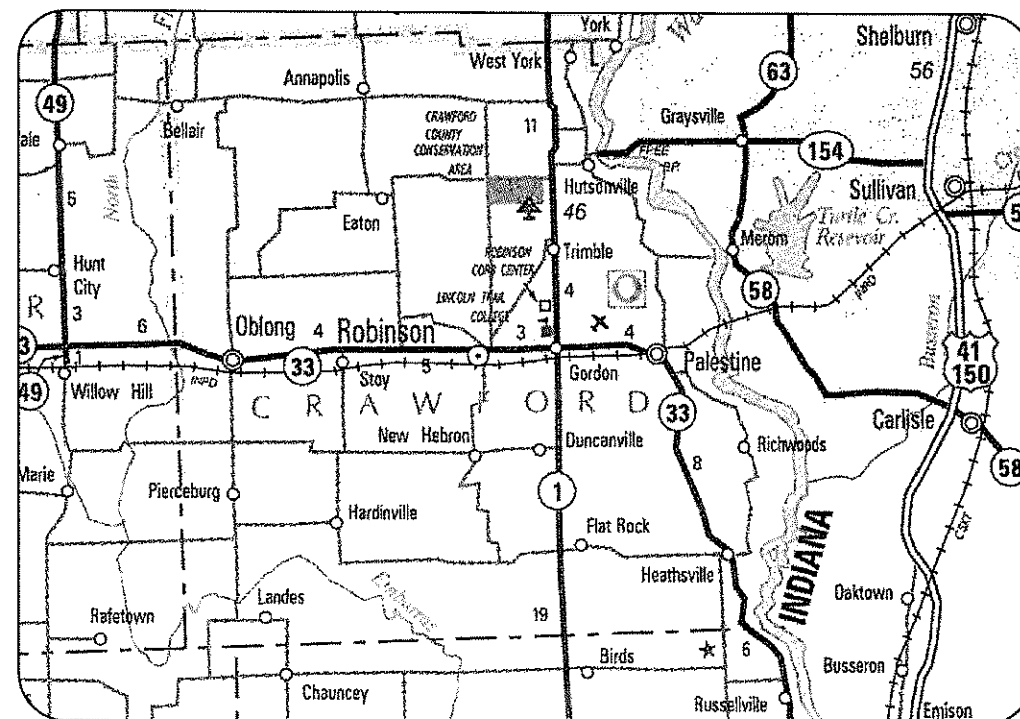


CONSTRUCTION PLANS FOR CRAWFORD COUNTY AIRPORT ROBINSON, CRAWFORD COUNTY, ILLINOIS REMARK RUNWAY 9-27

SCOPE OF WORK

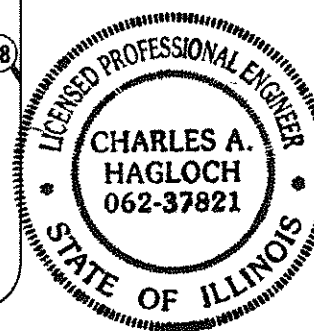
THIS PROJECT CONSISTS OF REMARKING RUNWAY 9-27 AND THE TEACUP TAXIWAY. ALL EXISTING RUNWAY MARKING IS STRIATED AND WILL BE REMARKED THE SAME. THE EXISTING BITUMINOUS PAVEMENT HAS FADED SINCE IT WAS LAST OVERLAID. THEREFORE, THE PROPOSED WHITE AND YELLOW MARKING WILL BE OUTLINED WITH BLACK PAINT. ALL EXISTING MARKING ON RUNWAY 9-27 WILL BE REMARKED.



