REQUEST FOR FEDERAL ASSISTANCE
FEDERAL AVIATION ADMINISTRATION
AIRPORTS DIVISION, MEMPHIS ADO

AIRPORT CAPITAL IMPROVEMENT PLAN DATA SHEET (ACIP DATA SHEET)

An ACIP Data Sheet (see next page) must be submitted for each work item listed on the sponsor's ACIP for the current and next fiscal year - Include the name of the airport, the local priority of the requested work and the work item description. Contact the State Airport Planner responsible for your state regarding which fiscal year to use.

SKETCH - color-coded sketch that depicts and identifies the scope of the proposed project.

JUSTIFICATION - the justification should be brief and describe the need, objectives, method of accomplishment, and the benefit expected from the project.

COST ESTIMATE - the total cost estimate (including, engineering, administrative, legal, and appraisal costs, etc.) must show unit costs, aggregate in square yards (S.Y.), concrete paving in square yards (S.Y.) and asphalt paving in tons. Separate the costs for land acquired in fee and land acquired in easement. NOTE: cost estimates cannot include an amount for contingencies. Attach additional sheets if necessary.

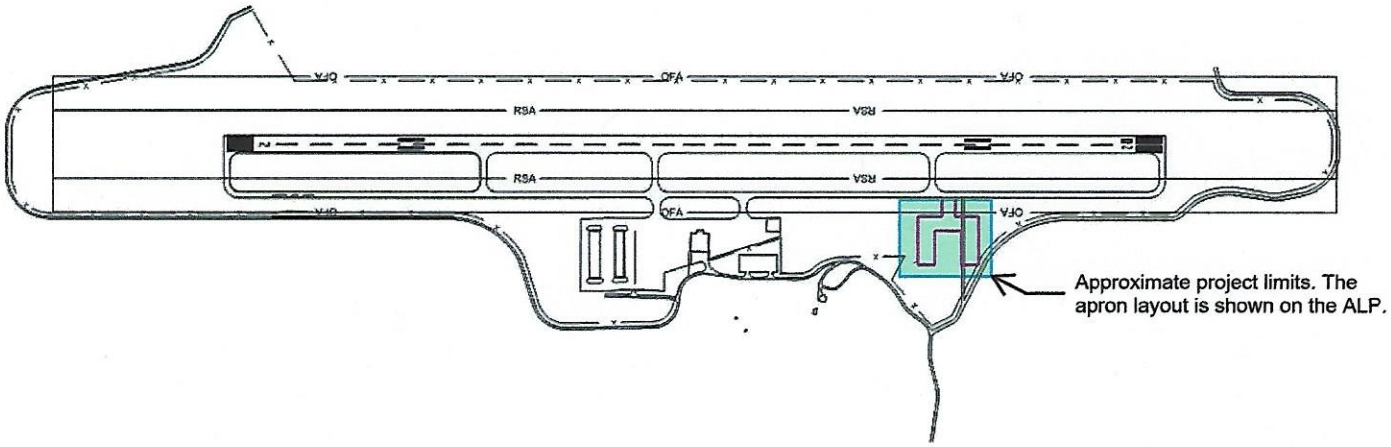
Satisfying environmental requirements and a current FAA-approved Airport Layout Plan (ALP) are prerequisite for work reflected in the current year and next year program.

If required, evidence of State and Regional Clearinghouse coordination should be provided with the ACIP Data Sheet. If requesting Federal assistance for snow removal equipment, please include an inventory of the existing equipment and calculations based on Chapters 4 & 5 of the Airport Winter Safety and Operations, Advisory Circular (AC) 150/5200-30 and the Airport Snow and Ice Control Equipment, AC 150/5220-20 showing the minimum equipment needed, along with the ACIP Data Sheet.

ACIP DATA SHEET

AIRPORT	Morehead-Rowan County Airport (SYM) – Clyde A. Thomas Regional Airport	LOCAL PRIORITY	1	UPDATED	2018
WORK ITEM	Connector Taxilane/Hangar Apron Development Phase I			Identify FY that you desire to construct	2019

SKETCH:



JUSTIFICATION: This project will include administration, environmental, survey, geotechnical investigation, engineering design (civil and electrical), and grant closeout services for the connector taxilane and supporting apron as shown on the current Airport Layout Plan (ALP). This project will also include the environmental assessment (anticipate a Categorical Exclusion document) for proposed site development. Phase I of this project will be for all services through design, while Phase II is scheduled to include bidding and construction services as a separate AIP grant. Excluded from this project is the development of an Airport DBE Plan update.

