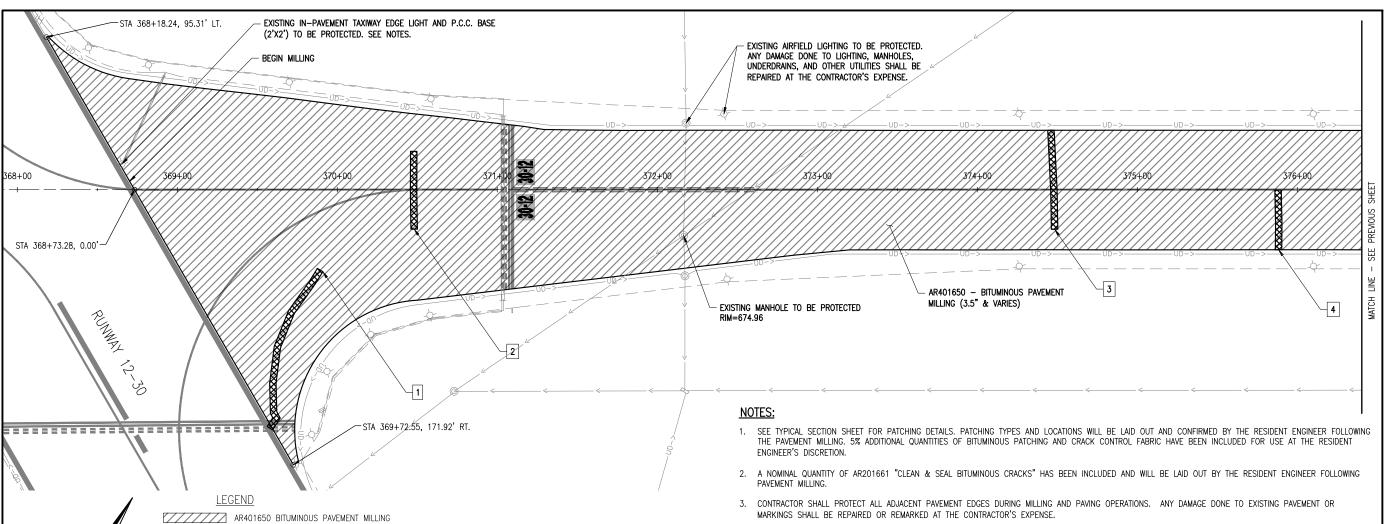


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SHEET TITLE

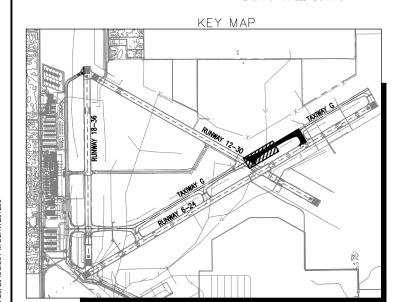
TYPICAL SECTIONS -SHEET 2



——-22——	EXISTING	STORM SEWER
———E———	EXISTING	ELECTRIC
	EXISTING	UNDERGROUND ELECTRI
——UD->—	EXISTING	UNDERDRAIN
□/∘	EXISTING	STORM INLET/MAHOLE
	EXISTING	AIRFIELD LIGHTING

EXISTING FENCE

AR401910 REMOVE AND REPLACE BITUMINOUS PAVEMENT



PATCHING SCHEDULE				
CRACK NO.	DIMENSIONS (WIDTH X LENGTH)	TOTAL (S.Y.)		
1	4' X 108'	48		
2	4' X 49'	22		
3	4' X 62'	28		
4	4' X 37'	16		
5	4' X71'	32		
6	4' X 50'	22		
7	4' X 196'	87		
8	4' X 19'	8		
9	4' X 15'	7		
10	4' X 23'	10		
11	4' X 65'	29		
SUPP.		51		
	TOTAL	360		

	PATCHING SCHEDU	JLE	THE MOOS ENERGY (LOOKOSY) MOOSY).
CRACK NO.	DIMENSIONS (WIDTH X LENGTH)	TOTAL (S.Y.)	6. CONTRACTOR SHALL EXAMINE THE SITE TO CONFIRM AND FIELD VERIFY EXISTING SITE CONDITIONS. CONTRACTOR SHALL FIELD VERIFY RESPECTIVE CIRCUITS AND POWER SOURCES PRIOR TO REMOVING, DISCONNECTING, WORKING ON, RELOCATING, RECONNECTING, AND/OR INSTALLING THE RESPECTIVE AIRFIELD LIGHTING, TAXI SIGN, NAVAD, OR OTHER DEVICES. CONTRACTOR SHALL REPORT ANY VARIATIONS, DEFICIENCIES, AND/OR APPARENT SAFETY CONCERNS TO THE RESIDENT
1	4' X 108'	48	ENGINEER/TECHNICIAN.
2	4' X 49'	22	7. THE RESPECTIVE PERSONNEL PERFORMING AIRFIELD LIGHTING WORK, VAULT WORK, AND/OR TESTS SHALL BE FAMILIAR WITH, AND QUALIFIED TO WORK ON, 5000
3	4' X 62'	28	VOLT AIRFIELD LIGHTING SERIES CIRCUITS, CONSTANT CURRENT REGULATORS, AND ASSOCIATED AIRPORT ELECTRICAL VAULT EQUIPMENT.
4	4' X 37'	16	8. CONTRACTOR SHALL EXERCISE CAUTION, PRACTICE SAFETY, AND DISCONNECT THE SERIES CIRCUITS FROM THE RESPECTIVE CONSTANT CURRENT REGULATORS, AS
5	4' X71'	32	APPLICABLE WHEN PERFORMING WORK ON THE AIRFIELD LIGHTING OR WORK THAT MIGHT AFFECT THE AIRFIELD LIGHTING. CONTRACTOR SHALL MAKE NECESSARY
6	4' X 50'	22	ARRANGEMENTS TO DISCONNECT POWER AND LOCKOUT CIRCUITS FOR PROTECTION OF PERSONNEL.
7	4' X 196'	87	9. PROTECT EXISTING AIRFIELD LIGHTING FIXTURES AND CIRCUITS DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE PROTECTIVE MEASURES FOR AIRFIELD LIGHTING,
8	4' X 19'	8	SIGNS, NAVAIDS, AND OTHER DEVICES TO AVOID DAMAGE DURING CONSTRUCTION.
9	4' X 15'	7	10. FAA AC 150/5370-10G "STANDARDS FOR SPECIFYING CONSTRUCTION OF AIRPORTS". ITEM L-108 "UNDERGROUND POWER CABLE FOR AIRPORTS". REQUIRES THAT EVERY
10	4' X 23'	10	AIRFIELD LIGHTING CABLE SPLICER SHALL BE QUALIFIED IN MAKING CABLE SPLICES AND TERMINATIONS ON CABLES RATED ABOVE 5,000 VOLTS AC. CABLE
11	4' X 65'	29	SPLICING/TERMINATING PERSONNEL SHALL HAVE A MINIMUM OF THREE (3) YEARS CONTINUOUS EXPERIENCE IN TERMINATING/SPLICING MEDIUM VOLTAGE CABLE.
SUPP.		51	11. OTHER CONSTRUCTION PROJECTS MIGHT BE IN PROGRESS AT THE AIRPORT AT THE SAME TIME AS THIS PROJECT. THE CONTRACTOR WILL BE REQUIRED TO
	TOTAL	360	COOPERATE WITH ALL OTHER CONTRACTORS AND THE AIRPORT MANAGER IN THE COORDINATION OF THE WORK

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REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

IDA No: DEC-4663 FED No: 3-17-SBPG-144

Contract No. DE082

	DATE	DES	CRIPT	ION
NO.	DATE	DES	DWN	REV
ISSUE:	11/16/20)18		

CAD FILE: C-102-PRP.DWG

DESIGN BY: MJD DRAWN BY: MJD

REVIEWED BY: KBS 10/25/18

SHEET TITLE

PROPOSED REMOVAL PLAN -SHEET 1

PATCHING SCHEDULE				
CRACK NO.	DIMENSIONS (WIDTH X LENGTH)	TOTAL (S.Y.)		
1	4' X 108'	48		
2	4' X 49'	22		
3	4' X 62'	28		
4	4' X 37'	16		
5	4' X71'	32		
6	4' X 50'	22		
7	4' X 196'	87		
8	4' X 19'	8		
9	4' X 15'	7		
10	4' X 23'	10		
11	4' X 65'	29		
SUPP.		51		

13. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF FAA AC NO. 150/5370-2G (OR MOST CURRENT ISSUE) "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".

14. CONTRACTOR SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF NFPA 70E - STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE.

4. ALL MILLED MATERIAL SHALL BE HAULED OFFSITE UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.

HAZARDOUS ENERGY (LOCKOUT/TAGOUT).

BE SHUT OFF.

