ITEM NO. 01A IDOT LETTING: AUGUST 02, 2019

**CONSTRUCTION PLANS** 

# PHASE 2: REHABILITATE ASPHALT PAVEMENT ON RUNWAY 6-24; REHABILITATE CONCRETE PAVEMENTS ON RUNWAYS 6-24 AND 12-30

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

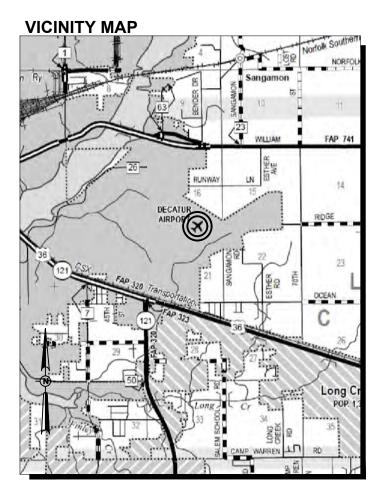
IDA PROJECT NO. DEC-4743 A.I.P. PROJECT NO. 3-17-SBPG-TBD

JUNE 07, 2019

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.

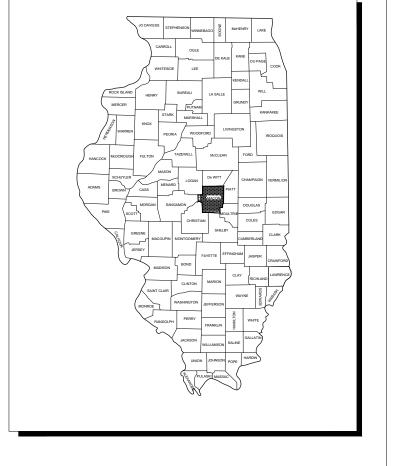
No.	Issue/Description	Sheets Changed	Date	Ву





# DE083 TOTAL SHEETS = 43

# LOCATION MAP



decatur	DECATUR PARK DIST DECATUR AIRPORT 910 South Airport Road	RICT	
A Decotur Park District Property	Decatur, Illinois 62521 Telephone: 217.428.2423		
	A	57	
1 mil +	~ Unto	JUNE	19
Tim Wright		-	Date

INDEX TO SHEETS			
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40	RUNWAY 6-24 CROSS SECTIONS STA. 334+50 - STA. 336+00		
41	RUNWAY 6-24 CROSS SECTIONS STA. 336+50 - STA. 338+00		
42	RUNWAY 6-24 CROSS SECTIONS STA. 338+50 - STA. 340+00		
43	RUNWAY 6-24 CROSS SECTIONS STA. 340+50 - STA. 341+00		

	SUMMARY OF QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY		
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1.0			
AR150520	MOBILIZATION	L.S.	1.0			
AR150530	TRAFFIC MAINTENANCE	L.S.	1.0			
AR150540	HAUL ROUTE	L.S.	1.0			
AR152480	SHOULDER ADJUSTMENT	S.Y.	4,360.0			
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	10,000.0			
AR201670	CRACK CONTROL FABRIC	S.Y.	680.0			
AR401614	BIT. SURF. CSEMETHOD II, SUPERPAVE	TON	9,800.0			
AR401630	BITUMINOUS SURFACE TEST SECTION	EACH	1.0			
AR401640	BITUMINOUS PAVEMENT GROOVING	S.Y.	32,500.0			
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	41,400.0			
AR401660	SAW & SEAL BIT. JOINTS	L.F.	4,455.0			
AR401915	REM & REP BIT PAVEMENT-TYPE A	S.Y.	280.0			
AR401916	REM & REP BIT PAVEMENT-TYPE B	S.Y.	200.0			
AR501922	PCC SPALL REPAIR	S.F.	950.0			
AR603510	BITUMINOUS TACK COAT	GAL.	4,140.0			
AR605540	CLEAN & SEAL JOINTS	L.F.	42,000.0			
AR605541	CLEAN & SEAL CRACKS	L.F.	1,500.0			
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	143,227.0			
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	28,751.0			
AR901510	SEEDING	ACRE	0.9			
AR908510	MULCHING	ACRE	0.9			

#### GENERAL NOTES

- THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL 1. 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. 2. 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. <u>MATERIAL CERTIFICATIONS</u> MATERIALS <u>CANNOT</u> BE INSTALLED UNTIL <u>ALL</u> 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 COMPLETE. 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, EITHER 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 ABOVEGROUND UTILITIES.

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 ROAD
	DECATUR, IL 62524



Offices Nationwide www.hanson-inc.com

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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

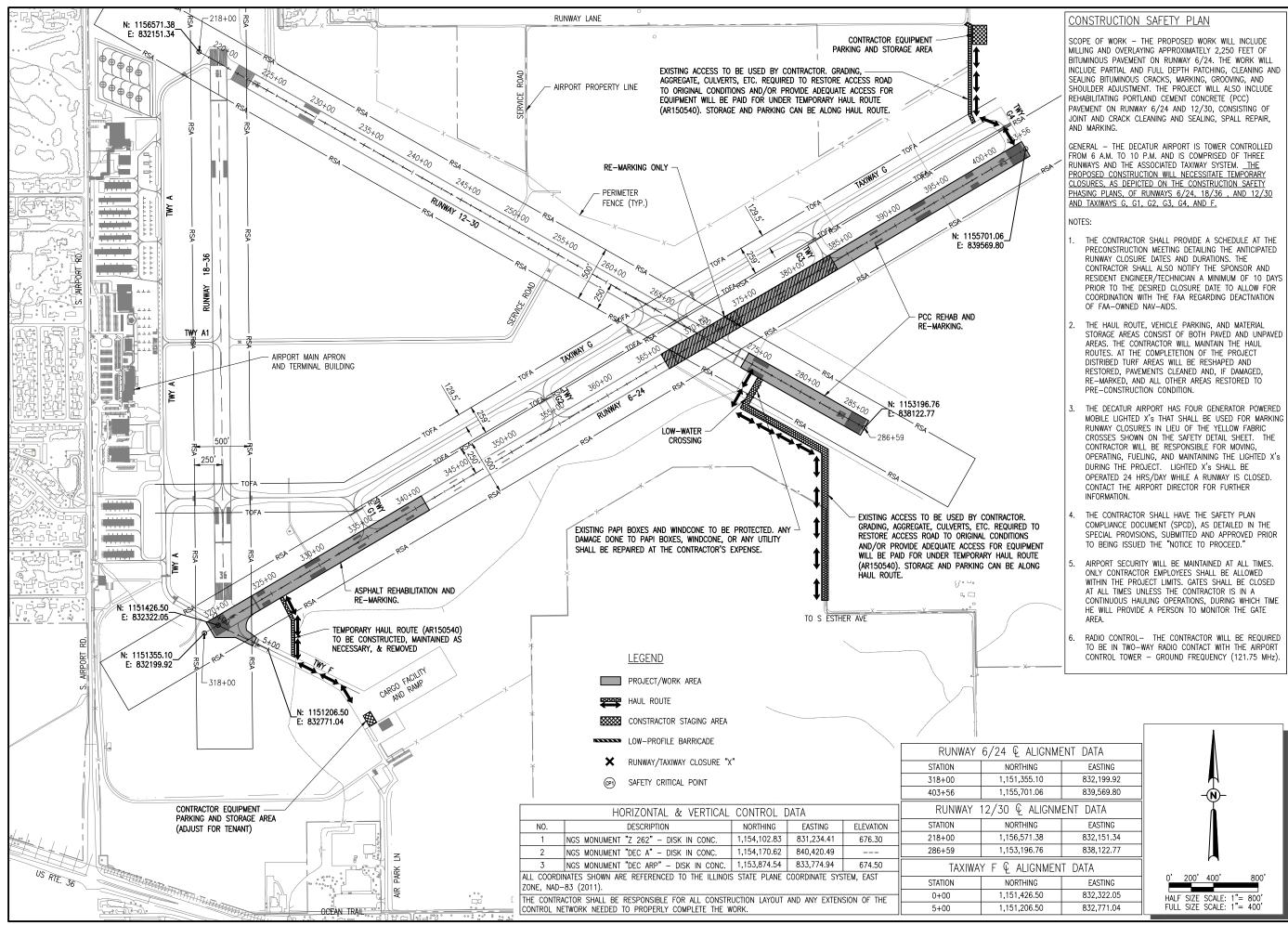
IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

Contract No. DE083

NO.	DATE	DES	CRIPT	ION	
NO.	DATE	DES	DWN	REV	
ISSUE:	06/07/20	)19			
PROJEC	CT NO: 1	9A002	6		
CAD FIL	CAD FILE: G-002-SOQ.DWG				
DESIGN BY: MJD 05/08/2019					
DRAWN	BY: MJ	D 05/0	8/2019	9	
REVIEW	/ED BY: F	KBS 0	6/07/19	9	

SHEET TITLE

SUMMARY OF QUANTITIES AND INDEX TO SHEETS





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

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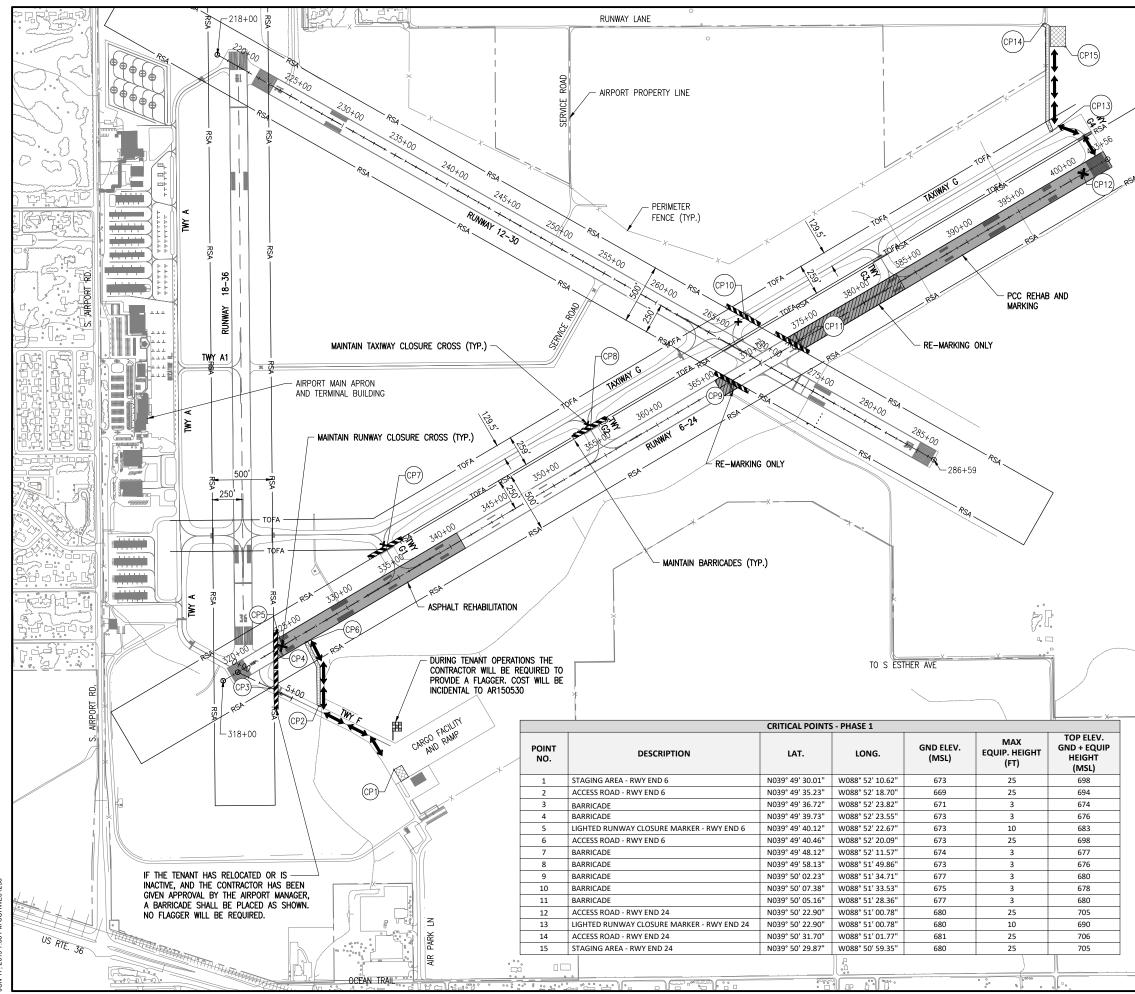
Contract No. DE083

NO.	DATE	DES	CRIPT	ION
NO.	DAIL	DES	DWN	REV
ISSUE: 06/07/2019				

PROJECT NO: 19A0026 CAD FILE: C-101-SFY.DWG DESIGN BY: MID 05/07/2019 DRAWN BY: MJD 05/07/2019 REVIEWED BY: KBS 06/07/19

SHEET TITLE

### SCOPE OF WORK & SAFETY PLAN



(19JOBS/19A0026/19A0026D/CAD\AIRPORT\SHEET\C-101-SFY. 111N 17 2019 7-08 PM SCHWED1208

# PHASE 1 NOTES

#### SCOPE OF WORK

- THE PROPOSED SAFETY PLAN WILL GOVERN WHEN WORK IS BEING COMPLETED IN THE SHADED REGIONS SHOWN ON THE PLANS.
- 2. THE PROPOSED WORK WILL INCLUDE REHABILITATING RUNWAY END 6 THROUGH MILLING AND OVERLAYING 4 INCHES OF BITUMINOUS PAVEMENT, PARTIAL AND FULL DEPTH PATCHING, CLEANING AND SEALING BITUMINOUS CRACKS, MARKING, GROOVING, AND SHOULDER ADJUSTMENT. THE WORK WILL ALSO INCLUDE REHABILITATION OF PORTLAND CEMENT CONCRETE (PCC) PAVEMENT NEAR RUNWAY END 24 THROUGH JOINT AND CRACK CLEANING AND SEALING, SPALL REPAIR, AND MARKING.

#### **CLOSURES**

- RUNWAY 6/24 WILL BE CLOSED AND A LIGHTED "X" WILL BE PLACED ON EACH END AS SHOWN. SEE SAFETY NOTES AND DETAILS.
- TAXIWAY F WILL BE CLOSED IF THERE IS NO ACTIVE TENANT. IF A TENANT IS ACTIVE, THE CONTRACTOR WILL PROVIDE A FLAGGER(S).
- TAXIWAY G3, TAXIWAY G4, AND A PORTION OF TAXIWAY G AS DEPICTED ON THE PLAN VIEW. TEMPORARILY CLOSED TAXIWAYS WILL MARKED WITH FLAT YELLOW "X." SEE SAFETY NOTES AND DETAILS.

#### PHASE TRANSITION

- THE CONTRACTOR WILL CONTACT THE AIRPORT A MINIMUM OF 7 DAYS BEFORE THE DESIRED INITIATION DATE OF WORK IN EACH WORK AREA, AND KEEP THE AIRPORT APPRISED OF ANY CHANCES TO THE PROJECT SCHEDULE, BOTH IMMEDIATE AND OVERALL.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS NOTICE TO AIRPORT OPERATIONS PRIOR TO THE REQUESTED CLOSURE OF ANY TAXIWAYS. THE AIRPORT HAS FINAL AUTHORITY ON DETERMINING CLOSURE DATES AND TIMES OF AIRFIELD PAVEMENTS.
- 3. BARRICADES SHALL BE PLACED AS SHOWN ON THE SAFETY PLAN SHEETS BEFORE WORK BEGINS IN ANY WORK AREA AND SHALL REMAIN IN PLACE FOR THE DURATION OF THE WORK IN THAT AREA.
- PRIOR TO REMOVING ANY BARRICADES AND REOPENING ANY PAVEMENTS, THE CONTRACTOR SHALL THOROUGHLY CLEAN AND INSPECT THE AREA.

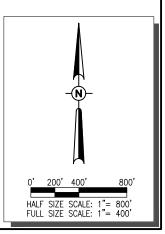
#### **LEGEND**



HAUL ROUTE

CONSTRACTOR STAGING AREA

- LOW-PROFILE BARRICADE
- ★ RUNWAY/TAXIWAY CLOSURE "X"
- (CP1) SAFETY CRITICAL POINT





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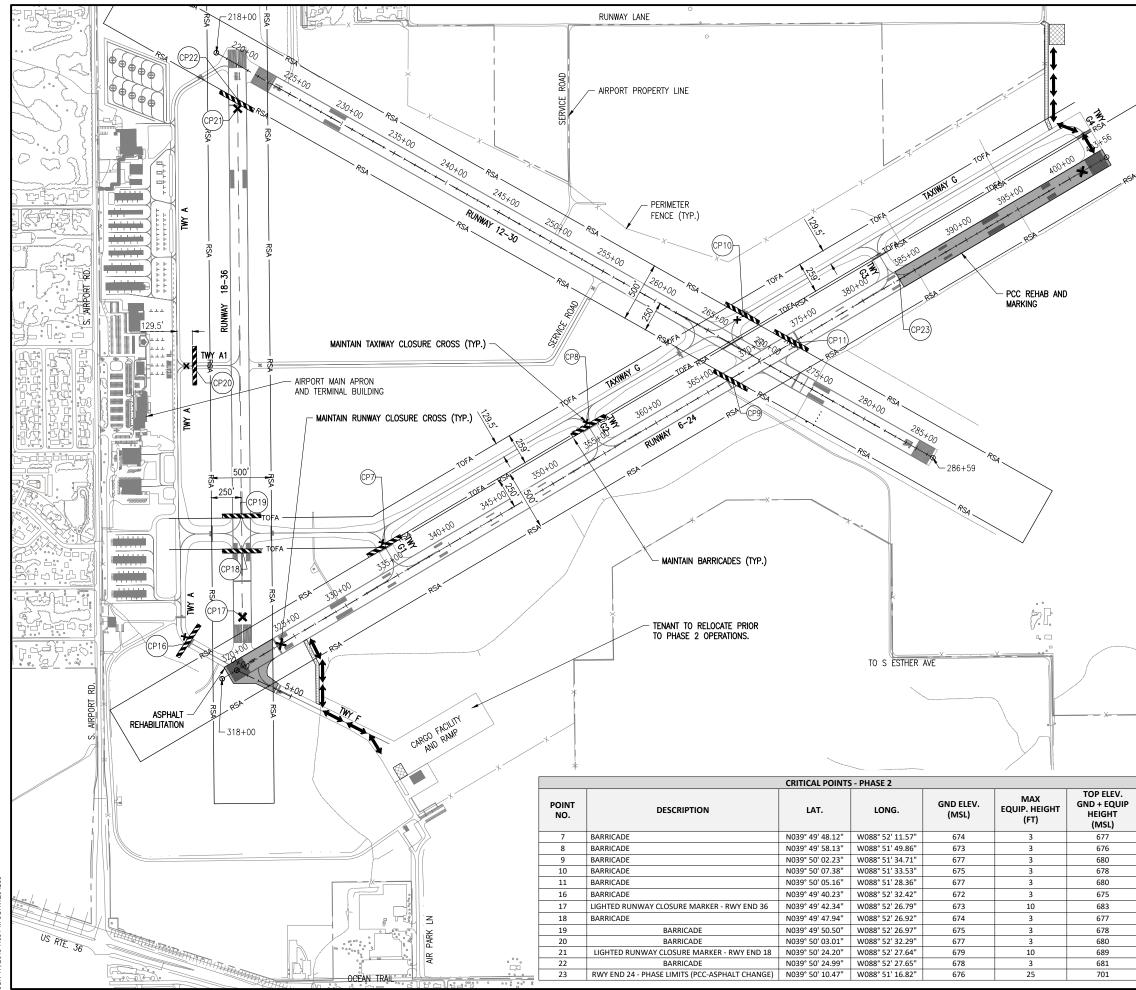
 DESIGN BY:
 MJD
 05/07/2019

 DRAWN BY:
 MJD
 05/07/2019

 REVIEWED BY:
 KBS
 06/07/19

SHEET TITLE

# SAFETY PLAN -PHASE 1



19JOBS/1940026/1940026D/CAD/AIRPORT/SHEET/C-101-4 IN 17 2019 7-06 PM SCHWED1296

# PHASE 2 NOTES

#### SCOPE OF WORK

- 1. THE PROPOSED SAFETY PLAN WILL GOVERN WHEN WORK IS BEING COMPLETED IN THE SHADED REGIONS SHOWN ON THE PLANS.
- 2. THE PROPOSED WORK WILL INCLUDE REHABILITATING RUNWAY END 6 THROUGH MILLING AND OVERLAYING 4 INCHES OF BITUMINOUS PAVEMENT, PARTIAL AND FULL DEPTH PATCHING, CLEANING AND SEALING BITUMINOUS CRACKS, MARKING, GROOVING, AND SHOULDER ADJUSTMENT. THE WORK WILL ALSO INCLUDE REHABILITATION OF PORTLAND CEMENT CONCRETE (PCC) PAVEMENT NEAR RUNWAY END 24 THROUGH JOINT AND CRACK CLEANING AND SEALING, SPALL REPAIR, AND MARKING.

#### **CLOSURES**

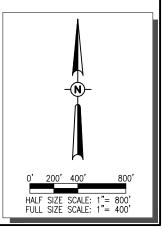
- 1. RUNWAY 6/24 AND 18/36 WILL BE CLOSED AND A LIGHTED "X" WILL BE PLACED AT EACH END AS SHOWN. SEE SAFETY NOTES AND DETAILS.
- TAXIWAY F WILL BE CLOSED. NO FLAGGER(S) WILL BE REQUIRED. THE TENANT IS TO RELOCATE PRIOR TO PHASE 2. THE CONTRACTOR WILL PROVIDE ADVANCE NOTICE TO THE AIRPORT MANAGER PRIOR TO STARTING PHASE 2.
- TAXIWAY G3, TAXIWAY G4, AND A PORTION OF TAXIWAY G AS DEPICTED ON THE PLAN VIEW. TEMPORARILY CLOSED TAXIWAYS WILL MARKED WITH FLAT YELLOW "X." SEE SAFETY NOTES AND DETAILS.

