### Page 1 of 2

## MICHIGAN STATE BLOCK GRANT PROGRAM AIRPORT CAPITAL IMPROVEMENT PROGRAM (ACIP)

Airport Name:	Ann Arbor Muni	Date Prepared:	08/25/2014
Associated City:	Ann Arbor	Sponsor Name:	Sponsor Name: City of Ann Arbor
Airport Identifier:	ARB	Sponsor Email:	Sponsor Email: mjkulhanek@a2gov.org
DRAFT ACIP Due: 08/25/2014	08/25/2014		

Dev. Year	Project Description	Shown On AEP	ACIP	NPIAS E Priority Rating	Entitlement Discretionary Ap	Apportionment	State	<u>[</u>	Total Project Description (Long)
2015	Extend Runway 6/24 & Approach Survey Design	Yes	CARWEX	99	\$204,900	\$5,100	\$11,500	\$11,500	\$233,000 Final design for rwy 6/24 & txy A extension project. Original Approach survey from 2009. New survey is needed.
2015	Const/Imp/Rehab Access Road Airport Blvd. Construction	Yes	OTGTAC	23	\$366,300		\$20,350	\$20,350	\$407,000 Rehab would extend from Ellsworth Road south to Airport Drive. Work incl milling existing asphalt, construct a boulevard entrance at Ellsworth. etc.
2015	Const/Imp/Rehab Access Road Airport Blvd Design	Yes	OTGTAC	23	\$28,800		\$1,600	\$1,600	\$32,000
2016	Const/Rehab Non-Rev Park Lot (NH, MAP,NP) Design	Yes	ОТОТРА	19	\$29,700		\$1,650	\$1,650	\$33,000
2016	Install Runway Lighting 6/24 Extension&TW A Design	Yes	STRWLI	50		\$51,300	\$2,850	\$2,850	\$57,000
2016	Const/Rehab Non-Rev Park Lot (NH, MAP,NP) Construction	Yes	ОТОТРА	19	\$120,300	\$170,400	\$16,150	\$16,150	\$323,000 Construct a new 20-25 car parking lot for the terminal building at the NW corner of Airport Drive and Airport Blvd. Rehab pavement of existing lot.
2016	Extend Runway 800' Rwy 6/24 & Txy A Construction	Yes	CARWEX	26		\$1,707,300	\$94,850	\$94,850	\$1,897,000 Lengthen Rwy 6/24 & Txy A to 4300. Project includes a 150 shift of the Rwy to the west. Relocate Txy D to new end of Rwy. New LED lighting.
2016	Install Runway Lighting 6/24 Extension&TW A Construction	Yes	STRWLI			\$631,800	\$35,100	\$35,100	\$702,000

Date Prepared: 08/25/2014
Prepared By: Matthew Kulhanek

MICHIGAN STATE BLOCK GRANT PROGRAM

# AIRPORT CAPITAL IMPROVEMENT PROGRAM (ACIP)

Total Project Description (Long)	\$16,000	\$154,000 Preventative maintenance on existing pavements. Repair failed pavement joints on rwy. 6/24 & txy A, B, C, D. Remarking of rwy and txy as needed.	\$15,000	\$57,000	\$704,000
Local	\$800	\$7,700	\$750	\$2,850	\$35,200
State	\$800	\$7,700	\$750	\$2,850	\$35,200
Discretionary Apportionment		\$3,000			\$330,300
Entitlement	\$14,400	\$135,600	\$13,500	\$51,300	\$303,300
NPIAS Priority Rating	72	72	40	40	40
ACIP Code	RERWIM	RERWIM	CATEEX	CATEEX	CATEEX
Shown On ALP	N/A	N/A	Yes	Yes	Yes
Dev. Project Description Year	Rehab Runway 6/24 & TW sealing & markings Design	Rehab Runway 6/24 & TWs Joints & Remark Construction	Expand Terminal Bldg (capacity) Terminal Study Design	Expand Terminal Bldg (capacity) Design	Expand Terminal Bldg (capacity) Construction
Dev. Year	2017	2017	2018	2019	2019



