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TOTAL SHEETS = 5

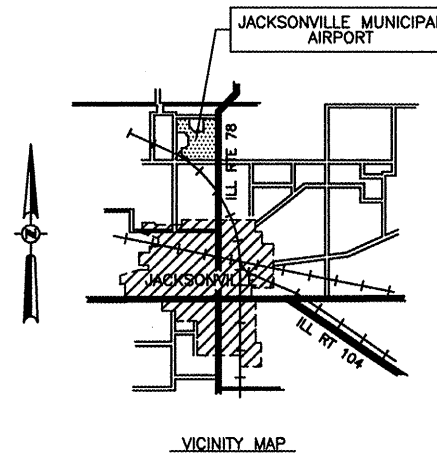
CONSTRUCTION PLANS FOR JACKSONVILLE MUNICIPAL AIRPORT

JACKSONVILLE, MORGAN COUNTY, ILLINOIS

MARK RUNWAY 4-22 AND TAXIWAYS

ILLINOIS PROJECT NO. IJX-3867
AIP PROJECT NO. 3-17-0054-B14
JANUARY 30, 2009

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.	37,224	
AR620525	PAVEMENT MARKING - BLACK BORDER	SQ. FT.	6,300	



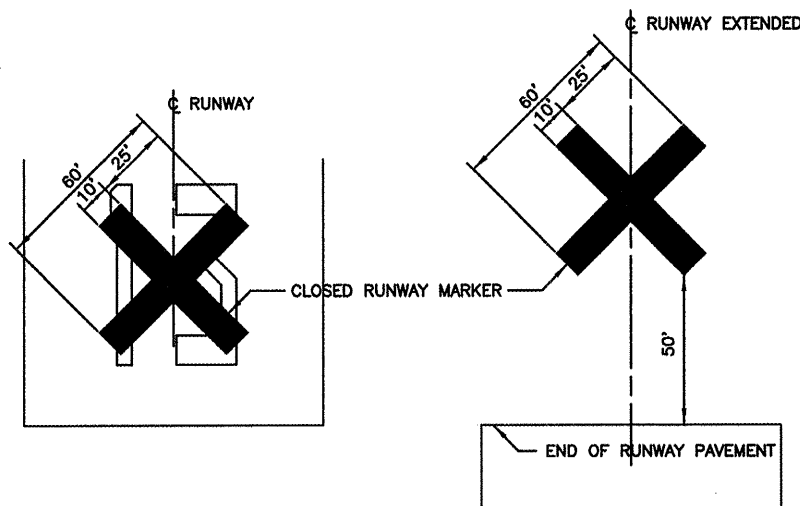
INDEX OF SHEETS	
NO.	DESCRIPTION
1	COVER SHEET
2	IMPROVEMENT AND SAFETY PLAN
3	RUNWAY 4-22 MARKING LAYOUT
4	TAXIWAYS MARKING LAYOUT
5	MARKING DETAILS

	PLANS PREPARED BY :	JACKSONVILLE AIRPORT AUTHORITY
	HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	APPROVED <i>Wm. Brad Weber</i> CHAIRMAN DATE <i>January 27, 2009</i>
SUBMITTED <i>Dan L. Hutchison</i>	APPROVED <i>Eddie Argente</i> SECRETARY DATE <i>January 23, 2009</i>	
ENGINEER'S SEAL	DATE <i>January 22, 2009</i>	