#### PHASE TRANSITION

- THE CONTRACTOR WILL CONTACT THE AIRPORT A MINIMUM OF 7 DAYS BEFORE THE DESIRED INITIATION DATE OF WORK IN EACH WORK AREA, AND KEEP THE AIRPORT APPRISED OF ANY CHANGES TO THE PROJECT SCHEDULE, BOTH IMMEDIATE AND OVERALL.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS NOTICE TO AIRPORT OPERATIONS PRIOR TO THE REQUESTED CLOSURE OF ANY TAXIWAYS. THE AIRPORT HAS FINAL AUTHORITY ON DETERMINING CLOSURE DATES AND TIMES OF AIRFIELD PAVEMENTS.
- 3. BARRICADES SHALL BE PLACED AS SHOWN ON THE SAFETY PLAN SHEETS BEFORE WORK BEGINS IN ANY WORK AREA AND SHALL REMAIN IN PLACE FOR THE DURATION OF THE WORK IN THAT AREA.
- PRIOR TO REMOVING ANY BARRICADES AND REOPENING ANY PAVEMENTS, THE CONTRACTOR SHALL THOROUGHLY CLEAN AND INSPECT THE AREA.

#### LEGEND

- PROJECT/WORK AREA
- HAUL ROUTE
- CONSTRACTOR STAGING AREA
- LOW-PROFILE BARRICADE
- ✗ RUNWAY/TAXIWAY CLOSURE "X"
- (CP) SAFETY CRITICAL POINT





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IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

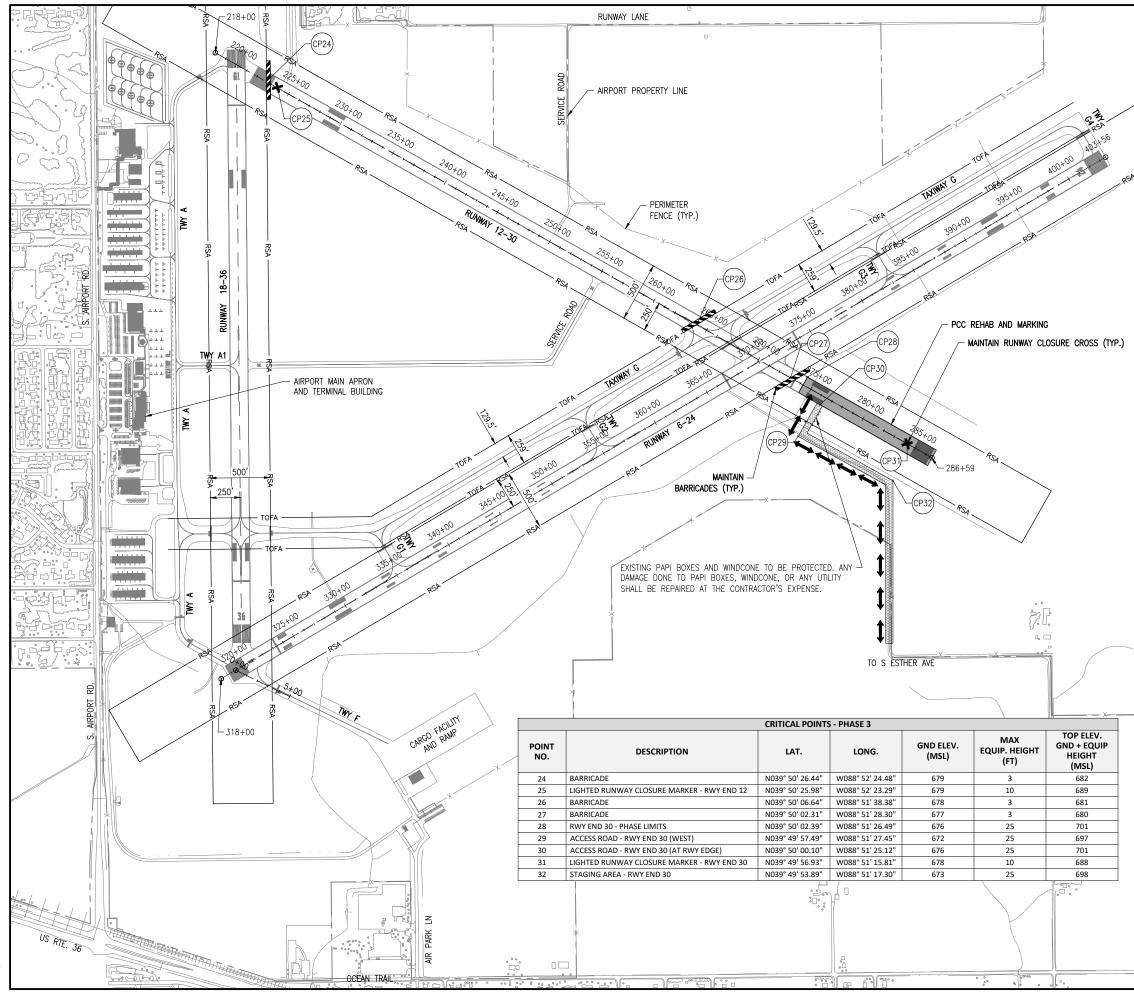
Contract No. DE083

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ISSUE: 06/07/2019				
PROJECT NO: 19A0026				
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CAD FILE: C-101-SFY.DWG DESIGN BY: MJD 05/07/2019 DRAWN BY: MJD 05/07/2019 REVIEWED BY: KBS 06/07/19

SHEET TITLE

# SAFETY PLAN -PHASE 2



19JOBS/19A0026/19A0026D/CAD\AIRPORT\SHEET\C-101-SI JN 17, 2019 7:09 PM SCHWE01296

# PHASE 3 NOTES

#### SCOPE OF WORK

- 1. THE PROPOSED SAFETY PLAN WILL GOVERN WHEN WORK IS BEING COMPLETED IN THE SHADED REGIONS SHOWN ON THE PLANS.
- THE PROPOSED WORK INCLUDE REHABILITATION OF PORTLAND CEMENT CONCRETE (PCC) PAVEMENT NEAR RUNWAY END 30 THROUGH JOINT AND CRACK CLEANING AND SEALING, SPALL REPAIR, AND MARKING.
- 3. THE PROPOSED WORK CAN ONLY OCCUR AFTER RUNWAY 6/24 AND 18/36 HAVE BEEN OPENED TO AIRCRAFT.

#### <u>CLOSURES</u>

 RUNWAY 12/30 WILL BE CLOSED AND A LIGHTED "X" WILL BE PLACED AT EACH END AS SHOWN. SEE SAFETY NOTES AND DETAILS.

#### PHASE TRANSITION

- THE CONTRACTOR WILL CONTACT THE AIRPORT A MINIMUM OF 7 DAYS BEFORE THE DESIRED INITIATION DATE OF WORK IN EACH WORK AREA, AND KEEP THE AIRPORT APPRISED OF ANY CHANCES TO THE PROJECT SCHEDULE, BOTH IMMEDIATE AND OVERALL.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS NOTICE TO AIRPORT OPERATIONS PRIOR TO THE REQUESTED CLOSURE OF ANY TAXIWAYS. THE AIRPORT HAS FINAL AUTHORITY ON DETERMINING CLOSURE DATES AND TIMES OF AIRFIELD PAVEMENTS.
- 3. BARRICADES SHALL BE PLACED AS SHOWN ON THE SAFETY PLAN SHEETS BEFORE WORK BEGINS IN ANY WORK AREA AND SHALL REMAIN IN PLACE FOR THE DURATION OF THE WORK IN THAT AREA.
- PRIOR TO REMOVING ANY BARRICADES AND REOPENING ANY PAVEMENTS, THE CONTRACTOR SHALL THOROUGHLY CLEAN AND INSPECT THE AREA.

# <u>LEGEND</u>

PROJECT/WORK AREA

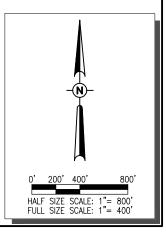
HAUL ROUTE

CONSTRACTOR STAGING AREA

LOW-PROFILE BARRICADE



(CP1) SAFETY CRITICAL POINT





Offices Nationwide

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Illinois Licensed Professional Service Corporation #184-001084



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

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 C-101-SFY.DWG

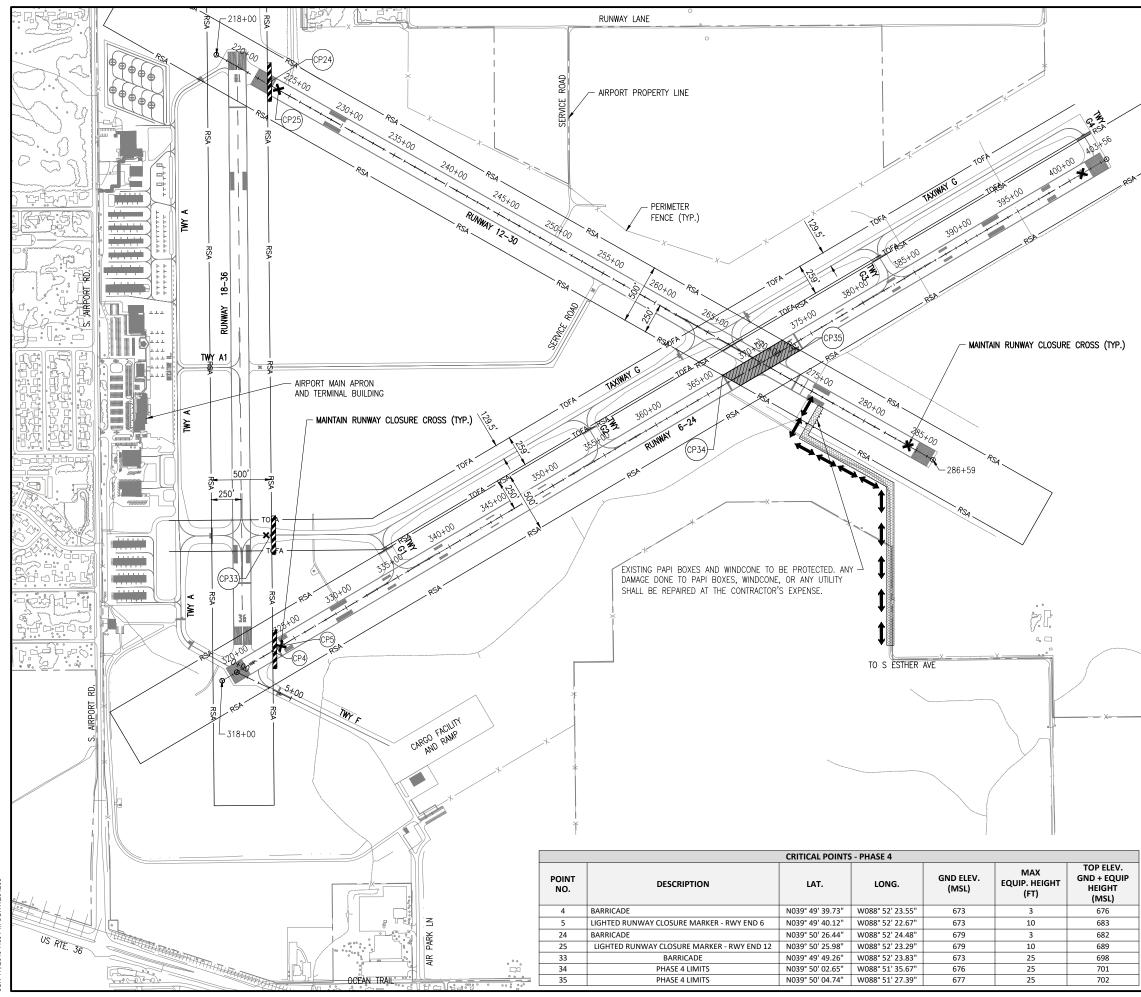
 DESIGN BY:
 MJD 05/07/2019

 DRAWN BY:
 MJD 05/07/2019

 REVIEWED BY:
 KBS 06/07/19

SHEET TITLE

### SAFETY PLAN -PHASE 3



19J/OBS/19A0026/19A0026D/CAD/AIRPORT/SHEET/C-101-S IN 17 2019 7:09 PM SCHWE01296

### PHASE 4 NOTES

#### SCOPE OF WORK

- 1. THE PROPOSED SAFETY PLAN WILL GOVERN WHEN WORK IS BEING COMPLETED IN THE SHADED REGIONS SHOWN ON THE PLANS.
- 2. THE PROPOSED WORK INCLUDE RE-MARKING 6/24 WHERE IT INTERSECTS 12/30

#### CLOSURES

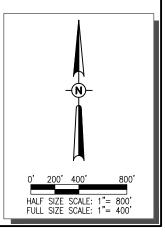
- 1. RUNWAY 6/24 AND 12/30 WILL BE CLOSED, AND A LIGHTED "X" WILL BE PLACED AT EACH END AS SHOWN. SEE SAFETY NOTES AND DETAILS. THE CONTRACTOR WILL HAVE A MAXIMUM OF 1 DAY OF CLOSURE TO COMPLETE THIS WORK.
- 2. TAXIWAY G WILL BE CLOSED.

#### PHASE TRANSITION

- THE CONTRACTOR WILL CONTACT THE AIRPORT A MINIMUM OF 7 DAYS BEFORE THE DESIRED INITIATION DATE OF WORK IN EACH WORK AREA, AND KEEP THE AIRPORT APPRISED OF ANY CHANCES TO THE PROJECT SCHEDULE, BOTH IMMEDIATE AND OVERALL.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS NOTICE TO ARPORT OPERATIONS PRIOR TO THE REQUESTED CLOSURE OF ANY TAXIWAYS. THE AIRPORT HAS FINAL AUTHORITY ON DETERMINING CLOSURE DATES AND TIMES OF AIRFIELD PAVEMENTS.
- 3. BARRICADES SHALL BE PLACED AS SHOWN ON THE SAFETY PLAN SHEETS BEFORE WORK BEGINS IN ANY WORK AREA AND SHALL REMAIN IN PLACE FOR THE DURATION OF THE WORK IN THAT AREA.
- 4. PRIOR TO REMOVING ANY BARRICADES AND REOPENING ANY PAVEMENTS, THE CONTRACTOR SHALL THOROUGHLY CLEAN AND INSPECT THE AREA.

#### <u>LEGEND</u>

- PROJECT/WORK AREA
- HAUL ROUTE
- CONSTRACTOR STAGING AREA
- LOW-PROFILE BARRICADE
- ✗ RUNWAY/TAXIWAY CLOSURE "X"
- (CP) SAFETY CRITICAL POINT





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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

Contract No. DE083

NO.	DATE	DES	CRIPT	ION
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CAD FILE: C-101-SFY.DWG DESIGN BY: MJD 05/07/2019 DRAWN BY: MJD 05/07/2019 REVIEWED BY: KBS 06/07/19

SHEET TITLE

# SAFETY PLAN -PHASE 4

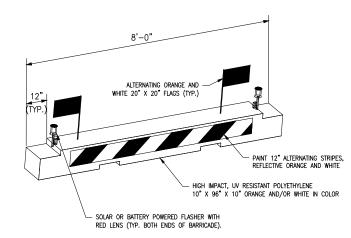
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# NOTES:

- 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 AND INCIDENTAL TO TRAFFIC MAINTENANCE. 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.

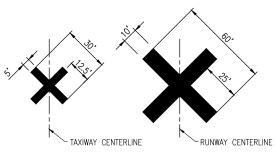
# LIGHTED RUNWAY CLOSURE MARKER



#### 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
- 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.
- 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 6 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.
- COST FOR PROVIDING, PLACING, MAINTAINING, RELOCATING AND REMOVING BARRICADES SHALL BE INCLUDED IN THE TRAFFIC MAINTENANCE ITEM.

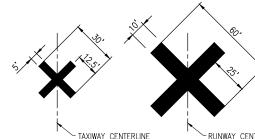


- 1. TEMPORARY CLOSURE CROSS MARKINGS SHALL BE "AVIATION YELLOW."
- 2. TEMPORARY CLOSURE CROSS MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, SNOW FENCE, OR AN APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.
- 3. COST FOR PROVIDING, PLACING, MAINTAINING, RELOCATING AND REMOVING CLOSURE CROSSES SHALL BE INCLUDED IN THE COST OF THE TRAFFIC MAINTENANCE 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.
- 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, 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. PRIOR TO ACCESSING THE AIRFIELD, ANY DESIGNATED CONTRACTOR OR SUBCONTRACTOR EMPLOYEES WHO WILL BE OPERATING OR ESCORTING A VEHICLE ON AN ACTIVE AREA OF THE AIRFIELD MUST ATTEND A 1 HOUR AIRFIELD SAFETY TRAINING AND ORIENTATION PROVIDED BY THE AIRPORT. PRIOR TO THE TRAINING. THE EMPLOYEES MUST BE FAMILIAR WITH THE "FAA GUIDE TO GROUND VEHICLE OPERATIONS" AND KEEP A HARD COPY IN THE VEHICLE FOR REFERENCE. THE GUIDE CAN BE FOUND AT https://www.faa.gov/airports/runway\_safety/media/Ground\_Vehicle\_Guide\_Proof\_Final.pdfCONTRACTOR\_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 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" (CURRENT EDITION).
- 7. NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 500' 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 150/5370-2, "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 150/5370-2, 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. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., MARKED, BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
- 10. 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 EAA.
- 11. 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.
- 12. 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.
- 13. 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 DAMAGE.
- 14. ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- 15. 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.
- 16. CONTRACTOR SHALL MARK HAZARDOUS AREAS WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- 17. 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
- 18. THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING MEASURES TO CONTROL OR AVOID CREATING ATTRACTANTS TO WILDLIFE. MEASURES MAY INCLUDE CONTINUOUSLY REMOVING ANY WASTE OR LOOSE MATERIALS. PLACEMENT OF MATERIALS IN APPROPRIATE STORAGE CONTAINERS, PROPERLY MAINTAINING FENCES AND GATES TO PREVENT ACCESS, AND PREVENTING PONDING OF WATER THROUGHOUT THE
- 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 AIRFIELD PAVEMENT AREA WITHOUT AN APPROPRIATE ESCORT. 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.





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

PHASE 2: REHAB ASPHALT ON RWY 6-24: REHAB CONCRETE ON RWY 6-24 & 12-30

IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

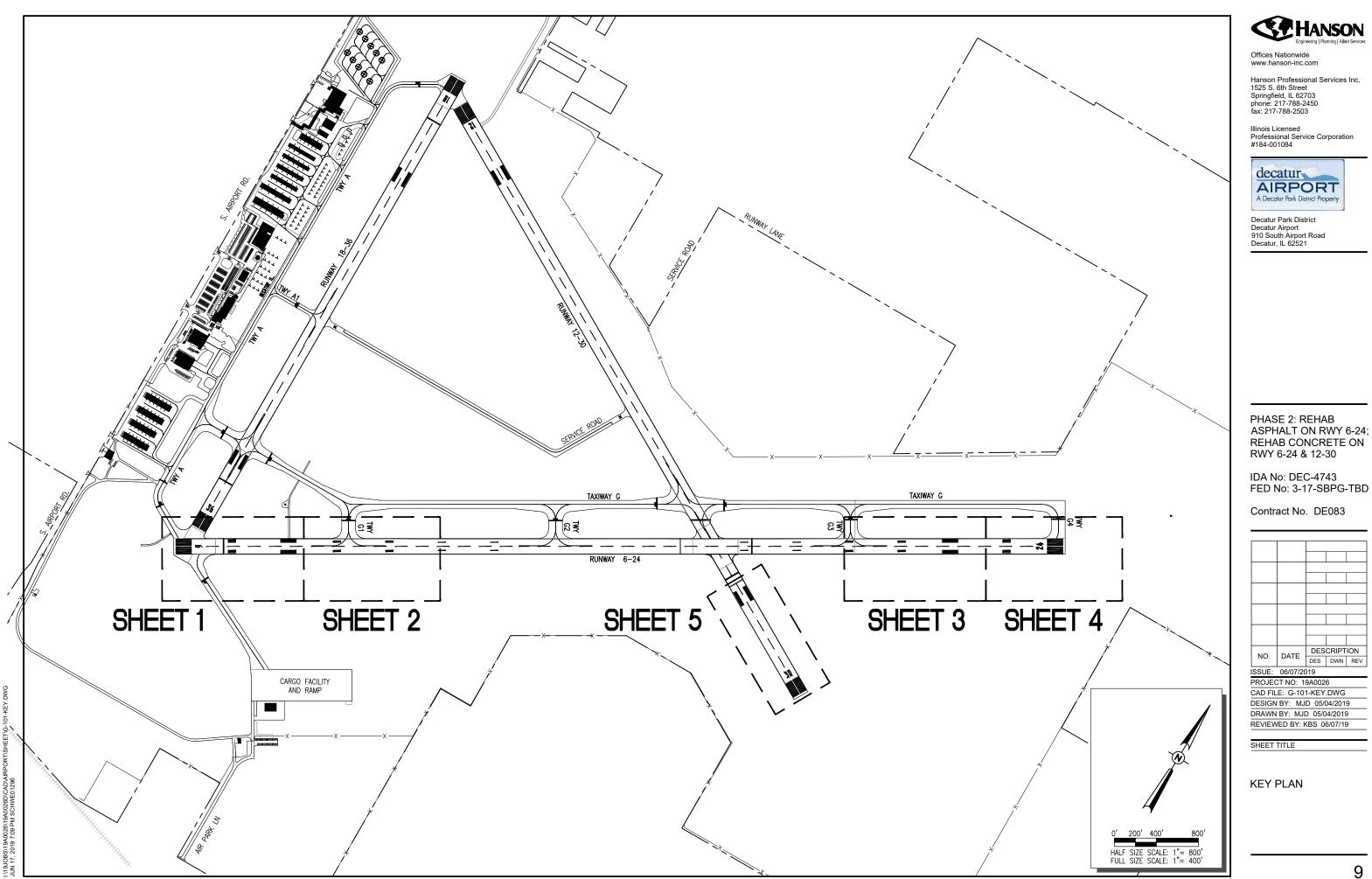
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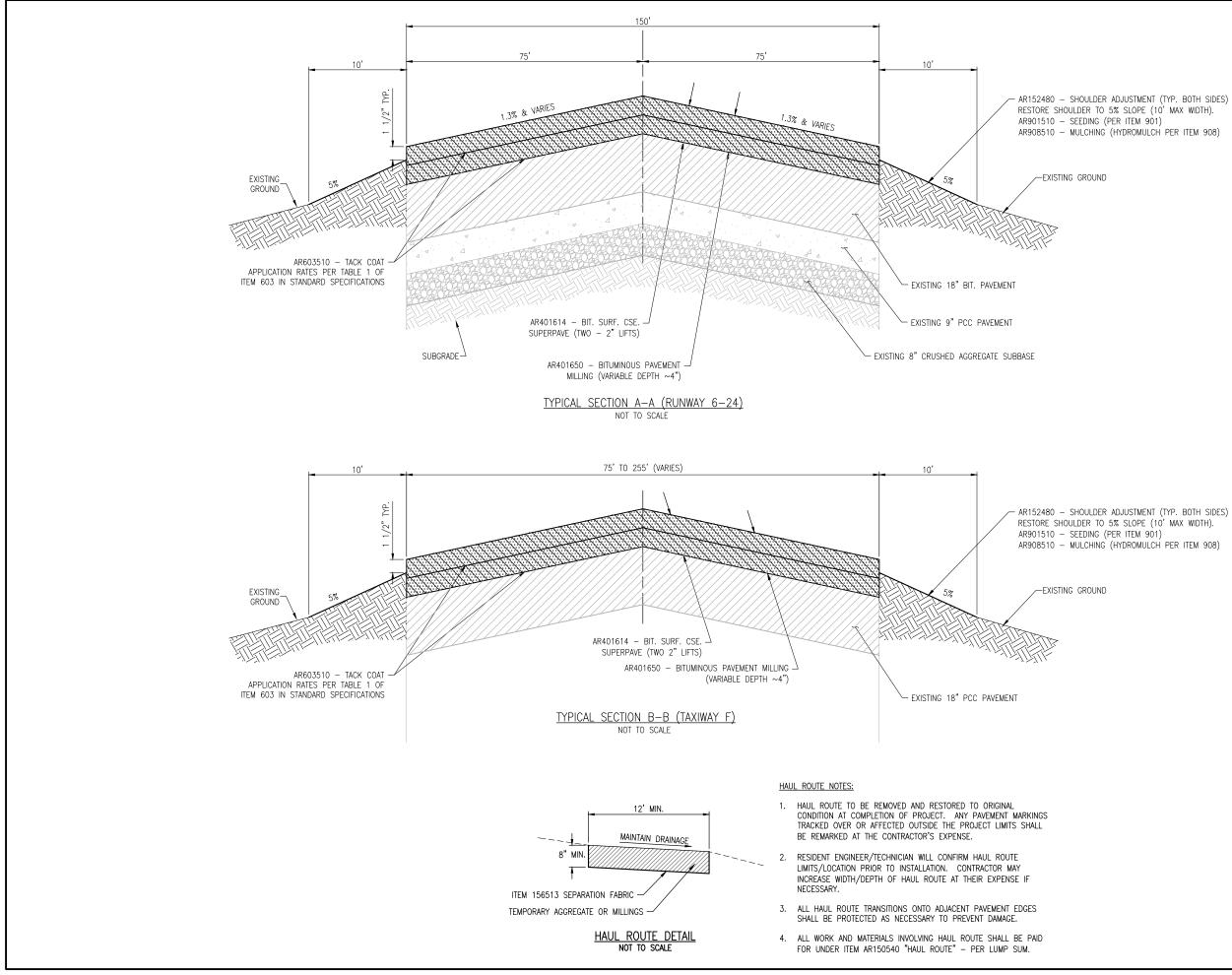
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SHEET TITLE

