

# CONSTRUCTION PLANS

## FOR

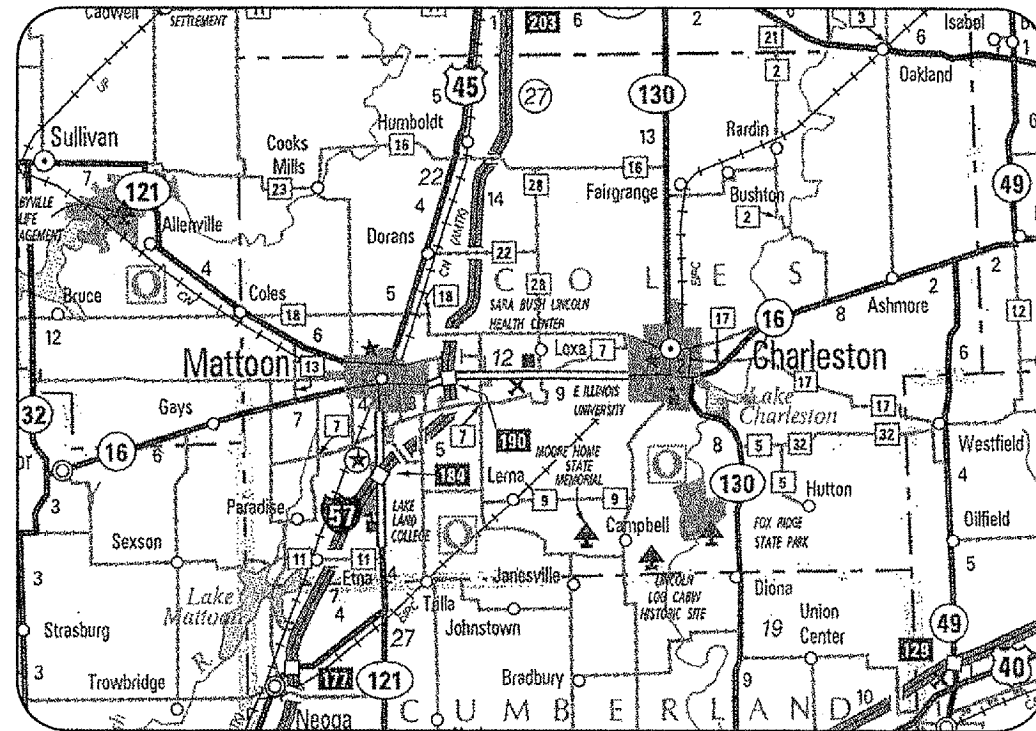
# COLES COUNTY MEMORIAL AIRPORT

## MATTOON-CHARLESTON, COLES COUNTY, ILLINOIS

### PAVEMENT REPAIRS ON RUNWAY 11/29

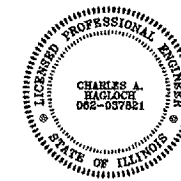
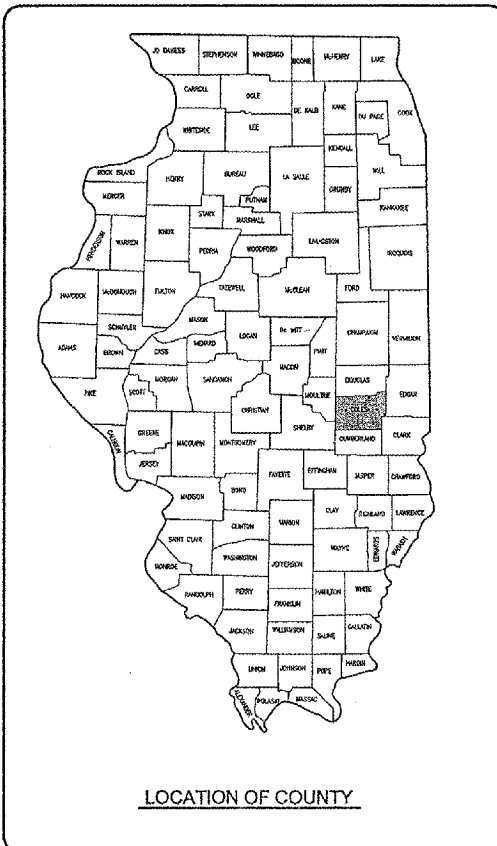
#### SCOPE OF WORK

THIS PROJECT CONSISTS OF REMOVE AND REPLACE PCC PAVEMENT, SURFACE PATCHING, CLEAN & SEAL CRACKS WITH A SILICONE SEALER, AND PAVEMENT MARKING ON RUNWAY 11-29. THIS PROJECT ALSO INCLUDES CLEAN & SEAL CRACKS AND REMOVE & REPLACE PCC PAVEMENT ON TAXIWAY "B" AND TAXIWAY "D."



### LOCATION

ILL. PROJ.: MTO-3551  
 A.I.P. PROJ.: 3-17-0066-B17  
 LATITUDE: 39° 28' 40"  
 LONGITUDE: 88° 16' 45"  
 ELEVATION: 721.0' M.S.L.  
 DATE: FEB. 3, 2006



REVISED: MARCH 31, 2006

**HANSON**  
 Hanson Professional Services Inc.

Submitted by *Charles A. Haglund* ENG'R  
 Date Submitted MARCH 31, 2006  
 Lics. Exp. Date NOVEMBER 30, 2007

COLES COUNTY AIRPORT AUTHORITY

Approved *Reginald W. Rittner* CHAIRMAN  
 Date Feb. 14, 2006  
 Approved *Andy J. Feam* AIRPORT DIRECTOR  
 Date 2-14, 06

DATE	REVISION	BY

COLES COUNTY AIRPORT AUTHORITY

ILL. PROJ.: MTO-3551  
 A.I.P. PROJ.: 3-17-0066-B17

HEL Project No. 815-06RWYD	10/31/05
Elimination R-001CVR.DWG	CCC
Scale N/A	CCC
Date 10/31/05	CAH
LAYOUT	10/31/05
DRAWN	10/31/05
REVIEWED	01/09/06

**HANSON**  
 Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62703-2896  
 Offices Nationwide

PAVEMENT REPAIRS  
 ON RUNWAY 11-29

COVER SHEET

MAR 29, 2006 9:15 AM CAH  
 I:\AIRPORTS\COLES\B15-06RWY\AIRPORT\SHEETS\R-001CVR.DWG - COVER

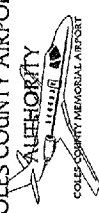
DATE	REVISION	BY

SUMMARY OF QUANTITIES


ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150530	HAUL ROUTE	L.S.	1	
AR501911	REMOVE AND REPLACE PCC PAVEMENT	S.F.	1,219	
AR605541	CLEAN & SEAL CRACKS	L.F.	475	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	108,734	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	22,991	
AR620900	PAVEMENT MARKING REMOVAL	S.F.	17,008	
AR800403	SURFACE PATCHING	S.F.	54	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES, INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	PROPOSED CONSTRUCTION PLAN: 11-29 - STA. 100+00 TO STA. 107+00
5	PROPOSED CONSTRUCTION PLAN: 11-29 - STA. 107+00 TO STA. 122+00
6	PROPOSED CONSTRUCTION PLAN: 11-29 - STA. 122+00 TO STA. 137+00
7	PROPOSED CONSTRUCTION PLAN: 11-29 - STA. 137+00 TO STA. 152+00
8	PROPOSED CONSTRUCTION PLAN: 11-29 - STA. 152+00 TO STA. 165+01
9	PROPOSED CONSTRUCTION PLAN: TAXIWAY "B" - STA. 100+00 TO STA. 130+30
10	PROPOSED CONSTRUCTION PLAN: TAXIWAY "D" - STA. 0+00 TO STA. 7+60
11	PROPOSED MARKING PLAN: 11-29 - STA. 100+00 TO STA. 112+00
12	PROPOSED MARKING PLAN: 11-29 - STA. 112+00 TO STA. 125+00
13	PROPOSED MARKING PLAN: 11-29 - STA. 125+00 TO STA. 138+00
14	PROPOSED MARKING PLAN: 11-29 - STA. 138+00 TO STA. 152+00
15	PROPOSED MARKING PLAN: 11-29 - STA. 152+00 TO STA. 165+01

COLES COUNTY AIRPORT  
  
 COLES COUNTY AIRPORT AUTHORITY  
 I.L. PROJ.: MTO-3551 A.I.P. PROJ.: 3-17-0066-B17

IBL Project No. 815-06RWYD	CCC	10/31/05
Filename R-002FLP.DWG	CCC	10/31/05
Scale N/A	CAH	01/09/06
Date 10/31/05		
LAYOUT		
DRAWN		
REVIEWED		

  
**HANSON**  
 Hanson Professional Services Inc.  
 1526 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

PAVEMENT REPAIRS  
 ON RUNWAY 11-29  
 SUMMARY OF QUANTITIES,  
 INDEX TO SHEETS

**SCOPE OF WORK**

THIS PROJECT CONSIST OF REMOVE AND REPLACE PCC PAVEMENT, SURFACE PATCHING, CLEAN & SEAL CRACKS WITH A SILICONE SEALER, AND PAVEMENT MARKING ON RUNWAY 11-29. THIS PROJECT ALSO INCLUDES CLEAN & SEAL CRACKS AND REMOVE & REPLACE PCC PAVEMENT ON TAXIWAY "B" AND TAXIWAY "D."

