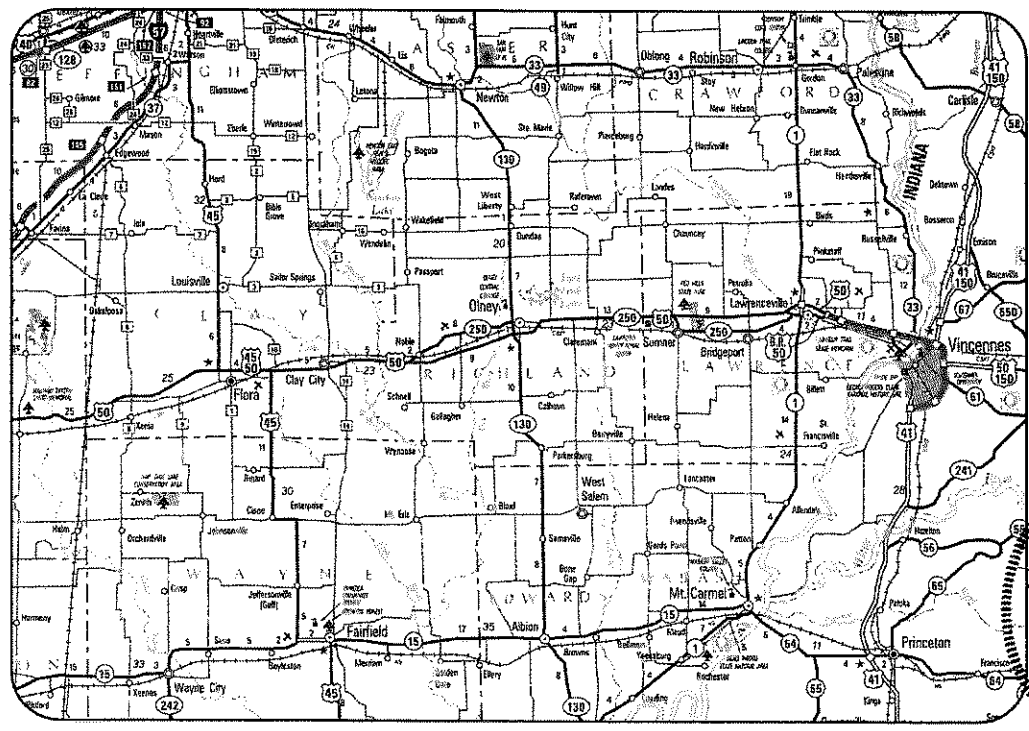


CONSTRUCTION PLANS FOR OLNEY-NOBLE AIRPORT OLNEY, RICHLAND COUNTY, ILLINOIS REMARK RUNWAY 11-29

SCOPE OF WORK

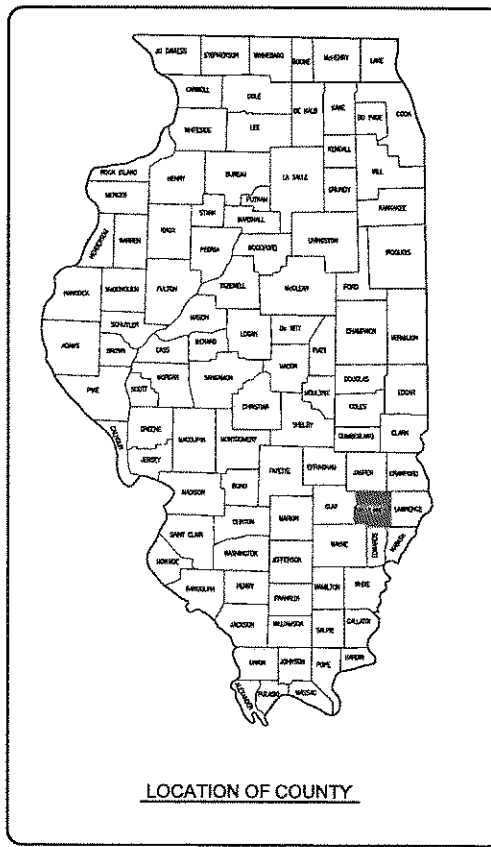
THIS PROJECT CONSISTS OF REMARKING RUNWAY 11-29 AND THE TEACUP TAXIWAY. ALL EXISTING RUNWAY MARKING IS SOLID AND WILL BE REMARKED THE SAME. THE EXISTING BITUMINOUS PAVEMENT HAS FADED SINCE IT WAS LAST OVERLAID. THEREFORE, THE PROPOSED WHITE AND YELLOW MARKING WILL BE OUTLINED WITH BLACK PAINT. ALL EXISTING MARKING ON RUNWAY WILL BE REMARKED.



