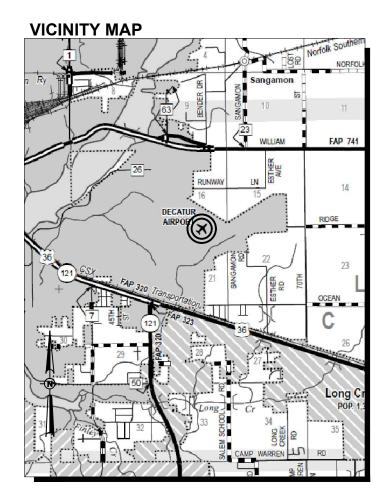
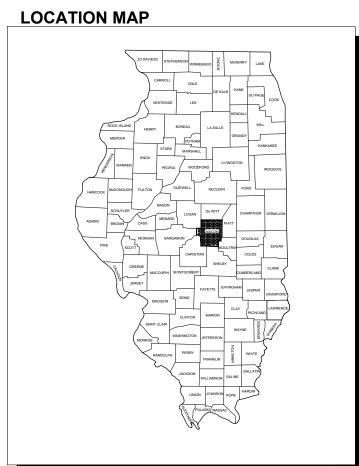
# **CONSTRUCTION PLANS**

# **REHABILITATE PORTIONS OF RUNWAY 12-30 BY MILL** AND REPLACE; PAVEMENT MAINTENANCE ON **PORTIONS OF RUNWAY 6-24 AND RUNWAY 12-30**

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

**IDA PROJECT NO. DEC-4555** A.I.P. PROJECT NO. TBD





NOTICE TO CONTRACTORS AND BIDDERS

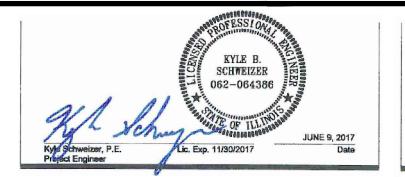
THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.



PREPARED BY:

HANSON PROFESSIONAL SERVICES INC 1525 South Sixth Street Springfield, Illinois 62703-2886 Telephone: 217.788.2450

DATE OF PLANS: **JUNE 9, 2017** 





JUNE 9, 2017 Airport Director

### **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.
- 9. 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. <u>CERTIFIED PAYROLLS</u> THE RESIDENT ENGINEER <u>CANNOT</u> FORWARD A CONSTRUCTION REPORT FOR PAYMENT TO THE IDOT-DIVISION OF AERONAUTICS FOR PROCESSING UNTIL <u>ALL</u> 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	
	LONG CREEK
SECTION NO.	
ADDRESS	DECATUR AIRPORT
	AIRPORT ROAD
	DECATUR, IL 62524

INDEX TO SHEETS			
SHEET NO.	SHEET TITLE		
1	COVER SHEET		
2	INDEX TO SHEETS, SUMMARY OF QUANTITIES, AND GENERAL NOTES		
3	SCOPE OF WORK AND SAFETY PLAN		
4	PHASING PLAN - PHASE 1		
5	PHASING PLAN - PHASE 2		
6	PHASING PLAN - PHASE 3		
7	SAFETY NOTES AND DETAILS		
8	PAVEMENT MAINTENANCE PLAN - RWY 12-30 SHEET 1		
9	PAVEMENT MAINTENANCE PLAN - RWY 12-30 SHEET 2		
10	PAVEMENT MAINTENANCE PLAN - RWY 6-24		
11	PAVING AND GROOVING PLAN		
12	MARKING PLAN		

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	
AR150530	TRAFFIC MAINTENANCE	L.S.	1	
AR150540	HAUL ROUTE	L.S.	1	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	30,000	
AR401613	BIT. SURF. CSEMETHOD I, SUPERPAVE	TON	1,950	
AR401640	BITUMINOUS PAVEMENT GROOVING	S.Y.	13,900	
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	16,700	
AR403613	BIT. BASE CSEMETHOD I, SUPERPAVE	TON	1,950	
AR403673	REFLECTIVE CRACK CONTROL TREATMENT	S.Y.	75	
AR603510	BITUMINOUS TACK COAT	GAL.	4,200	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	9,850	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	5,350	



Offices Nationwide

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REHAB. PORTIONS OF RWY 12-30 BY MILL & RESURFACE; MAINT. ON PORTIONS OF RWY 12-30 & RWY 6-24