**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 IN THIS AREA. 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 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 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.

**EROSION CONTROL**

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

**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.

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**

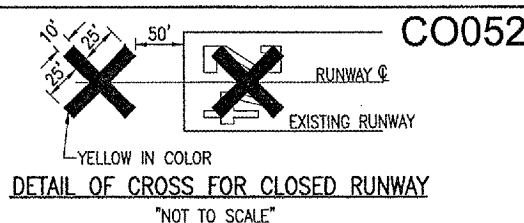
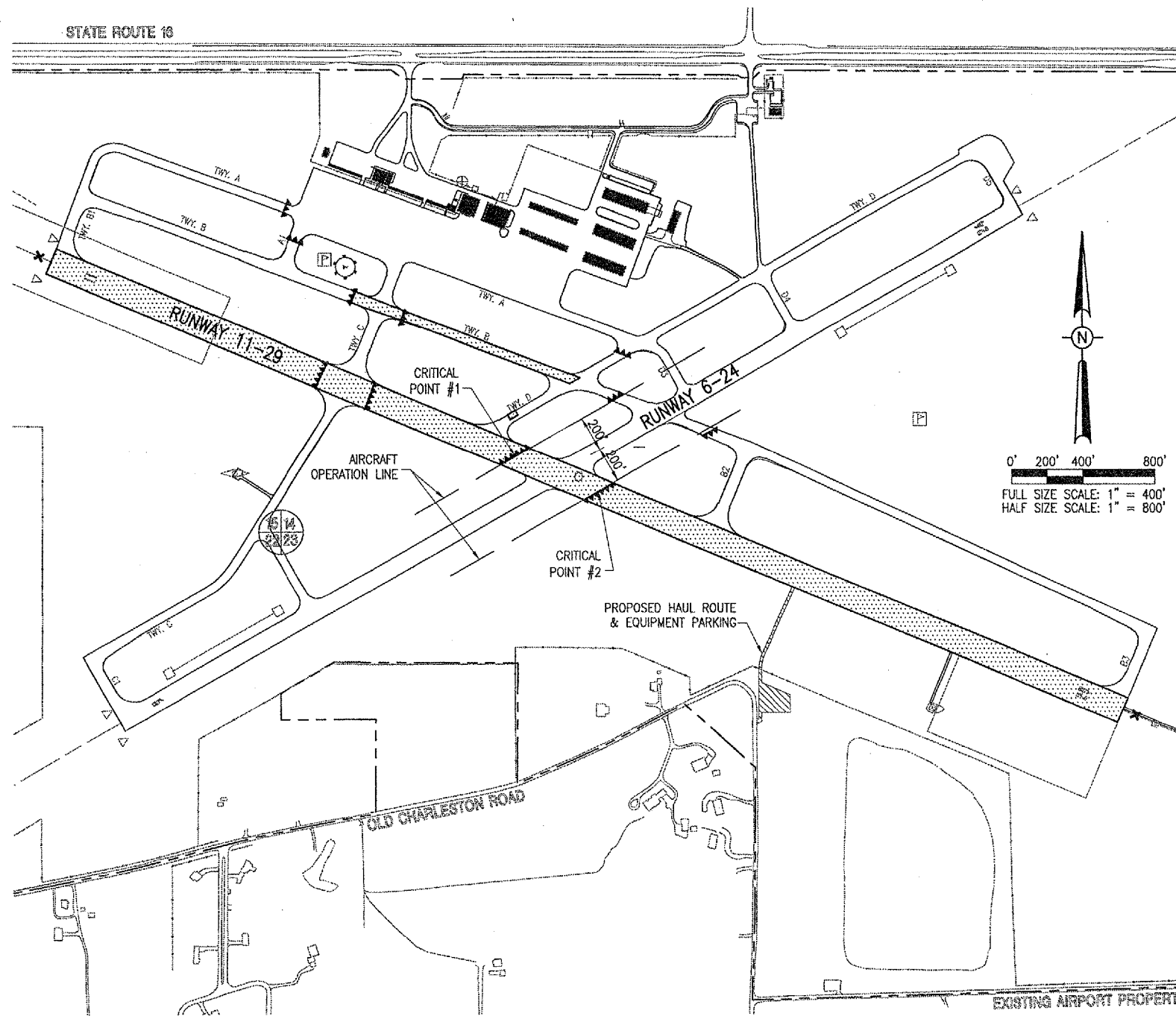
- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- PROPOSED BARRICADES OR TRAFFIC CONES

**CRITICAL POINT DATA**

1. LATITUDE: 39°28'41.73"  
LONGITUDE: 88°16'49.74"  
ELEVATION: 718.01
2. LATITUDE: 39°28'39.79"  
LONGITUDE: 88°16'43.84"  
ELEVATION: 718.15

**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



**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.

**150-ENGINEER'S FIELD OFFICE NOTES**

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE FURNISHED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH ITEM AR150510 "ENGINEER'S FIELD OFFICE" AS STATED ON PAGE 168 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2003.

THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

THE ENGINEERING FIRM WILL MAKE PAYMENT FOR ALL LONG DISTANCE TELEPHONE CALLS IN EXCESS OF ONE HUNDRED DOLLARS (\$100.00) PER MONTH.

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

**PROPOSED SAFETY PLAN**

GENERAL:  
THE COLES COUNTY MEMORIAL AIRPORT IS COMPRISED OF THREE RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING RUNWAY 11-29 DURING EACH WORK DAY. RUNWAY 6-24 WILL BE CLOSED 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.

DURING THE COURSE OF THE PROJECT THE PLACEMENT AND REMOVAL OF THE CROSSES AND TRAFFIC CONES WILL BE 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.

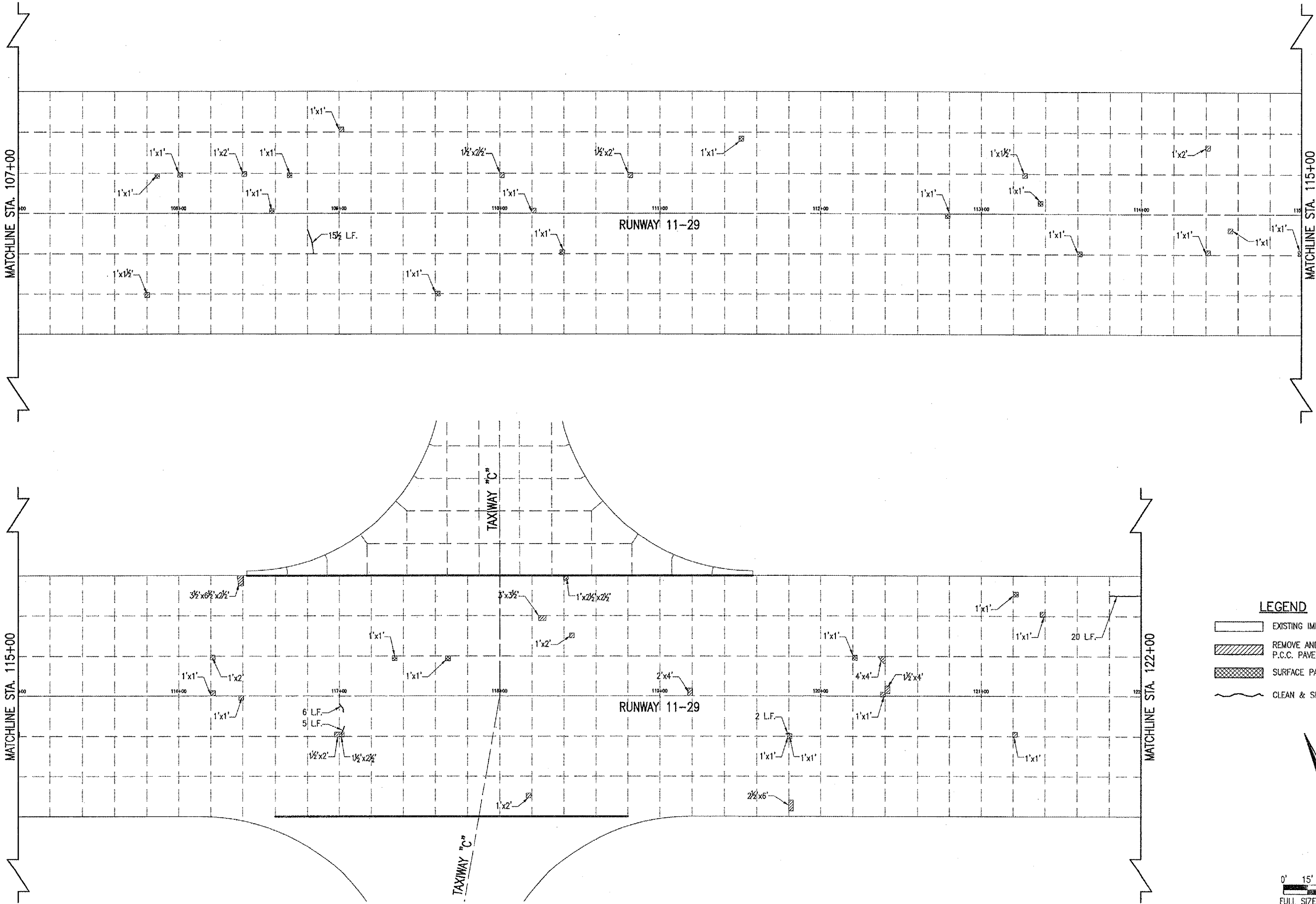
RADIO CONTROL:  
THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.70 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE COLES COUNTY MEMORIAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY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