LOCATION



ILL. PROJ.: OLY-4253
BLOCK GRANT PROJ.: 3-17-0076-B12
LATITUDE: 38° 44' 00"
LONGITUDE: 88° 10' 33"
ELEVATION: 481.0' M.S.L.
DATE: NOV. 16, 2012



LOCATION OF COUNTY

HANSON
Hanson Professional Services Inc.

Submitted by: *Charles A. Hagloch* ENGR
Date Submitted: APRIL 11, 2013
Lic. Exp. Date: NOVEMBER 30, 2013

OLNEY-NOBLE AIRPORT AUTHORITY

Approved: *[Signature]* CHAIRMAN
Date: 12/4/12
Approved: *[Signature]* SECRETARY
Date: 12-04-12

REVISION	DATE	DATE	DATE	DATE	DATE	DATE	DATE
OLNEY-NOBLE AIRPORT OLNEY, ILLINOIS							
ILL. PROJ.: OLY-4253 BLOCK GRANT PROJ.: 3-17-0076-B12							
Hanson Proj. No. 12A0067		Filename: G-001-CVR.dwg		Scale: NOT TO SCALE		Date: xx/xx/12	
LAYOUT	BAK	09/28/12					
DRAWN	BAK	09/28/12					
REVIEWED	CAH	11/16/12					
REMARK RUNWAY 11-29		COVER SHEET					
1 1 of 6 sheets							

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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.

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.

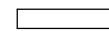
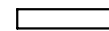

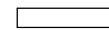



THE CONTRACTOR SHALL KEEP ONE RUNWAY OPEN AT ALL TIMES AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS.

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

NO TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT.

NO RUNWAY SHALL BE CLOSED OVERNIGHT.

LEGEND

-  EXISTING IMPROVEMENTS
-  PROPOSED IMPROVEMENTS
-  EXISTING BUILDINGS
-  PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
-  PROPOSED BENCHMARK
-  PROPOSED BARRICADES WHEN RUNWAY 11-29 IS CLOSED
-  PROPOSED BARRICADES WHEN RUNWAY 3-21 IS CLOSED

SCOPE OF WORK

THIS PROJECT CONSISTS OF REMARKING RUNWAY 11-29 AND THE TEACUP TAXIWAY. ALL EXISTING RUNWAY MARKING IS SOLID 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 WILL BE REMARKED.

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.

