

CONSTRUCTION PLANS FOR GREATER BEARDSTOWN AIRPORT

BEARDSTOWN, CASS COUNTY, ILLINOIS

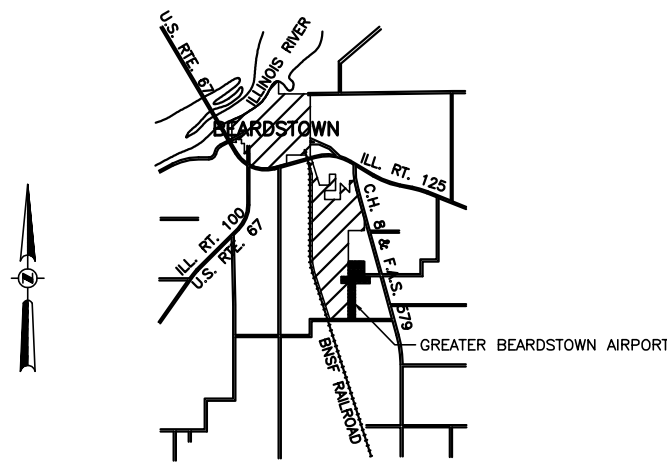
RE-MARK RUNWAY 18-36 AND TAXIWAYS

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	AS BID QUANTITY	AS BUILT QUANTITY
AR150530	TRAFFIC MAINTENANCE	L. SUM	1	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ. FT.	15,380	
AR620525	PAVEMENT MARKING - BLACK BORDER	SQ. FT.	3,614	
AR620900	PAVEMENT MARKING REMOVAL	SQ. FT.	2,561	

ILLINOIS PROJECT NO. K06-4396
SBG PROJECT NO. 3-17-SBGP-XX

JUNE 27, 2014

INDEX TO SHEETS	
NO.	DESCRIPTION
1	COVER SHEET
2	IMPROVEMENT AND SAFETY PLAN
3	PAVEMENT MARKING LAYOUT
4	MARKING DETAILS







VICINITY MAP

	PLANS PREPARED BY :	CITY OF BEARDSTOWN, ILLINOIS
	HUTCHISON, ENGINEERING INC. JACKSONVILLE, ILLINOIS	APPROVED MAYOR DATE <u>6/9/14</u>
ENGINEER'S SEAL	SUBMITTED DATE <u>June 6, 2014</u>	APPROVED CITY CLERK DATE <u>6/9/14</u>

CONSTRUCTION PROCEDURE NOTES

1. ALL CONTRACTOR EMPLOYEES WILL PARK THEIR PERSONAL VEHICLES IN THE AREA DESIGNATED IN THESE PLANS FOR USE AS A VEHICLE PARKING AREA. ONLY AUTHORIZED CONTRACTOR VEHICLES WILL BE ALLOWED ON THE AIR OPERATIONS AREA OF THE AIRPORT AND ON THE CONSTRUCTION SITE.
2. FLAGS WILL BE REQUIRED ON ALL CONTRACTOR'S VEHICLES AND EQUIPMENT USED ON THE AIRPORT OPERATIONS AREA. THE FLAGS SHALL BE THREE (3) FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE) DISPLAYED IN FULL VIEW ABOVE THE VEHICLE.
3. THE CONTRACTOR WILL USE THE DESIGNATED EQUIPMENT AND EMPLOYEE PARKING AREA SHOWN ON THIS SHEET. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE DESIGNATED EQUIPMENT AND EMPLOYEE PARKING AREA FOR THE DURATION OF THE PROJECT. ANY DAMAGE TO EXISTING PAVEMENTS USED TO HAUL MATERIAL ON THE AIRPORT SITE WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE AIRPORT MANAGER AND THE RESIDENT ENGINEER.
4. CONSTRUCTION ACTIVITY CONTROL AND OPERATION AREA PROTECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR NO. 150/5370-2F.
5. THE TALLEST CONSTRUCTION EQUIPMENT UTILIZED ON THE AIRPORT FOR THIS PROJECT IS ANTICIPATED TO BE 15'±.
6. THE AIRPORT MANAGER WILL ISSUE A NOTAM THAT CONSTRUCTION IS BEING PERFORMED TO RE-MARK RUNWAY 18-36 AND THE TAXIWAYS.
7. THIS PROJECT CONSISTS OF WORK TO RE-MARK THE PAVEMENT OF RUNWAY 18-36 AND TAXIWAYS.
8. THIS PROJECT WILL NOT DISTURB TURFED LAND.
9. THE EXISTING AIRPORT REFERENCE CODE FOR RUNWAY 18-36 IS B-1.

