



Department of Transportation  
Division of Secretariat  
Office of Air, Rail & Transit  
700 East Broadway Avenue  
Pierre, South Dakota 57501-2586  
OFFICE: 605/773-3574  
FAX: 605/773-2804

TO: South Dakota Aeronautics Commission

FROM: Jack Dokken  
Office of Air, Rail, and Transit

DATE: January 16, 2018

SUBJECT: 2018 Capital Improvement Plan (CIP)

During the November 2017 meeting of the Aeronautics Commission, a list of proposed 2018 projects was presented and discussed. These were projects that have been submitted with AIP grant pre-applications prior to the December 1<sup>st</sup> deadline. Several airports have not submitted their pre-applications, therefore; the Commission tabled a decision until the January meeting. The attached list includes all proposed 2018 projects.

The Commission is asked to approve this list of projects, and request additional information per project if needed. These AIP grant applications will be submitted for funding approval approximately June/July 2018.

2018 Proposed Airport Projects					
Airport	Project Description	Federal Funds (90%)	State Funds (5%)	Local Funds (5%)	Total Funds
Aberdeen - 38	Master Plan w/AGIS and exhibit A (taxiway geometry & ag ops relo; boarding bridge)	\$1,125,000	\$62,500	\$62,500	\$1,250,000
Belle Fourche - 13	Rehab asphalt mill/overlay public access road and parking lot	\$225,000	\$12,500	\$12,500	\$250,000
Bison - 10	Rehab and pave access road and construct new parking area	\$191,700	\$10,650	\$10,650	\$213,000
Britton - 13	Land acquisition and appraisals	\$171,000	\$9,500	\$9,500	\$190,000
Brookings - 30	Design of apron reconstruction and geotech exploration	\$81,000	\$4,500	\$4,500	\$90,000
Buffalo-Harding Co 07	Specs and acquire SRE skid loader with attachments	\$180,000	\$10,000	\$10,000	\$200,000
Canton -	NO PROJECT	\$0	\$0	\$0	\$0
Chamberlain -	NO PROJECT	\$0	\$0	\$0	\$0
Clark County - 12	Design and geotech for 12/30 runway, apron, taxiway reconstruction	\$117,000	\$6,500	\$6,500	\$130,000
Custer County - 14	Acquire 26 RPZ;	\$420,300	\$23,350	\$23,350	\$467,000
Custer County - 15	master plan study	\$90,000	\$5,000	\$5,000	\$100,000
Desmet - 12	Hangar taxilane expansion and concrete hardstand	\$630,000	\$35,000	\$35,000	\$700,000
Eagle Butte - 10	GA apron reconstruction	\$540,000	\$30,000	\$30,000	\$600,000
Edgemont	NO PROJECT	\$0	\$0	\$0	\$0
Eureka - 09	Install tilt-down beacon bole	\$64,800	\$3,600	\$3,600	\$72,000
Faith - 09	Rehab and pave access road and parking area	\$391,500	\$21,750	\$21,750	\$435,000
Faulkton - 11	Land acquisition; design runway rehab/extension; geotech; ap	\$616,500	\$34,250	\$34,250	\$685,000
Flandreau - 10	Environmental for runway geometry and land acquisition	\$112,500	\$6,250	\$6,250	\$125,000
Gettysburg - 10	Install new fuel system; pavement maintenance	\$343,080	\$19,060	\$19,060	\$381,200
Gregory - 15	Design hangar taxilane expansion - phase I (widen to 35', extend 180'	\$27,000	\$1,500	\$1,500	\$30,000
Highmore -	NO PROJECT	\$0	\$0	\$0	\$0
Hot Springs -	NO PROJECT	\$0	\$0	\$0	\$0
Hoven - 10	Design, geotech survey, reconstruct GA apron	\$360,000	\$20,000	\$20,000	\$400,000
Howard	NO PROJECT	\$0	\$0	\$0	\$0
Huron - 36	Repair commercial apron; wildlife study and hazard mitigation plan	\$149,999	\$8,333	\$8,333	\$166,666
Lemmon - 14	Runway 12/30 reconstruction; MRL, PAPIs, RSA grading, runw	\$2,542,500	\$141,250	\$141,250	\$2,825,000
Madison - 16	Construct parallel taxiway - south phase	\$1,126,800	\$62,600	\$62,600	\$1,252,000
Madison - 17	Construct parallel taxiway - North phase - State apportionment	\$2,124,000	\$118,000	\$118,000	\$2,360,000
Martin -	NO PROJECT	\$0	\$0	\$0	\$0
McLaughlin - 09	Reimburse land for RPZ and departure surfaces	\$180,000	\$10,000	\$10,000	\$200,000
Milbank - 16	appraisal for RPZ & departure; wildlife site visit & MP	\$540,000	\$30,000	\$30,000	\$600,000
Miller -	NO PROJECT	\$0	\$0	\$0	\$0
Mitchell -	PM - NO PROJECT	\$0	\$0	\$0	\$0
Mobridge - 14	Design/Construction of 12-30 and connector, grade RSA, lighting, turnaround expansion, testing; replace edge lights and PAPIs	\$3,737,624	\$207,646	\$207,646	\$4,152,915
Murdo - 11	Land acquisition for 14/32 RPZ	\$135,000	\$7,500	\$7,500	\$150,000
Onida - 10	design/construct 6 unit T hangar and taxilane	\$495,000	\$27,500	\$27,500	\$550,000
Parkston - 13	Design/construct perimeter fence improvements (4-wire barbed)	\$147,150	\$8,175	\$8,175	\$163,500
Philip - 11	Acquire 12/30 RPZ; legal/exhibit A map; rev hangar design; GA apron reconstruction design	\$144,000	\$8,000	\$8,000	\$160,000
Pierre - 39	GA hangar taxilane; ag area taxiway const; design twy B reconst	\$1,350,000	\$75,000	\$75,000	\$1,500,000
Pine Ridge - 15	Snow removal equipment with attachments	\$216,000	\$12,000	\$12,000	\$240,000
Platte - 10	Design/install card/reader for existing fuel; design for hangar/	\$67,500	\$3,750	\$3,750	\$75,000
Rapid City - 50	EA for sewage lagoon; replace terminal baggage claim	\$585,000	\$32,500	\$32,500	\$650,000
Redfield - 12	Design/construct AWOS III	\$247,500	\$13,750	\$13,750	\$275,000
Rosebud - 11	Design/construct AWOS III	\$270,000	\$15,000	\$15,000	\$300,000
Sioux Falls - 53	replace perimeter fence; remove obstruction; expand west GA apron; design term apron expansion/deicing pad; move ANG blast fence; SRE	\$3,026,958	\$168,164	\$168,164	\$3,363,287
Sisseton - 14	Master Plan with Airport Layout Plan	\$180,000	\$10,000	\$10,000	\$200,000
Spearfish-BH - 24	EA for runway 5-23 constr & land; wildlife hazard site visit and	\$171,000	\$9,500	\$9,500	\$190,000
Springfield - 007	Replace runway lights	\$349,200	\$19,400	\$19,400	\$388,000
Sturgis - 14	Environmental, design, construct Rev-producing fuel system	\$234,000	\$13,000	\$13,000	\$260,000
Tea - 14	Obstruction removal; wind cone relocation; threshold lighting	\$112,500	\$6,250	\$6,250	\$125,000
Vermillion -	NO PROJECT	\$0	\$0	\$0	\$0
Wagner - 13	Design for Revenue producing T-hangars	\$31,500	\$1,750	\$1,750	\$35,000
Wall -	NO PROJECT	\$0	\$0	\$0	\$0
Watertown - 33	Design/construct perimeter fence modifications	\$126,000	\$7,000	\$7,000	\$140,000
Webster - 10	Land appraisals and acquisition; wildlife hazard site visit and n	\$135,000	\$7,500	\$7,500	\$150,000
Wess Sprgs - 10	Design runway 12/30 reconstruction; engineering report	\$117,000	\$6,500	\$6,500	\$130,000
Winner -	NO PROJECT	\$0	\$0	\$0	\$0
Yankton - 27	Design apron expansion; remove hangar, relo two hangars	\$69,300	\$3,850	\$3,850	\$77,000
SDDOT - 26	Pavement Condition Index Survey	\$189,000	\$21,000	\$0	\$210,000
SDDOT - 24	Aviation system plan	\$360,000	\$40,000	\$0	\$400,000
SDDOT - 25	Statewide pavement maintenance	\$360,000	\$20,000	\$20,000	\$400,000
Totals	Totals	\$24,296,911	\$1,349,828	\$1,349,828	\$28,006,568