SPONSOR SIGNATURE: Timothy C. James DATE: 7 MAR 18

PRINTED NAME: Timothy C. James TITLE: Chairman

COST ESTIMATE: $70,000.00
Engineering Fee:
Administration & Planning - $6,000.00
Environmental - $3,800.00
Survey - $10,000.00
Geotechnical - $10,000.00
Preliminary and Final Design - $37,900.00
Grant Closeout - $2,300.00

Construction Costs: $0 to be completed under separate AIP project (Phase II).

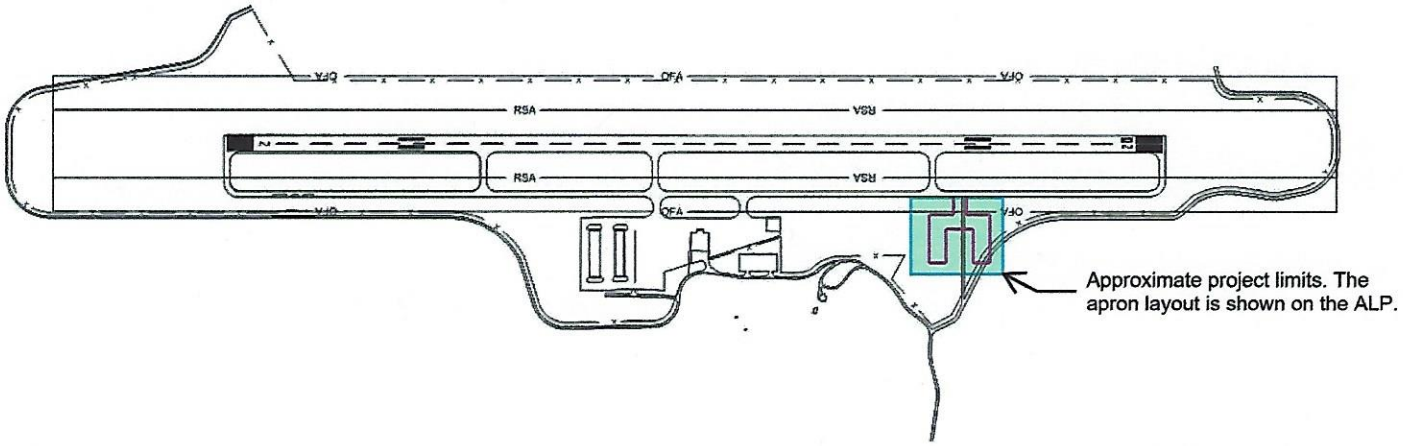
FAA USE ONLY

GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL $

ACIP DATA SHEET

AIRPORT	Morehead-Rowan County Airport (SYM) – Clyde A. Thomas Regional Airport	LOCAL PRIORITY	2	UPDATED	2018
WORK ITEM	Connector Taxilane / Hangar Apron Development Phase II – Bidding and Construction			Identify FY that you desire to construct	2020

SKETCH:



JUSTIFICATION: This project will include the bidding and construction associated with the previously designed taxilane and hangar apron development. Engineering services will include grant administration, bidding, construction administration, construction observation, and quality assurance testing.

SPONSOR SIGNATURE: Timothy C James DATE: 7 MAR 18

PRINTED NAME: Timothy C. James TITLE: Chairman

COST ESTIMATE: See next page.

UPS ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
1	Mobilization, Bonds, and Insurance	LS	1	$84,633.00	$84,633.00
2	Trench Drain System	LF	560	$300.00	$168,000.00
3	Electrical Modifications	LS	1	$7,000.00	$7,000.00
4	Temporary Airfield Lighting	LS	1	$3,500.00	$3,500.00
5	Geotextile Filter Fabric, Non-woven, Type IV	SY	3,200	$2.20	$7,040.00
6	18-Inch Class III RCP	LF	596	$115.00	$68,540.00
7	4' x 4' x 48" Catch Basin	EACH	3	$3,500.00	$10,500.00
8	KYTC Sloped and Flared Headwall for 18-Inch Pipe	EACH	5	$1,500.00	$7,500.00
9	Unsuitable Excavation	CY	1,938	$11.00	$21,318.00
10	Unclassified Excavation	CY	7,501	$6.00	$45,006.00
11	Silt Fence/Erosion Control	LS	1	$5,000.00	$5,000.00
12	Crushed Aggregate Base Course	TON	5,327	$38.00	$202,426.00
13	Portland Cement	TON	520	$160.00	$83,200.00
14	Soil-Cement Stabilization	SY	12,114	$6.50	$78,741.00
15	Asphalt Surface Course (2")	TON	3,042	$135.00	$410,670.00
16	Seeding w/ Hydra-Mulch	ACRE	2	$5,000.00	$10,000.00
				Total Engineer's Estimate	$1,213,074.00
				Construction Inspection and Testing	$ 70,000.00
				Total Project	$1,283,074.00

