

SCOPE OF WORK

THIS PROJECT CONSISTS OF THE FOLLOWING:

RECONSTRUCTION OF APPROXIMATELY 2000 FEET x 50 FEET OF BITUMINOUS PAVEMENT ON TAXIWAY "A" AND RECONSTRUCTION OF AN ADJACENT GENERAL AVIATION APRON.

PROPOSED SAFETY PLAN

ANY TIME THE CONTRACTOR IS WORKING WITHIN 200' OF THE RUNWAY CENTERLINE, THE RUNWAY WILL BE CLOSED. THE CONTRACTOR WILL SMOOTH GRADE ALL AREAS WITHIN THE SAFETY AREA TO THE SATISFACTION OF THE RESIDENT ENGINEER PRIOR TO REOPENING THE RUNWAY. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE DECATUR AIRPORT IS TOWER CONTROLLED FROM 6 A.M. TO 10 P.M. AND IS COMPRISED OF THREE (3) RUNWAYS. THE PROPOSED CONSTRUCTION MAY AFFECT RUNWAY 12-30 AND 18-36. THE SAFETY PLAN AS OUTLINED HERE AND IN THE SPECIAL PROVISIONS WILL MAXIMIZE SAFETY AND ALLOW MINIMUM RUNWAY CLOSURE TIME.

THE CLOSURE OF A RUNWAY WILL REQUIRE THE FOLLOWING:

- 1) PROVIDING THE SPECIFIED ADVANCE NOTIFICATION TO THE AIRPORT DIRECTOR.
- 2) CONFIRMING THE ISSUANCE OF THE NOTAM WITH AIRPORT DIRECTOR AND CONTROL TOWER PRIOR TO STARTING THE ACTUAL CLOSURE.
- 3) PLACING THE 10 FT. X 60 FT. CROSSES OR PORTABLE RUNWAY CLOSURE MARKERS PROVIDED BY THE AIRPORT AT THE RUNWAY END OR ON THE NUMBERS AS THE SITUATION DICTATES.
- 4) MAINTENANCE OF THE CROSSES DURING THE CLOSING PERIOD.
- 5) THE NORTHERN PORTION OF TAXIWAY "A" WILL BE CLOSED FOR THE DURATION OF THE PROJECT.

RADIO CONTROL:

THE CONTRACTOR WILL BE REQUIRED TO HAVE A TWO-WAY RADIO, CAPABLE OF BEING IN CONTACT WITH THE CONTROL TOWER, GROUND CONTROL CHANNEL (121.75 MHZ). THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE CONTROL TOWER, THUS KEEPING THE CONTROL TOWER INFORMED ON HIS CONSTRUCTION ACTIVITIES AND ENABLE THE CONTROL TOWER TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE SOME ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

BARRICADES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND BARRIERS AT THE LOCATIONS SHOWN ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER.

THE BARRICADES WILL BE I.D.O.T. TYPE 1, EQUIPPED WITH RED CONTINUOUS OR FLASHING LIGHTS AND EXTENDED 18 INCH SQUARE ORANGE FLAG.

PAYMENT FOR BARRICADES, THEIR PLACEMENT AND REMOVALS AS RUNWAYS AND TAXIWAYS ARE OPENED AND CLOSED, MAINTENANCE, AND REPAIRS WILL BE MADE BY ITEM: AR150530 "TRAFFIC MAINTENANCE" - PER LUMP SUM.

HAUL ROUTE AND EQUIPMENT PARKING

THE HAUL ROUTE AND EQUIPMENT PARKING WILL BE AS SHOWN ON THIS SHEET. SEE SHEET 5 FOR DETAILS.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI-TRACTOR AND TRAILER IN THE UP POSITION.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA AS SHOWN ON THIS SHEET. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.

THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREAS. ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