LOCATION

ILL. PROJ.: RSV-4198
FEDERAL GRANT PROJ.: 3-17-0086-B15

LATITUDE: 39° 00' 45.01"
LONGITUDE: 87° 38' 35.39"
ELEVATION: 461.6' M.S.L.
DATE: OCT. 23, 2012

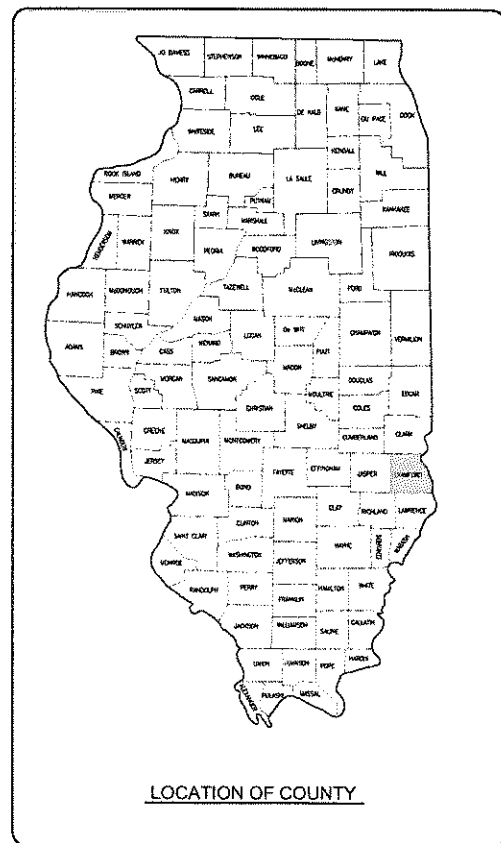


HANSON
Hanson Professional Services Inc.

Submitted by: *Charles A. Hagloch* ENG'R
Date Submitted: APRIL 12, 2013
Lic. Exp. Date: NOVEMBER 30, 2013

CRAWFORD COUNTY AIRPORT AUTHORITY

Approved: *John Dappert* CHAIRMAN
Date: FEBRUARY 12, 2013
Approved: *[Signature]* TREASURER
Date: 02-12-13



LOCATION OF COUNTY

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REVISION	DATE		
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Hanson Proj. No. 1200864D	File Name: G-001CVR.dwg	Scale: NOT TO SCALE	Rate: **/**/**
LAYOUT	CAH	05/14/12	
DRAWN	BAK	05/14/12	
REVIEWED	CAH	05/21/12	
HANSON	Copyright: Hanson Professional Services Inc. 2013 Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2865 Ph: (217) 788-2450 Fax: (217) 788-2503 www.hanson-inc.com Offices Nationwide		
REMARK RUNWAY 9-27	COVER SHEET		
1 1 of XX sheets			

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	32,206	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	30,578	
AR620900	PAVEMENT MARKING REMOVAL	S.F.	600	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	PROPOSED MARKING PLAN STA. 120+00 TO STA. 146+47
5	PROPOSED MARKING PLAN STA. 146+47 TO STA. 171+08

REVISION	DATE

CRAWFORD COUNTY AIRPORT
 ROBINSON
 CRAWFORD COUNTY, ILLINOIS

IL. PROJ.: RSV-4198 FEDERAL GRANT PROJ.: 3-17-0086-B15

Hanson Proj. No. 12A0064D	Filename G-002FLP.dwg	Scale NOT TO SCALE	Date **/**/12
LAYOUT	CAH	06/14/12	
DRAWN	BAK	06/14/12	
REVIEWED	CAH	09/21/12	



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 Offices Nationwide

REMARK
 RUNWAY 9-27

SUMMARY OF QUANTITIES
 AND INDEX TO SHEETS

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...

SCOPE OF WORK

THIS PROJECT CONSISTS OF REMARKING RUNWAY 9-27 AND THE TEACUP TAXIWAY. ALL EXISTING RUNWAY MARKING IS STRIATED AND WILL BE REMARKED THE SAME.

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.

HEIGHT OF CONSTRUCTION EQUIPMENT

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

CERTIFIED PAYROLLS

THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

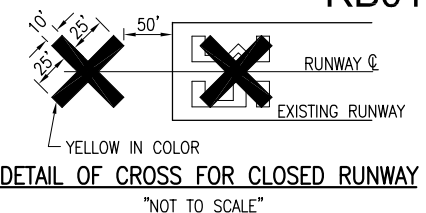
MATERIAL CERTIFICATION

COMPLETED WORK CANNOT BE PLACED ON A CONSTRUCTION REPORT UNTIL ALL MATERIAL CERTIFICATIONS FOR THAT PAY ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER.

NOTE

ALL CONSTRUCTION/OPERATIONS ARE TO BE PERFORMED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2F "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" AND AC 150/5300-13 "AIRPORT DESIGN".

ALL CONSTRUCTION EQUIPMENT ON THE AIRPORT SHALL BE MARKED, LIGHTED AND/OR FLAGGED IN ACCORDANCE WITH AC 150/5210-5 AND 70/7460-1.