DATE	REVISION	BY	DATE
	4/4/06	REVISAS PER IBA REVIEW	CAH
HANSON Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide			
HB Project No. B15-06RW00 Plans No. P-0035P.DWG Scale: N/A Date: 10/31/05		LAYOUT: CCC 10/31/05 DRAWN: CCC 10/31/05 REVIEWED: CAH 01/09/06	
PAVEMENT REPAIRS ON RUNWAY 11-29		SAFETY PLAN	
3			
3 of 15 sheets			

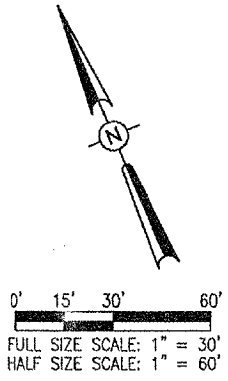
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- LEGEND**
- EXISTING IMPROVEMENTS
  - REMOVE AND REPLACE P.C.C. PAVEMENT
  - SURFACE PATCHING
  - CLEAN & SEAL CRACKS



DATE	REVISION	BY

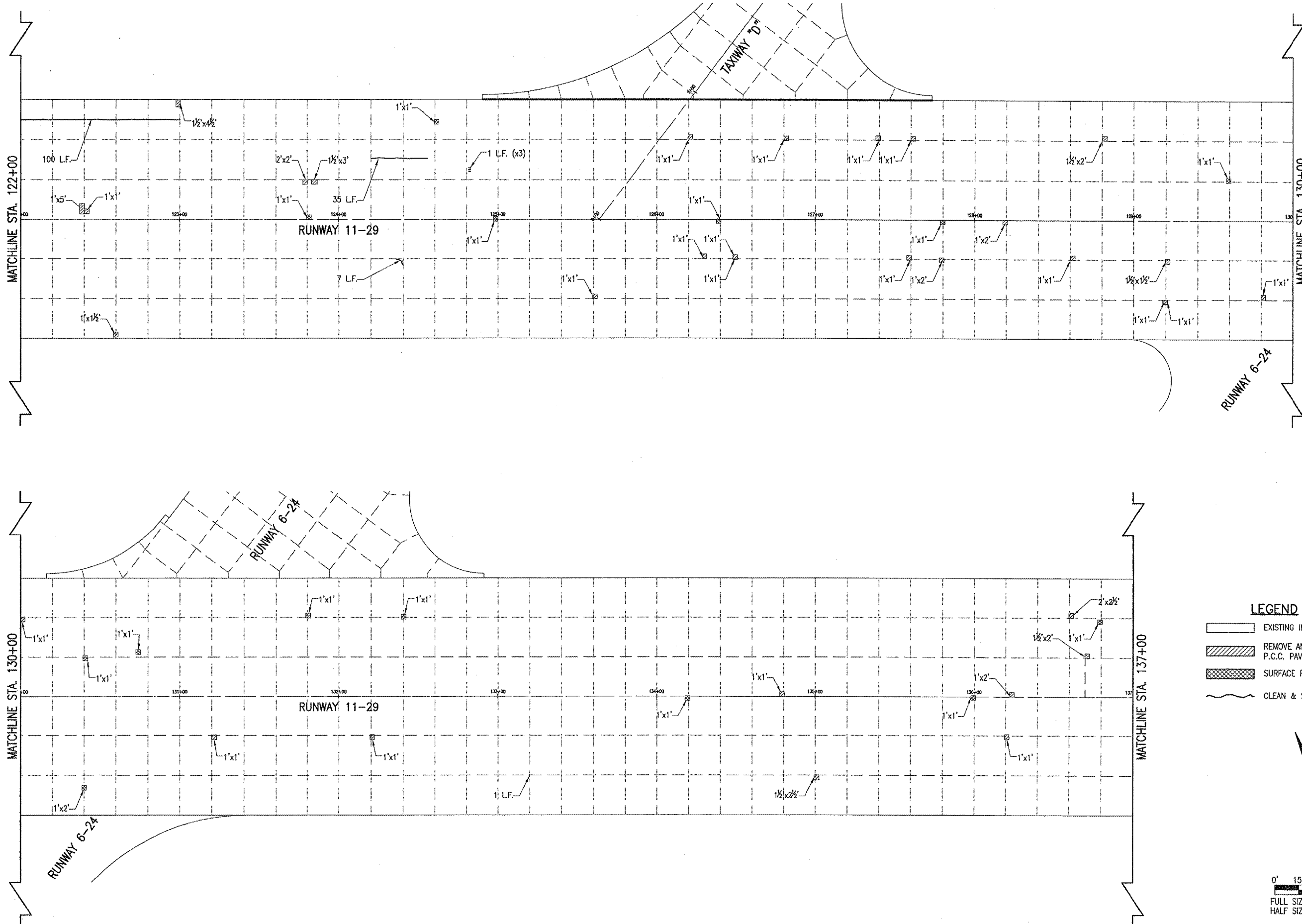
COLES COUNTY AIRPORT AUTHORITY  
 COLES COUNTY MEMORIAL AIRPORT  
 I.L. PROJ.: MTO-3551 A.I.P. PROJ.: 3-17-0066-B17

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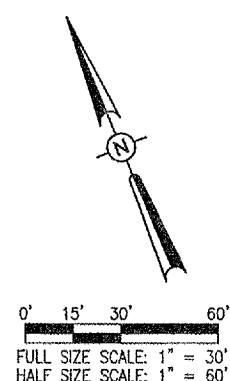
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REVIEWED <td>CAH <td>01/09/06</td> </td>	CAH <td>01/09/06</td>	01/09/06

**HANSON**  
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 1525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

PAVEMENT REPAIRS ON RUNWAY 11-29  
 PROPOSED CONSTRUCTION  
 PLAN: RUNWAY 11-29  
 STA. 107+00 TO STA. 122+00



- LEGEND**
- EXISTING IMPROVEMENTS
  - REMOVE AND REPLACE P.C.C. PAVEMENT
  - SURFACE PATCHING
  - CLEAN & SEAL CRACKS



MAR 29, 2006 9:21 AM CAH  
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DATE	REVISION	BY

