

**SCOPE OF WORK**

THIS PROJECT CONSISTS OF THE CONSTRUCTING A BITUMINOUS ROAD ASSOCIATED WORK ITEMS INCLUDE GRADING, DRAINAGE, SEEDING AND FENCING.

**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 ENCOUNTERED 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 UTILITY. **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 DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

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

COUNTY \_\_\_\_\_ JACKSON  
 CITY \_\_\_\_\_ CARBONDALE  
 TOWNSHIP \_\_\_\_\_ 8 SOUTH  
 RANGE \_\_\_\_\_ 1 WEST  
 SECTION NO. \_\_\_\_\_ 31 & 32  
 ADDRESS \_\_\_\_\_ P.O. BOX 1086  
 CARBONDALE, ILLINOIS 62903-1086

**CONTRACTOR RESPONSIBILITIES**

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN. 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 MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS.

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

NO TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT WITHOUT PROPER PROTECTION. ANY HOLES LEFT OPEN WILL BE BARRICADED WITH APPROVED LIGHTED BARRICADES.

**BARRICADES AND TRAFFIC CONES**

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES, TRAFFIC CONES, SIGNS AND OTHER TEMPORARY BARRIERS TO SEPARATE AIRCRAFT TRAFFIC AND CONSTRUCTION TRAFFIC. BARRICADES USED ON THE AIRFIELD WILL BE EQUIPPED WITH 20" SQUARE ORANGE FLAGS AND RED FLASHING LIGHTS. THE RESPONSIBILITY OF AND COST OF ERECTION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL MEASURES USED BY THE CONTRACTOR SHALL BE CONSIDERED AS PART OF PAY ITEM AR150530 TRAFFIC MAINTENANCE. COORDINATE ALL CLOSURES WITH RESIDENT ENGINEER.