5. ALL WORK, POWER OUTAGES, AND/OR SHUT DOWN OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE AIRPORT MANAGER/DIRECTOR AND RESIDENT

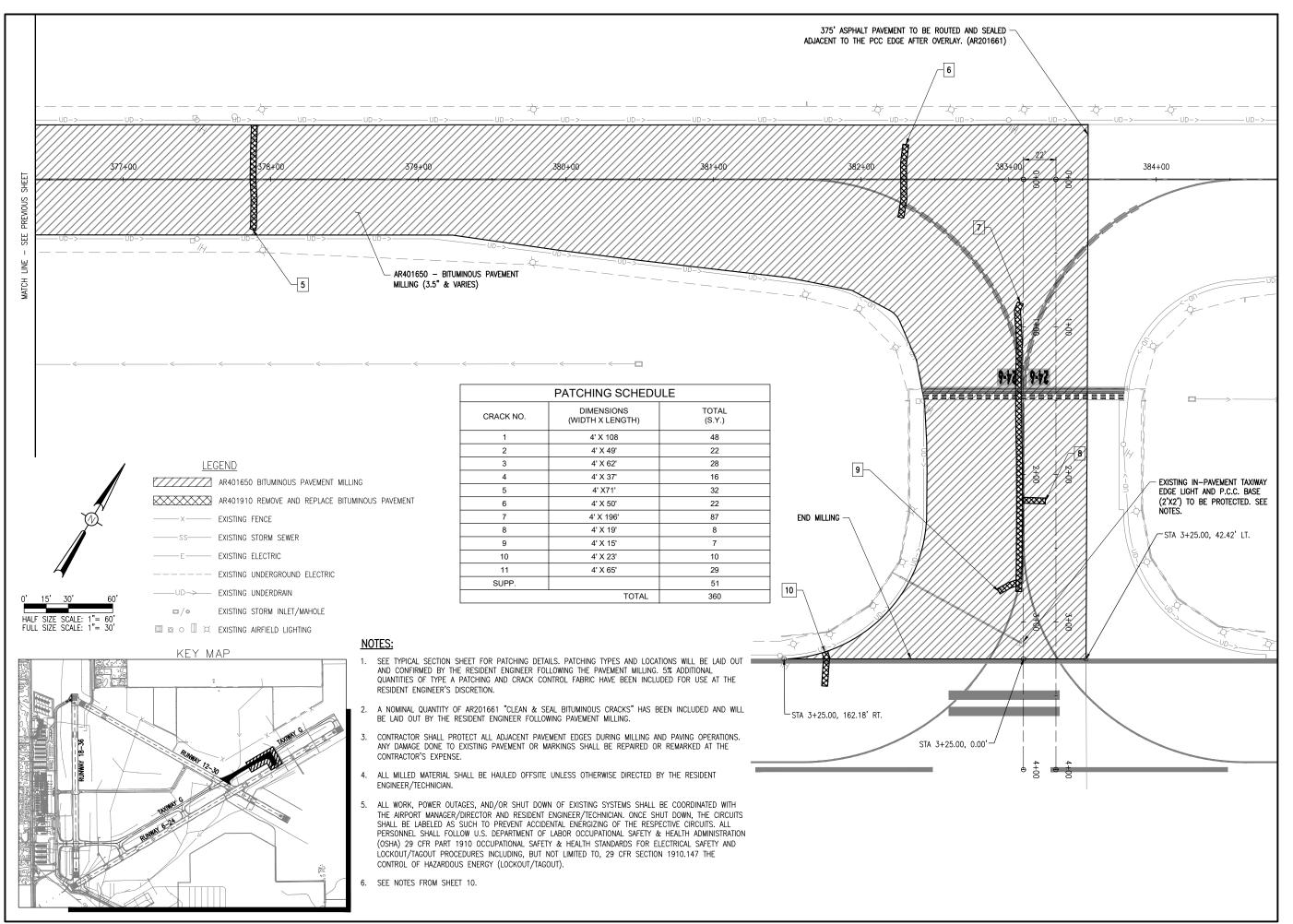
ENGINEER/TECHNICIAN. ONCE SHUT DOWN, THE CIRCUITS SHALL BE LABELED AS SUCH TO PREVENT ACCIDENTAL ENERGIZING OF THE RESPECTIVE CIRCUITS. ALL PERSONNEL SHALL FOLLOW U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) 29 CFR PART 1910 OCCUPATIONAL SAFETY & HEALTH STANDARDS FOR ELECTRICAL SAFETY AND LOCKOUT/TAGOUT PROCEDURES INCLUDING, BUT NOT LIMITED TO, 29 CFR SECTION 1910.147 THE CONTROL OF

12. OBTAIN APPROVAL FROM THE AIRPORT MANAGER PRIOR TO SHUTTING DOWN A RUNWAY OR TAXIWAY. WHEN A RESPECTIVE RUNWAY IS CLOSED THE RESPECTIVE RUNWAY LIGHTING AND NAVAIDS FOR THAT RUNWAY SHALL BE SHUT OFF. WHEN A RESPECTIVE TAXIWAY IS CLOSED THE RESPECTIVE TAXIWAY LIGHTING FOR THAT TAXIWAY SHALL

15. WHEN A RESPECTIVE RUNWAY IS CLOSED THE NAVAIDS FOR THAT RUNWAY SHALL BE SHUT OFF.

COOPERATE WITH ALL OTHER CONTRACTORS AND THE AIRPORT MANAGER IN THE COORDINATION OF THE WORK.

16. NO CONNECTION TO AN ACTIVE LIGHTING CIRCUIT WILL BE BROKEN UNTIL THE CIRCUIT HAS BEEN TURNED OFF IN ACCORDANCE WITH NOTE 5





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REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

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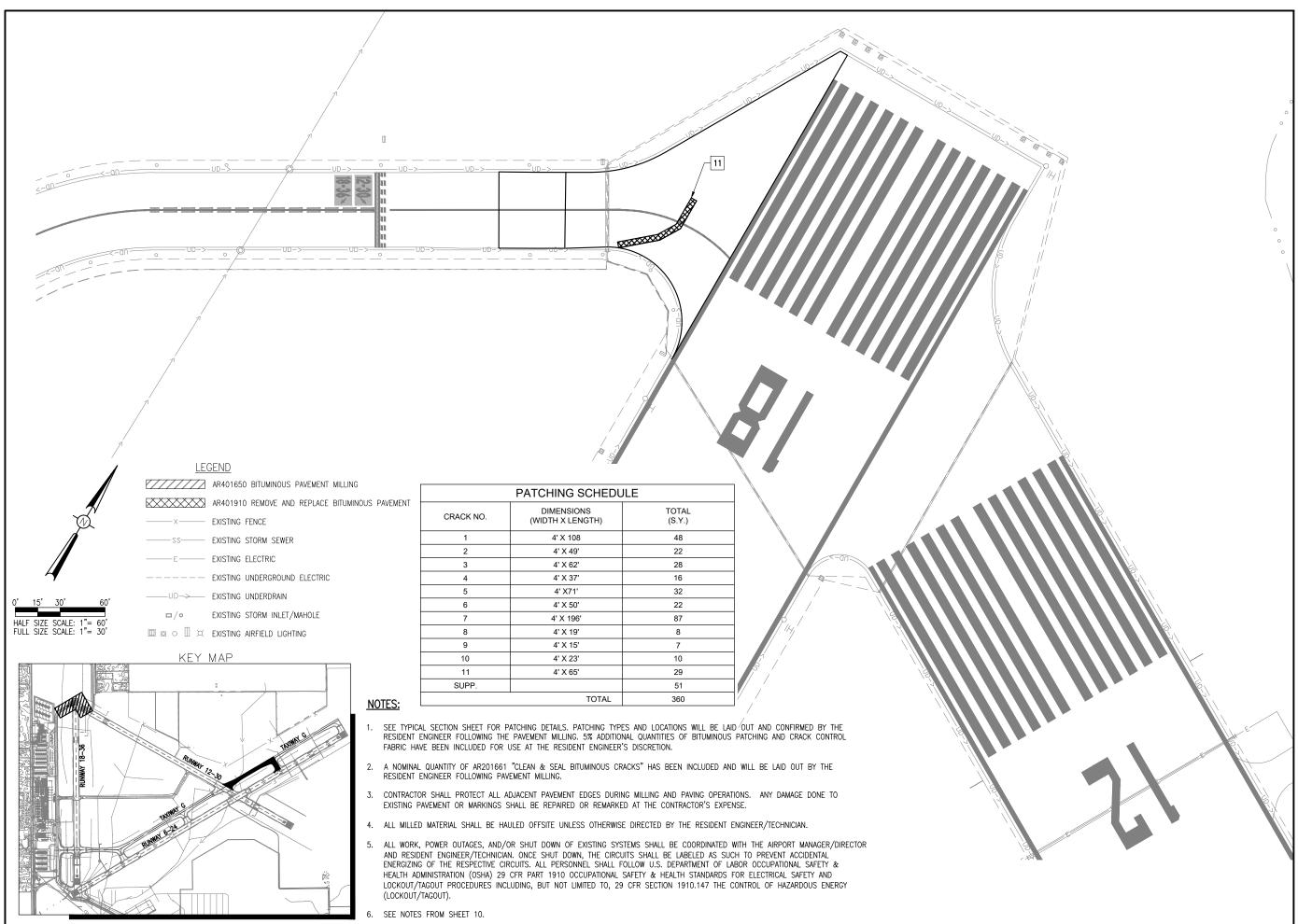
	NO.	DATE	DESCRIPTION		ION
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ISSUE: 11/16/2018					
PROJECT NO: 18A0013					

CAD FILE: C-102-PRP.DWG
DESIGN BY: MJD

DRAWN BY: MJD
REVIEWED BY: KBS 10/25/18

SHEET TITLE

PROPOSED REMOVAL PLAN -SHEET 2





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	ISSUE: 11/16/2018				
i	PROJECT NO: 18A0013				

DESIGN BY: MJD
DRAWN BY: MJD

REVIEWED BY: KBS 10/25/18

CAD FILE: C-102-PRP.DWG

SHEET TITLE

PROPOSED REMOVAL PLAN -SHEET 3



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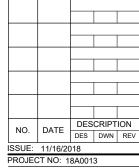


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REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

IDA No: DEC-4663 FED No: 3-17-SBPG-144

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SHEET TITLE

PROPOSED PLAN AND PROFILE TWY G - SHEET 1



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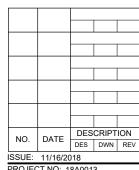


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REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

