

CONSTRUCTION PLANS

FOR

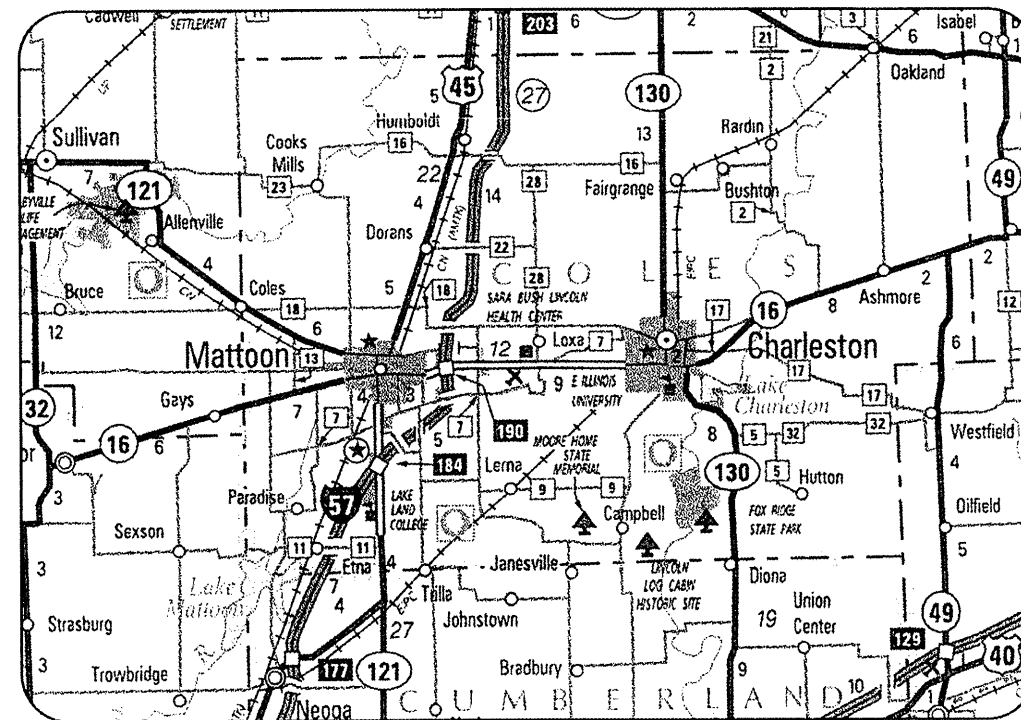
COLES COUNTY MEMORIAL AIRPORT

MATTOON-CHARLESTON, COLES COUNTY, ILLINOIS

PAVEMENT REPAIRS AND ENHANCED MARKING

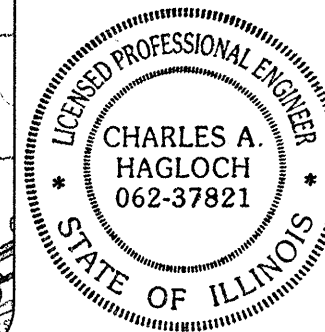
SCOPE OF WORK

THIS PROJECT CONSIST OF CLEANING AND SEALING CRACKS ON RUNWAY 6/24, PAVEMENT REPAIRS ON 11/29, AND ENHANCED TAXIWAY CENTERLINE MARKING.



LOCATION

ILL. PROJ.: MTO-3813
A.I.P. PROJ.: 3-17-0066-B21
LATITUDE: 39° 28' 40"
LONGITUDE: 88° 16' 45"
ELEVATION: 721.0' M.S.L.
DATE: MAY 5, 2008



Revised 6/27/08

HANSON
Hanson Professional Services Inc.
CIVIL ENGINEER

Submitted by *Charles A. Hagloch* ENG'R

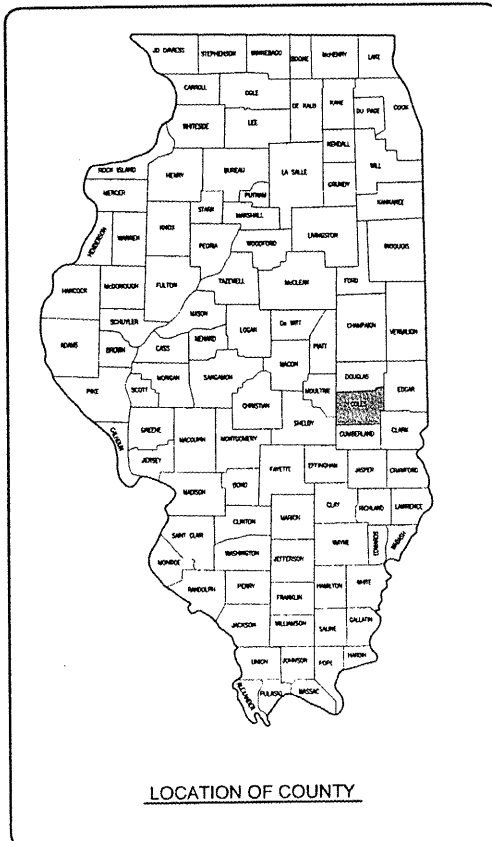
Date Submitted June 30, 2008

Lics. Exp. Date Nov. 30, 2009

COLES COUNTY AIRPORT AUTHORITY

Approved: *Regina Dethlefs* CHAIRMAN
Date: June 9, 2008

Approved: *Andy [Signature]* AIRPORT DIRECTOR
Date: June 9, 2008



DATE	REVISION	BY

COLES COUNTY AIRPORT
AUTHORITY
COLES COUNTY MEMORIAL AIRPORT

IL PROJ.: MTO-3813 A.I.P. PROJ.: 3-17-0066-B21

Project No. 08A0008D.0800	Drawn MDR	03/26/08
Revision R-001CVR.DWG	MDR	03/25/08
Scale NOT TO SCALE	CAH	05/01/08
Date 04/04/08		

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62705-2886
Chicago, Illinois

PAVEMENT REPAIRS & ENHANCED MARKING

COVER SHEET

1

1 of 11 sheets

CO054

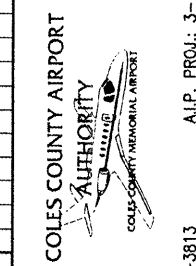
SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	28,205	
AR501911	REMOVE AND REPLACE PCC PAVEMENT	S.F.	471.5	
AR605540	CLEAN & SEAL JOINTS	L.F.	3,857	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	4,550	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	4,450	
AR620900	PAVEMENT MARKING REMOVAL	S.F.	2,638	
AR800443	PAVEMENT CLEANING PRIOR TO MARKING	S.F.	3,933	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	PROPOSED CONSTRUCTION PLAN FOR RUNWAY 6/24 STA. 10+00 TO STA. 36+00
5	PROPOSED CONSTRUCTION PLAN FOR RUNWAY 6/24 STA. 36+00 TO STA. 68+00
6	PROPOSED CONSTRUCTION PLAN FOR RUNWAY 11/29 STA. 100+00 TO STA. 126+00
7	PROPOSED CONSTRUCTION PLAN FOR RUNWAY 11/29 STA. 126+00 TO STA. 152+00
8	PROPOSED CONSTRUCTION PLAN FOR RUNWAY 11/29 STA. 152+00 TO STA. 165+00
9	PROPOSED ENHANCED PAVEMENT MARKING DETAILS
10	PROPOSED ENHANCED PAVEMENT MARKING DETAILS
11	PROPOSED ENHANCED PAVEMENT MARKING DETAILS

DATE	REVISION	BY



H/I Project No. 08A0008D_0800	FILENAME R-002FLP.DWG	DATE 04/15/08
SCALE N/A	LAYOUT DPE	DRAWN DPE
DATE 04/15/08	REVIEWED CAH	04/15/08



PAVEMENT REPAIRS
 & ENHANCED MARKING
 SUMMARY OF QUANTITIES
 AND
 INDEX TO SHEETS

IL PROJ.: MTO-3813 A.I.P. PROJ.: 3-17-0086-B21

SCOPE OF WORK

THIS PROJECT CONSIST OF CLEANING AND SEALING CRACKS ON RUNWAY 6/24, PAVEMENT REPAIRS ON 11/29, AND ENHANCED TAXIWAY CENTERLINE MARKING.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

UTILITY NOTE

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL UNDERGROUND NON-JULIE UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UNDERGROUND IMPROVEMENTS WILL BE LOCATED AT THE CONTRACTOR'S OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 15 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A DUMP TRUCK.

HAUL ROUTE AND VEHICLE PARKING

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE PROPOSED PARKING AREA WILL BE 200' X 200'. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL GRADE, FERTILIZE, SEED AND MULCH THE HAUL ROUTE AND PARKING AREA AS NEEDED TO RESTORE IT TO ITS ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES WHERE SHOWN. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.

THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

THE CONTRACTOR WILL PROVIDE A 7 DAY ADVANCE NOTICE TO THE AIRPORT MANAGER PRIOR TO STARTING ANY CONSTRUCTION ACTIVITIES THAT WILL REQUIRE THE CLOSURE OF RUNWAY 11-29.

ALL CONTRACTOR VEHICULAR TRAFFIC ON THE AIRPORT WILL HAVE AN ESCORT VEHICLE LEAD THEM TO WHERE THE WORK IS AND BACK TO THE ACCESS GATE.

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE RUNWAY CLOSURE.

NO TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT.

NO RUNWAY SHALL BE CLOSED OVERNIGHT.

BARRICADES AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AT THE LOCATIONS SHOWN ON THIS SHEET.

THE BARRICADES WILL BE I.D.O.T. TYPE 1, EQUIPPED WITH RED CONTINUOUS OR FLASHING LIGHTS AND EXTENDED 20 INCH SQUARE ORANGE FLAG.

THE CONTRACTOR WILL BE REQUIRED TO PLACE BARRICADES DURING THE ENHANCED MARKING TO INSURE THE WORK AREA IS ISOLATED FROM AIRCRAFT. ONCE THE ENHANCED MARKING IS COMPLETED AND DRIED, THE CONTRACTOR WILL REMOVE THE BARRICADES AND ALLOW AIRCRAFT TO ACCESS THAT AREA.

