

**MICHIGAN STATE BLOCK GRANT PROGRAM
TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022**

ACIP includes current development year (2011 already programmed - minor changes acceptable)

Airport Name: Gladwin Zettel Memorial Airport	Date prepared: 15-Nov-11
Associated City: Gladwin, MI	Prepared By: Baker and Associates
Sponsor: City/County of Gladwin	Sponsor email address & phone: mikehargrave1@gmail.com 989-426-4201
Airport Identifier: GDW	FINAL ACIP due to MDOT AERO: 12/2/11

Development Year	Project Description	Shown on ALP? (Yes or No)	ACIP Code**	NPIAS Priority Rating**	Federal Entitlements	Federal Apportionment	Federal Discretionary	State	Local	Total	Remarks/Item Justification - Provide as much detail as possible.
2012	Carry forward for 10-Unit T-Hangar Construction: \$193,619 Cumulative: \$343,619										
	ALP Update (minor) for Snow Removal Equipment Building	No	PL-PL-MA	62	\$ 4,750.00		\$ -	\$ 125.00	\$ 125.00	\$ 5,000.00	Update ALP to include proposed Snow Removal Equipment Building.
2013	Design 10-Unit T-Hangar	Yes	ST-BD-MS	29	\$ 42,750.00		\$ -	\$ 1,125.00	\$ 1,125.00	\$ 45,000.00	Design an additional 10-unit T-Hangar to accommodate demand for hangar parking.
	Carryover of 2013 funds: \$450,869										
2014	Construct 10-Unit T-Hangar	Yes	ST-BD-MS	29	\$ 552,500.00		\$ -	\$ 14,550.00	\$ 14,550.00	\$ 581,600.00	Construction of 10-unit T-Hangar designed in 2012.
2015	Rehabilitate Runway 9-27 (crack sealing and painting)	Yes	RE-RW-IM	66	\$ 23,750.00		\$ -	\$ 625.00	\$ 625.00	\$ 25,000.00	Improve Runway surface as it is anticipated to need preventive maintenance.
	Design Snow Removal Equipment Building	No	ST-BD-SN	36	\$ 28,500.00		\$ -	\$ 750.00	\$ 750.00	\$ 30,000.00	Provide storage for anticipated snow removal equipment.
	Acquire Snow Removal Equipment	No	ST-EQ-SN	44	\$ 95,000.00		\$ -	\$ 2,375.00	\$ 2,375.00	\$ 99,750.00	Obtain plow for snow removal. Airport currently uses city's equipment and experiences availability issues.
	Carryover of 2015 funds: \$2,750.00										
2016	Construct Snow Removal Equipment Building	No	ST-BD-SN	36	\$ 106,970.00		\$ -	\$ 2,815.00	\$ 2,815.00	\$ 112,600.00	Provide storage for anticipated snow removal equipment.
	Carryover of 2016 funds: \$45,780.00										
2017	Design Main Apron Expansion	Yes	CA-AP-EX	42	\$ 38,000.00		\$ -	\$ 1,000.00	\$ 1,000.00	\$ 40,000.00	Expand main apron to accommodate demand for additional aircraft parking.
	Carryover of 2017 funds: \$157,780.00										
2018	Carry forward for Main Apron Expansion: \$150,000.00 Cumulative: \$305,030.00										
2019	Construct Main Apron Expansion	Yes	CA-AP-EX	42	\$ 454,955.00		\$ -	\$ 11,972.50	\$ 11,972.50	\$ 478,900.00	Construct main apron expansion designed in 2017.
2020	ALP Update	No	PL-PL-MA	62	\$ 76,000.00		\$ -	\$ 2,000.00	\$ 2,000.00	\$ 80,000.00	Update ALP.
	Design Runway 9-27 Expansion	Yes	CA-RW-EX	51	\$ 52,250.00		\$ -	\$ 1,375.00	\$ 1,375.00	\$ 55,000.00	Complete Environment Assessment and Design for extension to the east end of Runway 9-27.
	Carryover of 2020 funds: \$21,750.00										
2021	Install Weather Reporting Equipment (AWOS)	Yes	ST-EQ-WX	42	\$ 142,500.00		\$ -	\$ 3,750.00	\$ 3,750.00	\$ 150,000.00	Install new Automated Weather Observing System (AWOS).
	Carryover of 2021 funds: \$29,250.00										

**In accordance with FAA Order 5100.39A, Appendix 6 - Fields need to be completed

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

ALP Update

Remarks/Justification: Update ALP to include proposed Snow Removal Equipment Building.