ANN ARBOR MUNICIPAL AIRPORT ANN ARBOR, MI RUNWAY 6/24 EXTENSION FINAL DESIGN AND APPROACH SURVEY (PHASE II) N75.MKT.CRM

08/24/14

ITEM NO	MDOT SPEC	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
1	1007051	MISC. APPROACH SURVEY	1	LS	\$80,000.00	\$80,000.00
2	1007051	MISC. FINAL DESIGN	1		\$153,000.00	\$153,000.00
,		TOTAL PROJECT COST				\$233,000,00



ANN ARBOR MUNICIPAL AIRPORT ANN ARBOR, MI REHABILITATE EXISTING AIRPORT ACCESS ROAD

N75.MKT.CRM

08/14/14

ITEM NO	MDOT SPEC	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
				<u> </u>		
1	1000400	MOBILIZATION AND GENERAL CONDITIONS	1	LS	\$20,000.00	\$20,000.00
2	1000410	SAFETY AND SECURITY	1	LS	\$10,000.00	\$10,000.00
3	1000535	PERMITS	1,000	Dlr	\$1.00	\$1,000.00
4	1520453	BORROW EXCAVATION, FURNISHED BY AIRPORT OWNER AT OFF-				
		SITE LOCATION	1,520	Cyd	\$15.00	\$22,800.00
5	2080625	EROSION CONTROL, SILT FENCE	2,900	Ĺft	\$3.00	\$8,700.00
6	4000531	COLD MILL BITUMINOUS PAVEMENT, SPECIFIED THICKNESS	3,420	SY	\$5.00	\$17,100.00
7	4007051	MISC. PREPARATION OF EXISTING PAVEMENT	1	LS	\$10,000.00	\$10,000.00
8	4110620	BITUMINOUS AGGREGATE SURFACE COURSE, 20AAX				
		COMPOSITION	730	Ton	\$90.00	\$65,700.00
9		BITUMINOUS TACK COAT, SPECIFIED EMULSIFIED ASPHALT	180	Gal	\$5.00	\$900.00
10		MISC. ASPHALT SIDEWALK	13,770 \$	Sft	\$5.00	\$68,850.00
11	6207010	MISC. PAVEMENT MARKINGS	1	LS	\$5,000.00	\$5,000.00
12	7010510	CONCRETE CULVERT & SEWER PIPE 12", REINFORCED, C76,				
		CLASS II	1,570	Lft	\$50.00	\$78,500.00
13		PRECAST CONCRETE END SECTION FOR 12" PIPE	2	Ea	\$400.00	\$800.00
14		MISC. DRAINAGE STRUCTURE	5	Ea	\$3,000.00	\$15,000.00
15		CONCRETE CURB, SIZE AS SPECIFIED	1120	Lft	\$25.00	\$28,000.00
16		MISC. TRAFFIC SIGNS	2	Ea	\$700.00	\$1,400.00
17	9010517	TURFING WITH MIXTURE AND RATE, AS SPECIFIED	0.7	Acre	\$5,000.00	\$3,500.00
		TOTAL CONSTRUCTION COST				\$357,000.00
		COST ESCALATION FOR 2015 (2%+/- PER YEAR)				\$7,000.00
		DESIGN ENGINEERING & ADMINISTRATION				\$32,000.00
		CONSTRUCTION INSPECTION & ADMINISTRATION				\$43,000.00
		TOTAL PROJECT COST				\$439,000.00