IDA No: DEC-4663 FED No: 3-17-SBPG-144

Contract No. DE082

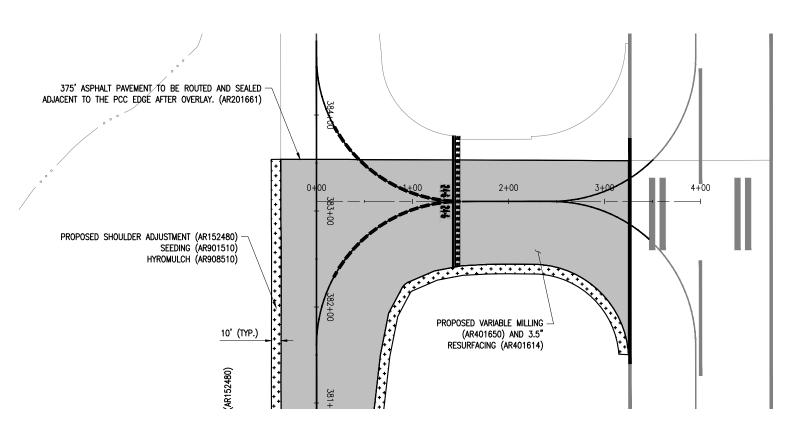


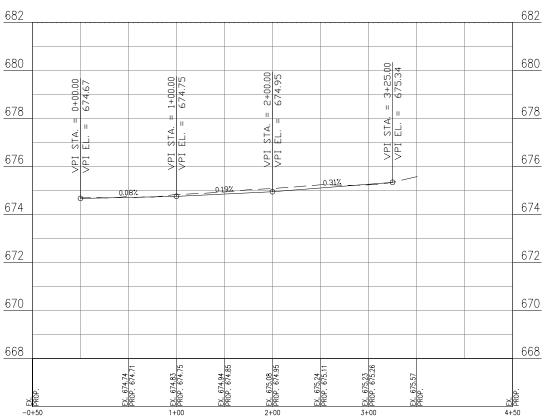
PROJECT NO: 18A0013

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SHEET TITLE

PROPOSED PLAN AND PROFILE TWY G - SHEET 2





TWY G3



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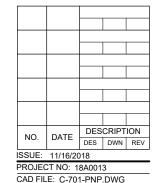
Decatur Park District Decatur Airport 910 South Airport Road Decatur, IL 62521

REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

HALF SIZE SCALE: 1"= 100 FULL SIZE SCALE: 1"= 50'

> IDA No: DEC-4663 FED No: 3-17-SBPG-144

Contract No. DE082

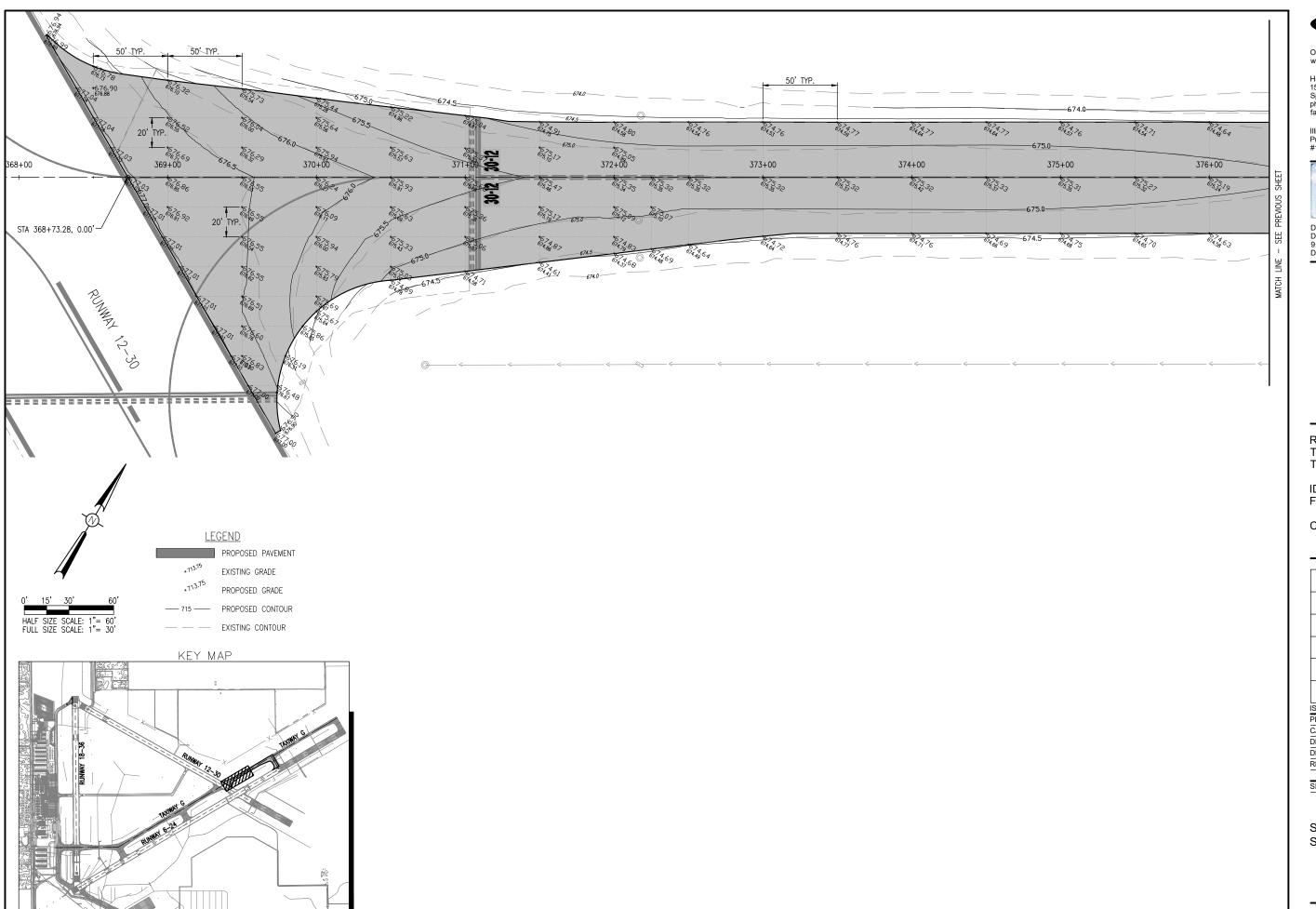


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SHEET TITLE

PROPOSED PLAN AND PROFILE TAXIWAY G3





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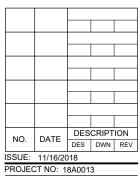


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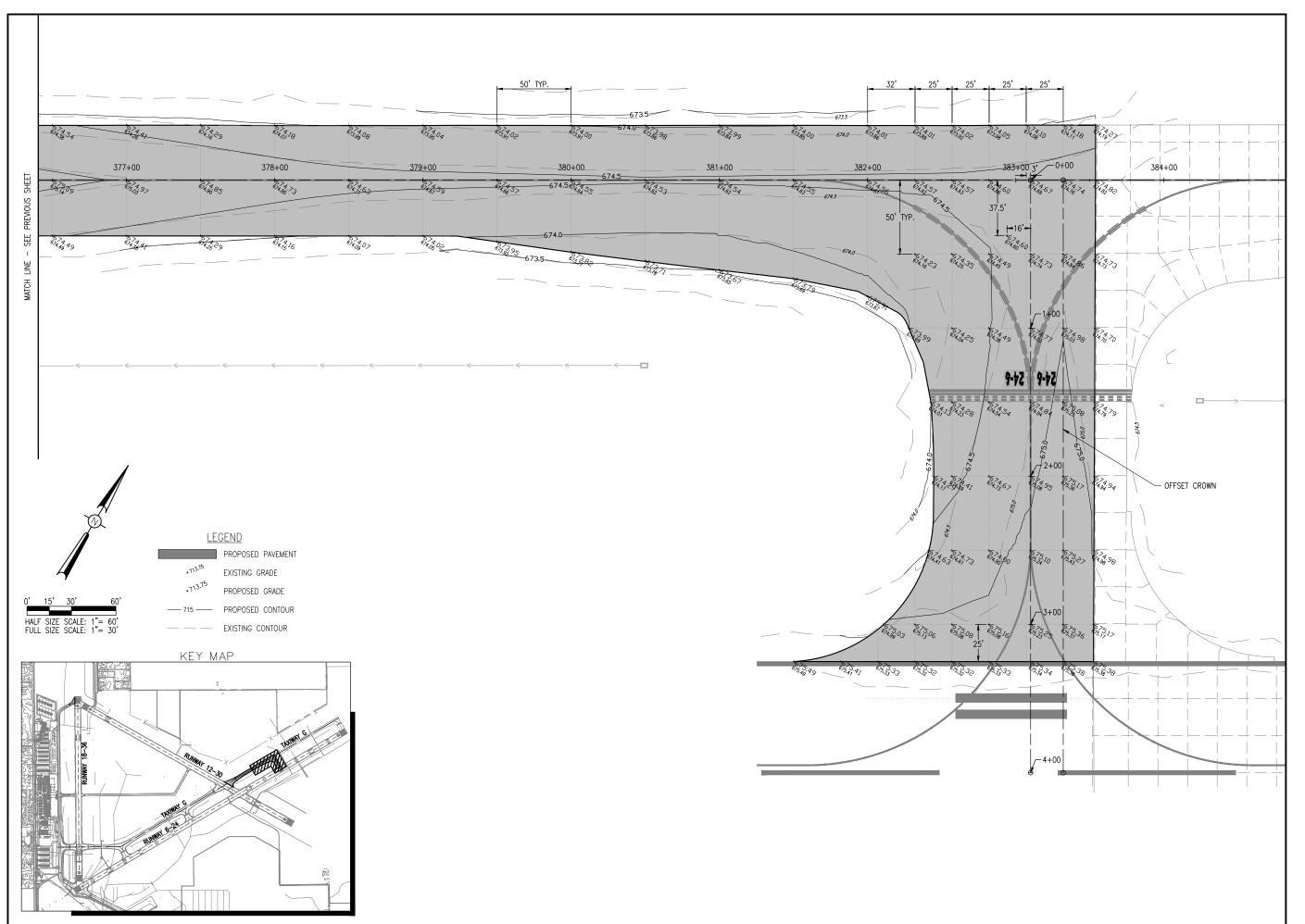