THE BARRICADES & TRAFFIC CONES, THEIR PLACEMENT AND REMOVALS AS RUNWAYS AND TAXIWAYS ARE OPENED AND CLOSED, MAINTENANCE, AND REPAIRS WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE 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 ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

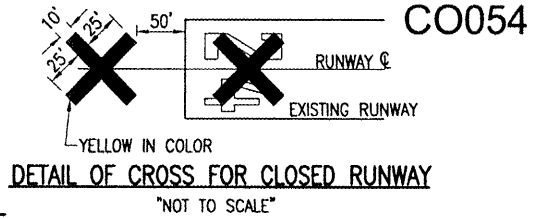
LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- PROPOSED BARRICADES OR TRAFFIC CONES WHEN 11/29 IS CLOSED
- PROPOSED BARRICADES OR TRAFFIC CONES WHEN 6/24 IS CLOSED

J.U.L.I.E. INFORMATION
 COUNTY: COLES
 CITY: MATTOON
 TOWNSHIP: LAFAYETTE
 SECTION NO.: 14, 15, 22 & 23
 ADDRESS: COLES COUNTY MEMORIAL AIRPORT
 432 AIRPORT ROAD
 MATTOON, ILLINOIS 61938

CRITICAL POINT DATA

1. LATITUDE: 39°28'41.73"
 LONGITUDE: 88°16'49.74"
 ELEV. 717.5
2. LATITUDE: 39°28'39.79"
 LONGITUDE: 88°16'43.84"
 ELEV. 718.2
3. LATITUDE: 39°28'41.99"
 LONGITUDE: 88°16'44.00"
 ELEV. 717.5
4. LATITUDE: 39°28'39.53"
 LONGITUDE: 88°16'49.56"
 ELEV. 719.5



NOTE:

COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE AIRPORT MANAGER. THE CROSSES WILL BE PLACED OVER THE NUMERALS AND SECURED IN A MANNER APPROVED BY THE MANAGER. THE PROPOSED CROSSES WILL BE PLACED EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PROPOSED SAFETY PLAN

GENERAL:
 THE COLES COUNTY MEMORIAL AIRPORT IS COMPRISED OF THREE RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING RUNWAY 11-29 AND RUNWAY 6-24 WHENEVER WORK IS BEING PERFORMED WITHIN 200' OF THE RUNWAY CENTERLINE. THE RUNWAYS WILL BE CLOSED BY THE FOLLOWING PROCEDURES:
 -ISSUANCE OF NOAM BY THE AIRPORT MANAGER
 -PLACEMENT OF CROSSES OVER THE NUMERALS
 -PLACEMENT OF TRAFFIC CONES ON THE RUNWAY AND TAXIWAYS

RUNWAY 11-29 CLOSURE:
 THIS RUNWAY WILL BE CLOSED EACH DAY BEFORE THE CONTRACTOR BEGINS WORK ON THE RUNWAY AND WILL BE REOPENED AT THE END OF EACH CONSTRUCTION DAY. BEFORE THE RUNWAY CAN BE REOPENED, THE PAVEMENT SHALL BE BROOMED CLEAN AND NO HOLES FROM THE PAVEMENT PATCHING WILL BE LEFT OPEN. THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS IN SUCH A MANNER AS TO ONLY REPAIR THOSE AREAS WHICH CAN BE COMPLETED BY THE END OF EACH DAY.

THE RUNWAY WILL NOT BE CLOSED DURING IFR CONDITIONS (CEILING HT < 1,000 FT. AND VISIBILITY < 3 MILES). ONCE THE AIRPORT MANAGER DETERMINES THAT IFR CONDITIONS ARE NO LONGER PREVAILING, THE RUNWAY CAN BE CLOSED FOR CONSTRUCTION.

RUNWAY 6-24 CLOSURE:
 THIS RUNWAY WILL BE CLOSED WHENEVER CONSTRUCTION ACTIVITIES ARE WITHIN 200' OF THE RUNWAY CENTERLINE.

SOD STRIP CLOSURE:
 WHENEVER CONSTRUCTION ACTIVITIES ARE BEING CONDUCTED WITHIN 200' OF THE SOD STRIP'S EXTENDED CENTERLINE, THE CONTRACTOR WILL CLOSE THE SOD STRIP BY PLACING CROSSES ON BOTH ENDS OF THE CLOSED SOD STRIP.

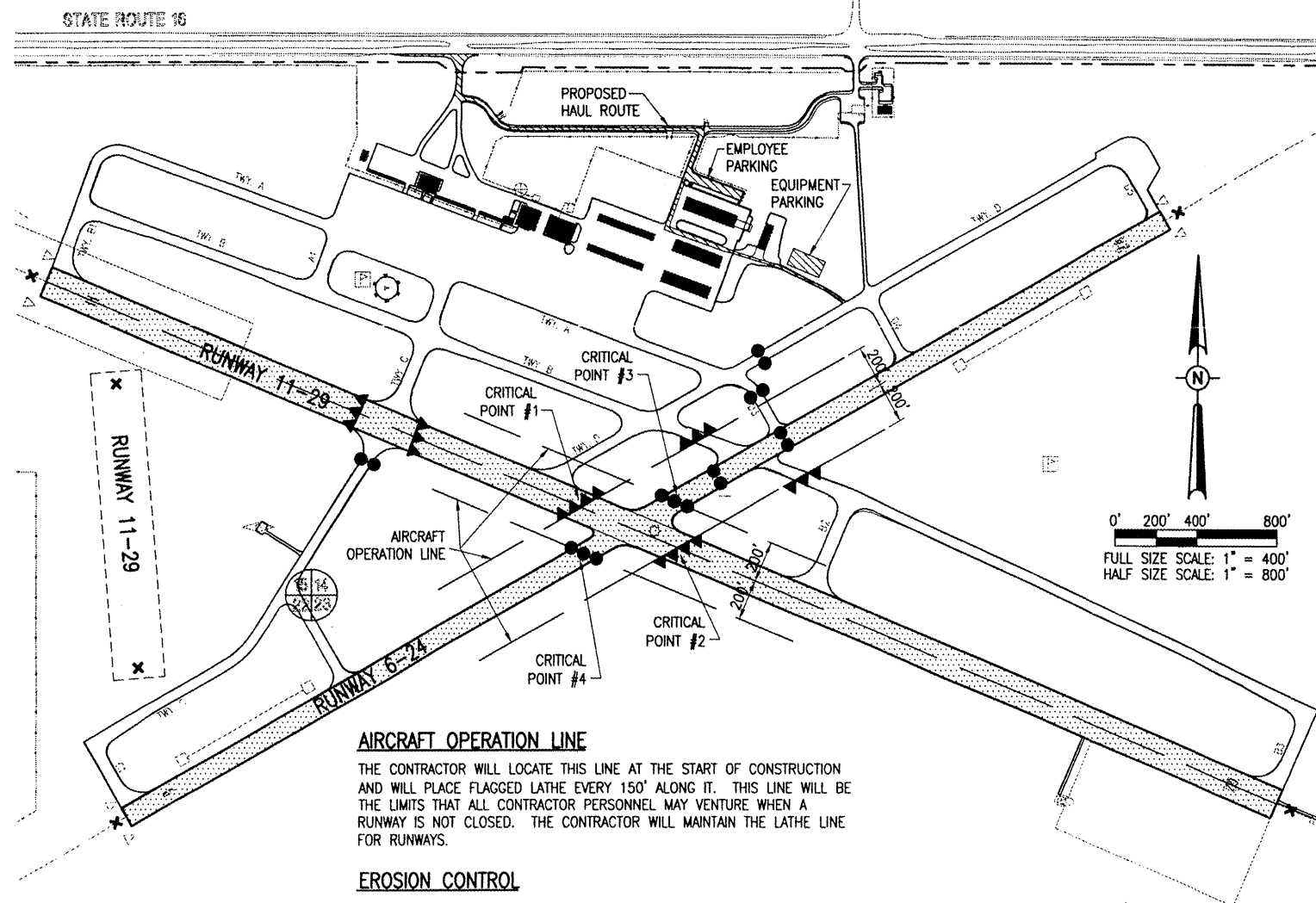
THE SOD STRIP WILL BE RE-OPENED WHEN CONSTRUCTION ACTIVITIES ARE BEYOND 200' OR AT THE END OF THE CONSTRUCTION DAY.

DURING THE COURSE OF THE PROJECT THE PLACEMENT AND REMOVAL OF THE CROSSES AND TRAFFIC CONES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TAXIWAY CLOSURE:
 A TAXIWAY WILL BE CLOSED WHENEVER CONSTRUCTION ACTIVITIES ARE WITHIN 65' OF THE TAXIWAY CENTERLINE.

IDENTIFICATION:
 WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

RADIO CONTROL:
 THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.70 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE COLES COUNTY MEMORIAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.



AIRCRAFT OPERATION LINE

THE CONTRACTOR WILL LOCATE THIS LINE AT THE START OF CONSTRUCTION AND WILL PLACE FLAGGED LATHE EVERY 150' ALONG IT. THIS LINE WILL BE THE LIMITS THAT ALL CONTRACTOR PERSONNEL MAY VENTURE WHEN A RUNWAY IS NOT CLOSED. THE CONTRACTOR WILL MAINTAIN THE LATHE LINE FOR RUNWAYS.

EROSION CONTROL

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.E.S. PERMIT WILL BE REQUIRED.

