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# Memorandum

Date: May 8, 2026

To: All Airport Regional Managers

From: Patricia Hiatt, Director (A), Airports Safety & Standards Directorate (AAS-1)

Prepared by: D'Lorah Small, Manager, Airport Design and Construction Branch (AAS-110)

Subject: FAA Review of Plans and Specifications (P&S) for Federally Funded Projects

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## **Background:**

This Memorandum provides updated guidance to Regional Airports Division and Airports District Offices (ADO) regarding the policy for the FAA review of plans and specifications (P&S) for projects funded through Federal grant programs. The previous guidance was established in 2016. In accordance with requirements outlined in FAA Order 5100.38, Airport Improvement Program (AIP) Handbook, the ADO must follow the AAS guidance for reviewing P&S for projects. Due to significant changes to project codes, average project costs and staffing levels, the policy requires modernization.

## **Summary of Significant Changes:**

1. Appendix 1, Plans and Specifications (P&S) Review Matrix, has been updated with current System of Airports Reporting (SOAR) Overall Development Objective (ODO)/Airport Capital Improvement Program (ACIP) codes with increased project cost thresholds at all review levels.
2. Appendix 1 consolidates both Primary/Part 139 Airports and Non-Primary Airports into the same matrix.
3. Sponsor certification is acceptable for pavement rehabilitation projects at the lowest project cost threshold.
4. Excluding an eligibility review, Building and Equipment projects are generally recommended to be sponsor certified.

## **Review of Plans and Specifications:**

Guidance from the 2016 Memorandum applies to all projects that have been reviewed and bid prior to the effective date of this Memorandum. Projects that have not been reviewed and bid as of

this date are to follow guidance in this Memorandum. The FAA review of P&S should be complete at the 90% design stage to capture the near-final design state before the project is bid and to allow enough time for sponsors to incorporate any necessary changes. On larger and/or more complex projects, additional reviews may be necessary before 90%.

The objectives of the P&S review by the FAA are as follows:

- Verify conformance to the approved scope of work;
- Verify the work meets AIP eligibility requirements;
- Verify conformance to FAA design and construction standards;
- Verify that required Federal terms are included; and
- Verify that Construction Safety and Phasing Plans developed are in conformance with FAA standards.

Review by the FAA must not be construed as a quality control check for the Engineer of Record, or in any other respect, support of the technical engineering calculations. Also, this review does not constitute an official approval of a Modification of Standards (MOS). All MOS proposals must be addressed in accordance with Order 5300.1, Modifications to Agency Airport Design, Construction and Equipment Standards. The FAA's review and comments do not in any way relieve the Engineer of Record of their professional duty to ensure the safety, constructability, and/or performance requirements of the P&S. At the same time, the FAA's comments must not be interpreted as providing technical direction to the Engineer of Record. Rather, the FAA provides its comments to the Airport Sponsor in connection with the requested Federal grant.

#### **Review Levels:**

There are three levels of P&S review: Sponsor Certification, General Review, and Full Review. Appendix 1 provides guidance as to what level of review is required. The Review Matrix is based upon the project code, airport classification and total estimated construction (or equipment) costs. This Memorandum establishes AAS baseline guidance for P&S review. Staff may choose to review the sponsor's P&S at a higher level of review than shown in Appendix 1. If staff workload permits, it is encouraged to complete additional review.

The three levels of review are designated as:

- (1) Sponsor Certification: FAA acceptance of P&S is based upon a satisfactory submission of sponsor certification per FAA Order 5100.38.
- (2) General Review: FAA acceptance of P&S is based upon sponsor certification and FAA's cursory P&S review. See Appendix 2, Plans and Specifications "General Review Guide".
- (3) Full Review: FAA acceptance of P&S is based upon sponsor certification and FAA's more comprehensive P&S review. See Appendix 3, Plans and Specifications "Full Review Guide".

#### **APPENDICES:**

- Appendix 1. Plans and Specifications (P&S) Review Matrix
- Appendix 2. Plans and Specifications "General Review Guide"
- Appendix 3. Plans and Specifications "Full Review Guide"

