

**SCOPE OF WORK**

THIS PROJECT CONSISTS OF WIDENING THE PAVEMENT AND REPLACING THE M.I.R.L. SYSTEM ON RUNWAY 11/29. ASSOCIATED WORK ITEMS SHALL CONSIST OF 6" P.C.C. PAVEMENT, UNCLASSIFIED EXCAVATION, AGGREGATE BASE COURSE, INSTALLING UNDERDRAIN SYSTEM, REMOVE AND REPLACE M.I.R.L.'S, PAVEMENT MARKING, SEEDING AND MULCHING.

**AIRPORT SECURITY NOTE**

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

**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 EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL UNDERGROUND NON-JULIE UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UNDERGROUND IMPROVEMENTS WILL BE LOCATED AT THE CONTRACTOR'S OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

**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-TRAILER TRUCK.

**HAUL ROUTE AND VEHICLE PARKING**

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTES AND PARKING AREAS AS SHOWN ON THIS SHEET. THE WEST HAUL ROUTE WILL REQUIRE THE INSTALLATION OF A CULVERT (SIZE APPROVED BY COUNTY ENGINEER) AND A GATE. THE EAST HAUL ROUTE ALREADY HAS AN ACCESS. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. THE CONTRACTOR WILL NOT BE ALLOWED TO CONTINUOUSLY HAUL ACROSS THE N-S RUNWAY. ANY AREAS DAMAGED OUTSIDE OF THE HAUL ROUTE/PARKING AREA WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL REMOVE BASE MATERIAL, GRADE, FERTILIZE, SEED AND MULCH THE HAUL ROUTE AND PARKING AREA AS NEEDED TO RESTORE IT TO ITS' ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ALL CONTRACTOR'S EQUIPMENT MUST BE REMOVED FROM THE AIRPORT PRIOR TO OPENING RUNWAY 11-29 AND HAVING THE LOCALIZER TURNED ON.

**CONTRACTOR RESPONSIBILITIES**

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

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

THE CONTRACTOR SHALL KEEP ONE RUNWAY OPEN AT ALL TIMES AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS. WHEN WORK IS PERFORMED OUTSIDE THE NORTH-SOUTH RUNWAY OPERATION AREA, THE RUNWAY WILL BE OPEN.

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE RUNWAY CLOSURE.

NO EQUIPMENT WILL BE PARKED OVERNIGHT ON A CLOSED RUNWAY UNLESS APPROVED BY THE AIRPORT MANAGER.

**BARRICADES AND TRAFFIC CONES**

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR RED STEADY-BURN LIGHTS AND 20" SQUARE ORANGE FLAGS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ONLY TRAFFIC CONES WILL BE ALLOWED ON ANY RUNWAY PAVEMENTS.

**LEGEND**

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- PROPOSED BENCHMARK
- PROPOSED BARRICADES OR TRAFFIC CONES

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

BENCHMARK DATA				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
1	NGS "EFFPORT" STAINLESS STEEL ROD	876,337.801	925,883.972	582.49'
2	NGS "EFFPORT" STAINLESS STEEL ROD	875,675.083	927,403.529	
3	CHISELED "X" ON SW BASE BOLT AIRPORT BEACON			584.84

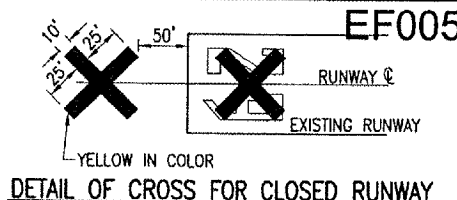
**J.U.L.I.E. INFORMATION**

COUNTY: EFFINGHAM  
 CITY: EFFINGHAM  
 TOWNSHIP: WATSON  
 SECTION NO.: 8 & 9  
 ADDRESS: EFFINGHAM COUNTY MEMORIAL AIRPORT  
 EFFINGHAM, ILLINOIS 62401