IDA No: DEC-4555

Contract No. DE079

NO. DATE DESCRIPTION DES DWN REV

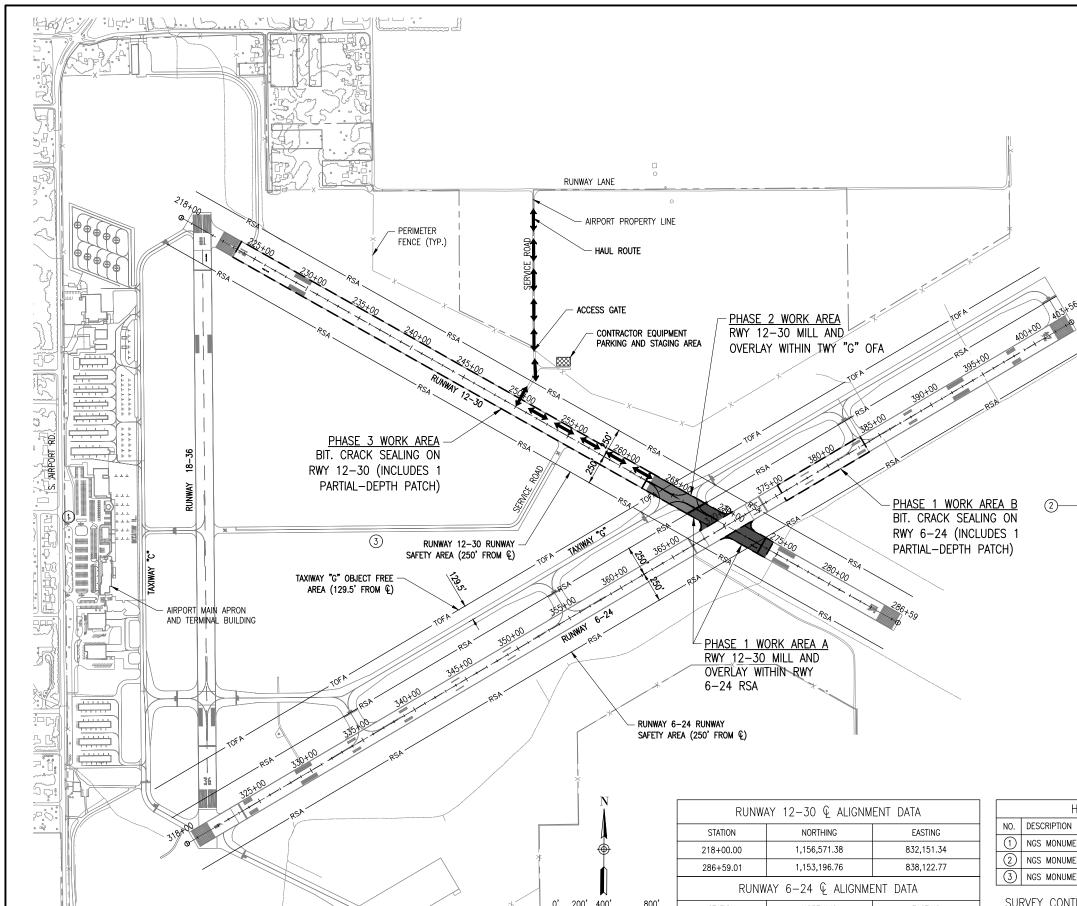
ISSUE: 06/09/2017 (FOR BID)

PROJECT NO: 17A0005

CAD FILE: G-002-SOQ.DWG
DESIGN BY: KBS 05/12/17
DRAWN BY: RAD 05/12/17
REVIEWED BY: KBS 06/09/17

SHEET TITLE

INDEX TO SHEETS, SUMMARY OF QUANTITIES, AND GENERAL NOTES



HALF SIZE SCALE: 1"= 800' FULL SIZE SCALE: 1"= 400'

### CONSTRUCTION SAFETY & PHASING PLAN

- SCOPE OF WORK THE PROPOSED WORK CONSISTS OF REHABILITATING A BITUMINOUS PORTION OF RUNWAY 12-30 VIA MILL AND OVERLAY, AND BITUMINOUS PAVEMENT MAINTENANCE OF PORTIONS OF RUNWAYS 12-30 AND 6-24. ASSOCIATED WORK ITEMS INCLUDE BITUMINOUS PAVEMENT CRACK SEALING, MILLING, PAVING, GROOVING AND MARKING.
- GENERAL THE DECATUR AIRPORT IS TOWER CONTROLLED FROM 6
   A.M. TO 10 P.M. AND IS COMPRISED OF THREE RUNWAYS AND THE
   ASSOCIATED TAXIWAY SYSTEM. THE PROPOSED CONSTRUCTION WILL
   NECESSITATE THE TEMPORARY CLOSING OF RUNWAYS 12-30 AND
   6-24 AND TAXIWAY "G". RUNWAY 18-36 AND ALL OTHER TAXIWAYS
   AND APRONS WILL REMAIN OPEN AT ALL TIMES.
- 3. THE WORK WILL BE COMPLETED UNDER THREE DIFFERENT PHASES:
- 3.1. PHASE 1 CLOSURE OF RUNWAYS 12-30 AND 6-24, AND TAXIMAY "C". THIS PHASE SHALL INCLUDE ALL WORK DONE WITHIN 250' OF THE RUNWAY 6-24 CENTERLINE. THE CONTRACTOR SHALL HAVE 7 CONSECUTIVE DAYS OF CLOSURE TO COMPLETE THE MILLING, SEALING, PATCHING, PAVING, AND FIRST COAT OF PAVEMENT MARKING IN THIS AREA. AN ADDITIONAL DAY OF CLOSURE WILL BE GRANTED FOR GROOVING, AND FOR THE SECOND COAT OF MARKING.
- 3.2. PHASE 2 CLOSURE OF RUNWAY 12-30 AND TAXIWAY "G".
  RUNWAY 6-24 REMAINS OPEN. THIS PHASE SHALL INCLUDE
  THE REMAINDER OF THE PAVING AND ALL WORK DONE WITHIN
  129.5' OF THE TAXIWAY "G" CENTERLINE. THIS WORK MAY BE
  DONE CONCURRENTLY WITH THE PHASE 1 AREA PROVIDED THE
  CONTRACTOR CAN COMPLETE THE PHASE 1 WORK WITHIN THE
  ALLOTED CLOSURE DURATIONS.
- 3.3. PHASE 3 CLOSURE OF RUNWAY 12-30. RUNWAY 6-24 AND TAXIWAY "G" REMAIN OPEN. THIS PHASE SHALL INCLUDE THE CRACK SEALING AND PARTIAL-DEPTH PATCHING ON THE REMAINING AREAS OF RUNWAY 12-30 OUTSIDE OF THE RUNWAY 6-24 AND TAXIWAY "G" AIRCRAFT OPERATION AREAS. THIS WORK MAY BE DONE CONCURRENTLY WITH PHASES 1 AND 2, OR DURING THE 30-DAY CURE PERIOD BEFORE GROOVING THE RESURFACED AREAS.
- 4. THE DECATUR AIRPORT HAS FOUR GENERATOR POWERED MOBILE LIGHTED X'S THAT MAY BE USED FOR MARKING RUNWAY CLOSURES IN LIEU OF THE YELLOW FABRIC CROSSES SHOWN ON THE SAFETY DETAIL SHEET. THE CONTRACTOR WILL BE RESPONSIBLE FOR MOVING, OPERATING, FUELING, AND MAINTAINING THE LIGHTED X'S DURING THE PROJECT. CONTACT THE AIRPORT DIRECTOR FOR
- THE CONTRACTOR SHALL HAVE THE SAFETY PLAN COMPLIANCE DOCUMENT (SPCD), AS DETAILED IN THE SPECIAL PROVISIONS, SUBMITTED AND APPROVED PRIOR TO BEING ISSUED "NOTICE TO PROCFFD"
- 6. ALL AREAS SHALL BE REOPENED DURING THE 30-DAY CURING PERIOD BEFORE GROOVING WHILE THE CONTRACTOR IS NOT WORKING.
- 7. AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. ONLY CONTRACTOR EMPLOYEES SHALL BE ALLOWED WITHIN THE PROJECT LIMITS. GATES SHALL BE CLOSED AT ALL TIMES UNLESS THE CONTRACTOR IS IN A CONTINUOUS HAULING OPERATIONS, DURING WHICH TIME HE WILL PROVIDE A PERSON TO MONITOR THE GATE APER
- 8. RADIO CONTROL— THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT WITH THE AIRPORT CONTROL TOWER GROUND FREQUENCY (121.75 MHz).