COLES COUNTY AIRPORT  
 AUTHORITY  
  
 COLLEGEVILLE, MISSOURI

IL. PROJ.: MTO-3551      A.I.P. PROJ.: 3-17-0066-B17

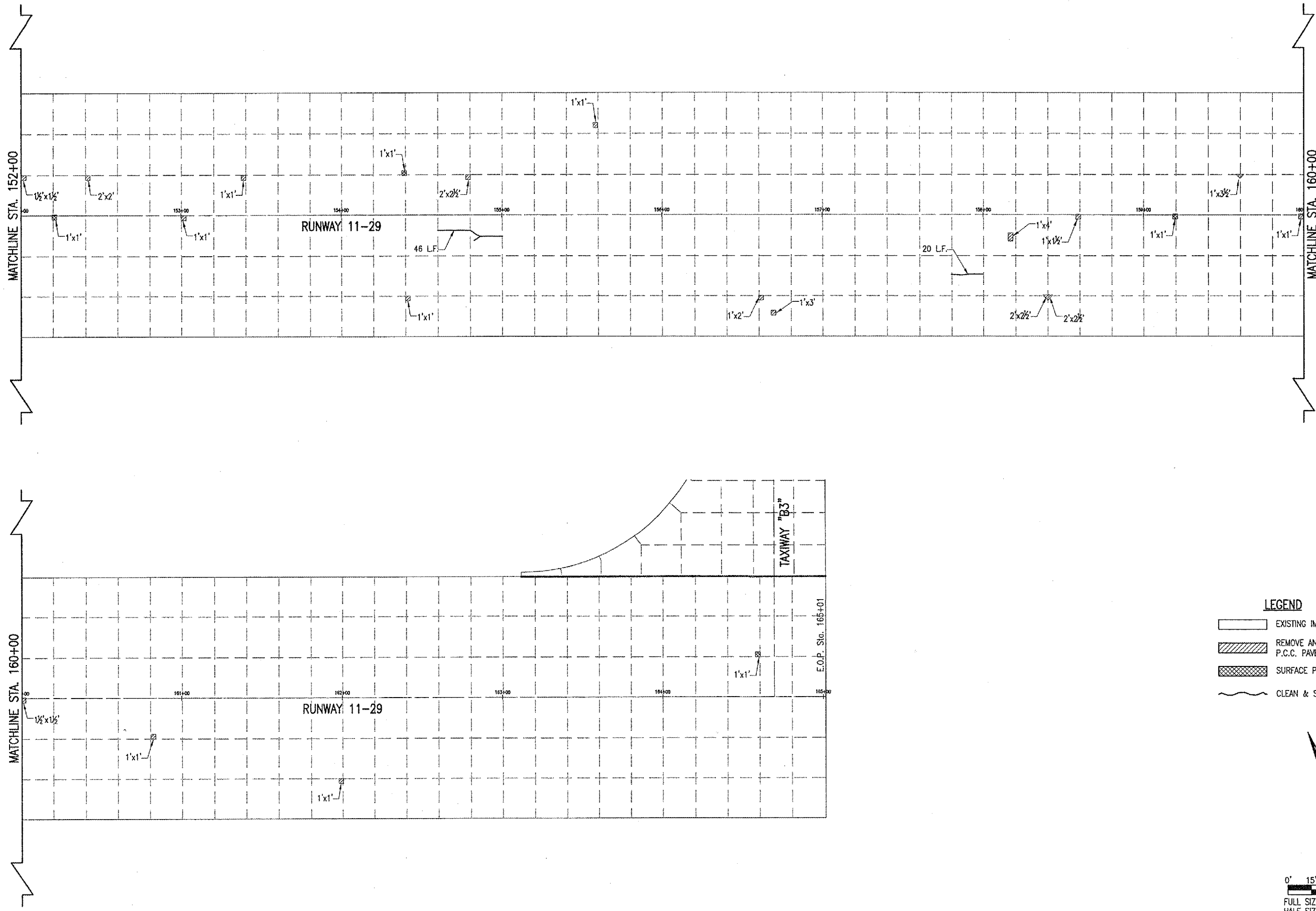
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Scale	1" = 30'
Date	10/31/05
LAYOUT	CCC 10/31/05
DRAWN	CCC 10/31/05
REVIEWED	CAH 01/09/06

**HANSON**  
  
 Hanson Professional Services Inc.  
 1525 S. State St. Ste. 2086  
 Springfield, Illinois 62705-2886  
 Offices Nationwide

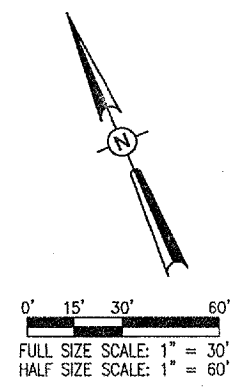
PAVEMENT REPAIRS  
 ON RUNWAY 11-29  
 PROPOSED CONSTRUCTION  
 PLAN: RUNWAY 11-29  
 STA. 122+00 TO STA. 137+00







- LEGEND**
- EXISTING IMPROVEMENTS
  - REMOVE AND REPLACE P.C.C. PAVEMENT
  - SURFACE PATCHING
  - CLEAN & SEAL CRACKS



DATE	REVISION	BY



COLES COUNTY AIRPORT AUTHORITY  
 ILL. PROJ.: MTO-3551 A.I.P. PROJ.: 3-17-0066-817

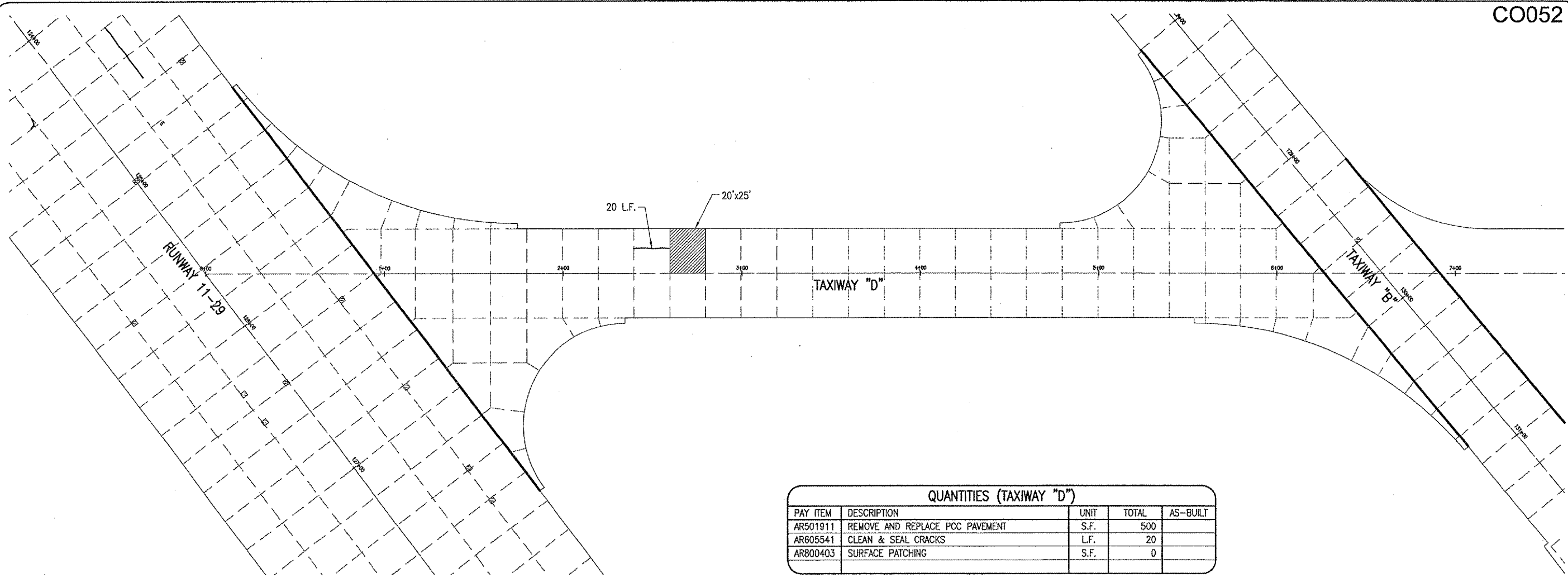
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**PAVEMENT REPAIRS ON RUNWAY 11-29**  
 PROPOSED CONSTRUCTION  
 PLAN: RUNWAY 11-29  
 STA. 152+00 TO STA. 165+01

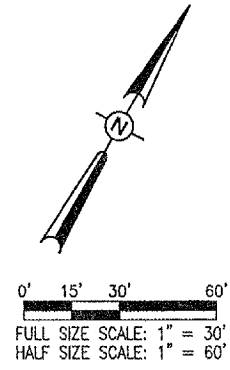






QUANTITIES (TAXIWAY "D")				
PAY ITEM	DESCRIPTION	UNIT	TOTAL	AS-BUILT
AR501911	REMOVE AND REPLACE PCC PAVEMENT	S.F.	500	
AR605541	CLEAN & SEAL CRACKS	L.F.	20	
AR800403	SURFACE PATCHING	S.F.	0	

- LEGEND**
- EXISTING IMPROVEMENTS
  - REMOVE AND REPLACE P.C.C. PAVEMENT
  - SURFACE PATCHING
  - CLEAN & SEAL CRACKS



DATE	REVISION	BY

COLES COUNTY AIRPORT  
 AUTHORITY  
 COLES COUNTY AERONAUTICAL DISTRICT  
 I.L. PROJ.: MTO-3551 A.I.P. PROJ.: 3-17-0066-817

ISS. Project No. 815-06RWYD	FILED	DATE
Drawings: R-121CON.DWG	CCC	10/31/05
Scale: 1" = 30'	CCC	10/31/05
Date: 10/31/05	CAH	01/09/06
LAYOUT	REVIEWED	
DRAWN		

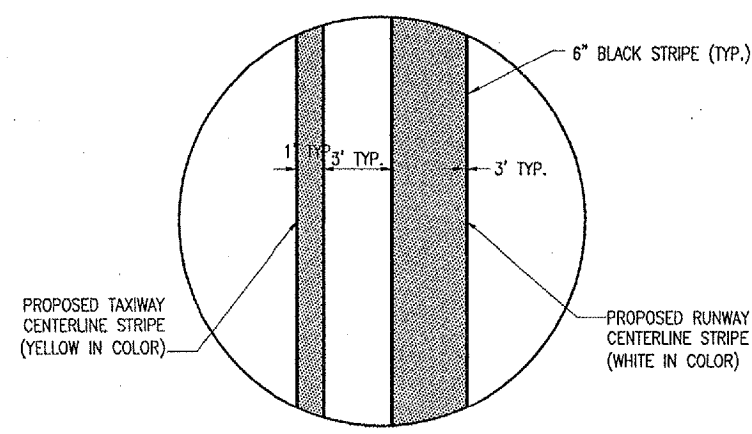
**HANSON**  
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 1525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