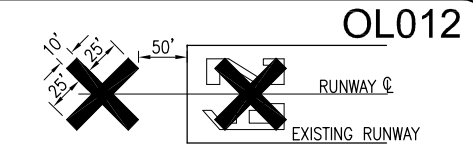
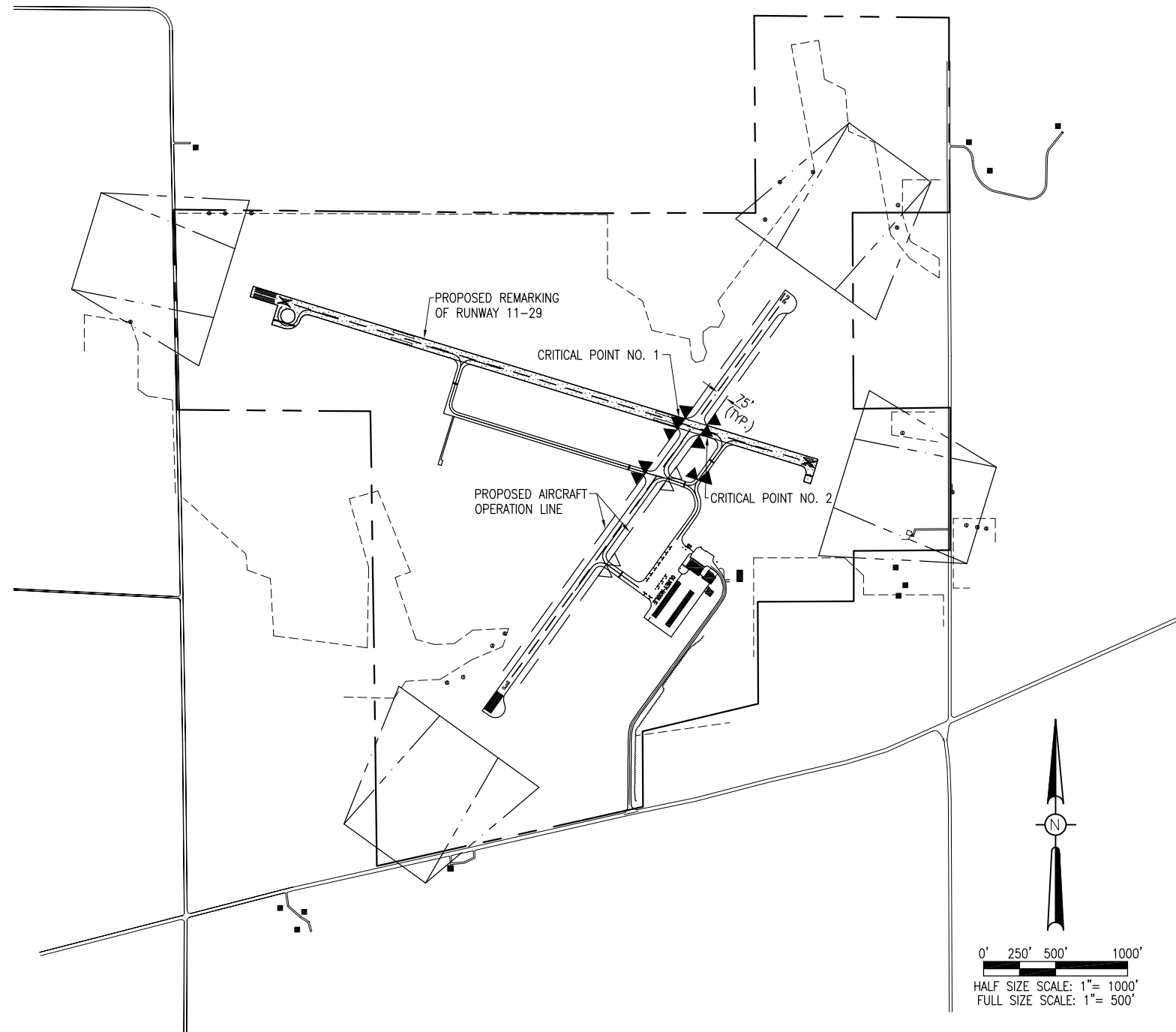
MATERIAL CERTIFICATION

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.



YELLOW IN COLOR
DETAIL OF CROSS FOR CLOSED RUNWAY
"NOT TO SCALE"

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.

J.U.L.I.E. INFORMATION

COUNTY _____ RICHLAND
CITY _____ OLNEY
TOWNSHIP _____ NOBLE
SECTION NO. _____ 2
ADDRESS _____ OLNEY-NOBLE AIRPORT
P.O. BOX 717
OLNEY, ILLINOIS 62450

CRITICAL POINT DATA

CRITICAL POINT NO. 1
LATITUDE: 38° 43' 19.33"
LONGITUDE: 88° 10' 26.04"
ELEVATION: 471.96 M.S.L.