**APPENDIX 1**

**PLANS AND SPECIFICATIONS (P&S) REVIEW MATRIX**

				Acceptance of Plans & Specs Review Level		
PRIMARY and PART 139 AIRPORTS: NON-PRIMARY AIRPORTS:				< \$3M	\$3M-\$8M	> \$8M
NPIAS-ACIP Standard Descriptions and ODO Codes				< \$1M	\$1-3M	> \$3M
PROJECT DESCRIPTION	Purpose	Component	Type			
<b>AIRFIELD (AF)</b>	<b>AF</b>					
Construct/Expand Deicing Pad and Containment Facility	EN	AF	DI	Full	Full	Full
Conduct/Update Airfield Drainage Study	EN	AF	ES	Review <sup>1</sup>	Review <sup>1</sup>	Review <sup>1</sup>
Construct/Expand Sustainable Aviation Fuel Infrastructure	EN	AF	FF	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Improve/Repair Utilities [MAP]	OT	AF	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Develop New Pavement Management Plan/Conduct Pavement Study	PL	AF	NP	Review <sup>1</sup>	Review <sup>1</sup>	Review <sup>1</sup>
Update Pavement Maintenance Management Plan	PL	AF	UP	Review <sup>1</sup>	Review <sup>1</sup>	Review <sup>1</sup>
Reconstruct Deicing Pad and Containment Facility	RC	AF	DI	General	General	General
Reconstruct Airfield Drainage/Erosion Control	RC	AF	DR	Sponsor Cert	General	General
Reconstruct Airfield Equipment	RC	AF	MS	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Airfield Signage/Markings	RC	AF	SG	Sponsor Cert	General	General
Acquire Airfield Equipment	SA	AF	AQ	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Airfield Markings	SA	AF	CO	General	General	General
Airfield Safety Mitigation Measures	SA	AF	MT	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Airfield Guidance Signage	SA	AF	SG	General	General	General
Implement Wildlife Mitigation Measures	SA	AF	WH	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Airfield Equipment	ST	AF	AQ	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Airport Drainage/Erosion Control	ST	AF	DR	General	General	General
Install Airfield Guidance Signage	ST	AF	SG	Sponsor Cert	General	General
<b>APRON (AP)</b>	<b>AP</b>					
Construct Apron	CA	AP	CO	Full	Full	Full
Expand Apron	CA	AP	EX	Full	Full	Full
Reconstruct Apron	RC	AP	IM	General	General	General
Reconstruct Apron Lighting	RC	AP	LI	Sponsor Cert	General	General
Reconstruct/Replace Apron Marking and Signage	RC	AP	SG	Sponsor Cert	General	General
Rehabilitate Apron	RE	AP	IM	Sponsor Cert	General	General
Rehabilitate Apron Markings and Signage	RE	AP	SG	Sponsor Cert	Sponsor Cert	Sponsor Cert
Seal/Resurface Apron Pavement/Pavement Joints	RS	AP	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Apron	ST	AP	CO	Full	Full	Full
Expand Apron	ST	AP	EX	Full	Full	Full
Install Apron Edge Lights and/or Flood Lighting	ST	AP	LI	Glare Review <sup>2</sup>	Glare Review <sup>2</sup>	Glare Review <sup>2</sup>
Install Apron Marking and Signage	ST	AP	SG	General	General	General
<b>ACCESS [ENTRY] ROAD (AR)</b>	<b>AR</b>					
Reconstruct Access Road	RC	AR	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Access Road	RE	AR	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
<b>BUILDING (BD)</b>	<b>BD</b>					
Energy Efficiency Infrastructure	EN	BD	MS	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Emergency Operations Console	RC	BD	MS	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct ARFF Building	RC	BD	RF	Functional Review <sup>3</sup>	Functional Review <sup>3</sup>	Functional Review <sup>3</sup>
Reconstruct Sand & Chemical Storage/Snow Removal Equipment Building	RC	BD	SN	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate ARFF Building	RE	BD	RF	Functional Review <sup>3</sup>	Functional Review <sup>3</sup>	Functional Review <sup>3</sup>
Rehabilitate Sand & Chemical/Snow Removal Equipment Building	RE	BD	SN	Sponsor Cert	Sponsor Cert	Sponsor Cert
Expand/Construct ARFF Building	SA	BD	RF	Functional Review <sup>3</sup>	Functional Review <sup>3</sup>	Functional Review <sup>3</sup>
Improve Federal Contract Tower Building	ST	BD	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Emergency Operations Console	ST	BD	MS	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Rehabilitate/Modify/Expand Snow Removal Equipment Building	ST	BD	SN	Eligibility Review <sup>4</sup>	Eligibility Review <sup>4</sup>	Eligibility Review <sup>4</sup>
<b>BUILDING AND EQUIPMENT (BE)</b>	<b>BE</b>					
Repair/Rehabilitate/Modernize Sponsor-Owned FAA Contract Tower (BIL)	BL	BE	FC	Sponsor Cert	Sponsor Cert	Sponsor Cert
Repair/Rehabilitate/Modernize/Reconstruct Sponsor-Owned FAA-Operated ATCT (BIL)	BL	BE	FT	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Environmental Mitigation Measures	EN	BE	MT	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct ARFF Training Facility	RC	BE	TR	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Airport Lighting Vault	RC	BE	VU	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Acquire Aircraft Rescue and Fire Fighting Training Facility	SA	BE	TR	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct New FAA Contract Tower	SP	BE	CT	Sponsor Cert	Sponsor Cert	Sponsor Cert
Improve/Modify/Rehabilitate/Reconstruct FAA Contract Tower	SP	BE	RT	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Airport Lighting Vault	ST	BE	VU	Sponsor Cert	Sponsor Cert	Sponsor Cert

