

**SCOPE OF WORK**

BASE BID: CONSISTS OF APPLYING A POROUS FRICTION COURSE OVERLAY (0.10 FT) TO RUNWAY 15-33. ASSOCIATED WORK INCLUDES REMOVAL AND REPLACEMENT OF BITUMINOUS PAVEMENT, CRACK CLEANING AND SEALING, PAVEMENT MARKING, TOPSOILING, SEEDING, MULCHING, AND A LIGHTED WIND CONE AND ASSOCIATED CABLE IN UNIT DUCT INSTALLATION.

ADDITIVE ALTERNATE 1: CONSISTS OF THE INSTALLATION OF ELECTRICAL EQUIPMENT IN THE FBO HANGAR BUILDING, INCLUDING GROUNDING UPGRADES AND ADDITION OF SURGE PROTECTION.

ADDITIVE ALTERNATE 2: CONSISTS OF THE INSTALLATION OF ELECTRICAL EQUIPMENT TO FENCE GATES AND IN THE TERMINAL BUILDING, INCLUDING GROUNDING UPGRADES AND ADDITION OF SURGE PROTECTION.

**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.

**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 EXISTING DESIGNATED PAVED/TURF HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE PROPOSED PARKING AREA WILL BE 150' X 200'. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL GRADE, FERTILIZE, SEED AND MULCH ALL DISTURBED AREAS AND PARKING AREAS (WHERE APPLICABLE) AS NEEDED TO RESTORE IT TO ITS ORIGINAL STATE. MAINTENANCE OF THE HAUL ROUTE AND RESTORATION OF THE PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SEE ITEM AR150540 - HAUL ROUTE IN THE SPECIAL PROVISIONS FOR ADDITIONAL CLARIFICATION.

**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 WILL BE REQUIRED TO LIMIT THE USE OF CONSTRUCTION EQUIPMENT ON ANY EXISTING PAVEMENTS. ONLY THAT EQUIPMENT NEEDED TO COMPLETE THE SPECIFIC WORK ON EXISTING PAVEMENTS WILL BE ALLOWED. NO EXCESSIVE TRAFFIC ACROSS THESE PAVEMENTS WILL BE PERMITTED. ANY DAMAGE TO THE EXISTING PAVEMENTS WILL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.

THE CONTRACTOR SHALL KEEP RUNWAY 5-23 OPEN AT ALL TIMES OTHER THAN WHEN WORKING WITHIN 200' OF THE RUNWAY 5-23 CENTERLINE AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS.

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

**FLAG PERSONS**

WHENEVER THE NE-SW (5-23) RUNWAY IS OPEN AND THE CONTRACTOR IS CONDUCTING CONTINUOUS HAULING OPERATIONS ACROSS THIS ACTIVE RUNWAY, THE CONTRACTOR WILL FURNISH TWO FLAG PERSONNEL TO CONTROL THE VEHICLES CROSSING RUNWAY 5-23. ALL VEHICLES MUST COME TO A COMPLETE HALT PRIOR TO BEING DIRECTED ACROSS THE ACTIVE RUNWAY BY THE FLAG PERSONNEL.

WHENEVER TAXIWAY "A" IS CAPABLE OF BEING UTILIZED, AND THE CONTRACTOR IS CONDUCTING CONTINUOUS HAULING OPERATIONS ON OR ACROSS THIS ACTIVE TAXIWAY, THE CONTRACTOR WILL FURNISH A SINGLE FLAG PERSON TO CONTROL THE VEHICLES UTILIZING TAXIWAY "A". ALL VEHICLES MUST COME TO A COMPLETE HALT PRIOR TO BEING DIRECTED ON TO OR ACROSS THE ACTIVE TAXIWAY BY THE FLAG PERSONNEL.

ALL FLAG PERSONNEL WILL BE EQUIPPED WITH A TWO-WAY RADIO (CHANNEL 123.0 MHz.) FOR MONITORING THE AIRPORT RADIO FREQUENCY. THEY ALSO SHALL BE IN CONTACT WITH EACH OTHER USING WALKIE-TALKIES, AND HAVE STOP AND GO SIGNS. THE FLAG PERSONNEL SHALL BE LOCATED AS SHOWN ON THIS SHEET.