LEGEND

-  EXISTING BUILDINGS
-  CONTRACTOR'S ACCESS/HAUL ROUTE
-  AIRPORT PROPERTY LINE
-  PROPOSED PAVEMENT RE-MARKING LOCATIONS

PLACE CLOSED RUNWAY MARKER TO CLOSE RUNWAY 18-36 WHEN PAVEMENT MARKING IS BEING DONE ON THE RUNWAY AND ON THE TAXIWAYS WITHIN 60' OF THE RUNWAY CENTERLINE. (TYPICAL EACH END OF RUNWAY)

RUNWAY END 18
ELEV. 464.0
LAT. 39°58'43.90"
LONG. 90°24'20.73"

PLACE LIGHTED BARRICADES AT 10'± CTRS. TO KEEP AIRCRAFT FROM TAXIING TO THE RUNWAY WHILE RUNWAY IS CLOSED AND WHILE TAXIWAY MARKING IS BEING PERFORMED

THE CONTRACTOR WILL CLOSE AND LOCK THE GATE AT THIS LOCATION AT THE END OF EACH CONSTRUCTION DAY. CONTRACTOR TO INSTALL HIS OWN LOCK AND GIVE A SPARE KEY TO THE AIRPORT MANAGER.

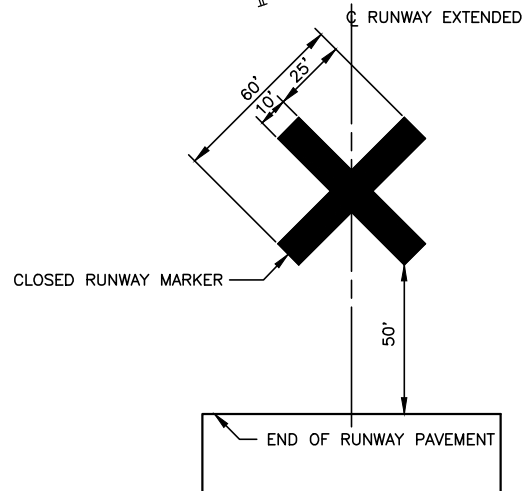
N.W. CORNER OF CONTRACTOR PARKING
LAT. 39°58'37.60"
LONG. 90°24'15.04"
GROUND ELEV. 464.0

APPROXIMATE LOCATION OF CONTRACTOR'S CONSTRUCTION EQUIPMENT AND EMPLOYEE PARKING - COORDINATE WITH THE AIRPORT MANAGER.