CAD FILE: C-103-STAKE.DWG

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SHEET TITLE

STAKING PLAN -SHEET 1



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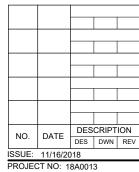


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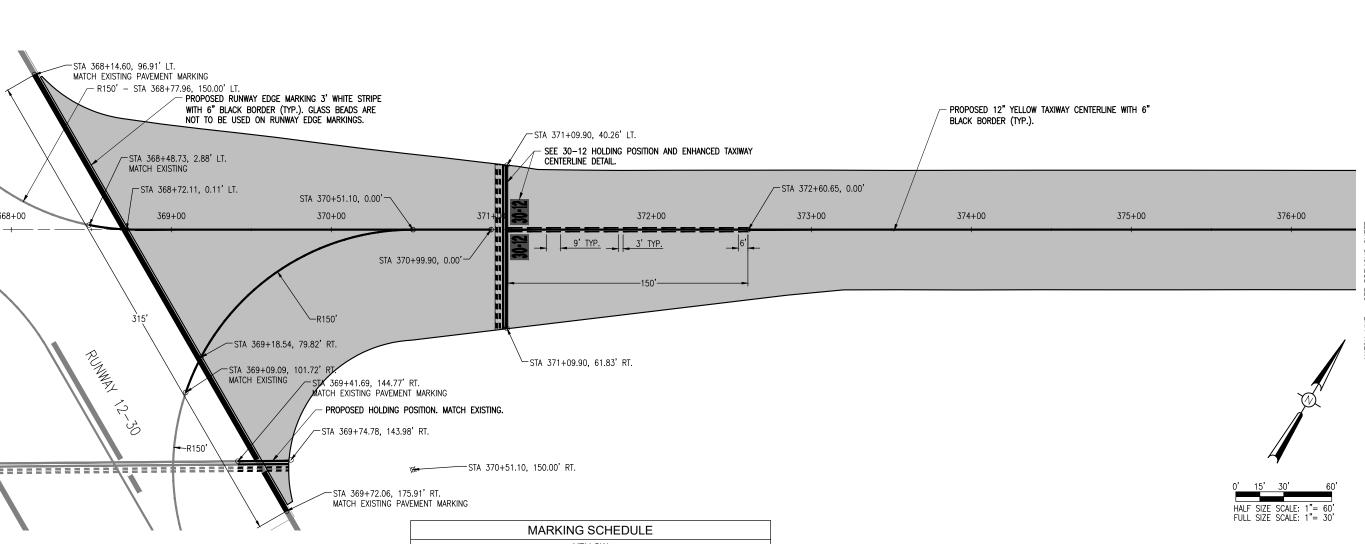


CAD FILE: C-103-STAKE.DWG

DESIGN BY: MJD 10/25/18 DRAWN BY: MJD 10/25/18 REVIEWED BY: KBS 10/25/18

SHEET TITLE

STAKING PLAN -SHEET 2



KEY MAP	
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MARKING SCHEDULE	
YELLOW	
DESCRIPTION	TOTAL AREA (S.F.)
TAXIWAY CENTERLINES (INCLUDE ENHANCED)	2983
12-30 HOLDING POSITION (PARTIAL)	97
24-6 HOLDING POSITION	308
30-12 HOLDING POSITION	420
TOTAL YELLOW	3,998
WHITE	
RUNWAY EDGE MARKING	1623
24-6 HOLDING POSITION SIGNS	70
30-12 HOLDING POSITION SIGNS	82
TOTAL WHITE	1,775
BLACK	
TAXIWAY CENTERLINES (INCLUDE ENHANCED)	3656
RUNWAY EDGE MARKING	541
12-30 HOLDING POSITION (PARTIAL)	158
24-6 HOLDING POSITION	680
30-12 HOLDING POSITION	518
24-6 HOLDING POSITION SIGNS	54
30-12 HOLDING POSITION SIGNS	58
TOTAL BLACK	5,665
RED	
24-6 HOLDING POSITION SIGNS	330
30-12 HOLDING POSITION SIGNS	370
TOTAL RED	700
TOTAL PAVEMENT MARKING WATERBORNE (+5%)	6,597
TOTAL PAVEMENT MARKING-BLACK BORDER (+5%)	5,948

620 - WATERBORNE PAVEMENT MARKING NOTES

- PAVEMENT MARKINGS WILL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED IN THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1 2012
- 2. PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.
- WATERBORNE BLACK PAINT SHALL BE USED TO OUTLINE A MINIMUM 6-INCH BORDER AROUND ALL MARKINGS.
- 4. GLASS BEADS SHALL BE APPLIED ON THE SECOND COAT OF MARKING. GLASS BEADS SHALL NOT BE APPLIED TO BLACK PAINT OR RUNWAY EDGE MARKINGS.
- 5. GLASS BEADS APPLICATION RATE ON RED PAINT SHALL BE REDUCED BY 2 LBS/GALLON.
- 6. CUT-OFF SHEETS WILL BE REQUIRED TO ENSURE STRAIGHT EDGES.
- 7. THE CONTRACTOR WILL BE RESPONSIBLE FOR RE-MARKING ANY MARKINGS DAMAGED BY CONSTRUCTION ACTIVITIES THAT ARE OUTSIDE OF THE PROPOSED WORK LIMITS.
- 8. ANY REQUIRED PAINT REMOVAL WILL BE INCIDENTAL TO AR620520 AND AR620525



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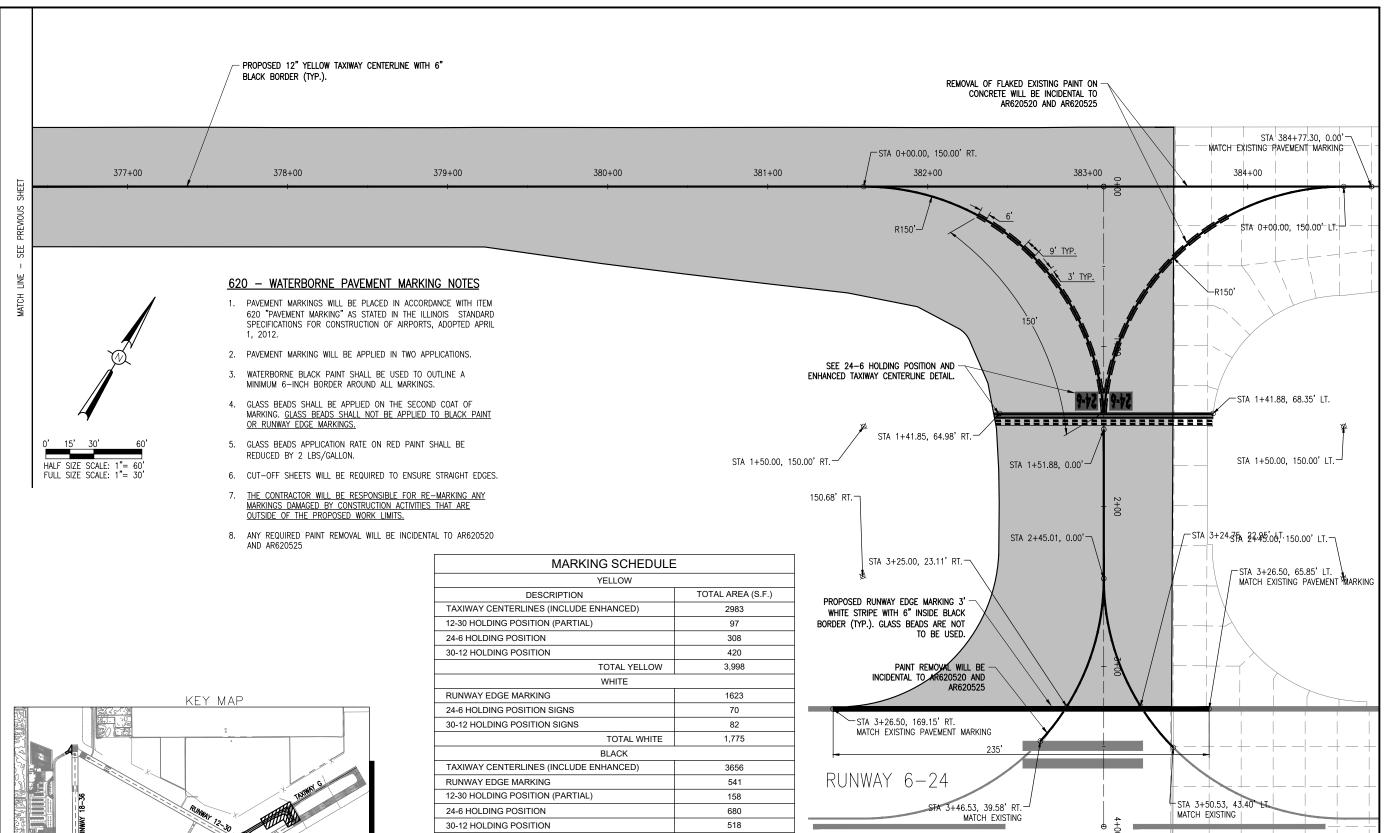
Contract No. DE082

NO.	DATE	DESCRIPTION			
INO.	DATE	DES	DWN	REV	
ISSUE: 11/16/2018					
PROJEC	CT NO: 1	8A001	3		

CAD FILE: C-105-MRK.DWG
DESIGN BY: MJD 10/22/2018
DRAWN BY: MJD 10/22/2018
REVIEWED BY: KBS 10/25/18

SHEET TITLE

PROPOSED MARKING PLAN - SHEET 1



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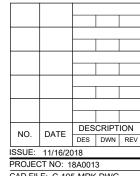


