

PROPOSED SAFETY PLAN

GENERAL - THE JOLIET REGIONAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSURES OF RUNWAYS AND TAXIWAYS AT TIMES DURING THE PROJECT.

RUNWAY 13-31 WILL BE CLOSED ANY TIME THE CONTRACTOR IS WORKING WITHIN 75' OF THE RUNWAY CENTERLINE. RUNWAY 4-22 (TURF RUNWAY) WILL BE CLOSED ANYTIME THE CONTRACTOR IS WORKING WITHIN 200' OF THE RUNWAY CENTERLINE. ANY TAXIWAY WILL BE CLOSED WHEN THE CONTRACTOR IS WORKING WITHIN 45' OF THE RESPECTIVE TAXIWAY CENTERLINE (TAXIWAY OBJECT FREE AREA). THE CONTRACTOR SHALL COORDINATE ALL CLOSURES WITH THE AIRPORT MANAGER.

THE CONTRACTOR WILL BE ALLOWED TO CLOSE RUNWAY 13-31 FOR THE CONSTRUCTION WEEK. AT THE END OF THE CONSTRUCTION WEEK HE MUST OPEN IT BACK UP FOR "DAYTIME OPERATIONS ONLY". THE CONTRACTOR WILL BE ALLOWED TO CLOSE BOTH RUNWAYS WHEN HE IS WORKING WITHIN THE INTERSECTION OF BOTH RUNWAYS. THE CONTRACTOR WILL EXPEDITE THIS WORK IN ORDER TO REDUCE THE AMOUNT OF TIME THE AIRPORT IS CLOSED. ALL WORK INCLUDING IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

OPEN TRENCHES OR EXCAVATIONS ARE NOT PERMITTED WITHIN THE RUNWAY OR TAXIWAY SAFETY AREAS WHILE THE RESPECTIVE RUNWAY OR TAXIWAY IS OPEN. SMOOTH GRADE ALL AREAS WITHIN THE SAFETY AREA TO THE SATISFACTION OF THE RESIDENT ENGINEER PRIOR TO RE-OPENING THE RUNWAY OR TAXIWAY. IF THE RUNWAY OR TAXIWAY MUST BE OPENED BEFORE EXCAVATIONS ARE BACKFILLED, COVER THE EXCAVATIONS APPROPRIATELY. COVERINGS FOR OPEN TRENCHES OR EXCAVATIONS MUST BE OF SUFFICIENT STRENGTH TO SUPPORT THE HEAVIEST AIRCRAFT OPERATING ON THE RUNWAY.

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

THE CONTRACTOR SHALL STAGE WORK TO MINIMIZE RUNWAY AND TAXIWAY CLOSURE TIME AND MAINTAIN ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS.

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".

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 (122.70 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE JOLIET REGIONAL 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.

HAUL ROUTE, VEHICLE PARKING, EQUIPMENT PARKING AND MATERIAL STORAGE

THE CONTRACTOR WILL USE THE DESIGNATED CONSTRUCTION ACCESS AND HAUL ROUTE SHOWN ON THIS SHEET. ACCESS THROUGH THE EXISTING GATE WILL BE COORDINATED WITH THE AIRPORT MANAGER. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING A SECURE CONDITION WHEN USING THE GATE.

CONTRACTOR SITE PARKING, EQUIPMENT PARKING AND MATERIAL STORAGE WILL BE IN THE WEST HALF OF THE EXISTING PARKING LOT. IN ADDITION, THE CONTRACTOR MAY USE THE AREA DESIGNATED WITHIN THE AIRPORT FENCE FOR ADDITIONAL MATERIAL STORAGE, IN ORDER TO PROVIDE AN ADDED LEVEL OF SECURITY FOR STORAGE OF MATERIALS. ALL CONSTRUCTION MATERIALS WILL BE STORED IN DESIGNATED AREAS AND OUTSIDE OF RUNWAY AND TAXIWAY OBJECT FREE AREAS.

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE CONSTRUCTION ACCESS, HAUL ROUTE, VEHICLE PARKING, EQUIPMENT PARKING AND MATERIAL STORAGE AREAS 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 RESTORE THESE AREAS TO THEIR PRE-CONSTRUCTION CONDITION, INCLUDING GRADING, FERTILIZING, SEEDING AND MULCHING FOR NON-PAVED AREAS. RESTORATION OF THESE AREAS WILL BE INCLUDED IN THE COST OF ITEM AR150540, HAUL ROUTE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

BARRICADES AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES 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 BE ALLOWED. INCLUDE BARRICADES FOR TAXIWAYS TO COORDINATE WITH THE RESPECTIVE RUNWAY CLOSURE. WHEN TAXIWAYS ARE CLOSED PLACE BARRICADES AT EACH END OF TAXIWAY AS NEEDED. WHEN BOTH RUNWAYS ARE CLOSED BARRICADES SHALL BE PLACED ON ALL TAXIWAYS LEADING TO THE RUNWAYS.