CONSTRUCTION PROCEDURE NOTES

1. ALL CONTRACTOR EMPLOYEES WILL PARK THEIR PERSONAL VEHICLES IN THE AREA DESIGNATED BY THE AIRPORT MANAGER FOR USE AS A VEHICLE PARKING AREA. THE CONTRACTOR WILL BE RESPONSIBLE FOR TRANSPORTING EMPLOYEES TO THE PROPOSED CONSTRUCTION SITE. 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 AND CONSTRUCTION SITE. 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 HAUL ROUTE AND EQUIPMENT STORAGE AREA SHOWN ON THIS SHEET. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE DESIGNATED HAUL ROUTE AND EQUIPMENT STORAGE AREA FOR THE DURATION OF THE PROJECT. ANY DAMAGE TO EXISTING PAVEMENTS USED TO HAUL MATERIAL TO THE CONSTRUCTION SITE WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE AIRPORT MANAGER AND THE RESIDENT ENGINEER.
4. THE CONTRACTOR SHALL FURNISH, MAINTAIN, AND REMOVE ALL BARRICADES REQUIRED TO DELINEATE THE WORK AREA AND KEEP AIRCRAFT FROM ENCRANCHING INTO SAID WORK AREA. THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CONTRACTOR SHALL CLOSE RUNWAY 4-22 WHEN ACCOMPLISHING PAVEMENT MARKING ON THE RUNWAY. AT SUCH TIME AS PAVEMENT MARKING IS BEING PERFORMED WITHIN THE AREA 200' EACH SIDE OF THE RUNWAY 13-31 CENTERLINE ON THE CONNECTING TAXIWAYS AND THE RUNWAY 4-22 INTERSECTION, RUNWAY 13-31 SHALL ALSO BE CLOSED
6. CONSTRUCTION ACTIVITY CONTROL AND OPERATION AREA PROTECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR NO. 150/5370-2E.
7. BARRICADE TAXIWAY C NORTHWEST OF TAXIWAY A AND BARRICADE RUNWAY 4-22 EACH SIDE OF RUNWAY 13-31 TO KEEP AIRCRAFT OFF THESE PAVEMENTS WHILE MARKING RUNWAY 4-22. BARRICADES SHALL ALSO BE PLACED AT CLOSED TAXIWAYS EXITING RUNWAY 13-31.
8. BARRICADE TAXIWAY A AT THE APRON TO CLOSE TAXIWAYS A, C, C1 AND C2 TO TRAFFIC AND MARK THESE TAXIWAYS PAVEMENTS. BARRICADES SHALL ALSO BE PLACED AT CLOSED TAXIWAYS EXITING RUNWAY 13-31. AIRCRAFT SHALL USE TAXIWAY C3 FOR ACCESS TO RUNWAY 13-31.
9. OPEN TAXIWAY A TO TRAFFIC FOR ACCESS TO RUNWAY 13-31 AND BARRICADE TAXIWAY C3 AT THE APRON IN ORDER TO MARK TAXIWAYS C3 AND C EXTENDING TO RUNWAY END 31. BARRICADES SHALL ALSO BE PLACED AT CLOSED TAXIWAYS EXITING RUNWAY 13-31.
10. THE MAXIMUM CONSTRUCTION EQUIPMENT HEIGHT UTILIZED ON THE AIRPORT FOR THIS PROJECT SHALL BE 15'.
11. THIS PROJECT CONSISTS OF WORK TO MARK RUNWAY 4-22 AND TAXIWAYS.
12. THIS PROJECT WILL NOT DISTURB TURFED LAND.

PLACE CLOSED RUNWAY MARKER OVER RUNWAY NUMERALS TO CLOSE RUNWAY 13-31 WHEN WORKING ON RUNWAY 4-22 AND ON THE TAXIWAYS WITHIN 200' EACH SIDE OF THE RUNWAY 13-31 CENTERLINE (TYPICAL EACH END OF RUNWAY)