NOTE:

COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

J.U.L.I.E. INFORMATION

COUNTY CRAWFORD
CITY ROBINSON
TOWNSHIP LAMOTTE
SECTION NO. 28, 29 & 33
ADDRESS CRAWFORD COUNTY AIRPORT
P.O. BOX 6
ROBINSON, ILLINOIS 62454

CRITICAL POINT DATA

CRITICAL POINT #1
LATITUDE: 39° 00' 58.51"
LONGITUDE: 87° 38' 47.27"
ELEVATION: 454.56 M.S.L.
CRITICAL POINT #2
LATITUDE: 39° 00' 58.55"
LONGITUDE: 87° 38' 49.17"
ELEVATION: 454.45 M.S.L.

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 50' X 50'.

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.

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 SHALL KEEP ONE RUNWAY OPEN AT ALL TIMES AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS.

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

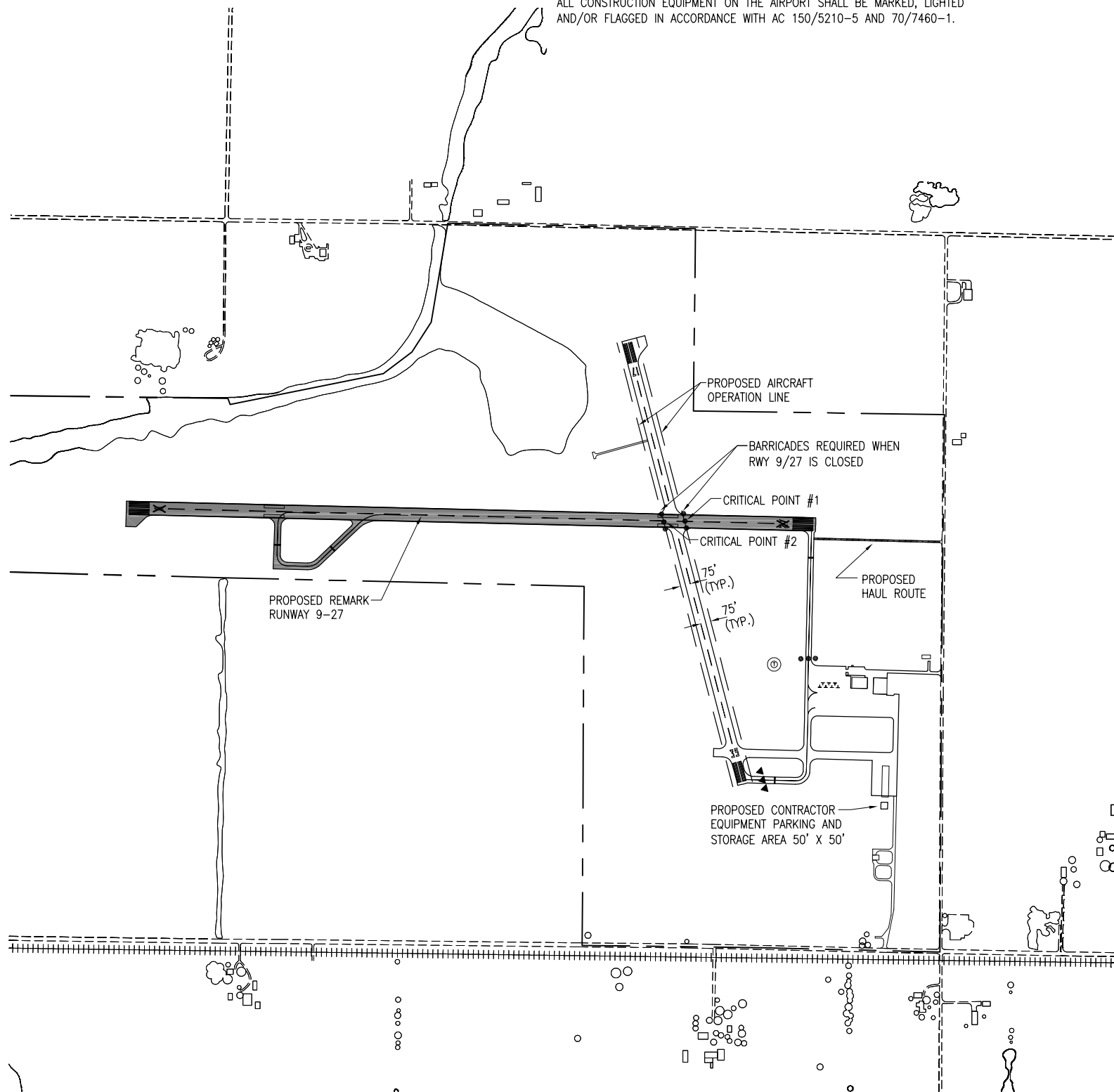
NO RUNWAY SHALL BE CLOSED OVERNIGHT.

