

SCOPE OF WORK

BASE BID: INCLUDES REHABILITATION OF TAXIWAYS "C" AND "D" BY MILLING AND REPLACEMENT OF THE BITUMINOUS SURFACE. ASSOCIATED WORK INCLUDES CLEANING AND SEALING OF CRACKS, BITUMINOUS CRACK REPAIR, REMOVAL AND REPLACEMENT OF BITUMINOUS PAVEMENT, MARKING, AND SHOULDER ADJUSTMENT. ADDITIONALLY GROUNDING IMPROVEMENTS WILL BE INSTALLED IN THE AIRPORT'S ELECTRICAL VAULT.

ADDITIVE ALTERNATE NO. 1: INCLUDES THE INSTALLATION OF A LIGHTNING PROTECTION SYSTEM TO THE AIRPORT'S ELECTRICAL VAULT.

ADDITIVE ALTERNATE NO. 2: INCLUDES THE INSTALLATION OF ELECTRICAL EQUIPMENT TO FENCE GATES AND IN THE TERMINAL BUILDING, INCLUDING GROUNDING UPGRADES AND ADDITION OF SURGE PROTECTION.

ADDITIVE ALTERNATE NO. 3: INCLUDES THE PLACEMENT OF ENHANCED TAXIWAY CENTERLINE MARKING ON THE AIRPORTS TAXIWAY PAVEMENTS.

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 TURF AREAS DISTURBED OUTSIDE OF THE CONSTRUCTION LIMITS, INCLUDING AREAS WITHIN THE HAUL ROUTE OR EQUIPMENT PARKING AREA, TO RESTORE THEM TO THEIR ORIGINAL STATE IN ACCORDANCE TO ITEMS 901 AND 908, RESPECTIVELY. EXISTING PAVEMENTS WITHIN THE LIMITS OF THE HAUL ROUTE AND EQUIPMENT PARKING AREA SHALL ALSO BE REPAIRED TO THEIR ORIGINAL STATE. THE COST OF ALL REPAIRS, MAINTENANCE, AND RESTORATION OF THE HAUL ROUTE AND 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.

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

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 WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE 1 L.S.

CRITICAL POINT DATA			
NO.	LATITUDE	LONGITUDE	ELEVATION
CP 1	38° 19' 36.85"	88° 51' 41.20"	±477'
CP 2	38° 19' 10.31"	88° 51' 21.76"	±458'
CP 3	38° 19' 25.35"	88° 51' 32.05"	±467'
CP 4	38° 19' 21.87"	88° 51' 29.51"	±465'

FLAG PERSONS

WHENEVER THE NE-SW (5-23) RUNWAY IS OPEN AND THE CONTRACTOR IS CONDUCTING CONTINUOUS HAULING OPERATIONS ON TAXIWAY A, B, C, OR D, AND/OR CROSSING RUNWAY 5-23, THE CONTRACTOR WILL FURNISH TWO FLAG PERSONS TO CONTROL THE VEHICLES CROSSING RUNWAY 5-23 AND UTILIZING TAXIWAY A AND B. ALL VEHICLES MUST COME TO A COMPLETE HALT PRIOR TO BEING DIRECTED ACROSS THE INTERSECTION, OR ONTO THE ACTIVE TAXIWAY, BY THE FLAG PERSONNEL. THE AIRPORT WILL PROVIDE ONE FLAGPERSON (3RD OF 3) TO ASSIST IN TRAFFIC MAINTENANCE.

RUNWAY 15-33 WILL BE CLOSED ANY TIME HAULING OPERATIONS REQUIRE CROSSING RUNWAY 15-33.

THE FLAG PERSONS WILL BE EQUIPPED WITH TWO-WAY RADIOS (CHANNEL 123.0 MHz.) FOR MONITORING THE AIRPORT RADIO FREQUENCY AND BE FAMILIAR WITH THEIR USE. EACH SHALL ALSO BE EQUIPPED WITH A SECOND TWO-WAY RADIO FOR COMMUNICATION BETWEEN FLAGGERS. THE CONTRACTOR SHALL PROVIDE HIS RADIOS FOR AIRCRAFT MONITORING. THE AIRPORT SHALL PROVIDE THEIR OWN. THE CONTRACTOR SHALL PROVIDE ALL THREE OF THE SECOND SET OF RADIOS TO ENSURE COMPATIBILITY OF EACH USED FOR INTER-FLAGPERSON COMMUNICATION. EACH SHALL HAVE A STOP AND GO SIGN. THE CONTRACTOR SHALL PROVIDE THE STOP AND GO SIGN TO EQUIP THE AIRPORT PROVIDED FLAGGER. EACH FLAGPERSON SHALL BE LOCATED AS SHOWN ON THIS SHEET. THE FLAGGER SHOWN AS "2 OF 3" SHALL BE UTILIZED ON TAXIWAY B DURING HAULING OF MILLINGS TO THE WASTE AREA, AND UTILIZED ON TAXIWAY A (IN THE AREA OF THE MAINTENANCE BUILDING) DURING TIMES OF ACTIVE HAULING WHICH ACCESSES THE AIRPORT VIA THE CONSTRUCTION ENTRANCE AND HAUL ROUTE.

