# ADDITIVE ALTERNATE NO. 1

UPGRADE MEDIUM INTENSITY TAXIWAY LIGHTS TO TYPE L-861T(L) WITH LED (LIGHT EMITTING DIODE) ILLUMINATION.

#### ADDITIVE ALTERNATE NO. 2

PROVIDE WEED CONTROL RINGS FOR AIRFIELD LIGHT FIXTURES.

### 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 70 FEET, WHICH IS EXPECTED TO BE A CRANE AND/OR A BUCKET TRUCK TO WORK ON THE BEACON AND TOWER. THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT AT ALL OTHER LOCATIONS WILL BE 25 FEET, WHICH IS EXPECTED TO BE A CONCRETE TRUCK OR LINE TRUCK. THE CRANE OR BUCKET TRUCK SHALL BE USED DURING THE DAYLIGHT HOURS AND VER CONDITIONS ONLY AND SHALL BE LOWERED WHEN NOT IN USE, DURING THE HOURS BETWEEN SUNSET AND SUNRISE, AND/OR DURING IFR WEATHER CONDITIONS. WHEN IN USE, THE CRANE OR BUCKET TRUCK SHALL BE MARKED WITH THE 3' SQUARE CHECKERED FLAG.

## HAUL ROUTE AND VEHICLE PARKING

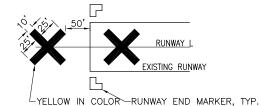
THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL RESTORE THE HAUL ROUTE AND PARKING AREA 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.

IF THE CONTRACTOR NEEDS MATERIAL STORAGE SPACE WITHIN THE FENCED IN PORTION OF THE AIRPORT, THEN A LOCATION WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING. THIS AREA WILL BE RESTORED TO IT'S ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE PROJECT.

# **CONTRACTOR RESPONSIBILITIES**

THE CONTRACTOR'S EQUIPMENT PARKING WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR PERSONAL 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.



DETAIL OF CROSS FOR CLOSED RUNWAY

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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.

## CRITICAL POINT DATA

POINT NO. 1

LATITUDE: 39' 24' 27 42931' LONGITUDE: 88° 50' 49.93958' FLEVATION: 617.65 M.S.L.

POINT NO. 2 LATITUDE: 39' 24' 27.44012" LONGITUDE: 88° 50' 47.49167" FLEVATION: 616 13 M S I

LATITUDE: 39° 24' 27.44900" LONGITUDE: 88° 50' 45.47772' ELEVATION: 615.90 M.S.L.

POINT NO. 4 LATITUDE: 39' 24' 25.39684" LONGITUDE: 88° 50' 41.51742" ELEVATION: 613.58 M.S.L.

POINT NO. 5

LATITUDE: 39° 24' 29.46568" LONGITUDE: 88° 50' 43.28995 ELEVATION: 615.02 M.S.L.

POINT NO. 6

LATITUDE: 39' 24' 30.54944" LONGITUDE: 88° 50' 44.13797" ELEVATION: 615.75 M.S.L.

POINT NO. 7

LATITUDE: 39° 24′ 43.06477" LONGITUDE: 88° 50' 47.51018" ELEVATION: 617.22 M.S.L.

POINT NO. 8

LATITUDF: 39° 24' 44.93749" LONGITUDE: 88° 50' 47.50201' ELEVATION: 616.78 M.S.L.

POINT NO. 9 LATITUDE: 39° 24' 51.72684" LONGITUDE: 88° 50' 50.12535 FLEVATION: 616.98 M.S.L.