### SAFETY NOTES AND DETAILS





AR152480 - SHOULDER ADJUSTMENT (TYP. BOTH SIDES) AR908510 - MULCHING (HYDROMULCH PER ITEM 908)

AR908510 - MULCHING (HYDROMULCH PER ITEM 908)



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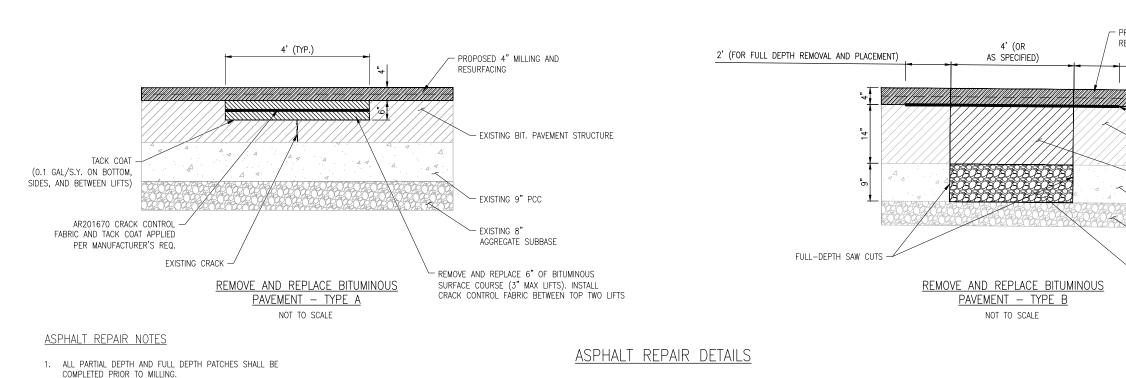
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# TYPICAL PAVEMENT SECTIONS

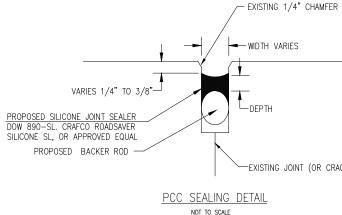


#### ROUTE AND SEAL CRACKS

- 1. THIS WORK SHALL CONSIST OF ROUTING, CLEANING AND SEALING EXISTING RANDOM CRACKS WITHIN THE WORK AREA AS SHOWN ON THE CONSTRUCTION PLANS OR IDENTIFIED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND THESE PLANS.
- 2. THE CRACK SIZES VARY APPROXIMATELY FROM 1/8" TO 1-1/2" IN WIDTH AND MAY HAVE BEEN PREVIOUSLY ROUTED AND SEALED.
- THE PROPOSED SEALANT MATERIAL FOR RESEALING THE CRACKS WILL BE DOW 3. 890-SL, CRAFCO ROADSAVER SILICONE SL, OR APPROVED EQUAL. PREPARATION SHALL INCLUDE THE REMOVAL OF OLD SEALANT (IF PRESENT). ROUTING THE CRACKS TO A WIDTH SUITABLE FOR PROPER INSTALLATION OF BACKER ROD AND SEALANT, CLEANING THE ROUTED CRACKS, INSTALLATION OF BACKER ROD, AND INSTALLATION OF SILICONE SEALANT IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- 4. ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION WILL BE ROUTED AND SEALED.

#### JOINT CLEANING AND SEALING

- THE EXISTING PAVEMENT JOINTS, AS SHOWN ON THE CONSTRUCTION 1. PLAN, SHALL BE CLEANED AND RESEALED IN ACCORDANCE WITH THE SPECIFICATIONS AND THESE PLANS.
- THE CONTRACTOR SHALL USE DOW 890-SL, CRAFCO ROADSAVER SILICONE SL, OR APPROVED EQUAL TO RESEAL THE JOINTS. THE 2. JOINT PREPARATION SHALL INCLUDE THE REMOVAL OF OLD SEALANT, CLEANING THE JOINTS, INSTALLATION OF BACKER ROD, AND INSTALLATION OF SILICONE SEALANT IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND THE MANUFACTURER'S RECOMMENDATION.
- 3. THE CONTRACTOR WILL BE REQUIRED TO REPAIR ANY JOINTS DAMAGED BY HIS OPERATIONS OR REPLACE ANY MATERIAL FOUND OUT OF SPECIFICATION DURING THE SEALING OPERATION AT HIS OWN EXPENSE.
- 4. THE RESIDENT ENGINEER SHALL EXAMINE THE WORK FOR THE FOLLOWING FEATURES: -JOINT FACE IS CLEAN AND DRY BEFORE SEALANT APPLICATION; -NO BACKER MATERIAL IS DAMAGED OR FLOATING IN THE SEALANT; -JOINTS ARE NOT UNDERFILLED OR OVERFILLED: -SEALANT HAS ADHERED TO THE FACE OF THE JOINT: -SPILLED SEALANT HAS BEEN REMOVED; AND -NO DEBRIS IS LEFT ON THE PAVEMENT SURFACE.

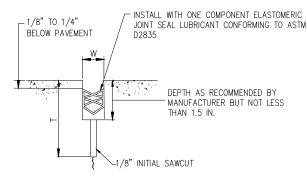


- PCC SEALING DETAIL NOTES
- JOINT WIDTH AND DEPTH WILL VARY DUE TO EXISTING CONDITIONS AND SAWING AND 1 CLEANING OPERATIONS. NOMINAL EXISTING JOINT WIDTHS RANGE FROM 3/8" TO 1/2" BASED ON RECORD DRAWINGS AND FIELD SPOT CHECKS. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFICATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO VARIANCES IN JOINT DIMENSIONS.
- JOINTS SHALL BE RESHAPED TO A DEPTH TO WIDTH RATIO OF 0.5 FOR SILICONE 2. SEALANTS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

 $\frac{\text{DEPTH}}{\text{WIDTH}} = 0.5$ 

SEE TABLE (RIGHT) FOR BACKER ROD SIZE.

	RESERVOIR WIDTH	BACKER ROD DIAMET
ACK)	1/8" TO 7/8"	RESERVOIR WIDTH +
	1" TO 1-1/4"	RESERVOIR WIDTH +
	1-1/2" OR MORE	RESERVOIR WIDTH +



NOTE: PREFORMED COMPRESSION SEAL MUST BE IN COMPRESSION AT ALL TIMES.

ALTERNATE-PREFORMED JOINT SEALANT NOT TO SCALE

# PCC JOINT & CRACK SEALING DETAILS

W = WIDTH OF S	SEALANT F	RESERVOIR	
JOINT SPACING	1	W	
JUINT SPACING	MIN	MAX	
<25 ft.	1/2 in.	5/8 in.	

- D = DEPTH OF SEALANT; 1.0 TO 1.5 TIMES W/4 + 1"
- T = DEPTH OF INITIAL SAWCUT:
  - -1/4 OF THE SLAB THICKNESS FOR PAVEMENT LESS THEN 12 IN. OR WHERE THERE IS THE USE OF AN OPEN GRADED STABILIZED SUBBASE
  - -3 IN. FOR PAVEMENTS 12-18 IN.; OR 1/6 OF THE SLAB THICKNESS FOR PAVEMENTS OVER 18 IN.

PROPOSED 4" MILLING AND RESURFACING 2' (FOR FULL DEPTH REMOVAL AND PLACEMENT)

AR201670 CRACK CONTROL FABRIC. PLACED AFTER MILLING - EXISTING BIT. PAVEMENT REMOVE & REPLACE 14" BIT. SURFACE CSE. (3.5" LIFT MAXIMUM) - EXISTING 9" PCC EXISTING 8" AGGREGATE SUBBASE

REMOVE CONCRETE AND REPLACE WITH 9" CRUSHED AGGREGATE BASE COURSE

<u>er</u>
1/8"
1/4"
1/2"



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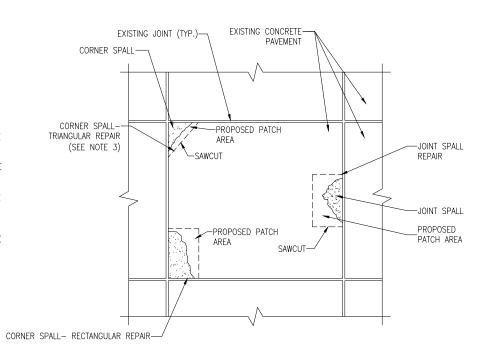
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**ASPHALT REPAIR &** PCC JOINT SEALING DETAILS

# REPAIR OF PAVEMENT DISTRESSES IN PCC PAVEMENTS

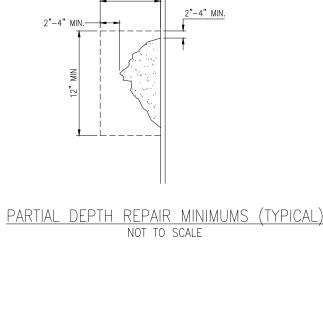
THESE ITEMS SHALL CONSIST OF THE REPAIR OF MINOR POPOUTS, CORE HOLES, MINOR CRACKS, AND SPALLING AT SLAB CORNERS AND ALONG JOINTS IN THE CONCRETE PAVEMENT. THE DETERIORATED CONCRETE WILL BE REMOVED, THE PATCH AREA CLEANED, AND PATCH MATERIAL PLACED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

- THE INTENT OF THESE ITEMS IS FOR REMOVAL AND REPLACEMENT OF ALL DETERIORATED CONCRETE AND TO MAINTAIN THE AREA OF THE REPAIR TO THE MINIMUM PRACTICAL SIZE TO ENSURE A LASTING REPAIR WHILE AVOIDING UNNECESSARY REMOVAL OF SOUND CONCRETE. ALL PAVEMENT REPAIR AREAS WILL BE MARKED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.
- 2. IN REMOVING THE CONCRETE WITHIN THE PATCH AREA, THE CONTRACTOR SHALL BE CAUTIOUS AS TO NOT DAMAGE OR FRACTURE THE CONCRETE BELOW THE REQUIRED DEPTH. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- . PAVEMENT AND UNSOUND CONCRETE WITHIN SAWCUTS SHALL BE BROKEN OUT AND REMOVED TO A DEPTH NOT LESS THAN 2 IN. OR 1/2 IN. INTO VISUALLY SOUND CONCRETE, WHICHEVER IS DEEPER. EXPOSED CAVITY SURFACES SHALL BE CLEANED AS SPECIFIED. IN REMOVING THE CONCRETE WITHIN THE PATCH AREA, THE CONTRACTOR SHALL BE CAUTIOUS AS TO NOT DAMAGE OR FRACTURE THE CONCRETE BELOW THE REQUIRED DEPTH. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 4. AFTER REMOVAL OF THE CONCRETE, THE SURFACE OF THE PATCH AREA SHALL BE PREPARED AND THE PATCH COMPLETED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE SPECIAL PROVISIONS.
- 5. WHERE SPALL REPAIRS ARE REQUIRED ON EACH SIDE OF A JOINT OR CRACK. THE SPALL SHALL BE REPAIRED PRIOR TO JOINT CLEANING AND SEALING OPERATIONS. UNDER NO CIRCUMSTANCE WILL A SPALL REPAIR BRIDGE A JOINT OR CRACK.
- 3. THE "RUN-OUT" OF THE SAW CUTS INTO THE EXISTING SLAB SHALL BE FILLED WITH THE SAME SILICONE SEALANT AS USED IN THIS PROJECT FOR RESEALING THE JOINTS. NO ADDITIONAL PAYMENT WILL BE MADE FOR SEALING THE "RUN-OUT" SAW CUT AREAS.
- 7. ALL REPAIR AREAS SHALL EXTEND A MINIMUM OF 2 TO 4 INCHES PAST THE SPALL OR CRACK REPAIR AREA INTO SOUND CONCRETE..



PARTIAL DEPTH REPAIR (PLAN VIEW)

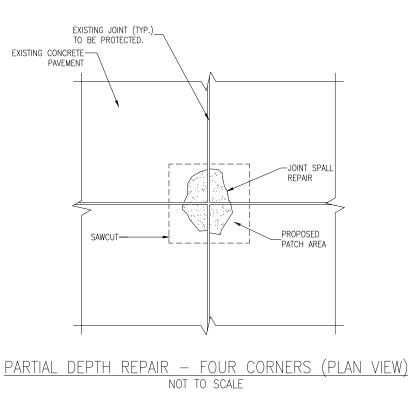
NOT TO SCALE



6" MIN

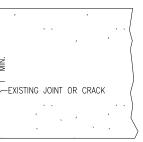
PROPOSED PATCH MATERIAL DELPATCH, WABO-ELASTO PATCH, OR AN APPROVED EQUAL I M DEPTH NOTE JOINT

### PARTIAL DEPTH SPALL REPAIR (SECTION VIEW) NOT TO SCALE





-COMPRESSIBLE INSERT TO RESTORE JOINT AND PREVENT PATCH MATERIAL FROM INFILTRATING INTO





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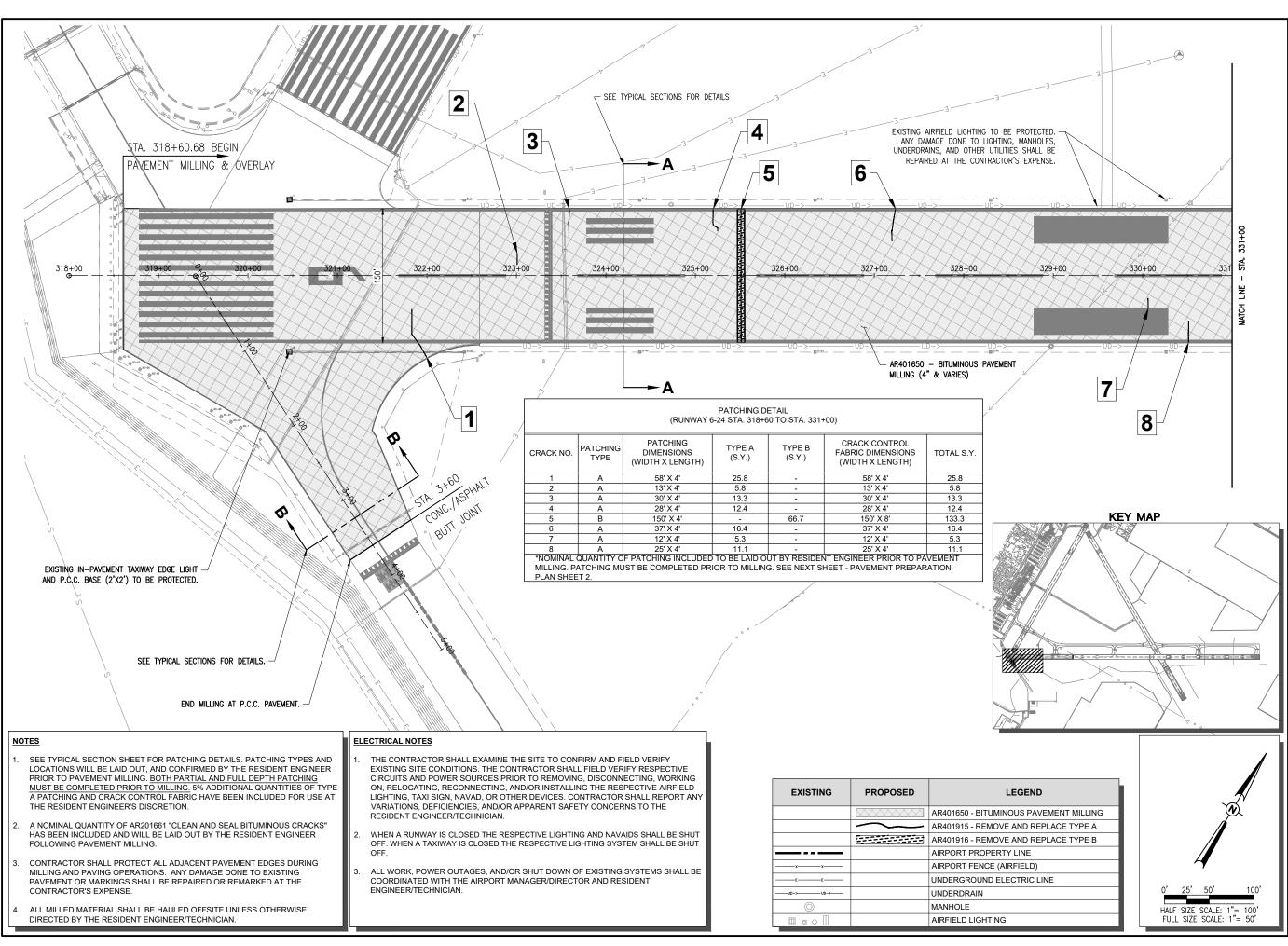
IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

Contract No. DE083

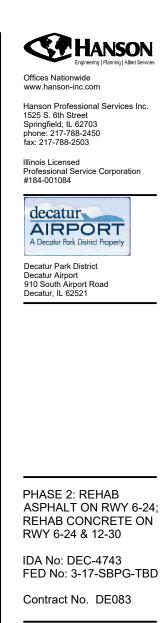
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DESIGN	DESIGN BY: MJD 05/04/2019				
DRAWN	BY: MJI	D 05/0	4/2019	9	
REVIEW	/ED BY: ł	KBS 0	6/07/19	Э	