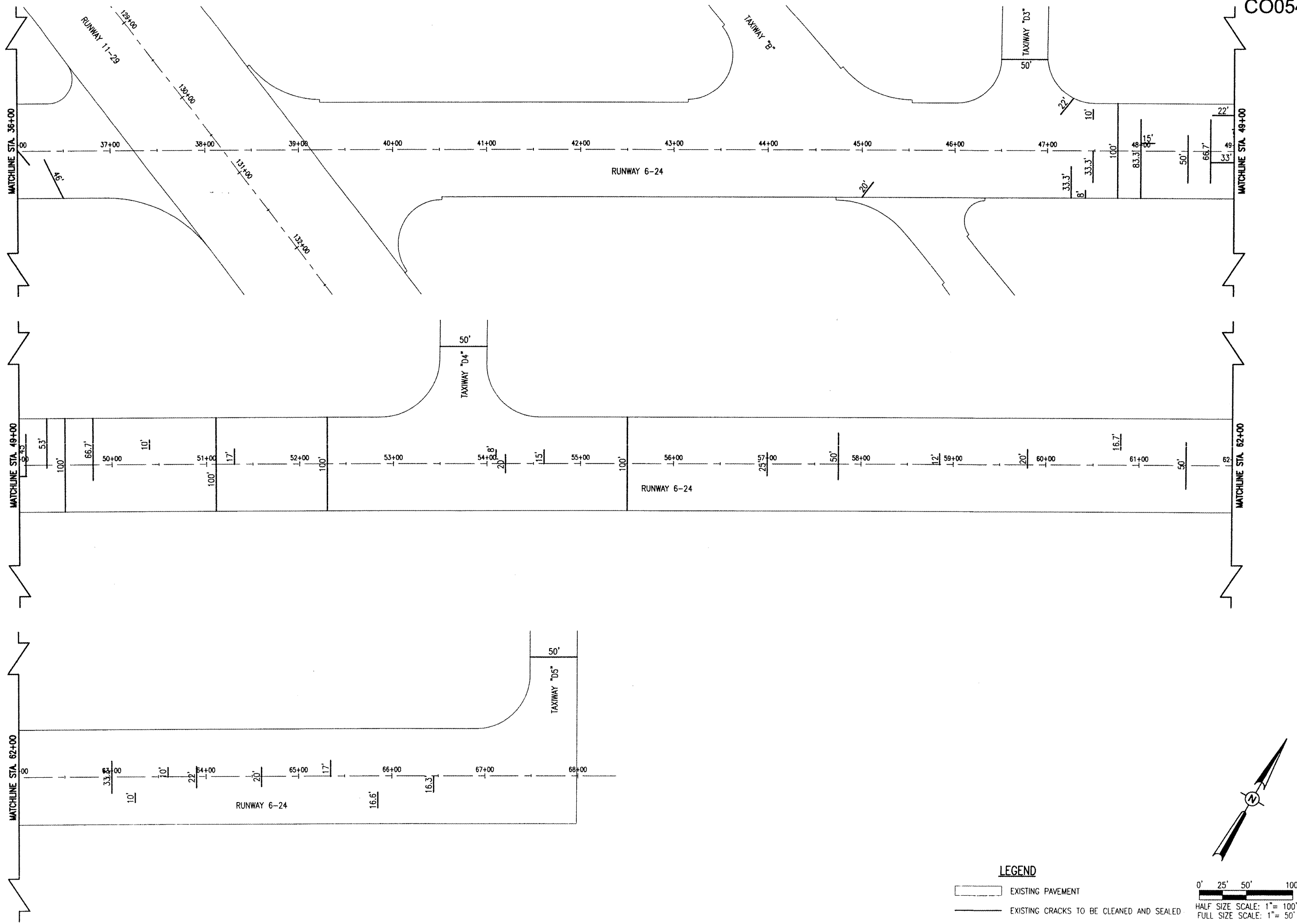
150-ENGINEER'S FIELD OFFICE NOTES

THE CONTRACTOR WILL FURNISH A CELL PHONE TO THE RESIDENT ENGINEER FOR HIS EXCLUSIVE USE FOR THE DURATION OF THIS PROJECT. THE RESIDENT ENGINEER WILL USE THIS PHONE FOR PROJECT BUSINESS ONLY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CHARGES ASSOCIATED WITH THIS CELL PHONE.

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS:
 AR150510 ENGINEER'S FIELD OFFICE ____ 1 L.S.

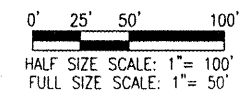
DATE	REVISION	BY	COLES COUNTY AIRPORT		
			A.I.P. PROJ.: 3-17-0066-B21		
			IL PROJ.: MTO-3813		
HSI Project No.: 08A0008D_0800 Elements: R-003SECDWG Scale: 1" = 400' Date: 04/04/08			LAYOUT	MOR	03/26/08
			DRAWN	MOR	03/26/08
			REVIEWED	CAH	05/07/08
Hanson Professional Services Inc. 1526 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide			PAVEMENT REPAIRS & ENHANCED MARKING PROPOSED SAFETY PLAN		
			3		
3 of 11 sheets					

JUN 30, 2008 11:34 AM RINK00461
 C:\AIRPORTS\COLES\08A0008\AIRPORT\SHEETS\R-121CON6-24.DWG - STA 36+00 TO 62+00



LEGEND

- EXISTING PAVEMENT
- EXISTING CRACKS TO BE CLEANED AND SEALED



CO054

DATE	REVISION	BY
06/27/08	REVISED AS PER IDA REVIEW	CAH

COLES COUNTY AIRPORT
 AUTHORITY

 COLES COUNTY MEMORIAL AIRPORT

A.I.P. PROJ.: 3-17-0066-B21
 IL PROJ.: MTO-3813

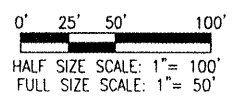
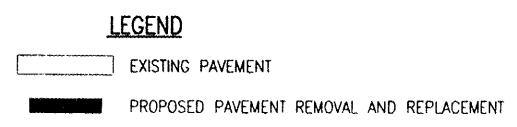
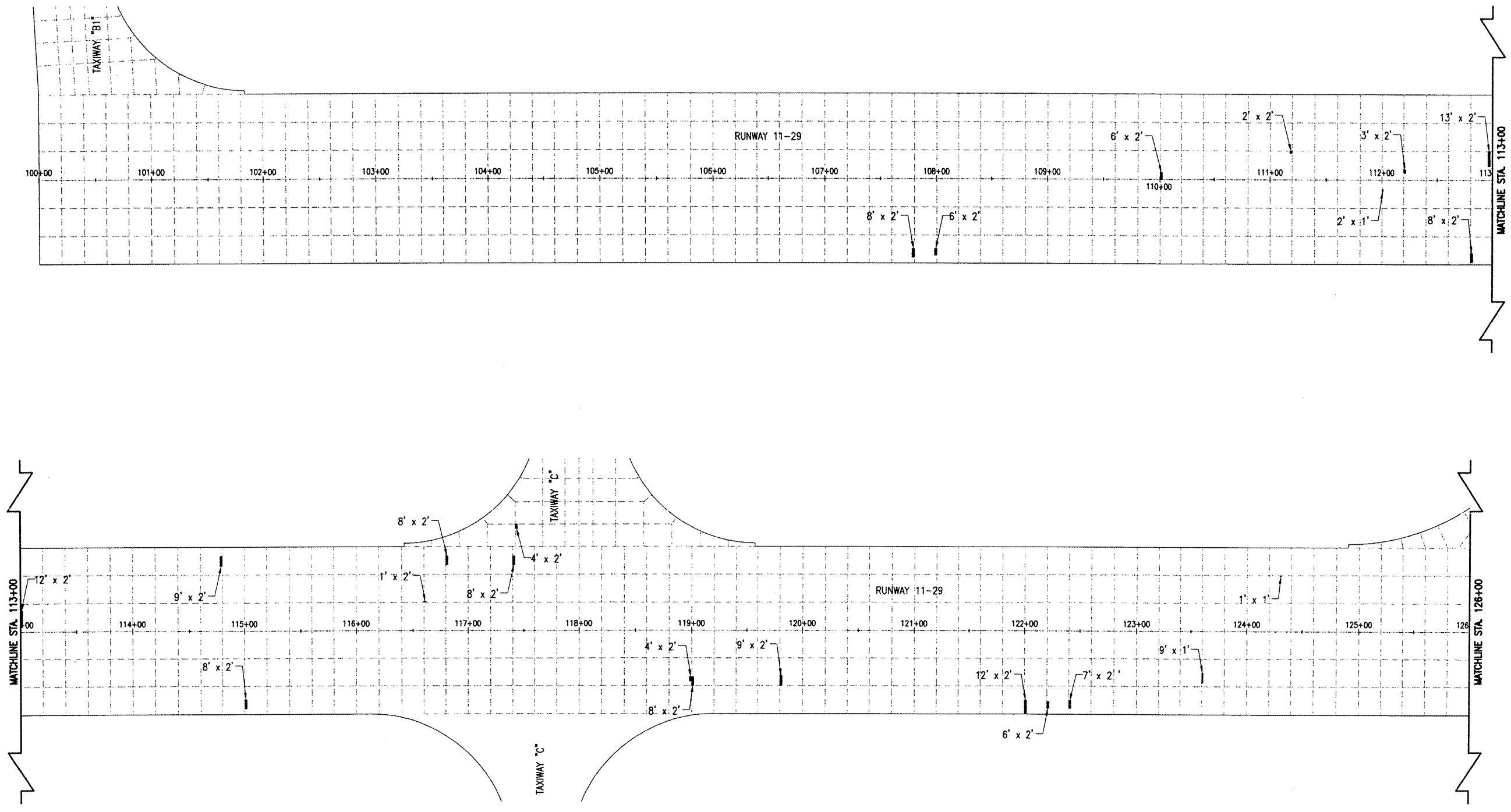
I.D. Project No. 08A0008RD_0800 Filename: R-121CON6-24.DWG Scale: 1" = 50' Date: 04/15/08	LAYOUT DPE 04/15/08 DRAWN DPE 04/15/08 REVIEWED CAH 05/01/08
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HANSON

