

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 Aeronautics

DATE: July 7, 2020

SUBJECT: Financial Assistance Agreements

Airport sponsors are requesting funding from the State Aeronautics Fund for the AIP projects below.

Britton 3-46-0004-014-2020

Acquire and install AWOS-III including site preparation.

Federal Share \$378,000.00

State Share \$
Local Share \$

Total \$378,000.00

Brookings 3-46-0005-032-2020

Design and construct hangar taxilane; reimburse access road reconstruction.

Federal Share \$ 383,000.00

State Share \$ 0 Local Share \$ 0

Total \$ 383,000.00

Canton 3-46-0007-009-2020

Construct hangar taxilane extension.

Federal Share \$ 199,000.00

State Share \$ 0 Local Share \$ 0

Total \$ 199,000.00

Chamberain 3-46-0071-010-2020

Environmental assessment for runway 17-35 extension.

Federal Share \$ 225,000.00

State Share \$
Local Share \$

Total \$ 225,000.00

Desmet 3-46-0063-014-2020

Construct runway turnarounds.

Federal Share \$ 821,000.00

State Share \$
Local Share \$

Total \$821,000.00

Eagle Butte 3-46-0068-011-2020

Design runway 13/31 reconstruction, environmental and geotechnical surveys.

Federal Share \$ 240,000.00

State Share \$

Local Share

Total \$ 240,000.00

Faith 3-46-0076-011-2020

Construct taxiway A1 and A3; relocate runway 31 threshold.

Federal Share \$ 645,000.00

State Share \$

Local Share \$

Total \$ 645,000.00

Flandreau 3-46-0077-011-2020

Miscellaneous planning study.

Federal Share \$ 55,000.00

State Share \$

Local Share \$

Total \$ 55,000.00

Gregory 3-46-0018-016-2020

Design runway 13/31 reconstruction and taxiway turnaround construction.

Federal Share \$ 160,000.00

State Share \$

Local Share \$

Total \$ 160,000.00

Madison 3-46-0029-018-2020

Design and bid for south GA apron expansion.

Federal Share \$ 96,000.00

State Share \$

Local Share \$

Total \$ 96,000.00

Martin 3-46-0030-014-2020

Acquisition of 18 acres for airport design standards.

Federal Share \$ 196,887.00

State Share \$
Local Share \$

Total \$ 196,887.00

McLaughlin 3-46-0031-010-2020

ALP update with narrative report, aeronautical obstruction and archaeological/TCS surveys.

Federal Share \$ 220,000.00

State Share \$
Local Share \$

Total \$ 220,000.00

Milbank 3-46-0034-016-2020

Land acquisition for runway 13/31 RPZ & departure surfaces.

Federal Share \$ 285,000.00

State Share \$
Local Share \$

Total \$ 285,000.00

Mitchell 3-46-0037-028-2020

Master Plan with ALP update, cultural survey and aeronautical obstruction survey.

Federal Share \$ 430,000.00

State Share \$
Local Share \$

Total \$ 430,000.00

Onida 3-46-0041-012-2020

Design runway 13/31 reconstruction and taxiway turnaround construction.

Federal Share \$ 180,000.00

State Share \$
Local Share \$

Total \$ 180,000.00

Parkston 3-46-0042-013-2020

Design and construction 4-unit revenue-generating hangar.

Federal Share \$ 787,000.00

State Share \$
Local Share \$

Total \$ 787,000.00

Platte 3-46-0066-011-2020

Construct GA terminal and revenue-producing hangar, site grading, fence/gate relocation.

Federal Share \$ 680,000.00

State Share \$
Local Share \$

Total \$ 680,000.00

Rapid City 3-46-0048-053-2020

SRE procurement; relocate 14-32 hold position markings; design terminal chiller replacement.

Federal Share \$ 1,320,000.00

State Share \$
Local Share \$

Total \$ 1,320,000.00

Rapid City 3-46-0048-055-2020

Passenger boarding bridges – design, construction, engineering.

Federal Share \$ 2,155,000.00

State Share \$

Local Share \$ 239,444.44

Total \$ 2,394,444.44

Redfield 3-46-0049-013-2020

Design and construct 10' wildlife fence, with gates and buried skirting.

Federal Share \$ 585,000.00

State Share \$

Local Share \$

Total \$ 585,000.00

Rosebud 3-46-0082-012-2020

Master plan and ALP update; aeronautical obstruction survey.

Federal Share \$ 250,000.00

State Share \$

Local Share \$

Total \$ 250,000.00

Sturgis 3-46-0054-016-2020

Construct 6-unit T hangar, approach pavement, taxilane, reconstruct existing taxilanes, pave access road.

Federal Share \$ 1,344,000.00

State Share \$

Local Share \$

Total \$ 1,344,000.00

Vermillion 3-46-0056-014-2020

Reconstruct 2,200' hangar taxilanes.

Federal Share \$ 955,000.00

State Share \$
Local Share \$

Total \$ 955,000.00

Watertown 3-46-0058-011-2020

Design new passenger terminal; purchase ARFF foam cart.

Federal Share \$ 1,550,000.00

State Share \$

Local Share \$ 352,526.72 Total \$ 1,902,526.72

Winner 3-46-0061-016-2020

Design and construct 100'x200' expansion on southeast side of GA apron; replacement of affected ramp lighting.

Federal Share \$ 625,000.00

State Share \$
Local Share \$

Total \$ 625,000.00

Yankton 3-46-0062-031-2020

Reconstruct runway 1-19, remark 1-19 to 2-20 and install new MIRL.

Federal Share \$ 2,737,000.00

State Share \$
Local Share \$

Total \$ 2,737,000.00

SDDOT 3-46-4600-026-2020

Pavement maintenance for airports at DeSmet, Eureka, Faulkton, Flandreau, Gettysburg, Huron, Mitchell, Murdo, Pine Ridge, Redfield, Sisseton, Spearfish and Wagner.

Federal Share \$ 1,780,000.00

State Share \$

Local Share \$

Total \$ 1,780,000.00

PART IV - PROGRAM NARRATIVE

(Suggested Format)

PROJECT: AIP #3-46-0004-013-2020

AIRPORT: Britton Municipal Airport

1. Objective:

This project shall consist of the airport obtaining and installing an AWOS III-P. A land reimbursement request will also be part of this project for Lot 1 as shown in the attached project sketch.

2. Benefits Anticipated:

Britton Municipal Airport has an average of 53 operations/week at the airport according to the AIRNAV, updated May 2019. Users have expressed great interest in onsite weather reporting equipment. The closest AWOS III unit is 25 nautical miles north in Gwinner, North Dakota. Fixed wing air ambulances also desire the weather reporting equipment to monitor site conditions to make informed decisions when retrievigng patients.

3. Approach: (See approved Scope of Work in Final Application)

Complete Topographic Survey
Begin Design
Develop Preliminary Design Report
Develop Construction Safety Plan
Complete Design for FAA Review
Advertise the Project and Open Bids
Award the Construction Contract
Construct AWOS III or AWOS AV
Prepare As-Constructed Drawings
Assemble Closeout Documentation

4. Geographic Location:

Britton Municipal Airport, Britton, Marshall County, South Dakota

5. If Applicable, Provide Additional Information:

The negotiations are ongoing with the land owner that owns the property in the 13 End Approach Surface. There is an unoccupied residence within that area and it is in the City's best interest to control the use in this area.

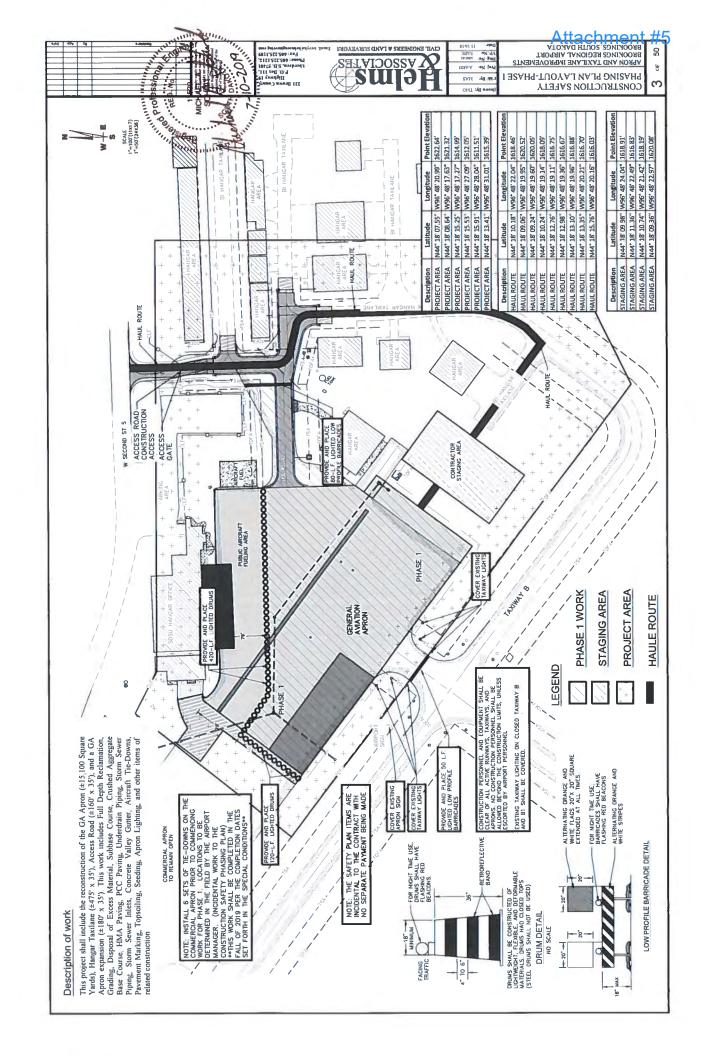
6. Sponsor's Representative: (include address & telephone number)