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Airport Capital Improvement Program (ACIP) Project List

Airport:	Morehead-Rowan County Airport, Clyde A. Thomas, Regional Airport	LOCID:	SYM	State:	KY	Date Submitted:	March 24, 2019
Sponsor Contact:	Dr. Bruce Mattingly	Tele. Ph #	606-776-1232	E-mail:	b.mattingly@morehead-st.edu		
Consultant Contact:	Mark D. Upchurch, Garver	Tele. Ph #	859-410-2603	E-mail:	mdupchurch@garverusa.com		

Project Description & Cost Estimate

FY	Project Description	Project reflected on ALP	Sponsor Priority Number	Estimated Total Cost of Project	Cost Allocation $			
					AIP Entitlements	AIP Discretionary	State Participation	Sponsor Participation
Federally Funded Projects					90.0%	90.0%	5-7.5%	2.5-5%
2020	Runway Rehabilitation - Phase II (Construction)	NO	1	$ 2,800,000	$ 419,578	$ 2,100,422	$ 140,000	$ 140,000
2021	Connector Taxilane/Hangar Apron Development Phase I (Design)	YES	2	$ 70,000	$ 63,000	$ -	$ 5,250	$ 1,750
2021	Carry over remaining NPE to 2022			$ -	$ (87,000)	$ -	$ -	$ -
2022	Connector Taxilane/Hangar Apron Development Phase II (Bidding and Construction)	YES	3	$ 1,283,074	$ 237,000	$ 917,767	$ 64,154	$ 64,154
2023	Apron Expansion for T-Hangar Development Phase I (Design)	YES	4	$ 60,000	$ 54,000	$ -	$ 4,500	$ 1,500
2023	Carry over remaining NPE to 2024			$ -	$ (96,000)	$ -	$ -	$ -
2024	Apron Expansion for T-Hangar Development Phase II (Bidding and Construction)	YES	5	$ 690,000	$ 246,000	$ 375,000	$ 34,500	$ 34,500
Participation Totals				**$ 4,903,074**	**$ 600,000**	**$ 3,393,189**	**$ 248,404**	**$ 241,904**
State Funded Projects							100.0%	0.0%
2020	Airfield Lighting Improvement Project	NO		$ 600,000			$ 600,000	
Participation Totals				**$ 600,000**			**$ 600,000**	**$ -**

Note: Attach additional sheets as necessary to fully describe projects or to add information needed for a full understanding of project scope, location and costs. Please indicate phasing of projects within project description.

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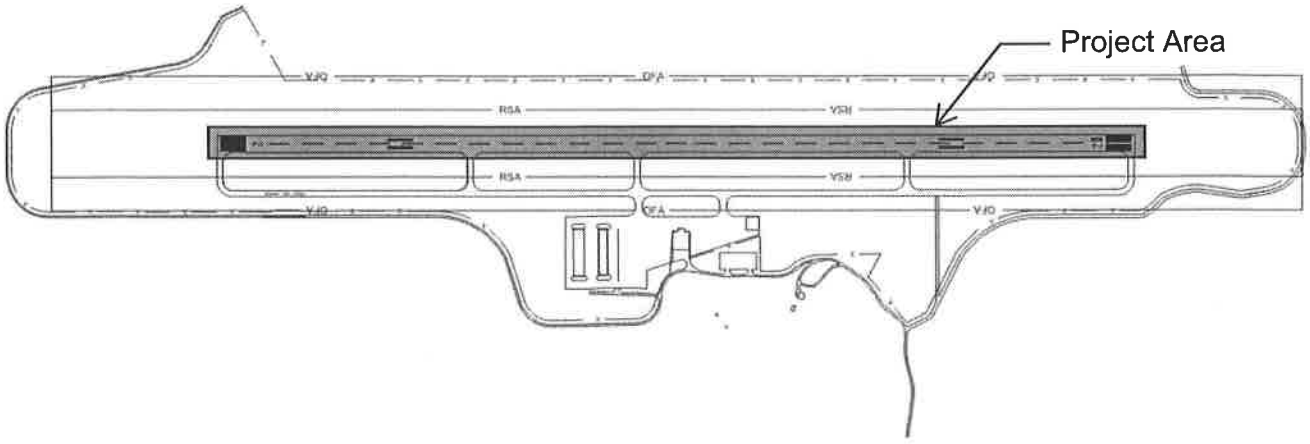
WORK ITEM	Runway Rehabilitation – Phase II (Construction)			Identify FY that you desire to construct	2020

SKETCH:



JUSTIFICATION: This project will be for Phase II Construction of the previously designed runway rehabilitation project in FY19. Construction elements will include, but not be limited to, full depth pavement reconstruction of the distressed areas, undercutting of poor subgrade materials, and installation of pavement edge drains, mill and overlay to correct any profile and crown deficiencies.