**Footnotes:**

1. Along with Sponsor Certification, the FAA shall review the deliverables as information from the document can be used to support or validate projects in the ACIP.
2. Along with Sponsor Certification, the FAA shall coordinate the project with AAS-100 to ensure lighting will not create glare or pilot confusion.
3. Along with Sponsor Certification, the FAA shall validate ARFF vehicle bay maximum door opening time.
4. Along with Sponsor Certification, the FAA shall determine percentage of non-eligible square footage.

**Note:**

PFC SOAR Codes have been omitted from this Matrix as they are not required to be reviewed.

**APPENDIX 1**

**PLANS AND SPECIFICATIONS (P&S) REVIEW MATRIX**

PRIMARY and PART 139 AIRPORTS: NON-PRIMARY AIRPORTS:				Acceptance of Plans & Specs Review Level		
				< \$3M	\$3M-\$8M	> \$8M
				< \$1M	\$1-3M	> \$3M
NPIAS-ACIP Standard Descriptions and ODO Codes						
PROJECT DESCRIPTION	Purpose	Component	Type			
EQUIPMENT (EQ)	EQ					
Repair/Rehabilitate/Replace Equipment in Sponsor-Owned FAA Contract Tower (BL)	BL	EQ	FC	Sponsor Cert	Sponsor Cert	Sponsor Cert
Repair/Rehabilitate/Replace Equipment in Sponsor-Owned Federal ATCT (BL)	BL	EQ	FT	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Non-movement Area Systems and Sensors	CA	EQ	SR	Sponsor Cert	Sponsor Cert	Sponsor Cert
Deicing Containment Equipment	EN	EQ	DI	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Fuel Truck for Sustainable Aviation Fuel	EN	EQ	FF	Sponsor Cert	Sponsor Cert	Sponsor Cert
Environmental Mitigation	EN	EQ	MT	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Airport Microgrid Power Supply	EN	EQ	PS	Sponsor Cert	Sponsor Cert	Sponsor Cert
VALE Vehicle/Infrastructure	EN	EQ	VL	Sponsor Cert	Sponsor Cert	Sponsor Cert
Zero Emissions Vehicle/Infrastructure	EN	EQ	ZE	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Deicing Containment Equipment	RC	EQ	DI	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Friction Measuring Equipment	RC	EQ	FR	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Electrical Emergency Generator	RC	EQ	GE	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Aircraft Rescue and Fire Fighting Vehicle	RC	EQ	RF	Index/Class Review <sup>1</sup>	Index/Class Review <sup>1</sup>	Index/Class Review <sup>1</sup>
Reconstruct Security Equipment	RC	EQ	SE	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Snow Removal Equipment	RC	EQ	SN	Eligibility Review <sup>2</sup>	Eligibility Review <sup>2</sup>	Eligibility Review <sup>2</sup>
Reconstruct Airport Rotating Beacon	RC	EQ	VI	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Airport Lighting Vault Equipment	RC	EQ	VU	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Weather Reporting Equipment	RC	EQ	WX	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Deicing Containment Equipment	RE	EQ	DI	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Aircraft Rescue and Fire Fighting Vehicle	RE	EQ	RF	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Snow Removal Equipment	RE	EQ	SN	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Airport Beacon	RE	EQ	VI	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire ARFF Safety and/or Security Equipment/Acquire Interactive Training System	SA	EQ	AQ	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Friction Measuring Equipment	SA	EQ	FR	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Runway Temporary Closure Lighting	SA	EQ	LI	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Aircraft Rescue & Fire Fighting Vehicle	SA	EQ	RF	Index/Class Review <sup>1</sup>	Index/Class Review <sup>1</sup>	Index/Class Review <sup>1</sup>