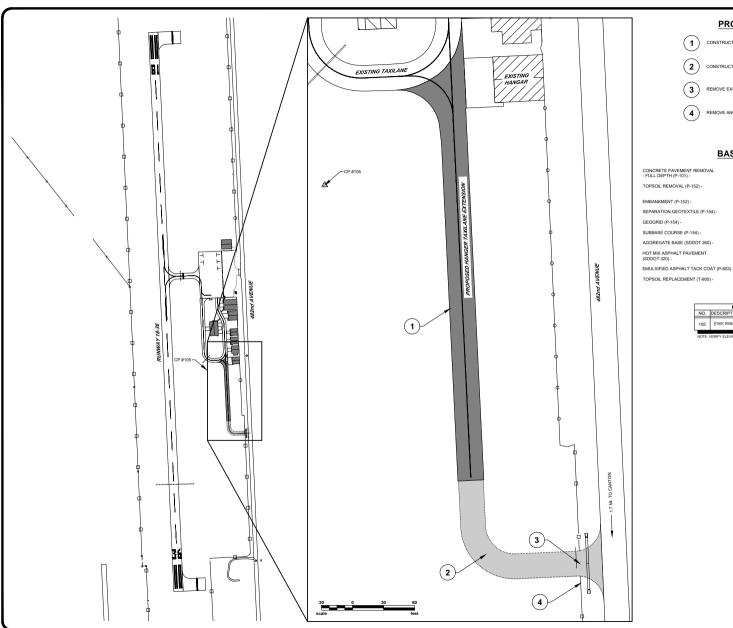
Clyde Fredrickson, Mayor PO Box 126 Britton, SD 57430-0126

605-448-5721

PART IV – PROGRAM NARRATIVE

PROJECT: AIP #3-46-0005-032-2020
AIRPORT: Brookings Regional Airport
1. Objective:
This project shall include the reconstruction of a Hangar Taxilane (±350' x 35'). This work includes Full Depth Reclamation, Grading, Subbase Course, Aggregate Base Course, Asphalt Paving, Underdrain Piping, Pavement Marking, Topsoiling, Seeding, and Erosion Control.
This project will also reimburse the City of Brookings for the Alternate Bid No. 1 Access Road Reconstruction from the 2019 Apron and Taxilane Improvements project.
2. Benefits Anticipated:
The new taxilane will replace the old taxilane with a PCI of 0.
3. Approach: (See approved Scope of Work in Final Application)
Complete Geotechnical Subgrade Exploration Complete Topographic Survey Begin Design Develop Preliminary Design Report Develop Construction Safety Plan Complete Design for FAA Review Advertise the Project and Open Bids Award the Construction Contract 4. Geographic Location: Brookings Regional Airport, Brookings, Brookings County, South Dakota
Brookings Regional Aliport, Brookings, Brookings County, Court Baketa
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)
Jackie Lanning, City Engineer 605-692-6629 PO Box 270 Brookings, SD 57006





PROJECT WORK DESCRIPTION #5

CONSTRUCT HANGAR TAXILANE EXTENSION (APPROX. 400' X 25')

CONSTRUCT GRAVEL ACCESS ROAD (APPROX. 195' X 25')

REMOVE EXISTING FENCE AND INSTALL 24' MANUAL SINGLE SLIDE GATE

REMOVE AND REINSTALL EXISTING FENCE (APPROX. 60 L.F.)

BASIS OF ESTIMATE

AVERAGE DEPTH CONCRETE PAVEMENT: ±5*

STRIP 6" OVER ALL EXCAVATION OR EMBANKMENT AREAS. (INCLUDED IN UNCLASSIFIED EXCAVATION QUANTITY FOR PAYMENT)

15% ADDITIONAL VOLUME HAS BEEN ADDED FOR SHRINKAGE ACTUAL S.Y., NO OVERLAP INCLUDED

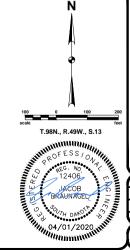
ACTUAL S.Y., NO OVERLAP INCLUDED COMPACTED VOLUME IN PLACE

COMPACTED VOLUME IN PLACE 150 LBS/C.F.

0.10 GAL./S.Y.

MEASURED IN STOCKPILES BY AVERAGE END AREAS OR PRISMOIDAL METHOD (PAID FOR AS TOPSOILING)

	co	NTROL POINT LIST	
NO.	DESCRIPTION	LOCATION	ELEVATION
105	¶X60° REBAR	N377,903.71 E2,969,733.96	1277.11



PROJECT NUMBE 14517116 03/27/2020

PROJECT WORK DESCRIPTION & BASIS OF ESTIMATE

AIRPORT

CANTON MUNICIPAL / CANTON CANT

Project Narrative (Justification)
2020 FAA Grant Application
Canton Municipal Airport

Project Item

Construct Hangar Taxilane Extension

What is the Project?

The project is for construction of a hangar taxilane extension at Canton Municipal Airport.

Why is the Project Needed Now?

The project is needed now due to demand for hangar development at the airport. In recent years, three private hangars have been constructed in the only remaining locations where existing taxilanes are located. The new taxilanes will provide access to new hangar development areas. The airport is maintaining a list of requests for hangar development space. The taxilanes would also provide access for a future T-hangar that is included in the Capital Improvement Plan (CIP). If the taxilanes project is delayed, there will be no available hangar development area remaining and thus will lead to lost revenue and airport growth. In addition, it is expected that the longer hangar development area is not available, more pilots will begin finding space at other airports in the region, hence reducing potential airport users in the future.

The project will ensure long-term economic sustainability of the airport by increasing revenues and based aircraft. With no available hangar development space, pilots are more often choosing another airport; this in turn will lead to a decreased outlook on fuel sales and land lease revenue. New taxilanes will increase based aircraft while also potentially attracting additional itinerant aircraft in the future when the T-Hangar is built.

The taxilanes project also addresses a goal identified in the South Dakota State Aviation System Plan (SDSASP). Canton is identified as a Small General Aviation Airport in the SDSASP. One goal for Small General Aviation Airports is to have hangar space available for 100% of based aircraft. The new taxilanes would allow for new hangar development spaces so that the airport can continue to provide hangar space for all based aircraft as user demand continues to increase at the airfield. This project helps to maintain and implement improvements to this goal.

Is the Project Phased?

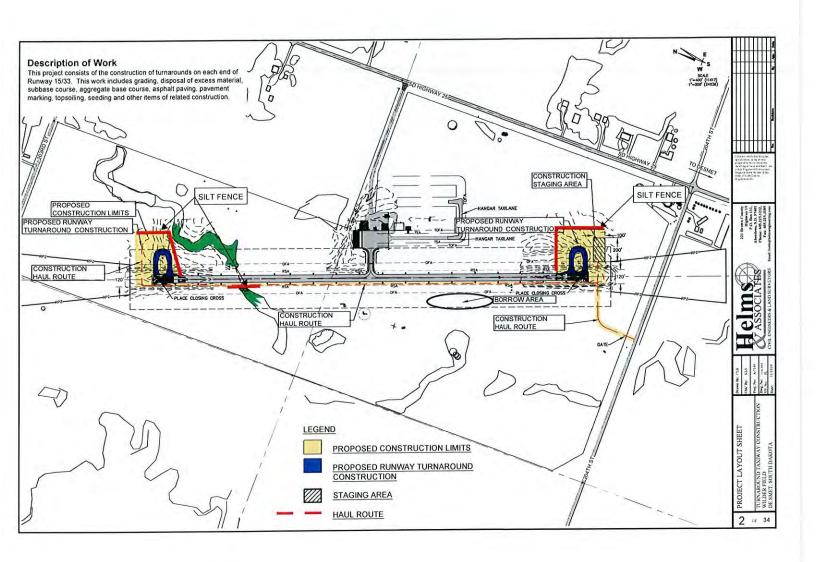
Yes. This is the second phase of the project. The first phase of the project was the completion of the project plans and specifications.