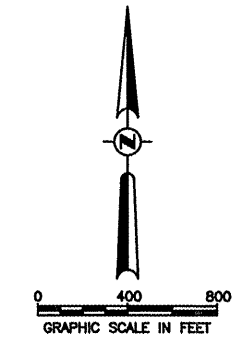
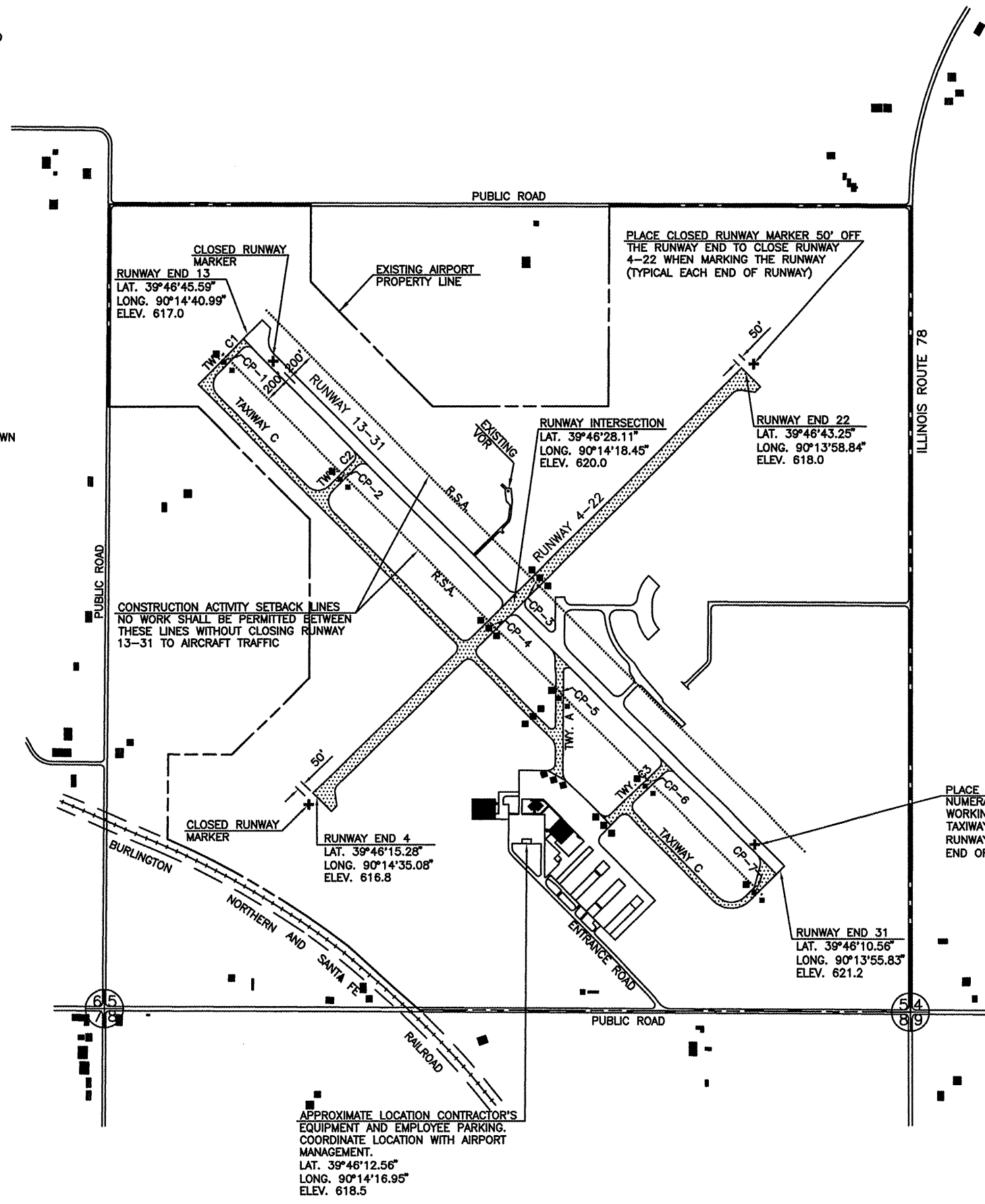
CLOSED RUNWAY MARKER DETAIL

1. CLOSED RUNWAY MARKER SHALL BE YELLOW IN COLOR.
2. CLOSED RUNWAY MARKER SHALL BE PAINTED PLYWOOD, PLASTIC 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.

