

Agenda

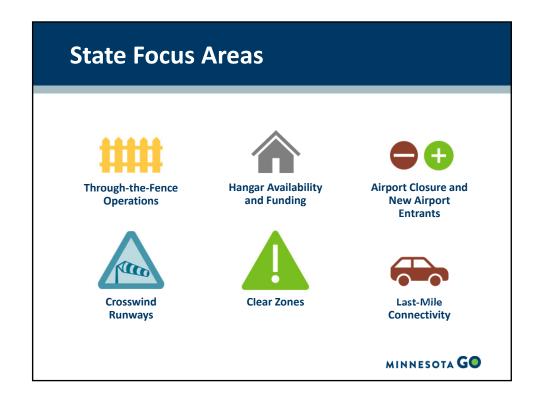
- MnSASP Overview
- State Funding Prioritization Model

Airport Shown: Sauk Centre Municipal Airport (D39)

133 airports in Minnesota state airport system Publicly owned Public-use 96 included in the National Plan of Integrated Airport Systems (NPIAS)



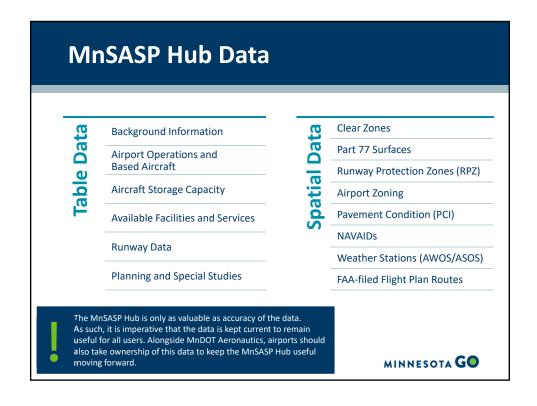






Continuous Planning

- The 2022 MnSASP collected a wide variety of aviation data points pertaining to the Minnesota state aviation system
- All data points are maintained in the MnSASP Hub, an ArcGIS web application now live at the following link:
- https://mnsasp-mndot.hub.arcgis.com/











Project Selection Policy

- MnDOT recently adopted a policy requiring <u>objective</u> and <u>transparent</u> processes to "evaluate, prioritize, and select all capital projects"
- Policy dictates that project selection should be based on criteria assigning numeric scores for submitted projects
- Policy leaves room for discretion with scoring, but reasoning must be provided for these project selection decisions

Project Selection Policy Policy FORTHER OF TRANSPORTATION Policy FORTHER OF TRANSPORTATION Policy FORTHER OF TRANSPORTATION Policy Owner: Assistant Commissioner – Sustainability, Planning, and Program Management Policy Contact: Project Selection Policy Coordinator, Office of Transportation System Management Policy Contact: Project Selection Policy Coordinator, Office of Transportation System Management Policy Statement The Minneuota Department of Transportation will use objective and transparent processes to: - evaluate, priorities, and select and capital projects, except those exempted by this policy in the applicability section below. - evaluate, priorities, and select encorruction projects on the size highway system to be included in the applicability section below. - evaluate, priorities, and select encorruction projects on the size highway system to be included in the analysis of the policy to reference that the policy of th

Existing Process

Green Line list is based on the National Priority Rating System (NPS) with "Grant Manager Adjustment" adding discretionary points to certain projects with little/no documentation on reasoning

Priority Score = 0.25P(S+1.4P+C+1.2T)