BARRICADES AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR RED STEADY-BURN LIGHTS AND 20" SQUARE ORANGE FLAGS.

LEGEND

- EXISTING IMPROVEMENTS
PROPOSED IMPROVEMENTS
EXISTING BUILDINGS
PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
PROPOSED BARRICADES WHEN RUNWAY 17-35 IS CLOSED
PROPOSED BARRICADES WHEN RUNWAY 9-27 IS CLOSED



PROPOSED SAFETY PLAN

GENERAL - THE CRAWFORD COUNTY AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING BOTH RUNWAYS. RUNWAY 9-27 WILL BE CLOSED FOR THE DURATION OF THE PROJECT.

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).

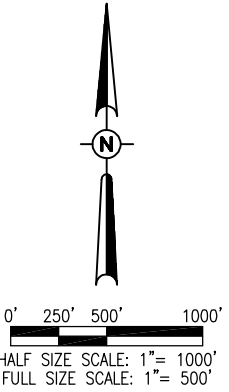
RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (123.00 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE CRAWFORD COUNTY AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

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.



REVISION and DATE table with empty rows for tracking changes.

CRAWFORD COUNTY AIRPORT
ROBINSON
CRAWFORD COUNTY, ILLINOIS
FEDERAL GRANT PROJ.: 3-17-0086-B15
IL. PROJ.: RSV-4198

Revision table with columns: LAYOUT, DRAWN, REVIEWED, CAH, BAK, CAH, 06/14/12, 06/14/12, 09/21/12.

HANSON Professional Services Inc. logo and contact information: 1525 South Sixth Street, Springfield, Illinois 62703-2886.

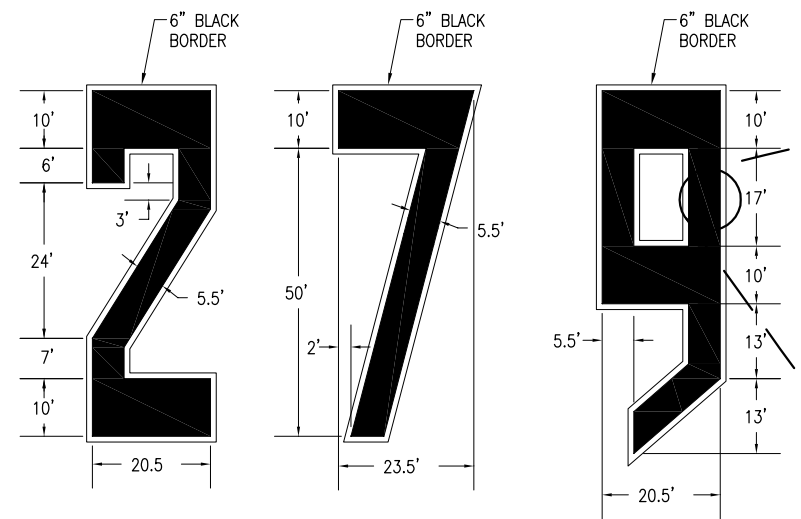
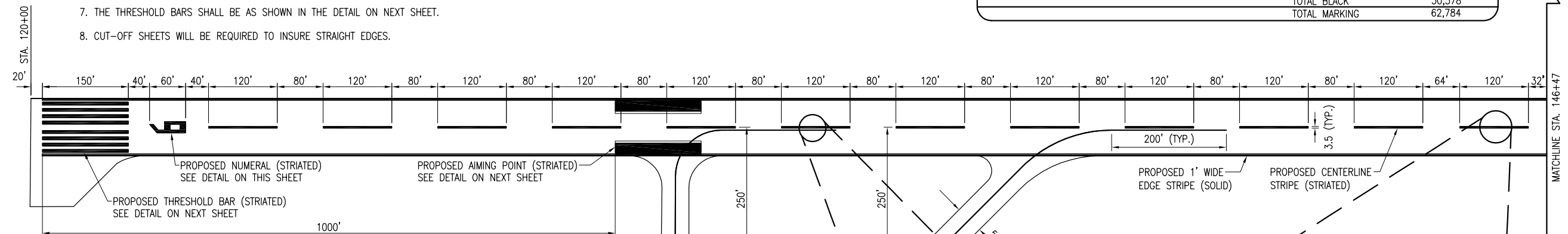
REMARK RUNWAY 9-27
PROPOSED SAFETY PLAN
3
3 of xx sheets