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DESCRIPTION	NORTHING	EASTING	ELEV.
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NGS MONUMENT "DEC A" - DISK IN CONC.	1,154,170.62	840,420.49	
NGS MONUMENT "DEC ARP" - DISK IN CONC.	1,153,874.54	833,774.94	~674.5
	DESCRIPTION  NGS MONUMENT "Z 262" — DISK IN CONC.  NGS MONUMENT "DEC A" — DISK IN CONC.	DESCRIPTION NORTHING  NGS MONUMENT "Z 262" - DISK IN CONC. 1,154,102.83  NGS MONUMENT "DEC A" - DISK IN CONC. 1,154,170.62	NGS MONUMENT "Z 262" - DISK IN CONC. 1,154,170.62 840,420.49

### SURVEY CONTROL NOTES

NORTHING

1,151,355.10

1,155,701.06

318+00.00

403+55.84

EASTING

832,199.92

839,569.80

- ALL COORDINATES SHOWN IN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD-83 (2011).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND ANY EXTENSION OF THE CONTROL NETWORK NEEDED TO PROPERLY COMPLETE THE WORK.



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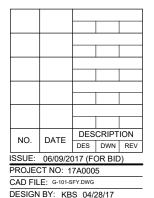


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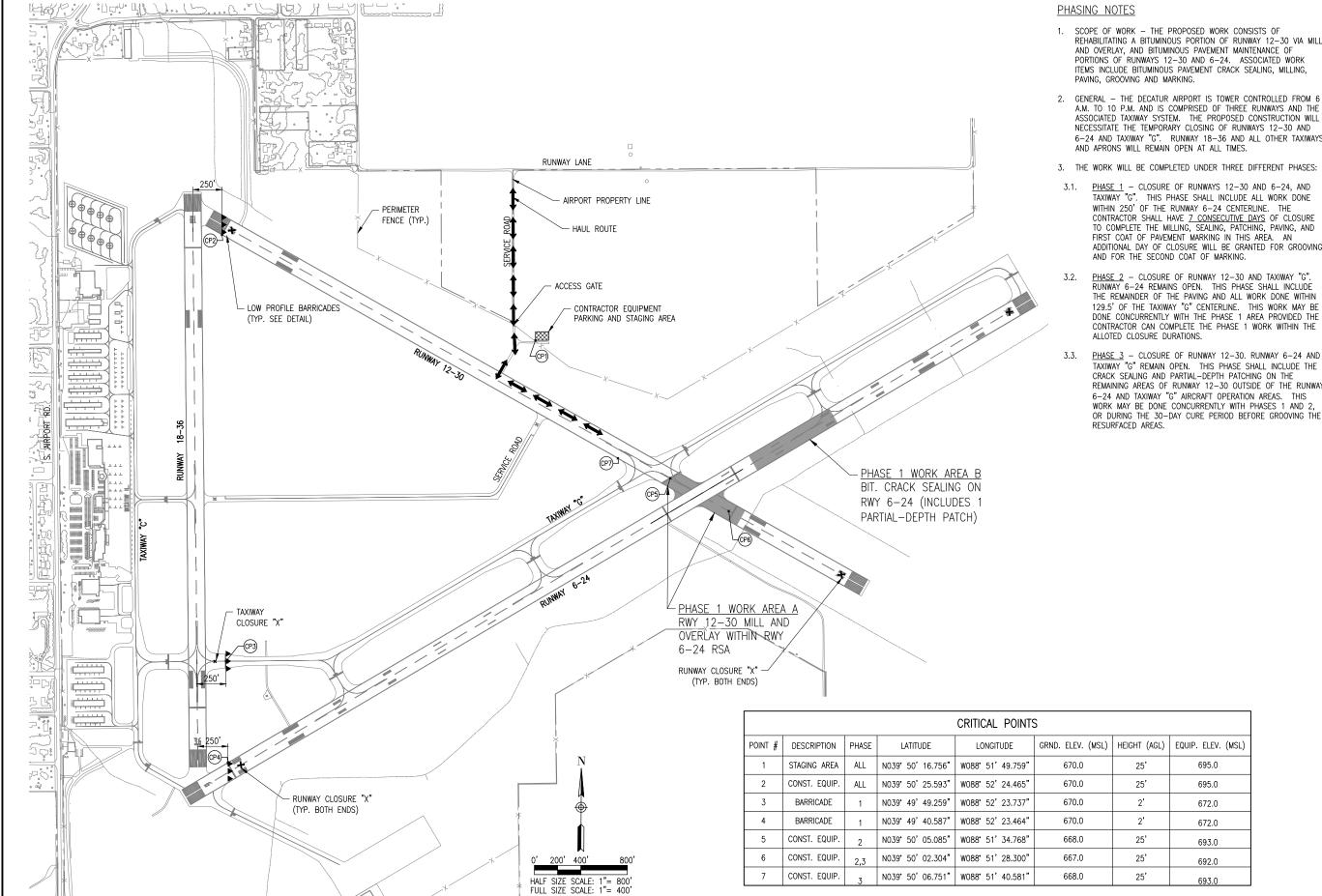