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2012	Date Updated:	20-Jul-09
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	-
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	-

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Update ALP	LS	1	\$5,000.00	\$5,000

SUBTOTAL	\$5,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0

*Amount rounded up to the nearest hundred dollars

TOTAL	\$5,000
TOTAL FEDERAL DOLLARS	95% \$4,750.00
TOTAL STATE DOLLARS	2.50% \$125.00
TOTAL LOCAL DOLLARS	2.50% \$125.00

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Design 10-unit T-Hangar

Remarks/Justification: Design an additional 10-unit T-Hangar to accommodate demand for hangar parking.

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2013	Date Updated:	20-Jul-09
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Design 10-unit T-Hangar	LS	1	\$45,000.00	\$45,000

SUBTOTAL	\$45,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0

*Amount rounded up to the nearest hundred dollars

TOTAL	\$45,000
TOTAL FEDERAL DOLLARS	95% \$42,750.00
TOTAL STATE DOLLARS	2.50% \$1,125.00
TOTAL LOCAL DOLLARS	2.50% \$1,125.00

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Construct 10-unit T-Hangar

Remarks/Justification:

Construction of 10-unit T-Hangar designed in 2011.

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2014	Date Updated:	20-Jul-09
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Mobilization and General Conditions	LS	1	\$56,000.00	\$56,000
	Safety and Security	LS	1	\$6,000.00	\$6,000
	Permits	LS	1	\$1,000.00	\$1,000
	Building	LS	1	\$95,000.00	\$95,000
	Building Concrete	LS	1	\$250,000.00	\$250,000
	Building Electrical	LS	1	\$31,500.00	\$31,500
	Unclassified Excavation	CY	2,853	\$5.00	\$14,300
	Agg. Base Course, 22AX, 25% Crushed, CIP	CY	623	\$25.20	\$15,700
	Sawing Bituminous Pavement, Specified Dimensions	LFT	233	\$2.00	\$500
	Bituminous Aggregate Base Course, 20 AAX Composition	TON	323	\$45.00	\$14,600
	Bituminous Aggregate Surface Course, 20 AAX Composition	TON	323	\$50.00	\$16,200
	Joint Sealing Filler, Type III, Hot Poured	LFT	705	\$4.00	\$2,900
	Turfing with Standard Mixture B	AC	2	\$380.00	\$800
	Plain Mulch	AC	2	\$600.00	\$1,200

SUBTOTAL	\$505,700
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$75,900

*Amount rounded up to the nearest hundred dollars

TOTAL **\$581,600**

TOTAL FEDERAL DOLLARS	95%	\$552,500.00
TOTAL STATE DOLLARS	2.50%	\$14,550.00
TOTAL LOCAL DOLLARS	2.50%	\$14,550.00

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Rehabilitate Runway 9-27 (crack sealing and painting)

Remarks/Justification: Improve Runway surface as it is anticipated to need preventative maintenance.

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2015	Date Updated:	18-Jul-07
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Crack Sealing	LS	1	\$10,000.00	\$10,000
	Runway Painting	LS	1	\$15,000.00	\$15,000

SUBTOTAL	\$25,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0
TOTAL	\$25,000

*Amount rounded up to the nearest hundred dollars

TOTAL FEDERAL DOLLARS	95%	\$23,750
TOTAL STATE DOLLARS	2.50%	\$625
TOTAL LOCAL DOLLARS	2.50%	\$625

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Design SRE Building

Remarks/Justification: Provide storage for anticipated snow removal equipment.