**LEGEND**

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- PROPOSED BARRICADES

**HEIGHT OF CONSTRUCTION EQUIPMENT**

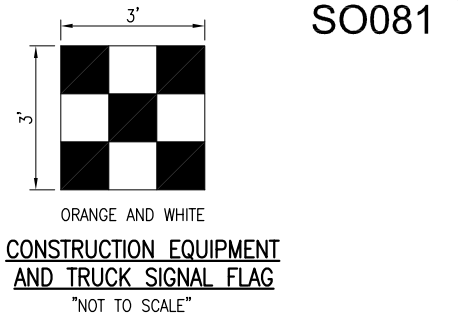
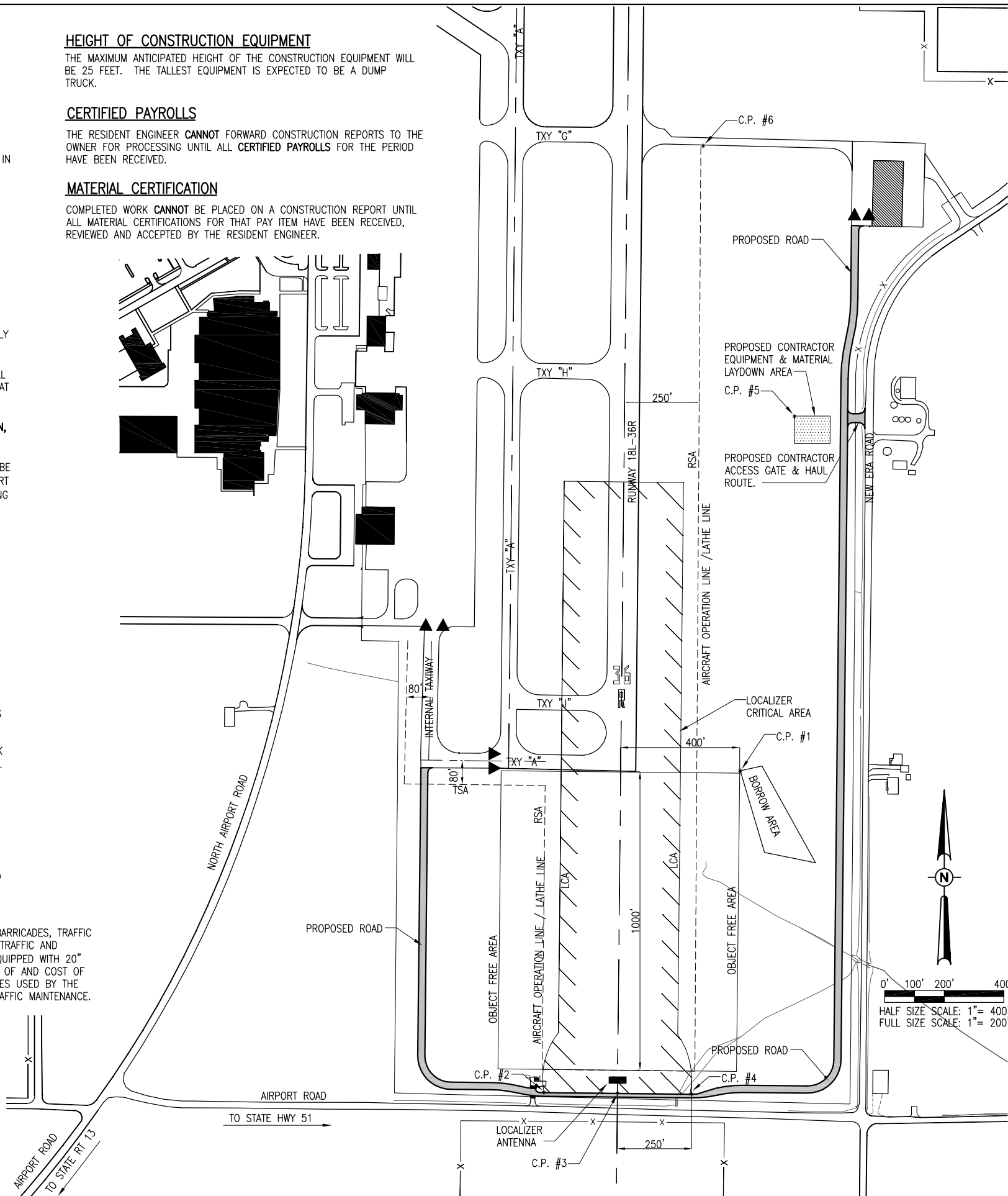
THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A DUMP TRUCK.

**CERTIFIED PAYROLLS**

THE RESIDENT ENGINEER **CANNOT** FORWARD CONSTRUCTION REPORTS TO THE OWNER 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.



WHILE ON THE AIRPORT SITE, THE CONTRACTOR'S VEHICLES ARE TO BE PROPERLY MARKED. THE MARKINGS SHALL CONSIST OF A 3 FOOT SQUARE FLAG CONSISTING OF A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE SQUARES (SEE DETAIL THIS SHEET) DISPLAYED IN FULL VIEW ABOVE THE VEHICLE.

**CRITICAL POINT DATA**

NO.	DESCRIPTION	LAT.	LONG.	ELEV.
1	EDGE OF BORROW AREA	37° 46' 14.64"	89° 14' 49.26"	393'
2	S.W. CORNER OF L.C.A.	37° 46' 03.93"	89° 14' 57.68"	398'
3	SOUTH C.L. OF L.C.A.	37° 46' 63.84"	89° 14' 54.55"	393'
4	S.E. CORNER OF L.C.A.	37° 46' 03.75"	89° 14' 51.44"	390'
5	N.W. CORNER OF LAYDOWN	37° 46' 26.49"	89° 14' 46.83"	397'
6	END OF UNDER DRAIN	37° 46' 35.26"	89° 14' 50.50"	400'

**PROPOSED SAFETY PLAN**

GENERAL - THE SOUTHERN ILLINOIS AIRPORT IS COMPRISED OF THREE RUNWAYS. THE PROPOSED CONSTRUCTION WILL NOT REQUIRE THE CLOSING OF ANY RUNWAY. ONLY THE INTERNAL TAXIWAY SHOWN ON THIS SHEET WILL BE CLOSED WHEN THE CONTRACTOR IS WITHIN THE TAXIWAY SAFETY AREA.