PAVEMENT REPAIRS  
 ON RUNWAY 11-29  
 PROPOSED CONSTRUCTION  
 PLAN: TAXIWAY "D"  
 STA. 0+00 TO STA. 7+60

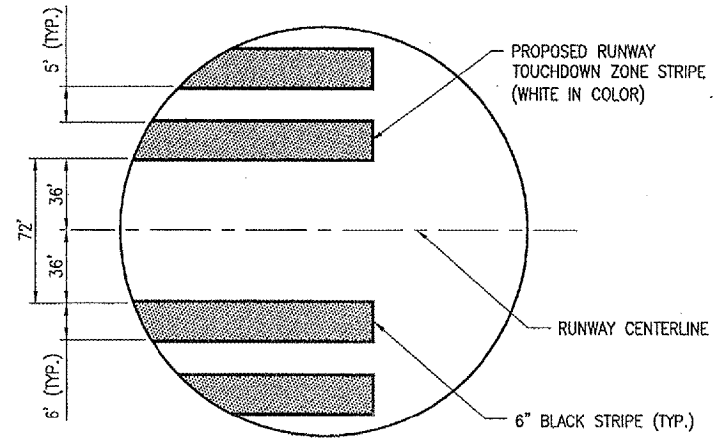
MARKING QUANTITIES	
YELLOW MARKING: AR620520	TOTAL AREA (S.F.)
TAXIWAY CENTERLINES & LEAD-IN STRIPES	4,428
<b>TOTAL YELLOW:</b>	<b>4,428</b>
WHITE MARKING: AR620520	TOTAL AREA (S.F.)
RUNWAY THRESHOLD STRIPE - 5.75'x150' (x24)	20,700
RUNWAY EDGE STRIPE - 3'x6,461' (x2)	38,766
RUNWAY CENTERLINE STRIPE - 3'x120' (x34)	12,240
RUNWAY TOUCHDOWN ZONE STRIPE - 6'x75' (x28)	12,600
RUNWAY AIMING POINT STRIPE - 30'x150' (x4)	18,000
RUNWAY NUMERAL 1 (x2)	636
RUNWAY NUMERAL 2	652
RUNWAY NUMERAL 9	712
<b>TOTAL WHITE:</b>	<b>104,306</b>
<b>TOTAL MARKING:</b>	<b>108,734</b>

BLACK MARKING: AR620525	
TAXIWAY CENTERLINE	4,220
RUNWAY THRESHOLD STRIPE - (x24)	3,762
RUNWAY EDGE STRIPES	7,504
RUNWAY CENTERLINE STRIPE - (x33)	4,092
RUNWAY CENTERLINE STRIPE - (x1 PARTIAL)	37
RUNWAY TOUCHDOWN ZONE STRIPE - (x28)	2,296
RUNWAY AIMING POINT STRIPE - (x4)	724
RUNWAY NUMERAL 1 (x2)	135
RUNWAY NUMERAL 2	107
RUNWAY NUMERAL 9	114
<b>TOTAL BLACK:</b>	<b>22,991</b>

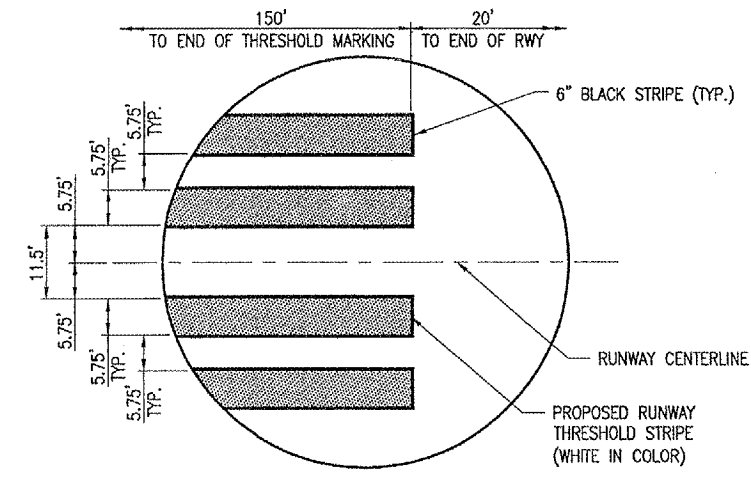
MARKING REMOVAL QUANTITIES	
EXISTING THRESHOLD MARKING: AR620900	TOTAL AREA (S.F.)
BLACK MARKING	2,608
WHITE MARKING	14,400
<b>TOTAL REMOVAL:</b>	<b>17,008</b>



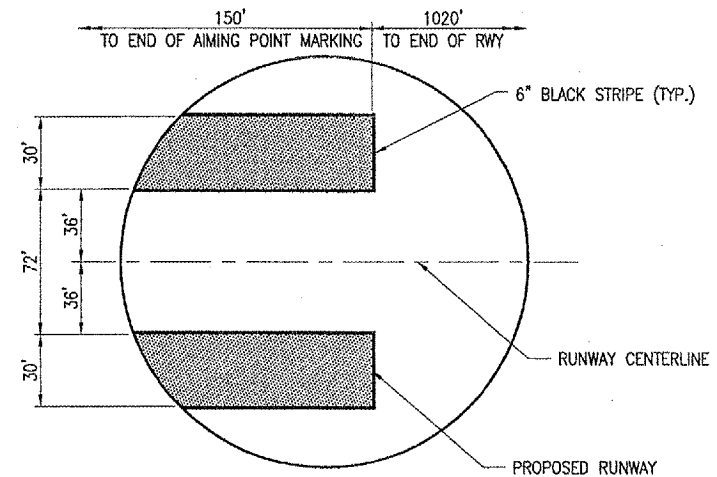
TAXIWAY CENTERLINE LEAD-IN DETAIL  
"NOT TO SCALE"



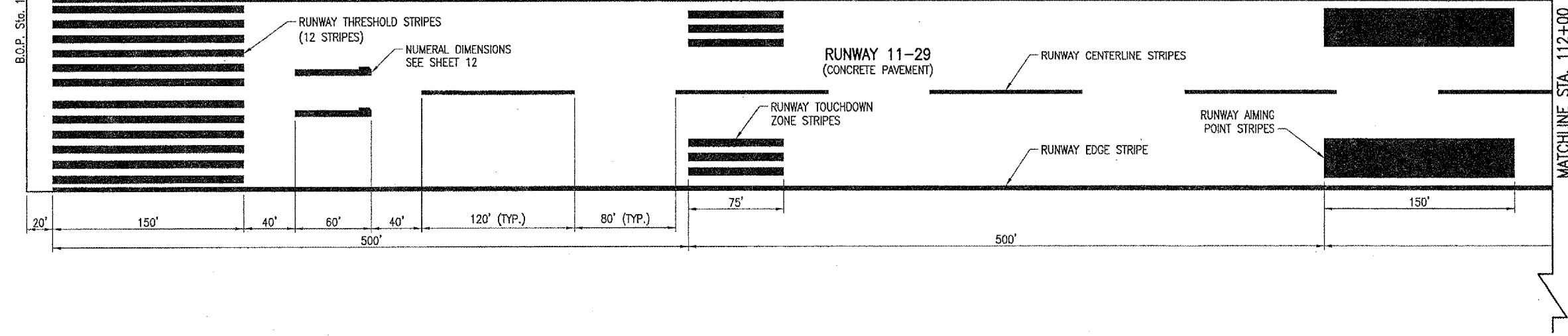
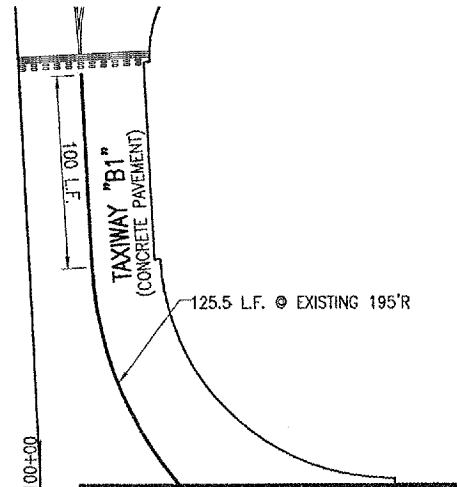
TOUCHDOWN ZONE STRIPE DETAIL  
"NOT TO SCALE"



THRESHOLD STRIPE DETAIL  
"NOT TO SCALE"



AIMING POINT DETAIL  
"NOT TO SCALE"



MARKING REMOVAL NOTES

THE AREAS THAT ARE DESIGNATED EXISTING MARKING (TO BE REMOVED) WILL BE REMOVED BY SANDBLASTING OR SHOT BLASTING.