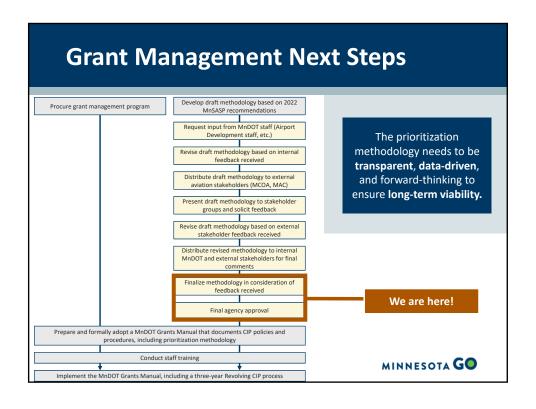
State Funding Prioritization

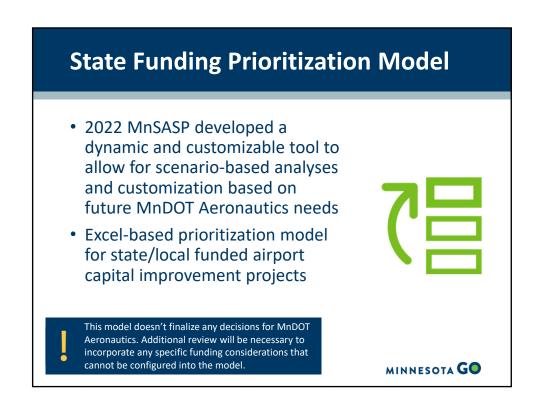
- MnDOT Aeronautics updated the project prioritization methodology to comply with the Project Selection Policy
- Methodology provides an <u>initial</u> ranking for submitted capital improvement requests based on MnSASP priorities
- Based on available funds and latest Funding Rates Letter, MnDOT Aeronautics will select projects for state funding <u>and provide explanation for any</u> <u>unique cases</u>











Model Development

- Coordination meetings with MnDOT Development to finalize considerations
 - Removed Based Aircraft, Minimum Standards, Airport Classification, and Local Funding Share
 - Added MnSASP performance metrics as criteria (clear zones, pavement, master plan/ALP)
- Presented draft methodology to the Minnesota Council of Airports (MCOA) and Metropolitan Airports Commission (MAC)

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Scoring Criteria

System Plan Alignment

- Master Plan/ALP
- Airspace Obstructions
- Clear Zones
- Work Type
- Zoning

MnDOT Priorities

- Airport Component
- Licensing Compliance



Model Scenarios: Airport A Existing Deficiencies 2024 CIP • Airspace obstructions • Obstruction Removal - Brush in ROFA present • Last ALP updated in 2000 • Corporate Hangar Construction Deficient pavement conditions per MnSASP • Fuel System Chip Card system metric Reader • Runway Lighting **Improvements Existing Conditions** State Classification: Intermediate Large MINNESOTA GO Single-runway facility

Model Scenarios: Airport B

Existing Deficiencies

- Airspace obstructions present
- Deficient airfield pavement per MnSASP system metric
- 95% clear zone ownership, no CZAP on-file
- Outdated airport zoning
- No public restrooms available

2024 CIP

- Pavement Maintenance -**Commercial Apron**
- Crack Seal Airfield Pavements
- Airport Zoning Update
- Replace Two Large Hangar **Doors**

Existing Conditions

State Classification: Intermediate Large Single-runway facility

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Master Plan/ALP

Evaluates if the airport has an updated Master Plan/ALP following the MnSASP targets (by state classification) AND the project is included in the updated plan.

Category	Score
Updated ALP/Master Plan on-file and project request is included in plan.	10
Airport has programmed ALP/Master Plan update or in process of updating ALP/Master Plan	5
Inadequate ALP/Master Plan with no updates programmed.	-5

Master Plan/ALP Scoring Scenario

Airport A

- Last ALP update in 2000, with no update programmed
- MnSASP metric requires intermediate large airports to update their ALP at least every 15 years
- All projects receive -5 points from this criteria

Airport B

- ALP updated and all 2024 CIP projects included in latest ALP
- All projects receive 10 points

Updated ALP/Master Plan on-file and project request is included in plan.





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Airspace Obstructions

Evaluates if the airport's Part 77 surfaces are clear of obstructions per MnDOT's airport licensing requirements OR the airport has an obstruction clearing project request.

