

# CONSTRUCTION PLANS FOR JACKSONVILLE MUNICIPAL AIRPORT

## JACKSONVILLE, MORGAN COUNTY, ILLINOIS

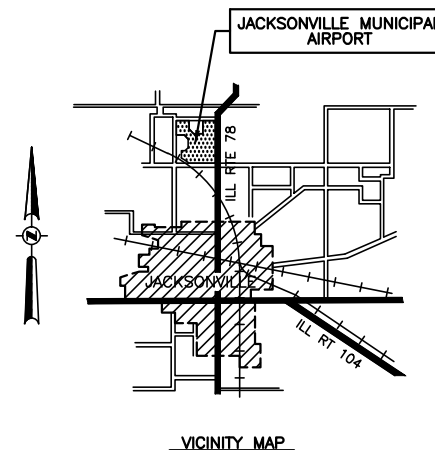
CRACK/JOINT REPAIR AND SEALING ON RUNWAY 13-31,  
RUNWAY 4-22, TAXIWAY C AND T-HANGAR PAVEMENTS;  
RE-MARK RUNWAY 13-31

ILLINOIS PROJECT NO. IJX-4120  
AIP PROJECT NO. 3-17-0054-B18  
MAY 10, 2013

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	AS BID QUANTITY	AS BUILT QUANTITY
AR150530	TRAFFIC MAINTENANCE	L. SUM	1	
AR401661	BITUMINOUS CRACK SEALING	LIN. FT.	41,200	
AR401662	SURFACE COURSE CRACK REPAIR	SQ. YD.	992	
AR401911	REMOVE & REPLACE BIT. SURFACE	SQ. YD.	167	
AR605540	CLEAN & SEAL JOINTS	LIN. FT.	5,093	
* AR620520	PAVEMENT MARKING - WATERBORNE	SQ. FT.	31,387	
* AR620525	PAVEMENT MARKING - BLACK BORDER	SQ. FT.	5,640	

\* SPECIALTY ITEM

INDEX OF SHEETS	
NO.	DESCRIPTION
1	COVER SHEET
2	IMPROVEMENT AND SAFETY PLAN
3	TYPICAL SECTION AND SPECIAL DETAILS
4	RUNWAY 4-22 AND TAXIWAY C CRACK SEALING PLAN
5	T-HANGAR PAVEMENT JOINT SEALING LAYOUT
6	RUNWAY 13-31 CRACK REPAIR AND SEALING PLAN
7	RUNWAY MARKING LAYOUT
8	MARKING DETAILS



	PLANS PREPARED BY : HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	JACKSONVILLE AIRPORT AUTHORITY
	SUBMITTED <i>Gary L. Hutchison</i> DATE <u>April 18, 2013</u>	APPROVED <i>Robert Zipp</i> VICECHAIRMAN DATE <u>April 18, 2013</u>

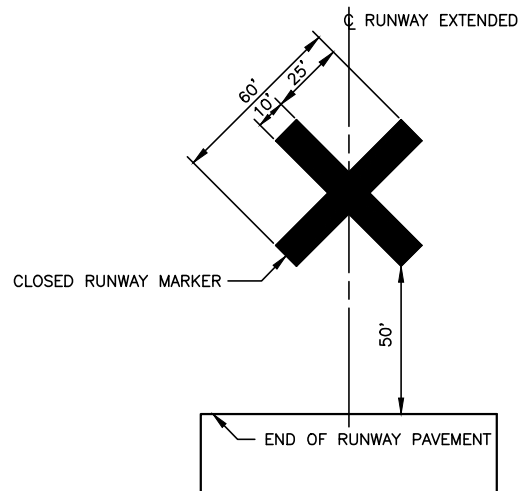
**GENERAL NOTE**

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 - MORGAN  
 CITY - JACKSONVILLE  
 TOWNSHIP - T. 15 N., R. 10 W.  
 SECTION NO. - 5  
 ADDRESS - JACKSONVILLE MUNICIPAL AIRPORT  
 1956 BALDWIN ROAD  
 JACKSONVILLE, ILLINOIS 62650

**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 ENCRUCHING INTO SAID WORK AREA. THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC MAINTENANCE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. CONSTRUCTION ACTIVITY CONTROL AND OPERATION AREA PROTECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR NO. 150/5370-2F.
6. THE CONTRACTOR SHALL CLOSE ONE RUNWAY AT A TIME WHEN ACCOMPLISHING THE MAJORITY OF THE WORK ON EACH RUNWAY. AT SUCH TIME AS WORK IS BEING PERFORMED WITHIN THE AREA 200' EACH SIDE OF EACH RUNWAY CENTERLINE AT THE INTERSECTION OF THE RUNWAYS, BOTH RUNWAYS SHALL BE CLOSED DURING THE WORK DAY. WORK SHALL BE PERFORMED AT THE INTERSECTION IN SUCH A MANNER AS TO ALLOW AT LEAST ONE RUNWAY TO BE OPENED FOR AIRCRAFT USAGE DURING NON-WORKING HOURS.
7. NO WORK SHALL BE PERFORMED OR BARRICADES PLACED WITHIN 66' OF AN ACTIVE TAXIWAY CENTERLINE.
8. BARRICADE TAXIWAY C NORTHWEST OF TAXIWAY A, BARRICADE TAXIWAYS C1 AND C2 AT CP-1 AND CP-2, PAINT CLOSED TAXIWAY MARKERS ON TAXIWAYS C1 AND C2, AND BARRICADE RUNWAY 4-22 AT CP-3 AND CP-4 TO KEEP AIRCRAFT OFF THESE PAVEMENTS WHILE WORKING ON RUNWAY 4-22. AIR TRAFFIC SHALL USE RUNWAY 13-31 AND TAXIWAYS A, C3 AND SOUTHEAST PORTION OF TAXIWAY C. PLACE CLOSED RUNWAY MARKERS ON RUNWAY 4-22 AND PERFORM WORK ON RUNWAY 4-22 AND ON TAXIWAY C BETWEEN RUNWAY 4-22 AND TAXIWAY A.
9. REMOVE BARRICADES FROM NORTHWEST OF TAXIWAY A ON TAXIWAY C AND FROM CP-3 AND CP-4. LEAVE BARRICADES AT CP-1 AND CP-2 AND PLACE BARRICADES AT CP-5, CP-8, CP-9, CP-10, AND ON TAXIWAY C3 AT ITS INTERSECTION WITH THE APRON AREA TO KEEP AIRCRAFT OFF THE TAXIWAYS AND RUNWAY 13-31 WHILE WORKING ON RUNWAY 13-31. PAINT CLOSED TAXIWAY MARKER ON TAXIWAY C BETWEEN CP-10 AND RUNWAY 4-22. REMOVE CLOSED RUNWAY MARKERS FROM RUNWAY 4-22 AND OPEN RUNWAY 4-22. AIR TRAFFIC SHALL USE RUNWAY 4-22, TAXIWAY C FROM RUNWAY 4-22 TO TAXIWAY A AND TAXIWAY A TO THE APRON AREA. PLACE CLOSED RUNWAY MARKERS ON RUNWAY 13-31 AND PERFORM WORK ON RUNWAY 13-31.
10. LEAVE RUNWAY 13-31 CLOSED AND CLOSE RUNWAY 4-22 BY PLACING CLOSED RUNWAY MARKERS ON RUNWAY 4-22. PERFORM WORK AT THE INTERSECTION OF THE RUNWAYS (200' EACH SIDE OF EACH RUNWAY CENTERLINE). UPON COMPLETION OF WORK AT THE INTERSECTION, REMOVE THE CLOSED RUNWAY MARKERS FROM RUNWAY 4-22 AND RE-OPEN RUNWAY 4-22 TO AIR TRAFFIC.
11. PERFORM PAVEMENT MARKING ON RUNWAY 13-31. UPON COMPLETION OF PAVEMENT MARKING, REMOVE PAINTED CLOSED TAXIWAY MARKERS FROM TAXIWAYS C, C-1 AND C-2. REMOVE BARRICADES FROM LOCATIONS AT CP-1, CP-2, CP-5, TAXIWAY C3, CP-8, CP-9 AND CP-10. REMOVE CLOSED RUNWAY MARKERS FROM RUNWAY 13-31. ALL PAVEMENTS WILL THEN BE OPEN TO AIR TRAFFIC.
12. THE MAXIMUM CONSTRUCTION EQUIPMENT HEIGHT UTILIZED ON THE AIRPORT FOR THIS PROJECT SHALL BE 25'.
13. THIS PROJECT CONSISTS OF WORK TO PERFORM CRACK/JOINT REPAIR AND SEALING ON RUNWAY 13-31, RUNWAY 4-22, TAXIWAY C AND T-HANGAR PAVEMENTS: RE-MARK RUNWAY 13-31.
14. THIS PROJECT WILL NOT DISTURB TURFED LAND.