Install Airport Beacon	SA	EQ	VI	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Security Equipment	SE	EQ	AQ	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Snow Removal Equipment Fuel Infrastructure	SP	EQ	IN	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Input-Based Testing Equipment	SP	EQ	RF	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire/Install or Rehabilitate Electrical Emergency Generator	ST	EQ	GE	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Wind Cone/Segmented Circle	ST	EQ	IN	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Snow Removal Equipment	ST	EQ	SN	Eligibility Review <sup>2</sup>	Eligibility Review <sup>2</sup>	Eligibility Review <sup>2</sup>
Install Weather Reporting Equipment	ST	EQ	WX	General	General	General
FENCE (FE)	FE					
Reconstruct Perimeter Fencing	RC	FE	MS	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Perimeter Security Fencing	RC	FE	SE	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Wildlife Perimeter Fencing	RC	FE	WH	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Wildlife Perimeter Fencing	SA	FE	WH	General	General	General
Install Perimeter Security Fencing	SE	FE	CO	General	General	General
Install Perimeter Fencing	ST	FE	CO	General	General	General
HELIPORT/HELIPAD (HE)	HE					
Construct Heliport/Helipad	CA	HE	CO	General	General	General
Reconstruct Heliport/Helipad	RC	HE	IM	General	General	General
Rehabilitate Helipad/Heliport	RE	HE	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Heliport/Helipad	ST	HE	CO	General	General	General
HOMES (HO)	HO					
Acquire Homes for Noise Compatibility (BIL)	BL	HO	AQ	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire and Install Noise Mitigation Measures in Homes (BIL)	BL	HO	NO	Sponsor Cert	Sponsor Cert	Sponsor Cert
Noise Mitigation Measures for Residences outside 65 DNL	EN	HO	60	Sponsor Cert	Sponsor Cert	Sponsor Cert
Noise Mitigation Measures for Residences within 65-69 DNL	EN	HO	65	Sponsor Cert	Sponsor Cert	Sponsor Cert
Noise Mitigation Measures for Residences within 70 - 74 DNL	EN	HO	70	Sponsor Cert	Sponsor Cert	Sponsor Cert
Noise Mitigation Measures for Residences within 75 DNL	EN	HO	75	Sponsor Cert	Sponsor Cert	Sponsor Cert
LAND (LA)	LA					
Acquire Easements/Land for Noise Compatibility (BIL)	BL	LA	AQ	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Land/Easements for Noise Compatibility below 65 DNL	EN	LA	60	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Land/Easements for Noise Compatibility within 65 - 69 DNL	EN	LA	65	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Land/Easements for Noise Compatibility within 70-74 DNL	EN	LA	70	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Land/Easements for Noise Compatibility within 75 DNL	EN	LA	75	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Land for Development	ST	LA	DV	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Easements/Land For Approaches	ST	LA	SZ	Sponsor Cert	Sponsor Cert	Sponsor Cert