SHEET TITLE

# PCC PAVEMENT **REPAIR DETAILS**



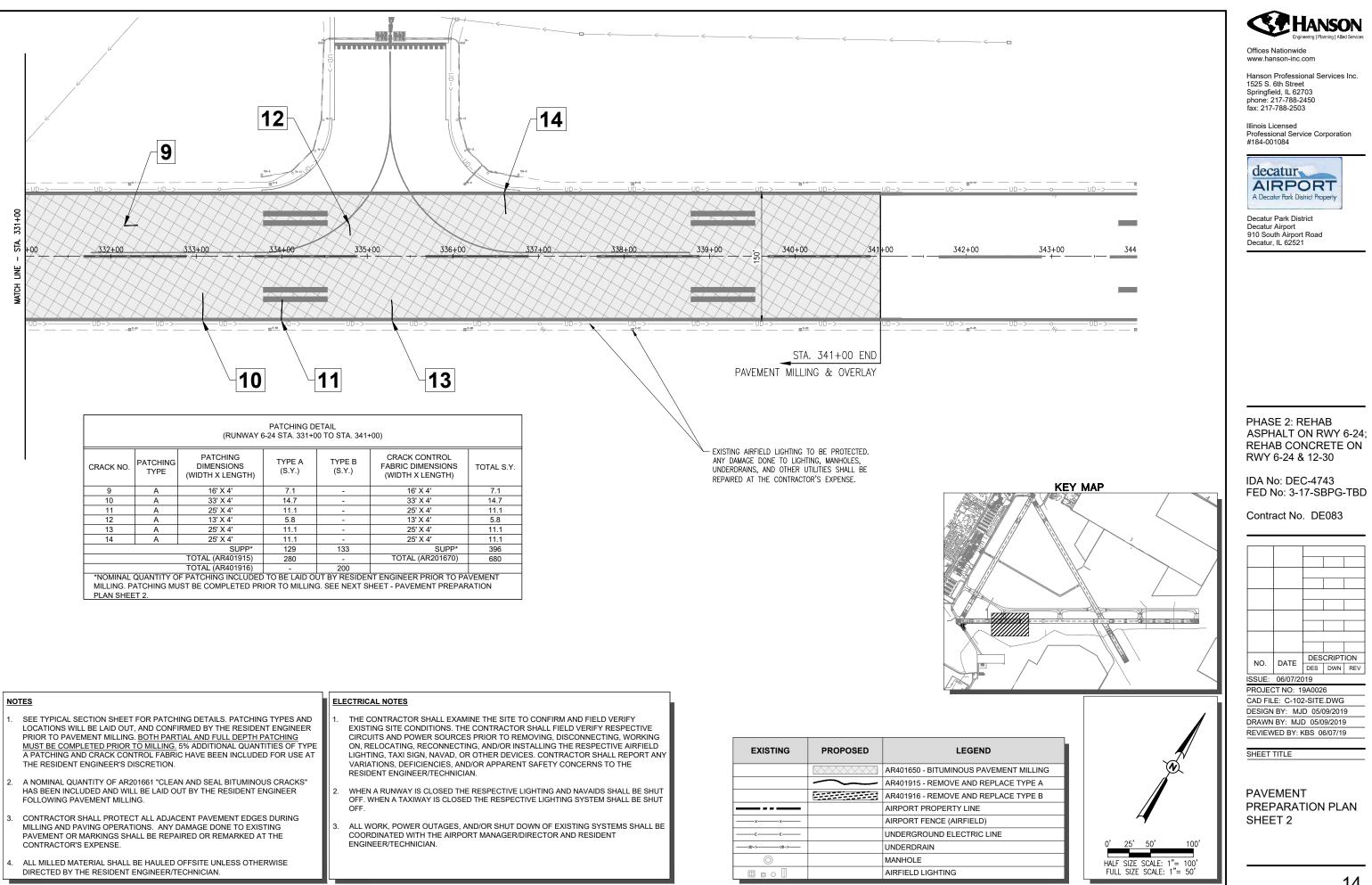


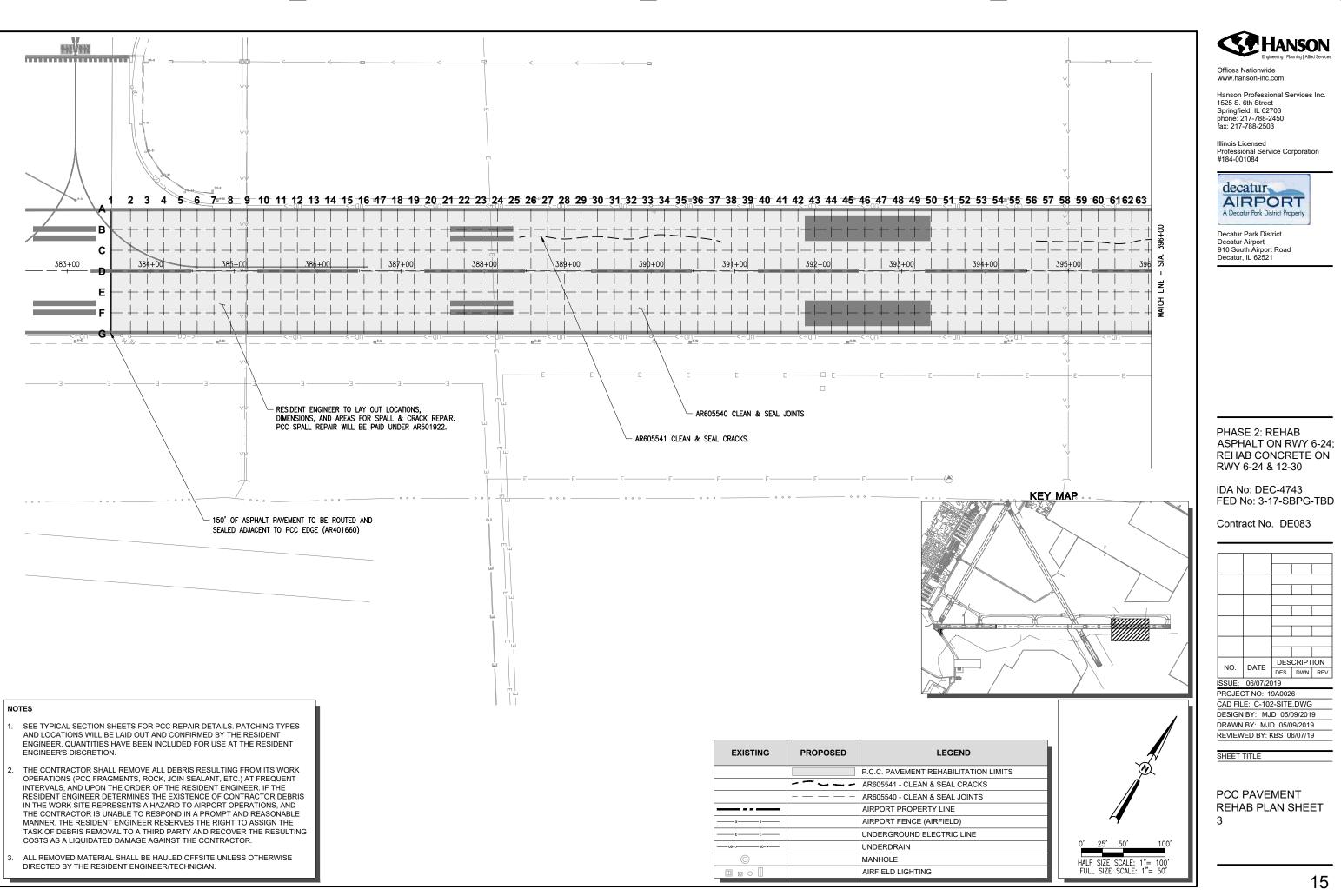


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DRAWN	BY: MJI	D 05/0	9/2019	<del>,</del>
REVIEW	ED BY:	KBS 0	6/07/19	•

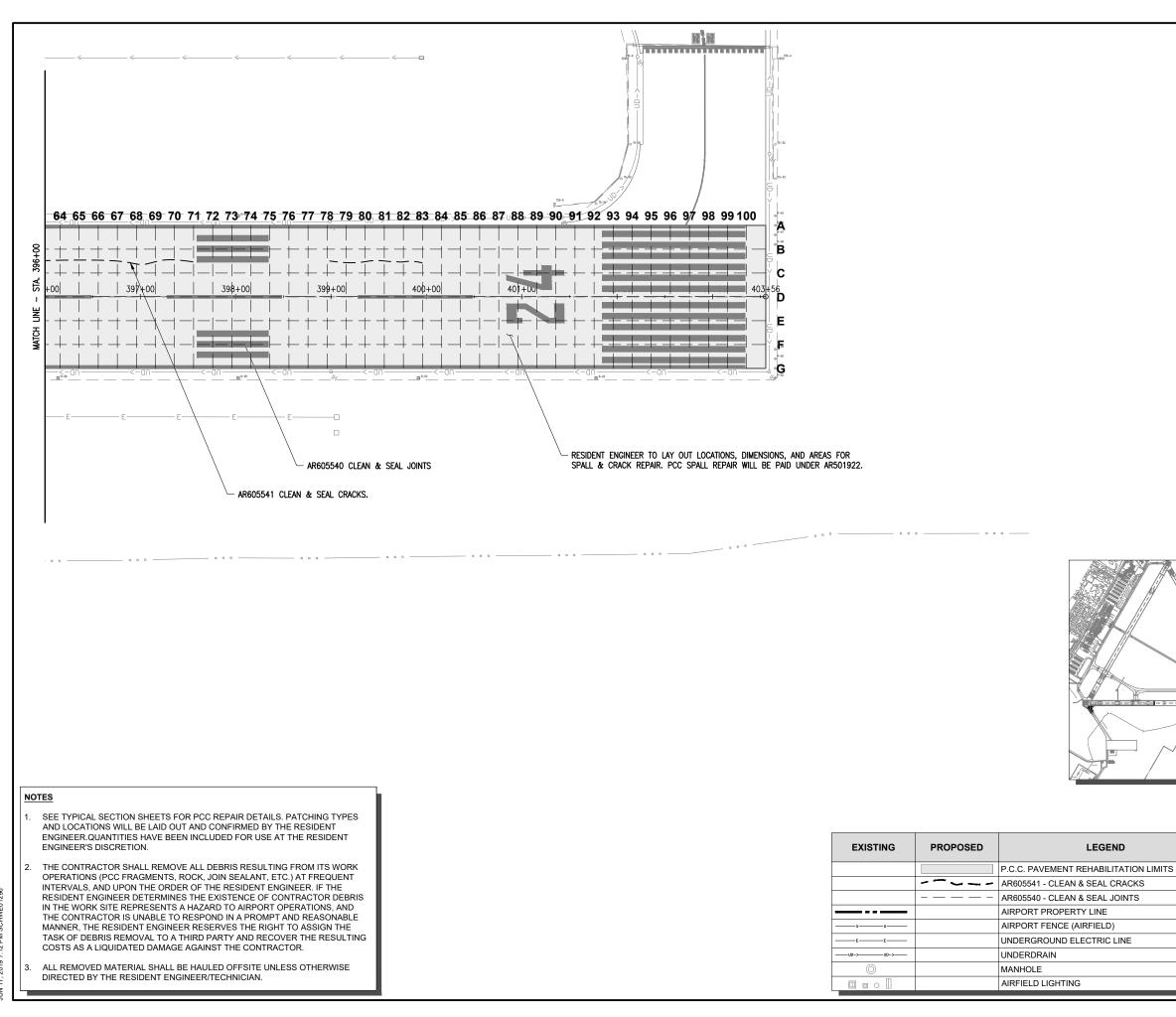
SHEET TITLE

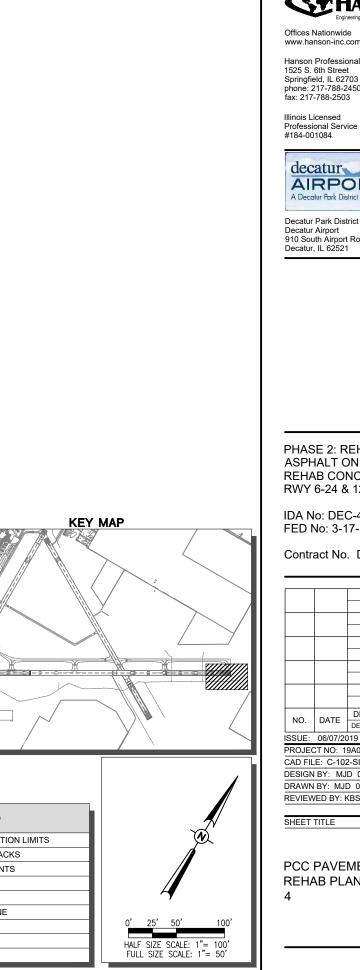
### PAVEMENT PREPARATION PLAN SHEET 1













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Professional Service Corporation



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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

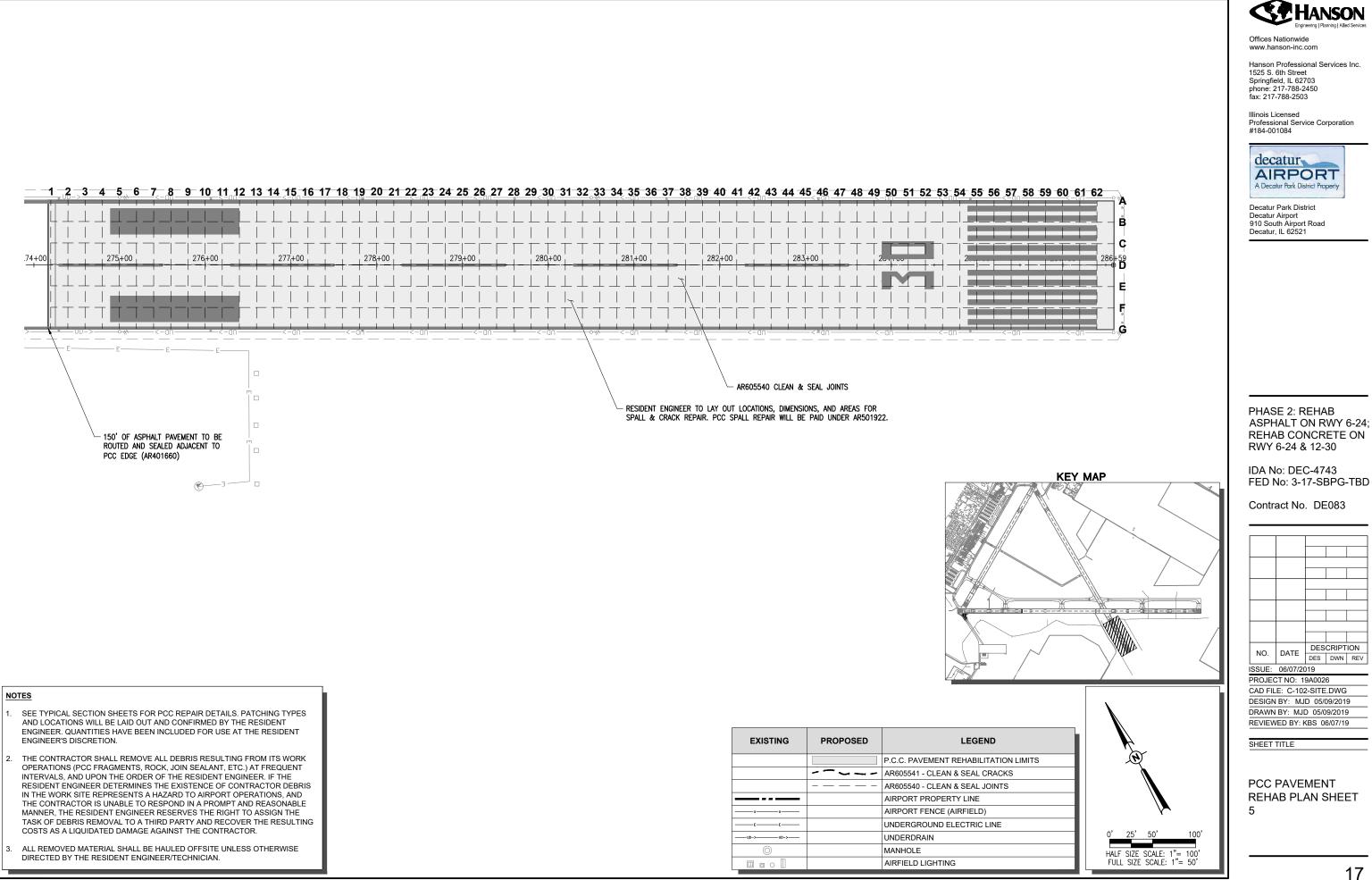
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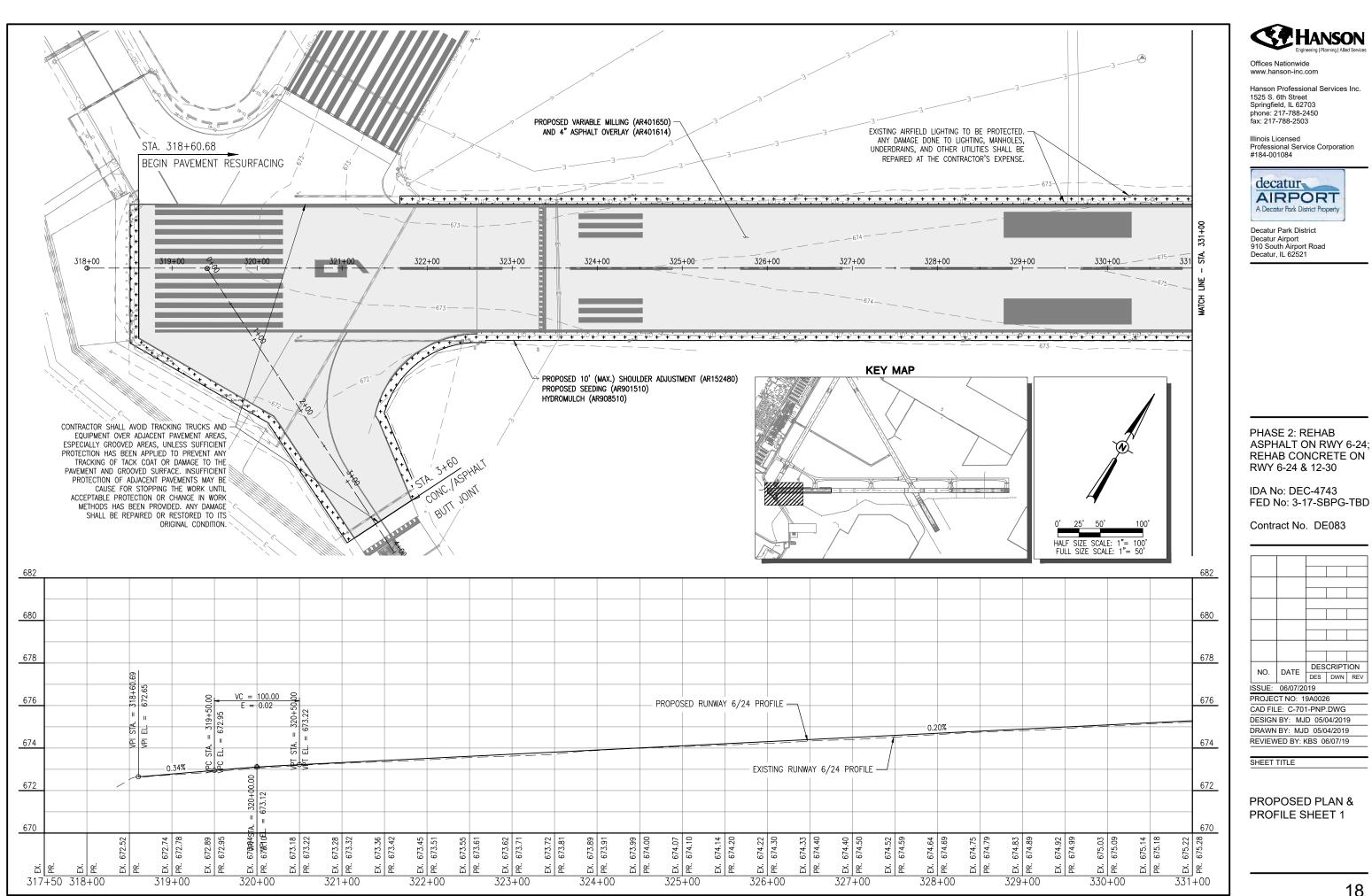
Contract No. DE083

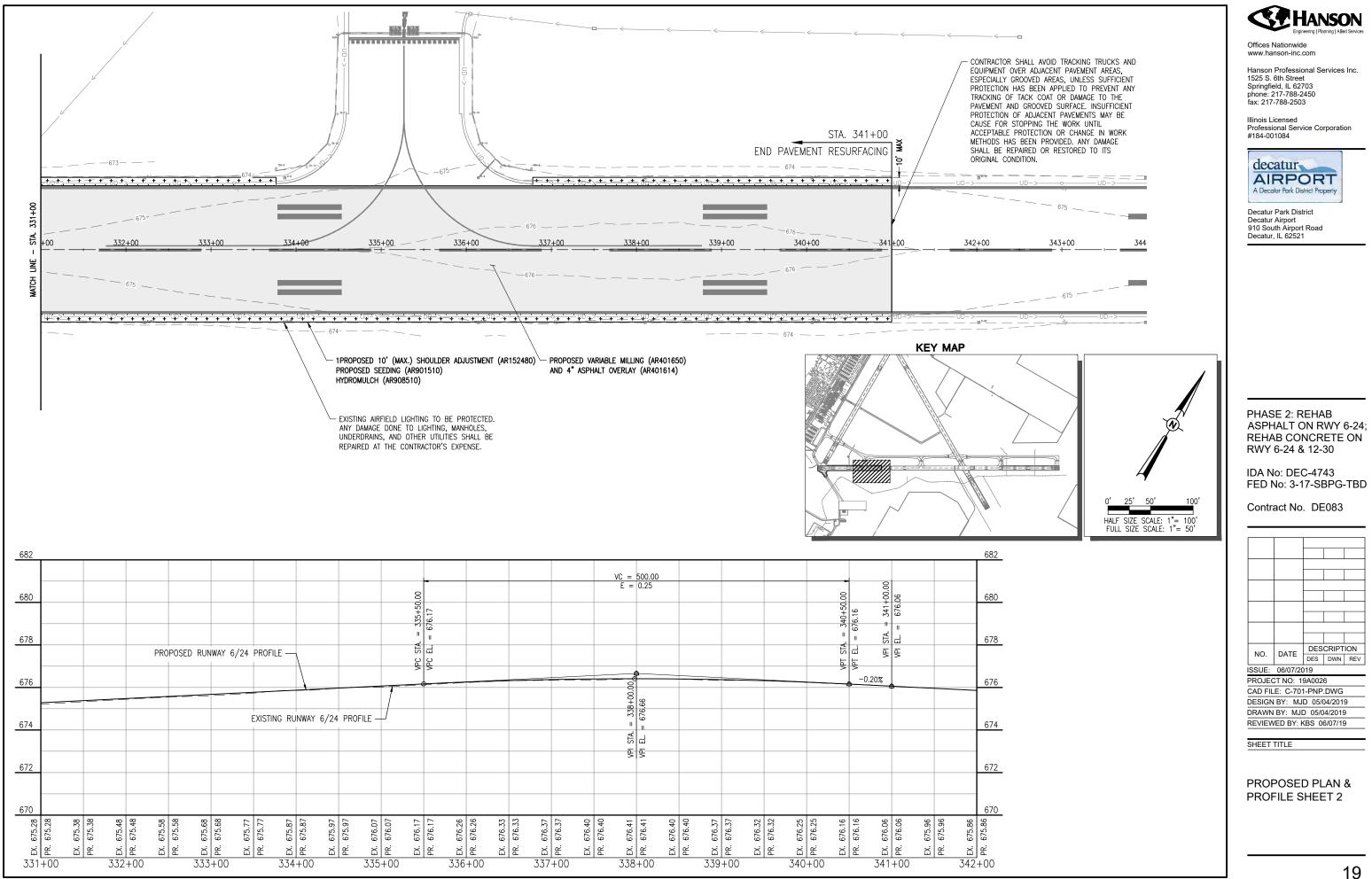
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ISSUE: 06/07/2019				
PROJECT NO: 19A0026				