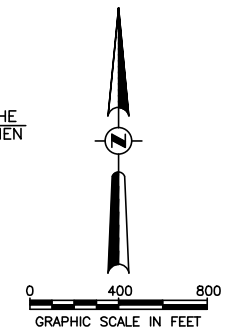
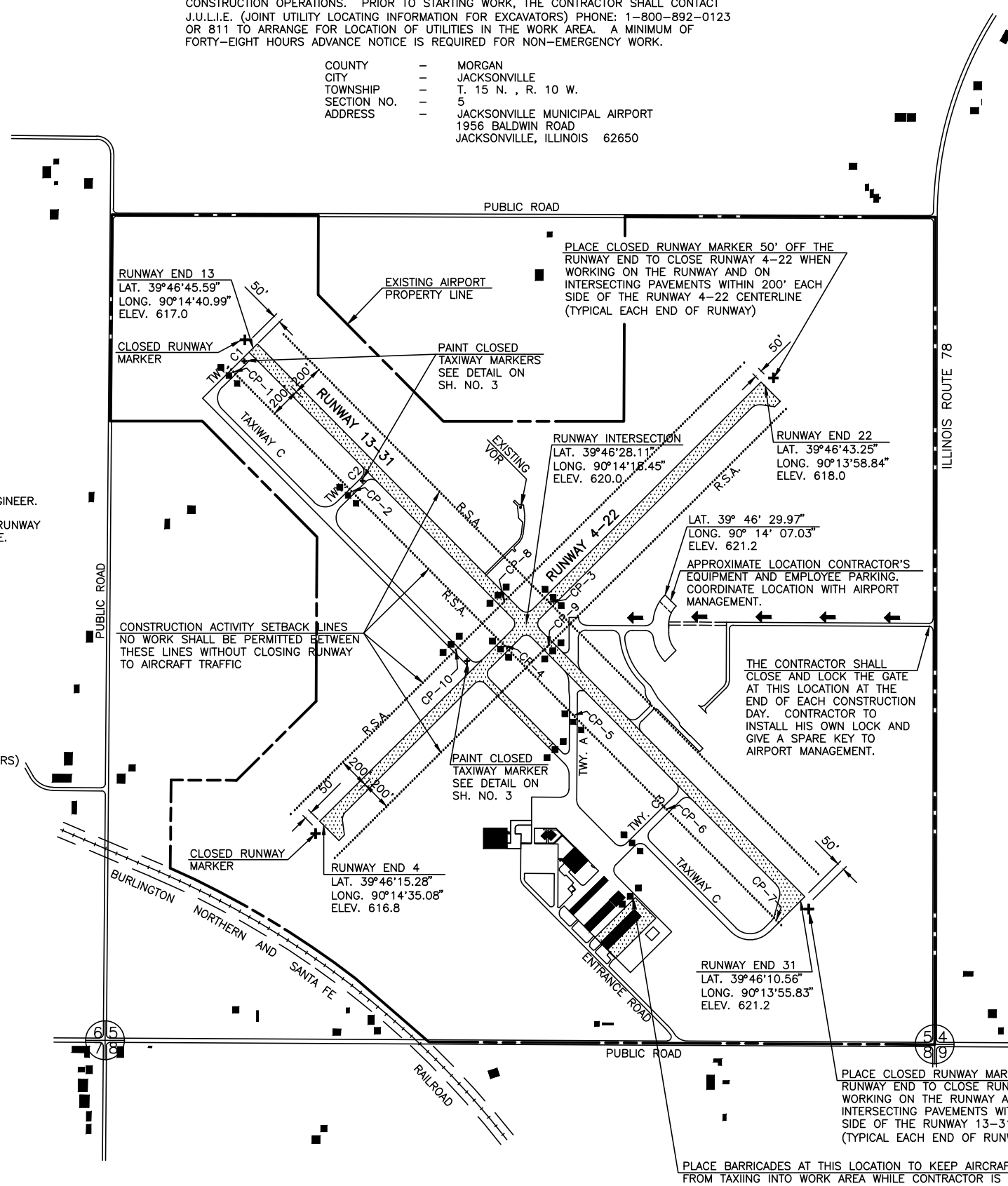
**CLOSED RUNWAY MARKER DETAIL**

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.