Category	Score
Submitted project will clear obstructions in Part 77 surfaces	10
Airport has no obstructions in Part 77 surfaces	5
Airport has at least one submitted obstruction clearing project to alleviate Part 77 deficiencies	5
Obstructions identified in Part 77 surfaces with no programmed fixes	-10

Airspace Obstructions Scoring Scenario

Airport A

- Obstruction removal project receives 10 points
- With at least one obstruction clearing project programmed, all other projects received 5 points

Airport B

- Obstructions exist, but the airport has no programmed fixes
- All projects are deducted 10 points

Submitted project will clear obstructions in Part 77 surfaces

Airport has no obstructions in Part 77 surfaces OR Airport has at least one submitted obstruction clearing project to alleviate Part 77



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Clear Zones

Evaluates if MnDOT-defined clear zone are owned in 100 percent fee-simple or a MnDOT approved Clear Zone Acquisition Plan (CZAP) is on-file. This is per MnDOT's update to the Clear Zone Policy recommended by the 2022 MnSASP.

Category	Score
Submitted project will acquire land designated as MnDOT clear zones per Clear Zone Policy	10
Airport has 100% clear zone ownership or approved CZAP on-file	5
Airport has at least one submitted land acquisition project for MnDOT clear zones OR the airport is actively coordinating with MnDOT to file a CZAP	5
Partial/no clear zone ownership without a CZAP on file and no	-10



Clear Zones Scoring Scenario

Airport A

 No clear zone deficiencies, so all projects receive 5 points

Airport B

- Airport has incomplete ownership of clear zones and no CZAP on-file
- All projects are deducted 10 points

Submitted project will acquire land designated as MnDOT clear zones per Clear Zone Policy

Airport has 100% clear zone ownership or approved CZAP on-file Airport has at least one submitted land acquisition project for MnDOT clear zones OR the airport is actively coordinating with MnDOT to file a



identified in Part 77 surfaces with no programmed fixes

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Work Type

Evaluates if the project is remediating a pavement condition deficiency per MnSASP-defined system metric, preserving other existing airport assets, or constructing new/expanded infrastructure. Ultimately, MnDOT Aeronautics is prioritizing the preservation of existing assets rather than expansion.

Category	Score
Airport has an identified pavement condition deficiency (per MnSASP-defined system metric), and the project request will remediate the issue	20
Airport has adequate pavement per MnSASP metric, and the project request is addressing other pavement issues	15
Airport has adequate pavement, but the project request is maintaining other airport assets (ex: lighting)	10
Project request is constructing new facilities or expanding existing infrastructure	0
Airport has an identified pavement condition deficiency (per MnSASP-defined system metric) with no programmed fix	-10

Work Type Scoring Scenario Airport A Airport B • Crack Seal Airfield Pavements receive • Deficient pavement conditions with no fix programmed 20 points for fixing deficient airfield pavement • All projects are deducted 10 points • Pavement Maintenance -Commercial Apron receives 15 points for addressing other pavement Airport has an identified pavement condition deficiency (per MnSASP-defined system metric), and the project request will • Replace Two Large Hangar Doors is remediate the issue maintaining other airport assets, so this project receives 10 points Airport has adequate pavement per MnSASP metric, and the project request is addressing Project request is constructing new facilities other pavement issues Airport has an identified pavement condition Airport has adequate pavement, but the project request is maintaining other airport deficiency (per MnSASP-defined system metric) with no programmed fix assets (ex: lighting)

Zoning

Evaluates if the airport has proper zoning established and on-file with MnDOT Aeronautics or is in the process of establishing/updating zoning. This is evaluated as a MnSASP performance metric in the MnSASP Hub.

Category	Score
Airport has adequate zoning established and on-file per MnDOT requirements.	10
Airport is establishing or updating zoning to comply with MnDOT requirements	5
Airport does not have adequate zoning and hasn't programmed a project to mitigate.	-10

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Zoning Scoring Scenario

Airport A

- Airport zoning established, adequate per MnDOT requirements, and on-file with MnDOT **Aeronautics**
- All projects receive 10 points

Airport B

- Airport zoning update programmed
- All projects receive 5 points

Airport has adequate zoning established and on-file per MnDOT requirements.