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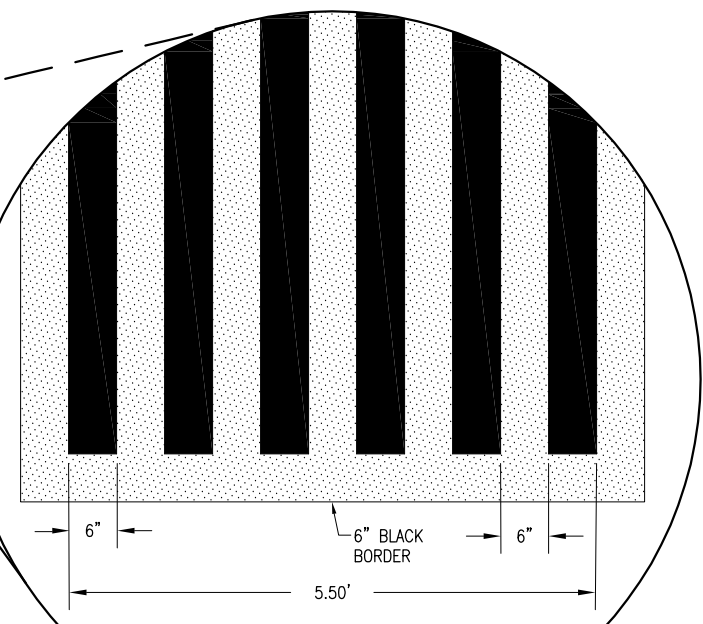
620-PAVEMENT MARKING-WATERBORNE NOTES

1. THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 272 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.
2. ALL EAST-WEST RUNWAY MARKING, WITH THE EXCEPTION OF THE RUNWAY EDGE STRIPES, WILL BE WHITE IN COLOR, STRIATED, AND WITH A SIX (6") BLACK BORDER. THE RUNWAY EDGE STRIPES WILL BE WHITE IN COLOR, SOLID, AND WITH A SIX (6") BLACK BORDER. EACH STRIATED STRIPE WILL BE SIX (6") INCHES WIDE WITH SIX (6") INCH SPACES BETWEEN EACH STRIATED STRIPE.
3. THE TAXIWAY CENTERLINE STRIPE AND HOLDING LINE WILL BE SOLID AND YELLOW IN COLOR. THE HOLDING LINE WILL BE AS SPECIFIED IN THE DETAIL SHOWN ON THE NEXT SHEET.
4. ALL PROPOSED MARKING WILL BE LOCATED AS SHOWN ON THE MARKING SHEETS. ALL PROPOSED MARKING WILL BE APPLIED WITH A REFLECTIVE MEDIA IN THE SECOND APPLICATION AND IN ACCORDANCE WITH THE SPECIFICATIONS.
5. ALL PROPOSED MARKING WILL CONSIST OF TWO (2) APPLICATIONS IN ACCORDANCE WITH THE RATES AS STATED IN THE SPECIFICATIONS.
6. ALL PROPOSED MARKING WILL BE PAID FOR UNDER ITEMS:
AR620520 "PAVEMENT MARKING-WATERBORNE" _____ PER S.F.
AR620525 "PAVEMENT MARKING-BLACK BORDER" _____ PER S.F.
7. THE THRESHOLD BARS SHALL BE AS SHOWN IN THE DETAIL ON NEXT SHEET.
8. CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