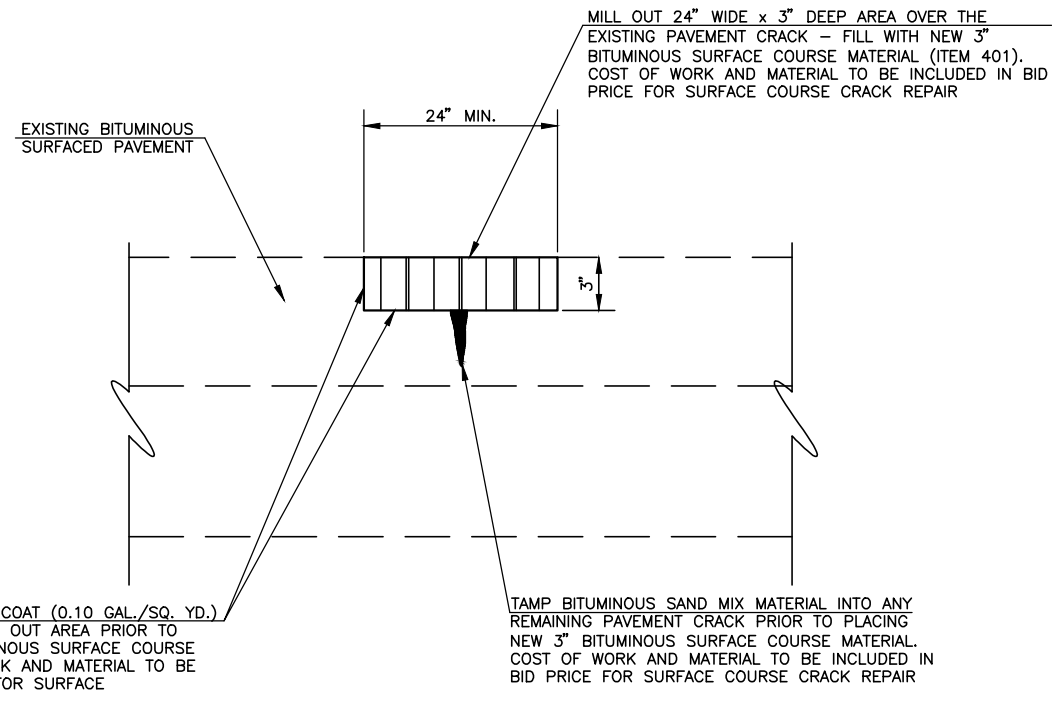
**LEGEND**

- EXISTING BUILDING
- AIRPORT PROPERTY LINE
- WORK LOCATIONS UNDER THIS PROJECT
- LOCATION OF LIGHTED BARRICADES (15'± CTRS)
- CP-1 CRITICAL POINT NO. 1
- CONTRACTOR'S ACCESS/HAUL ROUTE

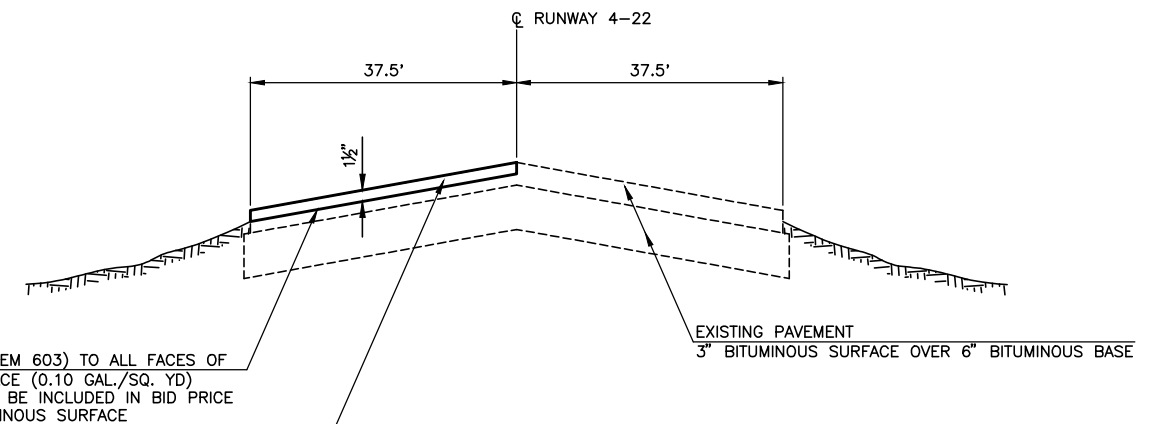
CRITICAL POINTS			
ALL POINTS ARE 200' FROM Q RUNWAY			
NO.	LATITUDE	LONGITUDE	ELEVATION
CP-1	39°46'44.06"	90°14'42.62"	614.7
CP-2	39°46'36.48"	90°14'32.86"	615.9
CP-3	39°46'29.51"	90°14'16.64"	619.6
CP-4	39°46'26.71"	90°14'20.27"	619.6
CP-5	39°46'22.29"	90°14'14.57"	621.9
CP-6	39°46'16.35"	90°14'06.91"	622.1
CP-7	39°46'09.30"	90°13'57.83"	618.6
CP-8	39°46'29.51"	90°14'20.26"	619.3
CP-9	39°46'26.71"	90°14'16.65"	621.0
CP-10	39°46'26.46"	90°14'24.23"	617.6



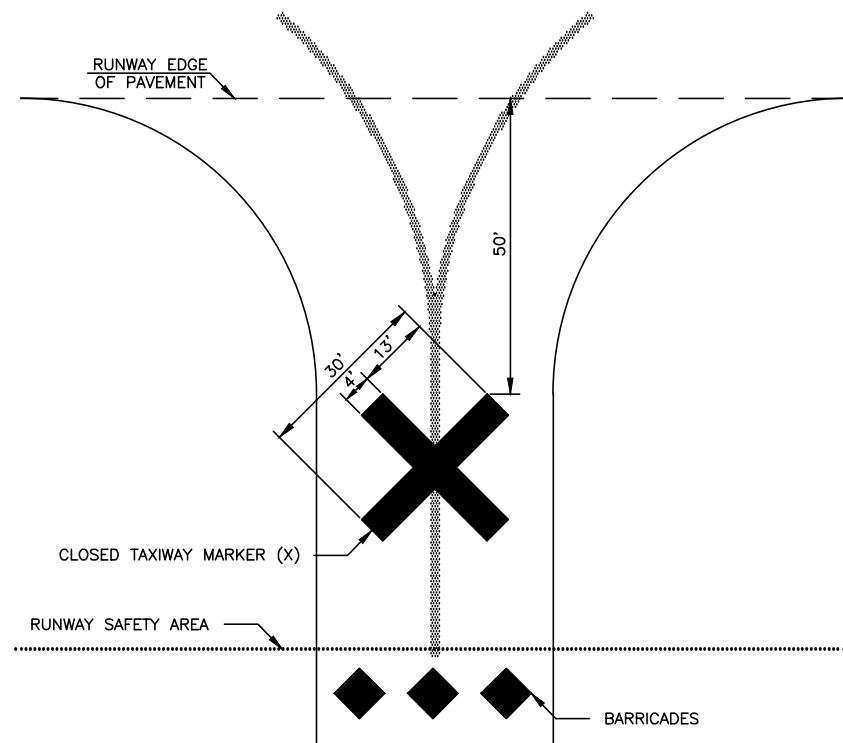
JACKSONVILLE MUNICIPAL AIRPORT JACKSONVILLE, ILLINOIS	
<b>IMPROVEMENT AND SAFETY PLAN</b>	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R.	ILL. PROJ. NO. IJX-4120
DATE: APRIL, 2013	AIP PROJ. NO. 3-17-0054-B18



