

Project Requirements

Airport Layout Plans

**“No, they aren’t
approved yet”**

Presented to: 2009 Bismarck ADO Fall Seminar

By: Dave Anderson, Program Manager

Date: October 27 and 28, 2009



**Federal Aviation
Administration**





Airport Layout Plans



- **The Airport Layout Plan (ALP) is a planning document for the development at your airport.**
- **The proposed project should be shown on an approved ALP.**
- **Because it's shown on the ALP doesn't mean that it is justified.**

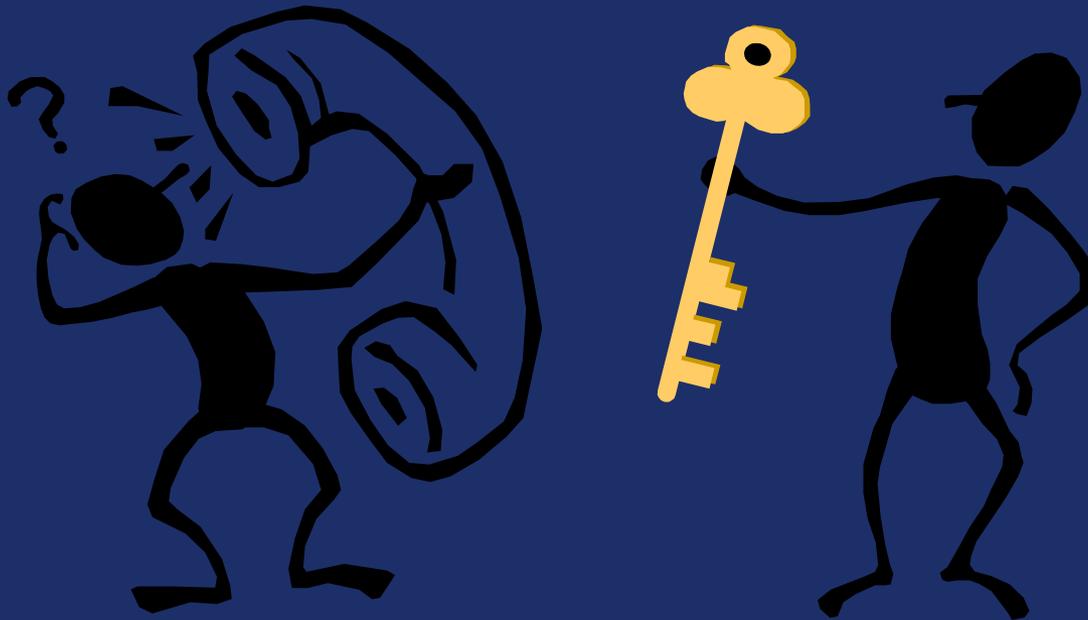
Airport Layout Plans



- Major projects to the airport need to be on the ALP or a revised ALP needs to be completed before the project can be funded.
- Minor projects to the airport changes can be completed through the airspace process (7460-1).

Airport Layout Plans

- Please call the ADO with your project early so we can identify the action needed.



Project Requirements

FORM SF 424

APPLICATION FOR FEDERAL ASSISTANCE

“May I have some money, please?”

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FORM SF 424

Application for Federal Assistance

- Commonly know as the “Grant Application”
- If you are using a consultant, generally they will complete this process for you
- Make sure you have the form completely and accurately populated



FORM SF 424

Application for Federal Assistance

- What is a D-U-N-S number?
- Created in 1962, the Data Universal Numbering System or D-U-N-S® Number is D&B's copyrighted, proprietary means of identifying business entities on a location-specific basis.



FORM SF 424

Application for Federal Assistance

- This unique nine-digit identification number has been assigned to over 100 million businesses worldwide.
- Registration is free
- Information from <http://www.dnb.com/us/>



FORM SF 424

Application for Federal Assistance

- “DESCRIPTIVE TITLE OF APPLICANT’S PROJECT”
- Make sure you include everything that you want to get reimbursed for.



FORM SF 424

Application for Federal Assistance

- When you use terms like “Miscellaneous Items” or “other items as needed for construction”, unfortunately they will not give you the gold key to reimbursement.



FORM SF 424

Application for Federal Assistance

- North Dakota Airports – Submit the Grant Application directly to the Bismarck ADO.
- South Dakota Airports – Submit the Grant Application to SDDOT. They will review, approve, and forward to the Bismarck ADO.



FORM SF 424

Application for Federal Assistance

- The grant application can be downloaded at:

www.faa.gov/airports/resources/forms/media/aip_sf_424.pdf

or

http://www.faa.gov/airports/northwest_mount_ain/airports_resources/forms/media/applications/application_sf_424.doc



COST SUMMARY



- **Provides a breakdown of different funding items in the grant (Construction, Engineering, Land, Environmental, etc.).**
- **For South Dakota, the Project Summary that the SDDOT puts together will work.**

MUDVILLE MUNICIPAL AIRPORT

MUDVILLE, ND

3-38-0099-057-2010

Project Description:

Reconstruct Runway 12/30; Install P.A.P.I.'s for Runway 12/30;
Update ALP; Land Acquisition (RPZ's).