**Footnotes:**

1. Along with Sponsor Certification, the FAA shall verify with the ACSI proper Class and Index for equipment procurement as well as eligibility.
2. Along with Sponsor Certification, the FAA shall determine percentage of non-eligible square footage.

**Note:**

PFC SOAR Codes have been omitted from this Matrix as they are not required to be reviewed.

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NPIAS-ACIP Standard Descriptions and ODO Codes				< \$1M	\$1-3M	> \$3M
PROJECT DESCRIPTION	Purpose	Component	Type			
<b>MULTI-MODAL (MM)</b>	<b>MM</b>					
Construct New Multi Modal Station	BL	MM	CO	Sponsor Cert	Sponsor Cert	Sponsor Cert
Improve Existing Multi Modal Station	BL	MM	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
<b>NEW AIRPORT (NA)</b>	<b>NA</b>					
Construct New Airport	CA	NA	CO	Full	Full	Full
Acquire Existing Airport	ST	NA	AQ	Full	Full	Full
Construct New Airport	ST	NA	CO	Full	Full	Full
<b>PUBLIC BUILDING (PB)</b>	<b>PB</b>					
Acquire and Install Noise Mitigation Measures in Public Building (BIL)	BL	PB	NO	Sponsor Cert	Sponsor Cert	Sponsor Cert
Noise Mitigation Measures for Public Buildings below 65 DNL	EN	PB	60	Sponsor Cert	Sponsor Cert	Sponsor Cert
Noise Mitigation Measures for Public Buildings within 65 - 69 DNL	EN	PB	65	Sponsor Cert	Sponsor Cert	Sponsor Cert
Noise Mitigation Measures for Public Buildings within 70 - 74 DNL	EN	PB	70	Sponsor Cert	Sponsor Cert	Sponsor Cert
Noise Mitigation Measures for Public Buildings within 75 DNL	EN	PB	75	Sponsor Cert	Sponsor Cert	Sponsor Cert
<b>RAIL (RL)</b>	<b>RL</b>					
Construct Rail Access to Off Airport Stations (BIL)	BL	RL	CO	Sponsor Cert	Sponsor Cert	Sponsor Cert
Improve Rail Access to Off Airport Stations (BIL)	BL	RL	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
<b>REVENUE PRODUCING (RV)</b>	<b>RV</b>					
Construct/Improve/Repair/Expand Fuel Farm	OT	RV	FF	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Modify/Improve/Rehabilitate Hangar	OT	RV	HG	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Modify/Improve/Rehabilitate Wash Rack	OT	RV	WR	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Fuel Farm [MAP]	RC	RV	FF	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Hangar	RC	RV	HG	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Hangar - MAP	RE	RV	HG	Sponsor Cert	Sponsor Cert	Sponsor Cert
<b>RUNWAY (RW)</b>	<b>RW</b>					
Extend Secondary Runway - BIL	BL	RW	EX	Full	Full	Full
Construct Runway	CA	RW	CO	Full	Full	Full
Extend Runway	CA	RW	EX	Full	Full	Full
Reconstruct Runway	RC	RW	IM	Full	Full	Full
Reconstruct Instrument Approach Aid	RC	RW	IN	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Runway Lighting	RC	RW	LI	General	General	General
Reconstruct Engineered Material Arresting System	RC	RW	SF	Full	Full	Full
Reconstruct/Replace Runway Marking and Signage	RC	RW	SG	General	General	General
Reconstruct Runway Visual Guidance System	RC	RW	VI	General	General	General
Rehabilitate Runway	RE	RW	IM	Sponsor Cert	General	General
Rehabilitate Runway Lighting	RE	RW	LI	Sponsor Cert	General	General
Rehabilitate Engineered Material Arresting System	RE	RW	SF	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Runway Markings and Signage	RE	RW	SG	Sponsor Cert	General	General
Seal/Resurface Runway Pavement/Pavement Joints	RS	RW	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Runway Grooving/Porous Friction Course	SA	RW	FR	General	General	General
Realign Runway	SA	RW	IM	Full	Full	Full
Install Runway Lighting (Part 139 violation, RIM or RSAT purposes)	SA	RW	LI	General	General	General
Mark/Light/Remove Obstruction/Hazard	SA	RW	OB	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Extend/Improve Safety Area (including EMAS)	SA	RW	SF	Full	Full	Full
Install Runway Incursion Marking or RW Signage/Marking	SA	RW	SG	General	General	General
Shift Runway	SA	RW	SH	Full	Full	Full
Install Runway Visual Guidance System	SA	RW	VI	General	General	General
Construct Secondary Runway	SP	RW	CO	Full	Full	Full
Construct Runway	ST	RW	CO	Full	Full	Full
Extend/Expand Runway	ST	RW	EX	Full	Full	Full
Strengthen/Realign Runway	ST	RW	IM	Full	Full	Full
Install Instrument Approach Aid	ST	RW	IN	General	General	General
Install Runway Lighting	ST	RW	LI	General	General	General
Mark/Light/Remove [Non-Hazard] Obstruction	ST	RW	OB	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Runway Signage/Markings	ST	RW	SG	General	General	General
Shift Runway	ST	RW	SH	Full	Full	Full
Install Runway Visual Guidance System	ST	RW	VI	General	General	General
<b>SERVICE/PERIMETER ROAD (SV)</b>	<b>SV</b>					
Reconstruct Service Road	RC	SV	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Service Road	RE	SV	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Service Road	SA	SV	CO	General	General	General
Improve Service Road	SA	SV	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Security Service Road	SE	SV	CO	General	General	General
Improve Security Service Road	SE	SV	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Service Road	ST	SV	CO	General	General	General
Improve Service Road	ST	SV	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert