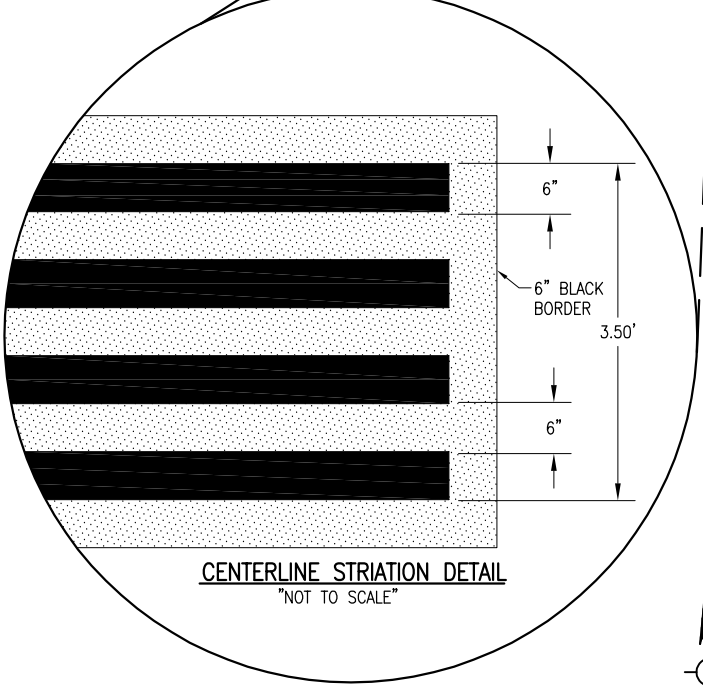
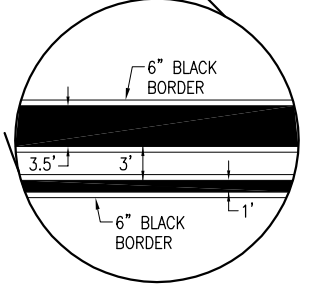
MARKING QUANTITIES			
DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA (S.F.)
CL STRIPE RWY. 9/27 (STRIATED)	240	23	5,520
NUMBER 2 (STRIATED)	375	1	375
NUMBER 7 (STRIATED)	293	1	293
NUMBER 9 (STRIATED)	409	1	409
AIMING POINT MARKER (STRIATED)	1,575	4	6,300
THRESHOLD STRIPES (STRIATED)	450	16	7,200
EDGE STRIPES (SOLID)	5,069	2	10,138
TOTAL WHITE			30,235
HOLDING LINE	150	2	300
TAXIWAY CENTERLINE	1,671	1	1,671
TOTAL YELLOW			1,971
CL STRIPE RWY. 9/27 (STRIATED)	304.5	23	7,003.5
NUMBER 2 (STRIATED)	396	1	396
NUMBER 7 (STRIATED)	298	1	298
NUMBER 9 (STRIATED)	443	1	443
AIMING POINT MARKER (STRIATED)	1671.5	4	6,686
THRESHOLD STRIPES (STRIATED)	531.5	16	8,504
EDGE STRIPES (SOLID)	2,536	2	5,072
HOLDING LINE	250	2	500
TAXIWAY CENTERLINE	1,675	1	1,675
TOTAL BLACK			30,578
TOTAL MARKING			62,784



PROPOSED NUMERAL DETAILS
"NOT TO SCALE"



NUMERAL STRIATION DETAIL
"NOT TO SCALE"



CENTERLINE STRIATION DETAIL
"NOT TO SCALE"

LEGEND

- EXISTING IMPROVEMENTS
- EXISTING MARKING
- PROPOSED MARKING

0' 50' 100' 200'

HALF SIZE SCALE: 1" = 200'

FULL SIZE SCALE: 1" = 100'

REVISION	DATE

CRAWFORD COUNTY AIRPORT
ROBINSON
CRAWFORD COUNTY, ILLINOIS

FEDERAL GRANT PROJ.: 3-17-0086-B15
IL. PROJ.: RSV-4198

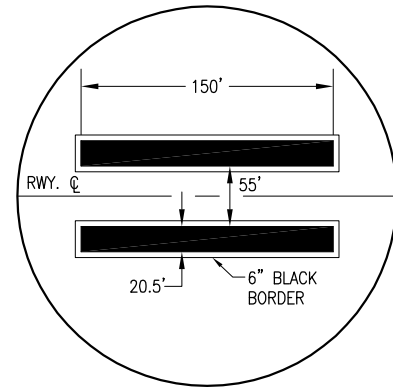
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DRAWN	BAK	06/14/12	
REVIEWED	CAH	09/21/12	

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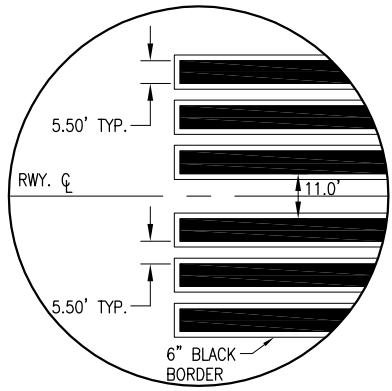
REMARK
RUNWAY 9-27