CRITICAL POINT NO. 2
LATITUDE: 38° 43' 19.10"
LONGITUDE: 88° 10' 24.97"
ELEVATION: 471.74 M.S.L.

PROPOSED SAFETY PLAN

GENERAL - THE OLNEY-NOBLE AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING BOTH RUNWAYS. RUNWAY 11-29 WILL BE CLOSED FOR THE DURATION OF THE PROJECT. RUNWAY 3-21 WILL BE CLOSED WHEN WORKING WITHIN 75' OF ITS' CENTERLINE. RUNWAY 3-21 WILL BE CLOSED ONLY DURING THE CONSTRUCTION DAY. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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 (123.00 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE OLNEY-NOBLE 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. THE CONTRACTOR WILL MAINTAIN THE LATHE LINE FOR RUNWAYS.

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. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

REVISION	DATE	REVISION AS PER I.D.A. COMMENTS
	05/08/13	

OLNEY-NOBLE AIRPORT
OLNEY, ILLINOIS
BLOCK GRANT PROJ.: 3-17-0076-B12
IL PROJ.: OLY-4253

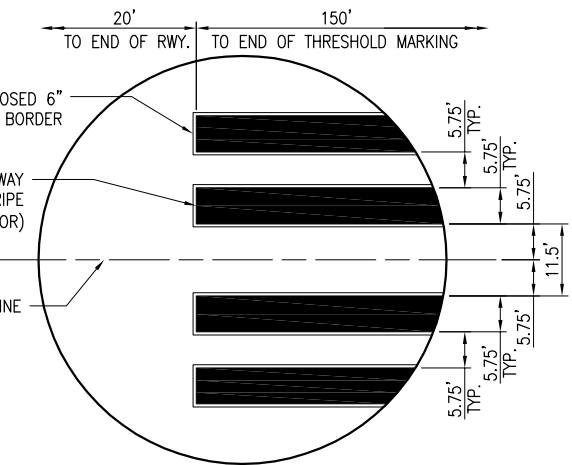
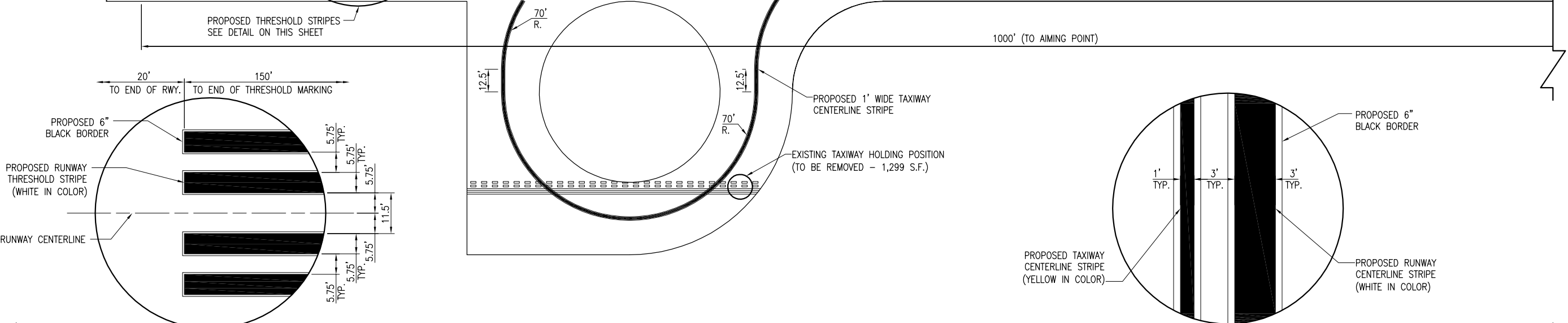
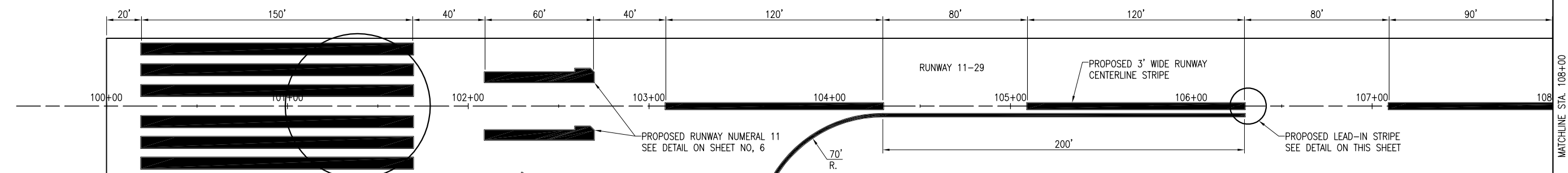
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Date: xx/xx/12		
LAYOUT		
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REVIEWED		