0 300 600
GRAPHIC SCALE IN FEET

BURLINGTON NORTHERN SANTA FE RAILROAD

RUNWAY EXTENDED



CLOSED RUNWAY MARKER DETAIL

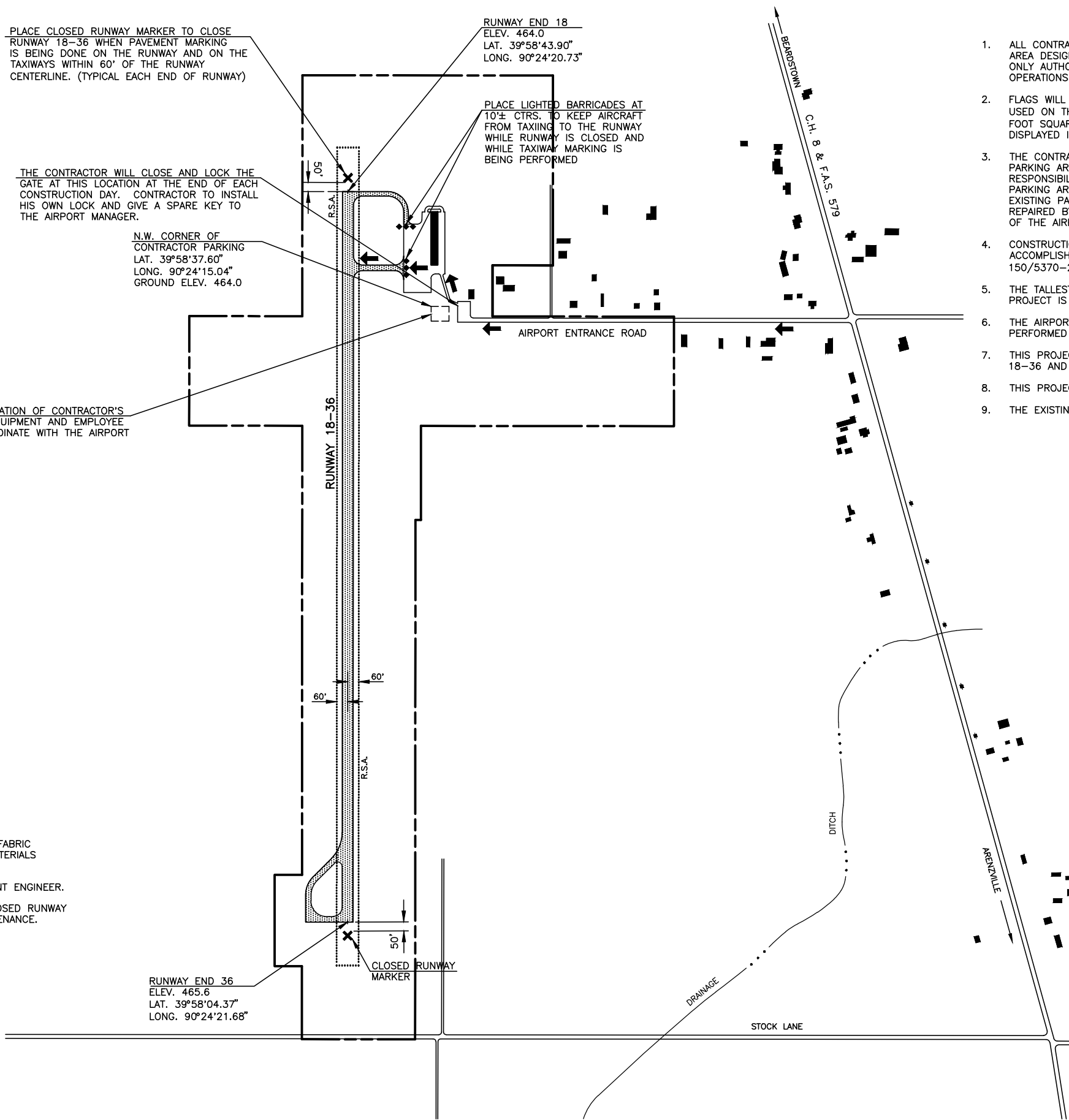
1. CLOSED RUNWAY MARKER SHALL BE YELLOW IN COLOR.
2. CLOSED RUNWAY MARKER SHALL BE PAINTED PLYWOOD, PLASTIC OR FABRIC SHEETING WEIGHTED DOWN WITH SANDBAGS, OR OTHER APPROVED MATERIALS ACCEPTABLE TO THE ENGINEER.
3. CONTRACTOR SHALL MAINTAIN MARKERS AS DIRECTED BY THE RESIDENT ENGINEER.
4. THE COST OF FURNISHING, PLACING, MAINTAINING, AND REMOVING CLOSED RUNWAY MARKERS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.

GENERAL NOTE

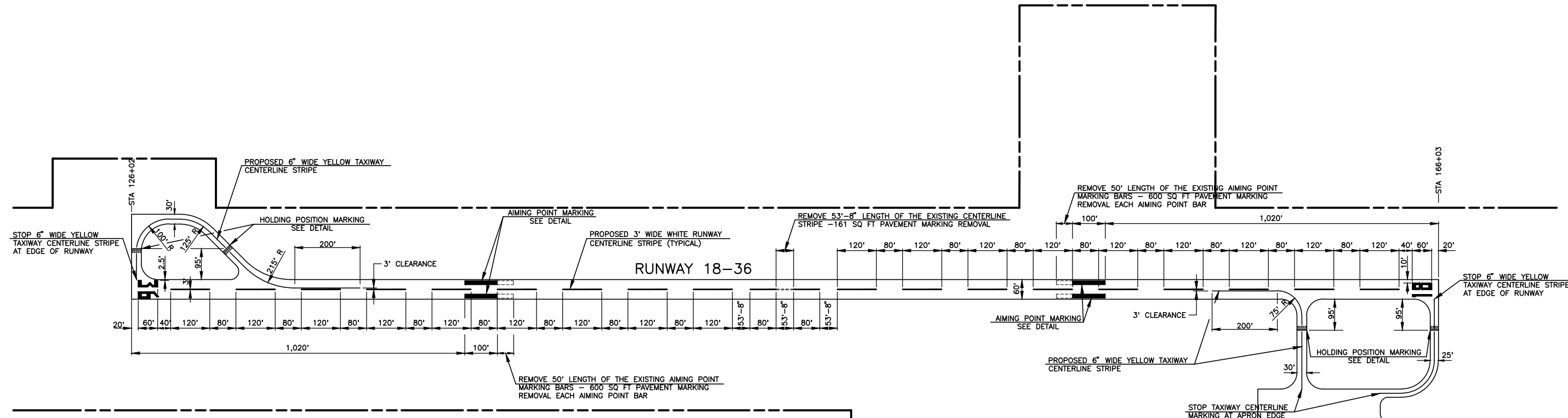
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS. PRIOR TO STARTING WORK, THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS) PHONE 1-800-892-0123 OR 811 TO ARRANGE FOR LOCATION OF UTILITIES IN THE WORK AREA. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK.