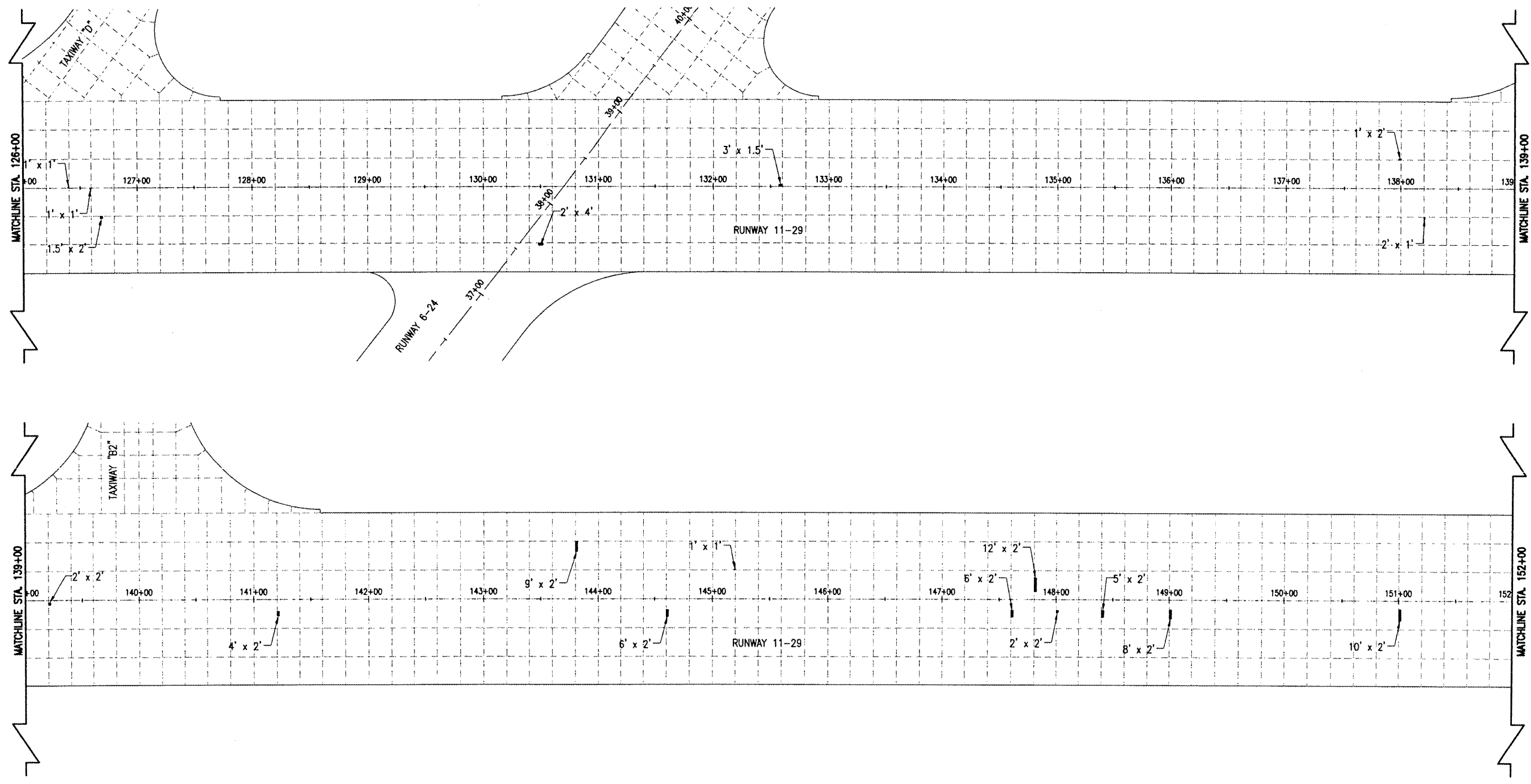
Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

**PAVEMENT REPAIRS
 & ENHANCED MARKING**

PROPOSED CONSTRUCTION
 PLAN FOR RUNWAY 6/24
 STA. 36+00 TO STA. 68+00

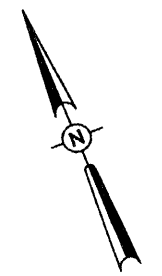
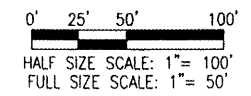


<p>HANSON</p> <p>Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide</p>	<p>HEB Project No. 08A0008D.0800 Program R-121CON11-29.DWG Scale 1" = 50' Date 04/15/08</p>	<p>DATE 06/27/08 REVISION REVISION AS PER I.D.A. REVIEW BY CAH</p>
	<p>COLES COUNTY AIRPORT AUTHORITY COLES COUNTY MEMORIAL AIRPORT</p>	<p>A.I.P. PROJ.: 3-17-0066-B21 I.L. PROJ.: MTO-3813</p>
<p>& ENHANCED MARKING ON RUNWAY 11-29</p>	<p>PROPOSED CONSTRUCTION PLAN FOR RUNWAY 11/29 STA. 100+00 TO STA. 126+00</p>	<p>LAYOUT DPE 04/15/08 DRAWN DPE 04/15/08 REVIEWED CAH 05/07/08</p>
<p>6</p>	<p>6 of 11 sheets</p>	



LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT REMOVAL AND REPLACEMENT



DATE	REVISION	BY
06/27/08	REVISED AS PER IDA REVIEW	CAH

COLES COUNTY AIRPORT AUTHORITY
 COLES COUNTY MEMORIAL AIRPORT

A.I.P. PROJ.: 3-17-0066-B21
 I.L. PROJ.: MTO-3813

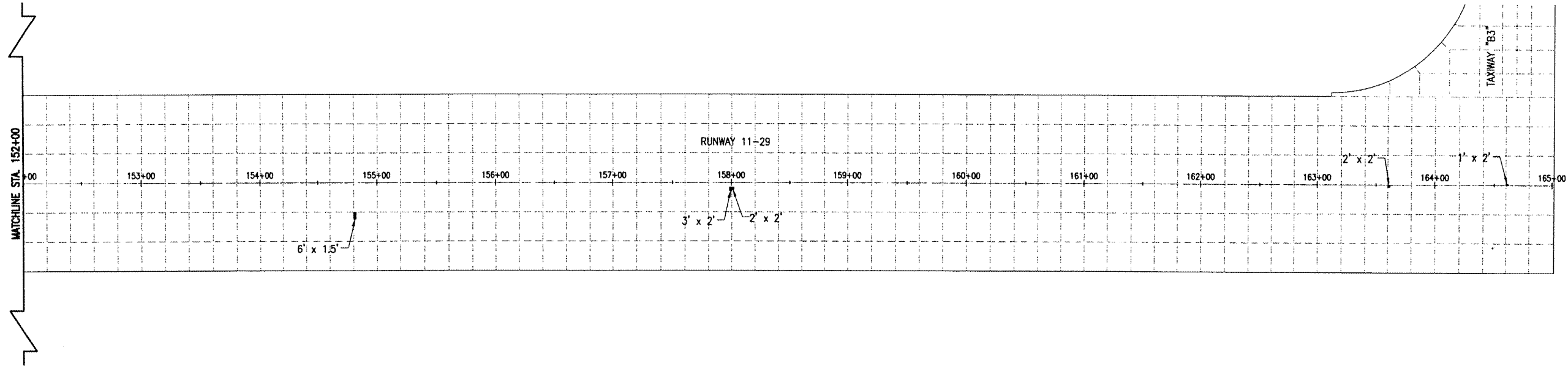
H&E Project No. 08A0008D-0800	
Extension: R-121CON11-29.DWG	
Scale: 1" = 50'	Date: 04/15/08
LAYOUT	DPE 04/15/08
DRAWN	DPE 04/15/08
REVIEWED	CAH 05/01/08

HANSON

Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

PAVEMENT REPAIRS & ENHANCED MARKING

PROPOSED CONSTRUCTION
 PLAN FOR RUNWAY 11/29
 STA. 126+00 TO STA. 152+00



REMOVE AND REPLACE P.C.C. PAVEMENT

THE PAVEMENT AREAS TO BE REPAIRED ARE AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL PAVEMENT REPAIR AREAS WILL BE MARKED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

AREAS LESS THAN 6" IN LENGTH AND 2" IN WIDTH SHALL NOT BE REPAIRED BUT SHALL BE FILLED WITH THE JOINT SEALER MATERIAL IN ACCORDANCE WITH THE SPECIFICATIONS.

THE DISTRESSED AREA WILL BE REPAIRED BY PARTIAL DEPTH PATCHING. THE PATCHING MATERIAL SHALL BE A HIGH EARLY STRENGTH, FAST SETTING MORTAR.

THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS IN SUCH A MANNER AS TO ONLY REPAIR THOSE AREAS WHICH CAN BE COMPLETED BY THE END OF EACH DAY.

THE CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S WRITTEN INSTRUCTIONS FOR HANDLING, MIXING, PLACEMENT, CONSOLIDATION, SCREENING, AND CURING OF THE PATCHING MATERIAL.

A 2" DEPTH SAW CUT SHALL BE MADE AROUND THE PERIMETER OF THE PATCH AREA TO PROVIDE A VERTICAL FACE AT THE EDGE AND SUFFICIENT DEPTH FOR THE PATCH. THE "RUN-OUT" OF THE SAW CUTS IN THE EXISTING SLAB SHALL BE FILLED WITH THE MORTAR PHASE OF THE PATCH MATERIAL.

IN REMOVING THE CONCRETE WITHIN THE PATCH AREA, THE CONTRACTOR SHALL BE EXTRA CAUTIOUS AS TO NOT DAMAGE OR FRACTURE THE CONCRETE BELOW THE REQUIRED DEPTH. THE CONCRETE SHALL BE REMOVED TO A DEPTH OF FINDING UNDAMAGED CONCRETE. A HAMMER IS TO BE USED TO RING THE UNDERLYING PAVEMENT FOR SOUNDNESS.

AFTER REMOVAL OF THE CONCRETE, THE SURFACE OF THE PATCH AREA SHALL BE SANDBLASTED FREE OF LOOSE PARTICLES, OIL, DUST, AND OTHER CONTAMINANTS. ONCE THIS IS COMPLETED, THE PATCH AREA SHALL BE AIR BLASTED FOR FINAL CLEANING.