Part IV - Program Narrative

PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)

PART IV - PROGRAM NARRATIVE

PROJECT: AIP #3-46-0063-014-2020
AIRPORT: Wilder Field
1. Objective: This project shall include the construction of the turnarounds (±21,740 SqFt) on each end of Runway 15/33. This work shall include grading, disposal of excess material, subbase course, aggregate base course, asphalt paving, storm sewer piping, pavement marking, topsoiling, seeding, and other items of related construction.
2. Benefits Anticipated:
Wilder Field does not possess runway turnarounds for aircraft to exit the runway for incoming traffic. All incoming traffic at Wilder Field must back taxi once landing on Runway 15/33. By constructing turnarounds at each end, aircraft would have the ability to exit the runway quickly. Aircraft taking off would also have the option to exit the runway prior to final takeoff to allow for emergency aircraft to land immediately and safely.
3. Approach: (See approved Scope of Work in Final Application)
Advertise the Project and Open Bids Award the Construction Contract Construct Taxiway Turnarounds Prepare As-Constructed Drawings Assemble Closeout Documentation
4. Geographic Location:
Wilder Field, De Smet, Kingsbury County, South Dakota
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number) Gary Wolkow 605-854-9074 PO Box 70
De Smet, SD 57231-0070



Attachment #5

OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

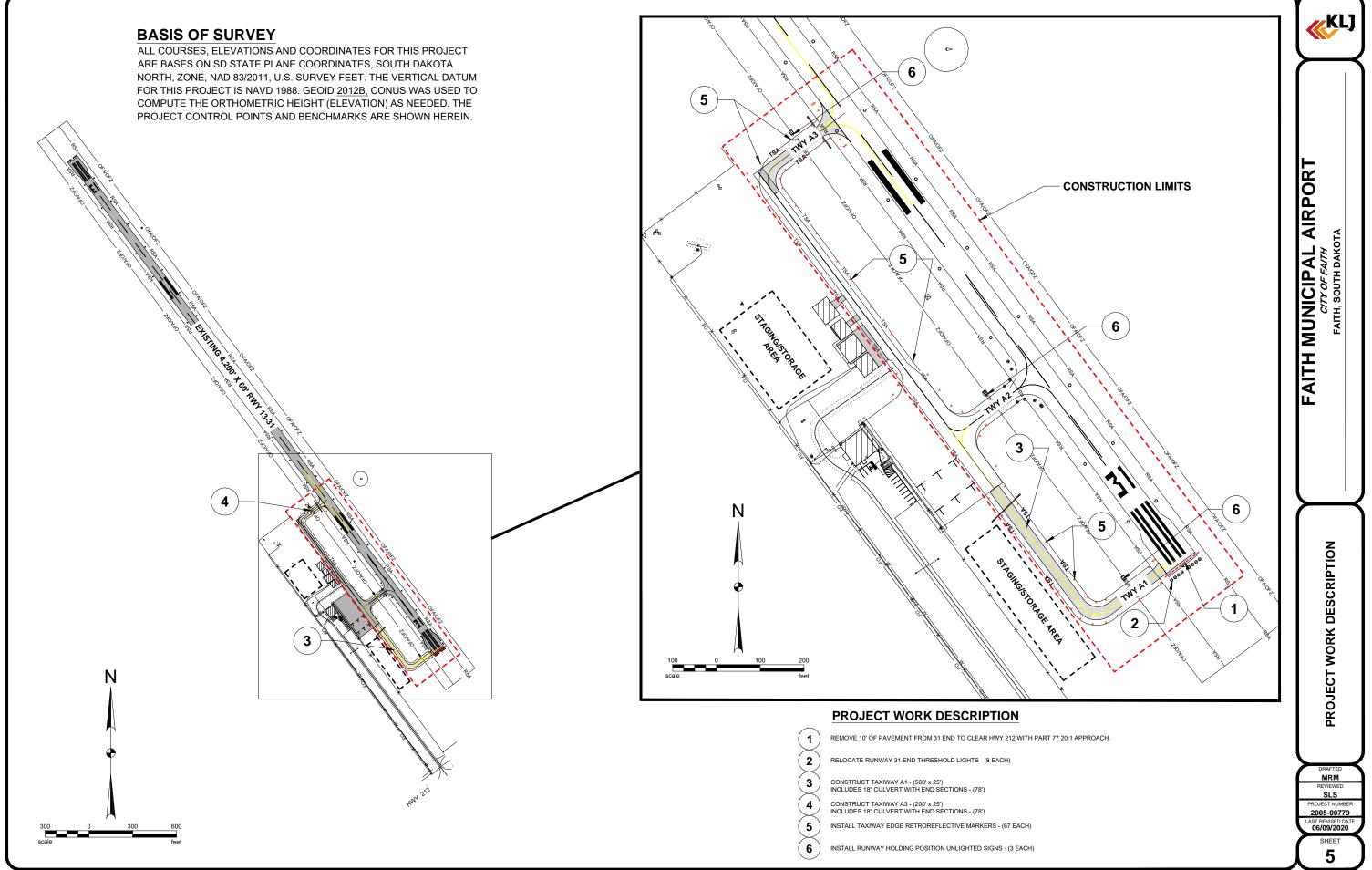
PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
2. Denents Anticipated.
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)

Attachment #5

OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
2. Denents Anticipated.
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)



Part IV - Program Narrative

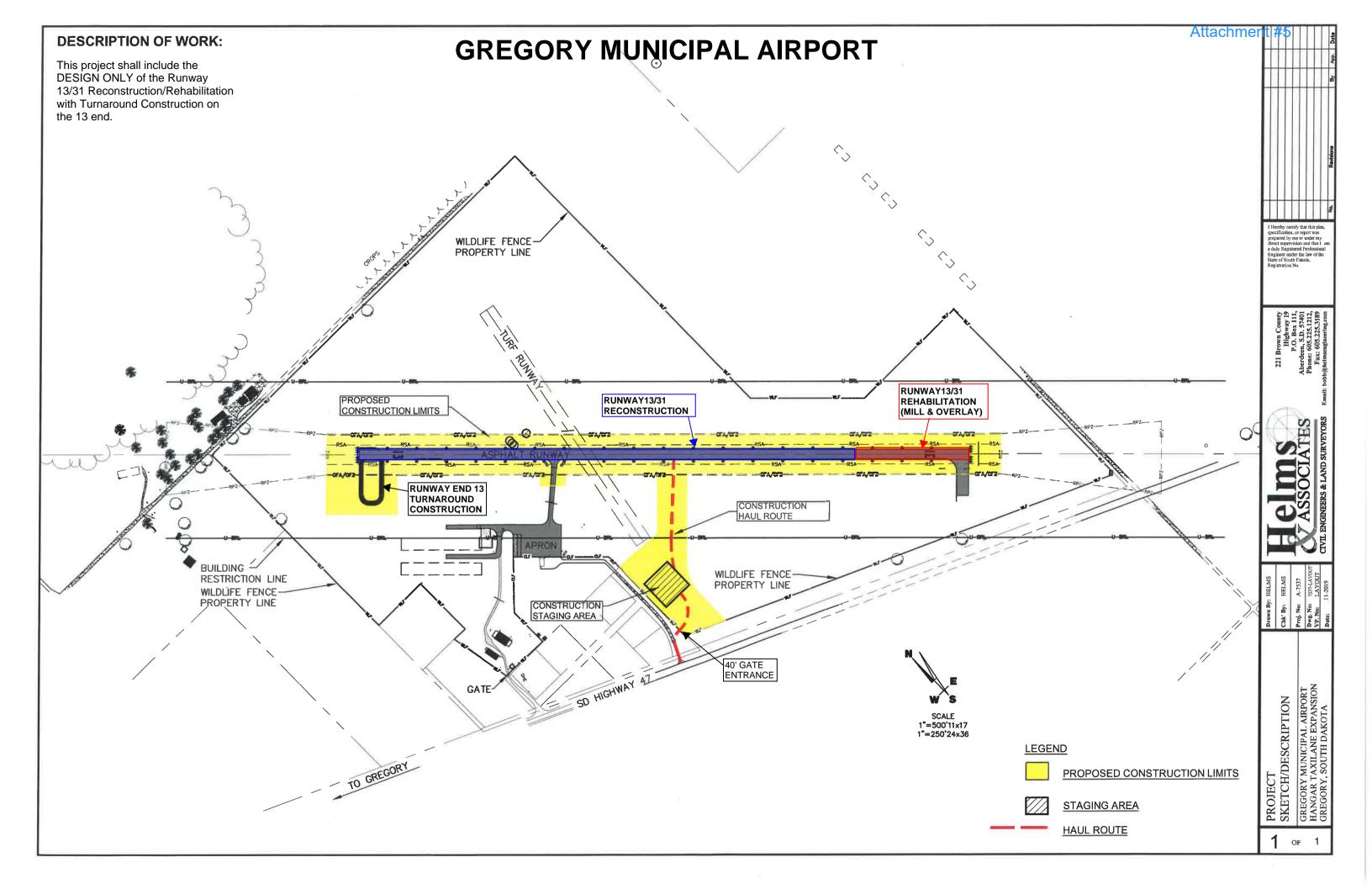
PROJECT: AIP #3-46-0077-011-2020
AIRPORT: Flandreau Municipal Airport
1. Objective:
This project shall consist of an update to the ALP and review of alternatives for the primary runway.
2. Benefits Anticipated:
A review of alternatives meeting the FAA standards for RPZ and an update to the ALP are needed.
3. Approach: (See approved Scope of Work in Final Application)
Complete Alternatives Analysis and Update ALP.
· ·
4. Geographic Location:
Flandreau Municipal Airport, Moody County, South Dakota
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)
Mark Borrud, Mayor 605-997-2492
1005 W. Elm Ave. Flandreau, SD 57028

Attachment #5

OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
2. Denents Anticipated.
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)



Madison Municipal Airport Design Apron Expansion AIP #3-46-0029-018-2020 Apron Use Plan Narrative

In the approved April 2008 Airport Layout Plan (ALP) the stage 1 apron expansion included six (6) tiedown locations with the ultimate apron expansion adding an additional ten (10) tiedown locations. Also, since the 2008 ALP was approved demand for aircraft tiedown locations has increased significantly as the operating FBO on the field is operating a large flight school attracting many pilots to the airfield. The ALP expansions were to occur to the east of the airport owned hangar on the east side of the hangar development area. These expansions would require relocation of the existing airport owned hangar as well as the displacement of a row of hangars. When KLJ began evaluating the feasibility of relocating the City owned hangar prior to scoping of the project, it was determined that it would be highly unlikely the hangar would be able to be relocated and salvaged due to its construction materials and design. At this time, it was also determined the Airport and City were against displacing the row of hangars.