COUNTY - CASS
CITY - BEARDSTOWN
TOWNSHIP - T. 18 N. , R. 12 W. 3rd P.M.
SECTION NO. - 25 & 36

RUNWAY END 36
ELEV. 465.6
LAT. 39°58'04.37"
LONG. 90°24'21.68"



GREATER BEARDSTOWN AIRPORT BEARDSTOWN, ILLINOIS	
IMPROVEMENT AND SAFETY PLAN	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R. DATE: JUNE, 2014	ILL. PROJ. NO. K06-4396 SBG PROJ. NO. 3-17-SBGP-XX



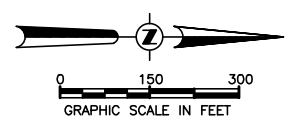
MARKING SUMMARY

DESCRIPTION	UNIT AREA SQ. FT.	NUMBER REQ'D	WHITE	YELLOW	BLACK
			PAINT SQ. FT.	PAINT SQ. FT.	PAINT SQ. FT.
NUMERAL "1"	318-WHITE 67-BLACK	1	318		67
NUMERAL "8"	876-WHITE 132-BLACK	1	876		132
NUMERAL "3"	633-WHITE 103-BLACK	1	633		103
NUMERAL "6"	712-WHITE 113-BLACK	1	712		113
AIMING POINT MARKING	2,400-WHITE 226-BLACK	2	4,800		452
RUNWAY CENTERLINE STRIPES (120' LONG)	360-WHITE 124-BLACK	18	6,480		2,232
RUNWAY CENTERLINE STRIPES (80' LONG)	240-WHITE 84-BLACK	2	480		168
TAXIWAY CENTERLINE STRIPES	911			911	
HOLDING POSITION MARKING (30' WIDE TWY.)	44-YELLOW 91-BLACK	3		132	273
HOLDING POSITION MARKING (25' WIDE TWY.)	38-YELLOW 74-BLACK	1		38	74
TOTALS			14,299	1,081	3,614

NOTES

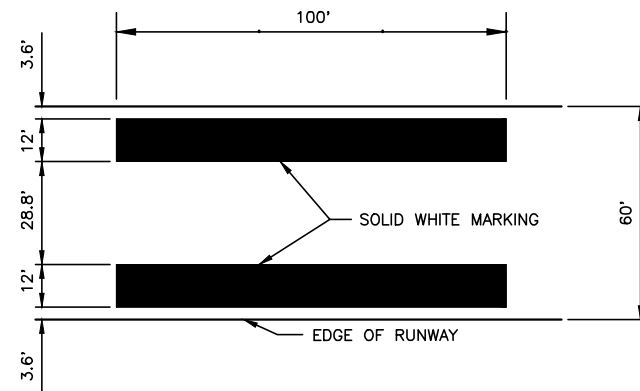
- ALL RUNWAY MARKING SHALL BE SOLID AND WHITE IN COLOR. THE RUNWAY MARKING SHALL BE OUTLINED WITH A SIX INCH WIDE BLACK BORDER. THE WHITE RUNWAY MARKING WILL BE APPLIED OVER THE EXISTING RUNWAY MARKING.
- ALL TAXIWAY MARKING SHALL BE SOLID MARKING AND YELLOW IN COLOR. THE TAXIWAY MARKING WILL BE APPLIED OVER THE EXISTING TAXIWAY MARKING.
- ALL PAVEMENT MARKING SHALL CONSIST OF TWO APPLICATIONS OF PAINT AND ONE APPLICATION OF GLASS BEADS (REFLECTIVE MEDIA). BLACK BORDER OUTLINE MARKINGS WILL NOT REQUIRE THE APPLICATION OF GLASS BEADS.
- PAINT SHALL BE APPLIED AT THE RATE OF 115 SQ. FT. PER GALLON PER APPLICATION. GLASS BEADS SHALL BE APPLIED AT THE RATE OF 7 POUNDS PER GALLON OF PAINT (APPLIED TO SECOND COAT ONLY).