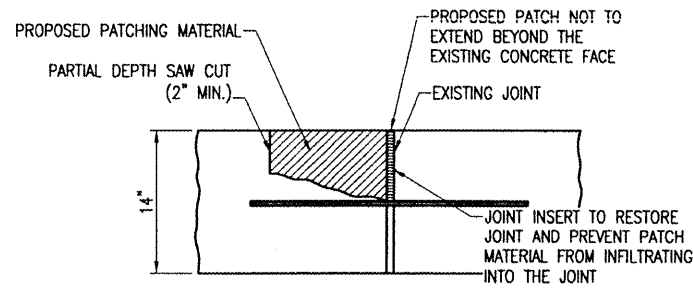
THE PATCH AREA SHALL BE DAMPENED WITH CLEAN WATER BEFORE PATCHING, NO PUDDLES OF WATER SHALL BE LEFT IN THE HOLE BEFORE PLACING MATERIAL.

THE PATCH MIXTURE SHALL BE PLACED AND CONSOLIDATED TO ELIMINATE ESSENTIALLY ALL VOIDS AT THE INTERFACE BETWEEN THE PATCH AND THE EXISTING CONCRETE. ALL PATCHES SHALL BE FINISHED TO CONFORM WITH THE EXISTING PAVEMENT TEXTURE.

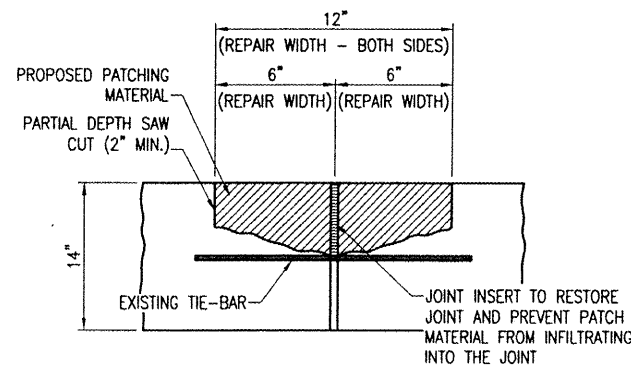
THE NEW PATCH MUST NOT BE IN CONTACT WITH THE ADJACENT SLAB PANELS. A FOAM PLASTIC SHEETING OR WALLBOARD 1/8" TO 3/8" THICK SHALL BE INSERTED IN THE JOINT TO MAINTAIN A SPACE BETWEEN THE PATCH AND THE ADJACENT PANEL. THE PATCH IS NOT TO PROTRUDE BEYOND THE FACE OF THE CONCRETE SLAB.

FOR POSITIVE CURING OF THE PATCHED AREA, WET BURLAP MATERIAL SHALL BE PLACED OVER THE AREA AND REWETTED WHEN NEEDED FOR PROPER CURING.

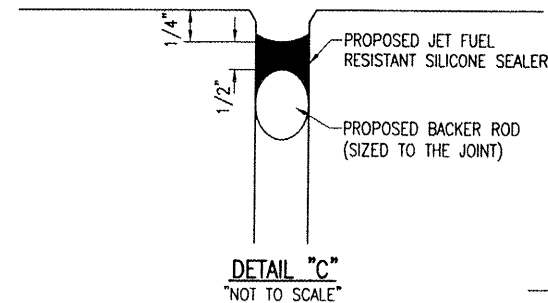
THE EXISTING JOINTS ADJACENT TO THE PATCHED AREAS SHALL BE RE-SAWED AND CLEANED BEFORE RESEALING THE JOINT.



REMOVE AND REPLACE P.C.C. PAVEMENT
NOT TO SCALE



REMOVE AND REPLACE P.C.C. PAVEMENT
NOT TO SCALE



DETAIL "C"
NOT TO SCALE

CLEAN & SEAL JOINTS

THE EXISTING JOINTS TO BE CLEANED AND RESEALED IN ACCORDANCE WITH THE SPECIFICATIONS WILL BE LOCATED IN THE FIELD AT THE TIME OF CONSTRUCTION.

THE EXISTING JOINTS VARY APPROXIMATELY FROM 3/8" TO 1/2" IN WIDTH.

THE TYPE OF JOINT SEALER TO BE REMOVED FROM THE TRANSVERSE AND LONGITUDINAL JOINTS IS A SILICONE SEALANT MATERIAL.

THE CONTRACTOR SHALL USE A SILICONE SEALANT MATERIAL TO RESEAL THE LONGITUDINAL AND TRANSVERSE JOINTS. THE JOINT PREPARATION SHALL INCLUDE THE REMOVAL OF OLD SEALANT. JOINT PREPARATION WILL INCLUDE SAWING, SANDBLASTING, CLEANING, INSTALLATION OF BACKER ROD, AND THE INSTALLATION OF SILICONE SEALANT.

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.

THE RESIDENT ENGINEER SHALL EXAMINE THE JOINTS FOR THE FOLLOWING FEATURES:

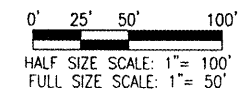
- JOINT FACE IS CLEAN AND DRY BEFORE SEALANT APPLICATION.
- NO BACKER MATERIAL IS DAMAGED OR FLOATING IN THE SEALANT.
- JOINTS ARE NOT UNDER FILLED OR OVER FILLED.
- SEALANT HAS ADHERED TO THE FACE OF THE JOINT.
- SPILLED SEALANT HAS BEEN REMOVED.
- NO DEBRIS IS LEFT ON THE PAVEMENT SURFACE.

THE JOINTS SHALL BE RE-SEALED IN ACCORDANCE WITH ITEM 605 JOINT SEALING FILLER USING DOW CORNING 888 NON SAG SILICONE JOINT SEALER. THE SEALER SHALL BE NEATLY FINISHED AS SHOWN IN THE DETAIL. ALL OVERFILLED JOINTS SHALL BE REMOVED AND CORRECTED. SPILLS SHALL BE REMOVED FROM THE PAVEMENT.