**Note:**  
PFC SOAR Codes have been omitted from this Matrix as they are not required to be reviewed.

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PRIMARY and PART 139 AIRPORTS: NON-PRIMARY AIRPORTS:				Acceptance of Plans & Specs Review Level		
				< \$3M	\$3M-\$8M	> \$8M
				< \$1M	\$1-3M	> \$3M
NPIAS-ACIP Standard Descriptions and ODO Codes						
PROJECT DESCRIPTION	Purpose	Component	Type			
<b>TERMINAL (TE)</b>	<b>TE</b>					
Expand Terminal Building (BIL)	BL	TE	EX	Sponsor Cert	Sponsor Cert	Sponsor Cert
Improve Terminal Building (BIL)	BL	TE	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Expand/Extend Terminal Access Road	CA	TE	AC	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Terminal Building	CA	TE	CO	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>
Expand Terminal Building	CA	TE	EX	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>
Install Passenger Boarding Bridges	CA	TE	IN	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Expand Terminal Parking Lot	CA	TE	PA	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>
Construct/Expand Terminal People Mover	CA	TE	PM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct/Expand Terminal Access Rail	CA	TE	RL	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Terminal Access Road	RC	TE	AC	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Terminal Building/Components	RC	TE	IM	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>
Reconstruct Passenger Boarding Bridges	RC	TE	IN	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>
Reconstruct Terminal Parking Lot	RC	TE	PA	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>
Reconstruct Terminal People Mover	RC	TE	PM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Terminal Access Rail	RC	TE	RL	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Terminal Security Cameras	RC	TE	SE	Sponsor Cert	Sponsor Cert	Sponsor Cert
Reconstruct Terminal Access Rail	RC	RL	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Terminal Access Road	RE	TE	AC	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Terminal Parking Lot	RE	TE	PA	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Lactation Areas in Terminal	SP	TE	CO	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Terminal Security Cameras	SP	TE	SE	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Terminal Access Road	ST	TE	AC	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Terminal Accessibility Measures	ST	TE	AQ	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Terminal Building	ST	TE	CO	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>
Expand/Improve/Modify Terminal Building	ST	TE	EX	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>	Eligibility Review <sup>1</sup>
Install Passenger Boarding Bridges	ST	TE	IN	Sponsor Cert	Sponsor Cert	Sponsor Cert
Acquire Passenger/Handicap Passenger Lift Device	ST	TE	LF	Sponsor Cert	Sponsor Cert	Sponsor Cert
Install Terminal Gate Position Lead-in Lights	ST	TE	LI	Glare Review <sup>2</sup>	Glare Review <sup>2</sup>	Glare Review <sup>2</sup>
Construct Terminal People Mover	ST	TE	PM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Access Rail	ST	TE	RL	Sponsor Cert	Sponsor Cert	Sponsor Cert
<b>TAXILANE (TL)</b>	<b>TL</b>					
Reconstruct Taxilane	RC	TL	IM	General	General	General
Rehabilitate Taxilane	RE	TL	IM	Sponsor Cert	General	General
Seal/Resurface Taxilane Pavement/Pavement Joints	RS	TL	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Taxilane	ST	TL	CO	General	General	General
Extend/Expand Taxilane	ST	TL	EX	General	General	General
<b>TAXIWAY (TW)</b>	<b>TW</b>					
Construct Taxiway	CA	TW	CO	Full	Full	Full
Extend/Widen Taxiway	CA	TW	EX	Full	Full	Full
Reconstruct Taxiway	RC	TW	IM	Full	Full	Full
Reconstruct Taxiway Lighting	RC	TW	LI	General	General	General
Reconstruct/Replace Taxiway Markings and Signage	RC	TW	SG	General	General	General
Rehabilitate Taxiway	RE	TW	IM	Sponsor Cert	General	General
Rehabilitate Taxiway Lighting	RE	TW	LI	Sponsor Cert	Sponsor Cert	Sponsor Cert
Rehabilitate Taxiway Markings and Signage	RE	TW	SG	Sponsor Cert	General	General
Seal /Resurface Taxiway Pavement/Pavement Joints	RS	TW	IM	Sponsor Cert	Sponsor Cert	Sponsor Cert
Construct Taxiway (Part 139, RIM or RSAT purposes)	SA	TW	CO	Full	Full	Full
Construct/Extend/Expand Taxiway Holding Bay (RSAT purposes)	SA	TW	EX	Full	Full	Full
Realign Taxiway	SA	TW	IM	Full	Full	Full
Install Taxiway Lighting (Part 139, RIM or RSAT purposes)	SA	TW	LI	General	General	General
Install Taxiway Guidance Signs (Part 139, RIM or RSAT purposes)	SA	TW	SG	General	General	General
Shift Taxiway (Part 139, RIM or RSAT purposes)	SA	TW	SH	Full	Full	Full
Construct Taxiway	ST	TW	CO	Full	Full	Full
Extend/Widen Taxiway	ST	TW	EX	Full	Full	Full
Strengthen/Widen/Realign/Remove Taxiway	ST	TW	IM	Full	Full	Full
Install Taxiway Lighting	ST	TW	LI	General	General	General
Install Taxiway Signage/Markings	ST	TW	SG	General	General	General
Shift Taxiway	ST	TW	SH	Full	Full	Full

**Footnotes:**

1. Along with Sponsor Certification, the FAA shall determine percentage of non-eligible square footage.
2. Along with Sponsor Certification, the FAA shall coordinate the project with AAS-100 to ensure lighting will not create glare or pilot confusion.

**Note:**

PFC SOAR Codes have been omitted from this Matrix as they are not required to be reviewed.