PROPOSED MARKING PLAN
STA. 120+00 TO STA. 146+47

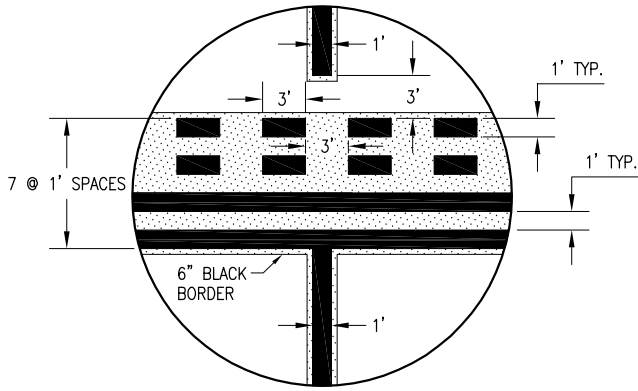
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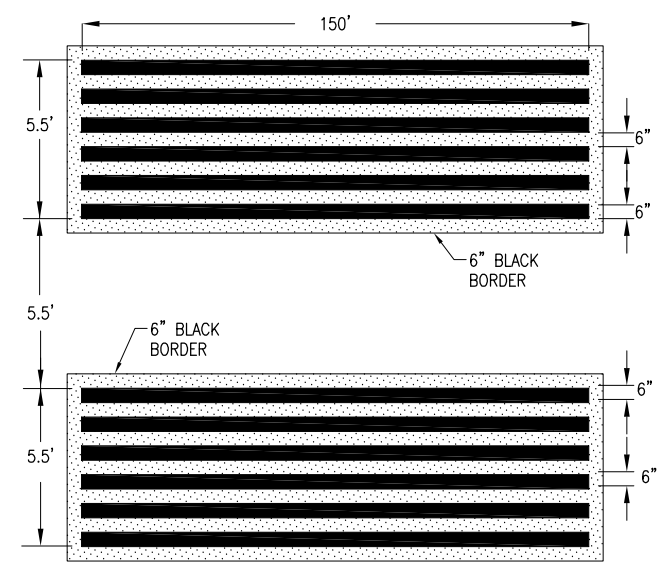
PROPOSED AIMING POINT MARKER DETAIL
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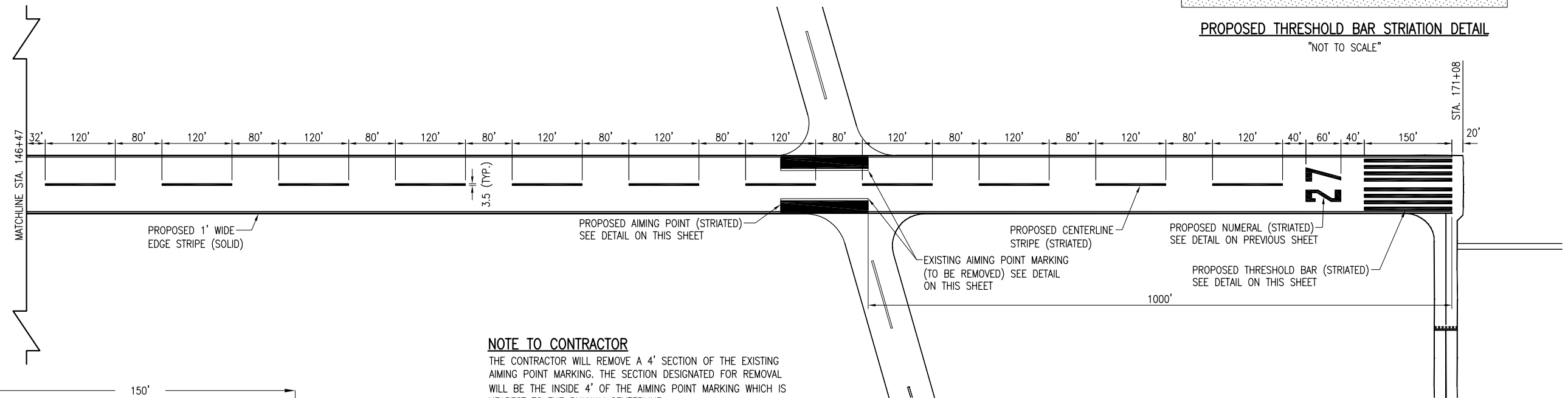
PROPOSED THRESHOLD BAR DETAIL
"NOT TO SCALE"