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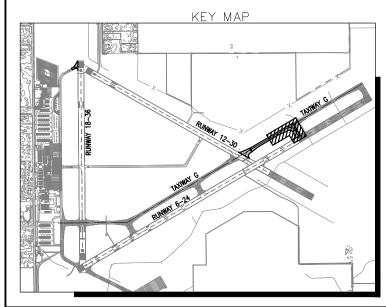


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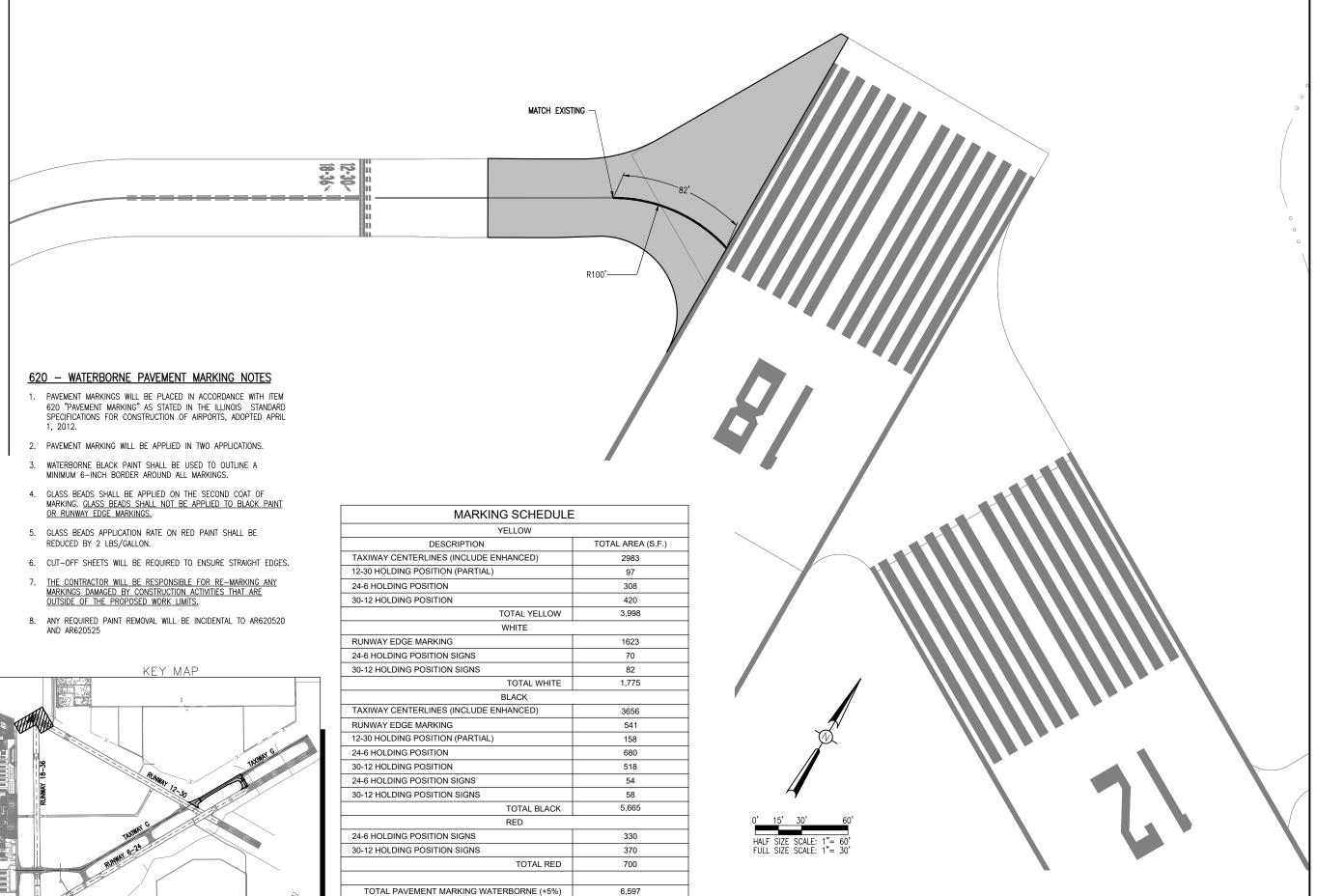
DESIGN BY: MJD 10/22/2018 DRAWN BY: MJD 10/22/2018 REVIEWED BY: KBS 10/25/18

SHEET TITLE

PROPOSED MARKING PLAN - SHEET 2



YELLOW	
DESCRIPTION	TOTAL AREA (S.F.)
TAXIWAY CENTERLINES (INCLUDE ENHANCED)	2983
12-30 HOLDING POSITION (PARTIAL)	97
24-6 HOLDING POSITION	308
30-12 HOLDING POSITION	420
TOTAL YELLOW	3,998
WHITE	
RUNWAY EDGE MARKING	1623
24-6 HOLDING POSITION SIGNS	70
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TOTAL RED	700
TOTAL PAVEMENT MARKING WATERBORNE (+5%)	6,597
TOTAL PAVEMENT MARKING-BLACK BORDER (+5%)	5,948



5,948

TOTAL PAVEMENT MARKING-BLACK BORDER (+5%)



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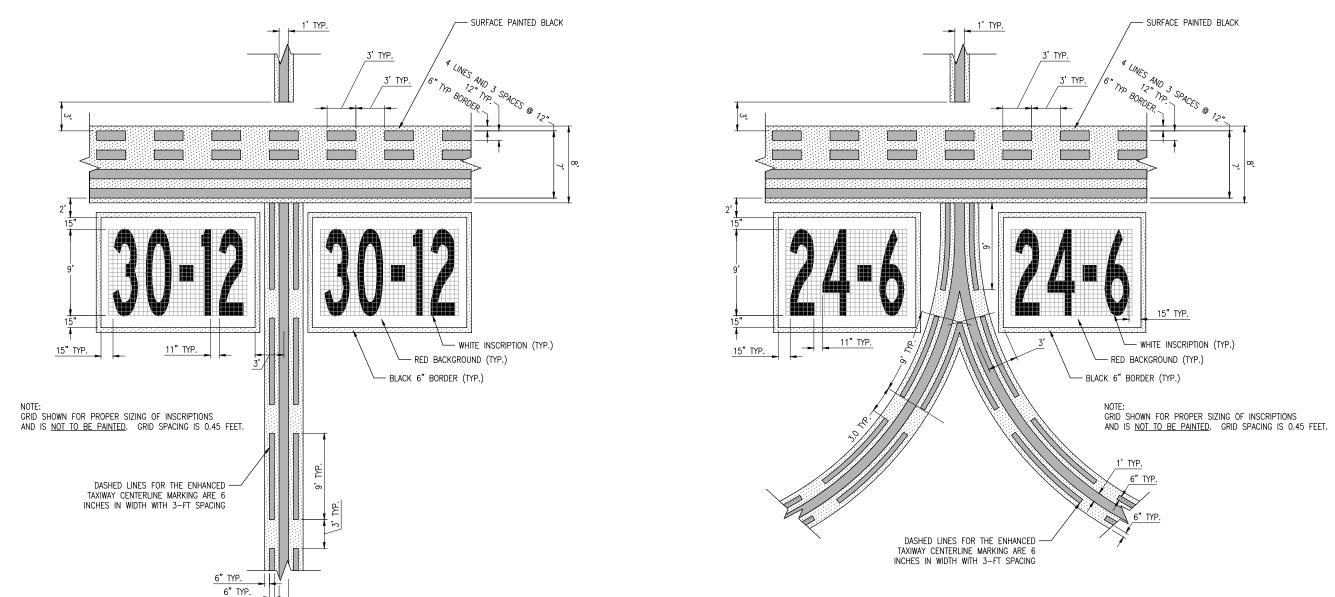
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SHEET TITLE

PROPOSED MARKING PLAN - SHEET 3



24-6 HOLDING POSITION AND ENHANCED TAXIWAY CENTERLINE DETAIL NOT TO SCALE

ENHANCED TAXIWAY CENTERLINE MARKINGS

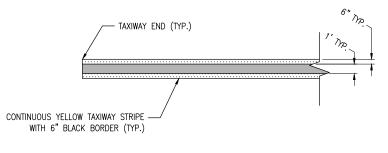
- TAXIWAY CENTERLINE MARKINGS SHALL BE YELLOW IN COLOR AND OUTLINED IN BLACK.
- 2. TAXIWAY CENTERLINE MARKINGS SHALL BE ENHANCED FOR 150-FT PRIOR TO A RUNWAY HOLDING POSITION MARKING UNLESS OTHERWISE NOTED. FOR A CURVED TAXIWAY CENTERLINE, MEASUREMENTS SHALL BE TAKEN ALONG THE CENTERLINE.

1' TYP.

30-12 HOLDING POSITION AND ENHANCED TAXIWAY CENTERLINE DETAIL

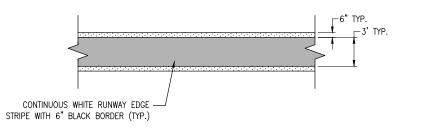
NOT TO SCALE

- 3. DASHES ON EITHER SIDE OF THE TAXIWAY CENTERLINE MUST BE ALIGNED, STARTING AND STOPPING WITH DASHES ON THE OPPOSITE SIDE OF THE CENTERLINE. TO ALIGN DASHES ON A CURVED TAXIWAY CENTERLINES, THE MEASUREMENTS FOR THE DASHES AND GAPS SHALL BE MADE AT THE CENTERLINE AND EXTENDED PERPENDICULAR FROM THE CENTERLINE TO OBTAIN DASH LOCATIONS.
- 4. DASHED LINES FOR TAXIWAY CENTERLINE MARKINGS ARE 6 INCHES IN WIDTH AND SEPARATED 6 INCHES FROM THE TAXIWAY CENTERLINE.
- 5. AS DEPICTED, V-SHAPED INNER DASHES START AND STOP WITH THE OUTSIDE 9-FOOT DASHES. PARTIAL INNER DASHED LINES LESS THAN 5 FEET AT THE POINT OF CONVERGENCE MAY BE OMITTED.