**SURFACE COURSE CRACK REPAIR DETAIL**  
SECTION VIEW  
NOT TO SCALE



**REMOVE AND REPLACE BITUMINOUS SURFACE TYPICAL SECTION**  
NOT TO SCALE



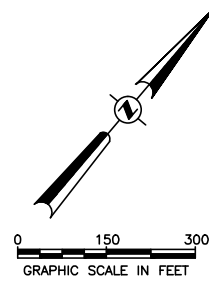
**CLOSED TAXIWAY MARKER DETAIL**  
NOT TO SCALE

**GENERAL NOTES**

1. OPEN PAVING JOINTS AND/OR CRACKS IN THE EXISTING SURFACE OF THE PAVEMENTS DESIGNATED IN THESE PLANS TO BE SEALED/REPAIRED SHALL BE MARKED BY THE RESIDENT ENGINEER IN THE FIELD TO BE REPAIRED PRIOR TO WORK PROCEEDING. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS FOR THE DESIGNATED TYPE OF CRACK REPAIR.
2. THE QUANTITIES FOR BITUMINOUS CRACK SEALING HAVE BEEN ESTIMATED BY MEASURING CRACK SEALING IN SELECTED REPRESENTATIVE LOCATIONS ON THE PAVEMENT. THESE QUANTITIES MAY BE INCREASED OR REDUCED AT THE TIME OF CONSTRUCTION BASED UPON THE CRACK WORK THAT IS MARKED OUT BY THE RESIDENT ENGINEER DURING FIELD INSPECTION OF THE PAVEMENT CRACKS AT THE TIME OF CONSTRUCTION.
3. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE WORK AREA, INCLUDING THE CONTRACTOR'S PARKING AREA AND HAUL ROUTE SHALL BE REGRADED AND RESEEDED AND/OR RESTORED TO THEIR ORIGINAL CONDITION. THIS RESTORATION SHALL BE ACCOMPLISHED BY THE CONTRACTOR AT HIS OWN EXPENSE UPON COMPLETION OF THIS IMPROVEMENT PROJECT.

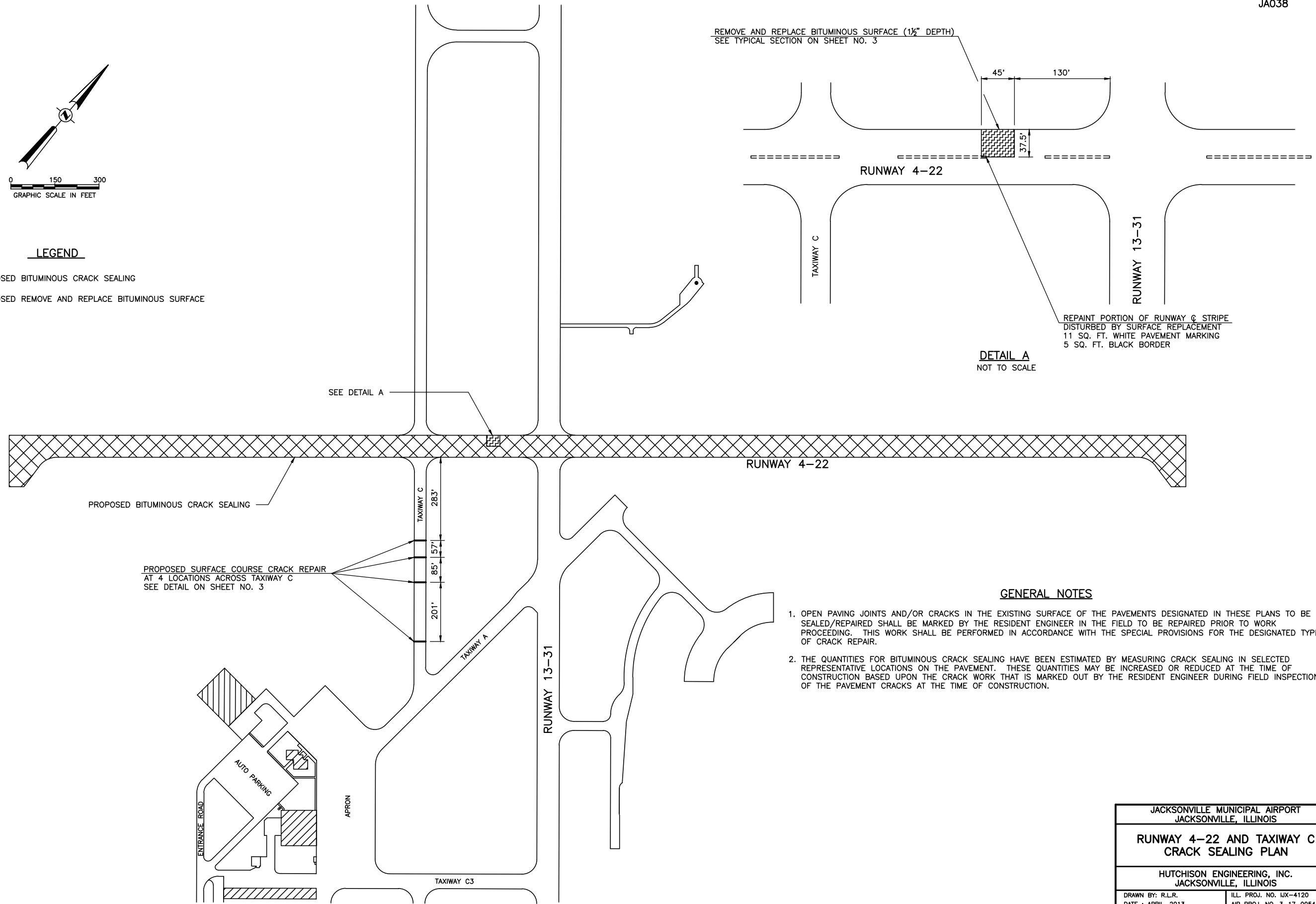
1. WHEN A RUNWAY IS OPEN AND EXIT TAXIWAYS ARE CLOSED FOR THE MORE THAN 3 CALENDAR DAYS, A YELLOW PAINTED "X" ON THE TAXIWAY BETWEEN THE RUNWAY EDGE AND BARRICADES WILL BE REQUIRED AS A CLOSED TAXIWAY MARKER. THE TEMPORARY PAINT SHALL BE 'SEYMOUR TEMPORARY MARKER' PART NO. 20-636 OR OTHER EQUIVALENT PAINT EASILY REMOVED WITH WATER WITHOUT DEFACING THE PAVEMENT.
2. THE COST OF PAINTING AND REMOVING THE CLOSED TAXIWAY MARKERS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.