LEGEND

- EXISTING BUILDING
- AIRPORT PROPERTY LINE
- MARK RUNWAY 4-22 AND TAXIWAYS
- LOCATION OF LIGHTED BARRICADES
- CP-1 CRITICAL POINT NO. 1

CRITICAL POINTS			
ALL POINTS ARE 200' FROM C RUNWAY 13-31			
NO.	LATITUDE	LONGITUDE	ELEVATION
CP-1	39°46'44.06"	90°14'42.62"	614.7
CP-2	39°46'36.48"	90°14'32.86"	615.9
CP-3	39°46'29.51"	90°14'16.64"	619.6
CP-4	39°46'26.71"	90°14'20.27"	619.6
CP-5	39°46'22.29"	90°14'14.57"	621.9
CP-6	39°46'16.35"	90°14'06.91"	622.1
CP-7	39°46'09.30"	90°13'57.83"	618.6

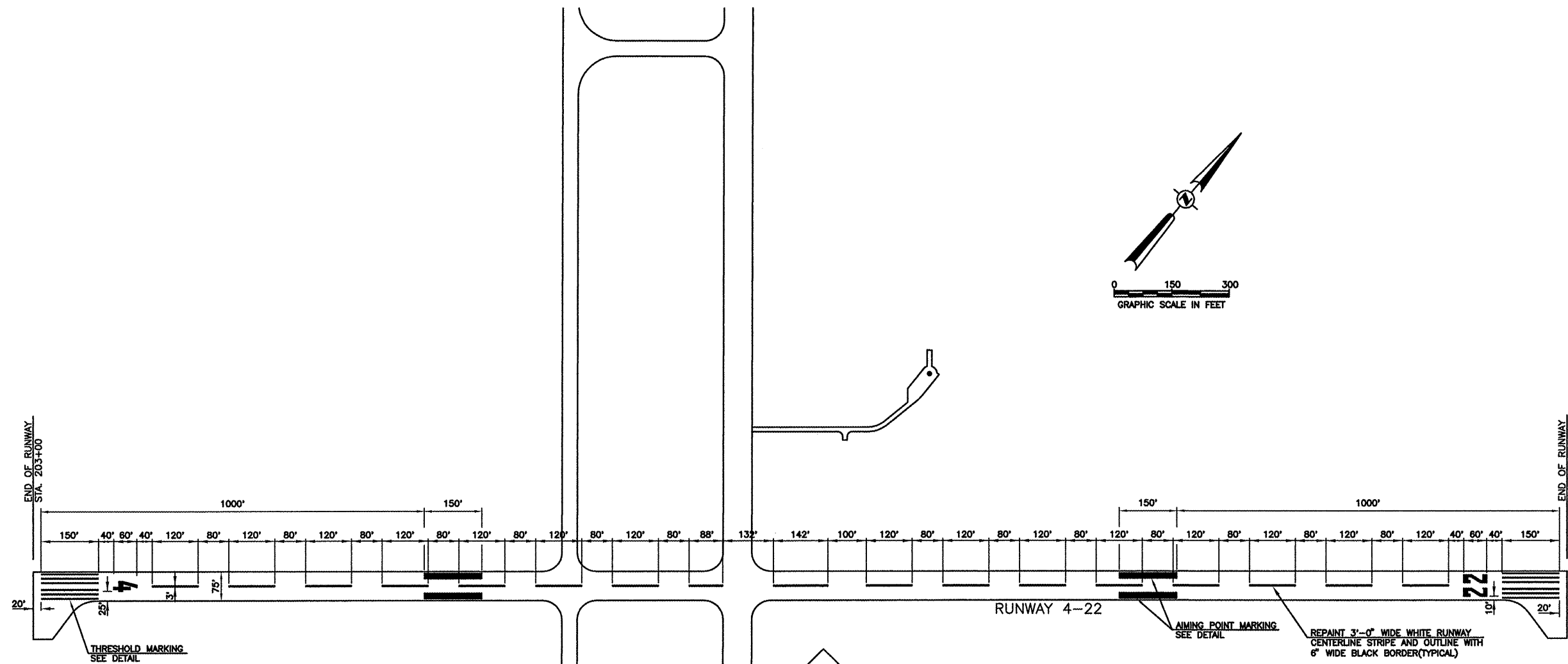


JACKSONVILLE MUNICIPAL AIRPORT
JACKSONVILLE, ILLINOIS

IMPROVEMENT AND SAFETY PLAN

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

DRAWN BY: T.J.D. ILL. PROJ. NO. JX-3867
DATE: JANUARY, 2009 AIP PROJ. NO. 3-17-0054-B14



MARKING SUMMARY THIS SHEET

DESCRIPTION	UNIT AREA SQ. FT.	NUMBER REQ'D	WHITE	BLACK
			PAINT SQ. FT.	PAINT SQ. FT.
NUMERAL "2"	850-WHITE	2	1,300	212
	106-BLACK			
NUMERAL "4"	660-WHITE	1	660	106
	106-BLACK			
AIMING POINT MARKING	4,500-WHITE	2	9,000	664
	332-BLACK			
THRESHOLD MARKING	5,175-WHITE	2	10,350	1,881
	940.5-BLACK			
RUNWAY CENTERLINE STRIPES (120' LONG)	360-WHITE	15	5,400	1,860
	124-BLACK			
RUNWAY CENTERLINE STRIPES (88' LONG)	264-WHITE	1	264	91
	91-BLACK			
TOTALS			26,974	4,814

NOTES

- ALL RUNWAY MARKING SHALL BE SOLID MARKING AND WHITE IN COLOR. THE RUNWAY MARKING SHALL BE OUTLINED WITH A SIX INCH WIDE BLACK BORDER.
- ALL PAVEMENT MARKING SHALL CONSIST OF TWO APPLICATIONS OF PAINT AND ONE APPLICATION OF GLASS BEADS (REFLECTIVE MEDIA). BLACK 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).