**CRITICAL POINT DATA**

**CRITICAL POINT NO. 1**  
 LATITUDE: 39° 04' 16.97"  
 LONGITUDE: 88° 32' 04.80"  
 ELEVATION: 578.98 M.S.L.

**CRITICAL POINT NO. 2**  
 LATITUDE: 39° 04' 15.43"  
 LONGITUDE: 88° 32' 00.13"  
 ELEVATION: 576.95 M.S.L.



**NOTE:**

COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE AIRPORT MANAGER. THE CROSSES WILL BE PLACED OVER THE NUMERALS AND SECURED IN A MANNER APPROVED BY THE MANAGER. THE PROPOSED CROSSES WILL BE IN PLACE EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT, REMOVAL AND MAINTENANCE OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**CERTIFIED PAYROLLS**

THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

**MATERIAL CERTIFICATION**

COMPLETED WORK CANNOT BE PLACED ON A CONSTRUCTION REPORT UNTIL ALL MATERIAL CERTIFICATIONS FOR THAT PAY ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER.

**PROPOSED SAFETY PLAN**

GENERAL - THE EFFINGHAM COUNTY MEMORIAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING BOTH RUNWAYS. ANY TIME THE CONTRACTOR IS WORKING WITHIN 200' OF THE RUNWAY CENTERLINE THE RUNWAY WILL BE CLOSED. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ANY OPENING AND/OR CLOSING OF RUNWAYS WILL BE IN COOPERATION WITH THE AIRPORT MANAGER.

IDENTIFICATION - WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.8 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE EFFINGHAM COUNTY MEMORIAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

**150-ENGINEER'S FIELD OFFICE NOTES**

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE FURNISHED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH ITEM AR150510 "ENGINEER'S FIELD OFFICE" AS STATED ON PAGE 168 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

THE ENGINEERING FIRM WILL MAKE PAYMENT FOR ALL LONG DISTANCE TELEPHONE CALLS IN EXCESS OF ONE HUNDRED DOLLARS (\$100.00) PER MONTH.

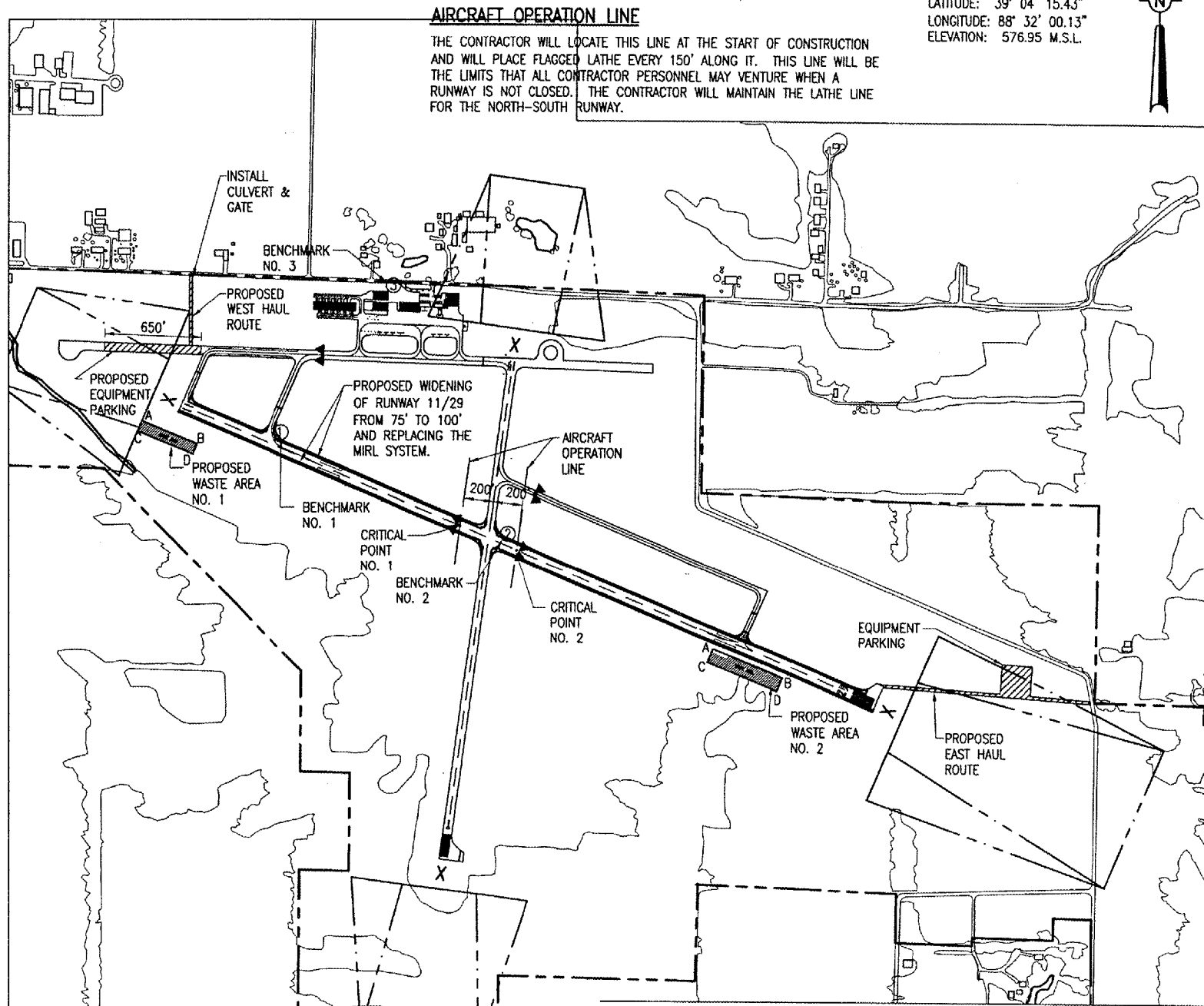
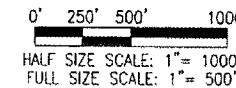
THE CONTRACTOR WILL FURNISH A CELL PHONE TO THE RESIDENT ENGINEER FOR HIS EXCLUSIVE USE FOR THE DURATION OF THIS PROJECT. THE RESIDENT ENGINEER WILL USE THIS PHONE FOR PROJECT BUSINESS ONLY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CHARGES ASSOCIATED WITH THIS CELL PHONE.