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.

**UTILITY NOTE**

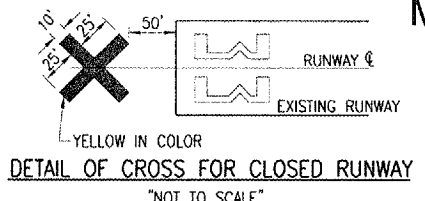
THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE. IT IS THE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

**CRITICAL POINT DATA**

CRITICAL POINT 1  
LATITUDE: 38° 19' 23.74"  
LONGITUDE: 88° 51' 34.49"  
ELEVATION: 468' M.S.L.

CRITICAL POINT 2  
LATITUDE: 38° 19' 20.26"  
LONGITUDE: 88° 51' 31.95"  
ELEVATION: 468' M.S.L.

BENCHMARK DATA		
NO.	DESCRIPTION	ELEVATION
1	BRASS DISC IN THE CENTER OF THE SIDEWALK ON THE NORTH SIDE OF TERMINAL BUILDING	463.65
2	BRASS DISC 100.4' SE OF RUNWAY END 5 CORNER, 29.4' SW OF SW EDGE OF TAXIWAY	463.57
3	BRASS DISC 82' E. OF THE N-S PAVED ROAD CL, 3' S. OF HOUSE DRIVEWAY CL	456.42