AREAS TO BE REMOVED ARE ALL EXISTING BLACK OUTLINES ON THE THRESHOLD STRIPES AND PORTIONS OF THE WHITE MARKING AS SHOWN ON THE THRESHOLD DETAILS ON SHEET 15.

ALL AREAS TO BE REMOVED ARE CALCULATED AREAS. ANY ADDITIONAL AREAS, DUE TO OVER SPRAY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL MARKING REMOVAL ITEMS WILL BE PAID FOR AS FOLLOWS:  
AR620900 "PAVEMENT MARKING REMOVAL" \_\_\_\_\_ PER SQ. FT.

MARKING NOTES

ALL PROPOSED MARKING WILL BE LOCATED AS SHOWN ON THE PROPOSED MARKING PLAN SHEETS.

ALL RUNWAY MARKING WILL BE SOLID AND WHITE IN COLOR.

ALL TAXIWAY MARKING WILL BE SOLID AND YELLOW IN COLOR.

ALL YELLOW & WHITE PROPOSED MARKING WILL HAVE A REFLECTIVE MEDIA APPLIED IN ACCORDANCE WITH THE SPECIFICATIONS.

ALL PROPOSED MARKING ON OR ADJACENT TO CONCRETE PAVEMENT WILL BE OUTLINED WITH A 6" WIDE (BLACK) OUTLINE STRIPE.

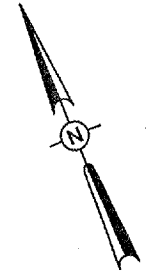
CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

ALL PROPOSED MARKING ITEMS WILL BE PAID FOR AS FOLLOWS:  
AR620520 "PAVEMENT MARKING-WATERBORNE" \_\_\_\_\_ PER SQ. FT.

ALL PROPOSED BLACK MARKING ITEMS WILL BE PAID FOR AS FOLLOWS:  
AR620525 "PAVEMENT MARKING-BLACK BORDER" \_\_\_\_\_ PER SQ. FT.

LEGEND

- EXISTING PAVEMENT
- EXISTING MARKING
- PROPOSED MARKING



0' 25' 50' 100'  
FULL SIZE SCALE: 1" = 50'  
HALF SIZE SCALE: 1" = 100'

DATE	REVISION	BY

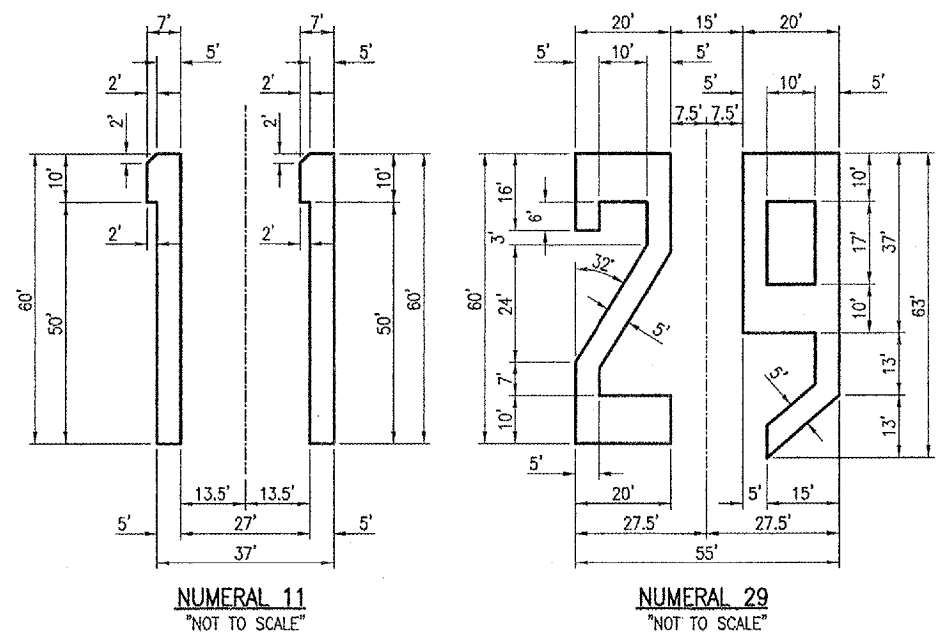
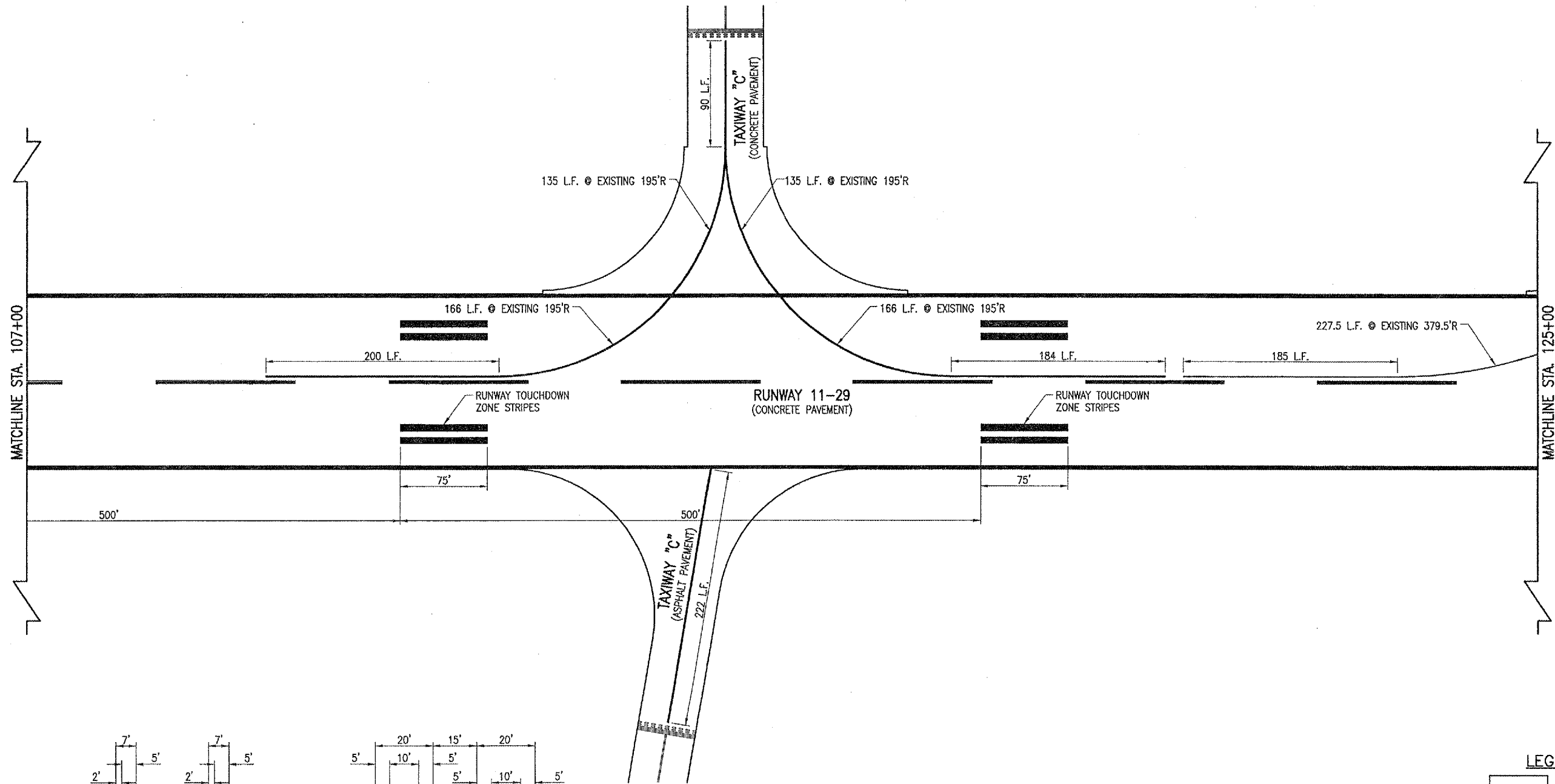
COLES COUNTY AIRPORT  
AUTHORITY  
A.I.P. PROJ.: 3-17-0066-B17  
ILL. PROJ.: MTO-3551

HEL Project No. 815-06RWTD	10/31/05
Element: R-151MRK.DWG	CCC
Scale: 1" = 50'	10/31/05
Date: 11/17/05	CAH
LAYOUT	CCC
DRAWN	CCC
REVIEWED	CAH

**HANSON**  
Hanson Professional Services Inc.  
1325 South Sixth Street  
Springfield, Illinois 62768  
Offices Nationwide

PAVEMENT REPAIRS  
ON RUNWAY 11-29  
PROPOSED MARKING  
PLAN: RUNWAY 11-29  
STA. 100+00 TO STA. 112+00

MAR 29, 2006 9:23 AM CAH  
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**RUNWAY NUMERAL DIMENSIONING NOTES:**

ALL NUMERAL MARKING WILL BE WHITE IN COLOR AND WILL BE APPLIED WITH REFLECTIVE MEDIA IN THE SECOND APPLICATION IN ACCORDANCE WITH THE SPECIFICATIONS.