TAXIWAY CENTERLINE DETAIL

NOT TO SCALE



NOTE: GLASS BEADS SHALL NOT BE USED IN RUNWAY EDGE MARKINGS. INCLUDES BOTH BLACK AND WHITE MARKING..

RUNWAY EDGE STRIPE DETAIL

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Illinois Licensed Professional Service Corporation #184-001084



Decatur Park District Decatur Airport 910 South Airport Road Decatur, IL 62521

REHABILITATE NORTH TAXIWAY G AND TAXIWAY A

IDA No: DEC-4663 FED No: 3-17-SBPG-144

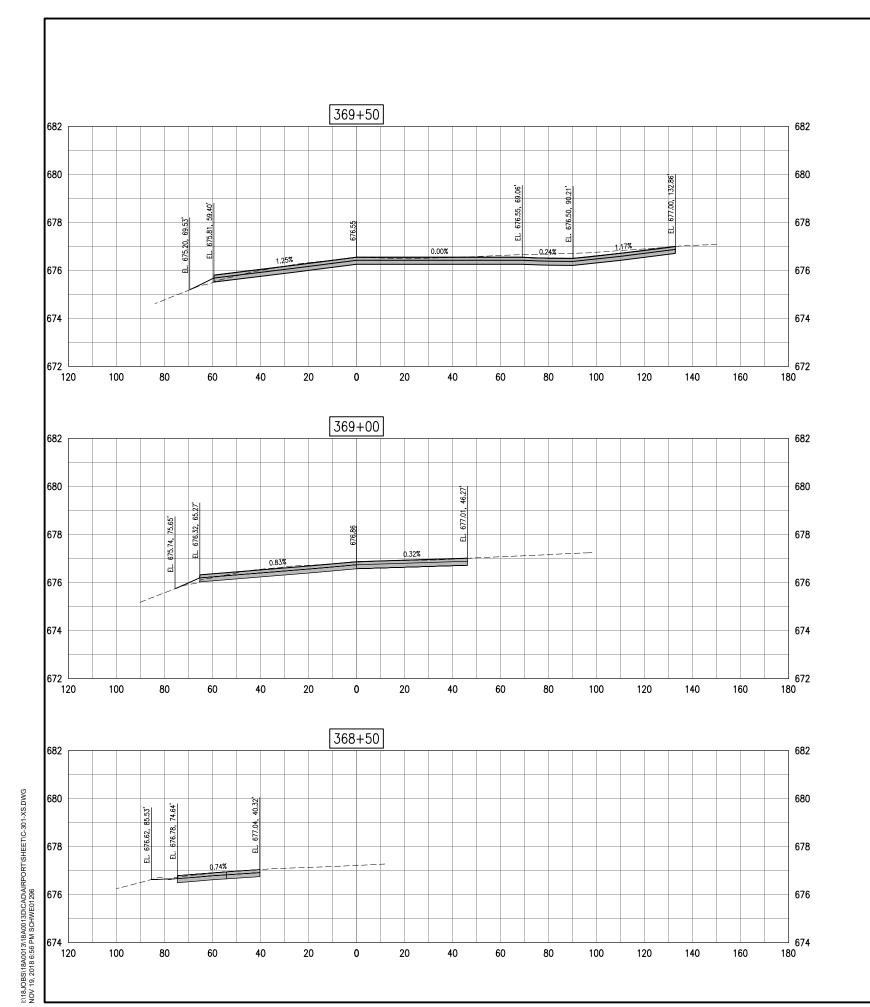
Contract No. DE082

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	CAD FIL	E: C-10	5-MRK	.DWG	
i	DESIGN BY: MJD 10/12/2018				
į	DRAWN	BY: MJ	0 10/1	2/2018	3

MARKING DETAILS

REVIEWED BY: KBS 10/25/18

SHEET TITLE





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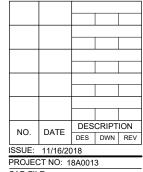


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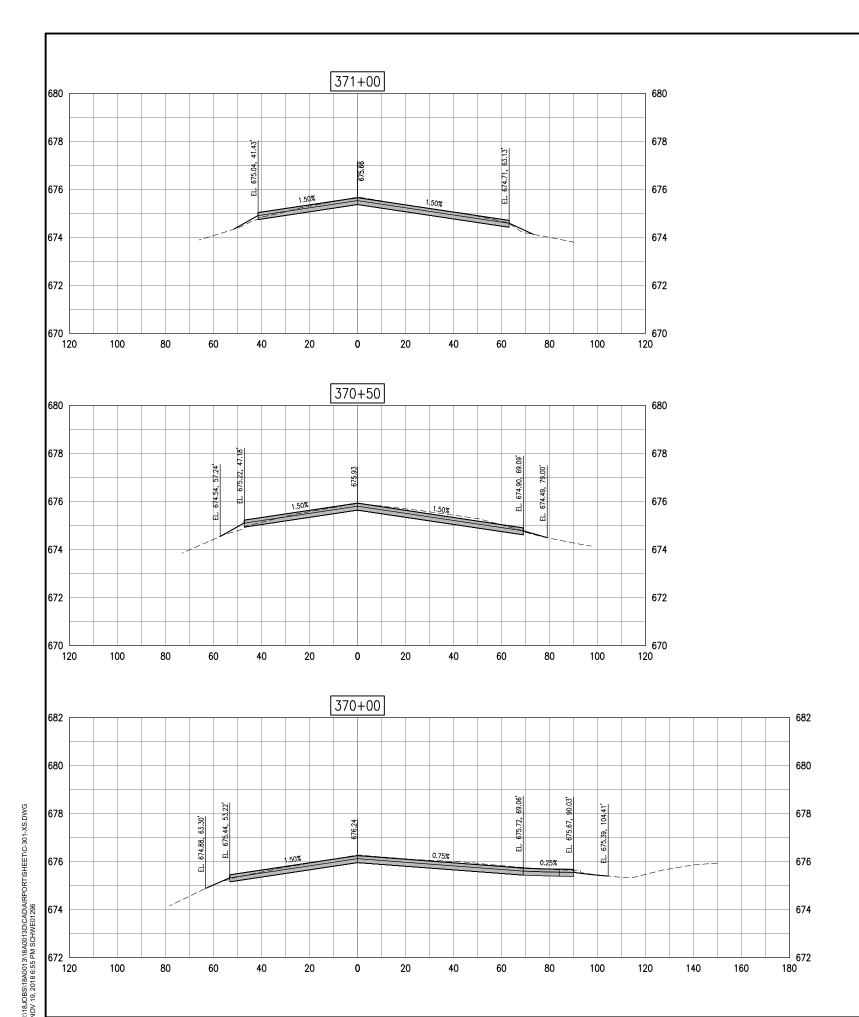
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CAD FILE: C-301-XS.DWG

DESIGN BY: KBS 10/22/2018 DRAWN BY: RAD 10/23/2018 REVIEWED BY: KBS 10/25/18

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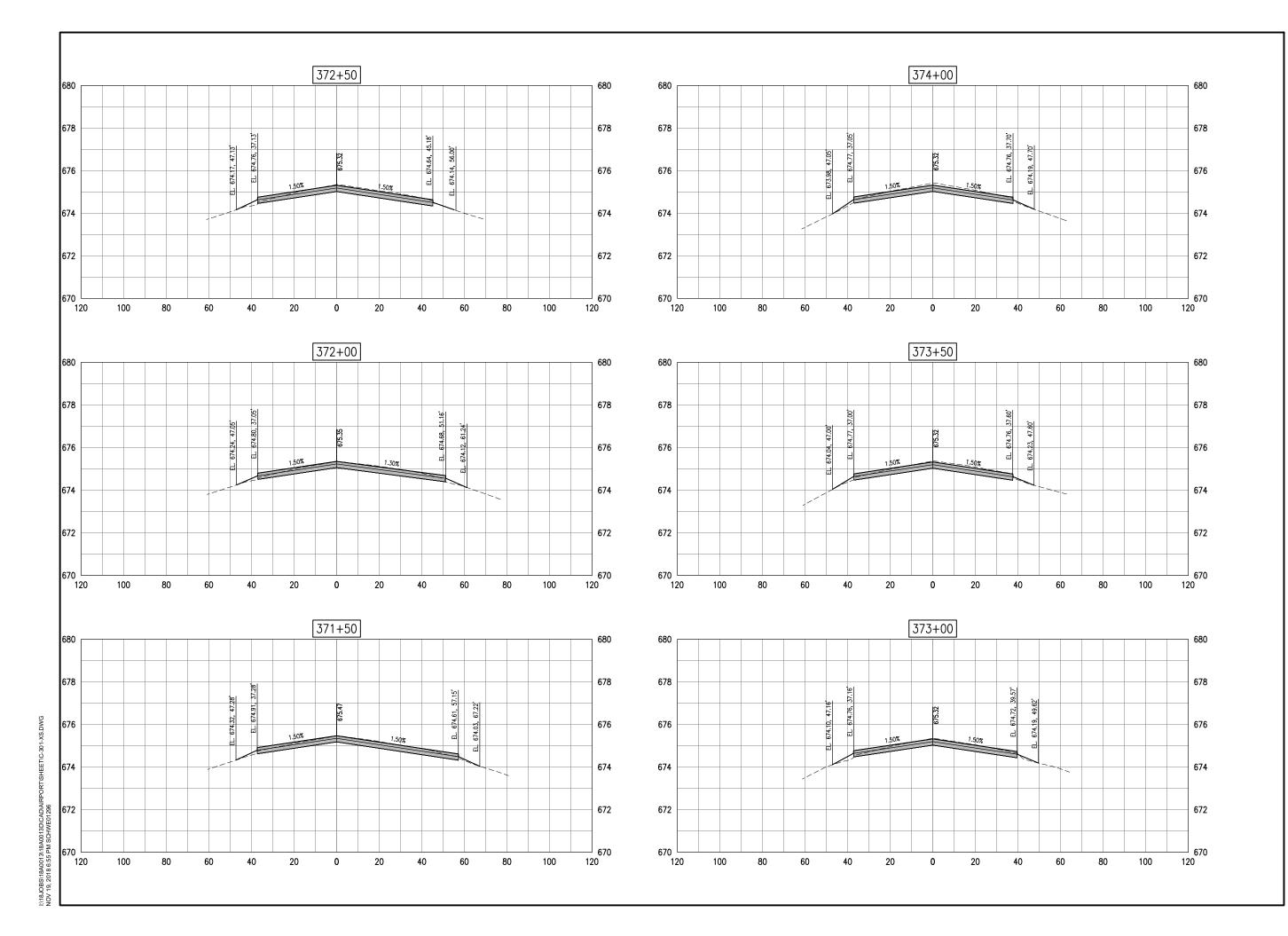
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	NO. DATE	DATE	DES	DWN	REV
	ISSUE: 11/16/2018				
i	PROJECT NO: 18A0013				