LEGEND

EXISTING PAVEMENT

PROPOSED PAVEMENT REMOVAL AND REPLACEMENT



DATE	REVISION	BY
05/27/08	REVISED AS PER IDA REVIEW	CAH

COLES COUNTY AIRPORT

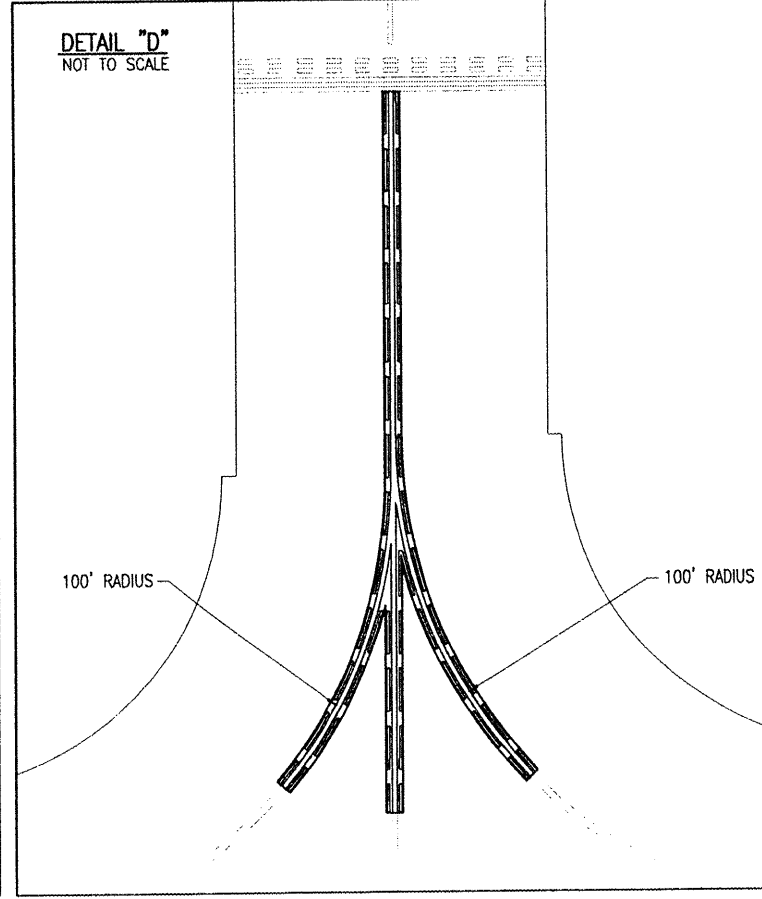
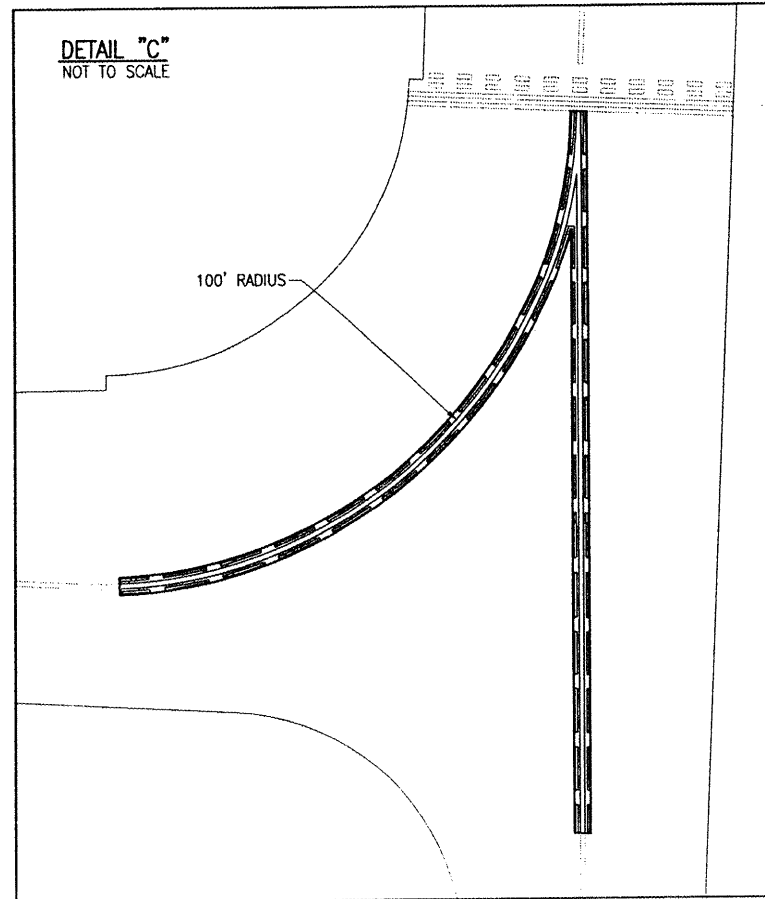
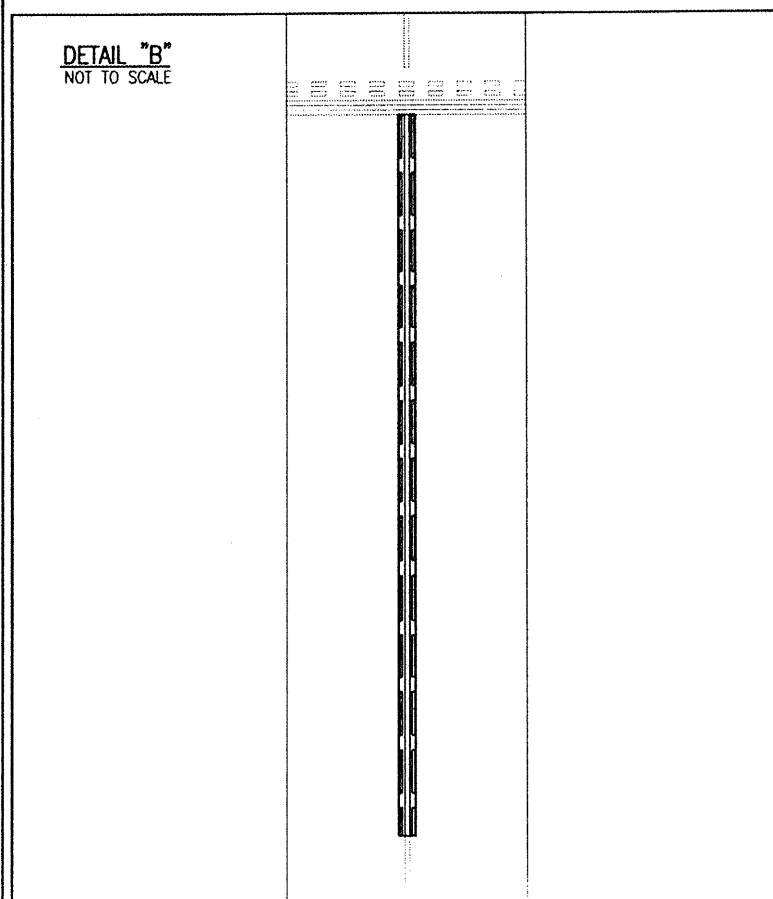
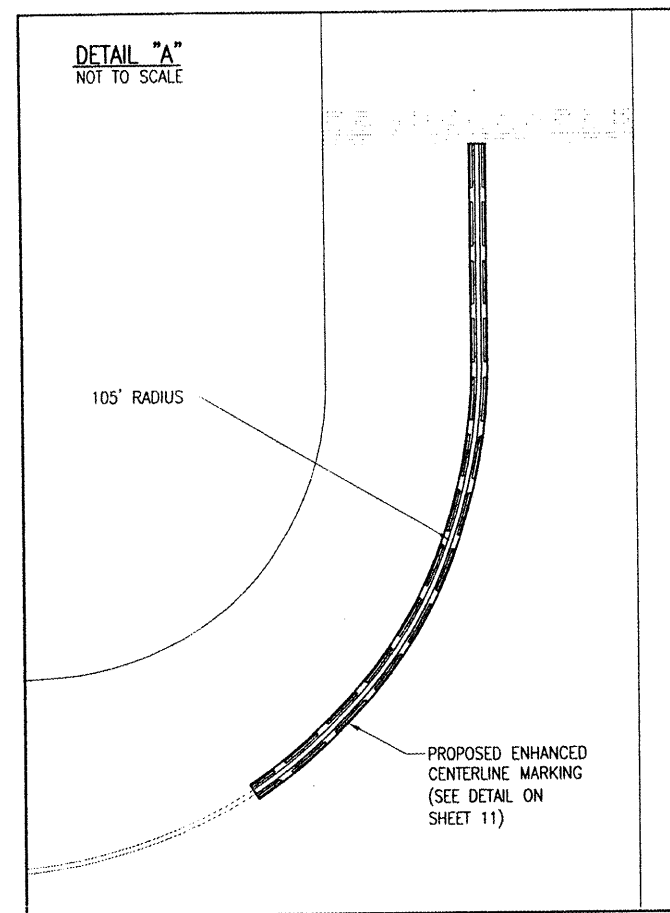
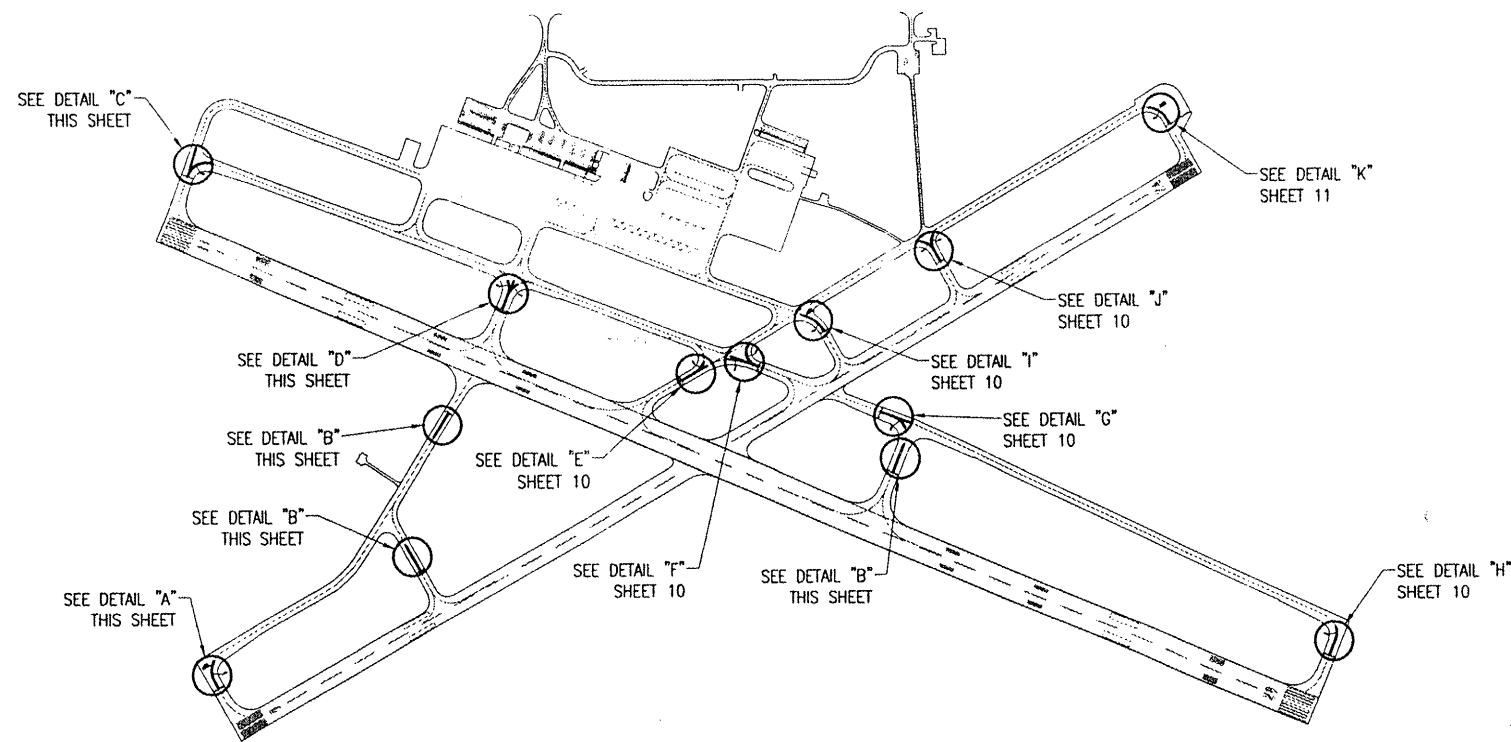
 A.I.P. PROJ.: 3-17-0066-B21
 I.L. PROJ.: MTO-3813

HEL Project No. 08A0008D.0800	DPE	04/15/08
File Name: R-121CON11-29.DWG	DPE	04/15/08
Scale: 1" = 50'	CAH	05/01/08
Date: 04/15/08		
LAYOUT		
DRAWN		
REVIEWED		

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

PAVEMENT REPAIRS & ENHANCED MARKING
 PROPOSED CONSTRUCTION
 PLAN FOR RUNWAY 11/29
 STA. 152+00 TO STA. 165+00

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LEGEND
 EXISTING IMPROVEMENTS