SHEET TITLE

DRAWN BY: RAD 04/28/17

REVIEWED BY: KBS 06/09/17

SCOPE OF WORK AND SAFETY PLAN



- REHABILITATING A BITUMINOUS PORTION OF RUNWAY 12-30 VIA MILL AND OVERLAY, AND BITUMINOUS PAVEMENT MAINTENANCE OF PORTIONS OF RUNWAYS 12-30 AND 6-24. ASSOCIATED WORK ITEMS INCLUDE BITUMINOUS PAVEMENT CRACK SEALING, MILLING,
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- RUNWAY 6-24 REMAINS OPEN. THIS PHASE SHALL INCLUDE THE REMAINDER OF THE PAVING AND ALL WORK DONE WITHIN 129.5' OF THE TAXIWAY "G" CENTERLINE. THIS WORK MAY BE DONE CONCURRENTLY WITH THE PHASE 1 AREA PROVIDED THE CONTRACTOR CAN COMPLETE THE PHASE 1 WORK WITHIN THE
- TAXIWAY "G" REMAIN OPEN. THIS PHASE SHALL INCLUDE THE CRACK SEALING AND PARTIAL-DEPTH PATCHING ON THE REMAINING AREAS OF RUNWAY 12-30 OUTSIDE OF THE RUNWAY 6-24 AND TAXIWAY "G" AIRCRAFT OPERATION AREAS. THIS WORK MAY BE DONE CONCURRENTLY WITH PHASES 1 AND 2, OR DURING THE 30-DAY CURE PERIOD BEFORE GROOVING THE

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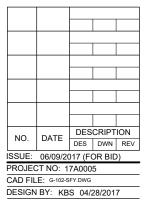


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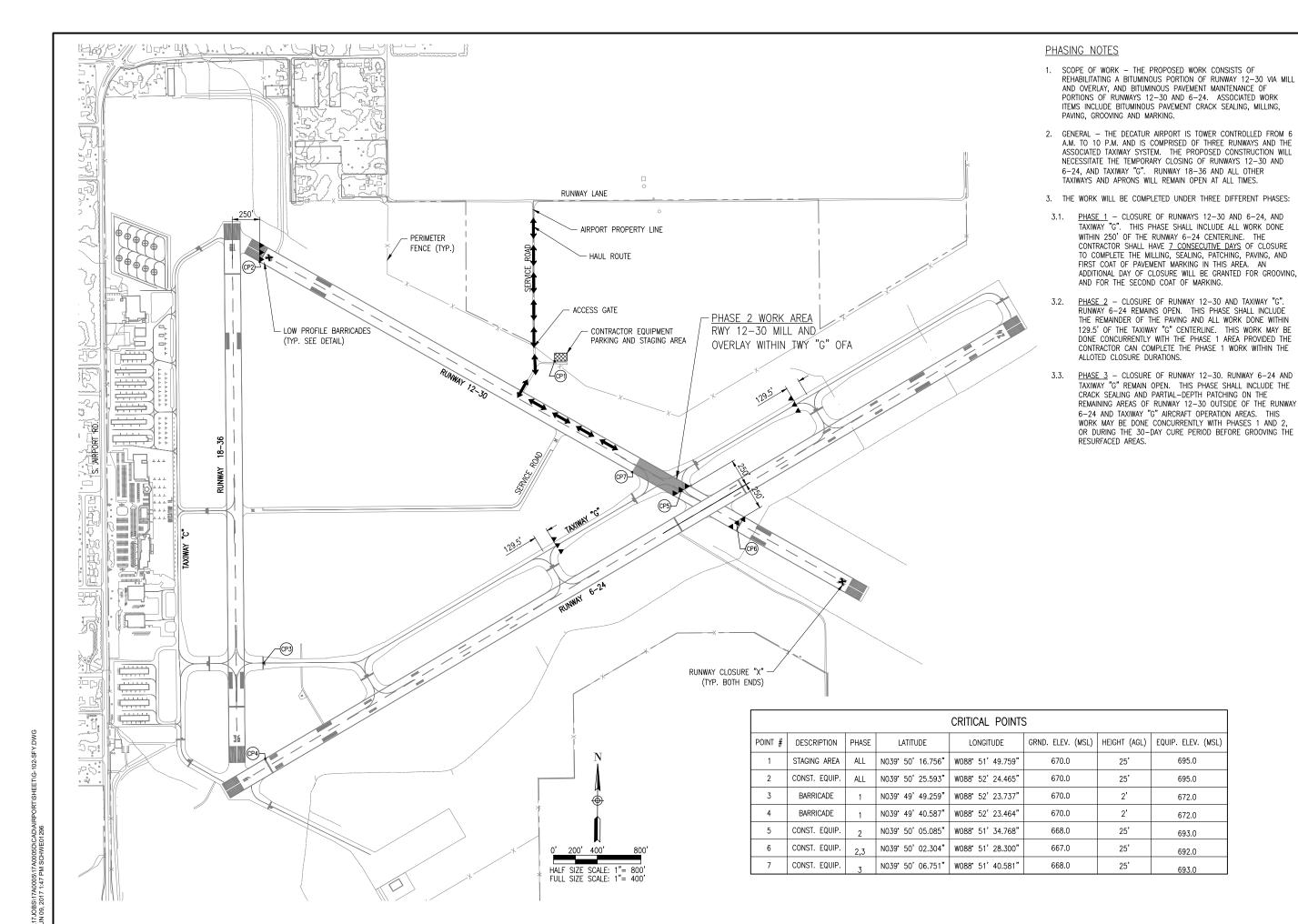
Contract No. DE079