NUMERALS EXCEPT FOR THE NUMERAL ELEVEN (AS SHOWN) ARE HORIZONTALLY SPACED 15 FEET APART.

ALL DIMENSIONS ARE EXPRESSED IN INCREMENTS OF FEET.

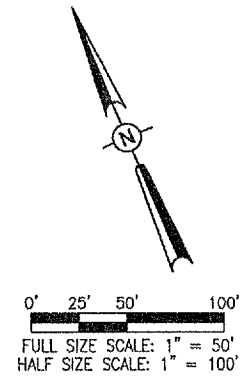
DOUBLE DIGIT NUMERAL DESIGNATIONS ARE CENTERED ON THE RUNWAY PAVEMENT CENTERLINE BASED ON THE CENTER OF THE OUTER EDGES OF THE TWO NUMERALS.

CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

ALL PROPOSED MARKING ITEMS WILL BE PAID FOR AS FOLLOWS:  
AR620520 "PAVEMENT MARKING-WATERBORNE" \_\_\_\_\_ PER SQ. FT.

**LEGEND**

	EXISTING PAVEMENT
	EXISTING MARKING
	PROPOSED MARKING



DATE	REVISION	BY

COLES COUNTY AIRPORT  
 AUTHORITY  
 COLES COUNTY MEMORIAL AIRPORT

IL PROJ.: MTC-3551 A.I.P. PROJ.: 3-17-0066-B17

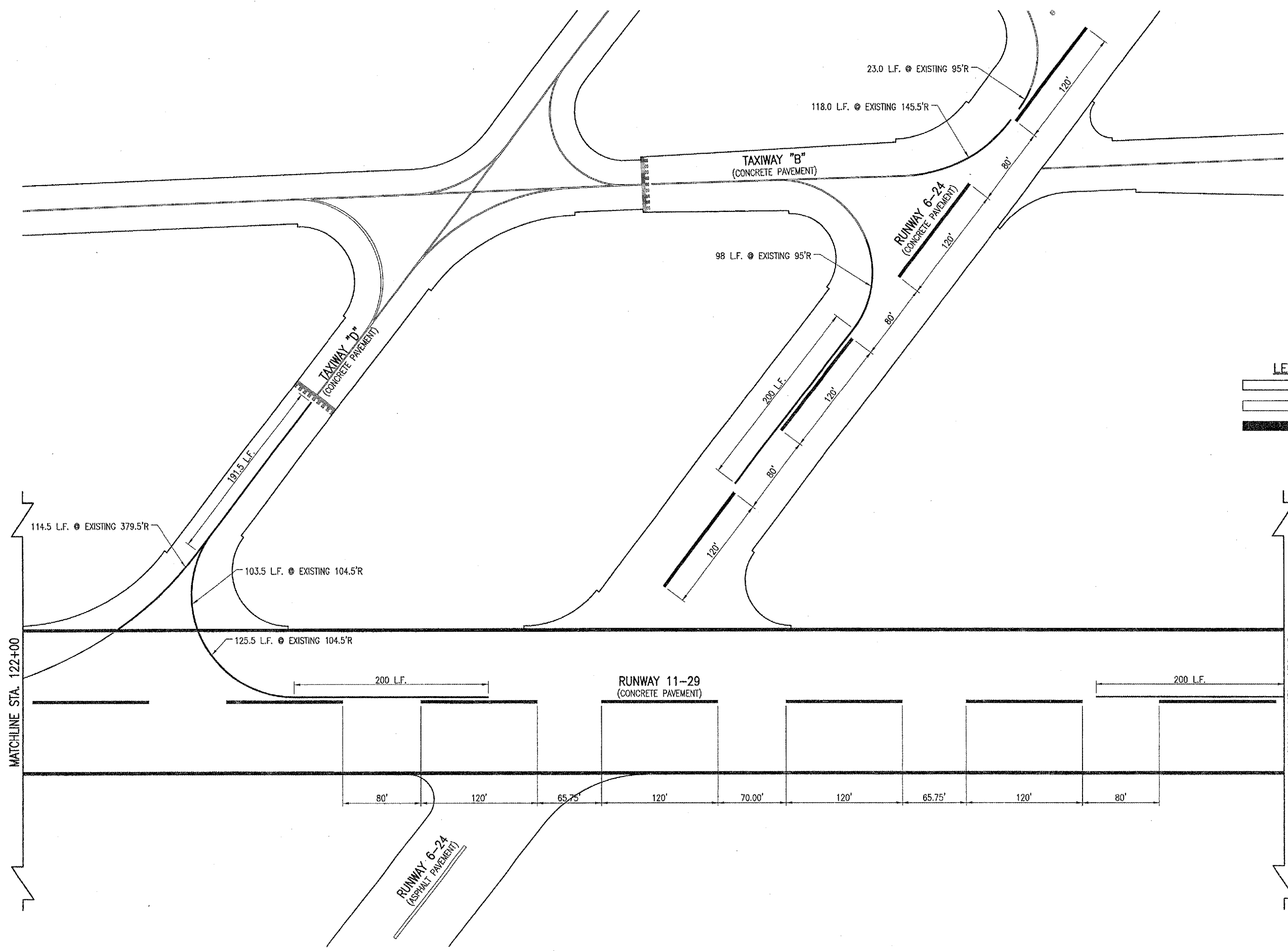
I&E Project No. 815-06RWYD Filename: R-151MRK.DWG Scale: 1" = 50' Date: 11/17/05	LAYOUT: CCC 10/31/05 DRAWN: CCC 10/31/05 REVIEWED: CAH 01/09/06
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**HANSON**  
 Hanson Professional Services Inc.  
 1526 South Sixth Street  
 Springfield, IL 62768  
 Offices Nationwide

PAVEMENT REPAIRS  
 ON RUNWAY 11-29

PROPOSED MARKING  
 PLAN: RUNWAY 11-29  
 STA. 112+00 TO STA. 125+00

MAR 29, 2006 9:23 AM CAH  
 I:\AIRPORTS\COLES\815-06RWY\AIRPORT\SHEETS\R-151MRK.DWG - 112-125



**LEGEND**

- EXISTING PAVEMENT
- EXISTING MARKING
- PROPOSED MARKING

0' 25' 50' 100'  
 FULL SIZE SCALE: 1" = 50'  
 HALF SIZE SCALE: 1" = 100'

DATE	REVISION	BY

COLES COUNTY AIRPORT  
 AUTHORITY  
 COLES COUNTY AIRPORT MAJORIAL AIRPORT  
 I.L. PROJ.: MTO-3551 A.I.P. PROJ.: 3-17-0066-B17