DATE	REVISION	BY

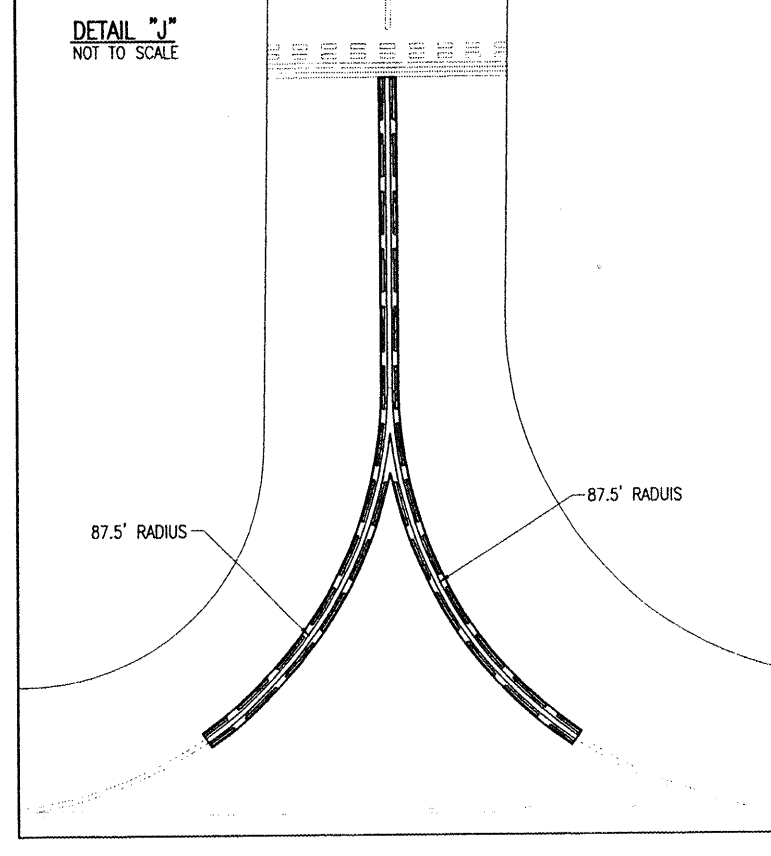
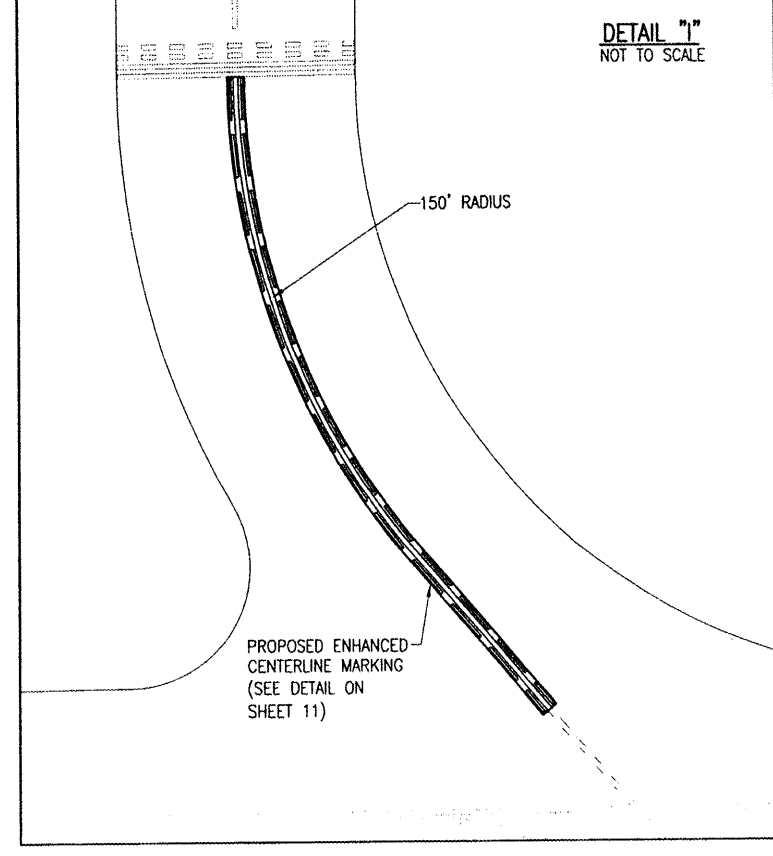
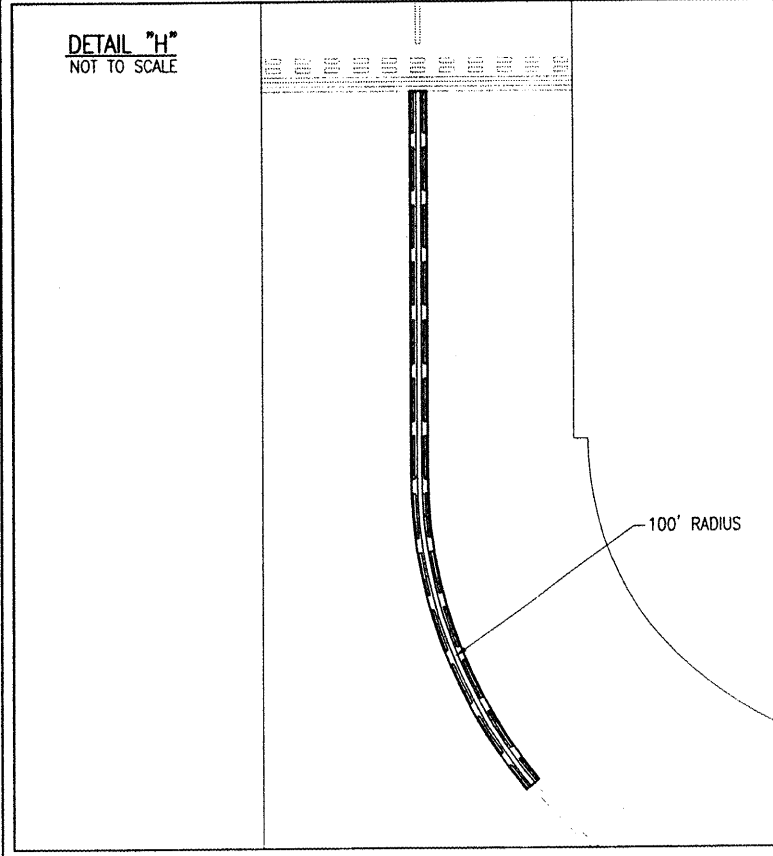
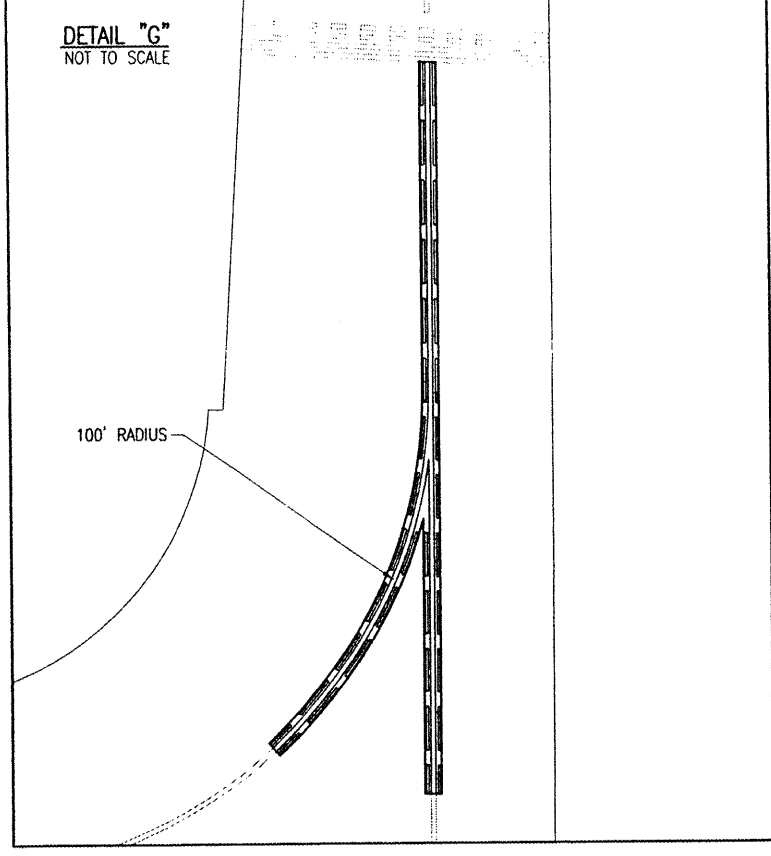
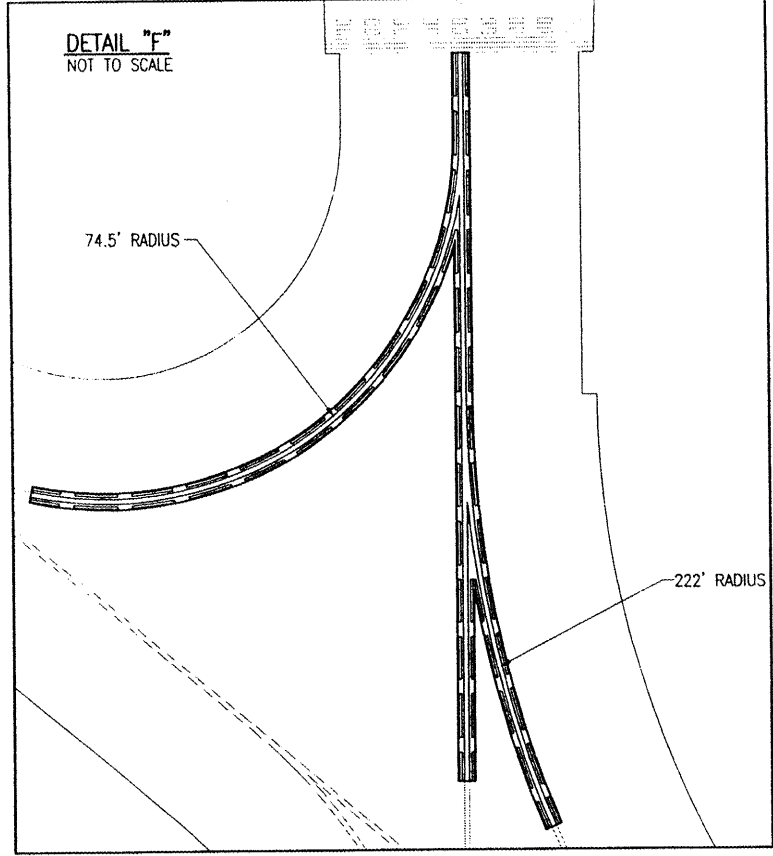
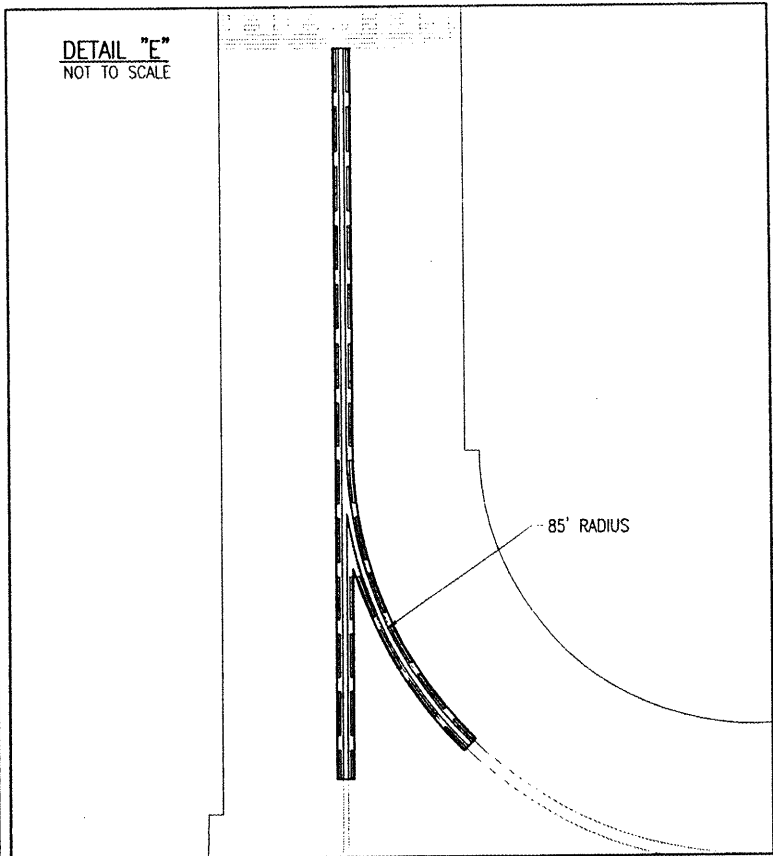
COLES COUNTY AIRPORT
 AUTHORITY
 COLES COUNTY MEMORIAL AIRPORT
 ILL. PROJ.: MTO-3813 A.I.P. PROJ.: 3-17-0086-B21

