



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 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.

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.

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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

001-7.1.1 WORK AREA 1.

Work Area 1 has been divided into seven (7) sub-work areas.

Work Area 1A Taxiway A (Sta 0+75 to Sta 21+61)
 Prior to beginning work in Work Area 1A, 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.

The work in Work Area 1B and Work Area 1C require the contractor to maintain access through a portion of Work Area 1A.

Work Area 1B Taxiway A and Taxiway C

Prior to beginning work in Work Area 1B, 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.

The contractor shall maintain access to Aprons B and C at all times. The access to Apron C may be either from existing Taxiways A and B or from Apron B once the new Taxiway B is constructed.

Work Area 1C Taxiway B

Prior to beginning work in Work Area 1C, 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 temporary construction haul routes, and natural resources.

The contractor shall maintain access to Aprons B and C at all times. The access to Apron C may be either from existing Taxiways A and B or from Apron B once the new Taxiway B is constructed.

Work Area 1D Install New Supplemental Wind Cone

Prior to beginning work in Work Area 1D, the contractor shall: Mark the limits of the work, the limits of the runway safety area, the limits of the temporary construction haul routes, and natural resources.

Directional bore and install duct under wetland.

Once the supplemental wind cone is operational, remove the existing wind cone and restore area to its original condition.

Work Area 1E Pond 2

Prior to beginning work in Work Area 1E, the contractor shall: Place Closed Runway Markers on Runway 5-23. 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.

Work Area 1F Taxiway A (Sta 0+50 to Sta 0+75)

The contractor shall coordinate the schedule for working in Work Area 1F 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 1G, 1H, 2B, 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 1G Taxiway B (Sta 0+00 to Sta 0+75)
 Taxiway C (Sta 0+50 to Sta 0+75)
 Taxiway D (Sta 0+50 to Sta 0+75)**

The work at Taxiway B consists of pavement removal, paint removal, and topsoil and seeding.

The work at Taxiways C and D consists of removing the existing taxiway edge lights and signs and installing new taxiway edge lights and signs.

The contractor shall coordinate the schedule for working in Work Area 1G 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, 1H, 2B, 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 1H Runway 5-23 (Sta 149+90+/- to Sta 150+22+/-)
 The contractor shall coordinate the schedule for working in Work Area 1H 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, 2B, 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.

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 1

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 A.I.P. 3-50-0001-011-2009
 PROJECT NUMBER: BERLIN AIR 04-3216
 FILE NAME: z05h378shf_safety.dgn
 PROJECT LEADER: S. FORTNEY
 DESIGNED BY: S. BOUCHARD
 WORK AREA 1
 PLOT DATE: 11/22/2011
 DRAWN BY: D. STANDISH
 CHECKED BY: J. DOWNAR
 SHEET 8 OF 173