In addition, per the approved April 2008 ALP a full-length parallel taxiway serving the primary runway was constructed in 2019. Construction of this parallel taxiway resulted in the removal of nine (9) turf tiedown locations and significantly reduced the size of the North GA Apron essentially restricting the ability to park any planes on this apron. Prior to the parallel taxiway project, the airport had insufficient on-pavement tiedown locations as compared to the demand. The existing aprons are frequently filled with aircraft from transient corporate aircraft to the local flight school aircraft. Currently the airport only has two (2) on-pavement tiedown locations on the South GA Apron. This is insufficient for the demand for on-pavement tiedown locations at the airport.

Considering the above information, KLJ began to develop alternatives for an apron expansion that could accommodate required apron expansion needs while limiting impacts to existing facilities. After several renditions were presented to the City and Airport a preferred alternative was developed. The preferred alternative was submitted to the FAA Dakota-Minnesota ADO and OE/AAA Portal for review and approval. The proposed apron expansion is the same as shown on this recently approved Terminal Area Plan Update of the ALP. The proposed apron expansion would include seven (7) new on-pavement aircraft tiedown locations and provide space for additional future hangar development as well. The seven (7) new on-pavement aircraft tiedown locations were chosen to maximize the recovery of the nine (9) removed turf tie downs from the parallel taxiway project. The Terminal Area Plan Update did not account for all nine (9) lost turf tie down locations in the design as it was laid out to accommodate future hangar development and taxilanes in the area as well per the original layout.

Part IV - Program Narrative

PROJECT: AIP #3-46-0082-012-2020	·
AIRPORT: McLaughlin Municipal Airport	
1. Objective:	
This project shall consist of an ALP update with an accompanying narrative report. Included with a obstruction survey and Archaeological/TCS survey.	the ALP update is an aeronautical
	:
2. Benefits Anticipated:	
The current ALP was completed as part of a grant in 2000. The ALP needs to be updated to show the future. As part of the update, an approach survey will also be performed in order for the airport end of the runway.	v existing conditions and plan for t to obtain approaches on either
and the second of the control of the	Line of the Control o
3. Approach: (See approved Scope of Work in Final Application)	
Conduct meetings with the City and airport advisory board. Coordinate meetings with the City, SDDOT, and FAA. Topographical Survey	
Sub-consultant to Perform Aeronautical Obstruction Survey Sub-consultant to Perform Archaelogical/TCS Survey	
Develop Airport Layout Plan Compose Airport Narrative Report Project Closeout Documents	
4. Geographic Location:	
McLaughlin Municipal Airport, McLaughlin, Corson County, South Dakota	
5. If Applicable, Provide Additional Information:	
	·
6. Sponsor's Representative: (include address & telephone number)	
Arnold Schott, Mayor 605-823-4428	
PO Box 169 McLaughlin, SD 57642-0169	

PART IV - PROGRAM NARRATIVE

PROJECT: AIP #3-46-0034-017-2020
AIRPORT: Milbank Municipal Airport
The City of Milbank completed an EA for the purchase of property for the Runway 13/31 RPZ Departure Surfaces.
2. Benefits Anticipated:
The land apprasals and acquisition are necessary to ensure compatible land use by keeping incompatible land uses from being constructed there and to maintain clear approaches.
3. Approach: (See approved Scope of Work in Final Application)
Appraisals were completed Offers have been distributed Negotiations with the land owners have occured or are occuring Finalizing purchase agreements
4. Geographic Location: Milbank Municipal Airport Milbank, Grant County, South Dakota
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)
John Foreman, City Administrator 605-432-9575 1001 E. 4th Ave. #301 Milbank, SD 57252

Part IV - Program Narrative

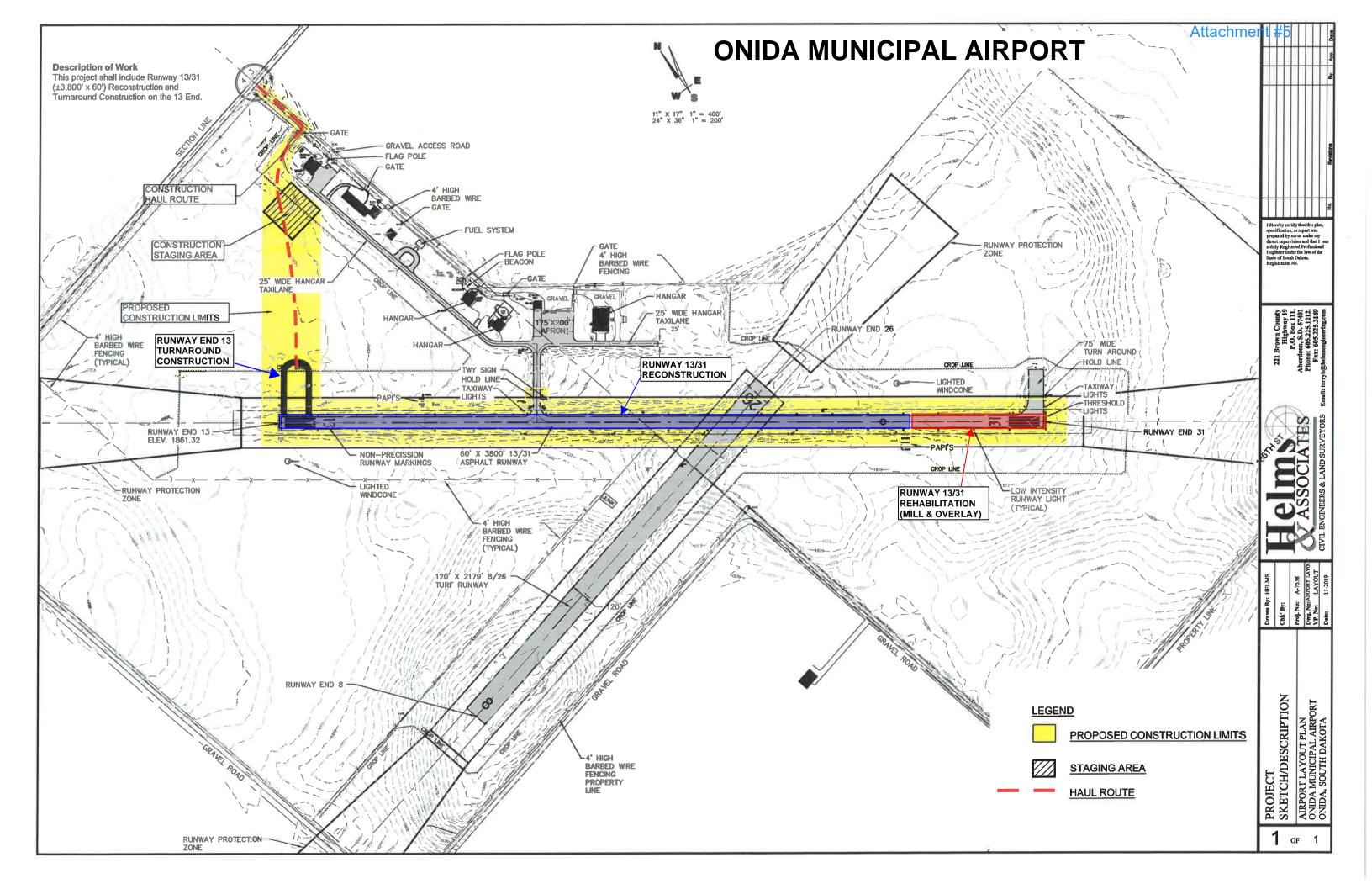
PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)