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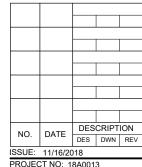


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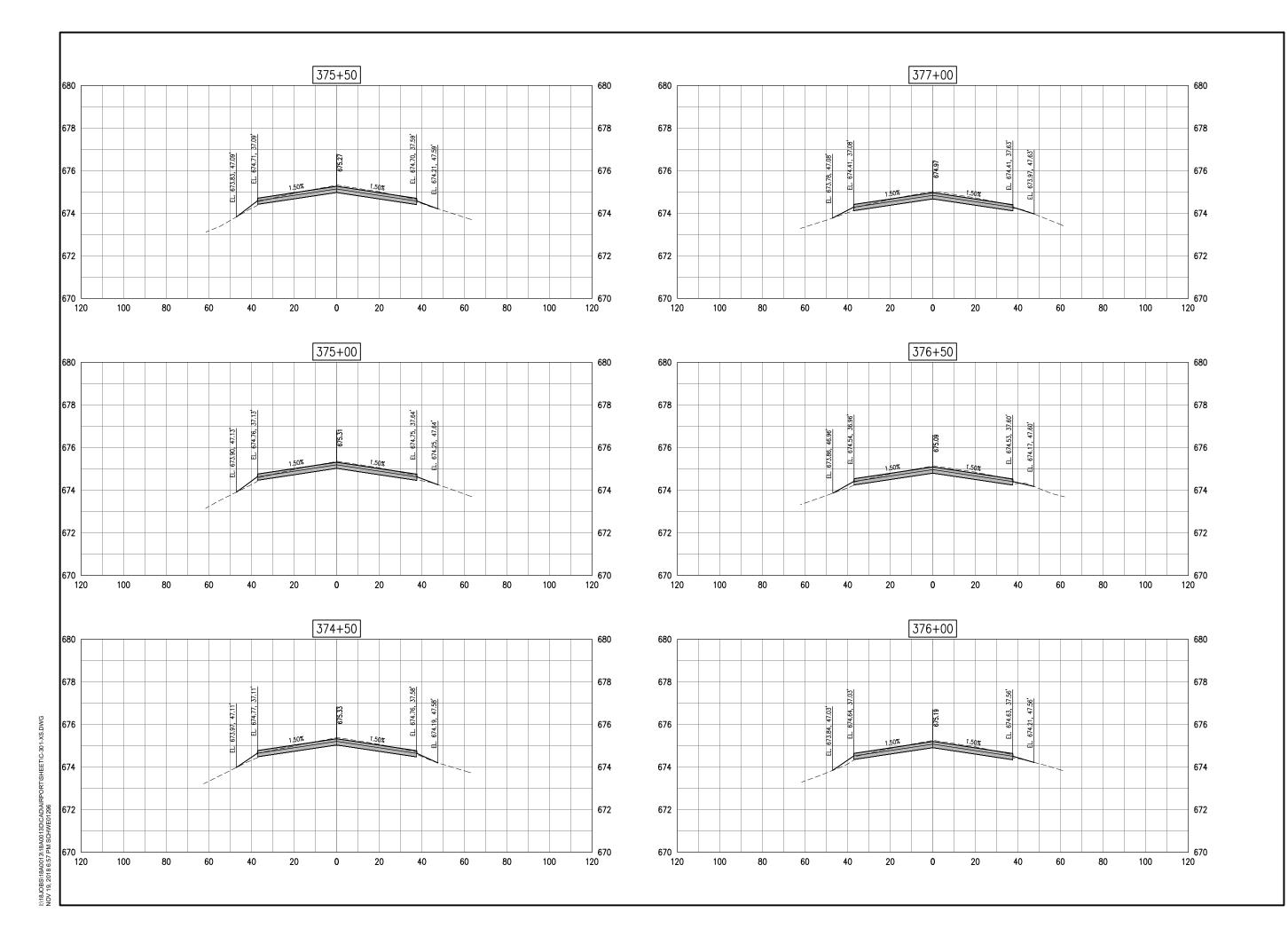
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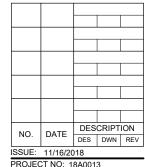


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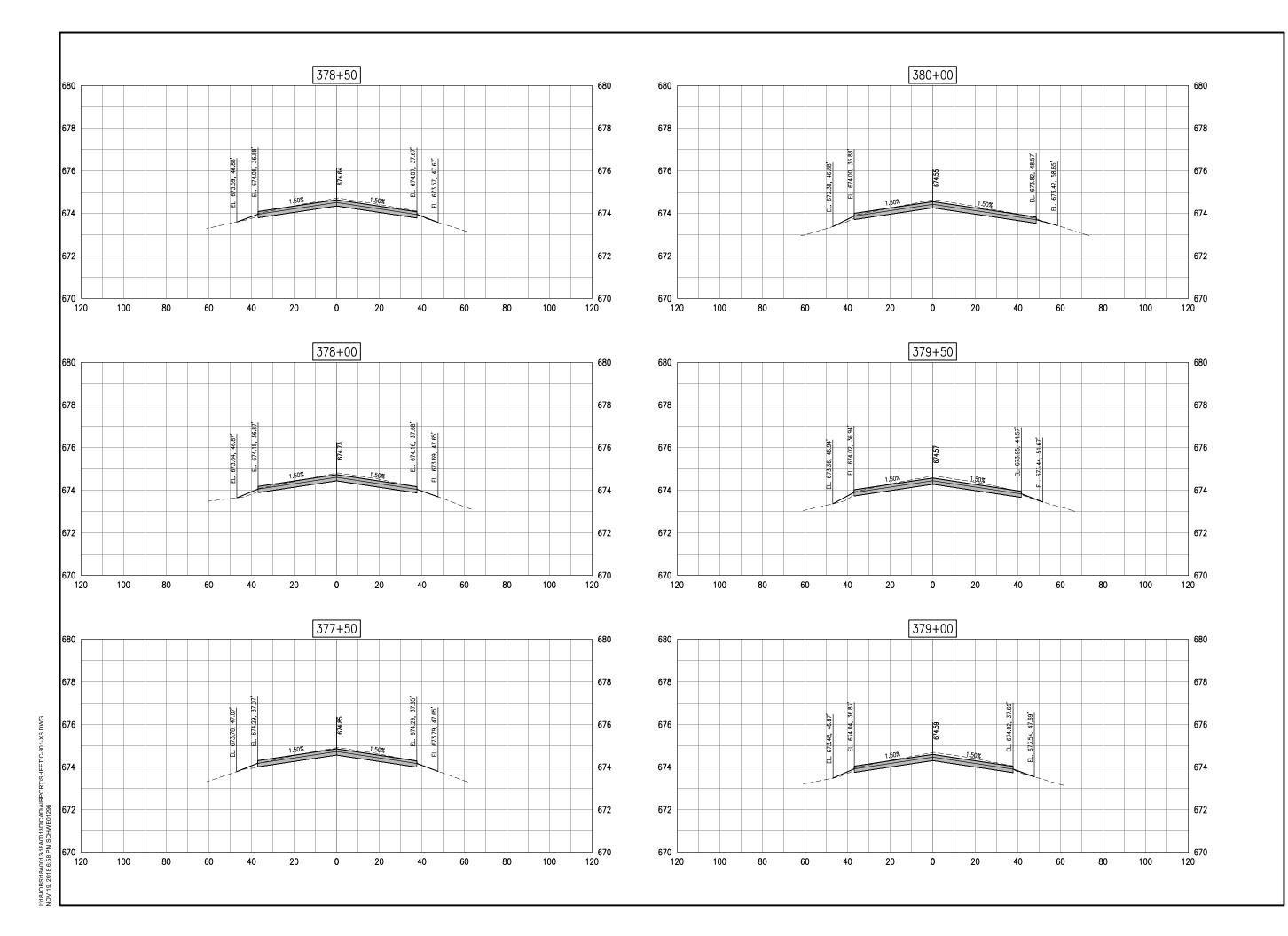
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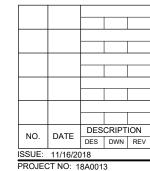