**APPENDIX 2  
PLANS AND SPECIFICATIONS "GENERAL REVIEW GUIDE"**

Airport Name:		AIP Grant Number:			
Location:	LOCID:				
Project(s):		Engineer's Estimated Construction Cost:			
This is an abbreviated guide identifying specific FAA expectations.					
<b>PLANS</b>					
<b>COVER SHEET</b>					
		Yes	No	NA	Comments
1	Airport name				
2	Airport location				
3	Owner/Sponsor name				
4	AIP project number				
5	Project title				
6	Index of drawing sheets				
<b>GENERAL</b>					
		Yes	No	NA	Comments
1	Is the development shown on the site drawing consistent with the approved ALP?				
2	Is the development shown on the site drawing consistent with the proposed AIP grant?				
3	Do the plans incorporate any construction or related environmental mitigation measures associated with the applicable Federal Environmental Finding and/or other permits?				
4	RW / TW Width meets requirements per AC 150/5300-13				
5	RW / TW Safety area width/length per AC 150/5300-13				
6	Pavement section and thicknesses (match Pavement Design)				
7	Building/Equipment eligibility determination (by FAA)				
8	Design meets geometric separation and dimensional standards per AC 150/5300-13				
9	Review for ineligible items or unallowable costs.				
10	Modification to Design Standards documented and approved				
11	Do the plans properly show the required Construction Safety and Phasing Plan elements (i.e. phasing, work limits, barricades, haul routes, storage areas, clearance surfaces, etc.)?				
<b>PAVEMENT MARKING (Reference AC 150/5340-1)</b>					
		Yes	No	NA	Comments
Runway markings:					
1	Runway threshold markings				
2	Runway designation markings				
3	Runway centerline markings				
4	Runway aiming point marking				
5	Runway touchdown zone markings				
6	Runway threshold bar				

**APPENDIX 2  
PLANS AND SPECIFICATIONS "GENERAL REVIEW GUIDE"**

7	Demarcation bar				
8	Arrows and arrowheads				
9	Chevrons				
10	Runway holding position markings on runways				
11	Temporary markings during construction				
Taxiway markings:					
1	Taxiway centerline markings				
2	Runway holding position markings on taxiways				
3	Edge Markings Needed?				
4	Surface Painted Holding Sign				
<b>SIGNS (Reference AC 150/5340-18)</b>					
		Yes	No	NA	Comments
1	Signage- Layout				
2	Sign and marking plan approved for Part 139				
<b>LIGHTING PLAN (Reference AC 150/5340-30)</b>					
		Yes	No	NA	Comments
1	Threshold/ Runway End lights (Color Coding, Height, Location & Spacing)				
2	Runway Lights (Color Coding, Height, Location & Spacing)				
3	Taxiway lights (Color Coding, Height, Location & Spacing)				
<b>NAVAIDS (PAPI, REILS, AWOS, ILS, etc.)</b>					
		Yes	No	NA	Comments
1	Non-Fed coordination (for ILS/AWOS/PAPI)				
2	Location shown				
3	Siting criteria addressed in Design Report				
<b>SPECIFICATIONS</b>					
		Yes	No	NA	Comments
1	Construction Safety & Phasing Plan incorporated in bid package (and reviewed and coordinated in OE/AAA)				
2	Modification to Construction Standards documented and approved				
3	AC 150/5370-10 latest revision used and any modifications identified				
4	Federal wage rates				In bid package or attached to contract
5	DBE goal identified				
	Note: "Yes" also means the element meets standards				
<b>ADDITIONAL COMMENTS:</b>					

**APPENDIX 3  
PLANS AND SPECIFICATIONS "FULL REVIEW GUIDE"**

Airport Name:		AIP Grant Number:			
Location:	LOCID:				
Project(s):		Engineer's Estimated Construction Cost:			
This is a review guide identifying specific FAA expectations.					
<b>PLANS</b>					
<b>COVER SHEET</b>					
		Yes	No	NA	Comments
1	Airport name				
2	Airport location				
3	Owner/Sponsor name				
4	AIP project number				
5	Project title				
6	Index of drawing sheets				
<b>GENERAL</b>					
		Yes	No	NA	Comments
1	Is the development shown on the site drawing consistent with the approved ALP?				
2	Is the development shown on the site drawing consistent with the proposed AIP grant?				
3	Do the plans incorporate any construction or related environmental mitigation measures associated with the applicable Federal Environmental Finding and/or				
4	Building/Equipment eligibility determination (by FAA)				
5	Review for ineligible items				
6	Modification to Design Standards documented and approved				
7	Do the plans properly show the required Construction Safety and Phasing Plan elements (i.e. phasing, work limits, barricades, haul routes, storage areas, clearance surfaces, etc.)?				
<b>LAYOUT &amp; TYPICAL SECTIONS</b>					
		Yes	No	NA	Comments
1	Design meets Geometric Separation and Dimensional Standards per AC 150/5300-13				
2	Pavement sections and thicknesses conforms to design report				
3	Drainage Plan				
<b>RUNWAY</b>					
		Yes	No	NA	Comments
1	Plan sheet shows existing pavement survey elevations and final longitudinal and transverse grades of pavement surface meeting grading standards per AC 150/5300-13				
2	Shoulder width meet standards				
3	Safety area width, length and grading meets standards for design category				