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SHEET TITLE

PHASING PLAN -PHASE 1





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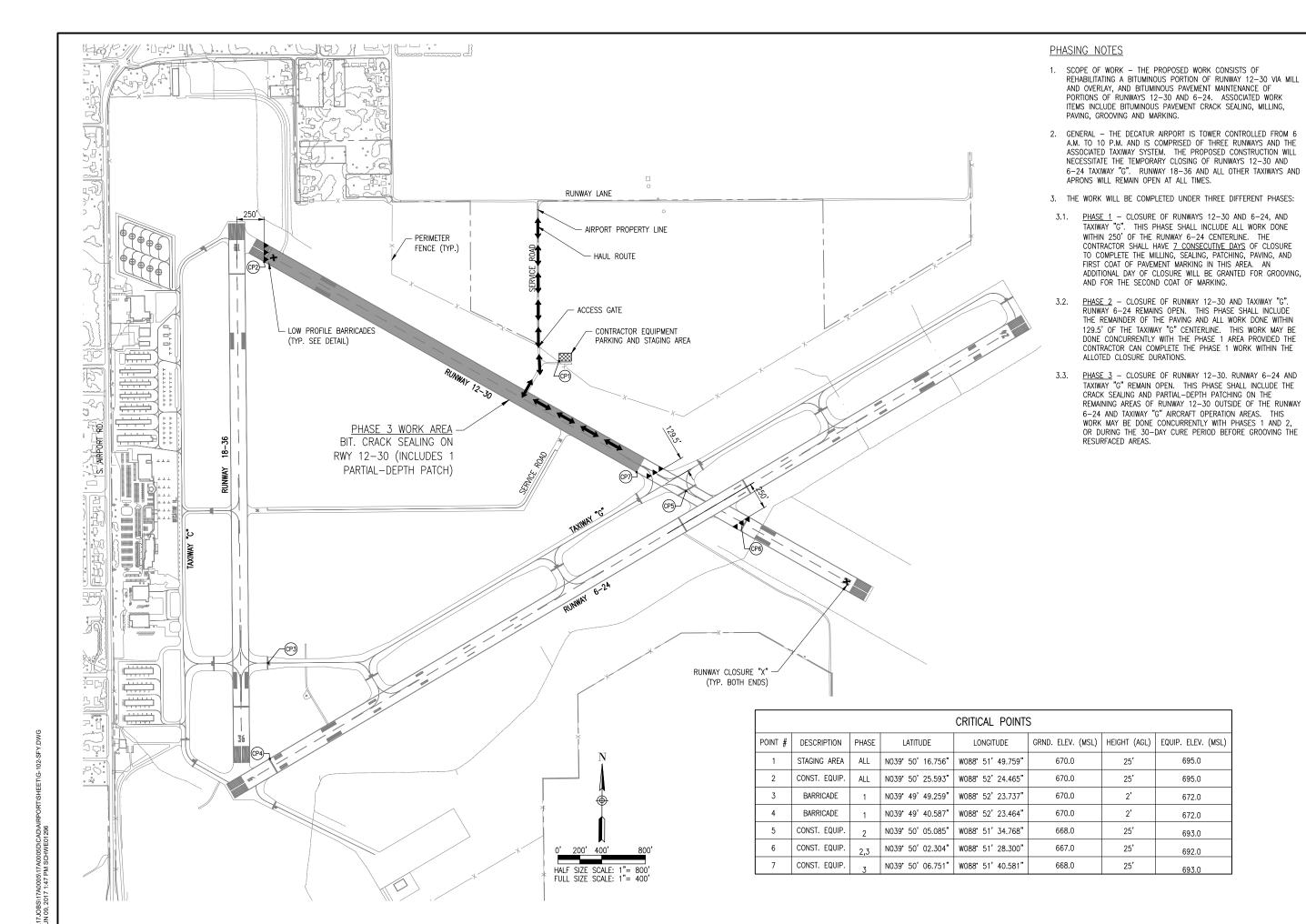
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DESIGN BY: KBS 04/28/2017				
DRAWN BY: RAD 04/28/2017				

PHASING PLAN -

SHEET TITLE

PHASE 2

REVIEWED BY: KBS 06/09/2017





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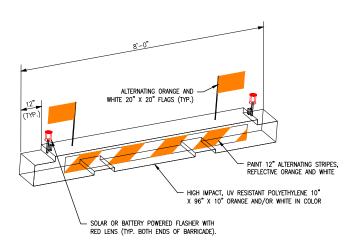
SHEET TITLE

PHASING PLAN - PHASE 3



- 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
- 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.