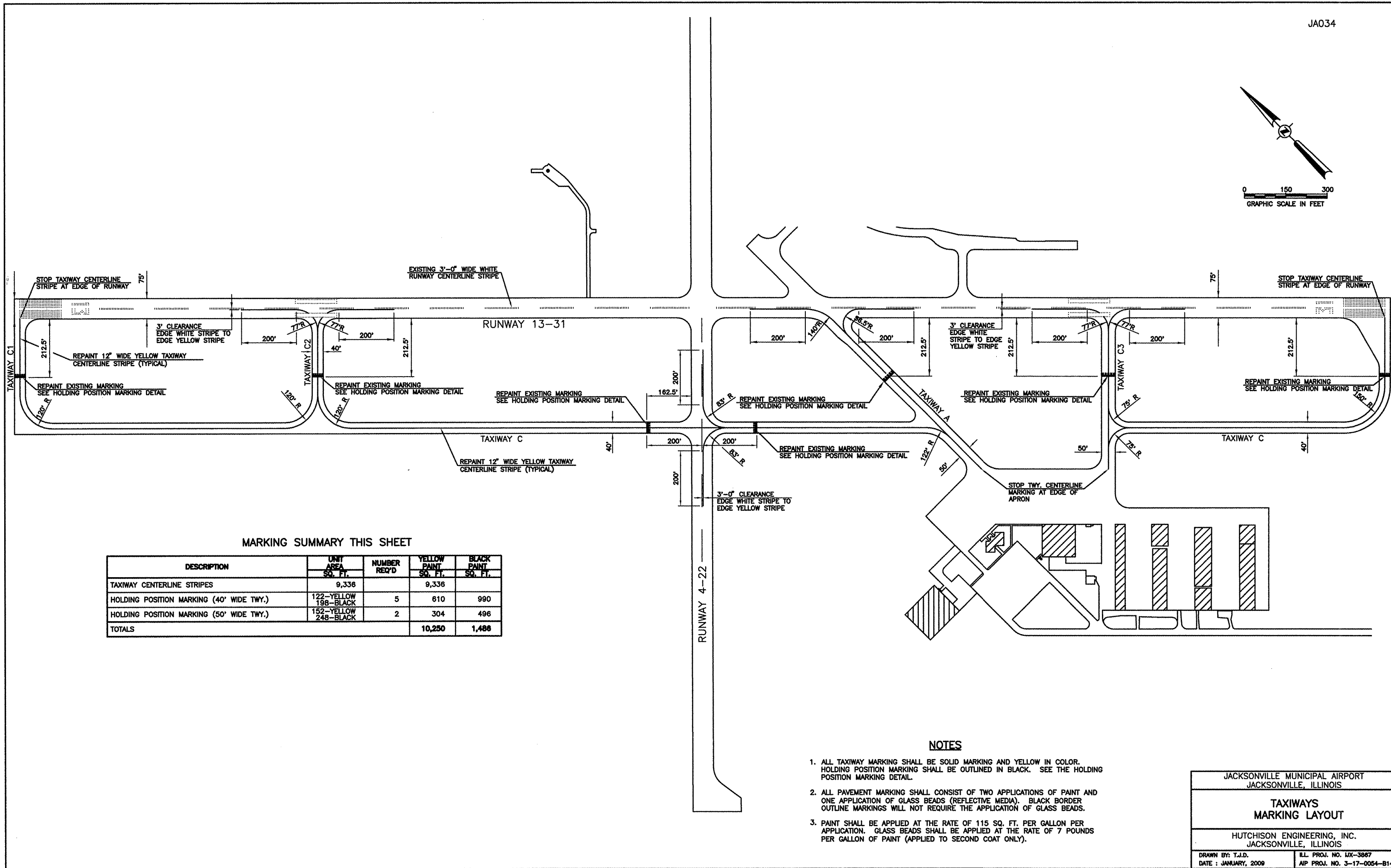
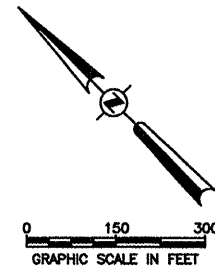
JACKSONVILLE MUNICIPAL AIRPORT
JACKSONVILLE, ILLINOIS