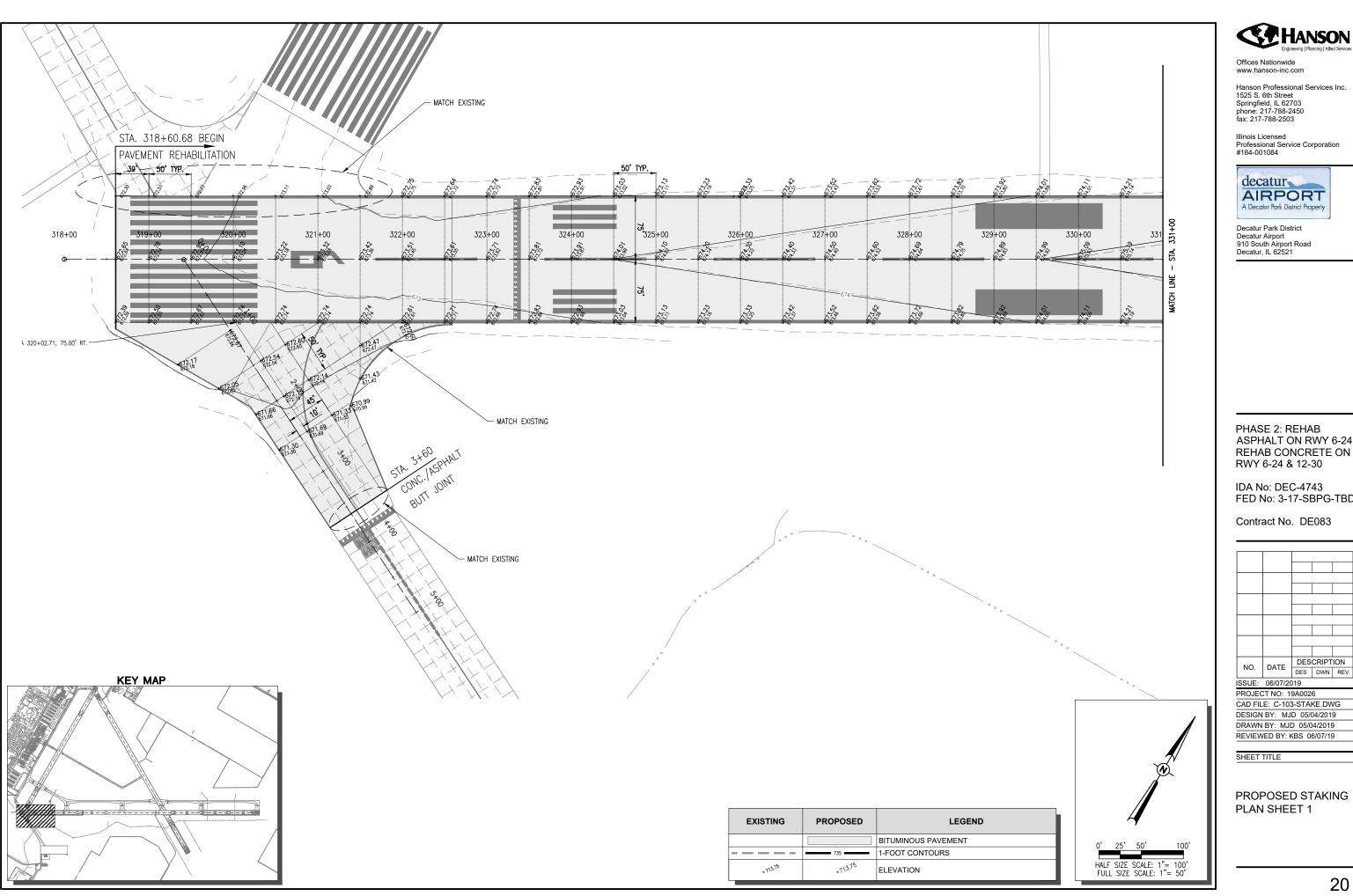
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# PCC PAVEMENT **REHAB PLAN SHEET**





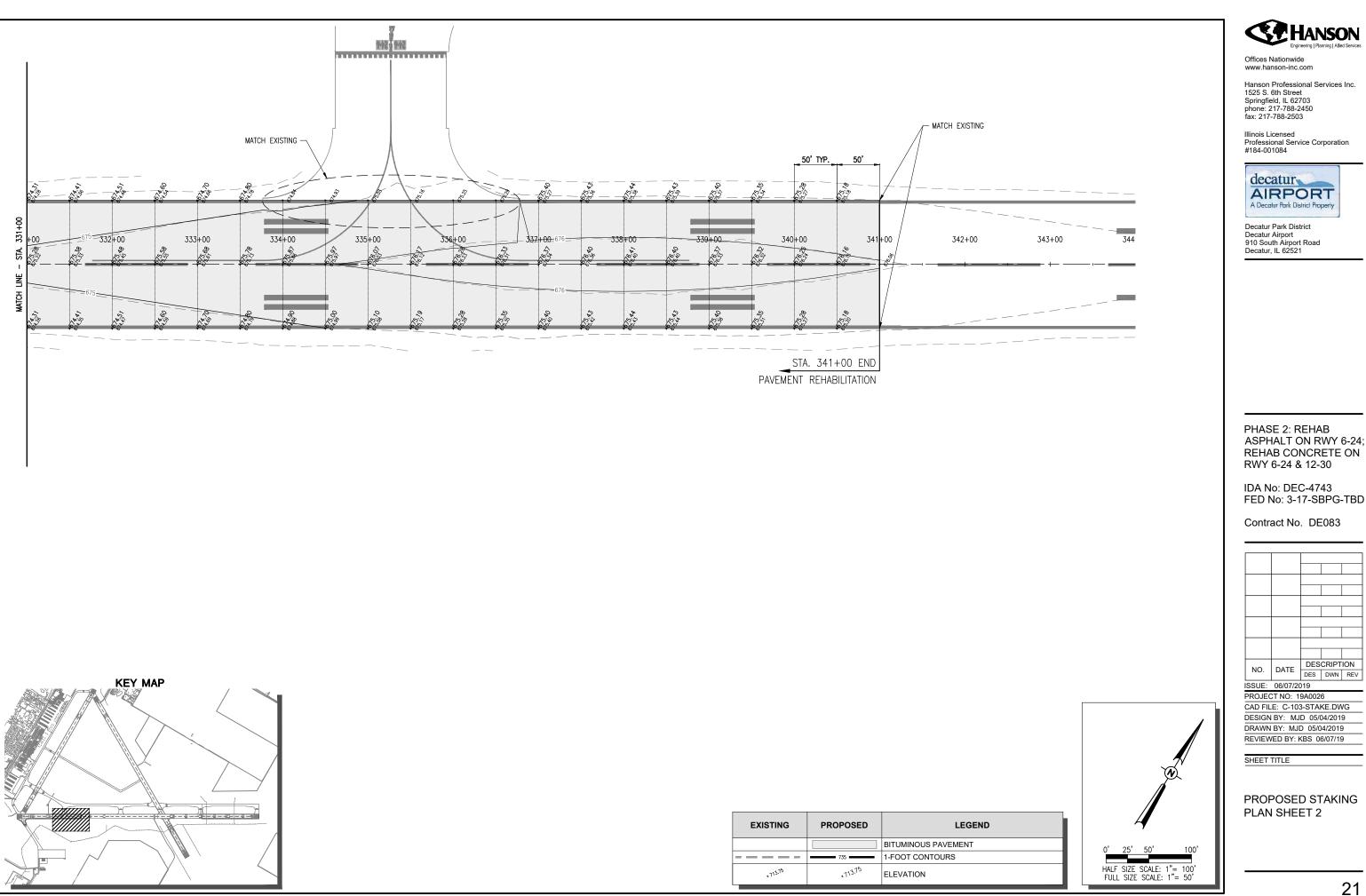


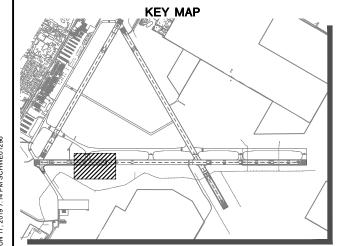


ASPHALT ON RWY 6-24; REHAB CONCRETE ON

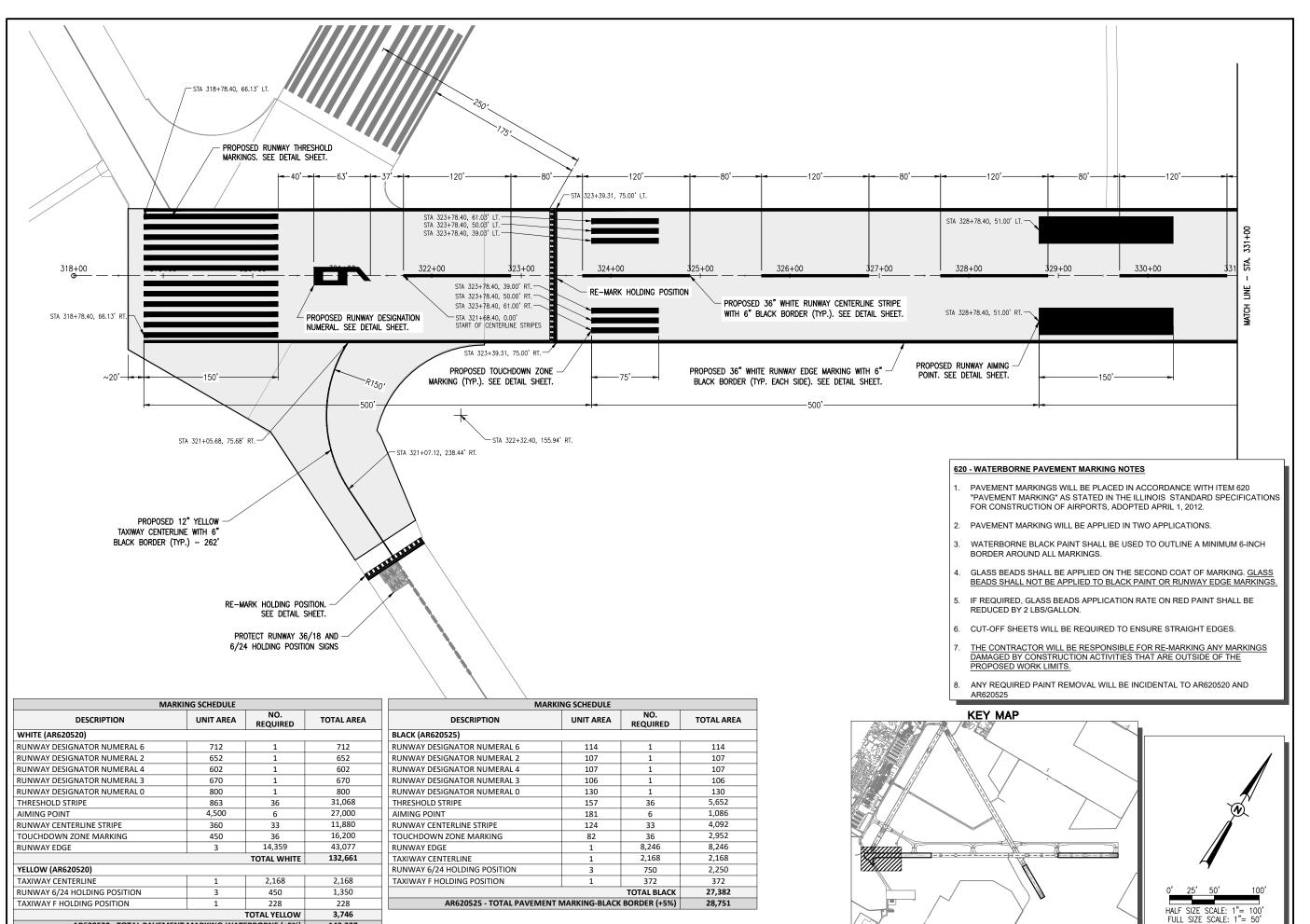
FED No: 3-17-SBPG-TBD

NO.	DATE	DES	CRIPT	ION
NO.	DATE	DES	DWN	REV
ISSUE: 06/07/2019				
PROJECT NO: 19A0026				





EXISTING	PROPOSED	LEGEND
		BITUMINOUS PAVEMENT
	735	1-FOOT CONTOURS
×113.75	×1 <sup>13,75</sup>	ELEVATION



AR620520 - TOTAL PAVEMENT MARKING-WATERBORNE (+5%)

143,227





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PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

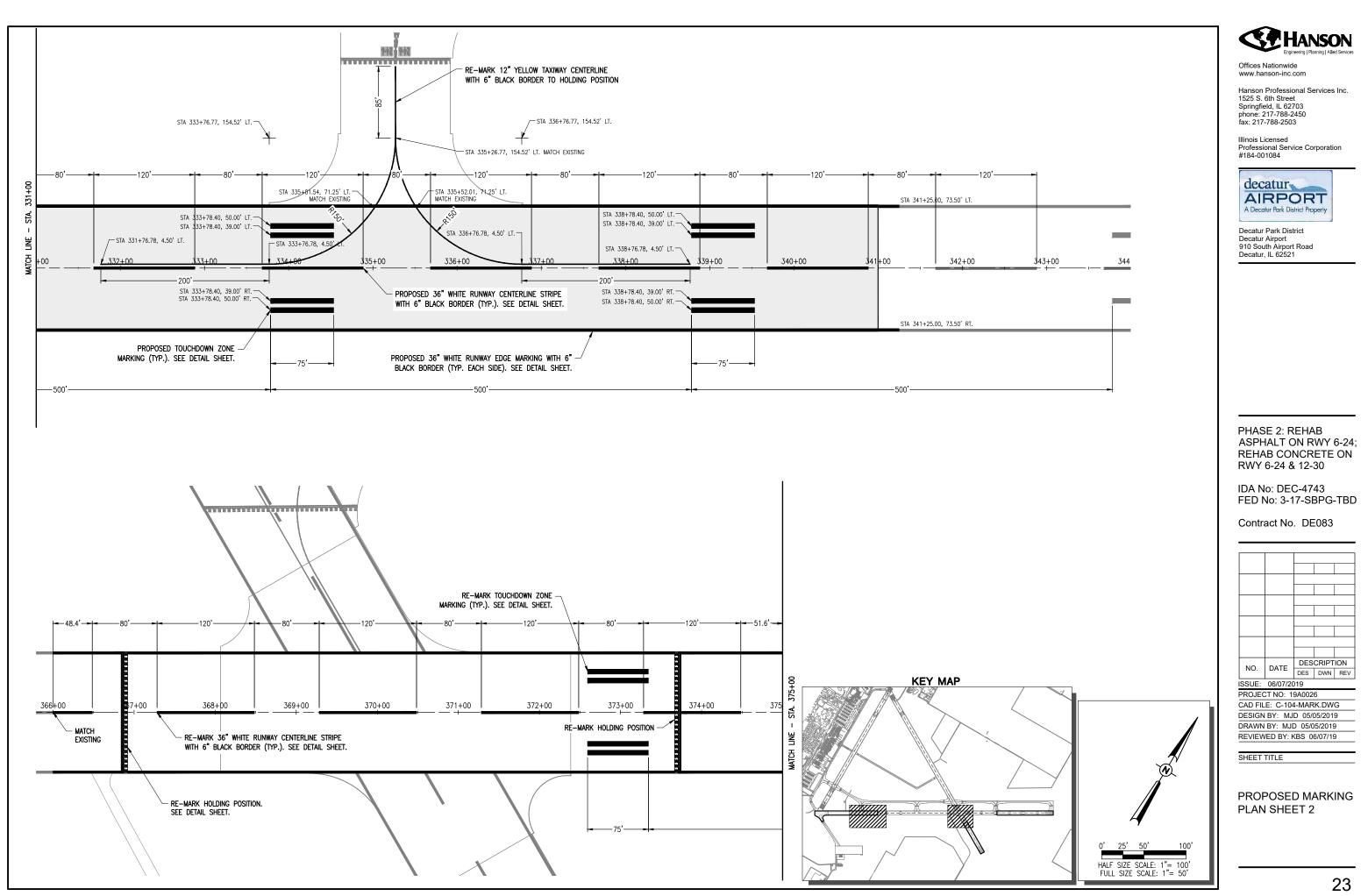
Contract No. DE083

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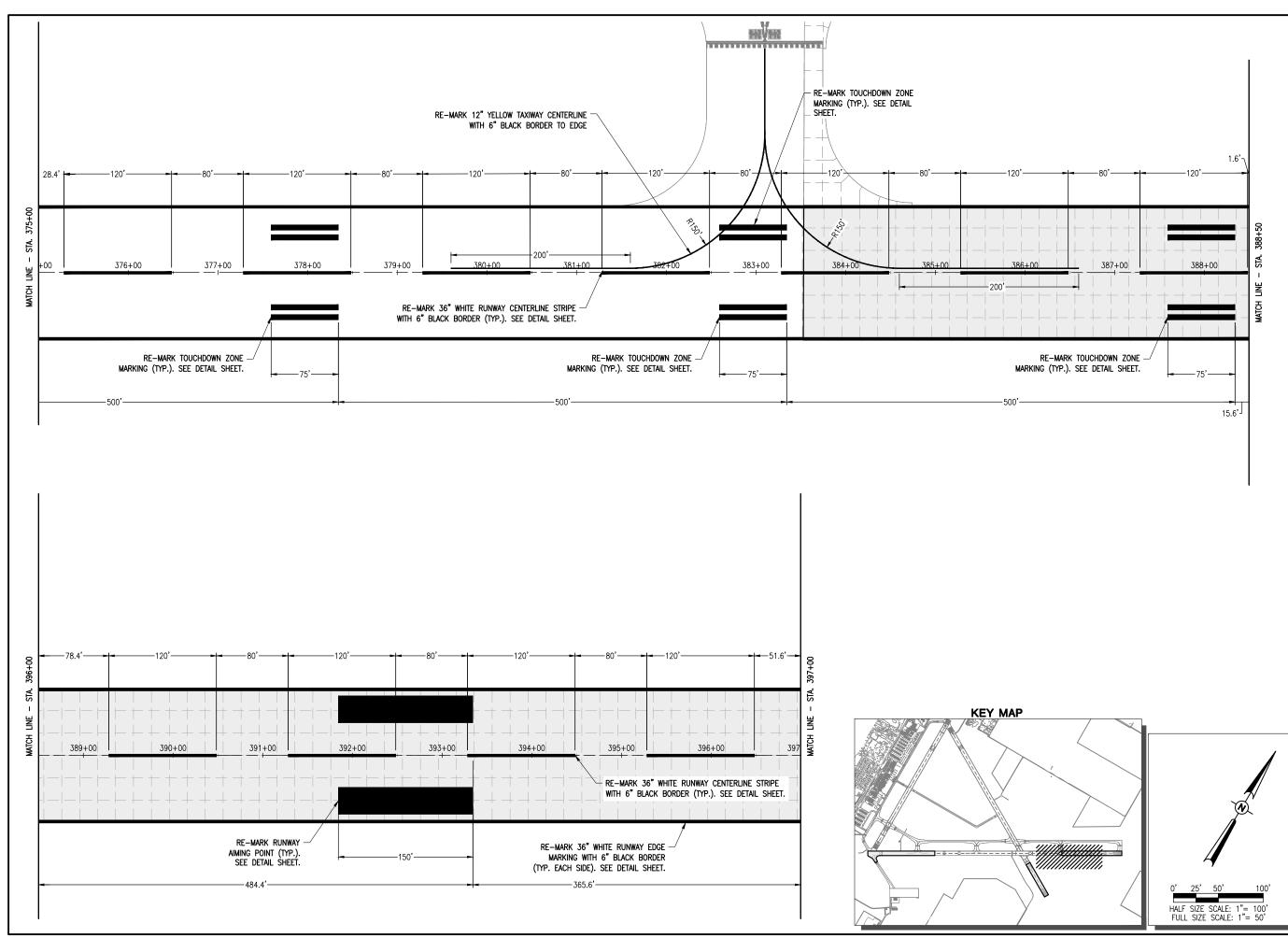
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SHEET TITLE

# **PROPOSED MARKING** PLAN SHEET 1



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113JOBS/19A0026/19A0026DICAD/AIRPORT/SHEET/C-104-MARK. UN 17, 2019 7:16 PM SCHWE01296



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PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

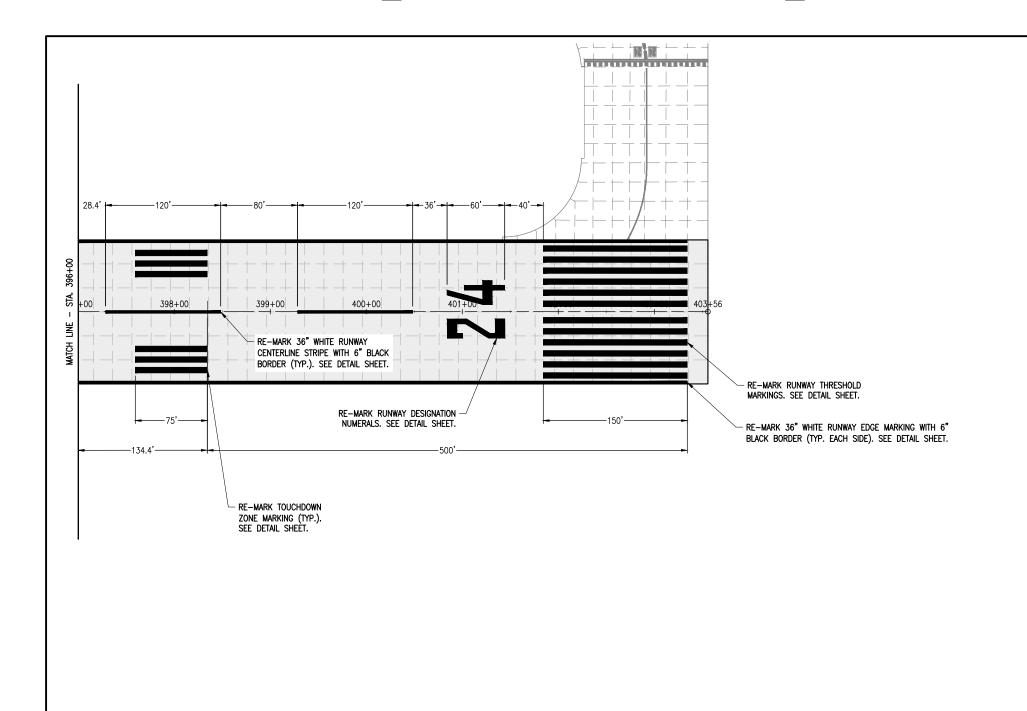
Contract No. DE083

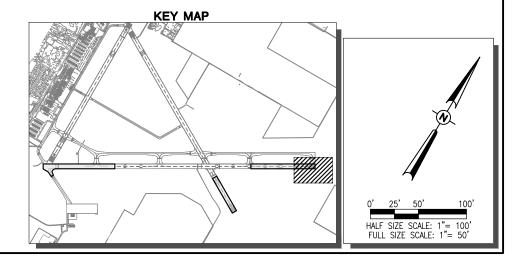
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PROJECT NO: 19A0026				
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DESIGN BY: MJD 05/05/2019 DRAWN BY: MJD 05/05/2019 REVIEWED BY: KBS 06/07/19