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.

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.

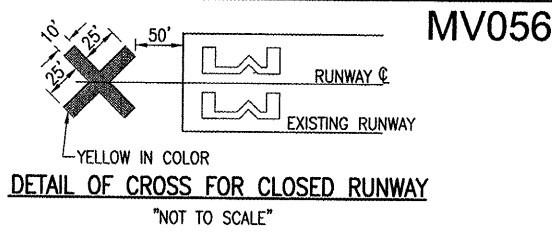
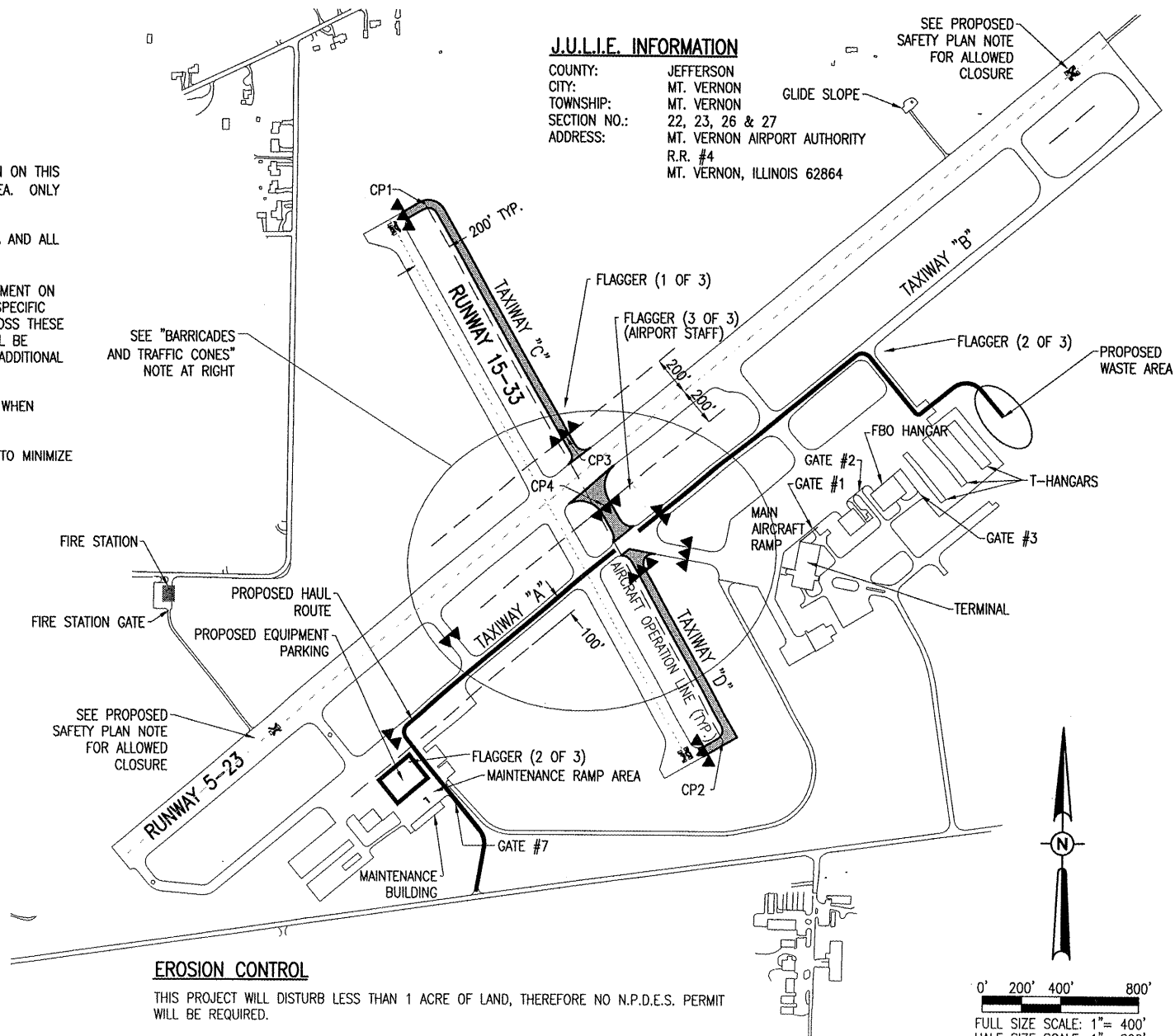
CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

