

001-5.1 SEQUENCE OF WORK. Prior to commencing any work, the Contractor shall submit a detailed construction schedule, indicating specific tasks and completion dates for the Work Area(s) to be undertaken. The Contractor shall take into account that construction will be performed on an active airfield with ongoing aircraft operations.

The Contractor shall conduct the work in conformance with all regulations and permit conditions applicable to the project. If additional permits are required, or if the Contractor proposes to perform the work differently than the manner provided in the Permits, the Contractor shall obtain approval from the appropriate regulating entities prior to performing the work. The costs associated with obtaining and complying with permits required to perform the work will not be paid for directly, but will be considered incidental to the Contract pay items. See 001-7.1 WORK RESTRICTIONS below.

The Contractor shall be aware of the runway safety areas and other restricted work areas. Constant radio contact and monitoring of the UNICOM frequency shall be required during all phases of the project.

001-6.1 WORK AREA DESCRIPTION. The project has been divided into three (3) main work areas as shown on the construction phasing plans. The identification of work areas is not intended to indicate the sequence of work, but to allow definition of the restrictions on work in each area and/or sub-work area.

The intent of the construction phasing is to provide the least amount of disruptions to daily aviation activity and to maintain access to existing facilities throughout construction.

Work Area 1. Includes: The construction of Taxiway A from the Runway 35 end to existing Taxiway C. The construction of a reconfigured Taxiway B. The installation of a Supplemental Lighted Wind Cone. The construction of Pond 2, including the construction of the temporary haul route. Work in the Airfield Lighting Vault. The installation of new taxiway edge lights on existing Taxiways A, C, and D.

001-7.1 WORK RESTRICTIONS. The following restrictions shall apply to work on the project.

- No work on holidays or Sundays.
- Work day 6AM-6PM, except when night work is required as specified below.
- No winter work (December 19, 2009 - March 28, 2010).

All work within 75 feet of the Runway 17-35 centerline must be performed between 9:00 PM and 6:00 AM local time with the runway closed. A cap on maximum number of runway night closures is 10 nights.

The runway must be reopened each day with the runway safety area regraded to grain readily and effectively with a maximum lip at the edge of runway pavement of 1 1/2 inches and a maximum transverse slope of 5%. The condition of the work area shall be acceptable to the Engineer and the Owner prior to reopening the runway to aircraft operations.

Runway 5-23 will be closed for the duration of the project. The contractor shall place and maintain closed runway markers as shown on the plans or as directed by the engineer.

Placement of permanent bituminous pavement will be allowed only between May 1st and October 15th in accordance with the temperature and weather condition requirements of FAA Specification P-401 Plant Mix Bituminous Pavements.

The Contractor shall conduct the work in conformance with all regulations and permit conditions applicable to the project. If additional permits are required, or if the Contractor proposes to perform the work differently than the manner provided in the Permits, the Contractor shall obtain approval from the appropriate regulating entities prior to performing the work. The costs associated with obtaining and complying with permits required to perform the work will not be paid for directly, but will be considered incidental to the Contract pay items.

The Owner has obtained the following permits, approvals and agreements for the project. The contractor must comply with all conditions set forth in these permits, approvals and agreements.

- Traffic Mitigation Agreement between Vermont Agency of Transportation and Town of Berlin for Transportation Project Berlin Air 04-3216.
- Construction General Permit 3-9020.
- Vermont Conditional Use Determination Permit 401.
- Corps of Engineers Permit 404.
- Vermont Stormwater Discharge Permit 3-9015.
- Act 250 Permit
- FAA Airport Improvement Program Safety/Phasing Plan

001-7.1.2 WORK AREA 2.
Work Area 2 has been divided into seven (7) sub-work areas.
Work Area 2A Taxiway A (Sta 35+25 to Sta 54+90)
Taxiway E (Sta 0+75 to Sta 3+75)
Runway 5-23 (Sta 134+60 to Sta 140+02)
Taxiway F (Sta 0+00 to Sta 6+85)
Aircraft Parking Apron

Prior to beginning work in Work Area 2A, the contractor shall: Place lighted barricades as shown on the plans or as directed by the Engineer. Mark the limits of the work, the limits of the runway safety area, the limits of the temporary construction haul routes, and natural resources. Construct the stabilized construction entrance. Paint temporary taxiway centerlines as shown on the plans or as directed by the engineer. Reposition Closed Runway Markers as directed by the engineer.

The contractor shall maintain access to the Terminal Apron, the Fueling Area, and Taxiway G at all times. A portion of this access will be on east side of Runway 5-23.

The contractor shall not remove the existing Runway 5-23 pavement between Sta 140+02 and Sta 145+50 as this pavement will be used to access Taxiway F when the contractor is working in Work Area 2D.

The contractor shall not remove the existing wind cone and segmented circle until the new wind cone and segmented circle are operational.

Work Area 2B Taxiway E (Sta 0+50 to Sta 0+75)
The contractor shall coordinate the schedule for working in Work Area 2B at least 2 weeks prior to the anticipated date.