JACKSONVILLE MUNICIPAL AIRPORT JACKSONVILLE, ILLINOIS	
TYPICAL SECTION AND SPECIAL DETAILS	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R. DATE: APRIL, 2013	ILL. PROJ. NO. IJX-4120 AIP PROJ. NO. 3-17-0054-B18

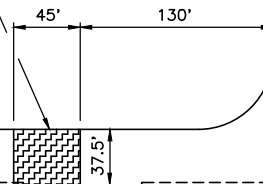


**LEGEND**

- PROPOSED BITUMINOUS CRACK SEALING
- PROPOSED REMOVE AND REPLACE BITUMINOUS SURFACE



REMOVE AND REPLACE BITUMINOUS SURFACE (1 1/2" DEPTH)  
SEE TYPICAL SECTION ON SHEET NO. 3



RUNWAY 4-22

TAXIWAY C

RUNWAY 13-31

REPAINT PORTION OF RUNWAY C STRIPE  
DISTURBED BY SURFACE REPLACEMENT  
11 SQ. FT. WHITE PAVEMENT MARKING  
5 SQ. FT. BLACK BORDER

**DETAIL A**  
NOT TO SCALE

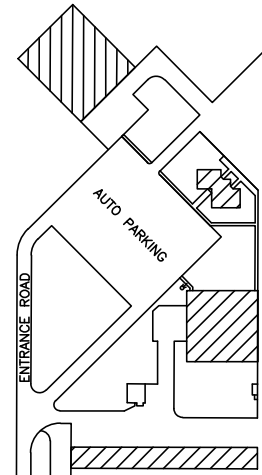
SEE DETAIL A

PROPOSED BITUMINOUS CRACK SEALING

PROPOSED SURFACE COURSE CRACK REPAIR  
AT 4 LOCATIONS ACROSS TAXIWAY C  
SEE DETAIL ON SHEET NO. 3

RUNWAY 4-22

RUNWAY 13-31



TAXIWAY C3

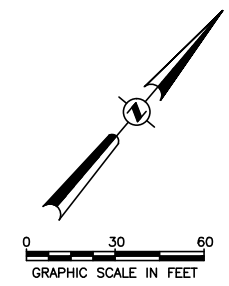
**GENERAL NOTES**

1. OPEN PAVING JOINTS AND/OR CRACKS IN THE EXISTING SURFACE OF THE PAVEMENTS DESIGNATED IN THESE PLANS TO BE SEALED/REPAIRED SHALL BE MARKED BY THE RESIDENT ENGINEER IN THE FIELD TO BE REPAIRED PRIOR TO WORK PROCEEDING. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS FOR THE DESIGNATED TYPE OF CRACK REPAIR.
2. THE QUANTITIES FOR BITUMINOUS CRACK SEALING HAVE BEEN ESTIMATED BY MEASURING CRACK SEALING IN SELECTED REPRESENTATIVE LOCATIONS ON THE PAVEMENT. THESE QUANTITIES MAY BE INCREASED OR REDUCED AT THE TIME OF CONSTRUCTION BASED UPON THE CRACK WORK THAT IS MARKED OUT BY THE RESIDENT ENGINEER DURING FIELD INSPECTION OF THE PAVEMENT CRACKS AT THE TIME OF CONSTRUCTION.

JACKSONVILLE MUNICIPAL AIRPORT JACKSONVILLE, ILLINOIS	
RUNWAY 4-22 AND TAXIWAY C CRACK SEALING PLAN	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R. DATE: APRIL, 2013	ILL. PROJ. NO. IJX-4120 AIP PROJ. NO. 3-17-0054-B18

CLEAN AND SEAL JOINTS TABULATION

DESCRIPTION	LIN. FT.
JOINTS WHERE CONCRETE AND BITUMINOUS PAVEMENTS ABUT	909
EXPANSION JOINTS	1,225
CONTRACTION AND CONSTRUCTION JOINTS	2,959
<b>TOTAL</b>	<b>5,093</b>