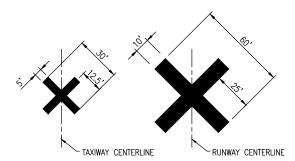
## LIGHTED RUNWAY CLOSURE MARKER



### LOW PROFILE AIRCRAFT BARRICADE DETAIL

### **BARRICADE NOTES**

- 1. 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.
- 2. BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT WITH A MAXIMUM SPACING OF 4' 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.
- 3. 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.
- 5. BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
- 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 PAVEMENT BY SANDRAGS OR OTHER APPROVED METHOD
- 3. 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

- FOLLOWING ARE THE CONSTRUCTION SAFFTY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS PROJECT. ADDITIONAL REQUIREMENTS ARE SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET AND THIS
- 2. ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (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 SHEETS.
- 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 PRECONSTRUCTION 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 150/5210-5. "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, WITHIN 129.5' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, 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 150/5370-2. "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST FOITION, LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2 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
- 11. NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE AIRPORT. HOWEVER OTHER EQUIPMENT TALLER THAN 25' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE
- 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
- 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 ROLLTES 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
- 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
- 19. 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 TURE 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.

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

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

REHAB. PORTIONS OF RWY 12-30 BY MILL & RESURFACE: MAINT. ON PORTIONS OF RWY 12-30 & RWY 6-24

IDA No: DEC-4555

Contract No. DE079

DESCRIPTION NO. DATE DES DWN REV ISSUE: 06/09/2017 (FOR BID)

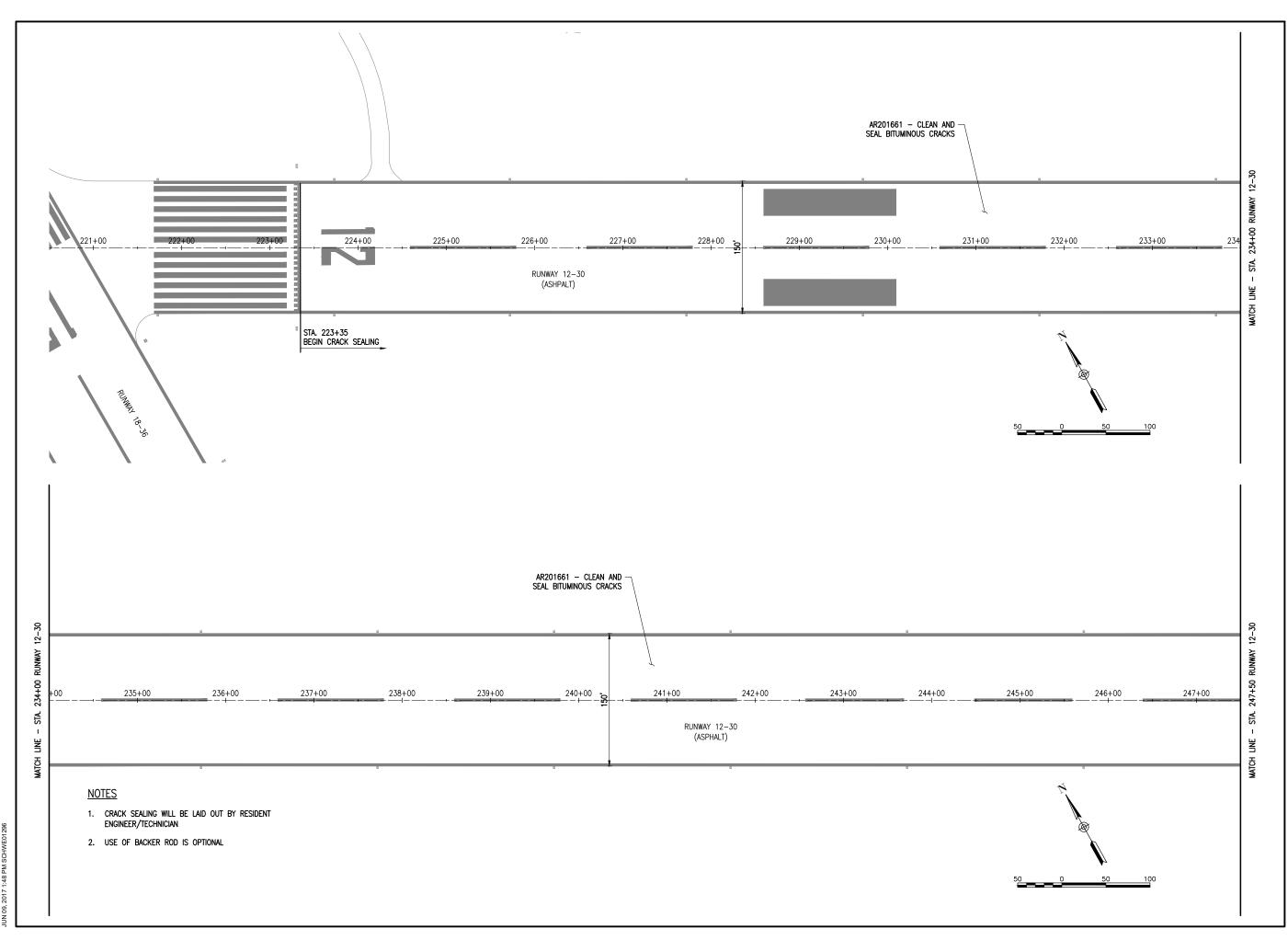
PROJECT NO: 17A0005

CAD FILE: G-501-SFY.DWG DESIGN BY: KBS 04/28/2017 DRAWN BY: RAD 04/28/2017

REVIEWED BY: KBS 06/09/2017

SHEET TITLE

SAFETY NOTES AND **DETAILS** 





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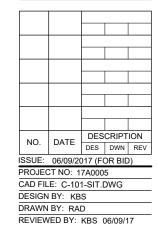