RUNWAY 4-22
MARKING LAYOUT

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

DRAWN BY: T.J.D.
DATE: JANUARY, 2009

ILL. PROJ. NO. LX-3867
AP PROJ. NO. 3-17-0054-B14



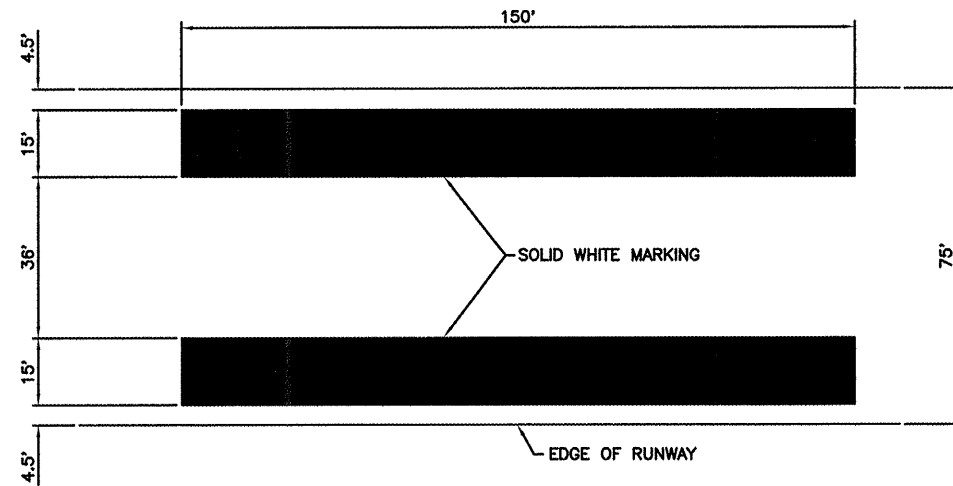
MARKING SUMMARY THIS SHEET

DESCRIPTION	UNIT AREA SQ. FT.	NUMBER REQ'D	YELLOW PAINT SQ. FT.	BLACK PAINT SQ. FT.
TAXIWAY CENTERLINE STRIPES	9,336		9,336	
HOLDING POSITION MARKING (40' WIDE TWY.)	122-YELLOW 198-BLACK	5	610	990
HOLDING POSITION MARKING (50' WIDE TWY.)	152-YELLOW 248-BLACK	2	304	496
TOTALS			10,250	1,486

NOTES

- ALL TAXIWAY MARKING SHALL BE SOLID MARKING AND YELLOW IN COLOR. HOLDING POSITION MARKING SHALL BE OUTLINED IN BLACK. SEE THE HOLDING POSITION MARKING DETAIL.
- 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).

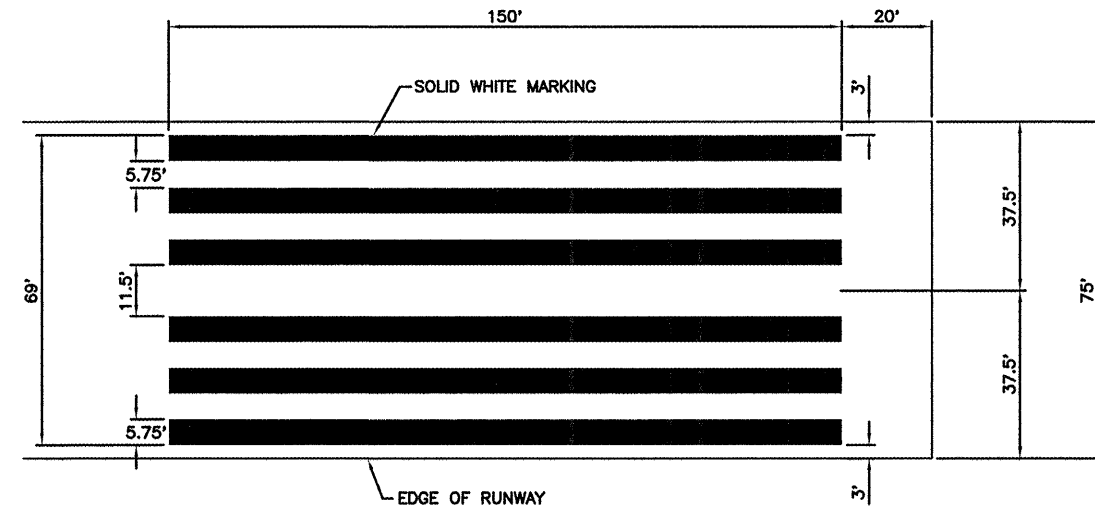
JACKSONVILLE MUNICIPAL AIRPORT JACKSONVILLE, ILLINOIS	
TAXIWAYS MARKING LAYOUT	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: T.J.D. DATE: JANUARY, 2009	ILL. PROJ. NO. IIX-3887 AIP PROJ. NO. 3-17-0054-B14