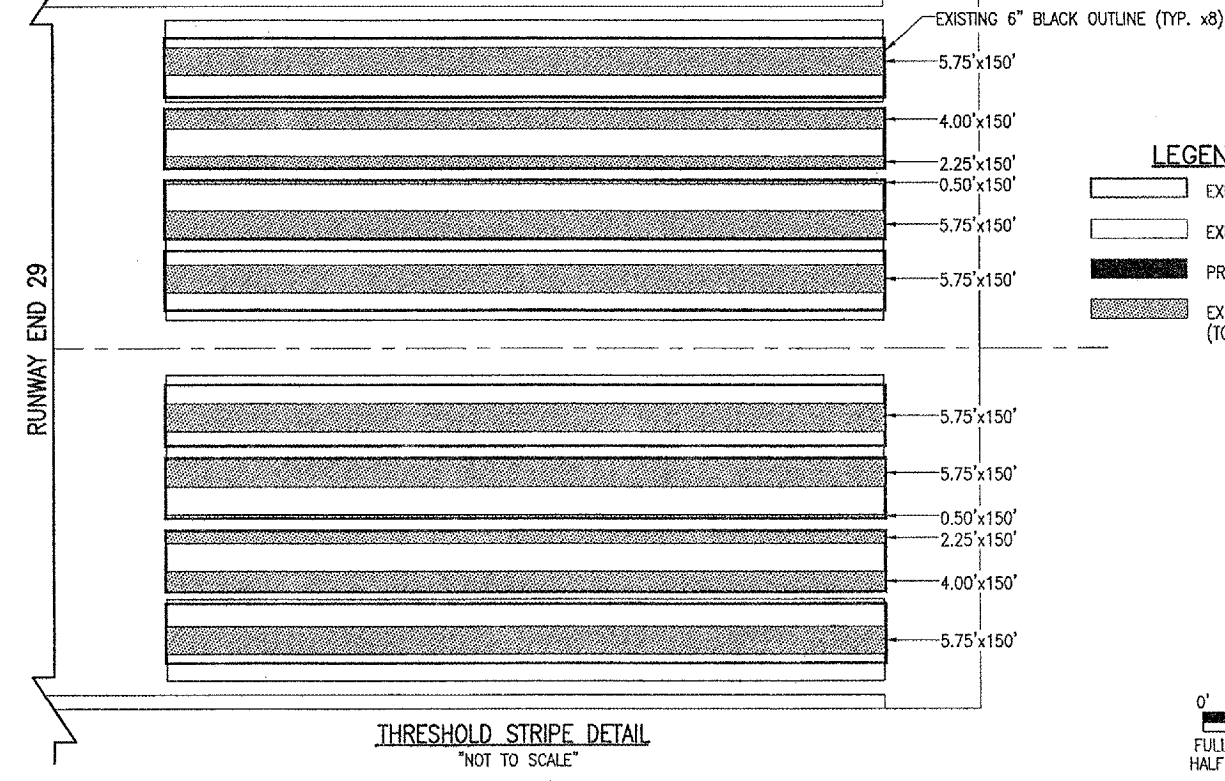
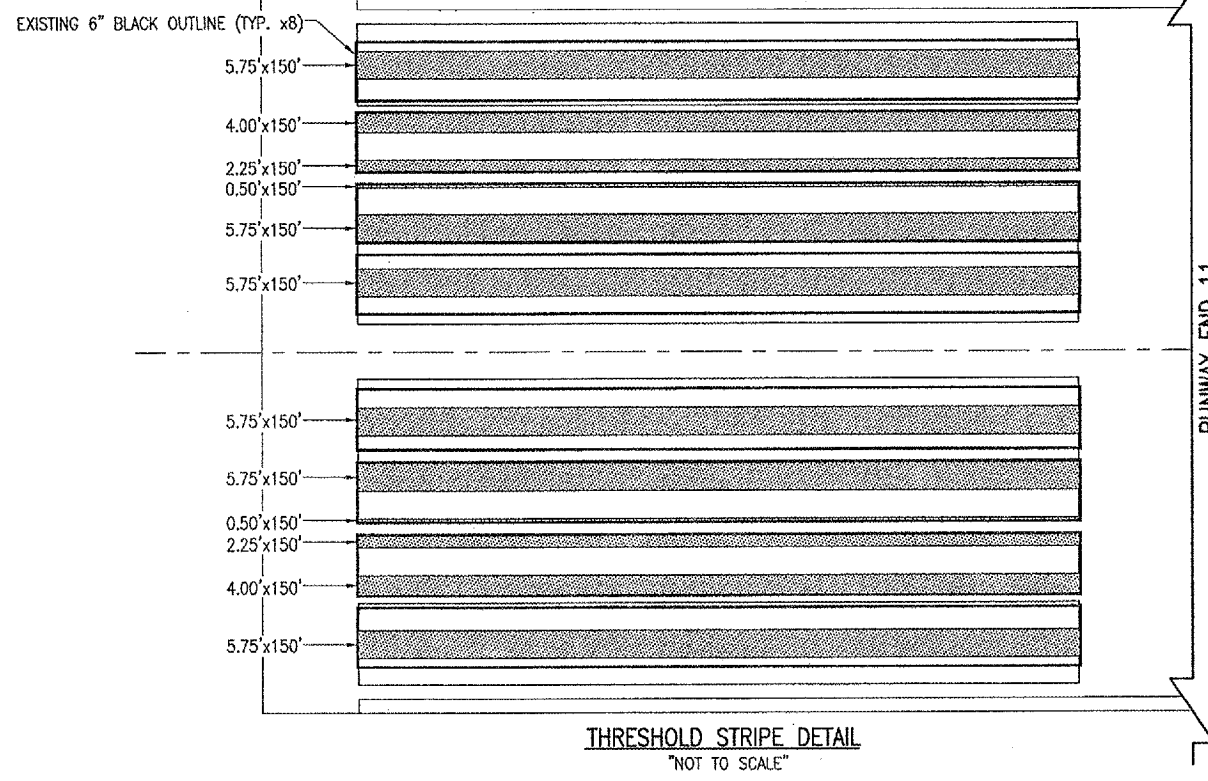
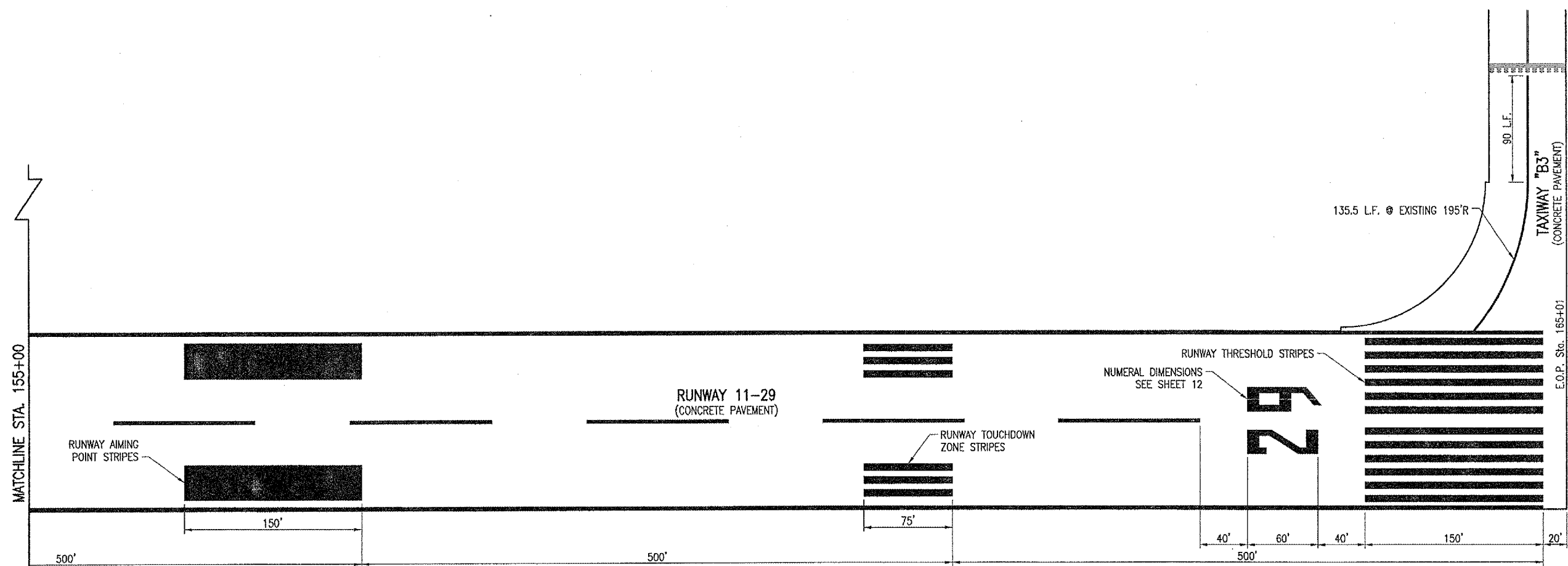
H/I Project No. 815-06RWYD	CCC	10/31/05
Filename: R-151MRK.DWG	CCC	10/31/05
Scale: 1" = 50'	CAH	01/09/06
Date: 11/17/05		
LAYOUT		
DRAWN		
REVIEWED		

**HANSON**  
 Hanson Professional Services Inc.  
 1526 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

PAVEMENT REPAIRS  
 ON RUNWAY 11-29  
 PROPOSED MARKING  
 PLAN: RUNWAY 11-29  
 STA. 125+00 TO STA. 138+00







**LEGEND**

- EXISTING PAVEMENT
- EXISTING MARKING
- PROPOSED MARKING
- EXISTING MARKING (TO BE REMOVED)

0' 25' 50' 100'

FULL SIZE SCALE: 1" = 50'

HALF SIZE SCALE: 1" = 100'

DATE	REVISION	BY

COLES COUNTY AIRPORT AUTHORITY

COLES COUNTY AIRPORT

IL. PROJ.: MTO-3551 A.I.P. PROJ.: 3-17-0066-817

Proj. No. 815-06RWYD			
Element R-151MRK.DWG			
Scale 1" = 50'			
Date 11/17/05			
LAYOUT	CCC	10/31/05	
DRAWN	CCC	10/31/05	
REVIEWED	CAH	01/09/06	

**HANSON**

Hanson Professional Services Inc.  
1025 South Main Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

PAVEMENT REPAIRS ON RUNWAY 11-29

PROPOSED MARKING PLAN: RUNWAY 11-29 STA. 152+00 TO STA. 165+01

MAR 29, 2006 9:24 AM CAH  
I:\AIRPORTS\COLES\815-06RWY\AIRPORT\SHEETS\R-151MRK.DWG - 152-165