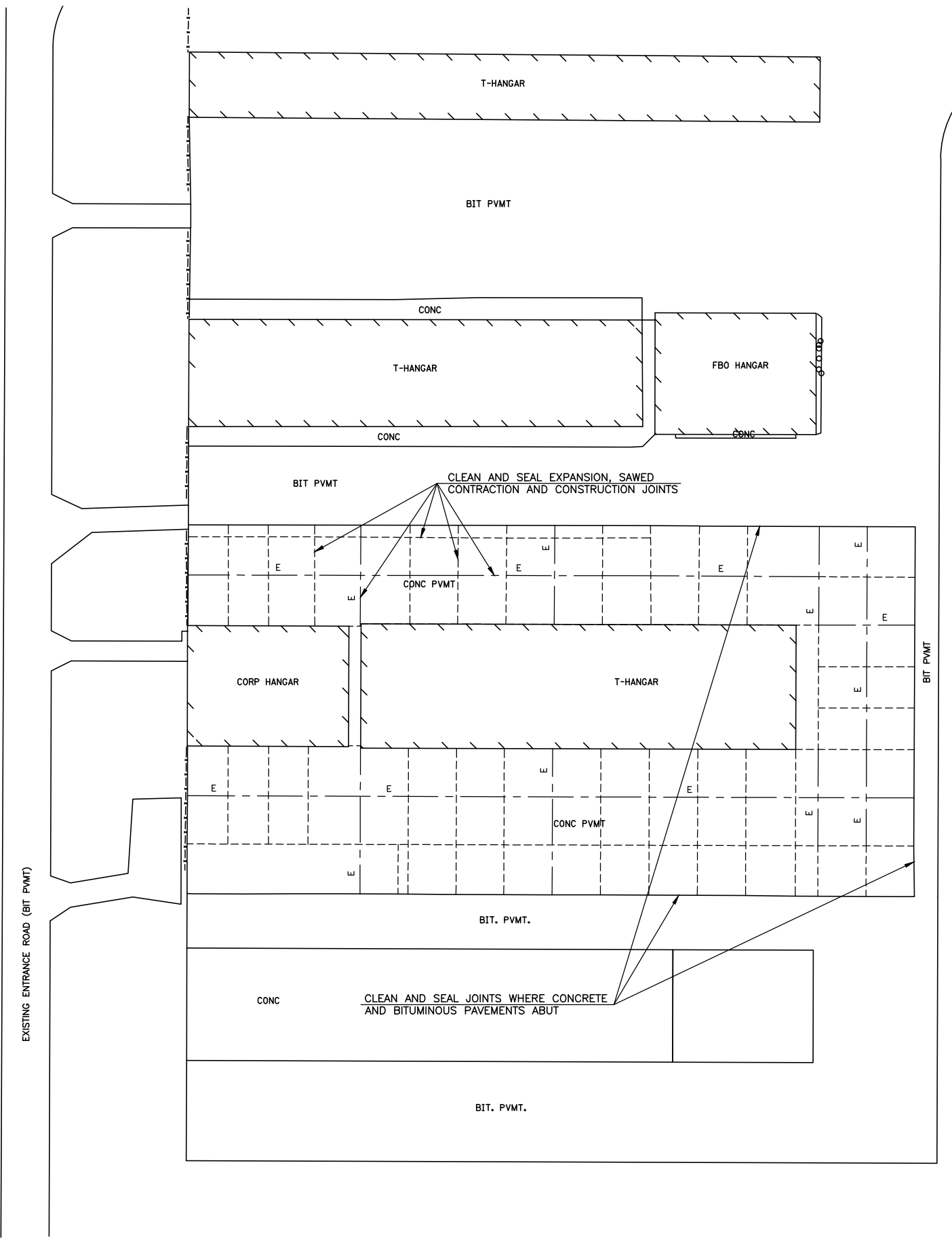


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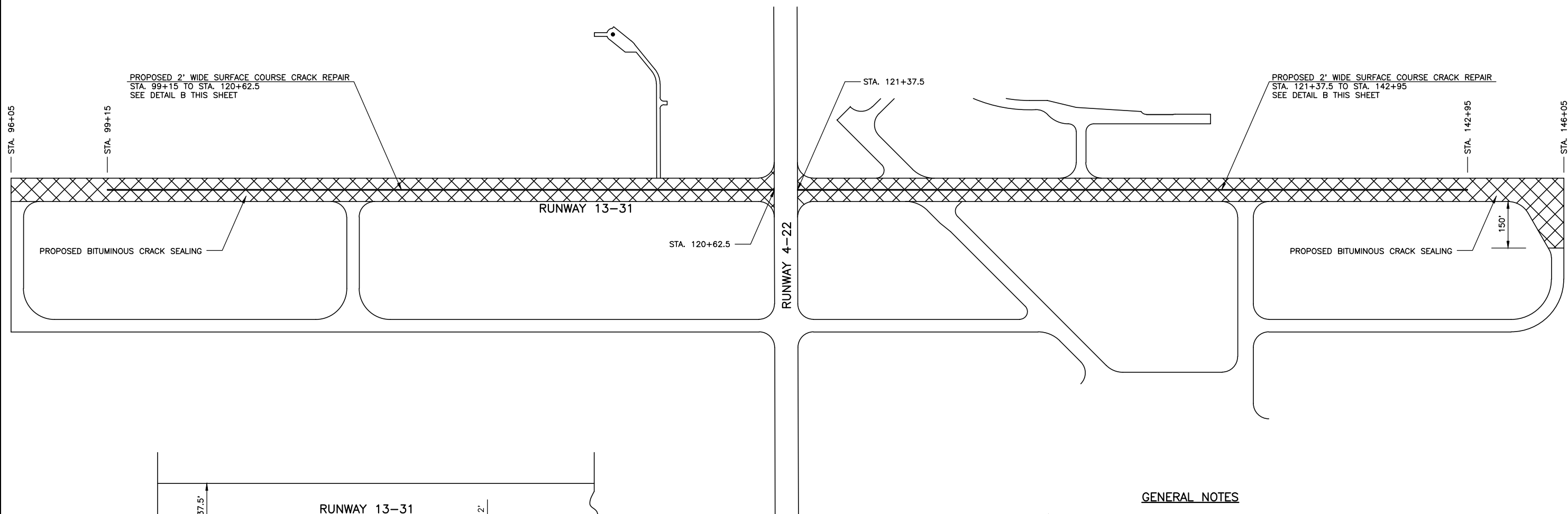
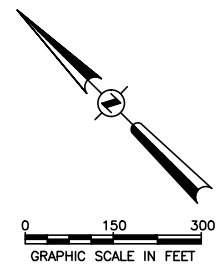
1. JOINTS WHERE CONCRETE AND BITUMINOUS PAVEMENTS ABUT AND EXPANSION JOINTS IN THE CONCRETE PAVEMENT SHALL BE SEALED USING A HOT-APPLIED SEALER IN ACCORDANCE WITH THE SPECIAL PROVISION FOR CLEAN AND SEAL JOINTS.
2. CONTRACTION AND CONSTRUCTION JOINTS SHALL BE SEALED USING A HOT-APPLIED OR COLD-APPLIED SEALER, AT THE CONTRACTOR'S OPTION, IN ACCORDANCE WITH THE SPECIAL PROVISION FOR CLEAN AND SEAL JOINTS.
3. JOINTS SHALL NOT BE OVERFILLED. HOT-APPLIED SEALER SHALL FILL THE JOINT TO NO MORE THAN FLUSH WITH THE PAVEMENT SURFACE. THE SURFACE OF THE COLD APPLIED SEALER SHALL BE WITHIN 1/8 INCH BUT BELOW THE LEVEL OF THE PAVEMENT SURFACE.