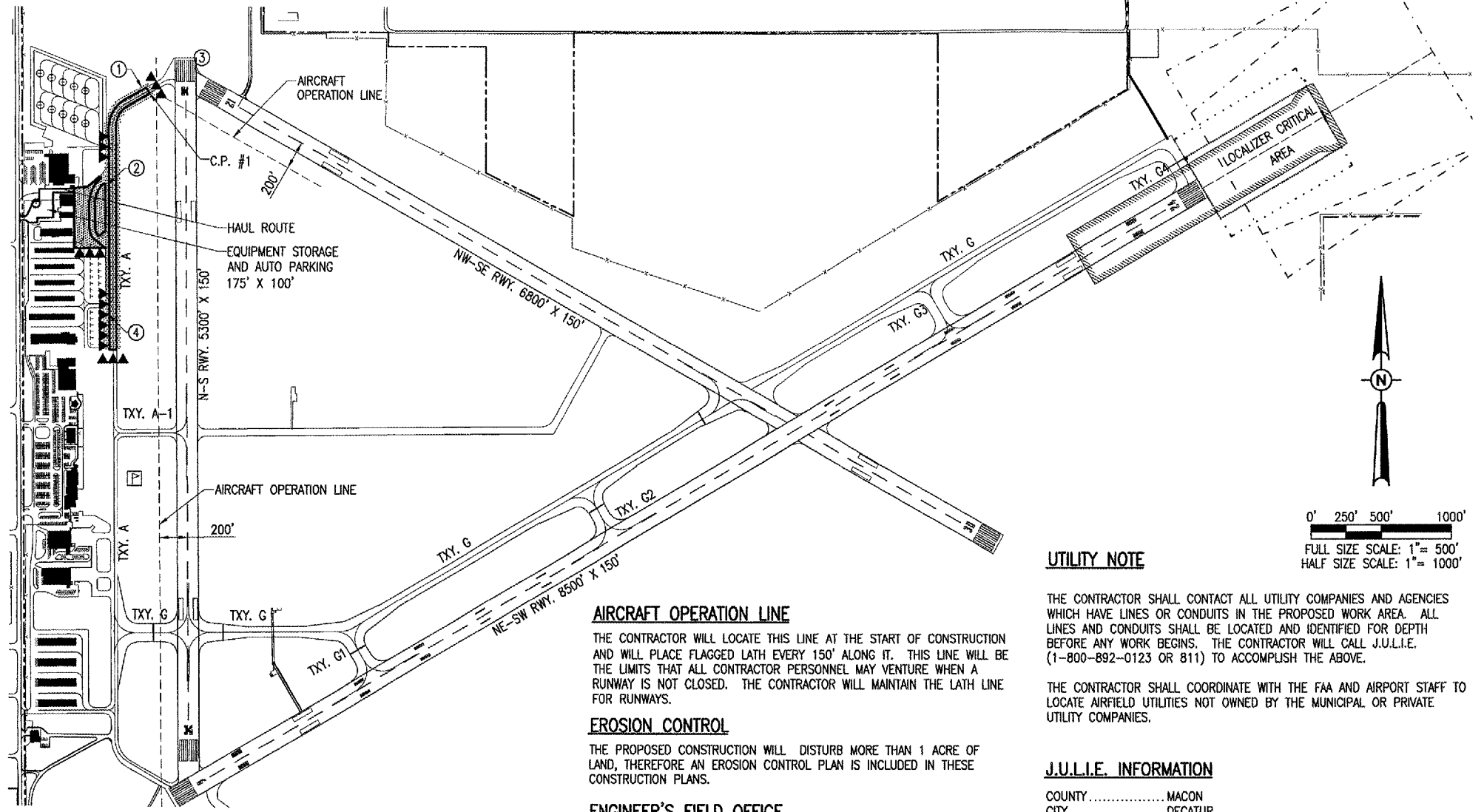
THE CONTRACTOR WILL FURNISH ALL OF HIS EMPLOYEES WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THEM AS BEING PART OF THE CONSTRUCTION CREW.

WHEN THE CONTRACTOR'S VEHICLES ARE ON THE AIRPORT SITE THEY SHALL BE PROPERLY MARKED. THE MARKING SHALL CONSIST OF A THREE (3') FOOT SQUARE FLAG CONSISTING OF A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE SQUARES OF NOT LESS THAN ONE (1') FOOT ON EACH SIDE DISPLAYED IN FULL VIEW ABOVE THE VEHICLE.

BENCHMARK DATA		
NO.	DESCRIPTION	ELEV.
1	BM#6: CHISELED SQUARE ON SOUTHEAST CORNER OF CONCRETE FOUNDATION OF TAXIWAY SIGN	676.13
2	CB-51: CHISELED SQUARE ON SOUTH SIDE OF CONCRETE LID OF DROP INLET, NORTH END OF GRASS MEDIAN	672.91
3	TP#41: USGS BRASS DISK STAMPED 'AP STA A 1965', STA. 171+57, 111' RT RUNWAY 18-36	676.19
4	CB-53: CHISELED SQUARE ON NORTHWEST CORNER OF CONCRETE LID OF DROP INLET IN APRON	676.22

CRITICAL AIRCRAFT DATA			
RUNWAY	EXISTING	FUTURE	APPROACH SPEEDS
18/36	C-II (FALCON 50)	C-II (FALCON 50)	121 - 141 KNOTS
12/30	C-IV (757)	C-IV (757)	
6/24	C-IV (757)	C-IV (757)	

CRITICAL POINT DATA	
C.P. #1	
LATITUDE	39° 50' 26.6932"
LONGITUDE	88° 52' 30.9630"
ELEVATION	976.52



MARKER NOTE

WHEN CLOSING A RUNWAY, MARKINGS WILL BE PLACED AT EACH END OF OF THE RUNWAY AS SHOWN ON THIS SHEET AND SECURED IN A MANNER APPROVED BY THE RESIDENT ENGINEER. THE PROPOSED MARKINGS WILL BE PLACED EACH DAY THE RUNWAY WILL BE CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR PLACEMENT AND REMOVAL OF THE MARKINGS.