HANSON
Professional Services Inc. 2013
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Ph: (217) 788-2450 Fax: (217) 788-2503
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Offices Nationwide

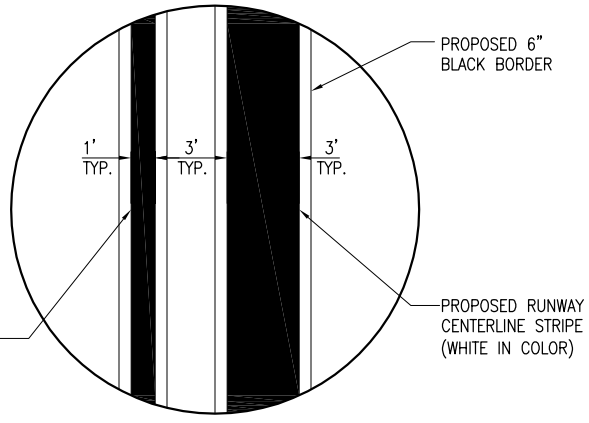
REMARK
RUNWAY 11-29

PROPOSED
SAFETY PLAN

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THRESHOLD STRIPE DETAIL
"NOT TO SCALE"



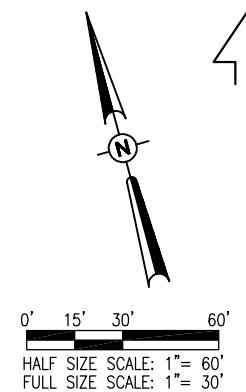
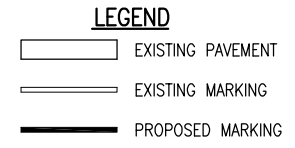
TAXIWAY CENTERLINE LEAD-IN DETAIL
"NOT TO SCALE"

PAVEMENT MARKING REMOVAL NOTES

THE AREAS OF EXISTING MARKING SHOWN ON THIS SHEET AND SHEET NO. 6 THAT ARE DESIGNATED TO BE REMOVED WILL BE REMOVED BY WATER, SHOT OR SAND BLASTING.

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.

THE PROPOSED MARKING REMOVAL FOR THE TURNAROUNDS ON RUNWAY ENDS 11 AND 29 SHALL BE PAID FOR UNDER ITEM:
AR620900 "PAVEMENT MARKING REMOVAL" _ _ _ 1,699 S.F.