AIRPORT ENTRANCE ROAD



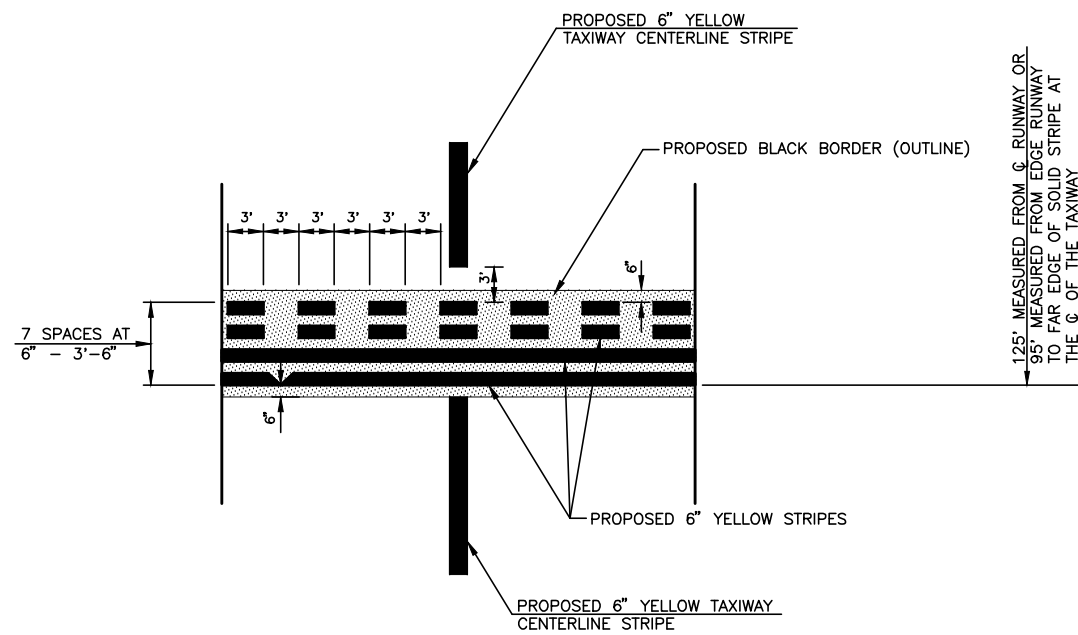
GREATER BEARDSTOWN AIRPORT BEARDSTOWN, ILLINOIS	
PAVEMENT MARKING LAYOUT	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R. DATE: JUNE, 2014	ILL. PROJ. NO. 3-17-4396 SBG PROJ. NO. 3-17-SBGP-XX

3/25/2003 1"=150'

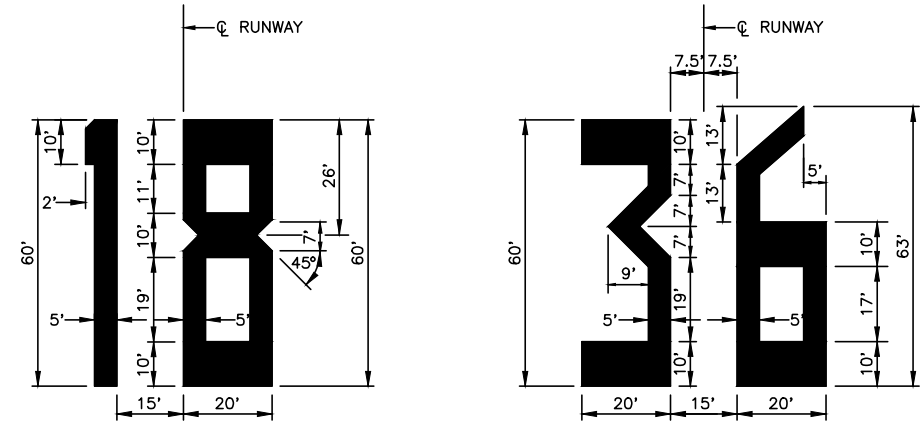


AIMING POINT MARKING DETAIL
NOT TO SCALE

NOTE: THE DIMENSIONS SHOWN ON THIS DETAIL DESIGNATE THE SOLID WHITE MARKINGS TO BE APPLIED. A SIX INCH WIDE BLACK BORDER SHALL BE USED TO OUTLINE THE WHITE MARKINGS.



HOLDING POSITION MARKING DETAIL
NOT TO SCALE



NUMERAL DETAILS
NOT TO SCALE

NOTE: THE DIMENSIONS SHOWN ON THIS DETAIL DESIGNATE THE SOLID WHITE MARKINGS TO BE APPLIED. A SIX INCH WIDE BLACK BORDER SHALL BE USED TO OUTLINE THE WHITE MARKINGS.

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MARKING DETAILS	
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