SHEET TITLE

# PROPOSED MARKING PLAN SHEET 3







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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

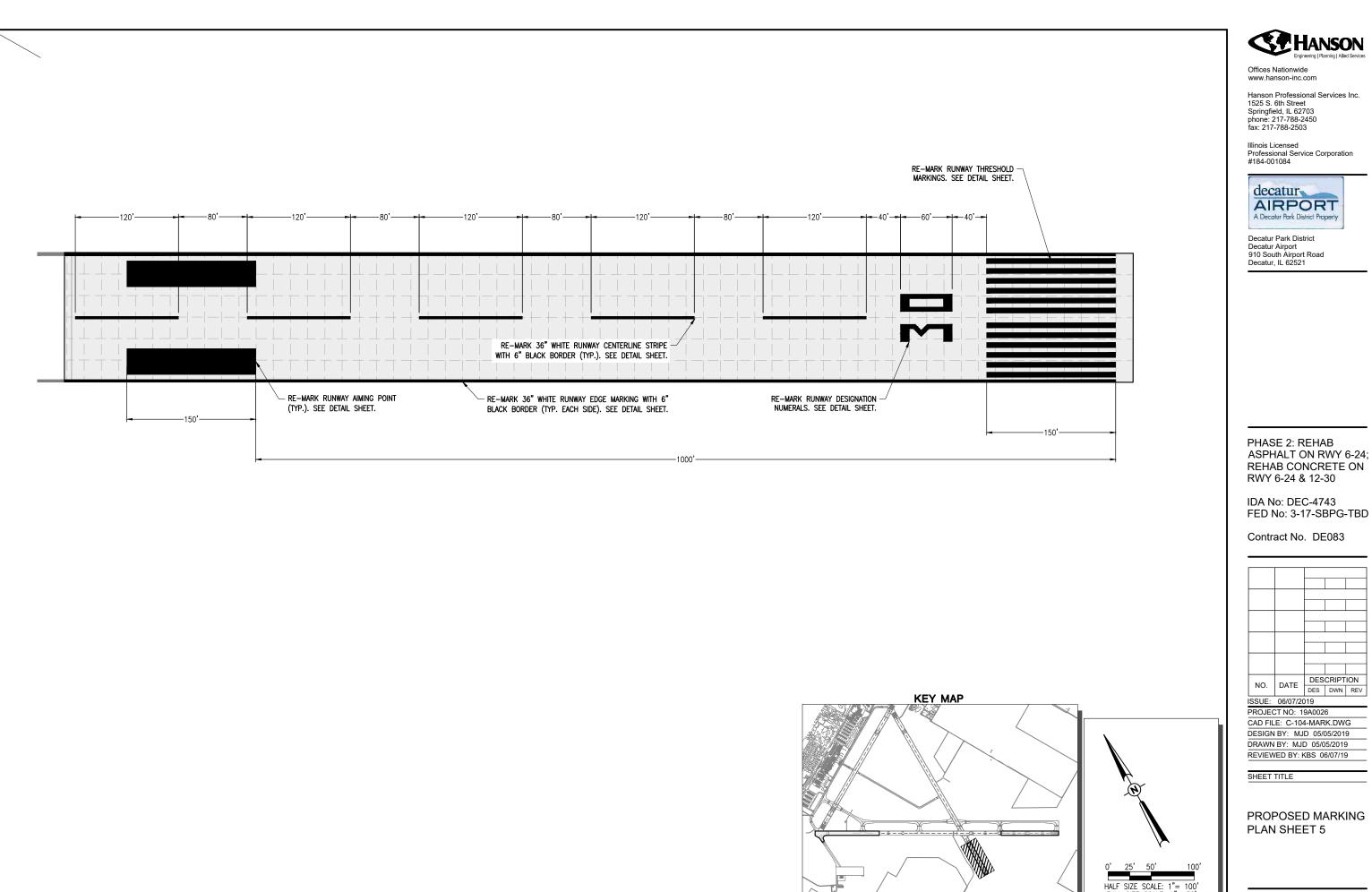
Contract No. DE083

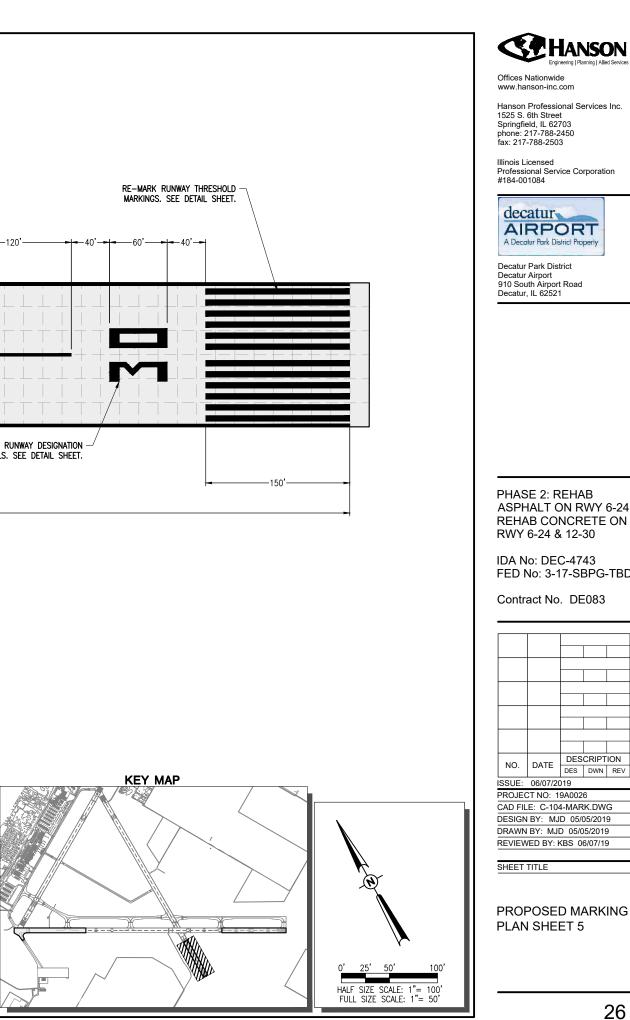
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PROJECT NO: 19A0026			

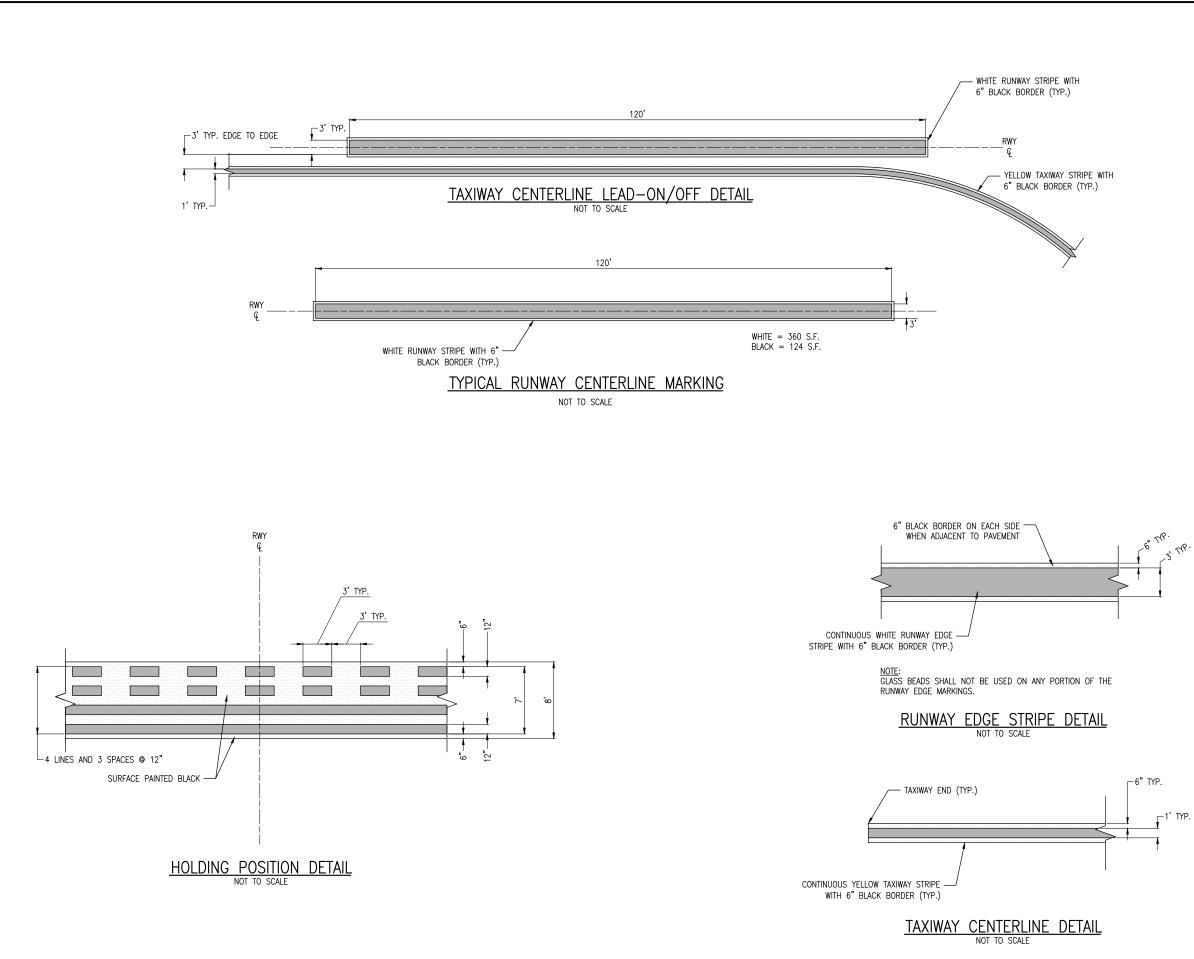
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SHEET TITLE

# PROPOSED MARKING PLAN SHEET 4











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

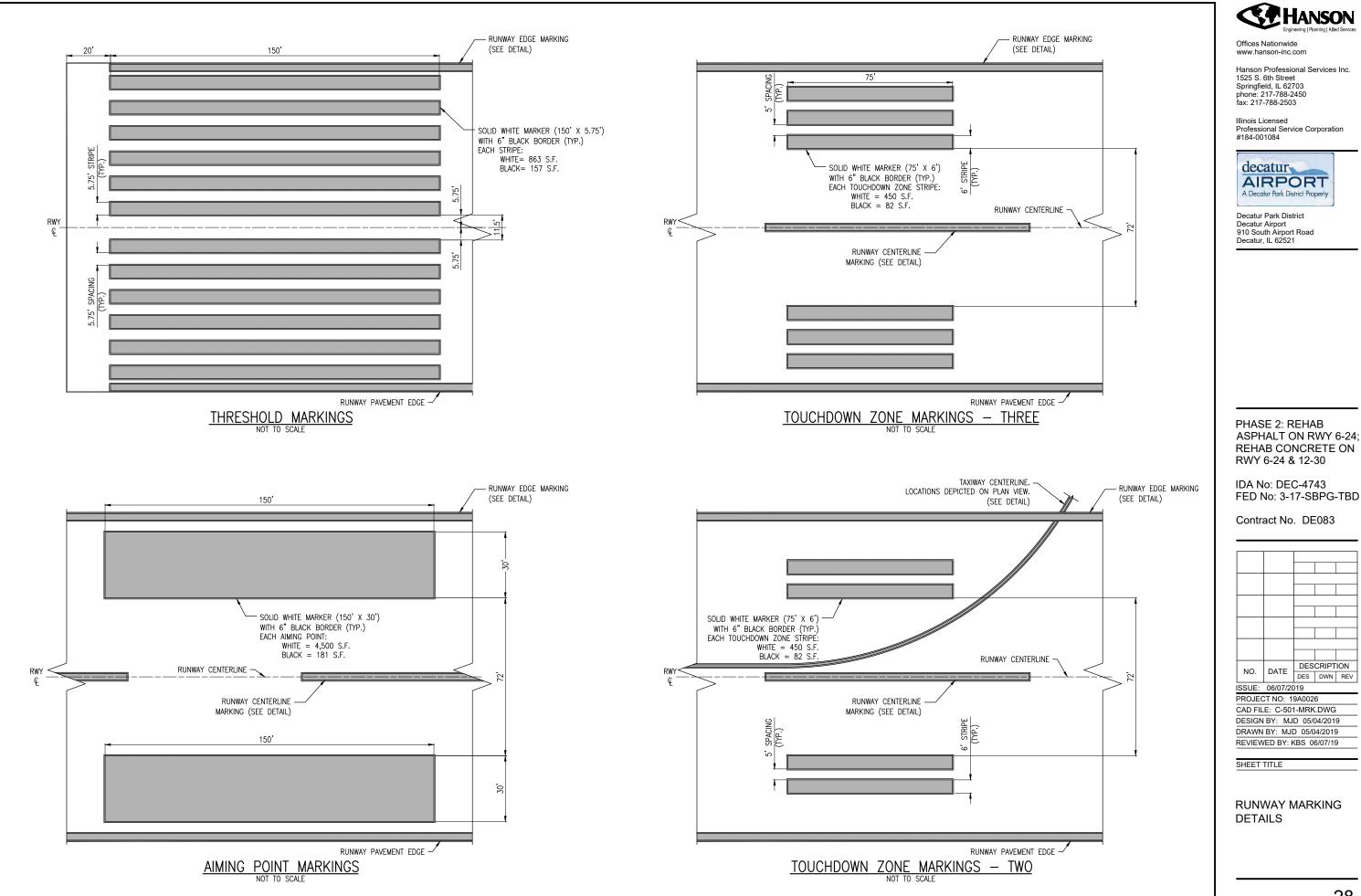
PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

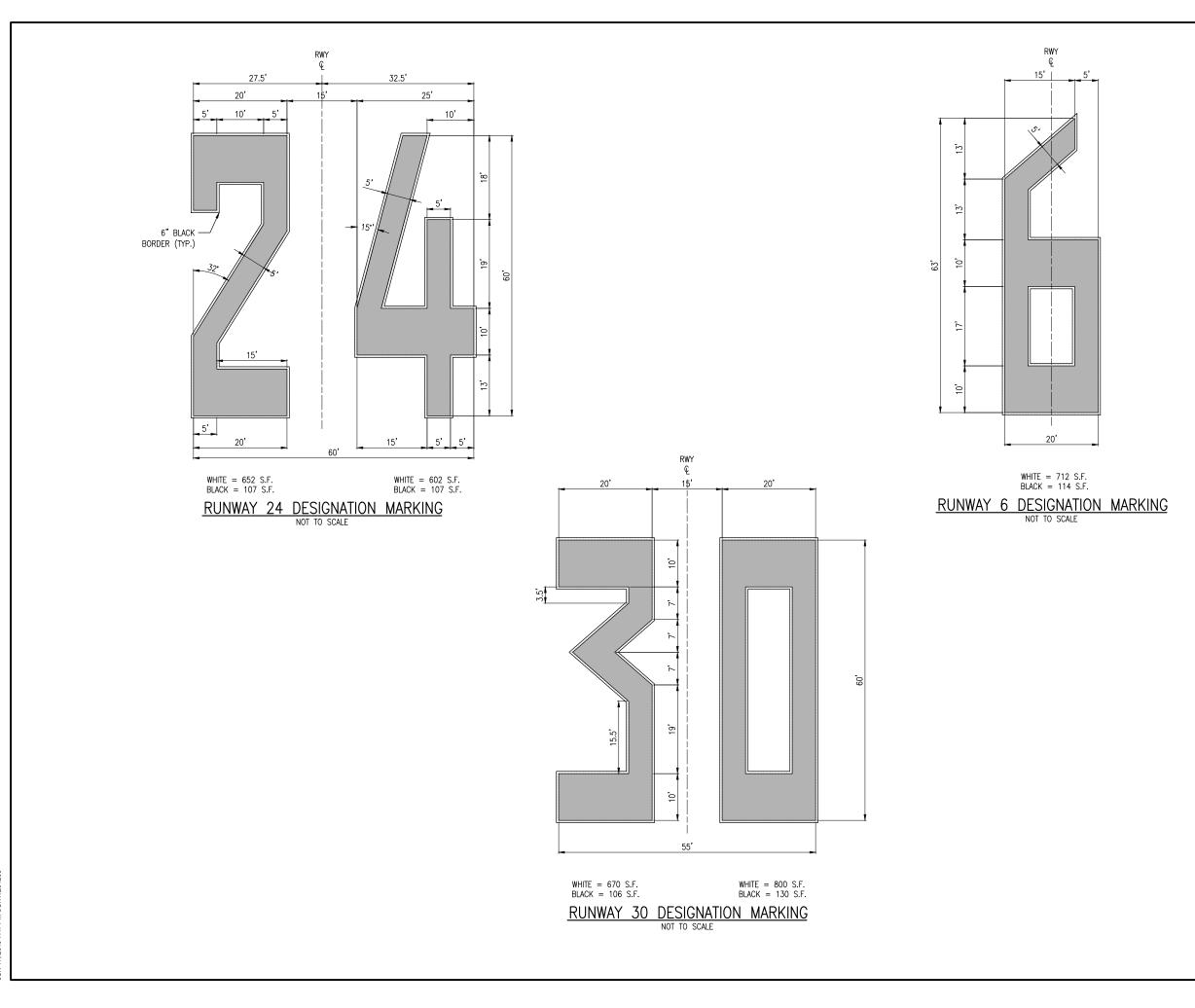
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Contract No. DE083

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CAD FIL	E: C-50	1-MRK	.DWG	
DESIGN	BY: MJ	D 05/0	04/201	9
DRAWN	BY: MJ	0.5/0	4/2019	3
REVIEW				
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REVIEW			0/01/10	

**TAXIWAY & RUNWAY** MARKING DETAILS







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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

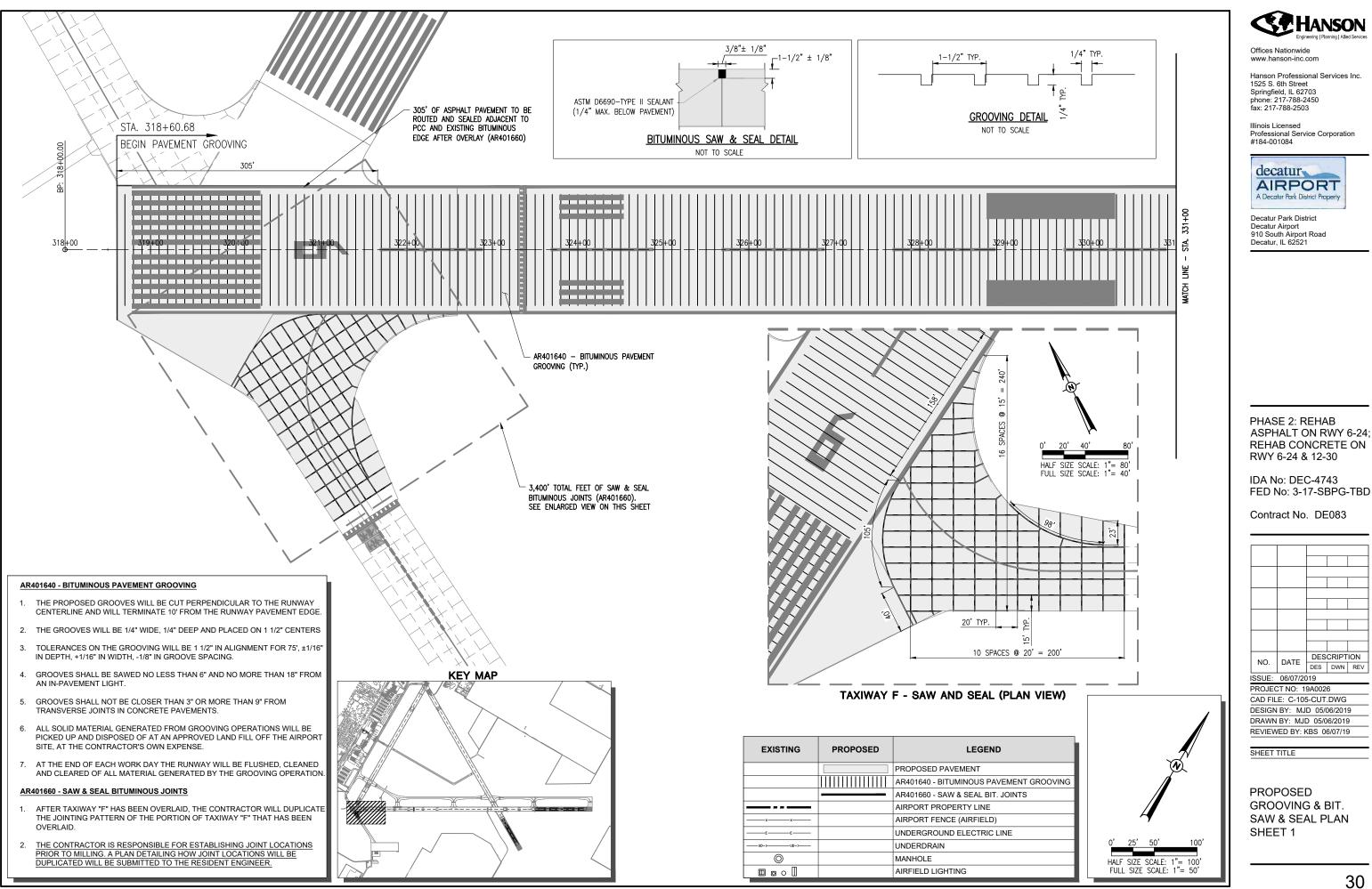
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Contract No. DE083