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2015	Date Updated:	20-Jul-09
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Design SRE Building	LS	1	\$30,000.00	\$30,000

SUBTOTAL	\$30,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0
TOTAL	\$30,000

*Amount rounded up to the nearest hundred dollars

TOTAL FEDERAL DOLLARS	95%	\$28,500
TOTAL STATE DOLLARS	2.50%	\$750
TOTAL LOCAL DOLLARS	2.50%	\$750

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Acquire Snow Removal Equipment

Remarks/Justification: Plow is needed for snow removal. Airport currently uses the city's, and availability is an issue

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2015	Date Updated:	20-Jul-09
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	0.00%	Local Funds Match (%):	5.0%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Plow Truck	LS	1	\$100,000.00	\$100,000

SUBTOTAL	\$100,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0
TOTAL	\$100,000

*Amount rounded up to the nearest hundred dollars

TOTAL FEDERAL DOLLARS	95%	\$95,000
TOTAL STATE DOLLARS	0.00%	\$0
TOTAL LOCAL DOLLARS	5.00%	\$5,000

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Construct SRE Building

Remarks/Justification: Provide Storage for anticipated snow removal equipment

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2016	Date Updated:	18-Jul-07
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Construct SRE Building	LS	1	\$67,900.00	\$67,900

SUBTOTAL	\$67,900
ENGINEERING	\$30,000
CONTINGENCY AND ADMINISTRATION	\$14,700
TOTAL	\$112,600

*Amount rounded up to the nearest hundred dollars

TOTAL FEDERAL DOLLARS	95%	\$106,970
TOTAL STATE DOLLARS	2.50%	\$2,815
TOTAL LOCAL DOLLARS	2.50%	\$2,815

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Design Terminal Apron Expansion

Remarks/Justification:

Design main apron expansion.

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2017	Date Updated:	20-Jul-09
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Design Terminal Apron Expansion	LS	1	\$40,000.00	\$40,000

SUBTOTAL	\$40,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0
TOTAL	\$40,000

*Amount rounded up to the nearest hundred dollars

TOTAL FEDERAL DOLLARS	95%	\$38,000
TOTAL STATE DOLLARS	2.50%	\$1,000
TOTAL LOCAL DOLLARS	2.50%	\$1,000

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Design Runway 9-27 Extension

Remarks/Justification: Complete Environmental Assessment and Design for extension to the east end of Runway 9-27.

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2020	Date Updated:	20-Jul-09
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Design Runway 9-27 Extension	LS	1	\$45,000.00	\$45,000

SUBTOTAL	\$45,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0

*Amount rounded up to the nearest hundred dollars

TOTAL	\$45,000	
TOTAL FEDERAL DOLLARS	95%	\$42,750.00
TOTAL STATE DOLLARS	2.50%	\$1,125.00
TOTAL LOCAL DOLLARS	2.50%	\$1,125.00

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

ALP Update

Remarks/Justification:

Update Airport Layout Plan.

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2020	Date Updated:	20-Jul-09
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	-
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	-

Item #	Description	Unit	Quantity	Unit Price	Amount*
	ALP Update	LS	1	\$80,000.00	\$80,000

SUBTOTAL	\$80,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0

*Amount rounded up to the nearest hundred dollars

TOTAL	\$80,000
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TOTAL FEDERAL DOLLARS	95%	\$76,000.00
TOTAL STATE DOLLARS	2.50%	\$2,000.00
TOTAL LOCAL DOLLARS	2.50%	\$2,000.00

TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2012 to FY-2022

Install Weather Reporting Equipment (AWOS)

Remarks/Justification: Install new Automated Weather Observing System (AWOS).

Airport Name:	Gladwin Zettel Memorial Airport	FAA Fiscal Year:	2021	Date Updated:	18-Jul-07
Associated City:	Gladwin	FAA Priority No.:		Prepared By:	PWS
Sponsor:	City/County of Gladwin	FAA Share (%):	95%	Checked By:	LS
Amount of NPE Funding:	\$0.00	Local Funds PFC (\$):	\$0.00	Local Funds Other:	\$ -
State Share (%):	2.50%	Local Funds Match (%):	2.5%	State Share:	\$ -

Item #	Description	Unit	Quantity	Unit Price	Amount*
	Install AWOS	LS	1	\$150,000.00	\$150,000

SUBTOTAL	\$150,000
ENGINEERING	\$0
CONTINGENCY AND ADMINISTRATION	\$0
TOTAL	\$150,000

*Amount rounded up to the nearest hundred dollars

TOTAL FEDERAL DOLLARS	95%	\$142,500
TOTAL STATE DOLLARS	2.50%	\$3,750
TOTAL LOCAL DOLLARS	2.50%	\$3,750