Total Federal funds    State Funds (5%)    Local Funds (5%)    Total Funds

## South Dakota Aeronautics CIP Process – Decisions and Dates

Event	Description	Time	FAA
CIP Meetings with sponsors	This is an annual process where the state meets with sponsors and their consultant to discuss the coming year's projects and those for the next several years.	Summer-Fall	Participate if available
Project Pre-Application	The pre-application is required by the FAA ADO to allow them to program funding for the upcoming year. A timeline and required documents show that prerequisite work has been done prior to the project being granted.	December 1	Evaluate justification, eligibility, environmental, airspace, planning, etc.
Statewide CIP	When all CIPs have come in, the State reviews priorities and funding from the State's perspective.	February 1	Review scope, engineering agreements
Aeronautics Commission Review of program	The statewide CIP is provided to the Commission for review.	February-March	Review plans and specifications, mod to standards
Aeronautics Commission Approve Program	Between Feb and May, the commission will determine whether projects will receive state funding. Sponsors must inform the FAA by May whether it will use its entitlement for this year's project, or carry forward to next year.	April - May	Program funding, carry over entitlements to be used next year.
Bid Letting	For construction projects, bid lettings are held in anticipation of grant offers, which are generally based on bids.	June - July	Transfer entitlements, finalize funding
Aeronautics Commission final approval of as-bid project costs and program	After bid lettings, project costs are adjusted for inclusion in grant applications. Total cost will change, as well as state match.	June - July	Final funding is prepared for grant applications
Grant application and agreement Read all 39 Grant Assurances!	When federal funding becomes available, and all prerequisite work and documents are complete, applications are submitted.	June - July	Assemble project documentation.
Grant Offers	Grant offers are federal agreements between FAA and sponsors.	June - July	Issue offer to sponsors
Project activities	Pre-construction meetings will be held and projects started. For planning grants, those projects will begin according to their timeline.	Project timeline	
Aeronautics Commission Review of 3-year Capital Improvement Program	Planning, environmental, airspace surveys, etc. are working toward runway, taxiway and terminal rehabilitation projects.	August – Sept.	
Documentation	Any changes to the airport made as a result of the project are reflected in the airport master record and state airport directory.	5010, directory	