REVISION	DATE

OLNEY-NOBLE AIRPORT
OLNEY, ILLINOIS

IL PROJ.: OLY-4253 BLOCK GRANT PROJ.: 3-17-0076-B12

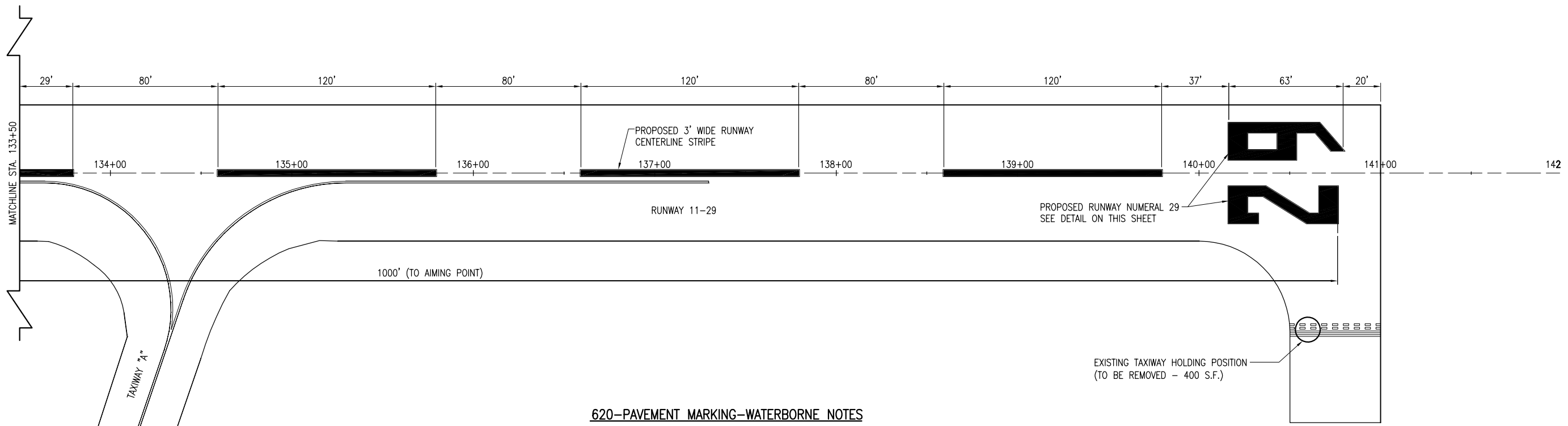
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Scale: 1" = 30'	BAK
Date: xx/xx/12	CAH
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REMARK
RUNWAY 11-29

PROPOSED MARKING PLAN
STA. 100+00 TO STA. 116+50

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620-PAVEMENT MARKING-WATERBORNE NOTES

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.

THIS ITEM SHALL CONSIST OF RUNWAY MARKING, TAXIWAY CENTERLINE, AND TAXIWAY HOLDING POSITION MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKING WILL BE YELLOW AND WHITE IN COLOR WITH A 6-IN BLACK BORDER. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

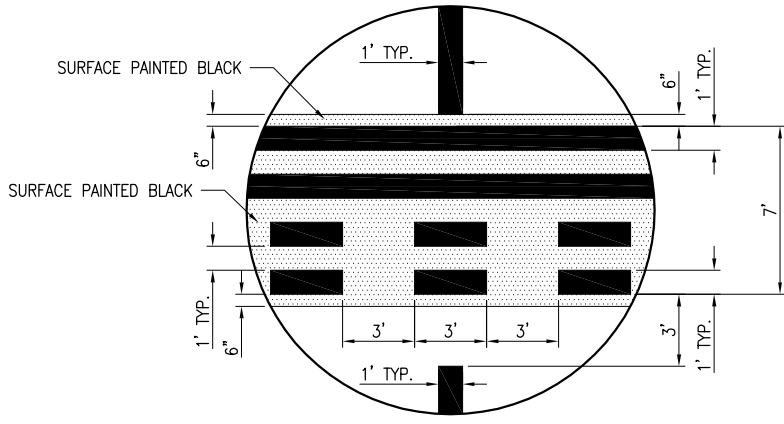
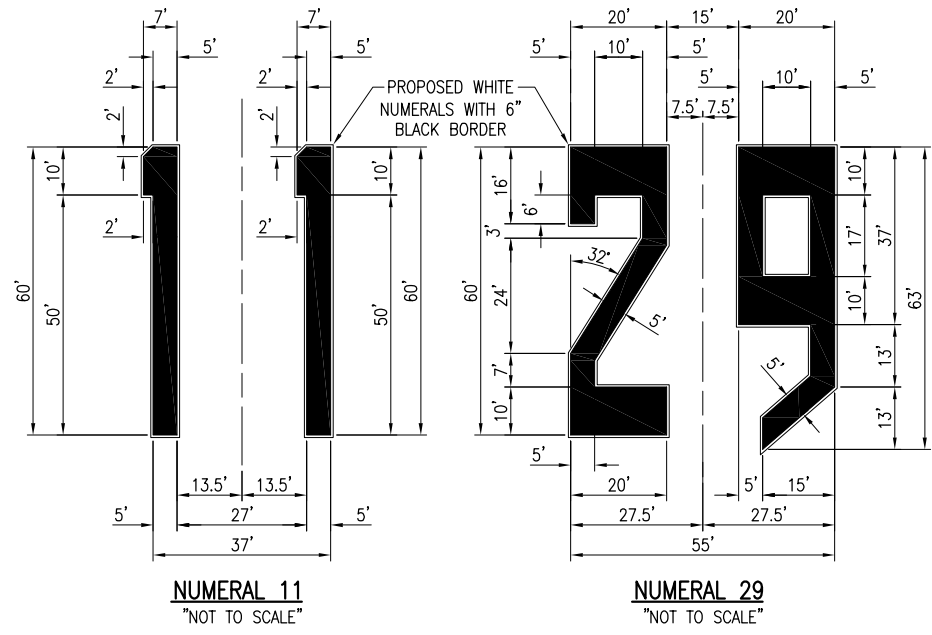
ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION OF MARKING.