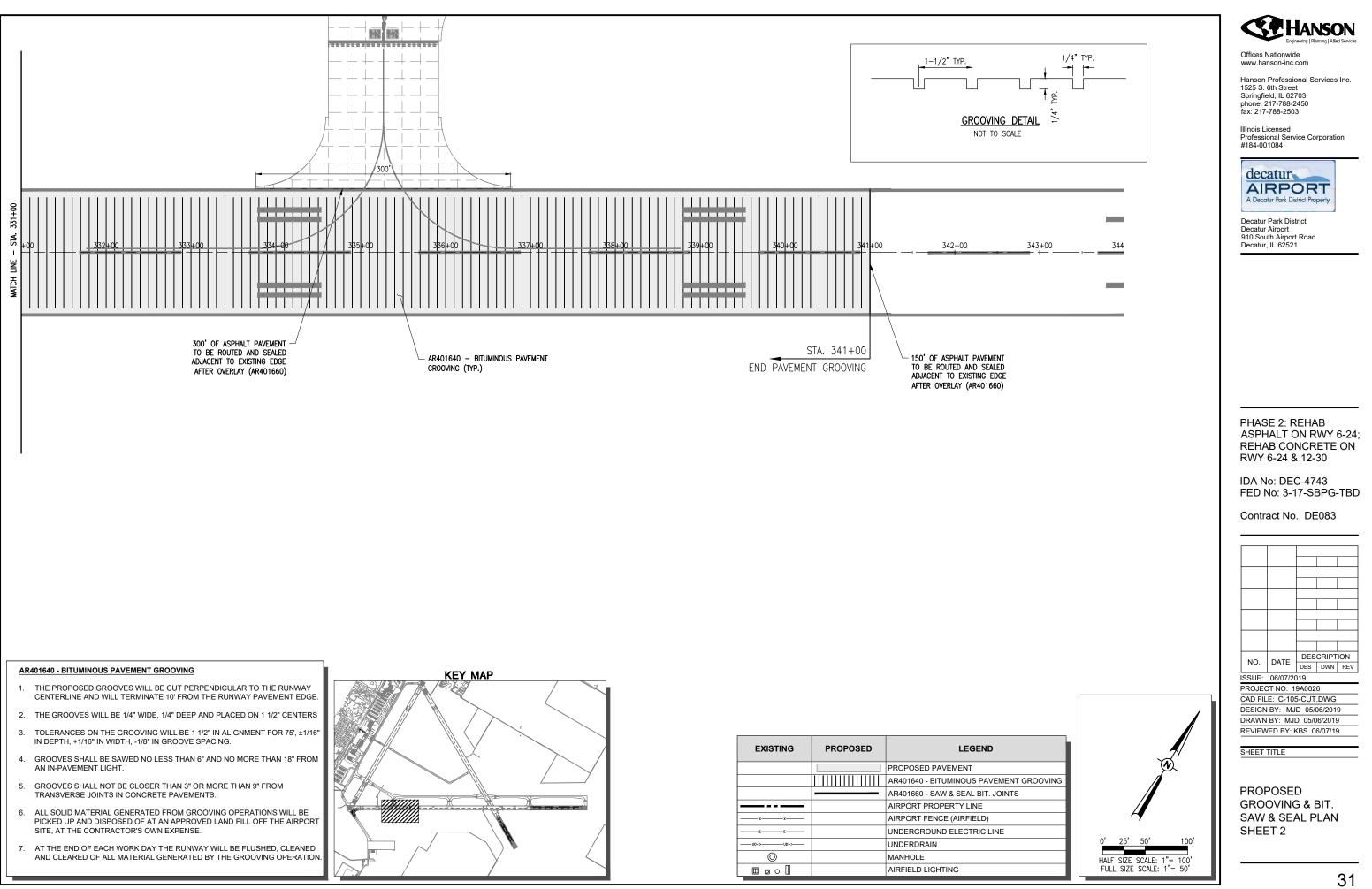
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REVIEWED BY: KBS 06/07/19	REVIEW	ED BY:	KBS 0	6/07/19	9	

SHEET TITLE

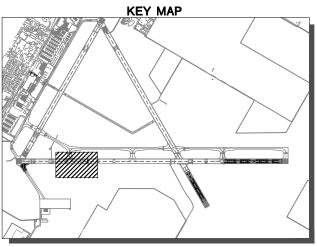
RUNWAY DESIGNATION NUMERAL DETAILS





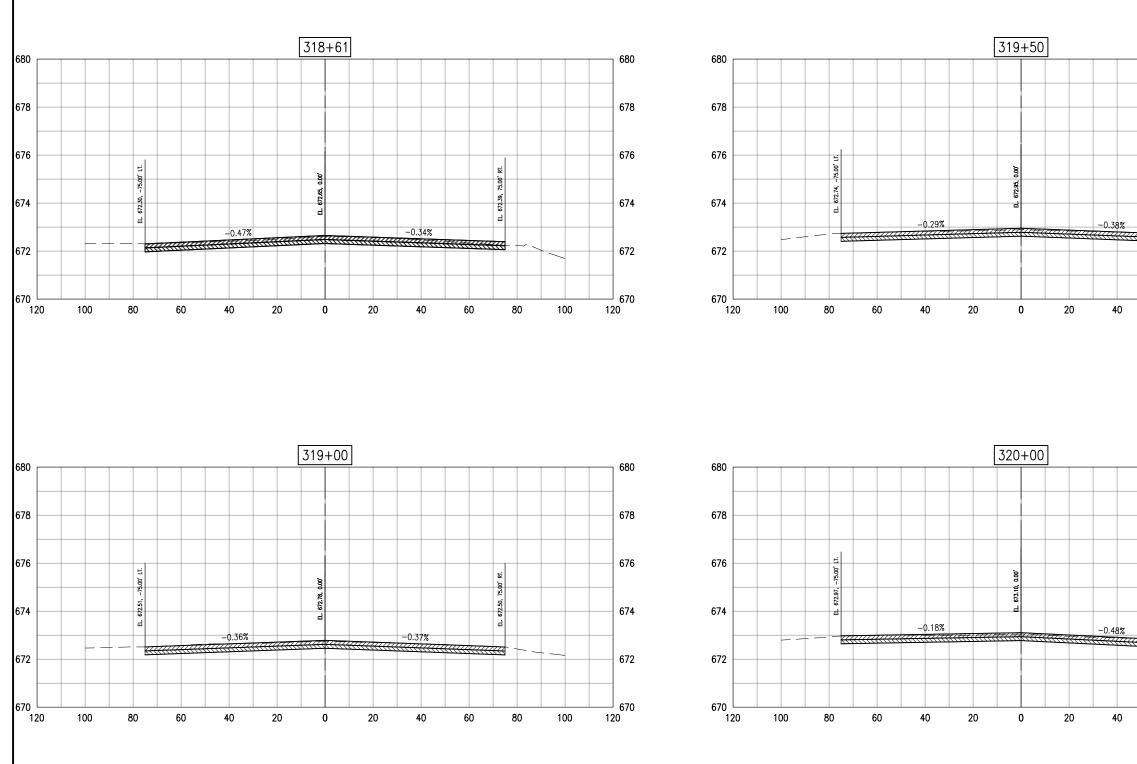




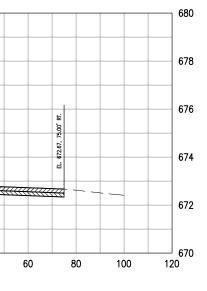


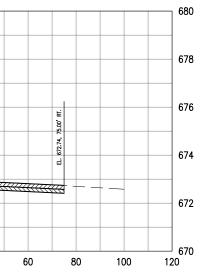
EXISTING	PROPOSED	LEGEND
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		AR401660 - SAW & SEAL BIT. JO
		AIRPORT PROPERTY LINE
x		AIRPORT FENCE (AIRFIELD)
ее		UNDERGROUND ELECTRIC LINE
UD->UD->		UNDERDRAIN
O		MANHOLE
		AIRFIELD LIGHTING













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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

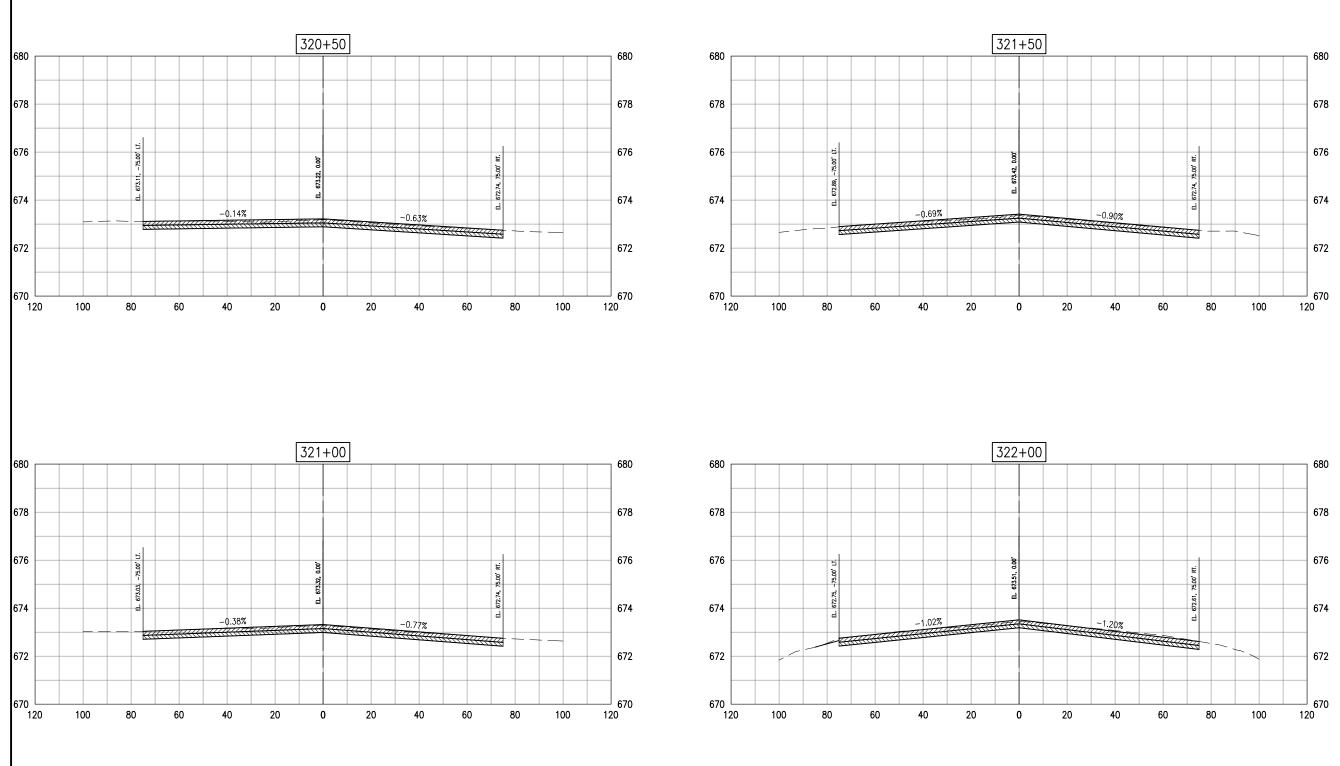
IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

Contract No. DE083

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PROJE	CT NO: 1	9A002	6		
CAD FILE: C-301-XS.DWG					
DESIGN BY: MJD 05/04/2019					
DRAWN BY: NLD 05/04/2019					
REVIEWED BY: KBS 06/07/19					

SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 318+61 - STA. 320+00





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PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

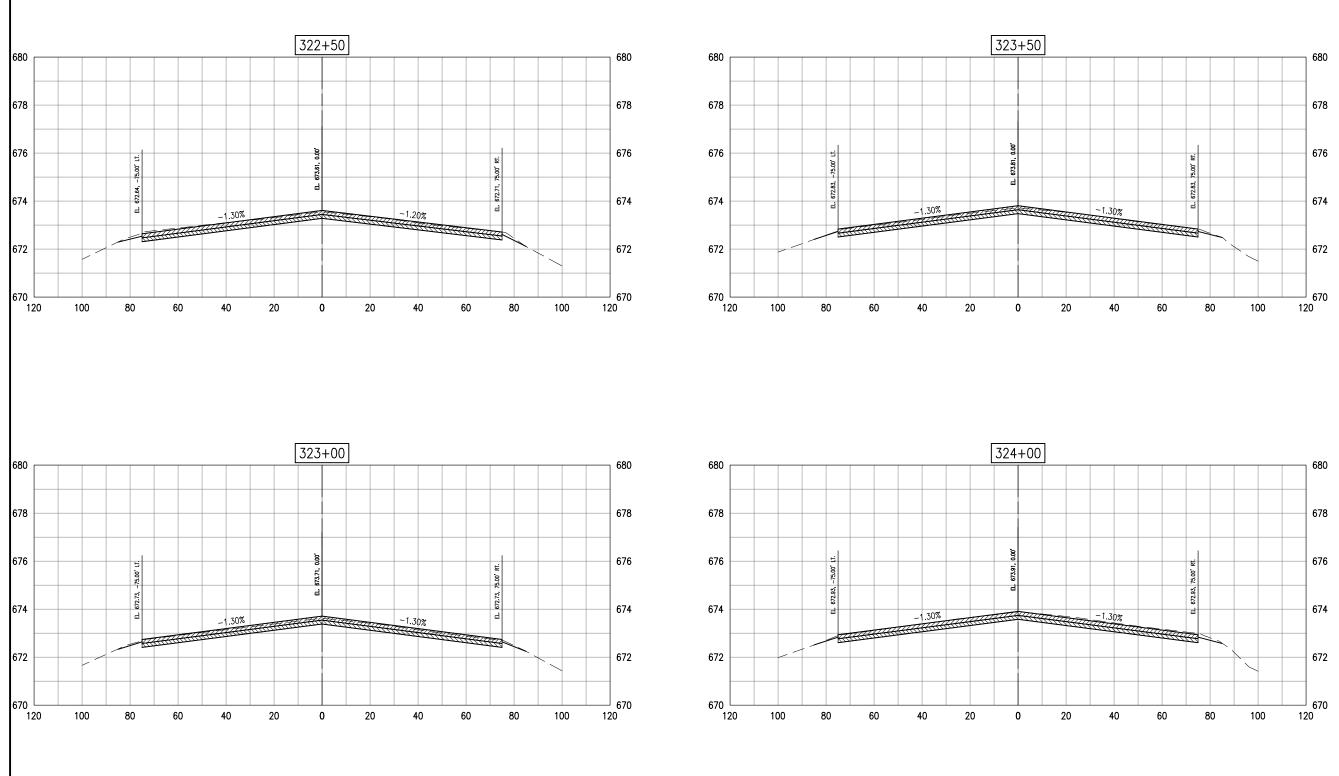
IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

Contract No. DE083

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DRAWN	DRAWN BY: NLD 05/04/2019					
REVIEW	REVIEWED BY: KBS 06/07/19					

SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 320+50 - STA. 322+00







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PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

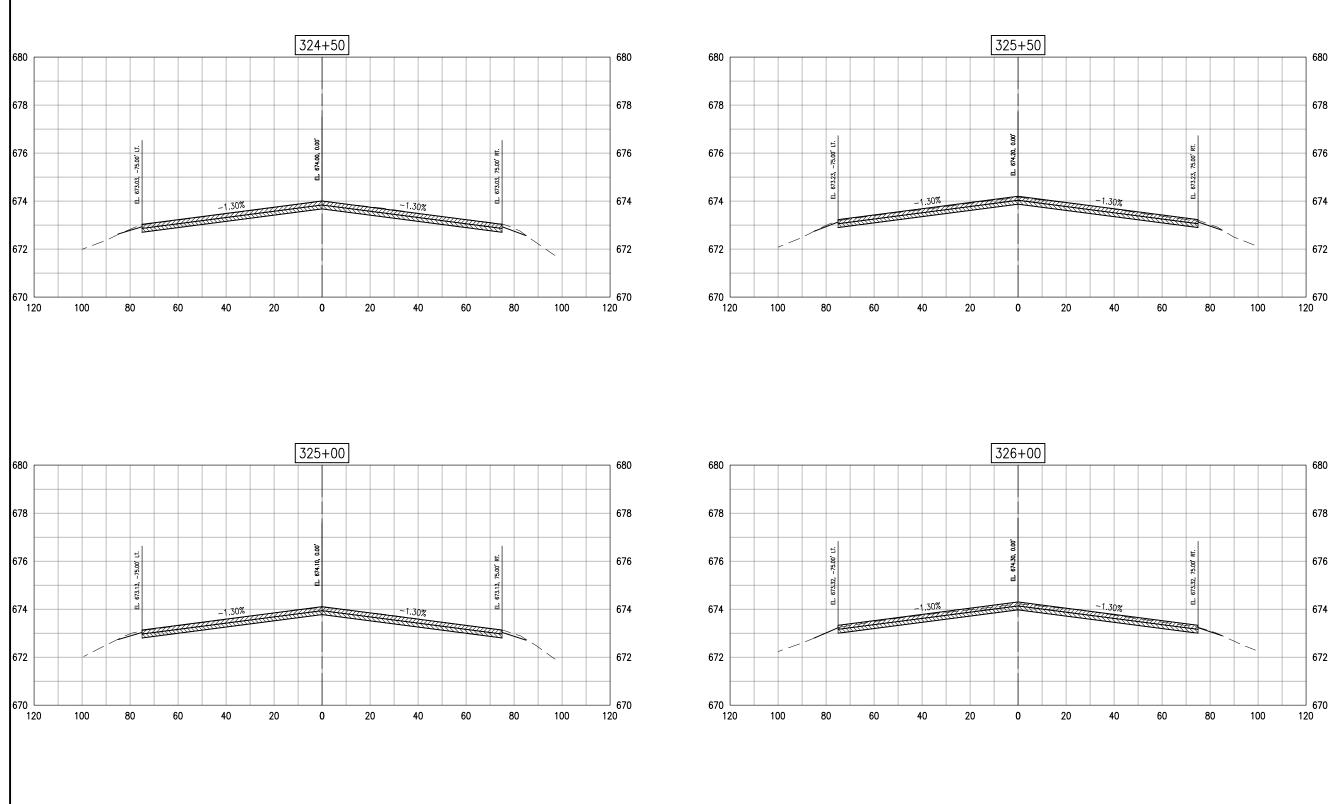
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Contract No. DE083

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ISSUE:	06/07/20	)19				
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DRAWN BY: NLD 05/04/2019						
REVIEW	ED BY:	KBS 0	6/07/19	9		

SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 322+50 - STA. 324+00









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Illinois Licensed Professional Service Corporation #184-001084



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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

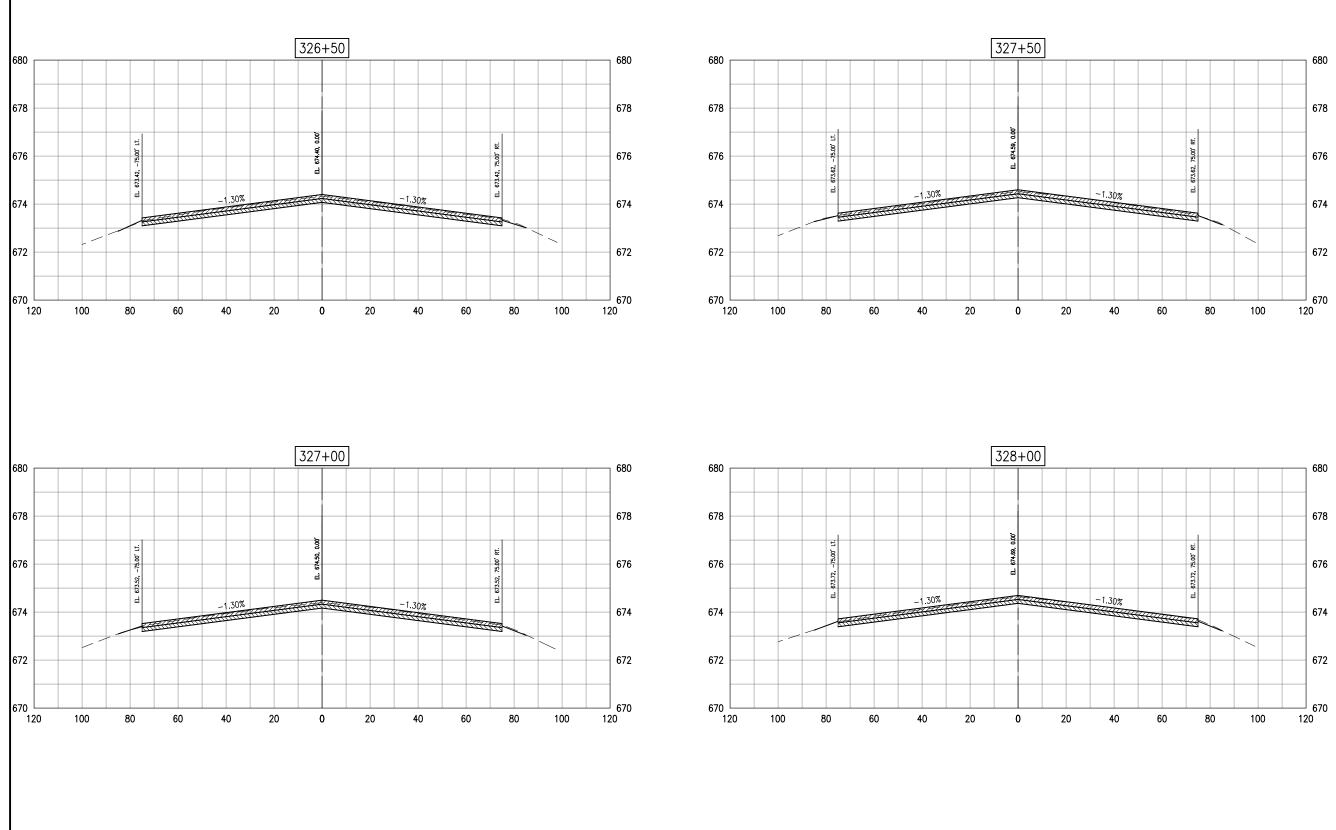
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Contract No. DE083

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NO.	DATE	DES	DWN	REV		
ISSUE:	06/07/20	)19				
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DESIGN BY: MJD 05/04/2019						
DRAWN BY: NLD 05/04/2019						
REVIEW	ED BY:	KBS 0	6/07/19	9		

SHEET TITLE

**RUNWAY 6-24 CROSS** SECTIONS STA. 324+50 - STA. 326+00



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PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