THE PROPOSED ENGINEER'S FIELD OFFICE INCLUDING THE CELL PHONE WILL BE PAID FOR UNDER ITEMS:

AR150510 ENGINEER'S FIELD OFFICE 1 L.S.

**EROSION CONTROL**

THIS PROJECT WILL DISTURB MORE THAN 1 ACRE OF LAND, THEREFORE A N.P.D.E.S. PERMIT WILL BE REQUIRED.



PROPOSED WASTE AREA NO. 1				
CORNER	LATITUDE	LONGITUDE	ELEVATION	
A	39° 04' 23.85"	88° 32' 32.05"	579.2	
B	39° 04' 22.30"	88° 32' 27.38"	582.2	
C	39° 04' 23.16"	88° 32' 32.42"	577.4	
D	39° 04' 21.62"	88° 32' 27.75"	578.4	

PROPOSED WASTE AREA NO. 2				
CORNER	LATITUDE	LONGITUDE	ELEVATION	
A	39° 04' 08.85"	88° 31' 43.06"	572.0	
B	39° 04' 06.92"	88° 31' 37.23"	569.5	
C	39° 04' 07.74"	88° 31' 43.56"	570.6	
D	39° 04' 06.01"	88° 31' 37.72"	568.2	

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DATE	REVISION	BY					

A.I.P. PROJ.: 3-17-0040-B11  
 I.L. PROJ.: 1H2-3761

**EFFINGHAM COUNTY  
 MEMORIAL AIRPORT  
 EFFINGHAM, ILLINOIS**

HEL. FIGURE NO. 07A0143D.0800	ELEMENT: R-003SEY.DWG	SCALE: 1" = 500'	DATE: 02/12/08	LAYOUT: KOM 11/28/07	DRAWN: BAK 11/28/07	REVIEWED: CAH 02/12/08
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**HANSON**  
 Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62705-2886  
 Offices Nationwide

**WIDEN RUNWAY 11/29  
 AND REPLACE M.I.R.L'S**

**PROPOSED  
 SAFETY  
 PLAN**

**3**

3 of 78 sheets