**APPENDIX 3  
PLANS AND SPECIFICATIONS "FULL REVIEW GUIDE"**

4	Runway OFA clear of all objects not fixed by function				
5	RW Width meets Runway Design Code				
TAXIWAY					
		Yes	No	NA	Comments
1	Plan sheet shows existing pavement survey elevations and final longitudinal and transverse grades of pavement surface meeting grading standards per AC 150/5300-13				
2	Shoulder width meet standards				
3	Safety area width and grading meets standards for design category				
4	Fillet Layouts shown, if required, and meet TDG				
5	Runway/taxiway/taxi lane separation meet standards				
6	Taxiway OFA clear of all objects not fixed by function				
7	Drainage Plan				
8	TW Width determined by Taxiway Design Group				
GRADING & DRAINAGE					
		Yes	No	NA	Comments
1	Contour lines/Spot Elevations				
2	Edge drains/outlets, etc.				
3	Drainage Structures proper for aircraft loads?				
4	Direction of flows indicated				
5	Ditches are outside of the safety areas				
MARKING (Reference AC 150/5340-1)					
		Yes	No	NA	Comments
1	Marking plan approved for Part 139 airports				
RUNWAY MARKINGS					
1	Runway designation markings				
2	Runway centerline-markings				
3	Runway threshold markings				
5	Runway aiming point marking				
6	Runway touchdown zone markings				
7	Runway side stripe markings				
8	Runway Displaced Threshold markings				
9	Runway demarcation bar				
10	Arrows and arrowheads				
11	Chevrons				
12	Runway holding position markings on runways				
13	Runway shoulder markings				
14	Temporary markings during construction**				
TAXIWAY MARKINGS					
1	Taxiway centerline markings				
2	Enhanced taxiway centerline markings				
3	Edge Markings Needed?				
4	Runway holding position markings on taxiways				

**APPENDIX 3  
PLANS AND SPECIFICATIONS "FULL REVIEW GUIDE"**

5	Surface Painted Holding Position Sign				
6	ILS Critical area, POFZ and other hold markings				
7	Intermediate Holding position marking for txy-tyx intersection				
8	Surface Painted taxiway location Marking				
<b>SIGNAGE (Reference AC 150/5340-18)</b>					
		Yes	No	NA	Comments
1	Signage- Layout				
2	Mandatory Instruction Signs				
3	Location signs				
4	Direction signs				
5	Destination signs				
6	ILS critical area/POFZ boundary sign				
7	Sign plan approved for Part 139 airports				
<b>LIGHTING (Reference AC 150/5340-30)</b>					
		Yes	No	NA	Comments
<b>RUNWAY LIGHTING</b>					
1	Threshold/Runway End lights (Color Coding, Height, Location & Spacing)				
2	Runway edge lights (Color Coding, Height, Location & Spacing)				
3	Runway Centerline Lights (Color Coding, Location & Spacing)				
3	TDZ Lights (Color Coding, Location & Spacing)				
<b>TAXIWAY LIGHTING</b>					
1	Taxiway Edge Lights (Color, Height, Location & Spacing)				
2	Taxiway Centerline Lights (Color-Coding, Spacing)				
3	RGL (Inpavement/Elevated; Color)				
4	Is there a SMGCS plan that requires specific lighting in this project?				
<b>NAVAIDS (PAPI, REILS, etc.)</b>					
		Yes	No	NA	
1	Non-Fed coordination (for ILS/AWOS/PAPI)				
2	Location shown				
3	Siting criteria addressed in Design Report				
<b>SPECIFICATIONS</b>					
		Yes	No	NA	Comments
1	Construction Safety & Phasing Plan incorporated in bid package (and reviewed and coordinated in OE/AAA)				
2	Buy American contract language				
3	Modifications to Construction Standards documented and approved				
4	AC 150/5370-10 latest revision used and any modifications identified				
5	Federal wage rates				In bid package or attached to contract

**APPENDIX 3  
PLANS AND SPECIFICATIONS "FULL REVIEW GUIDE"**

6	DBE Goal Identified				
	Note: "Yes" also means the element meets standards				
	** Separate plan sheet provided				
	ADDITIONAL COMMENTS:				