THE MARKINGS WILL BE DETAILED ON THIS SHEET AND BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE RESIDENT ENGINEER.

AS A SUBSTITUTE FOR THE FIELD CONSTRUCTED MARKERS, THE DECATUR AIRPORT WILL MAKE AVAILABLE TWO LIGHTED RUNWAY CLOSURE MARKERS FOR CLOSING OF A RUNWAY. THE MARKERS ARE MANUFACTURED BY AN FAA APPROVED SOURCE. THE MARKERS WILL BE PROVIDED TO THE CONTRACTOR AT NO COST, BUT PLACING THEM TO OPEN AND CLOSE A RUNWAY, AND MAINTAINING THEM WILL BE THE CONTRACTORS RESPONSIBILITY.

AT THE END OF THE PROJECT, THE CONTRACTOR WILL TURN OVER TO THE AIRPORT THE CLOSURE MARKERS. THE MARKERS WILL BE RETURNED IN THE SAME CONDITION AS THE CONTRACTOR RECEIVED THEM. ANY REPAIRS BY THE AIRPORT TO RESTORE THE MARKERS WILL BE PAID FOR BY THE CONTRACTOR.

THE COST OF PLACING, REMOVING AND MAINTAINING THE MARKERS WILL BE PAID FOR UNDER ITEM: AR150530 "TRAFFIC MAINTENANCE" - PER LUMP SUM.

AIRCRAFT OPERATION LINE

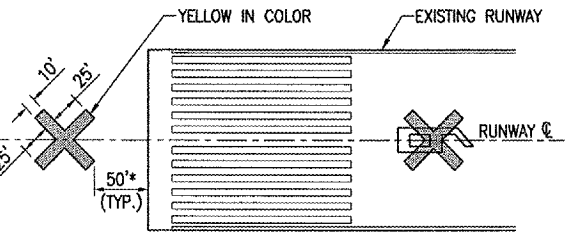
THE CONTRACTOR WILL LOCATE THIS LINE AT THE START OF CONSTRUCTION AND WILL PLACE FLAGGED LATH EVERY 150' ALONG IT. THIS LINE WILL BE THE LIMITS THAT ALL CONTRACTOR PERSONNEL MAY VENTURE WHEN A RUNWAY IS NOT CLOSED. THE CONTRACTOR WILL MAINTAIN THE LATH LINE FOR RUNWAYS.

EROSION CONTROL

THE PROPOSED CONSTRUCTION WILL DISTURB MORE THAN 1 ACRE OF LAND, THEREFORE AN EROSION CONTROL PLAN IS INCLUDED IN THESE CONSTRUCTION PLANS.

ENGINEER'S FIELD OFFICE

THE EXACT LOCATION OF THE PROPOSED CONSTRUCTION TRAILER WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.



* UNLESS OTHERWISE NOTED
DETAIL OF RUNWAY CLOSURE MARKER
"NOT TO SCALE"

UTILITY NOTE

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY WORK BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123 OR 811) TO ACCOMPLISH THE ABOVE.

THE CONTRACTOR SHALL COORDINATE WITH THE FAA AND AIRPORT STAFF TO LOCATE AIRFIELD UTILITIES NOT OWNED BY THE MUNICIPAL OR PRIVATE UTILITY COMPANIES.

J.U.L.I.E. INFORMATION

COUNTY.....MACON
CITY.....DECATUR
TOWNSHIP.....LONG CREEK
SECTION NO.....20 & 21
ADDRESS.....DECATUR AIRPORT
AIRPORT ROAD
DECATUR, ILLINOIS 62524

LEGEND

- [Symbol] EXISTING IMPROVEMENTS
- [Symbol] EXISTING BUILDING
- [Symbol] PROPOSED CONSTRUCTION IMPROVEMENTS
- [Symbol] PROPOSED EQUIPMENT/VEHICLE PARKING AREA & HAUL ROUTE
- [Symbol] EXISTING AIRPORT PROPERTY LINE
- ① BENCHMARK
- [Symbol] LIGHTED BARRICADES (PLACED WHEN REQUIRED)

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DATE	REVISION						
BY	DATE	NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE

DECATUR, ILLINOIS

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

Proj. No. 07A0169D_0802	Date 04/18/08	MLH	JDW	03/19/08
Drawn R-003SAF.DWG	Scale 1" = 500'	MLH		04/14/08
Layout	Date	MLH		04/17/08

RECONSTRUCT TAXIWAY "A" AND ADJACENT GA APRON

PROPOSED SAFETY PLAN

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3 of 26 sheets