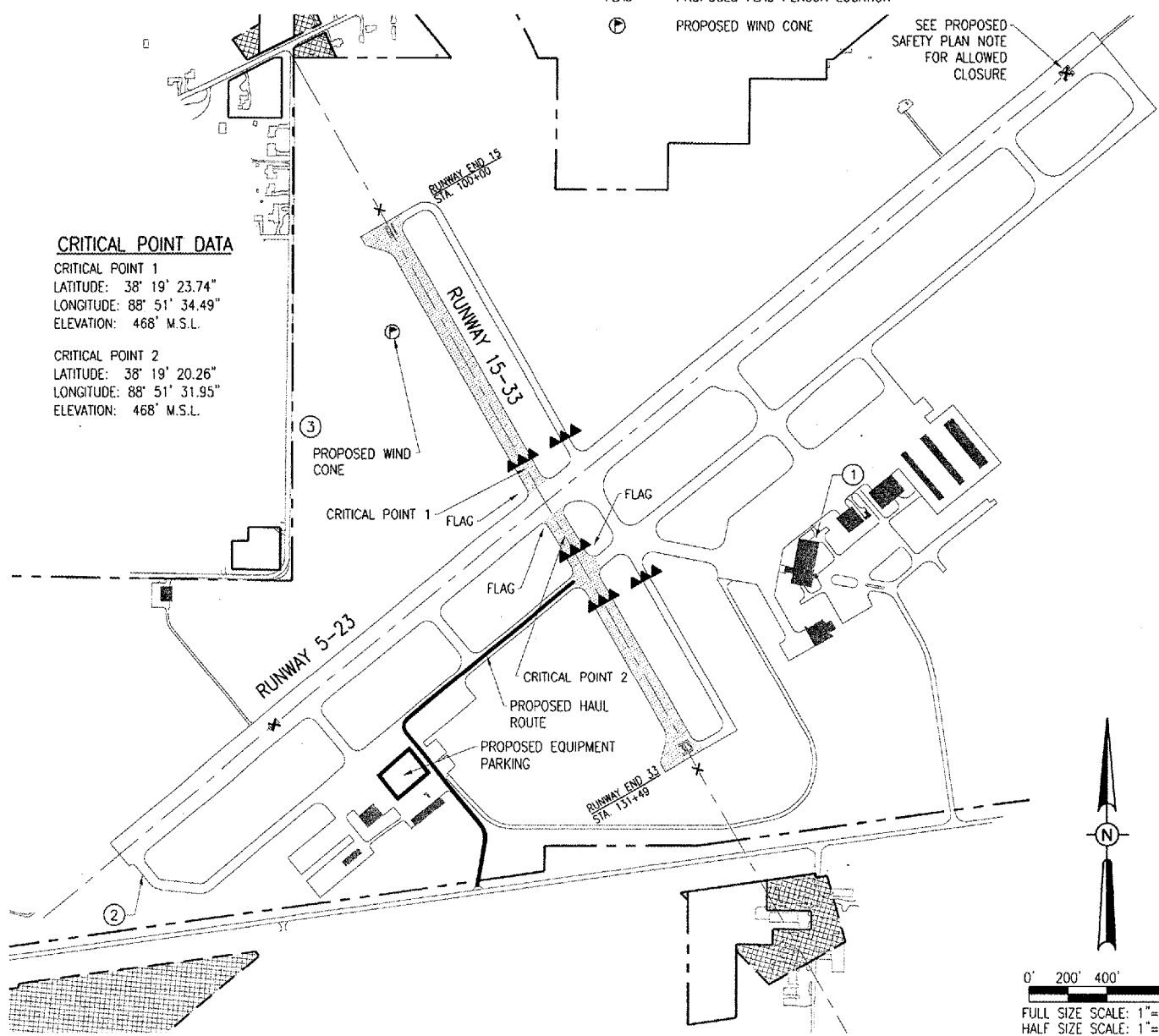


**EROSION CONTROL**

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.E.S. PERMIT WILL BE REQUIRED.

**LEGEND**

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- PROPOSED BENCHMARK
- PROPOSED BARRICADES OR TRAFFIC CONES
- PROPOSED FLAG PERSON LOCATION
- PROPOSED WIND CONE



**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 PLACED EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

COUNTY: JEFFERSON  
CITY: MT. VERNON  
TOWNSHIP: MT. VERNON  
SECTION NO.: 22, 23, 26 & 27  
ADDRESS: MT. VERNON AIRPORT AUTHORITY  
R.R. #4  
MT. VERNON, ILLINOIS 62864

**PROPOSED SAFETY PLAN**

GENERAL - THE MT. VERNON AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING BOTH RUNWAYS AT VARIOUS TIMES. ANY TIME THE CONTRACTOR IS WORKING WITHIN 200' OF THE RUNWAY CENTERLINE OR 100' OF A TAXIWAY CENTERLINE, THE RUNWAY OR TAXIWAY WILL BE CLOSED. RUNWAY 5-23 WILL BE CLOSED ONLY DURING THE CONSTRUCTION DAY. RUNWAY 15-33 WILL BE CLOSED FOR THE DURATION OF THE PROJECT. ALL WORK INCLUDED IN OPENING AND CLOSING A RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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 (123.00 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE MT. VERNON 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 PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS:  
AR150510 ENGINEER'S FIELD OFFICE \_\_\_\_\_ 1 L.S.

**AIRCRAFT OPERATION LINE**

THE CONTRACTOR WILL LOCATE THIS LINE 200' PARALLEL FROM EACH RUNWAY CENTERLINE WITHIN THE PROJECT AREA AT THE START OF CONSTRUCTION AND WILL PLACE FLAGGED LATHE 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 LATHE LINE FOR RUNWAYS 5-23 AND 15-33 FOR THE DURATION OF THE PROJECT.

**BARRICADES AND TRAFFIC CONES**

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE AIRPORT DIRECTOR. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR 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.

BY	
REVISION	
DATE	
<b>MT. VERNON, ILLINOIS</b>	
A.I.P. PROJ.: 3-17-0074-812 I.L. PROJ.: MVN-3539	
ILL. Project No.: 819-08RW0 Drawing No.: R-00357.DWG Scale: 1" = 400' Date: 08/16/05	08/16/05 08/16/05 08/16/05 08/16/05
	Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62705-2686 Offices Nationwide
RUNWAY 15-33 P.F.C. OVERLAY	PROPOSED SAFETY PLAN
<b>3</b>	
3 of 29 sheets	

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