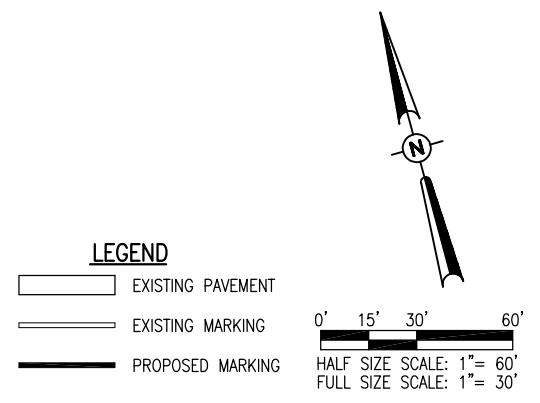
CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:
AR620520 PAVEMENT MARKING-WATERBORNE ___ PER S.F.
AR620525 PAVEMENT MARKING-BLACK BORDER ___ PER S.F.



HOLDING POSITION DETAIL
"NOT TO SCALE"

MARKING QUANTITIES			
DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA
RUNWAY CENTERLINE	360	19	6,840
NUMBER 1	318	2	636
NUMBER 2	652	1	652
NUMBER 9	712	1	712
THRESHOLD STRIPE	862.5	6	5,175
AIMING POINT	2,250	4	9,000
		TOTAL WHITE	23,015
TAXIWAY CENTERLINE	579	1	579
		TOTAL YELLOW	579
RUNWAY CENTERLINE	124	19	2,356
NUMBER 1	67	2	134
NUMBER 2	106	1	106
NUMBER 9	113	1	113
THRESHOLD STRIPE	156.75	6	940.5
AIMING POINT	166	4	664
TAXIWAY CENTERLINE	581	1	581
		TOTAL BLACK	4,895
		TOTAL MARKING	28,489



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REVISION					
DATE					
OLNEY-NOBLE AIRPORT OLNEY, ILLINOIS					
IL PROJ.: OLY-4253 BLOCK GRANT PROJ.: 3-17-0076-B12					
Hanson Proj. No. 12A0067 Filename: C-151-MRK.dwg Scale: 1" = 30' Date: xx/xx/12	LAYOUT	BAK	10/02/12	DRAWN	BAK
	REVIEWED	CAH	11/16/12		
<p style="font-size: x-small;">© Copyright Hanson Professional Services Inc. 2013 Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2986 Ph: (217) 788-2450 Fax: (217) 788-2503 www.hanson-inc.com Offices Nationwide</p>					
REMARK RUNWAY 11-29			PROPOSED MARKING PLAN STA. 133+50 TO STA. 141+00		
6					
6 of 6 sheets					