LEGEND

- E — EXISTING EXPANSION JOINTS
- - - - - EXISTING SAWED CONTRACTION AND CONSTRUCTION JOINTS



JACKSONVILLE MUNICIPAL AIRPORT JACKSONVILLE, ILLINOIS	
<b>T-HANGAR PAVEMENT JOINT SEALING LAYOUT</b>	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R. DATE: APRIL, 2013	ILL. PROJ. NO. IJX-4120 AIP PROJ. NO. 3-17-0054-B18

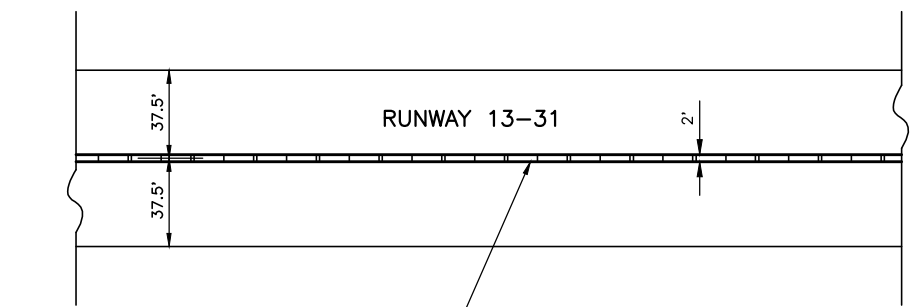


PROPOSED 2' WIDE SURFACE COURSE CRACK REPAIR  
STA. 99+15 TO STA. 120+62.5  
SEE DETAIL B THIS SHEET

PROPOSED 2' WIDE SURFACE COURSE CRACK REPAIR  
STA. 121+37.5 TO STA. 142+95  
SEE DETAIL B THIS SHEET

PROPOSED BITUMINOUS CRACK SEALING

PROPOSED BITUMINOUS CRACK SEALING



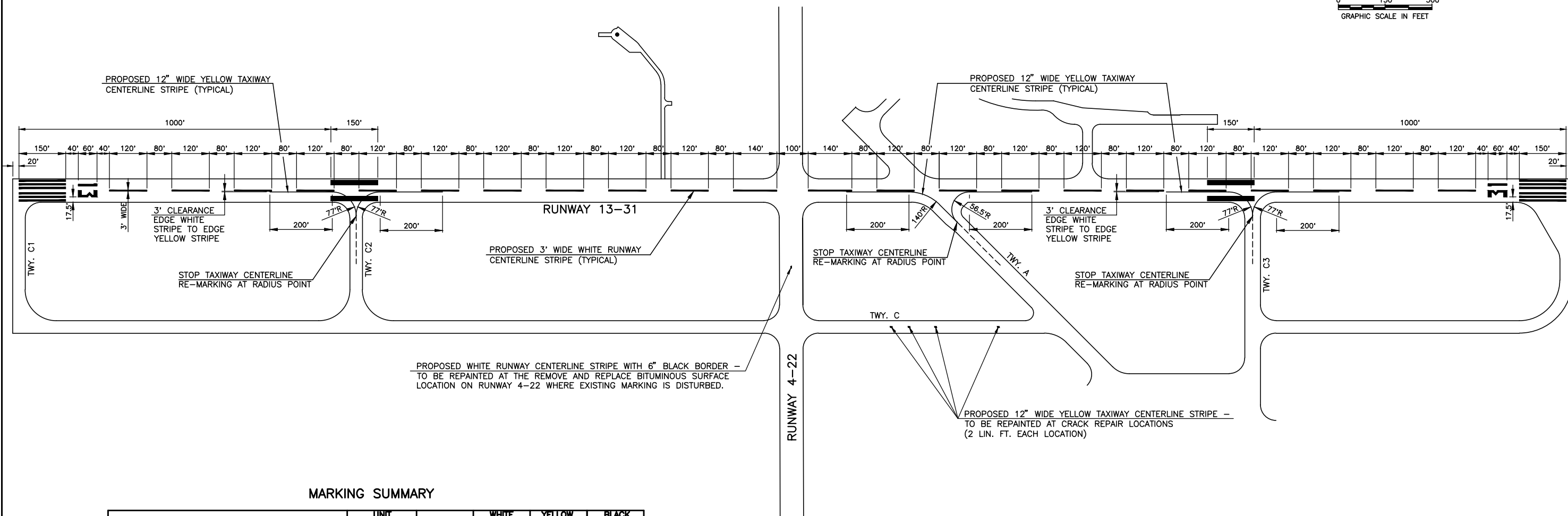
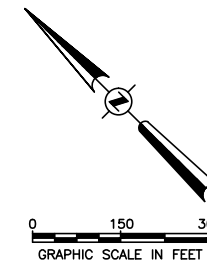
PROPOSED 2' WIDE SURFACE COURSE CRACK REPAIR  
OVER CENTER PAVING JOINT OF RUNWAY AT  
LOCATIONS DESIGNATED BY THE RESIDENT ENGINEER.  
SEE SPECIAL DETAIL ON SHEET NO. 3

**DETAIL B**  
PLAN VIEW  
NOT TO SCALE

**GENERAL NOTES**

1. OPEN PAVING JOINTS AND/OR CRACKS IN THE EXISTING SURFACE OF THE PAVEMENTS DESIGNATED IN THESE PLANS TO BE SEALED/REPAIRED SHALL BE MARKED BY THE RESIDENT ENGINEER IN THE FIELD TO BE REPAIRED PRIOR TO WORK PROCEEDING. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS FOR THE DESIGNATED TYPE OF CRACK REPAIR.
2. THE QUANTITIES FOR BITUMINOUS CRACK SEALING HAVE BEEN ESTIMATED BY MEASURING CRACK SEALING IN SELECTED REPRESENTATIVE LOCATIONS ON THE PAVEMENT. THESE QUANTITIES MAY BE INCREASED OR REDUCED AT THE TIME OF CONSTRUCTION BASED UPON THE CRACK WORK THAT IS MARKED OUT BY THE RESIDENT ENGINEER DURING FIELD INSPECTION OF THE PAVEMENT CRACKS AT THE TIME OF CONSTRUCTION.

JACKSONVILLE MUNICIPAL AIRPORT JACKSONVILLE, ILLINOIS	
<b>RUNWAY 13-31 CRACK REPAIR AND SEALING PLAN</b>	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R. DATE : APRIL, 2013	ILL. PROJ. NO. IJX-4120 AIP PROJ. NO. 3-17-0054-B18



PROPOSED WHITE RUNWAY CENTERLINE STRIPE WITH 6" BLACK BORDER - TO BE REPAINTED AT THE REMOVE AND REPLACE BITUMINOUS SURFACE LOCATION ON RUNWAY 4-22 WHERE EXISTING MARKING IS DISTURBED.

