

CONSTRUCTION PLANS FOR PITTSFIELD PENSTONE MUNICIPAL AIRPORT

PITTSFIELD, PIKE COUNTY, ILLINOIS

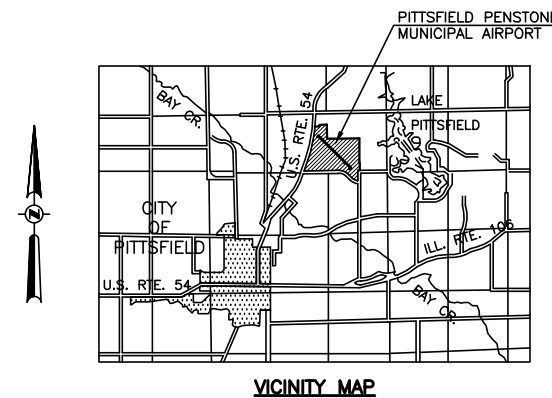
RE-MARK RUNWAY 13-31 AND CONNECTING TAXIWAY

ILLINOIS PROJECT NO. PPQ-4309
AIP PROJECT NO. 3-17-0081-B15

JANUARY 24, 2014

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	AS BID QUANTITY	AS BUILT QUANTITY
AR150630	TRAFFIC MAINTENANCE	L. SUM	1	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ. FT.	20,987	
AR620525	PAVEMENT MARKING - BLACK BORDER	SQ. FT.	4,308	
AR620900	PAVEMENT MARKING REMOVAL	SQ. FT.	2,562	

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

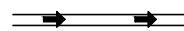





	PLANS PREPARED BY : HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	CITY OF PITTSFIELD, ILLINOIS
	SUBMITTED <i>May 2, 2014</i> DATE <i>January 8, 2014</i>	APPROVED <i>[Signature]</i> MAYOR DATE <i>1-8-14</i>

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. 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 ACCESS ROUTE AND EQUIPMENT STORAGE AREA SHOWN ON THIS SHEET. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE DESIGNATED ACCESS ROUTE AND EQUIPMENT STORAGE AREA FOR THE DURATION OF THE PROJECT. ANY DAMAGE TO EXISTING PAVEMENTS USED FOR ACCESS TO THE CONSTRUCTION SITE WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE AIRPORT MANAGER AND RESIDENT ENGINEER.
4. LIGHTED BARRICADES WILL BE EQUIPPED WITH RED FLASHING LIGHTS.
5. THE CONTRACTOR SHALL REMOVE THE CLOSED RUNWAY MARKERS AND OPEN THE RUNWAY TO AIR TRAFFIC AT THE COMPLETION OF THE RUNWAY PAVEMENT MARKING. THE RUNWAY SHALL BE CLOSED NO MORE THAN 3 CONSECUTIVE DAYS WITHOUT PRIOR PERMISSION FROM THE AIRPORT MANAGEMENT.
6. THE CONTRACTOR SHALL FURNISH, MAINTAIN, AND REMOVE ALL BARRICADES REQUIRED TO DELINEATE THE WORK AREA AND KEEP AIRCRAFT OR GROUND VEHICLES FROM ENCRDACHING INTO SAID WORK AREA. THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC MAINTENANCE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. CONSTRUCTION ACTIVITY CONTROL AND OPERATION AREA PROTECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR NO. 150/5370-2F.
8. THE MAXIMUM CONSTRUCTION EQUIPMENT HEIGHT UTILIZED ON THE AIRPORT FOR THIS PROJECT SHALL BE 15'.
9. THIS PROJECT CONSISTS OF WORK TO RE-MARK RUNWAY 13-31 AND CONNECTING TAXIWAY AND TAXILANES.
10. THIS PROJECT WILL NOT DISTURB TURFED LAND.
11. THE PROPOSED APRON TAXILANE STRIPE SHALL BE MARKED WHILE RUNWAY 13-31 IS CLOSED.