ILL. Project No. 08A0008D_0800 Filename R-151MRK.DWG Scale N/A Date 03/23/08	LAYOUT MDR 04/23/08 DRAWN MDR 04/23/08 REVIEWED CAH 05/01/08
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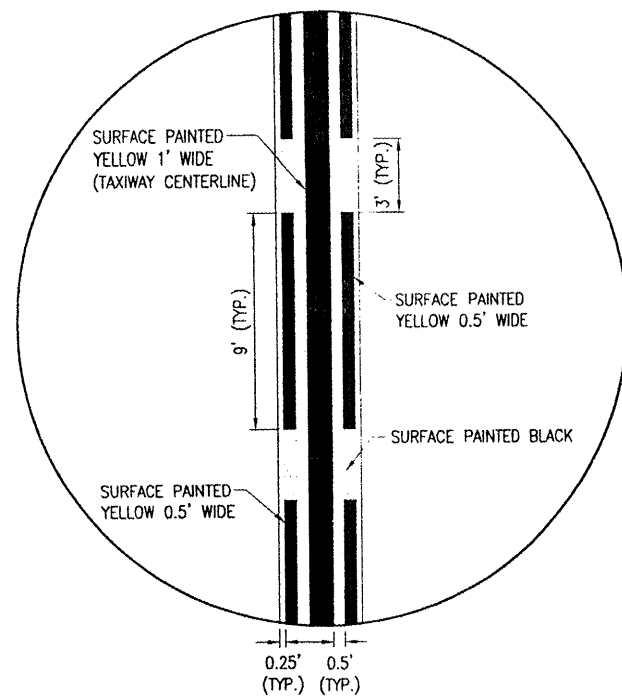
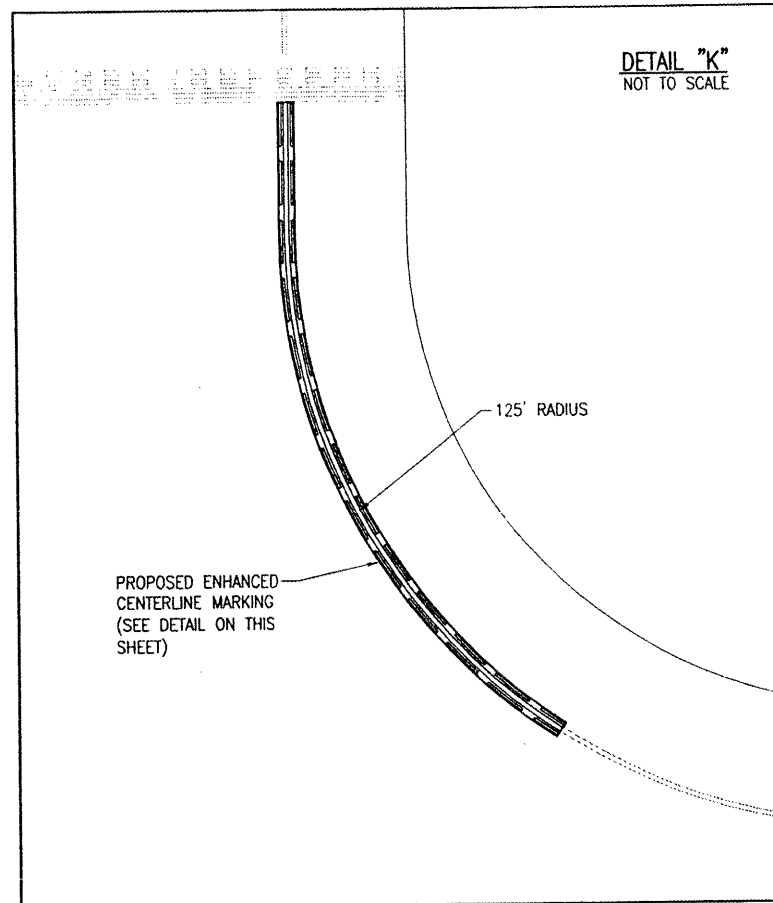
PAVEMENT REPAIRS
 & ENHANCED MARKING
 PROPOSED
 ENHANCED PAVEMENT
 MARKING DETAILS

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 \REPORTS\COLES\08A0008\AIRPORT\SHEETS\R-151MRK.DWG - DETAILS E-J



LEGEND
 EXISTING IMPROVEMENTS

	REVISION	DATE	BY
<p>COLES COUNTY AIRPORT AUTHORITY COLES COUNTY MEMORIAL AIRPORT</p>			
ILL. PROJ.: MTO-3813		A.I.P. PROJ.: 3-17-0066-B21	
HANSON Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide			
PAVEMENT REPAIRS & ENHANCED MARKING		PROPOSED ENHANCED PAVEMENT MARKING DETAILS	
10		10 of 11 sheets	



ENHANCED TAXIWAY MARKING DETAIL
"NOT TO SCALE"

MARKING REMOVAL NOTES:

PRIOR TO PAINTING THE NEW ENHANCED CENTERLINE STRIPES THE CONTRACTOR WILL REMOVE THE EXISTING CENTERLINE STRIPE WHERE THE PROPOSED MARKING WILL BE PLACED.

THE EXISTING CENTERLINE STRIPE WILL BE REMOVED BY WATER BLASTING, BEAD BLASTING OR SOME OTHER PROCESS THAT WILL NOT DAMAGE THE EXISTING PAVEMENT.

ALL RESIDUE FROM THE MARKING REMOVAL WILL BE COLLECTED AND PROPERLY DISPOSED OF OFF THE AIRPORT SITE.

THE MARKING REMOVAL WILL BE PAID FOR UNDER:

AR620900 "PAVEMENT MARKING REMOVAL" _ _ PER SQ.YD.

PAVEMENT MARKING PREPARATION NOTES:

PRIOR TO PAINTING THE NEW ENHANCED CENTERLINE STRIPES THE CONTRACTOR WILL CLEAN THE EXISTING CONCRETE PAVEMENT WHERE THE PROPOSED MARKING (BOTH YELLOW AND BLACK) WILL BE PLACED.

THE EXISTING PAVEMENT WILL BE CLEANED BY WATER BLASTING, BEAD BLASTING OR SOME OTHER PROCESS THAT WILL NOT DAMAGE THE EXISTING PAVEMENT.

ALL RESIDUE FROM THE PAVEMENT CLEANING WILL BE COLLECTED AND PROPERLY DISPOSED OF OFF THE AIRPORT SITE.

THE PROPOSED MARKING PAVEMENT CLEANING WILL BE PAID FOR UNDER:

AR800443 "PAVEMENT CLEANING PRIOR TO MARKING" _ _ PER SQ.YD.

ENHANCED MARKING NOTE:

THE ENHANCED TAXIWAY MARKING WILL BE CONSTRUCTED TO THE DIMENSIONS AND COLORS AS SHOWN ON THE "ENHANCED TAXIWAY MARKING DETAIL" AS SHOWN ON THIS SHEET.

THE ENHANCED TAXIWAY MARKING WILL START AT THE EDGE OF THE ASSOCIATED HOLD LINE'S BLACK BORDER. THE ENHANCED MARKING WILL EXTEND FOR 150' FROM THIS POINT.

IN THE CASE WHERE THE TAXIWAY CENTERLINE FOLLOWS A RADIUS, THE ENHANCED MARKING WILL FOLLOW THE RADIUS AS SHOWN ON THE CORRESPONDING DETAILS. THE 150' WILL BE MEASURED ALONG THE CENTER OF THE TAXIWAY CENTER LINE AND WILL EXTEND FOR AN OVER ALL LENGTH OF 150'

QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR620520	PAVEMENT MARKING - WATERBORNE	S.F.	4,550	
AR620525	PAVEMENT MARKING - BLACK BORDER	S.F.	4,450	
AR620900	PAVEMENT MARKING REMOVAL	S.F.	2,638	
AR800443	PAVEMENT CLEANING PRIOR TO MARKING	S.F.	3,933	

LEGEND

EXISTING IMPROVEMENTS

DATE	REVISION	BY

COLES COUNTY AIRPORT

 A.I.P. PROJ.: 3-17-0066-821
 IL. PROJ.: MTO-3813

HEL. Project No.: 08A0008D.0800	04/23/08
Filename: R-151MRK.DWG	MDR
Scale: N/A	MDR
Date: 04/23/08	CAH
LAYOUT	05/01/08
DRAWN	04/23/08
REVIEWED	04/23/08

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PAVEMENT REPAIRS & ENHANCED MARKING
 PROPOSED ENHANCED PAVEMENT MARKING DETAILS