PROPOSED 12" WIDE YELLOW TAXIWAY CENTERLINE STRIPE - TO BE REPAINTED AT CRACK REPAIR LOCATIONS (2 LIN. FT. EACH LOCATION)

**MARKING SUMMARY**

DESCRIPTION	UNIT AREA SQ. FT.	NUMBER REQ'D	WHITE	YELLOW	BLACK
			PAINT SQ. FT.	PAINT SQ. FT.	PAINT SQ. FT.
NUMERAL "1"	320-WHITE 67-BLACK	2	640		134
NUMERAL "3"	700-WHITE 94-BLACK	2	1,400		188
AIMING POINT MARKING	4,500-WHITE 332-BLACK	2	9,000		664
THRESHOLD MARKING	5,175-WHITE 940.5-BLACK	2	10,350		1,881
RUNWAY CENTERLINE STRIPES (120' LONG)	360-WHITE 124-BLACK	20	7,200		2,480
RUNWAY CENTERLINE STRIPE (140' LONG)	420-WHITE 144-BLACK	2	840		288
TAXIWAY CENTERLINE STRIPES (ON RUNWAY 13-31)				1,938	
TAXIWAY CENTERLINE STRIPE (ON TAXIWAY C)		2		8	
RUNWAY 4-22 CENTERLINE RE-MARKING	11-WHITE 5-BLACK	1	11		5
<b>TOTALS</b>			<b>29,441</b>	<b>1,946</b>	<b>5,640</b>

**NOTES**

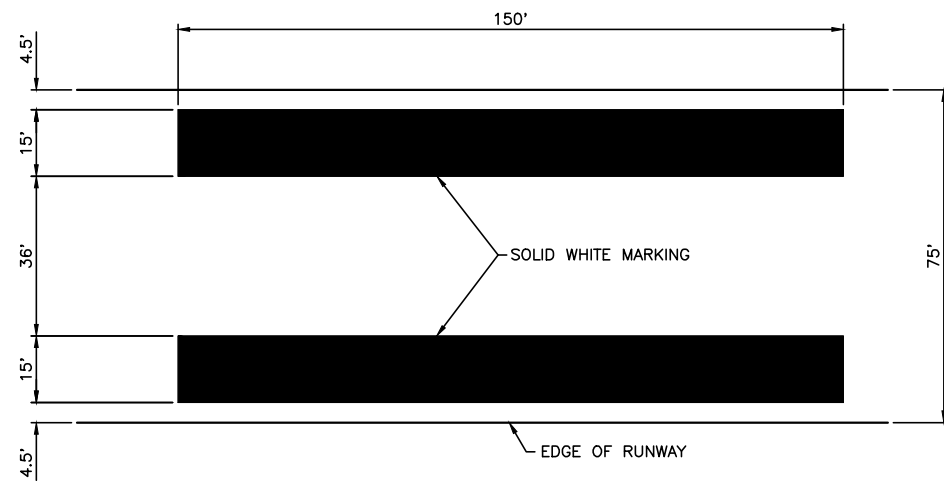
1. ALL RUNWAY MARKING SHALL BE SOLID AND WHITE IN COLOR. THE RUNWAY MARKING SHALL BE OUTLINED WITH A SIX INCH WIDE BLACK BORDER. THE WHITE RUNWAY MARKING WILL BE APPLIED OVER THE EXISTING RUNWAY MARKING.
2. ALL TAXIWAY MARKING SHALL BE SOLID MARKING AND YELLOW IN COLOR. THE TAXIWAY MARKING WILL BE APPLIED OVER THE EXISTING TAXIWAY MARKING.
3. 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.
4. 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 MARKING LAYOUT**

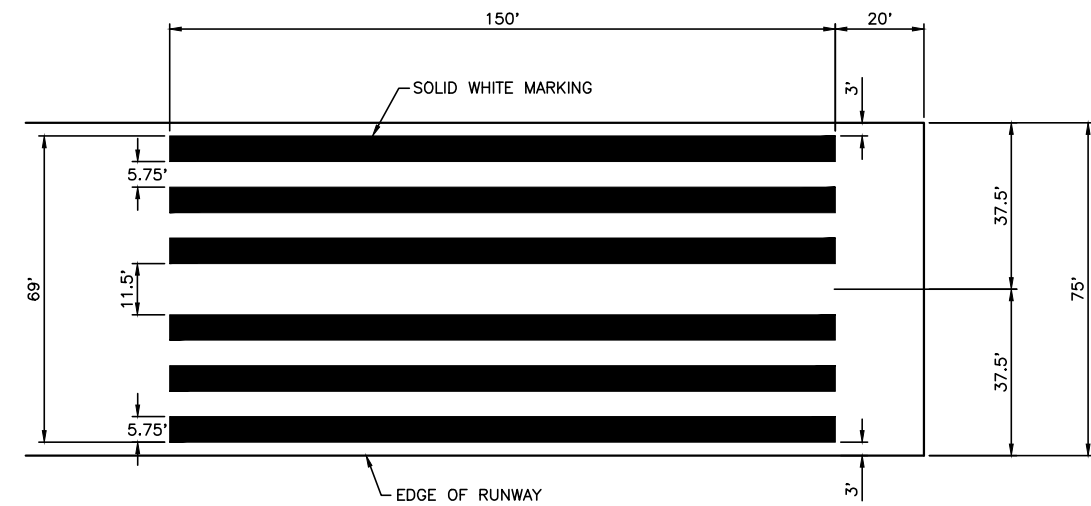
HUTCHISON ENGINEERING, INC.  
JACKSONVILLE, ILLINOIS

DRAWN BY: R.L.R. ILL. PROJ. NO. IJX-4120  
DATE: APRIL, 2013 AIP PROJ. NO. 3-17-0054-B18



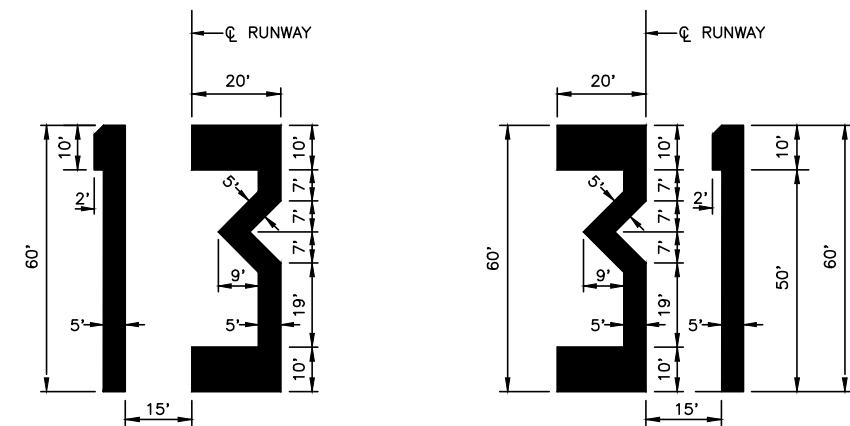
**AIMING POINT MARKING DETAIL**  
NOT TO SCALE

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.



**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	
<b>MARKING DETAILS</b>	
HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS	
DRAWN BY: R.L.R. DATE: APRIL, 2013	ILL. PROJ. NO. IJX-4120 AIP PROJ. NO. 3-17-0054-818