Reconstruct Runway 12/30	\$1,200,000.00
Land Acquisition	\$150,000.00
Expand Apron	\$160,000.00
Install PAPIs	\$30,000.00
Update ALP	\$45,000.00
Basic Engineering	\$45,000.00
Inspection	\$35,000.00
Testing	\$15,000.00
Closeout	\$4,000.00
Administration	\$1,000.00
Total	\$1,685,000.00
Local	\$42,125.00
State	\$42,125.00
Federal	\$1,600,750.00



APPLICATION SKETCH



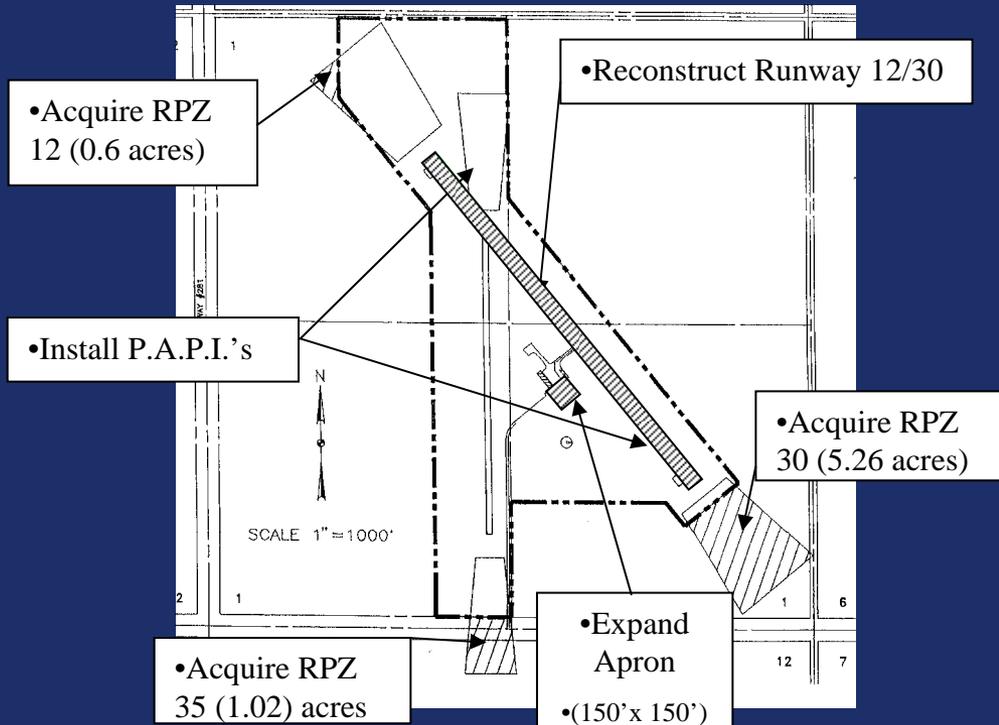
- A map of what the project is funding.
- Should contain major aspects of the project (land, rehabilitation, apron expansion, etc.).
- Does not need to show elements such as environmental, Airport Layout Plans, Master Plans.

APPLICATION SKETCH

CLAYTOWN INTERNATIONAL AIRPORT

CLAYTOWN, SD

3-46-0099-057-2010



Project Description:

Reconstruct Runway 12/30; Install P.A.P.I.'s for Runway 12/30;
Update ALP; Land Acquisition (RPZ's).

Project Requirements

JUSTIFICATION

“Can I build it, please?”

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JUSTIFICATION

- **Justification should be written so a person completely unfamiliar with the project understands what is being done and why.**



JUSTIFICATION

- Use Pavement Conditions Index from the Pavement Management Program run by your State.



- Give reasons why something needs replacing such as “The lightings system is 25 years old” or “The cost to repair the equipment is more than the equipment value”.

BROOKINGS REGIONAL AIRPORT (BKK)



JUSTIFICATION

- For the purchase of land, why do we need the land?
- Runway Protection Zone
- Runway Extension
- Approach Protection
- Expanding the Hangar Area



Project Requirements

PHOTOS

“Really, are you sure?”

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PRE-CONSTRUCTION PHOTOS

- **Documenting the need for construction.**
- **Enough pictures to adequately show what needs to be accomplished (items in the project descriptions).**



PRE-CONSTRUCTION PHOTOS

- Includes items such as:
 - Equipment Replacement
 - Terminal Rehabilitation
 - any project that is replacing or rehabilitating airport infrastructure







Existing Pavement Crack



Runway 14



Runway 14 Turnaround



Runway 32 Turnaround



Runway 32



KRAUS

312
STREETS

LEADSTAR



POST-CONSTRUCTION PHOTOS

- **Documents what has been completed.**
- **Try to take pictures of the same area for comparison.**
- **Enough pictures to adequately show what was accomplished (Should be items in the project descriptions).**