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.

THE CONTRACTOR SHALL BE REQUIRED TO RECEIVE FAR PART 139 TRAINING FOR ALL PERSONNEL WHO DRIVE VEHICLES INSIDE THE FENCED AREA OF THE AIRPORT. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

**LOCALIZER CRITICAL AREA**

WHEN WORKING IN THE LOCALIZER CRITICAL AREA, THE CONTRACTOR SHALL PROVIDE NOTIFICATION TO THE RESIDENT ENGINEER 2 DAYS PRIOR TO STARTING ANY WORK THAT WILL REQUIRE THE CONTRACTOR TO HAVE EQUIPMENT WITHIN 250 FEET OF THE LOCALIZER ANTENNA. WORK IN THIS AREA WILL BE LIMITED TO DAYTIME AND VFR CONDITIONS ONLY AND SHALL BE EXPEDITED TO MINIMIZE DISRUPTIONS TO AIR TRAFFIC.

THE CONTRACTOR SHALL MARK/IDENTIFY BY MEANS OF SIGNAGE, BARRICADES OR OTHER MEANS THE LOCALIZER CRITICAL AREA SO THAT WORKERS AND EQUIPMENT DO NOT INADVERTENTLY ENTER THE AREA. MACHINERY AND MATERIALS DISRUPT THE SIGNAL EMITTED BY THE LOCALIZER WHICH IS USED BY AIRPLANES TO PROVIDE GUIDANCE WHILE LANDING. THESE DISRUPTIONS CAN GIVE THE PILOTS ERRONEOUS COURSE INFORMATION AND POTENTIALLY CAUSE AN AIRPLANE CRASH.

**EROSION CONTROL**

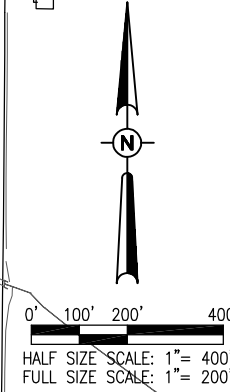
THIS PROJECT WILL DISTURB MORE THAN 1 ACRE OF LAND, THEREFORE A N.P.D.E.S. PERMIT WILL BE REQUIRED.

**HAUL ROUTE AND VEHICLE PARKING**

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE PROPOSED PARKING AREA WILL BE 225' X 125'. THE CONTRACTOR WILL BE REQUIRED TO PROTECT AND 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. CLEANING AND MAINTENANCE OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CONTRACTOR SHALL EXERCISE CARE SO AS TO NOT MAR EXISTING PAVEMENTS. ANY DAMAGE DONE BY THE CONTRACTOR SHALL BE REPAIRED AT NO EXPENSE TO THE CONTRACT.

**AIRCRAFT OPERATION LINE**

THE CONTRACTOR WILL LOCATE THIS LINE AT THE START OF CONSTRUCTION AND WILL PLACE FLAGGED LATHE EVERY 150' ALONG IT. THIS LINE WILL BE USED TO IDENTIFY THE RUNWAY SAFETY AREA. THE CONTRACTOR WILL MAINTAIN THE LATHE LINE FOR RUNWAYS.



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NO.	DATE	REVISION

**SOUTHERN ILLINOIS AIRPORT**  
 MURPHYSBORO / CARBONDALE, ILLINOIS

Project No. 11A0037D\_0001  
 Filename R-0035FY.DWG  
 Scale 1"=200'  
 Date 04/20/2012

LAYOUT	JSL	02/06/2012
DRAWN	CWS	02/06/2012
REVIEWED	JSL	04/16/2012

IL PROJ.: MDH-4173

Hanson Professional Services Inc.  
 3125 New River Road  
 Murphysboro, IL 62966  
 Offices Nationwide

**CONSTRUCT PERIMETER ROAD TO SUPPORT ARFF/SRE BUILDING**

PROPOSED SAFETY PLAN