LEGEND

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

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



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.

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 15-33 SHALL BE CLOSED WHEN CONTINUOUS HAULING OPERATIONS THAT CROSS RUNWAY 15-33 ARE NECESSARY. WHEN CONSTRUCTION ACTIVITY REQUIRES THE CLOSURE OF RUNWAY 5-23 CONSTRUCTION TRAFFIC SHALL BE CONTROLLED THROUGH USE OF FLAG PERSONNEL STATIONED AS SHOWN. CLOSURE OF EITHER RUNWAY WILL BE ONLY DURING THE CONSTRUCTION DAY AND SHALL BE MINIMIZED AT ALL TIMES. THE CLOSURE OF EACH TAXIWAY ADJACENT TO THE WORK AREA WILL BE NECESSARY AT SOME TIME THROUGHOUT THE PROJECT. CLOSURE OF TAXIWAYS A AND B SHALL BE MINIMIZED THROUGH THE USE OF THE FLAGGERS SHOWN. TAXIWAYS C AND D WILL BE ALLOWED TO REMAIN CLOSED THROUGHOUT THE PROJECT. THE REMAINING TAXIWAYS SHALL NOT BE CLOSED OVERNIGHT, AND ALL LENGTHS OF CLOSURE SHALL BE MINIMIZED. ALL PAVEMENTS THAT ARE OPEN SHALL BE BROOMED CLEAN OF ALL DEBRIS WITHIN THE WORK AREA. ALL WORK INCLUDED IN OPENING AND CLOSING A RUNWAY OR TAXIWAY, INCLUDING BARRICADES, LABOR, OTHER NECESSARY ITEMS SHALL BE INCLUDED IN ITEM AR150540 - TRAFFIC MAINTENANCE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TRAFFIC MAINTENANCE AND DEVICES NECESSARY TO COMPLETE THE WORK OF ADDITIVE ALTERNATE NO. 3 SHALL BE CONSIDERED INCIDENTAL TO ITEMS AU620520 AND AU620525, RESPECTIVELY. ALL WORK INCLUDED IN OPENING AND CLOSING A RUNWAY OR TAXIWAY TO COMPLETE THESE ITEMS, INCLUDING BARRICADES, TRAFFIC CONES, LABOR, AND OTHER NECESSARY ITEMS SHALL BE INCLUDED IN THESE ITEMS, 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.

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 REPRESENT 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 PAID FOR UNDER ITEM AR150540 - TRAFFIC MAINTENANCE, PER L.S., AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. BARRICADES ARE DEPICTED FOR EACH POINT OF ANTICIPATED CLOSURE DUE TO THE ANTICIPATED CONSTRUCTION STAGING. THE NUMBER OF BARRICADES REQUIRED WILL VARY BY THE LOCATION OF THE WORK AND THE DEPICTION IS NOT INTENDED TO SUGGEST BARRICADES WILL BE LOCATED AT THE POINTS SHOWN THROUGHOUT THE PROJECT.

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 SHALL 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.

MV056

BY		REVISION							
DATE									

MT. VERNON AIRPORT
MT. VERNON, ILLINOIS

A.I.P. PROJ.: 3-17-0074-B18
 I.L. PROJ.: MW-3818

Hanson Project No. 08A0003D	Revision R-003SFY.DWG	Date 06/16/08	RAW 06/24/08	CAH 06/25/08
Estimate R-003SFY	Scale 1" = 400'		RAW 06/24/08	CAH 06/25/08
LAYOUT			RAW 06/24/08	CAH 06/25/08
DRAWN				
REVIEWED				

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

REHABILITATE TAXIWAYS "C" AND "D"	INSTALL ELECTRICAL EQUIPMENT	PROPOSED SAFETY PLAN
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3 of 30 sheets

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