All work within 75 feet of the Runway 17-35 centerline must be performed between 9:00 PM and 6:00 AM local time with the runway closed. The runway must be reopened each day with the runway safety area regraded to drain readily and effectively with a maximum lip at the edge of runway pavement of 1 1/2 inches and a maximum transverse slope of 5%. The condition of the work area shall be acceptable to the Engineer and the Owner prior to reopening the runway to aircraft operations.

The Work in Work Areas 1F, 1G, 1H, and 2C also require night work and the closing of Runway 17-35. The contractor shall work simultaneously in as many of these areas as reasonable so as to minimize the number of nights the runway is closed.

Work Area 2C Taxiway A (Sta 54+90 to Sta 55+15)
The contractor shall coordinate the schedule for working in Work Area 2C at least 2 weeks prior to the anticipated date.

All work within 75 feet of the Runway 17-35 centerline must be performed between 9:00 PM and 6:00 AM local time with the runway closed. The runway must be reopened each day with the runway safety area regraded to drain readily and effectively with a maximum lip at the edge of runway pavement of 1 1/2 inches and a maximum transverse slope of 5%. The condition of the work area shall be acceptable to the Engineer and the Owner prior to reopening the runway to aircraft operations.

The Work in Work Areas 1F, 1G, 1H, and 2B also require night work and the closing of Runway 17-35. The contractor shall work simultaneously in as many of these areas as reasonable so as to minimize the number of nights the runway is closed.

Work Area 2D Taxiway E (Sta 3+75 to Sta 10+36)
Runway 5-23 (Sta 133+00 to Sta 140+02)
Taxiway G (Sta 1+10 to Sta 2+05)

Prior to beginning work in Work Area 2D, the contractor shall: Place lighted barricades as shown on the plans or as directed by the Engineer. Mark the limits of the work, the limits of the taxiway safety area, the limits of the temporary construction haul routes, and natural resources. Paint temporary taxiway centerlines as shown on the plans or as directed by the engineer. Reposition Closed Runway Markers as directed by the engineer.

The contractor shall construct temporary pavement between the reconstructed Runway 5-23 at Sta 140+02 and the existing Runway 5-23 pavement and between the existing Runway 5-23 pavement at Sta 145+50 and the new Taxiway A pavement at Sta 37+90 to 38+50 as shown on the plans or directed by the engineer. The maximum longitudinal slope shall be 1.50% and the maximum transverse slope shall be 1.50%.

The contractor shall maintain access to the Terminal Apron, the Fueling Area, and Taxiway F at all times. A portion of this access will be on west side of Runway 5-23.

Work Area 2E Terminal Apron
Prior to beginning work in Work Area 2E, the contractor shall: Place lighted barricades as shown on the plans or as directed by the Engineer. Mark the limits of the work, the limits of the taxiway safety area, the limits of the temporary construction haul routes, and natural resources. Paint temporary taxiway centerlines as shown on the plans or as directed by the engineer. Reposition Closed Runway Markers as directed by the engineer.

The contractor shall maintain access to the Fueling Facility, and Taxiways F and G at all times. This access will be on west side of Runway 5-23 to Taxiways E, F, and G. Aircraft will not have access the Terminal Apron.

Work Area 2F Runway 5-23 (Sta 140+02 to Sta 145+70)

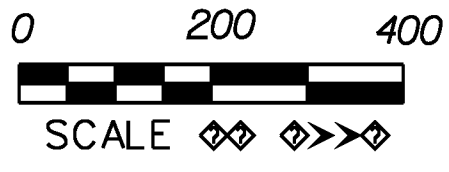
Prior to beginning work in Work Area 2E, the contractor shall: Place lighted barricades as shown on the plans or as directed by the Engineer. Mark the limits of the work, the limits of the taxiway safety area, the limits of the temporary construction haul routes, and natural resources. Paint temporary taxiway centerlines as shown on the plans or as directed by the engineer. Reposition Closed Runway Markers as directed by the engineer.

The work in Work Area 2F consists of removing the existing Runway 5-25 pavement and the temporary pavement constructed, grading of the Runway 5 end safety area and drainage swales along Taxiways A and E, topsoiling and seeding, and erosion control.

The contractor shall maintain access to the Terminal Apron Fueling Facility, and Taxiways E, F and G at all times.

Temporary daytime closures of portions of Taxiways A and E will be permitted. The contractor shall coordinate such closures with the engineer and the owner and place lighted barricades as directed by the engineer.

SITE ACCESS
THE CONTRACTOR SHALL INSTALL TEMPORARY GATES AT ALL CONSTRUCTION ENTRANCES. GATES SHALL EITHER BE LOCKED OR MANNED AT ALL TIMES TO CONTROL ACCESS TO THE AIRPORT.



WORK AREA 2

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FILE NAME: z05h378sht_safety.dgn	PLOT DATE: 11/22/2011
PROJECT LEADER: S. FORTNEY	DRAWN BY: D. STANDISH
DESIGNED BY: S. BOUCHARD	CHECKED BY: J. DOWNAR
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