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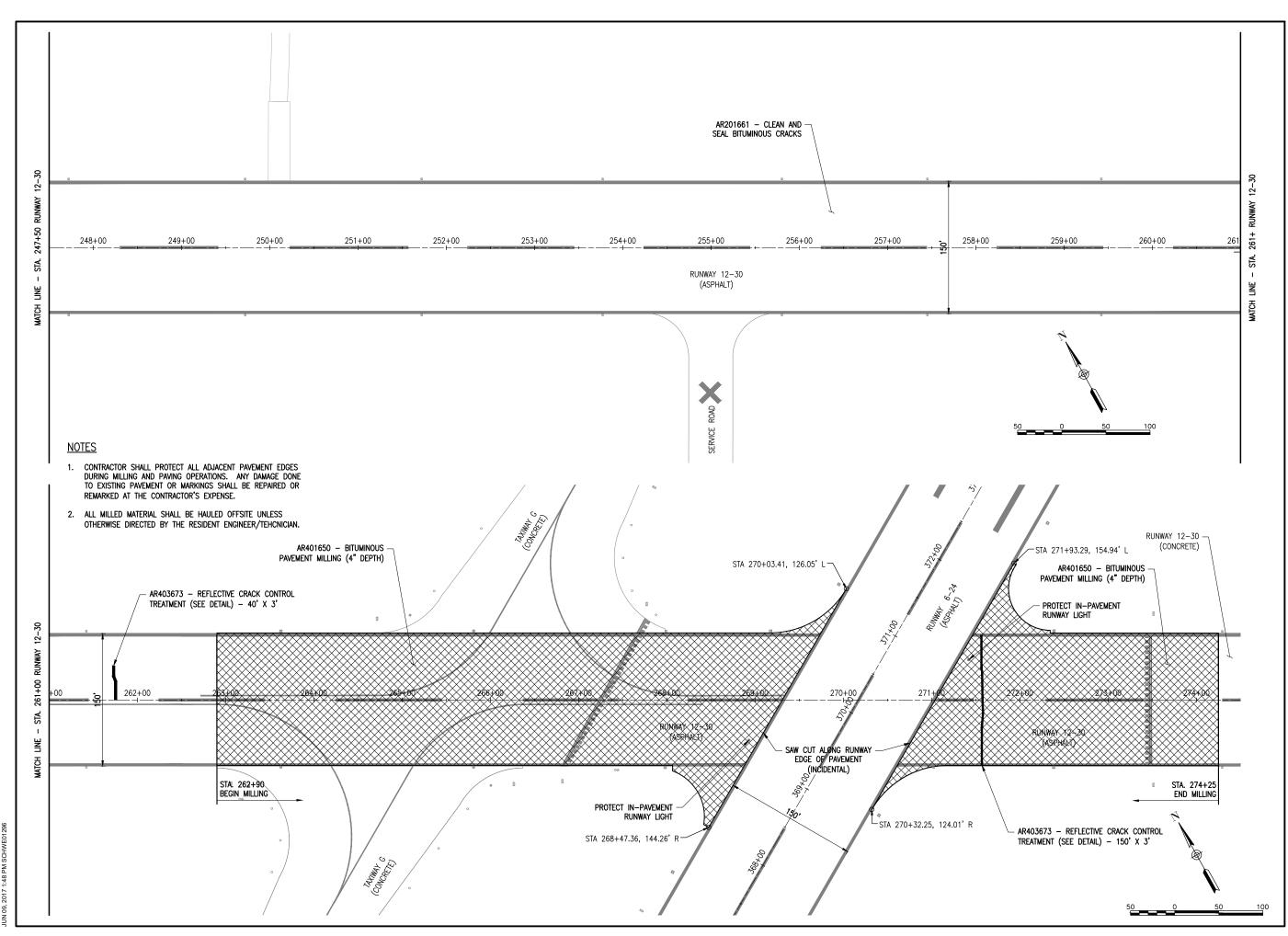
IDA No: DEC-4555

Contract No. DE079



SHEET TITLE

PAVEMENT MAINTENANCE PLAN - RWY 12-30 SHEET 1





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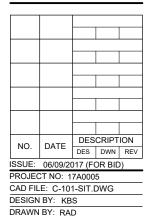


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REHAB. PORTIONS OF RWY 12-30 BY MILL & RESURFACE; MAINT. ON PORTIONS OF RWY 12-30 & RWY 6-24

IDA No: DEC-4555

Contract No. DE079



SHEET TITLE

PAVEMENT MAINTENANCE PLAN - RWY 12-30 SHEET 2

REVIEWED BY: KBS 06/09/17

TACK COAT -(0.1 GAL/S.Y. ON BOTTOM, SIDES, AND BETWEEN LIFTS) CRACK CONTROL FABRIC -AND TACK COAT APPLIED PER MANUFACTURER'S REQ. EXISTING BIT. PAVEMENT STRUCTURE • 6/24 NE OF RWY 12/30 - 18" BIT. ON 9" PCC • 12/30 NW OF RWY 6/24 - ~12" BIT. ON 8" PCC REMOVE AND REPLACE 6" OF BITUMINOUS — • 12/30 SE OF RWY 6/24 - 32" BIT. ON SUBGRADE SURFACE COURSE (2" MAX LIFTS). INSTALL
CRACK CONTROL FABRIC BETWEEN TOP TWO LIFTS \*\*PATCH IN RESURFACING AREA TO BE COMPLETED AFTER MILLING