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Initial Comparison

Project	Airport	Master	Airspace	Clear	Work	Zoning	SUBTOTAL
		Plan/ALP	Obstructions	Zones	Туре		
Crack Seal Airfield Pavements	В	10	-10	-10	20	5	15
Pavement Maintenance - Commercial Apron	В	10	-10	-10	15	5	10
Obstruction Removal - Brush in ROFA	Α	-5	10	5	-10	10	10
Replace Two Large Hangar Doors	В	10	-10	-10	10	5	5
Corporate Hangar Construction	А	-5	5	5	-10	10	5
Fuel System Chip Card Reader	Α	-5	5	5	-10	10	5
Runway Lighting Improvements	А	-5	5	5	-10	10	5



Airport Component

This is indicating where the project is being directed to at the airport, ranging from primary runway to unknown.

Category	Score
Primary Runway	20
Taxiway Serving Primary Runway	18
Secondary Runway	16
Apron, Taxiway Serving Secondary Runway	14
Other Airfield Location	12
Taxilane	10
Terminal Building or Fuel Facilities	8
Hangar or Other Buildings	6
Landside	4
Unknown	0

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Airport Component Scoring Scenario

Airport A

- Obstruction Removal -Brush in ROFA receives 20 points for being associated with the primary runway
- Runway Lighting Improvements receives 20 points
- Fuel System Chip Card Reader receives 8 points
- Corporate Hangar Construction receives 6 points

Airport B

- Crack Seal Airfield Pavements receive 20 points for being applied to runway*
- Pavement Maintenance -**Commercial Apron receives** 14 points
- Replace Two Large Hangar Doors receives 6 points

*MnDOT CIP system has "runway" indicated with project



Licensing Compliance

This is evaluating whether the airport requesting state funds complies with all state licensing standards dictated in Rules (Minnesota Rules 8800.1600 Public Airport Licensing) OR has a project request to remediate a licensing deficiency.

Category	Score
Project alleviates a state licensing deficiency	20
Airport compliant with all state licensing standards	10
State licensing deficiency identified, and another project alleviates deficiency	10
N/A (Part 139 Airports)	10
Airport has state licensing deficiency and no programmed fix	-10

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State Licensing Standards Minnesota Rules 8800.1600 **Public Airport** Licensing Statutory Authority: MS s 14.388; 360.015; 360.018; 360.03; 360.90 History: 30 SR 215; 31 SR 350 MINNESOTA GO

Licensing Compliance Scoring Scenario

Airport A

- Obstruction removal project receives 20 points
- With at least one obstruction clearing project programmed, all other projects received 10 points

Airport B

- No public restrooms available and no CIPprogrammed or local fix planned
- All projects receive -10 points

a state licensing deficiency

Airport compliant with all state licensing standards.

State licensing deficiency identified, and another project alleviates deficiency. N/A (Part 139 Airports)

state licensing deficiency and no programmed fix

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Final Comparison

Project	Airport	Master Plan/ALP	Airspace Obstructions	Clear Zones	Work Type	Zoning	Airport Component	Licensing Compliance	TOTAL
Obstruction Removal – Brush in ROFA	А	-5	10	5	-10	10	20	20	50
Runway Lighting Improvements	Α	-5	5	5	-10	10	20	10	35
Crack Seal Airfield Pavements	В	10	-10	-10	20	5	20	-10	25
Fuel System Chip Card Reader	Α	-5	5	5	-10	10	8	10	23
Corporate Hangar Construction	А	-5	5	5	-10	10	6	10	21
Pavement Maintenance - Commercial Apron	В	10	-10	-10	15	5	14	-10	14
Replace Two Large Hangar Doors	В	10	-10	-10	10	5	6	-10	1