LEGEND

-  CONTRACTOR'S ACCESS ROUTE
-  LOCATION OF LIGHTED BARRICADES
-  EXISTING BUILDINGS
-  PAVEMENT RE-MARKING WORK LOCATIONS

PLACE CLOSED RUNWAY MARKER TO CLOSE RUNWAY 13-31 DURING PERIOD WHEN PAVEMENT MARKING IS BEING DONE ON THE RUNWAY, ON THE CONNECTING TAXIWAY WITHIN 200' OF THE RUNWAY CENTERLINE, AND ON THE APRON. (TYPICAL EACH END OF RUNWAY)

RUNWAY END 13
LAT. 39°38'34.01"
LONG. 90°47'00.92"
ELEV. 710.1

PLACE LIGHTED BARRICADES AT 10'± CTRS. TO KEEP AIRCRAFT FROM TAXIING TO THE RUNWAY WHILE RUNWAY IS CLOSED

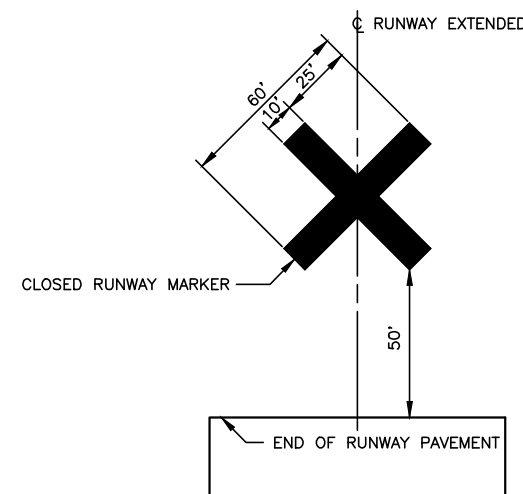
B.M.-S.E. ANCHOR
BOLT IN BEACON
LIGHT BASE
ELEV. 705.57

CRITICAL POINT
LAT. 39°38'22.46"
LONG. 90°46'49.57"
ELEV. 702.2

PLACE LIGHTED BARRICADES AT 10'± CTRS. TO KEEP AIRCRAFT FROM TAXIING INTO WORK AREAS WHILE TAXIWAY/TAXILANE PAVEMENT MARKING IS ACCOMPLISHED. THESE BARRICADES SHALL BE IN PLACE WHILE RUNWAY 13-31 IS CLOSED.

APPROXIMATE LOCATION OF CONTRACTOR'S CONSTRUCTION EQUIPMENT AND EMPLOYEE PARKING (COORDINATE WITH THE AIRPORT MANAGER AND RESIDENT ENGINEER).
LAT. 39°38'19.91"
LONG. 90°47'01.75"
ELEV. 703.3

RUNWAY END 31
LAT. 39°38'06.08"
LONG. 90°46'24.72"
ELEV. 695.0



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 NOTES

1. 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.

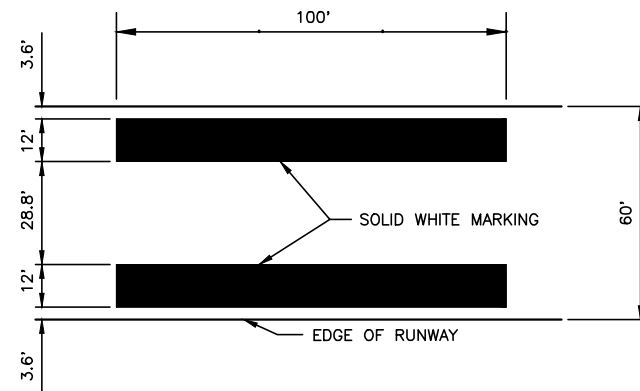
COUNTY - PIKE
CITY - PITTSFIELD
TOWNSHIP - T. 5 S., R. 3 W. 4th P.M. (NEWBURG)
SECTION NO. - 7 & 8

PITTSFIELD PENSTONE MUNICIPAL AIRPORT
PITTSFIELD, ILLINOIS

IMPROVEMENT AND SAFETY PLAN

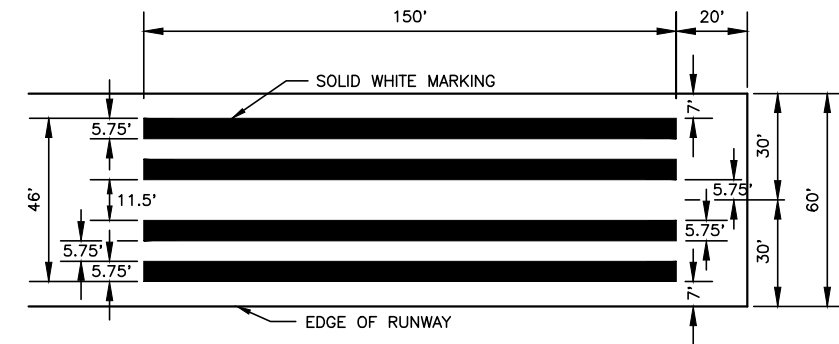
HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