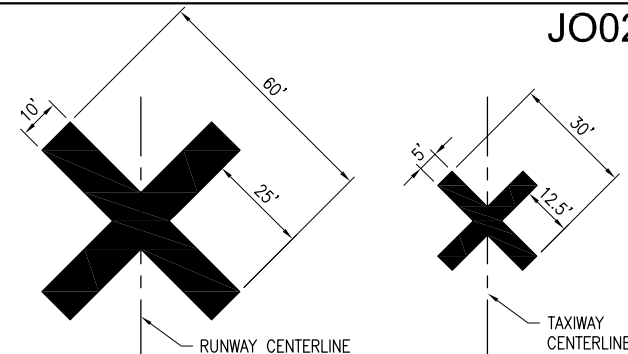
HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 70 FEET, WHICH IS EXPECTED TO BE A CRANE TO SET THE VAULT OR A BUCKET TRUCK TO WORK ON THE BEACON 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 A LINE TRUCK. THE CRANE OR BUCKET TRUCK SHALL BE USED DURING THE DAYLIGHT HOURS AND VFR 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.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL BE SURE THE EXISTING GATE IN THE HAUL ROUTE IS CLOSED AT THE END OF EACH WORKING DAY.

CRITICAL POINT DATA					
POINT #	LATITUDE	LONGITUDE	GROUND ELEVATION	PROPOSED EQUIPMENT HEIGHT	PROPOSED EQUIPMENT ELEVATION
①	N 041° 31' 11.70"	W 088° 10' 45.03"	581'	25'	606'
②	N 041° 31' 08.33"	W 088° 10' 37.90"	580'	25'	605'
③	N 041° 30' 55.26"	W 088° 10' 15.62"	579'	25'	604'
④	N 041° 31' 02.61"	W 088° 10' 40.66"	576'	25'	601'
⑤	N 041° 31' 09.90"	W 088° 10' 29.59"	581'	25'	606'
⑥	N 041° 31' 14.33"	W 088° 10' 29.60"	581'	70'	651'
⑦	N 041° 31' 17.13"	W 088° 10' 40.06"	583'	70'	653'



1. TEMPORARY "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL BE "AVIATION YELLOW"
2. TEMPORARY "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, DOUBLE-LAYERED SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.
3. TEMPORARY "CLOSED RUNWAY" MARKINGS SHALL BE PLACED OVER THE RUNWAY DESIGNATION NUMBERS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. TEMPORARY "CLOSED TAXIWAY" MARKINGS SHALL BE PLACED WHEN THE RUNWAY IS OPEN AND THE TAXIWAY IS CLOSED. THE "CLOSED TAXIWAY" MARKINGS SHALL BE PLACED AS SHOWN ON THIS SHEET AT A DISTANCE OF 65' FROM RUNWAY 13-31 CENTERLINE OR 125' FROM RUNWAY 4-22 CENTERLINE.
5. THE PROPOSED CROSSES WILL BE PLACED EACH DAY THE RUNWAY OR TAXIWAY IS CLOSED AND REMOVED WHEN THE RUNWAY OR TAXIWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL NOT BE A PAY ITEM AND SHALL BE INCIDENTAL TO OTHER CONTRACT BID ITEMS.