SPONSOR SIGNATURE: _____ DATE: 3-25-19

PRINTED NAME: Dr. Bruce Mattingly TITLE: Chairman

COST ESTIMATE: See following sheet for detailed cost estimate.

FAA USE ONLY

	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL $

Morehead-Rowan County Airport, Clyde A. Thomas Regional Airport
Preliminary Engineer's Report
Design Alternative #1 - Full Depth Reconstruction (Distressed Areas Only) with Mill and Overlay
Project Area: Runway

SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	Engineer's Estimate of Probable Cost UNIT PRICE	AMOUNT
GP-105	Mobilization	LS	1	$151,800.00	$151,800.00
SS-110	KYTC No. 2 Stone - Subbase Drainage Layer	TON	1,800	$21.00	$37,800.00
SS-110	KYTC Type III - Geotextile Fabric	SY	2,300	$2.50	$5,750.00
SS-110	KYTC Type IV - Geotextile Fabric	SY	3,100	$2.75	$8,530.00
SS-110	KYTC Outfall Pipe Protector	EACH	40	$940.00	$37,600.00
SS-110	KYTC - Runway Pavement Marking - Yellow	SF	1,700	$0.60	$1,020.00
SS-110	KYTC - Runway Pavement Marking - White	SF	40,800	$0.50	$20,400.00
SS-110	KYTC - Runway Pavement Marking - Black	SF	10,800	$0.50	$5,400.00
SS-220	Pavement Edge Grading	SY	4,400	$5.00	$22,000.00
SS-300	Lockout/Tagout Procedures	LS	1	$2,000.00	$2,000.00
D-705	6-Inch Non-Perforated PVC Edge Drain Pipe	LF	5,600	$24.00	$134,400.00
D-705	6-Inch Perforated PVC Edge Drain Outfall Pipe	LF	11,200	$24.00	$268,800.00
P-101	Pavement Removal Milling	SY	61,200	$4.00	$244,800.00
P-101	Full Depth Pavement Removal	SY	4,500	$20.00	$90,000.00
P-152	Unclassified Excavation	CY	1,000	$40.00	$40,000.00
P-156	Temporary Erosion Control	LS	1	$15,000.00	$15,000.00
P-209	Crushed Aggregate Base Course	TON	2,300	$42.00	$96,600.00
P-401	Hot Mix Asphalt Surface Course	TON	7,200	$140.00	$1,008,000.00
P-403	Hot Mix Asphalt Base Course	TON	800	$130.00	$104,000.00
T-904	Sodding	SY	4,400	$6.00	$26,400.00

Subtotal	$2,400,000.00
Contigency (15%)	$400,000.00

Design Alternative #1 - Full Depth Reconstruction (Distressed Areas Only) with Mill and Overlay $2,800,000.00

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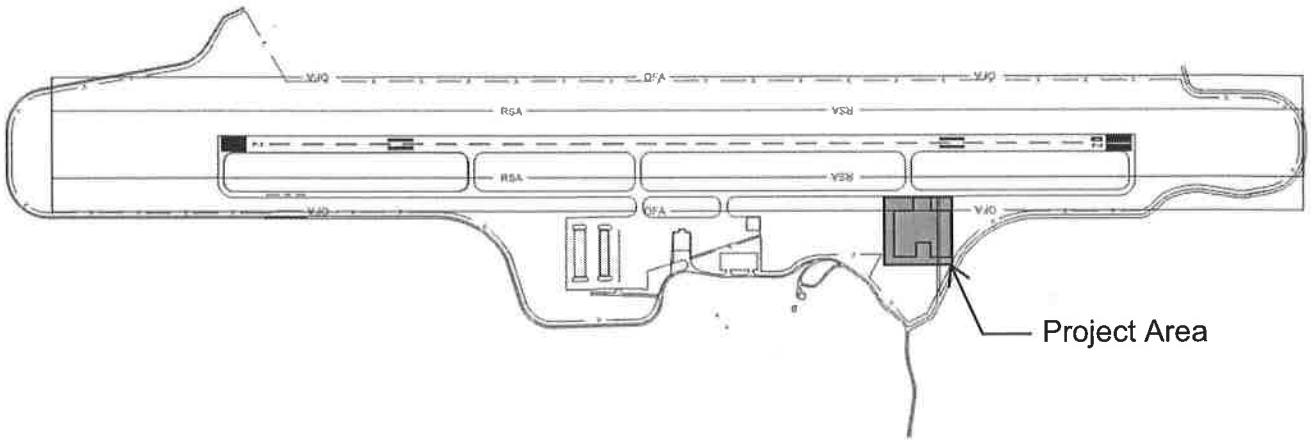

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