Attachment #5

OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 8/31/2019

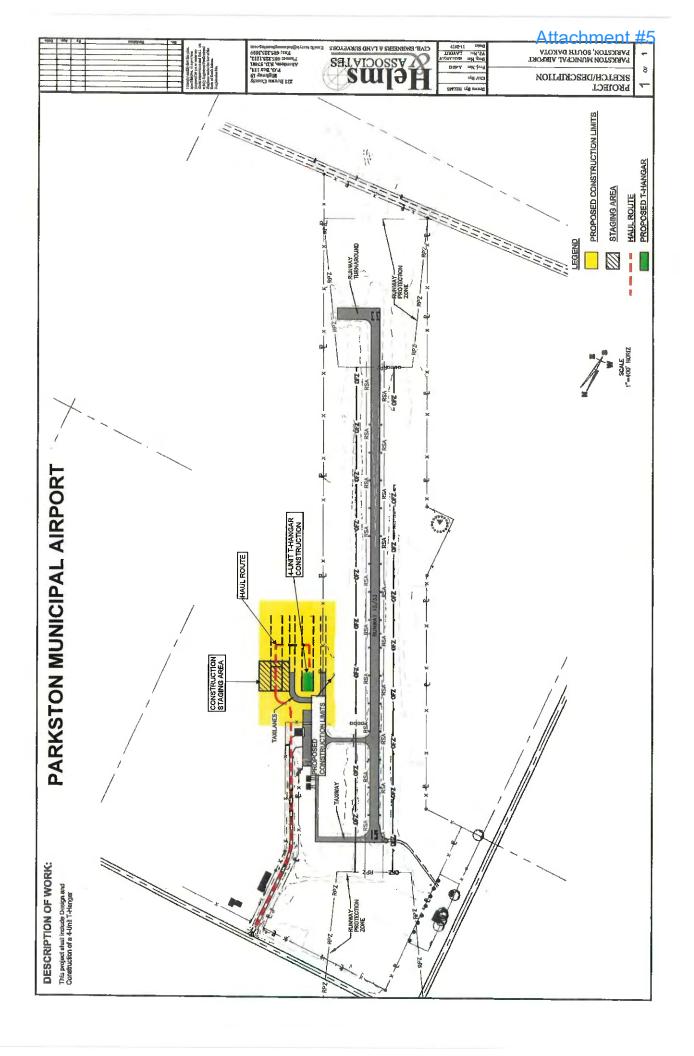
PART IV - PROGRAM NARRATIVE

PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
2. Denents Anticipated.
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)



PART IV - PROGRAM NARRATIVE

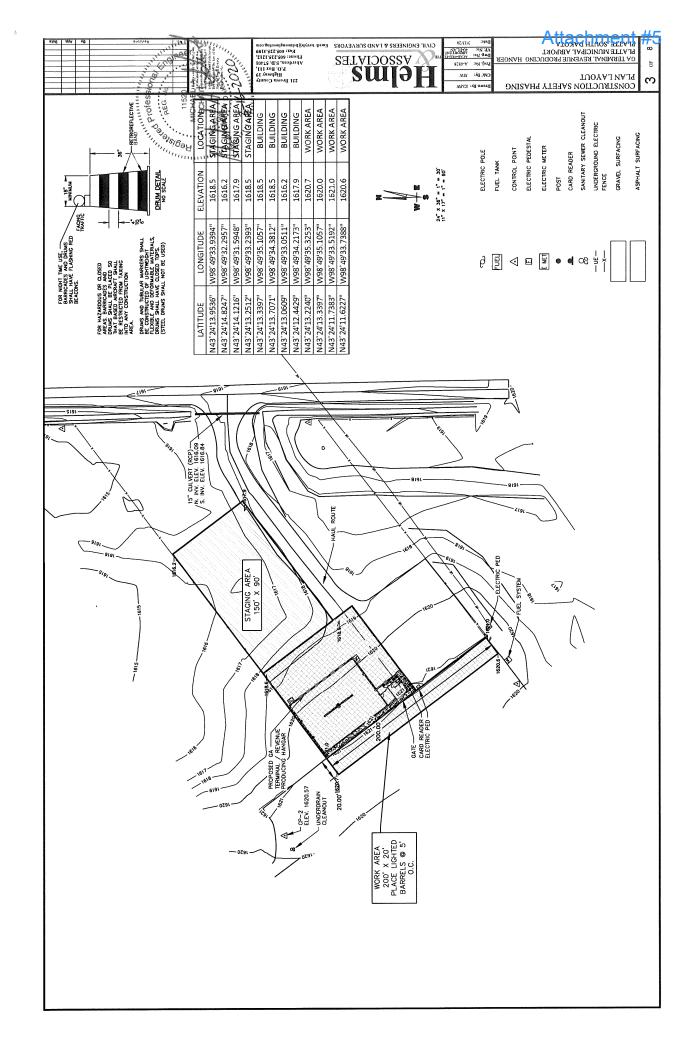
PROJECT: AIP #3-46-0042-013-2020
AIRPORT: Parkston Municipal Airport
This project shall consist of the Design and Construction of a 4-Unit T-Hangar. The T-Hangar will be located between the new hangar taxilanes, southeast of the apron.
2. Benefits Anticipated:
The Parkston Municipal Airport recently constructed a hangar taxilane expansion in 2016. The existing hangar on the airport is full of aircraft and there is a growing need for additional hangar storage space at the airport. The proposed T-Hangar will allow for existing and transient users to store their aircraft. The construction of a revenue producing hangar would prevent pilots from being wait listed for hangar space, allowing Parkston to be a more financially secure airport.
3. Approach: (See approved Scope of Work in Final Application)
Complete Geotechnical Exploration Complete Topographic Survey Begin Design Develop Preliminary Design Report Develop Construction Safety Plan Complete Design for FAA Review Advertise the Project and Open Bids Award the Construction Contract Construct 4-Unit T-Hangars Prepare As-Constructed Drawings Assemble Closeout Documentation
4. Geographic Location:
Parkston Municipal Airport, Parkston, Hutchinson County, South Dakota
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)
David Hoffman, Mayor 605-928-7968 PO Box 490 Parkston, SD 57366



Attachment #5
OMB CONTROL NUMBER: 2120-0569
OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

PROJECT: AIP #3-46-0066-011-2020
AIRPORT: Platte Municipal Airport
1. Objective:
Construction of a Revenue Producing Hangar/GA Terminal Building
2. Benefits Anticipated:
There is no where for current users or transient users to get out of the weather when landing at the airport, a GA Terminal Building is needed. Also, a hangar will allow users to rent a space to store aircraft out of the weather.
reminal building is needed. Also, a hangar will allow users to rent a space to store and all out of the weather.
3. Approach: (See approved Scope of Work in Final Application)
Design and construct the GA Terminal/Hangar building
4. Geographic Location:
Platte Municipal Airport
Platte, Charles Mix County, South Dakota
F. M. Annillandia Donalda Additional Information
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)
Steve Christensen, Mayor 605-337-3921
PO Box 236 Platte, SD 57369-0236



Attachment #5
OMB CONTROL NUMBER: 2120-0569
OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

PROJECT: Rehabilitate Taxiway - Relocation of Runway 14-32 Hold Lines and Signage to meet Setback Standards
AIRPORT:
1. Objective:
2. Benefits Anticipated:
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
O One paralla Paralla station (f. 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
6. Sponsor's Representative: (include address & telephone number)

PROJECT WORK DESCRIPTION

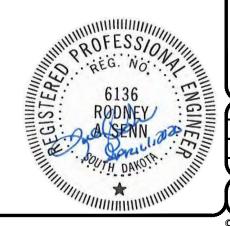
- OBLITERATE EXISTING HOLDING POSITION MARKINGS AT TAXIWAYS A1, A2, B, A3, A4, A5, A6, AND A7.
- 2 INSTALL NEW HOLDING POSITION SURFACE MARKINGS AT 282 FEET FROM RUNWAY CENTERLINE AT TAXIWAYS A1, A2, B, A3, A4, A5, A6, AND A7.
- REMOVE AND SALVAGE EXISTING TAXIWAY HOLDING POSITION SIGNS AT TAXIWAYS A1, A2, B, A3, A4, A5, A6, AND A7. DISPOSE OF SIGN FOUNDATIONS AND BASE CANS.
- INSTALL SALVAGED SIGNS WITH NEW BASE CANS AND FOUNDATIONS AT NEW HOLD LINE POSITIONS.
- REMOVE AND SALVAGE EXISTING RUNWAY GUARD LIGHTS AT TAXIWAYS A1, A2, B, A3, A4, A5, A6, AND A7 AND INSTALL NEW SOLID COVER OVER EXISTING BASE CANS. 5
- INSTALL SALVAGED RUNWAY GUARD LIGHTS ON NEW BASE CANS AT NEW RUNWAY HOLDING POSITIONS (BID ALTERNATE REPLACE ALL EXISTING RUNWAY GUARD LIGHT FIXTURES WITH NEW FIXTURES).