AIMING POINT MARKING DETAIL

NOT TO SCALE

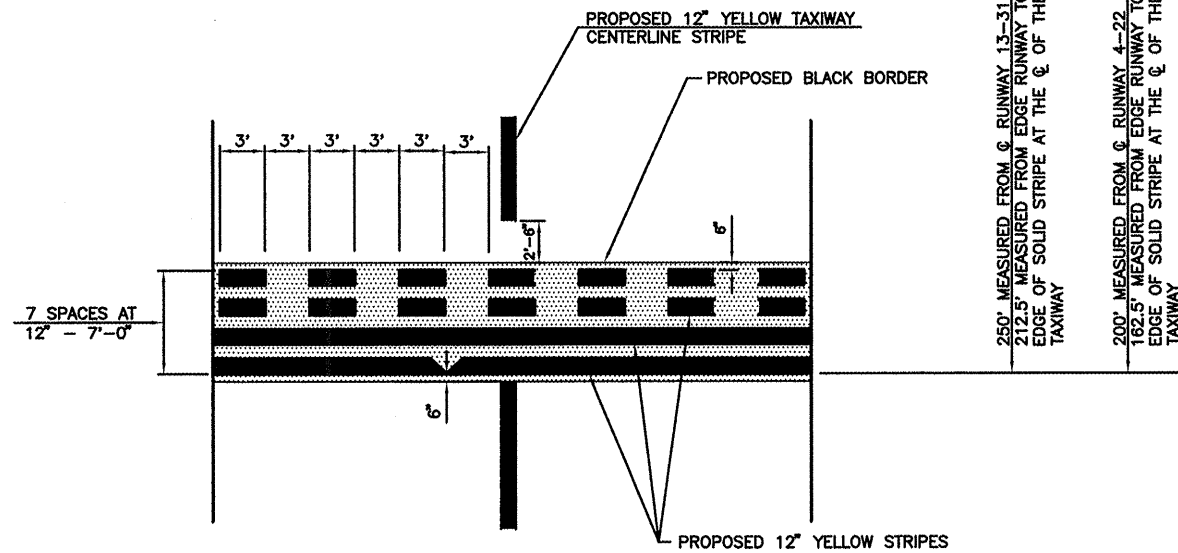
NOTE: THE DIMENSIONS SHOWN ON THIS DETAIL DESIGNATE THE SOLID WHITE MARKINGS TO BE APPLIED. A SIX INCH WIDE BLACK BORDER SHALL BE USED TO OUTLINE THE WHITE MARKINGS.



THRESHOLD 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.

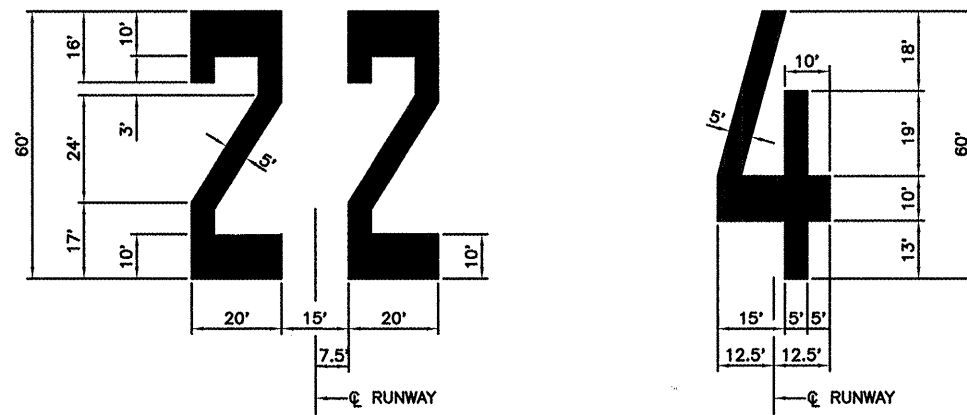


HOLDING POSITION MARKING DETAIL

NOT TO SCALE

250' MEASURED FROM ϕ RUNWAY 13-31 OR 212.5' MEASURED FROM EDGE RUNWAY TO FAR EDGE OF SOLID STRIPE AT THE ϕ OF THE TAXIWAY

200' MEASURED FROM ϕ RUNWAY 4-22 OR 182.5' MEASURED FROM EDGE RUNWAY TO FAR EDGE OF SOLID STRIPE AT THE ϕ OF THE TAXIWAY



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.

JACKSONVILLE MUNICIPAL AIRPORT JACKSONVILLE, ILLINOIS	
MARKING DETAILS	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
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