## J.U.L.I.E. INFORMATION

COUNTY	SHELBY
CITY	SHELBYVILLE
TOWNSHIP	T-11-N
RANGE	R-3-E
SECTION NO	10,11
ADDRESS	SHELBY COUNTY AIRPORT
RR # 2	

SHFI BYVILLE, ILLINOIS 62565

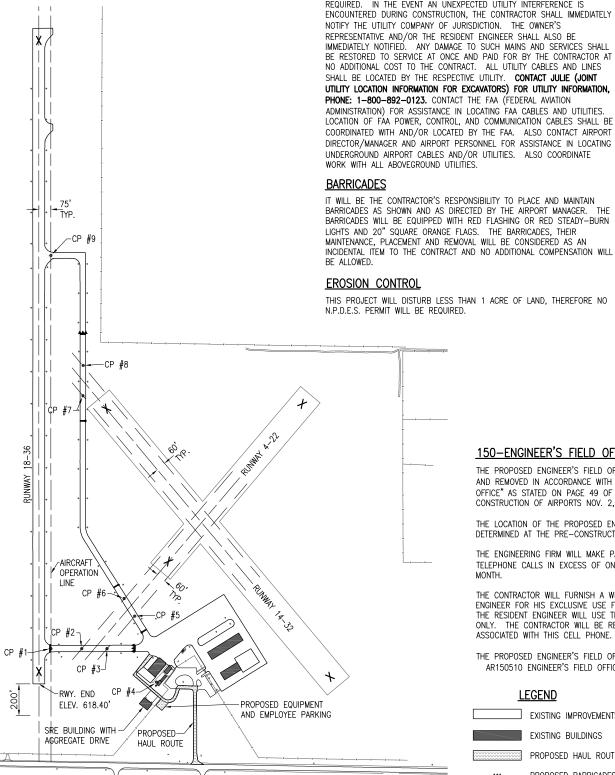
## CERTIFIED PAYROLLS

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.

ALL CONSTRUCTION/OPERATIONS ARE TO BE PERFORMED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2F "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" AND AC 150/5300-13 "AIRPORT DESIGN".



## UTILITY NOTE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE, NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 FNCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE LITILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AS SHOWN AND 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

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

## PROPOSED SAFETY PLAN

GENERAL - THE SHELBY COUNTY AIRPORT IS COMPRISED OF THREE RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING ALL THREE OF THE RUNWAYS. ANY TIME THE CONTRACTOR IS WORKING WITHIN 60' OF THE RUNWAY CENTERLINE THE RUNWAY SHALL BE CLOSED. ANY TIME THE CONTRACTOR IS WORKING WITHIN 45' OF THE TAXIWAY CENTERLINE THE TAXIWAY WILL BE CLOSED. THE CONTRACTOR WILL BE ALLOWED TO CLOSE RUNWAY 18-36 FOR THE CONSTRUCTION WEEK. AT THE END OF THE CONSTRUCTION WEEK HE MUST OPEN IT BACK UP FOR "DAYTIME OPERATIONS ONLY".

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THE CONTRACTOR WILL CONCENTRATE ALL HIS EFFORTS ON COMPLETING ALL WORK ASSOCIATED WITH RUNWAY 18-36 BEFORE HE BEGINS WORKING ON INSTALLING THE MITL SYSTEM. ONCE THE CONTRACTOR HAS COMPLETED INSTALLING THE MIRL SYSTEM AND THE PAPI UNIT HE WILL RE-OPEN RUNWAY 18-36 FOR BOTH DAY AND NIGHT OPERATIONS.

WHEN THE CONTRACTOR IS WORKING ON RUNWAY 18-36 HE MUST KEEP RUNWAY 4-22 OPEN. RUNWAY 14-32 WILL BE CLOSED WHEN HE IS WITHIN 60 FEET OF ITS' CENTERLINE. THE CONTRACTOR WILL EXPEDITE WORK WITHIN 60 FEET OF RUNWAY 14-32 CENTERLINE IN ORDER TO LIMIT THE LENGTH OF TIME THIS RUNWAY IS CLOSED.

ONCE RUNWAY 18-36 IS OPEN THE CONTRACTOR WILL BE ALLOWED TO CLOSE BOTH SOD STRIPS IN ORDER TO COMPLETE THE WORK ON THE TAXIWAY AS QUICKLY AS POSSIBLE. THESE RUNWAYS WILL BE RE-OPENED AT THE END OF THE CONSTRUCTION WEEK FOR AIRCRAFT OPERATIONS DURING THE

TO PROVIDE ACCESS BETWEEN THE AIRCRAFT PARKING APRON AND RUNWAY 18-36 THE CONTRACTOR WILL BE REQUIRED TO COMPLETE THE INSTALLATION OF LIGHTS AND CABLING ON TAXIWAY "A" BEFORE MOVING ONTO TAXIWAY "B" IN THIS MANNER AND AIRCRAFT WILL BE ABLE TO TAXI BETWEEN THE RUNWAY AND THE

ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAYS WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

 ${\tt IDENTIFICATION} \ - \ {\tt WHEN} \ \ {\tt THE} \ \ {\tt CONTRACTORS} \ \ {\tt VEHICLES} \ \ {\tt AND}$ 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

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.80 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE SHELBY COUNTY 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 49 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS NOV. 2, 2009.

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

THE CONTRACTOR WILL FURNISH A WIRELESS 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

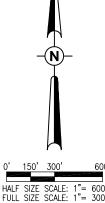
THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE \_\_\_\_ 1 L.S.

EXISTING IMPROVEMENTS

EXISTING BUILDINGS

PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA

PROPOSED BARRICADES



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COUNTY,

SHELBY ( SHELB)

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