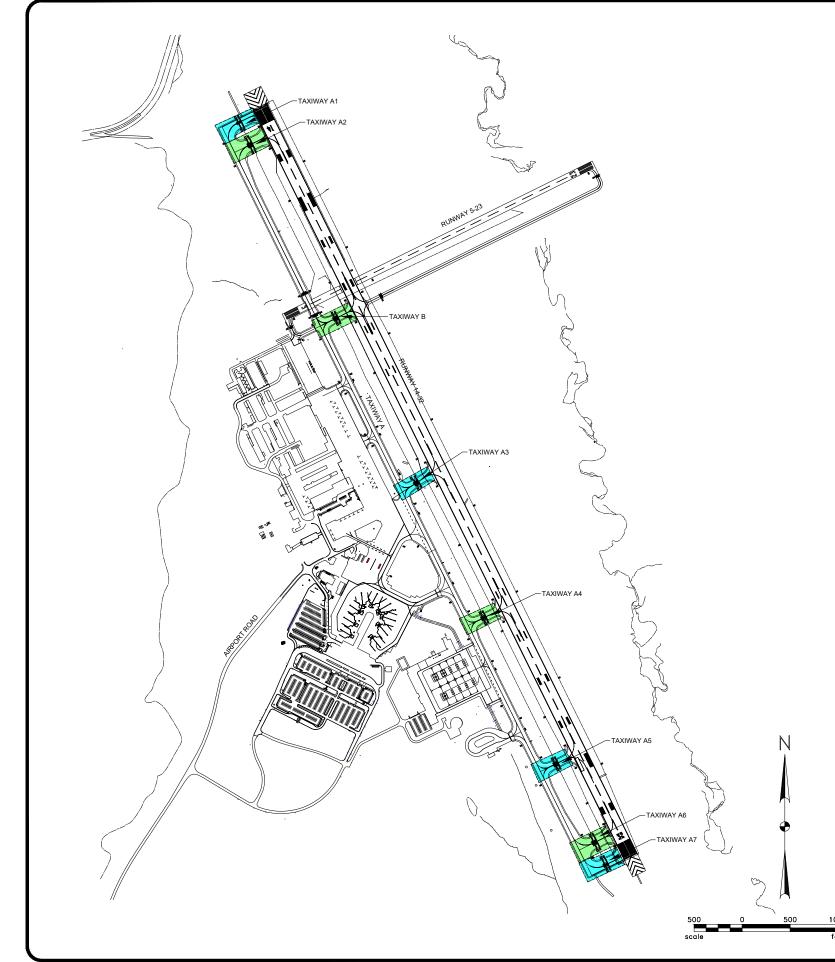
PHASE 1 - RELOCATION OF HOLDING POSITIONS INCLUDING SIGNS, RUNWAY GUARD LIGHTS, AND SURFACE MARKINGS LOCATED AT TAXIWAYS A1, A3, A5, AND A7

PHASE 2 - RELOCATION OF HOLDING POSITIONS INCLUDING SIGNS, RUNWAY GUARD LIGHTS, AND SURFACE MARKINGS LOCATED AT TAXIWAYS A2, B, A4, AND A6









RODNEY GINE RODNEY ON THE DAYOUR DAYO

PROJECT WORK DESCRIPTION

- REMOVE AND REPLACE PASSENGER BOARDING BRIDGE GATE #6

- REMOVE AND REPLACE PASSENGER BOARDING BRIDGE GATE #3

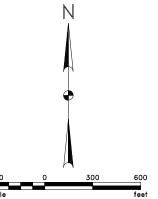
3 - REMOVE AND REPLACE PASSENGER BOARDING BRIDGE GATE #5 (ADD ALTERNATE 1)

M Mr.

NOTE:
BRIDGES TO BE INSTALLED ON EXISTING OR NEW FOUNDATIONS AND WILL INCLUDE ELECTRICAL POWER SUPPLY. UPGRADES EXISTING CIRCUITS AS NECESSARY.

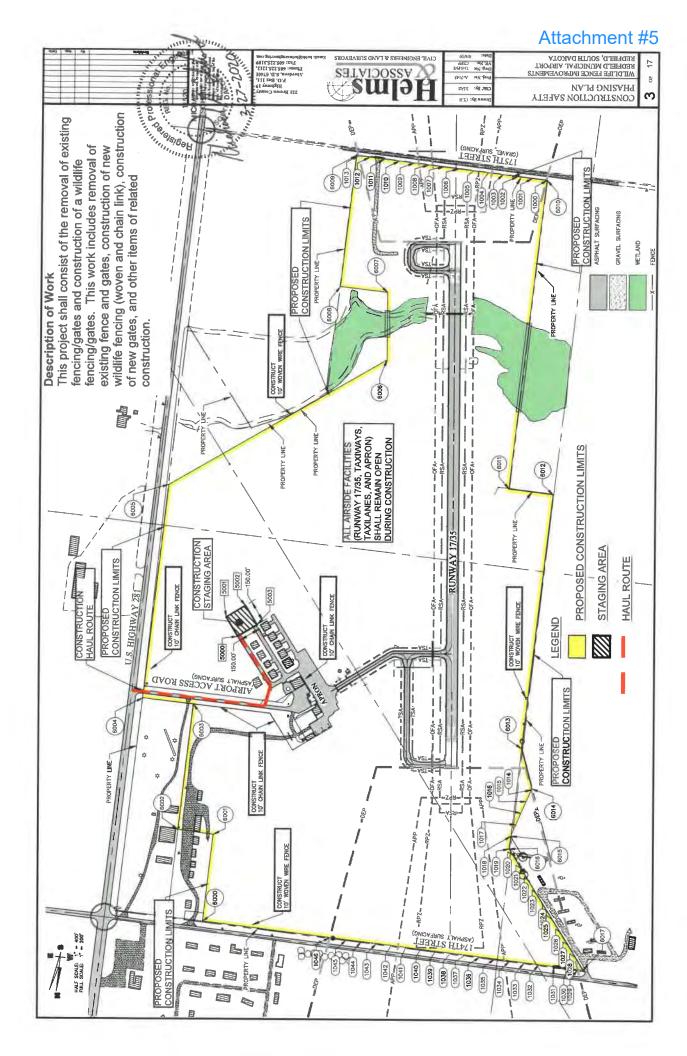
LEGEND

GATE 6 - CONSTRUCTION AREA GATE 3 - CONSTRUCTION AREA GATE 5 - CONSTRUCTION AREA (ADD ALTERNATE 1)



PART IV - PROGRAM NARRATIVE

PROJECT: AIP #3-46-0049-013-2020
AIRPORT: Redfield Municipal Airport
1. Objective:
This project shall consist of a 10' high wildlife fence. Gates will be provided at applicable locations.
2. Benefits Anticipated:
With the new Runway 17/35 construction, the existing barb wire fence does not encompass the existing airport property. The airport is less than one mile from Turtle Creek and has a large wetland on the southeast side of the airport. Both are large wildlife attractants of not only waterfowl but large and small mammals as well. By constructing a 10' high wildlife fence, access by large mammals will be reduced and security at the airport enhanced.
3. Approach: (See approved Scope of Work in Final Application)
Advertise the Project and Open Bids Award the Construction Contract Construct Wildlife Fence Prepare As-Constructed Drawings Assemble Closeout Documentation
4. Geographic Location:
Redfield Municipal Airport, Redfield, Spink County, South Dakota
5. If Applicable, Provide Additional Information:
As part of the new runway construction, multiple wetlands were mitigated, a post construction site visit will aid in evaluation of how mitigated wetlands have been affecting wildlife in the area.
6. Sponsor's Representative: (include address & telephone number)
Randy Maddox, Council President 605-472-4550 626 Main Street Redfield, SD 57469



Part IV - Program Narrative

PROJECT: AIP #3-46-0082-012-2020
AIRPORT: Rosebud Sioux Tribal Airport
1. Objective:
This project shall consist of a Master Plan and ALP update. Included with the ALP update is an aeronautical obstruction survey.
2. Benefits Anticipated:
Rosebud Sioux Tribal Airport completed construction of its new facility in 2010. New buildings have been constructed and the airport has gained an approach since its original construction. The ALP needs to be updated to show existing conditions and make a plan for the future.
3. Approach: (See approved Scope of Work in Final Application) Conduct meetings with the City and airport advisory board. Coordinate meetings with the City, SDDOT, and FAA. Topographical Survey Sub-consultant to Perform Aeronautical Obstruction Survey Develop Airport Layout Plan Compose Airport Narrative Report Project Closeout Documents
4. Geographic Location:
Rosebud Sioux Tribal Airport, Rosebud, Todd County, South Dakota
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)
Rodney Bordeaux, Tribal President 605-854-3731 PO Box 430 Rosebud, SD 57570

OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

(Suggested Format)

PROJECT: AIP #3-46-0041-012-2020

AIRPORT: Sturgis Municipal Airport

1. Objective:

The project will consist of the construction of a 6-Unit T-Hangar. As the T-Hangars require two hangar taxilanes, the north portion of the apron will remain and become the hangar taxilane for the three T-Hangars facing that direction. The taxilane will be approximately 25' x 200'. The existing hangar taxilanes do not have adequate radius fillets, and will be filled as part of this project. Currently, there are electrical transformers and a light pole in the Aircraft Design Group (ADG) I Taxilane Object Free Area (TOFA). Based on the aircraft using the taxilanes, the obstructions will be relocated or Modification of Standard for a modified TOFA will be submitted for the appropriate taxilane to avert relocation costs, if possible. The project will also pave ±300' of the remaining portion of the access road.

2. Benefits Anticipated:

There are 48 based aircraft at the Sturgis Municipal Airport, with only 19 hangars to house them. As an example, there are currently 9 aircraft stored in an 80' x 100' hangar. The aircraft must be maneuvered very precisely and there is hardly room to walk when all aircraft are stored. A hangar taxilane will need to be constructed on the south side of the three T-Hangars for aircraft access. The existing taxilane radii are under designed and aircraft tires track through the grass on many occasions. The radius fillets will be filled to prevent aircraft from leaving the taxilane.

