ACRP 08-03: Construction Safety and Phasing Plans

CSPP Template

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This template is primarily based on the guidance provided in FAA Advisory Circular 150/5370-2G – *Operational Safety on Airports During Construction* and is intended to be a starting point for developing a CSPP. Airport sponsors must ensure compliance with all items under Advisory Circular 150/5370-2G sections 2.5-2.23. The section numbering utilized in the template corresponds to the section numbering provided in FAA ARP SOP 1.00 – Appendix F.

**This template should be modified based on the specific needs of a project and airport. Example text is both *highlighted and italicized.***

Paragraph references to specific sections of AC 150/5370-2G will likely change when the AC is updated in the future. Users should always check the FAA website to ensure they are utilizing the most current version of AC 150/5370-2 and other regulatory guidance.

# Executive Summary

*This CSPP narrative addresses the construction phasing for the ACRP Airport Runway 2-20 rehabilitation project. The narrative format follows the guidance provided by FAA AC 150/5370-2G – Operational Safety on Airports During Construction and addresses all applicable compliance items. This project will consist of two-inch mill and overlay of the runway and LED runway lighting upgrades. The project includes a runway designation change and a change to the Runway 2 displaced threshold. The runway was last rehabilitated 15 years ago and the current pavement has reached the end of its usable life. Key impacts associated with this project include runway and taxiway closures, NAVAID shutdowns, and haul routes through operational areas. Mitigations for all impacts are discussed in this narrative. The expected duration of the project is three months with a total of four phases.*

# Coordination (Section 205)

* 1. Pre-Construction Conference Information and Coordination
  2. Contractor Progress Meetings Schedule/Frequency
  3. Regulatory Compliance
  4. Necessary Actions for Proposed Changes to CSPP (schedule/scope changes)
     1. Procedure
  5. Parties Needed for FAA ATO Coordination and Circumstances Requiring Coordination
  6. Discussion of Formal Agreements (if applicable)
  7. Stakeholder Identification and Engagement Methods
     1. Stakeholder Register

|  |  |  |  |
| --- | --- | --- | --- |
| **Stakeholder Name** | **Point(s) of Contact** | **Stakeholder Type** | **Engagement Method(s)** |
| *FBO Aviation* | *John Smith* | *FBO* | *Email, one-on-one meetings* |
| *ACRP Airlines* | *Jane Smith* | *Airline* | *Email, group meetings* |
|  |  |  |  |

# Phasing (Section 206)

* 1. Phase Elements
  2. Construction Safety Drawings

# Area and Operations Affected by Construction Activity (Section 207)

* 1. Affected Areas
     1. Impacted Operational Areas and Components

|  |  |  |  |
| --- | --- | --- | --- |
| **Operational Requirement** | **Existing Condition** | **Closed Surface Condition** | **Active Component Between Construction Closures** |
| *Runway 2-20* | *D-III* | *N/A* | *D-III* |
| *Runway 20 Approach Minimums* | *½ Mile* | *N/A* | *½ Mile* |
| *Runway 20 Approach Procedures* | *ILS, GPS,*  *VOR, NDB* | *N/A* | *ILS, GPS,*  *VOR, NDB* |
| *Runway 20 NAVAIDS* | *PAPI-4, ILS, NDB, BEACON, VOR, GPS, AWOS* | *N/A* | *ILS, NDB, BEACON, VOR, GPS* |
| *Taxiway A* | *Open* | *Closed North of TW D and South of Transient Apron* | *Open* |

* 1. Mitigation of Affected Areas (*as applicable*)
     1. Aircraft Taxi Routes
        1. Changes to taxi routes
     2. ARFF Access Routes/Detours
     3. Airport and Airline Support Vehicle Routes/Detours
     4. Approach and Departure Surface Impacts
     5. Changes to Air Traffic Control Procedures
     6. Underground Utilities
        1. Maintenance of essential utilities and underground infrastructure
     7. Isolation of Construction Areas From Aircraft Operations

# Navigation Aid Protection (Section 208)

* 1. Construction Impacts to NAVAIDS
  2. Protection of NAVAIDs
  3. FAA ATO approval and coordination process (within critical areas and NAVAID shutdowns)

# Contractor Access (Section 209)

* 1. Specifications/limits of access
     1. Part 139 and 1542 implications, if applicable
     2. Required training
     3. Vehicle requirements
        1. Access Roads
        2. Haul Routes
     4. Parking
     5. Construction Material Stockpiling

# Wildlife Management (Section 210)

* 1. Trash
  2. Standing Water
  3. Tall Grass
  4. Fencing and Gates
  5. Disruption of Wildlife Habitat

# Foreign Object Debris (Section 211)

# Hazardous Material Management (Section 212)

# Notification of Construction Activities (Section 213)

* 1. Procedure for airport coordination for NOTAMs
     1. Involved Parties 24/7 Points of Contact
        1. Local FAA ATO/TechOps personnel
        2. ATCT Managers On Duty
        3. Authorized Operations Control Center (OCC) representatives
  2. Emergency Notification Procedures
  3. ARFF Coordination

* 1. FAA Notification
     1. Parts 77 and 157 compliance
     2. FAA Reimbursable Agreements

# Inspection Requirements (Section 214)

* 1. Daily Inspections
  2. Final Inspections

# Underground Utilities (Section 215)

# Penalties (Section 216)

# Special Conditions (Section 217)

# Runway and Taxiway Visual Aids (Section 218)

* 1. Markings
  2. Lighting and Visual NAVAIDs
  3. Signage

# Access Routes – Marking and Signage (Section 219)

* 1. Haul Route Demarcation

# Hazard Marking, Lighting and Signage (Section 220)

# Protection of Runway and Taxiway Safety Areas, Zones and Surfaces (Section 221)

# Other Limitations on Construction (Section 222)