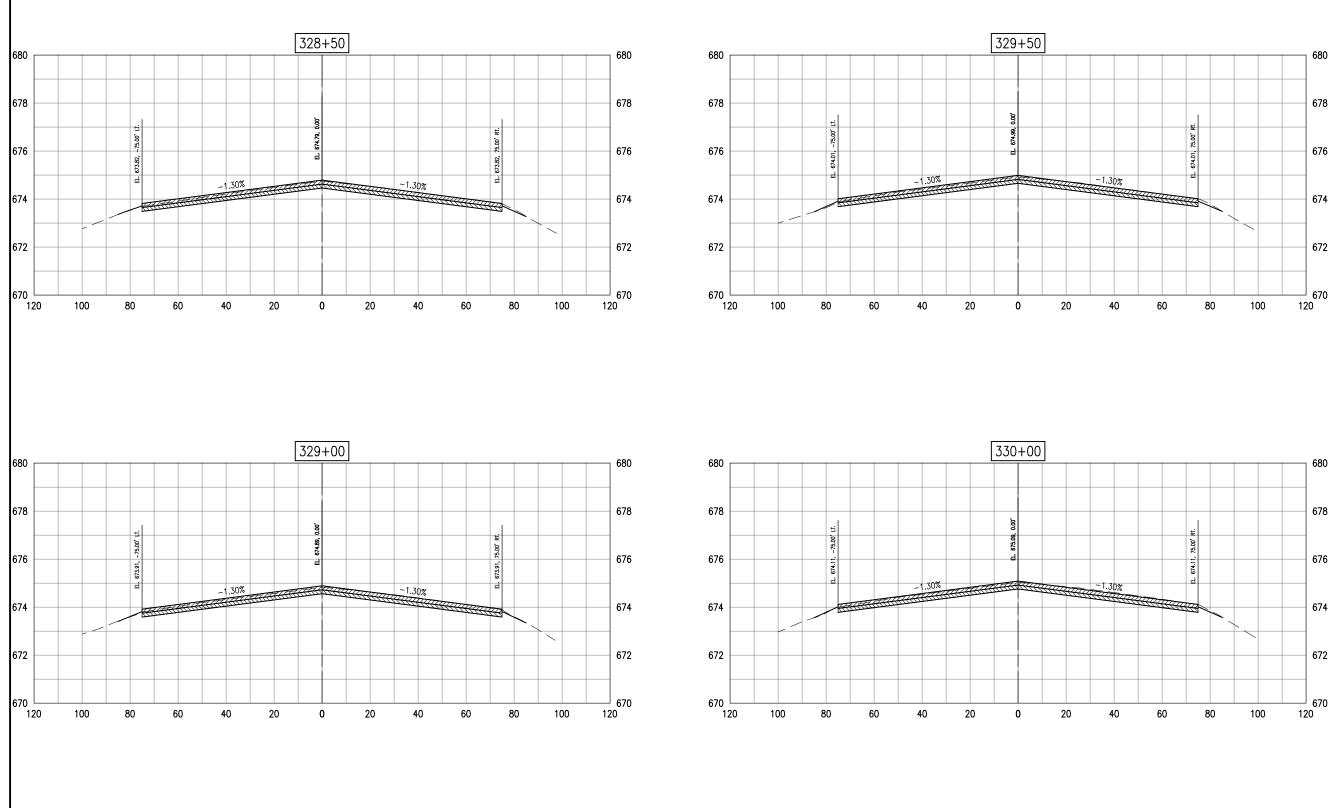
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Contract No. DE083

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-	06/07/20					
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DESIGN BY: MJD 05/04/2019						
DRAWN BY: NLD 05/04/2019						
REVIEW	ED BY:	KBS 0	6/07/19	9		

SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 326+50 - STA. 328+00









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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

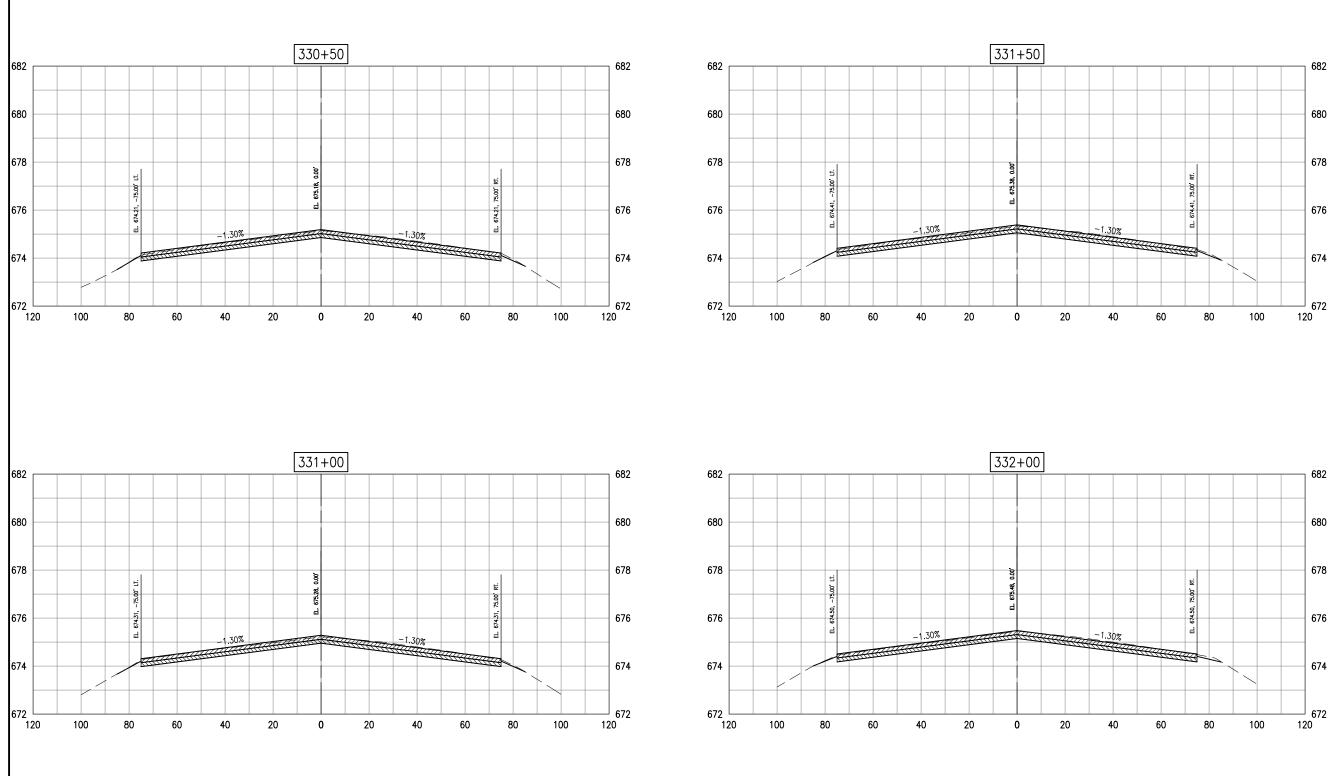
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Contract No. DE083

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DRAWN BY: NLD 05/04/2019						
REVIEWED BY: KBS 06/07/19						
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SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 328+50 - STA. 330+00



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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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

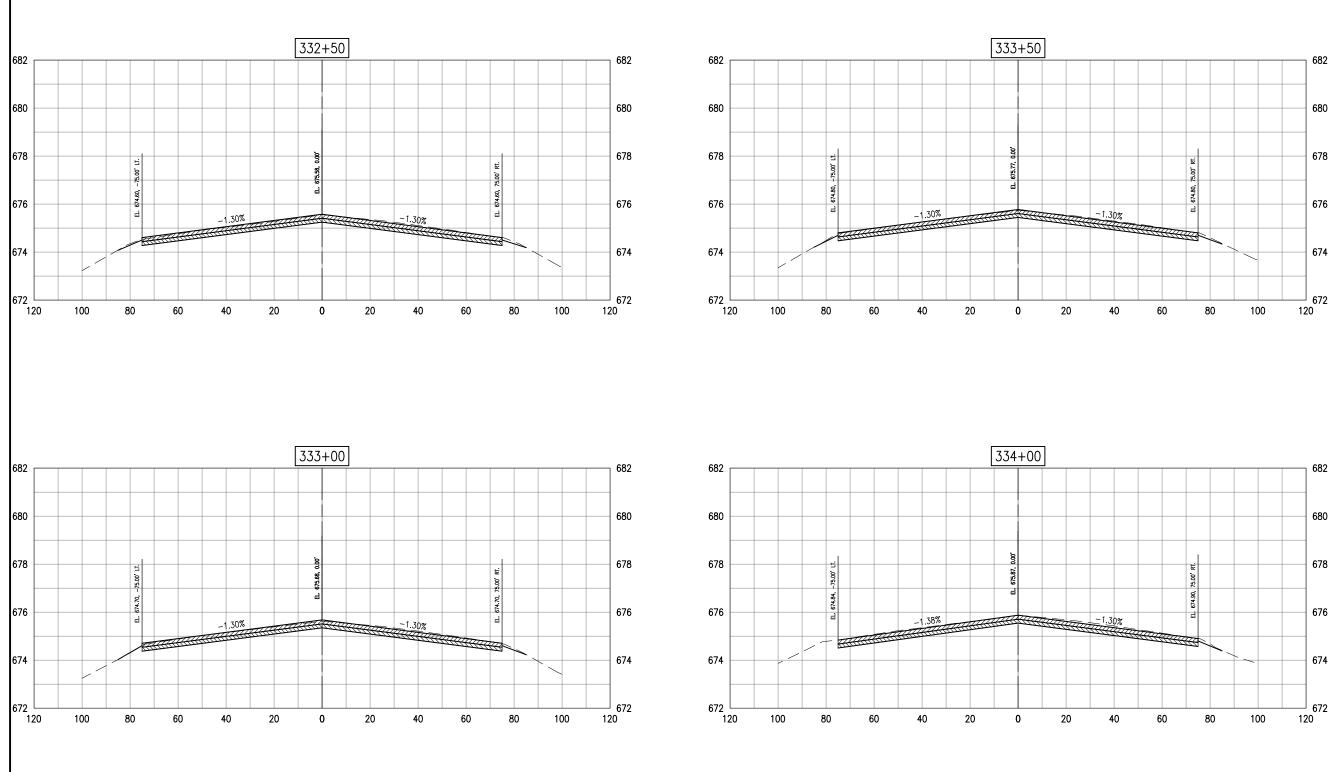
IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

Contract No. DE083

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DESIGN	DESIGN BY: MJD 05/04/2019					
DRAWN BY: NLD 05/04/2019						
REVIEWED BY: KBS 06/07/19						
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SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 330+50 - STA. 332+00







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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

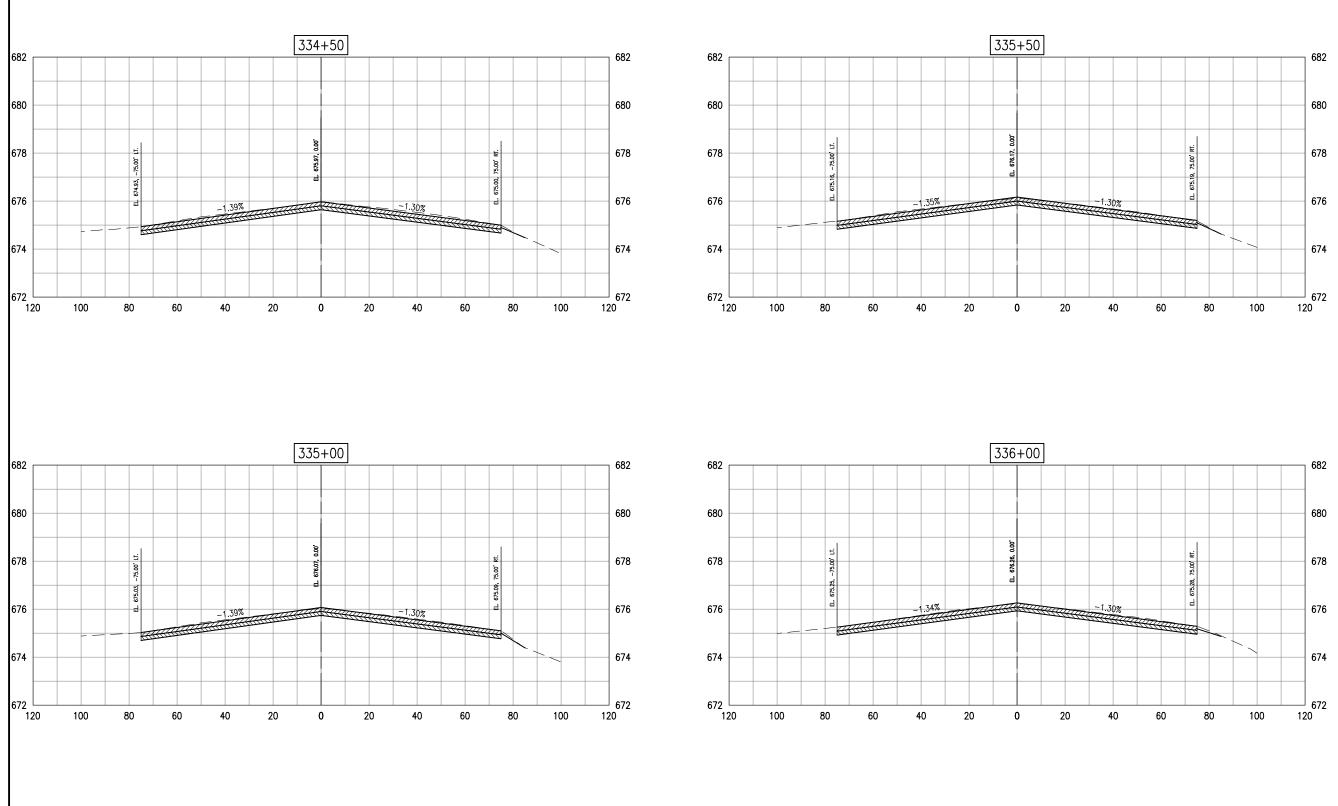
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Contract No. DE083

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	REVIEWED BY: KBS 06/07/19					
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SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 332+50 - STA. 334+00









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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

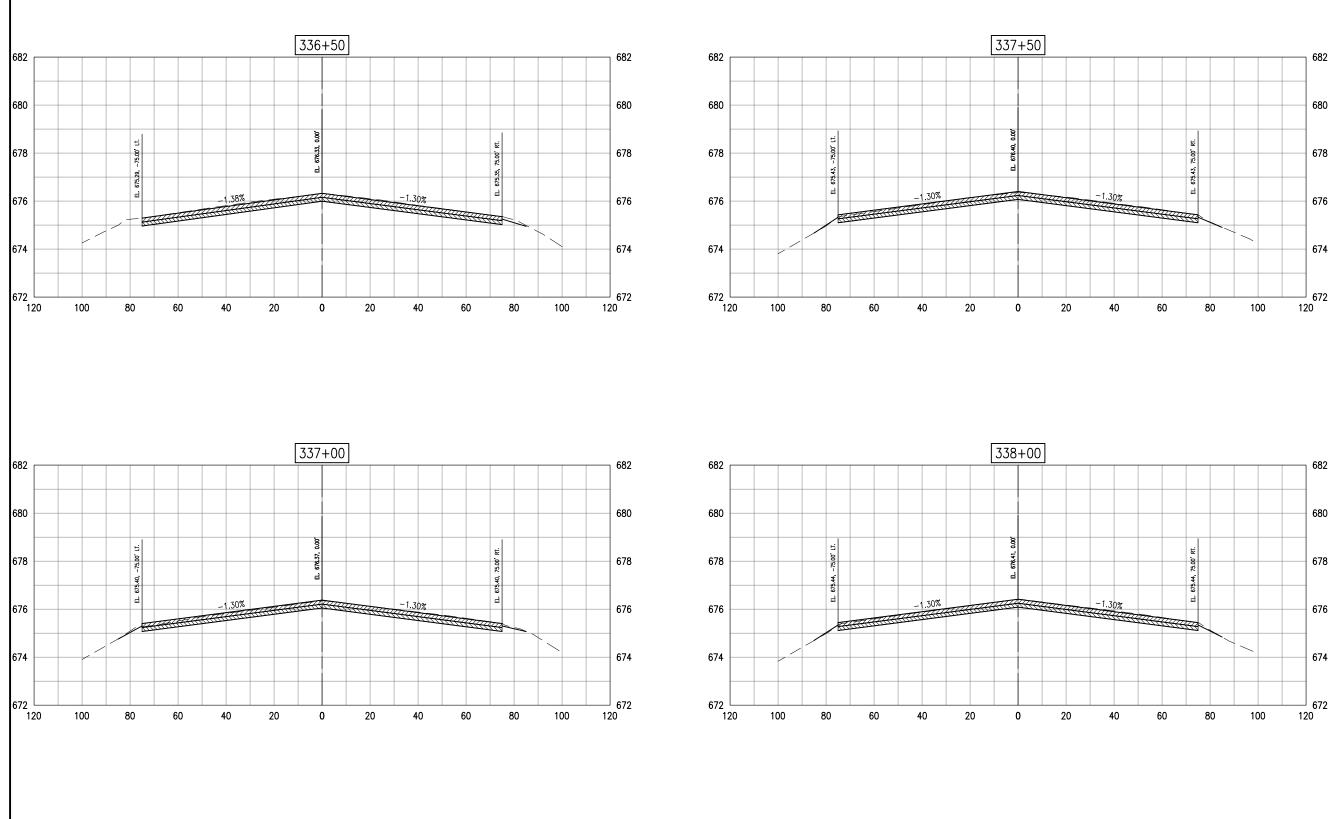
IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

Contract No. DE083

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SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 334+50 - STA. 336+00









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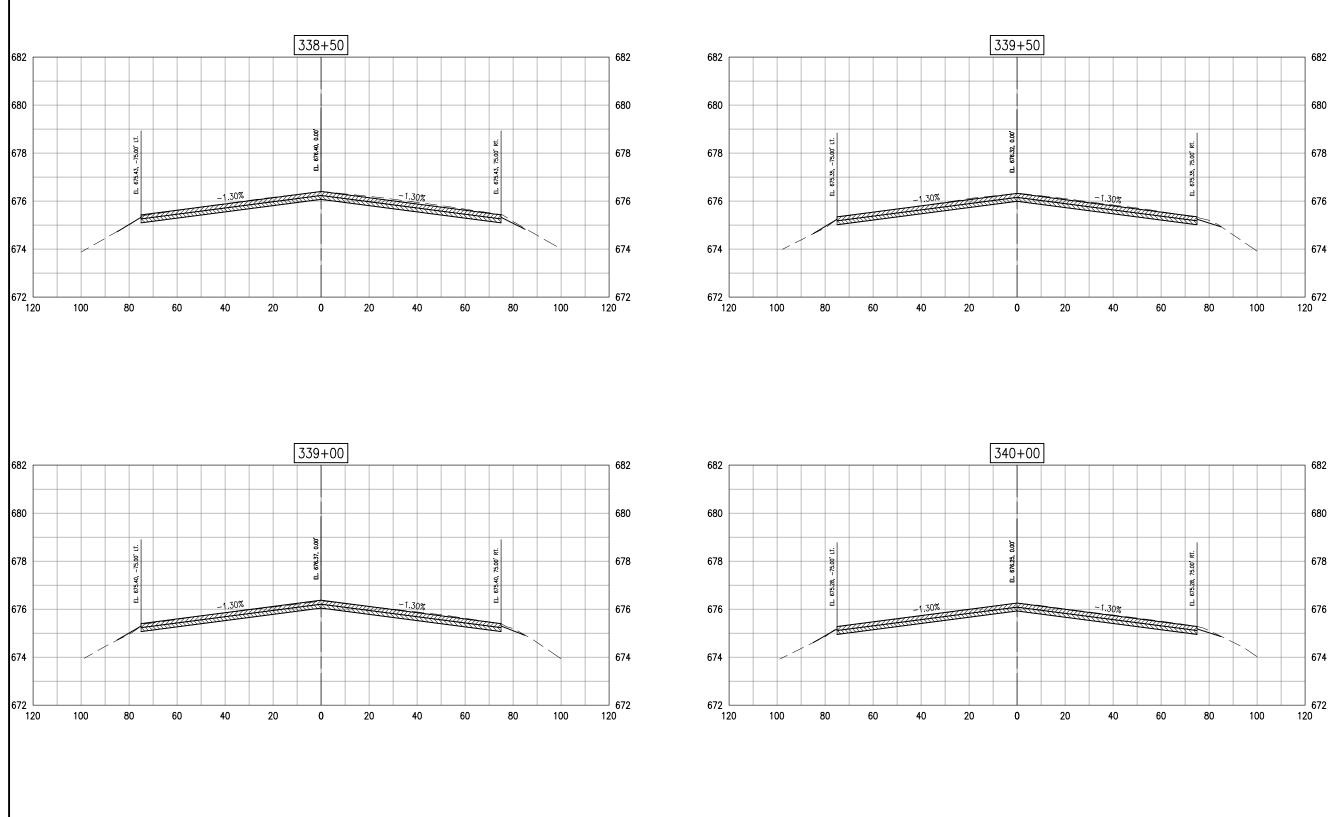
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Contract No. DE083

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SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 336+50 - STA. 338+00









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

PHASE 2: REHAB ASPHALT ON RWY 6-24; REHAB CONCRETE ON RWY 6-24 & 12-30

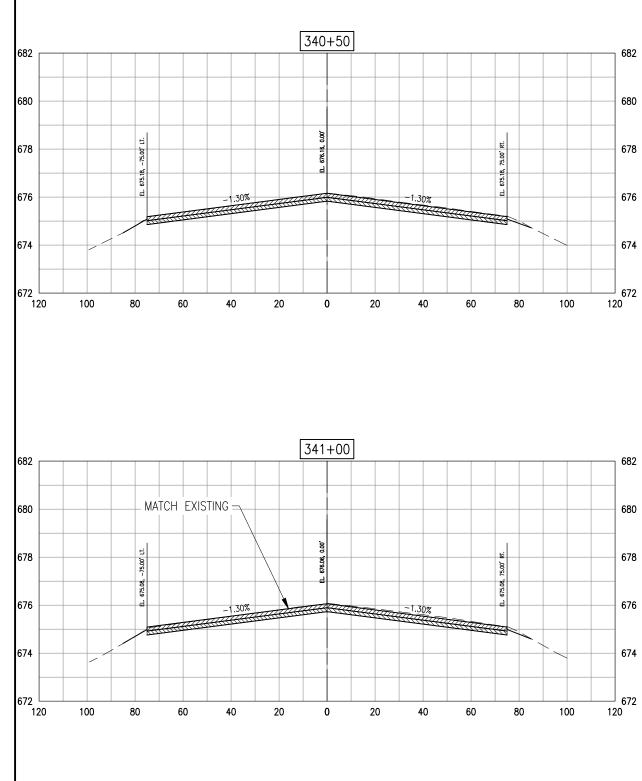
IDA No: DEC-4743 FED No: 3-17-SBPG-TBD

Contract No. DE083

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SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 338+50 - STA. 340+00



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ISSUE:	ISSUE: 06/07/2019				
PROJECT NO: 19A0026					
CAD FILE: C-301-XS.DWG					
DESIGN BY: MJD 05/04/2019					
DRAWN BY: NLD 05/04/2019					
REVIEWED BY: KBS 06/07/19					

SHEET TITLE

RUNWAY 6-24 CROSS SECTIONS STA. 340+50 - STA. 341+00