3. Approach: (See approved Scope of Work in Final Application)

Advertise the Project and Open Bids Award the Construction Contract Construct 6-Unit T-Hangar Construct Hangar Taxilane Enlarge Existing Taxilane Radius Fillets Remove Objects from TOFA Pave Remaining Portion of Access Road Prepare As-Constructed Drawings Assemble Closeout Documentation

4. Geographic Location:

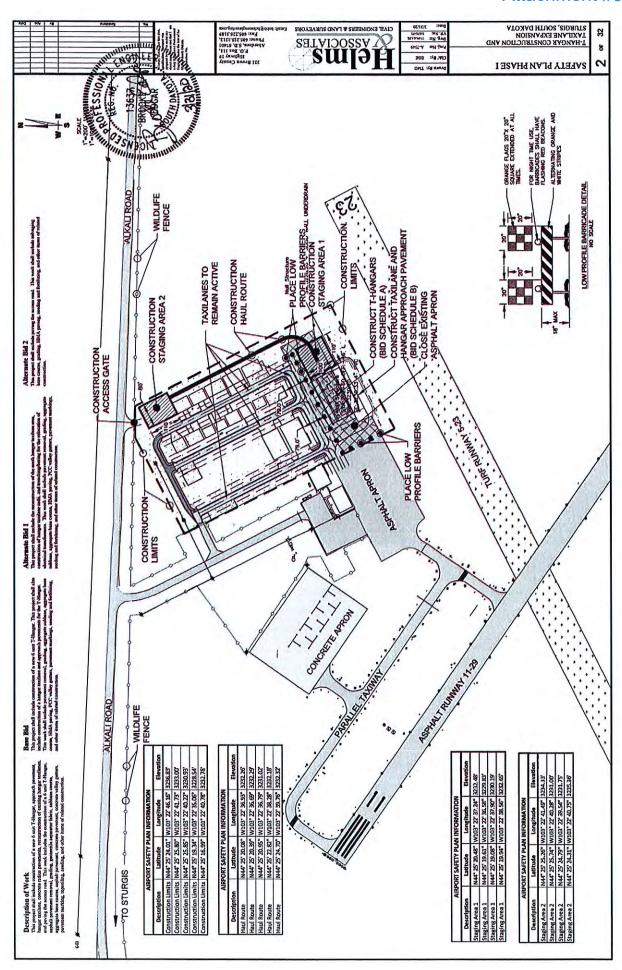
Sturgis Municipal Airport, Sturgis, Meade County, South Dakota

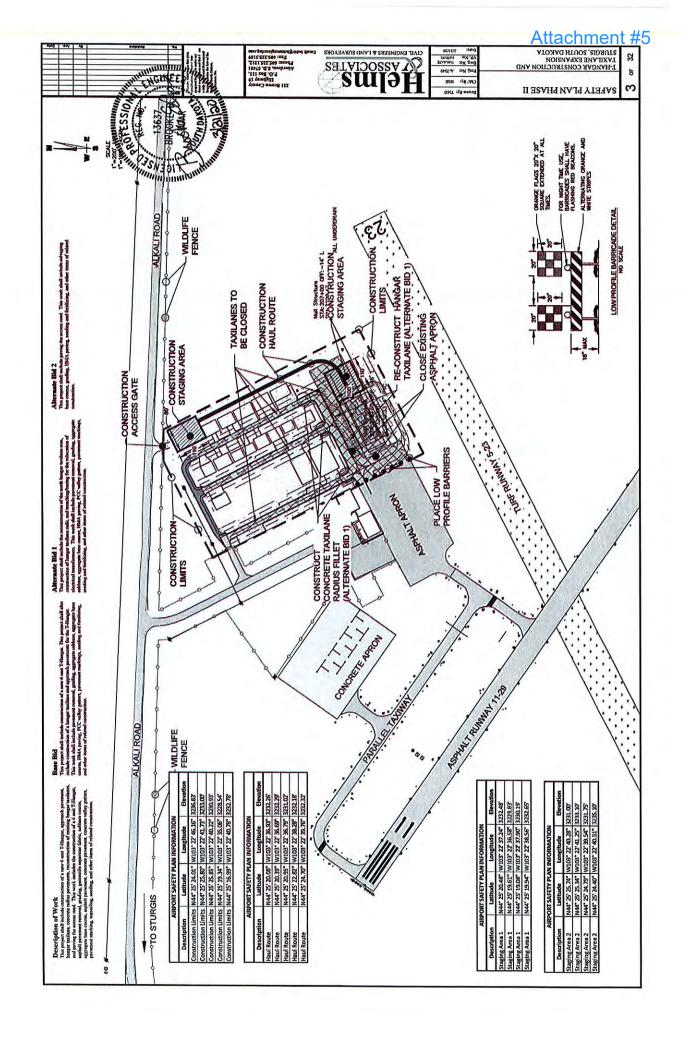
5. If Applicable, Provide Additional Information:

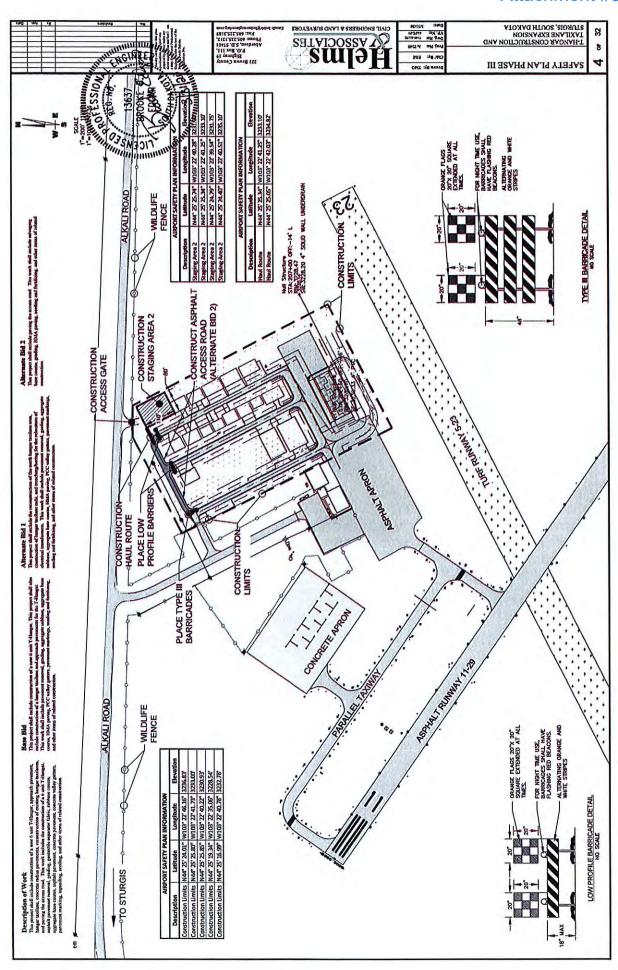
The access road and parking areas are all paved with the exception of the northern access within the fence. The GA tenants use the first gate for access to their hangars. The access is gravel beyond the gate and FOD is tracked onto the airfield pavement on a regular basis. Paving this ±300' of access will significantly reduce the FOD on the airfield.

6. Sponsor's Representative: (include address & telephone number)

Dave Smith, Director of Planning & Permitting 605-347-4422 1040 Harley Davidson Way Sturgis, SD 57785-1552