TEMPORARY CLOSURE CROSS DETAIL

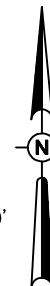
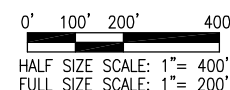
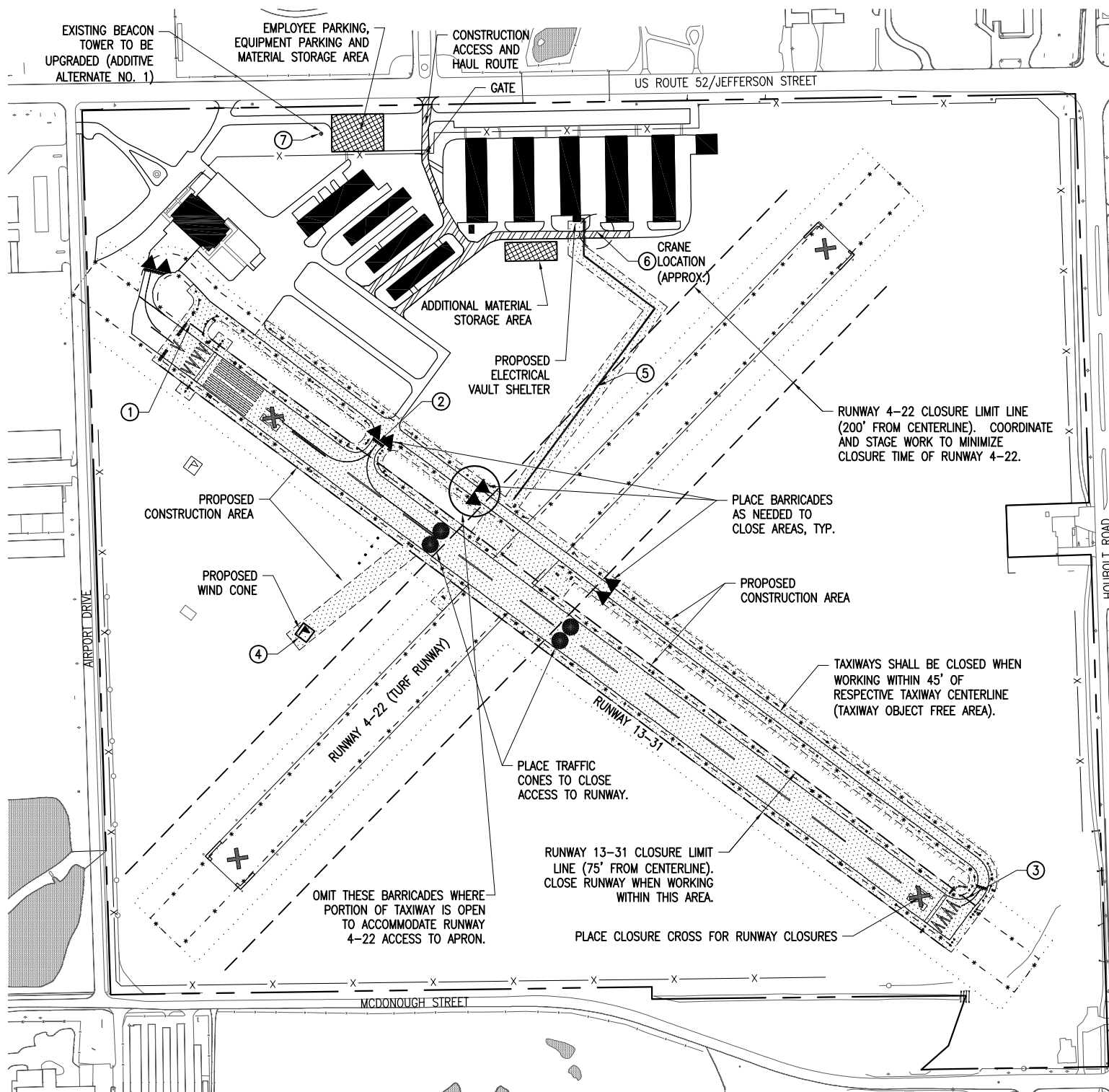
NOT TO SCALE

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
- EXISTING BUILDINGS
- PROPOSED WORK AREAS
- PROPOSED HAUL ROUTE
- PROPOSED CONTRACTOR STAGING AREA
- PROPOSED BARRICADES
- PROPOSED TRAFFIC CONES
- EXISTING FENCE
- RUNWAY/TAXIWAY SAFETY AREA
- RUNWAY/TAXIWAY OBJECT FREE AREA
- AIRPORT PROPERTY LINE
- CRITICAL POINT



REVISION	DATE	UPDATE PER	DATE
	03/09/12		

**JOLIET REGIONAL AIRPORT
JOLIET PARK DISTRICT
JOLIET, ILLINOIS**

A.I.P. PROJ.: 3-17-0066-B8
IL PROJ.: JOT-4166

Hanson Project No.	G-09A0177D-0001	LAYOUT	MLH	02/03/12
Filename	G-003-SFY.dwg	DRAWN	MLH	02/03/12
Scale	AS SHOWN	REVIEWED	KNL/CAH	02/13/12
Date	02/13/12			



PROPOSED SAFETY PLAN

CONSTRUCT A STAND ALONE ELECTRICAL VAULT, REPLACE RUNWAY LIGHTS AND INSTALL TAXIWAY LIGHTS

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