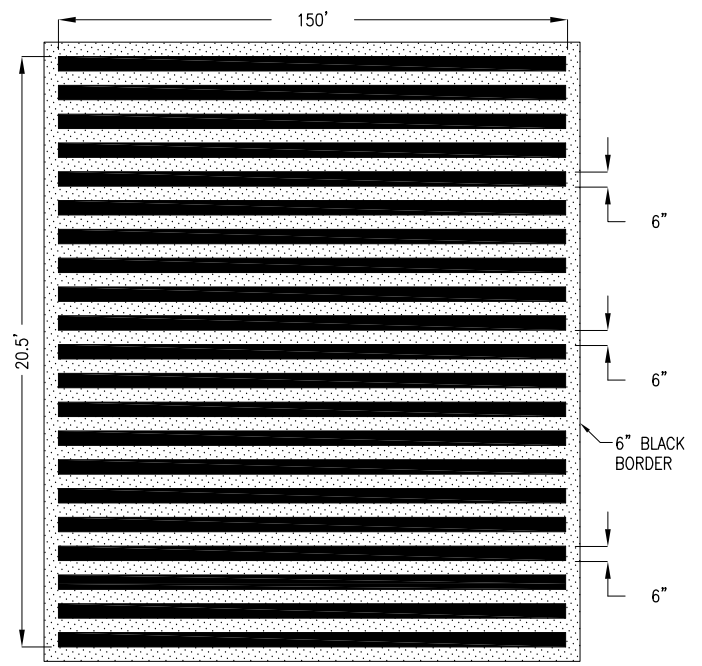
PROPOSED HOLD LINE DETAIL
"NOT TO SCALE"



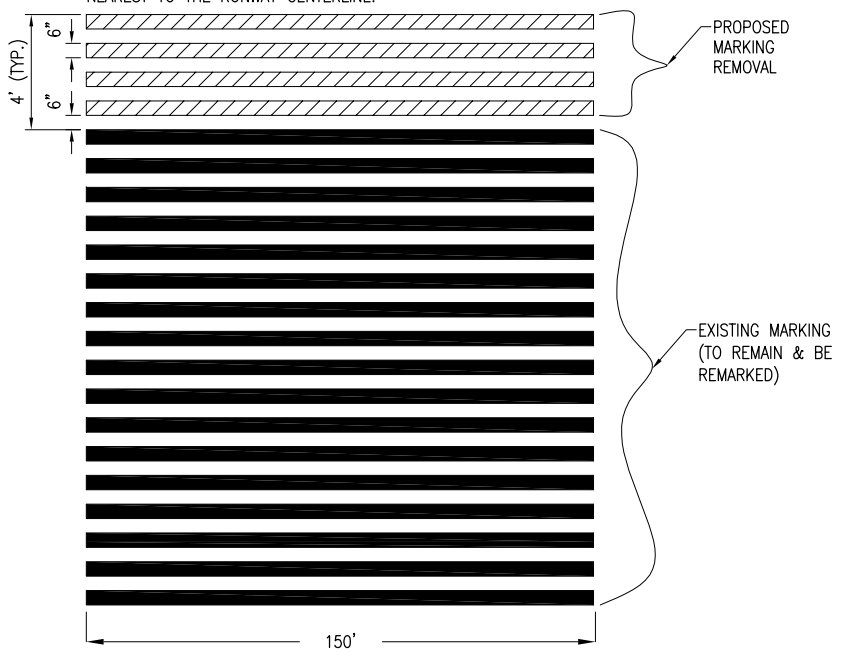
PROPOSED THRESHOLD BAR STRIATION DETAIL
"NOT TO SCALE"



NOTE TO CONTRACTOR
THE CONTRACTOR WILL REMOVE A 4' SECTION OF THE EXISTING AIMING POINT MARKING. THE SECTION DESIGNATED FOR REMOVAL WILL BE THE INSIDE 4' OF THE AIMING POINT MARKING WHICH IS NEAREST TO THE RUNWAY CENTERLINE.



PROPOSED AIMING POINT STRIATION DETAIL
"NOT TO SCALE"



PROPOSED AIMING POINT REMOVAL DETAIL
"NOT TO SCALE"

LEGEND

- EXISTING IMPROVEMENTS
- EXISTING MARKING
- PROPOSED MARKING

HALF SIZE SCALE: 1" = 200'
FULL SIZE SCALE: 1" = 100'

REVISION	DATE

CRAWFORD COUNTY AIRPORT
ROBINSON
CRAWFORD COUNTY, ILLINOIS
FEDERAL GRANT PROJ.: 3-17-0086-B15
IL. PROJ.: RSV-4198

Hanson Proj. No. 12A0064D	CAH	06/14/12
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Scale: 1" = 100'	CAH	09/21/12
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REMARK
RUNWAY 9-27
PROPOSED MARKING PLAN
STA. 146+47 TO STA. 171+08

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