REFLECTIVE CRACK CONTROL TREATMENT DETAIL



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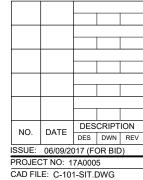


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REHAB. PORTIONS OF RWY 12-30 BY MILL & RESURFACE; MAINT. ON PORTIONS OF RWY 12-30 & RWY 6-24

IDA No: DEC-4555

Contract No. DE079



DESIGN BY: KBS

DRAWN BY: RAD REVIEWED BY: KBS 06/09/17

SHEET TITLE

**PAVEMENT** MAINTENANCE PLAN - RWY 6-24



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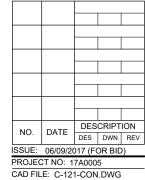


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REHAB. PORTIONS OF **RWY 12-30 BY MILL &** RESURFACE; MAINT. ON PORTIONS OF RWY 12-30 & RWY 6-24

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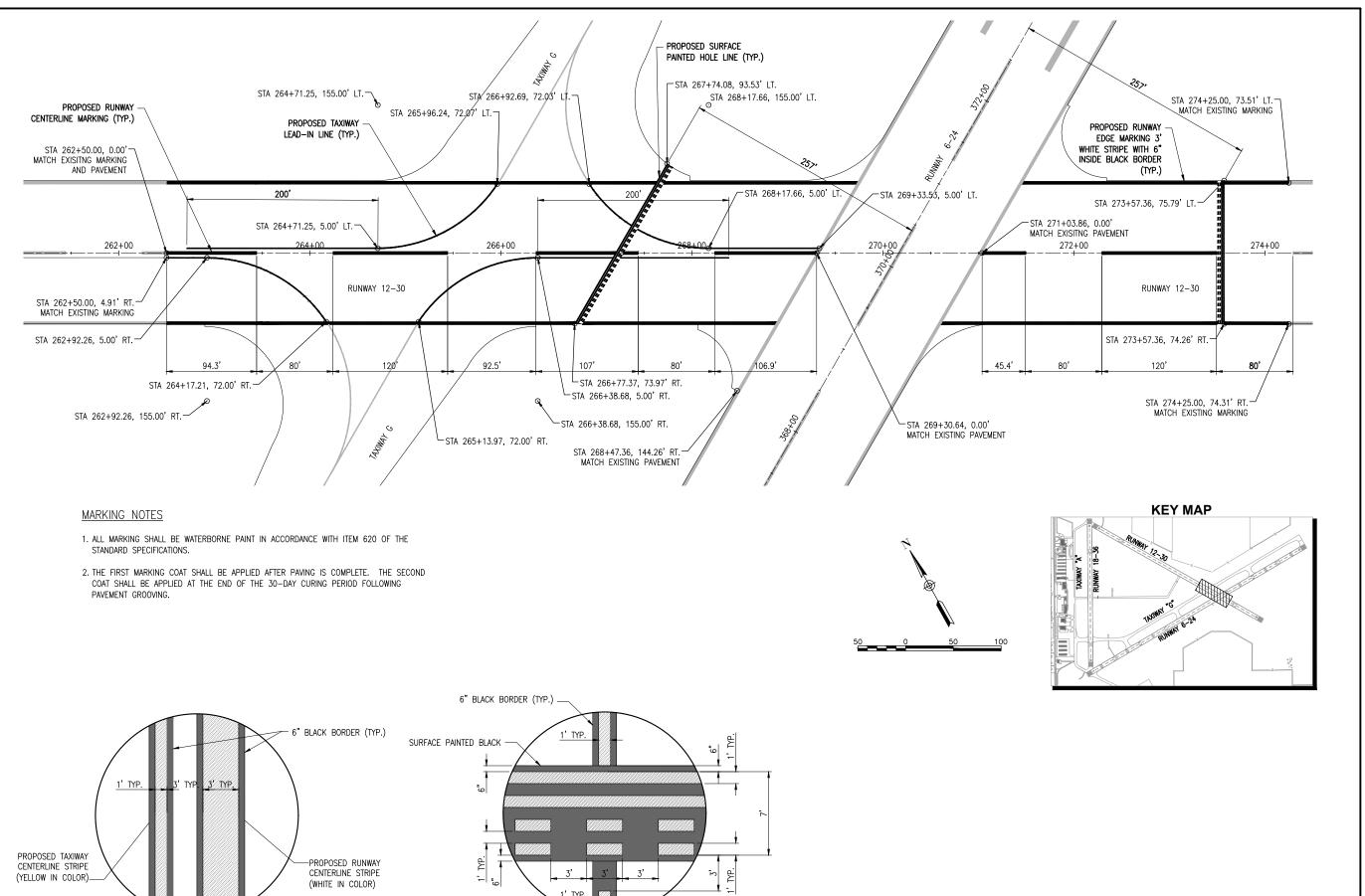


DESIGN BY: KBS

DRAWN BY: RAD REVIEWED BY: KBS 06/09/17

SHEET TITLE

**PAVING AND GROOVING PLAN** 



HOLDING POSITION DETAIL

NOT TO SCALE

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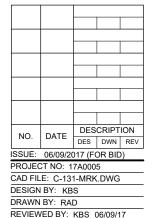


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SHEET TITLE

MARKING PLAN

TAXIWAY CENTERLINE LEAD—IN DETAIL

NOT TO SCALE