DRAWN BY: R.L.R. ILL. PROJ. NO. PPQ-4309
DATE: JANUARY, 2014 AIP PROJ. NO. 3-17-0081-B15



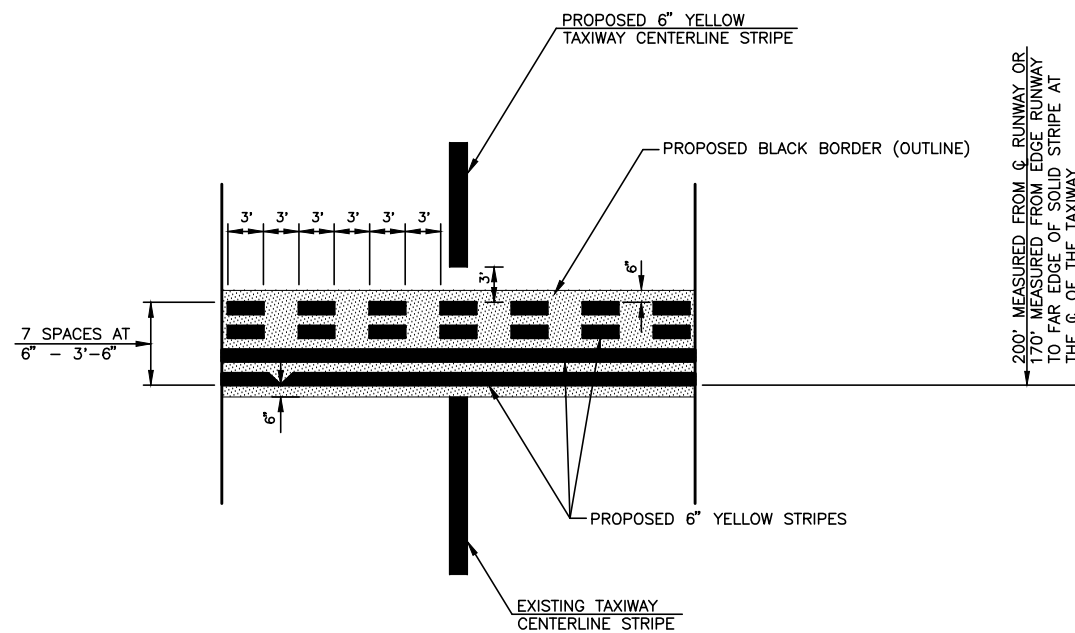
AIMING POINT MARKING DETAIL
NOT TO SCALE

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.

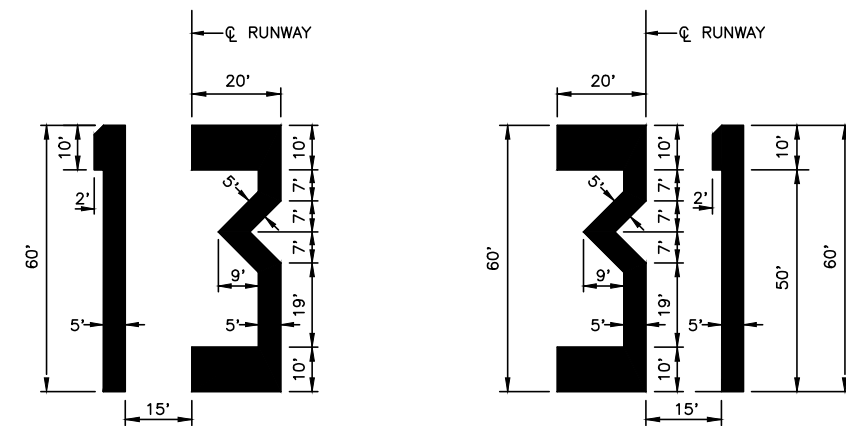


THRESHOLD MARKING DETAIL
NOT TO SCALE

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



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.

PITTSFIELD PENSTONE MUNICIPAL AIRPORT PITTSFIELD, ILLINOIS	
MARKING DETAILS	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R. DATE: JANUARY, 2014	ILL. PROJ. NO. PPO-4309 AIP PROJ. NO. 3-17-0081-B15