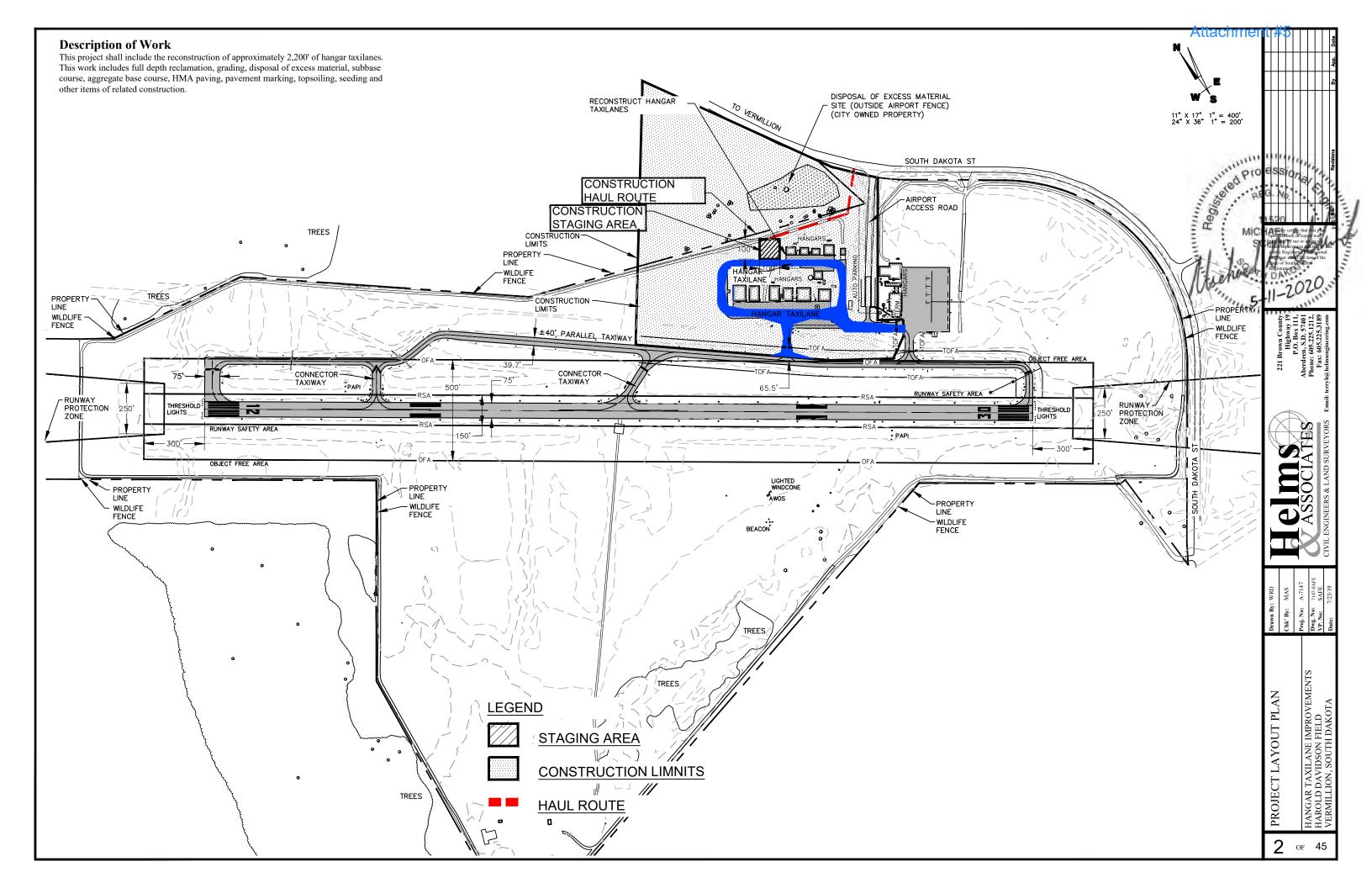


Attachment #5

OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

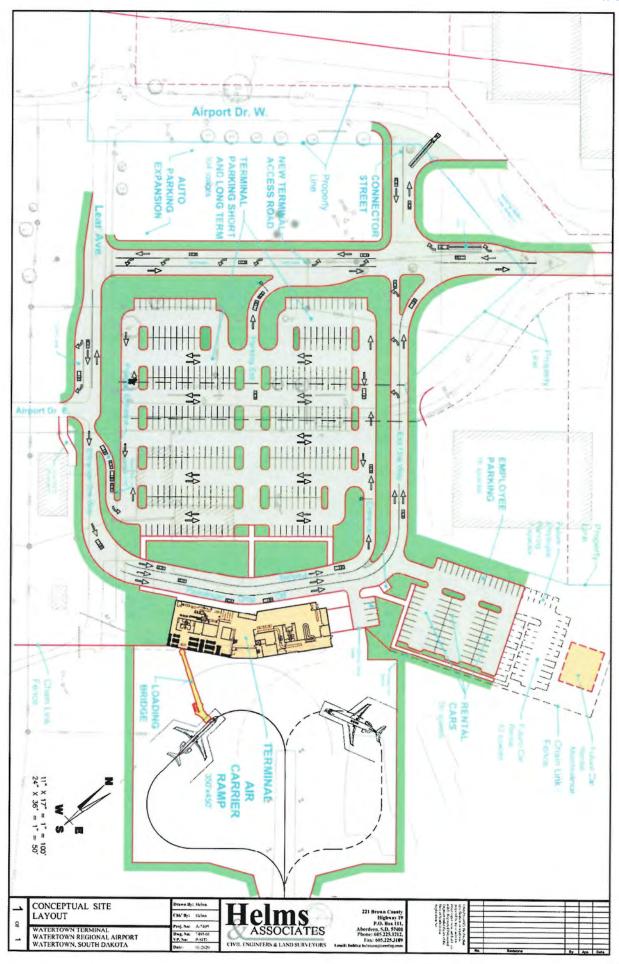
PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
2. Delicitis Anticipated.
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)



OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

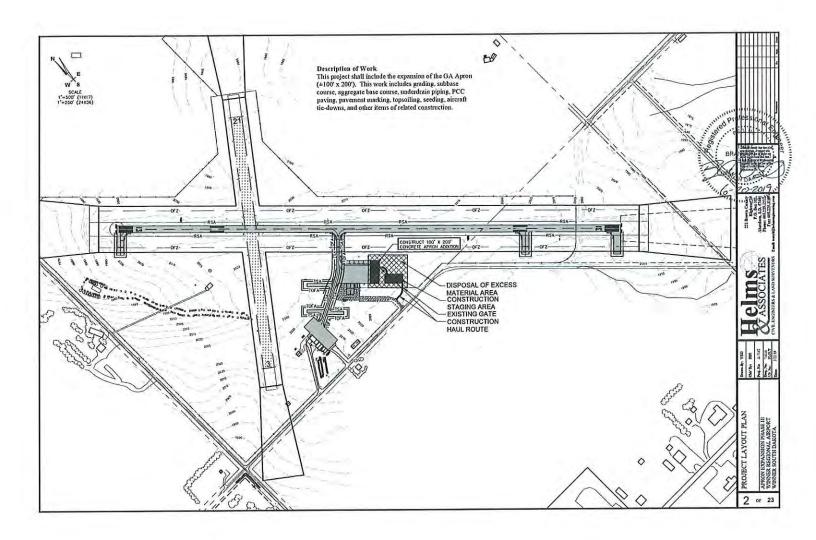
PROJECT: AIP #3-46-0058-035-2020
AIRPORT: Watertown Regional Airport
Objective: Purchase AFFF Cart Design Terminal Project
2. Benefits Anticipated:
A new terminal building and associated civil site work shall be designed.
3. Approach: (See approved Scope of Work in Final Application)
Complete Geotechnical Subgrade Exploration Complete Topographic Survey Begin Design Develop Preliminary Design Report Develop Construction Safety Plan Complete Design for FAA Review Advertise the Project and Open Bids Award the Construction Contract
4. Geographic Location:
Watertown Regional Airport, Coddington County, South Dakota
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)
Sarah Caron, Mayor 605-882-6200 PO Box 910 Watertown, SD 57201-0910

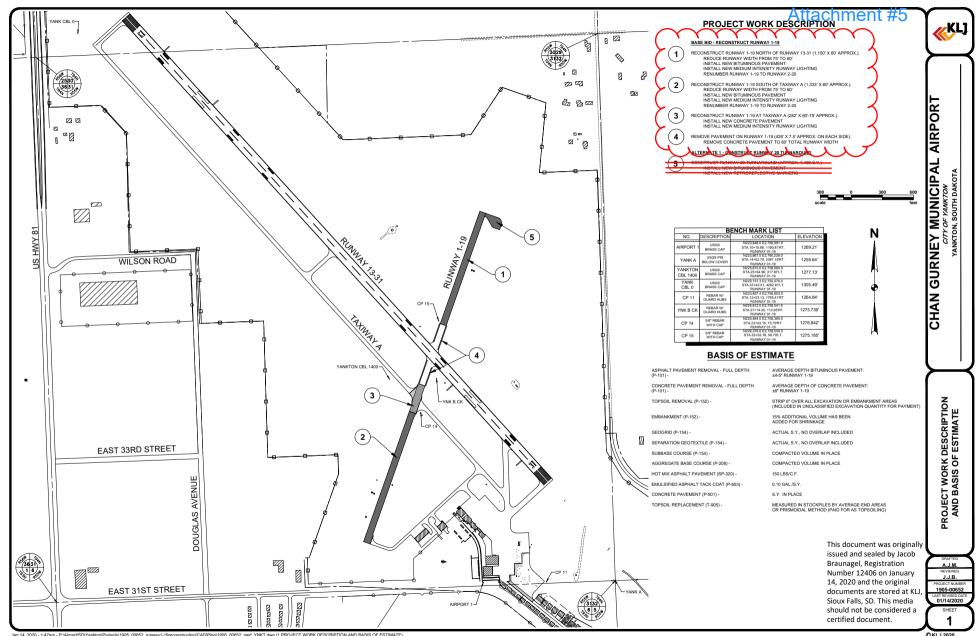


OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

PROJECT: AIP #3-46-0061-16-2020
AIRPORT: Winner Regional Airport
Objective: Design for Lower Apron Expansion - Phase II
2. Benefits Anticipated:
Phase II of the apron expansion will allow for large aircraft to use the apron. Currently, there are many occasions in which an aircraft cannot enter the apron because of parked aircraft and aircraft at the fueling station, leaving inadequate room for the aircraft to enter.
3. Approach: (See approved Scope of Work in Final Application)
Design an approximate 100' x 200' expansion on the southeast side of the lower apron. Advertise and Bid the project. Award the construction Contract.
4. Geographic Location:
Winner Regional Airport Winner, Tripp County, South Dakota
5. If Applicable, Provide Additional Information:
Geotechnical exploration of the site was completed with the Phase I Design of Lower Apron Expansion
6. Sponsor's Representative: (include address & telephone number)
Jody Brozik, Mayor 605-842-2606 325 S Monroe Suite #118 Winner, SD 57580





Attachment #5
OMB CONTROL NUMBER: 2120-0569
OMB EXPIRATION DATE: 8/31/2019

PART IV - PROGRAM NARRATIVE

PROJECT:
AIRPORT:
1. Objective:
2. Benefits Anticipated:
2. Deficits Anticipated.
3. Approach: (See approved Scope of Work in Final Application)
4. Geographic Location:
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: (include address & telephone number)