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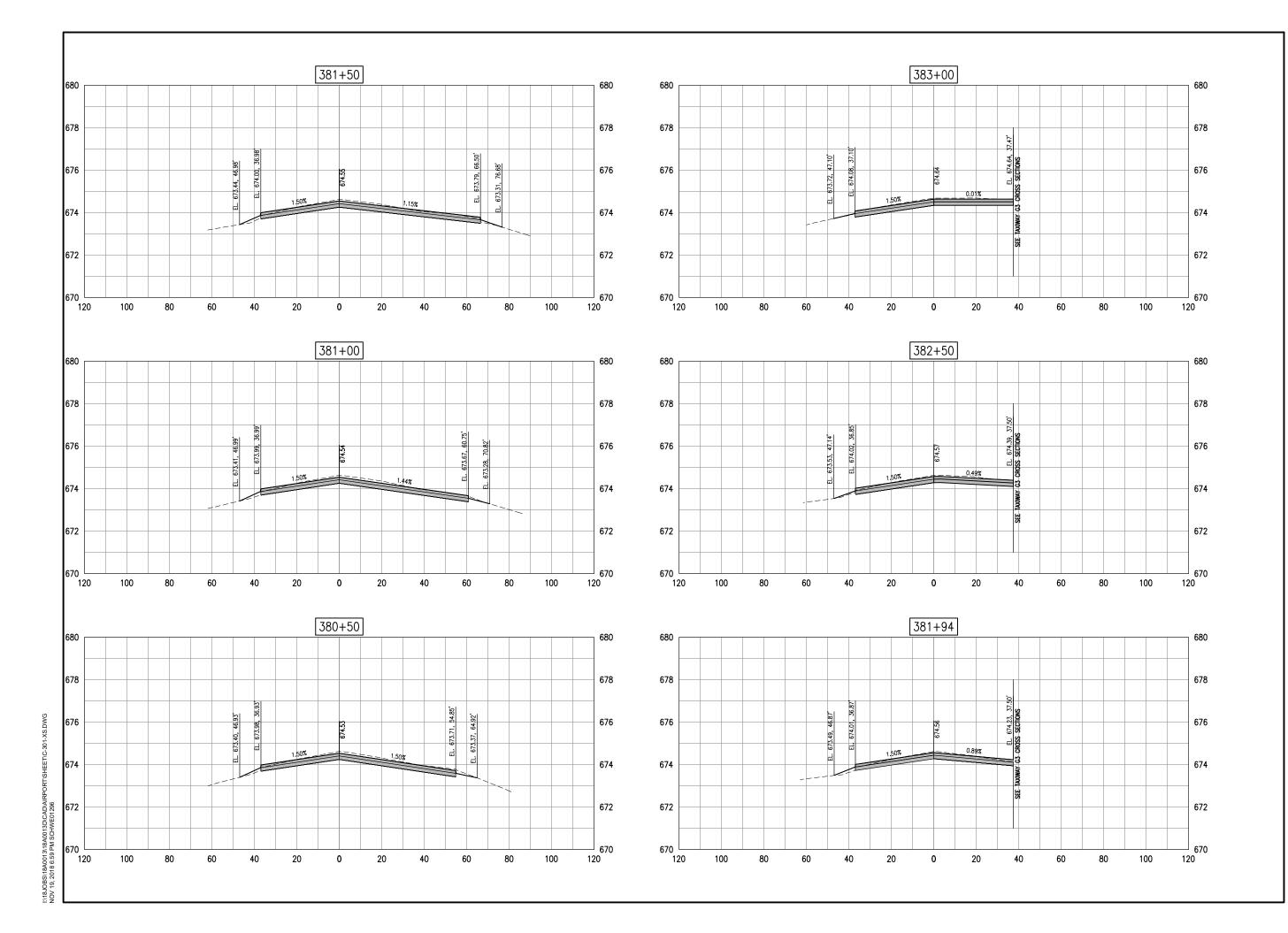
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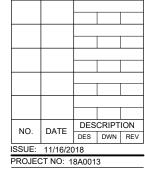


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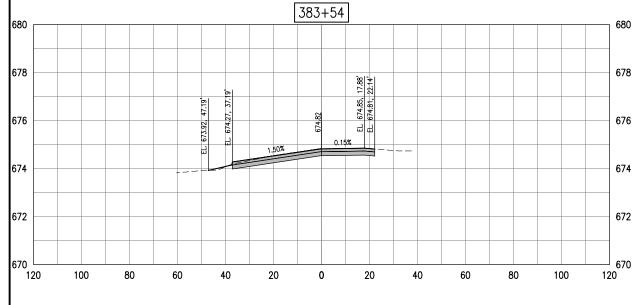
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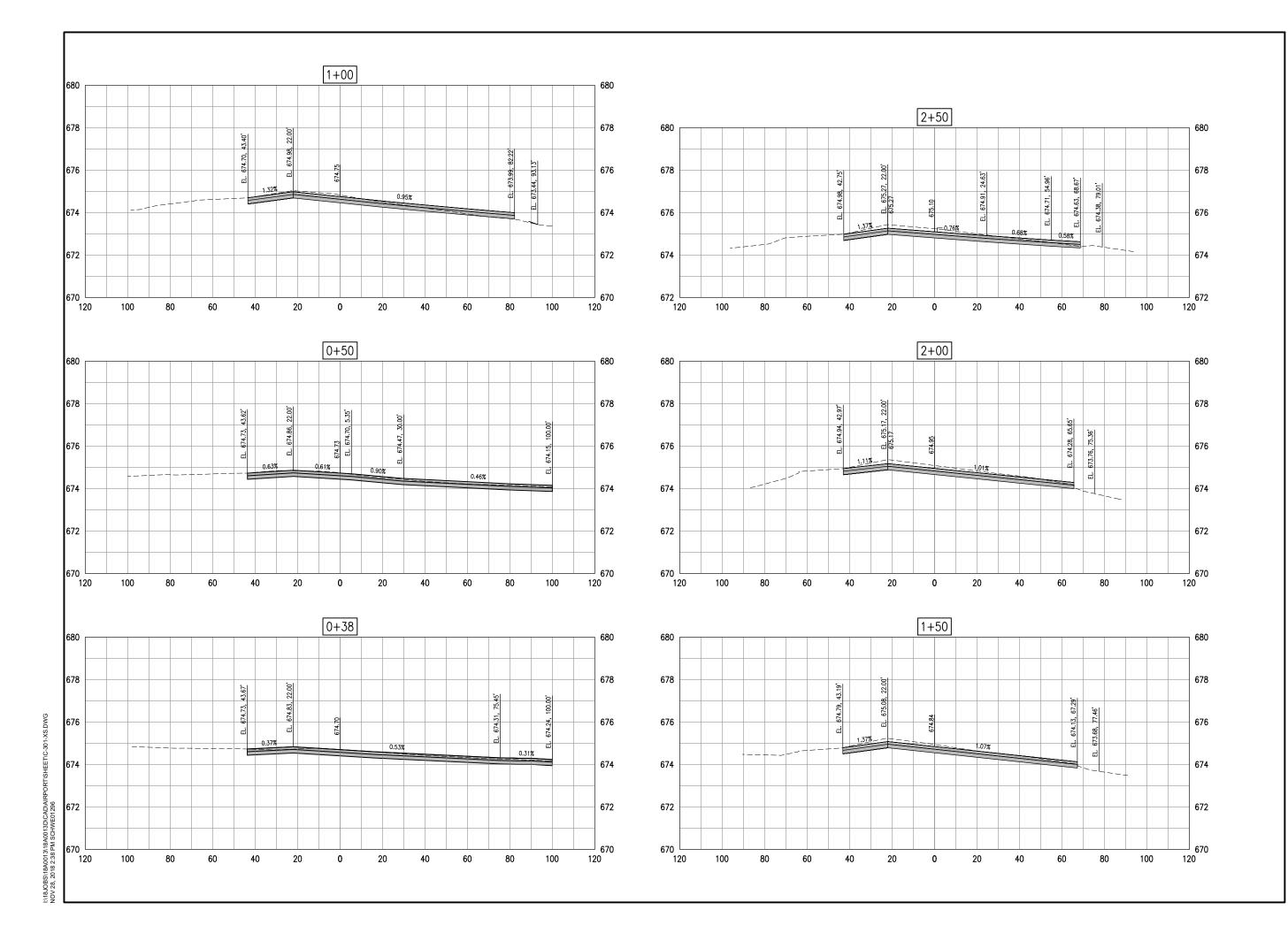


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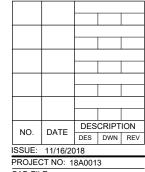


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REVIEWED BY: KBS 10/25/18

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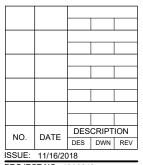


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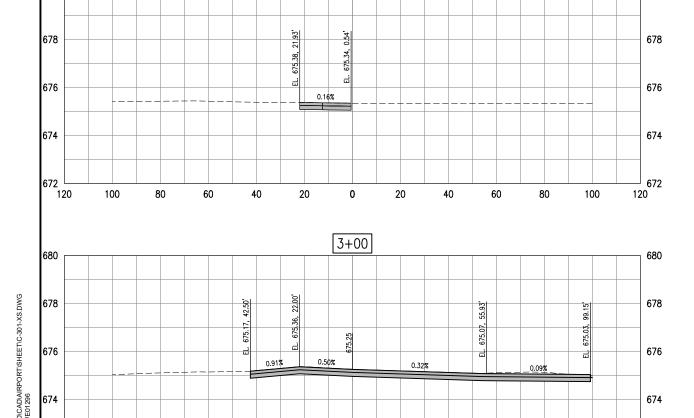
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SHEET TITLE

TAXIWAY G3 CROSS SECTIONS - SHEET 2



120

100

20

40

3+25

680

672

120