ANN ARBOR MUNICIPAL AIRPORT ANN ARBOR, MI CONSTRUCT/REHAB NON-REVENUE PARKING LOT N75.MKT.CRM

08/11/14

	MDOT				UNIT	
NO	SPEC	DESCRIPTION	QUANTITY	UNITS	PRICE	TOTAL
	1000400	MODILIZATION AND OFNEDAL CONDITIONS			400 000 00	400 000 00
1		MOBILIZATION AND GENERAL CONDITIONS	1	LS	\$20,000.00	\$20,000.00
2		SAFETY AND SECURITY	1 000	LS	\$10,000.00	\$10,000.00
3		PERMITS	1,000	Dlr	\$1.00	\$1,000.00
4		MISC. LIGHTPOLES FOR PARKING LOT EXPANSION	1	LS	\$50,000.00	\$50,000.00
5		UNCLASSIFIED EXCAVATION	2,000	Cyd	\$12.00	\$24,000.00
6		EROSION CONTROL, SILT FENCE	830	Lft	\$3.00	\$2,490.00
7 8		MISC. 6" SAND SUBBASE, CLASS II	190	Cyd	\$20.00	\$3,800.00
•	2090520	CRUSHED AGGREGATE BASE COURSE, MATERIAL AS SPECIFIED, COMPACTED IN PLACE	0.45	Cd	<b>#05.00</b>	¢0 575 00
0	4000E01		245	Cyd	\$35.00	\$8,575.00
9		COLD MILL BITUMINOUS PAVEMENT, SPECIFIED THICKNESS MISC. PREPARATION OF EXISTING PAVEMENT	3,400	SY LS	\$5.00	\$17,000.00
10 11		BITUMINOUS AGGREGATE SURFACE COURSE, 20AAX	1	LS	\$10,000.00	\$10,000.00
11	4110620	COMPOSITION	005	т	<b>#00.00</b>	<b>#70.050.00</b>
12	C000E1E	BITUMINOUS TACK COAT, SPECIFIED EMULSIFIED ASPHALT	885 455	Ton Gal	\$90.00 \$5.00	\$79,650.00 \$2,275.00
13		CONCRETE SIDEWALK, 6"	145	Sft	\$5.00 \$7.00	\$2,275.00 \$1,015.00
14		MISC. PARKING LOT PAINT	145	LS	\$5,000.00	\$5,000.00
15		CONCRETE CULVERT & SEWER PIPE 12", REINFORCED, C76,	'	LO	φ5,000.00	φ5,000.00
13	7010310	CLASS II	120	Lft	\$50.00	\$6,000.00
16	7010000	PRECAST CONCRETE END SECTION FOR 12" PIPE	5	Ea	\$400.00	\$2,000.00
17		PIPE UNDERDRAIN 6", TYPE AS SPECIFIED	450	Lft	\$10.00	\$4,500.00
18		CATCH BASIN 5' DIAMETER, TYPE 2, THROUGH 8' DEPTH	450	Ea	\$2,500.00	\$2,500.00
19		CONCRETE CURB. SIZE AS SPECIFIED	580	Lft	\$2,500.00 \$25.00	\$14,500.00
20		MISC. TRAFFIC SIGNS	3	Ea	\$700.00	\$2,100.00
21		SEEDING WITH MIXTURE AND RATE AS SPECIFIED	1.0	Acre	\$5,000.00	\$5,000.00
21	9010540	SEEDING WITH MIXTORE AND HATE AS SPECIFIED	1.0	Acre	φ5,000.00	φ5,000.00
		TOTAL CONSTRUCTION COST				\$271,000.00
		COST ESCALATION FOR 2016 (2%+/- PER YEAR)				\$11,000.00
		DESIGN ENGINEERING & ADMINISTRATION				\$33,000.00
		CONSTRUCTION INSPECTION & ADMINISTRATION				\$41,000.00
		TOTAL PROJECT COST				\$356,000.00



ANN ARBOR MUNICIPAL AIRPORT ANN ARBOR, MI 800' RUNWAY AND TAXIWAY EXTENSION - LIGHTING N75.MKT.CRM

08/25/14

ITEM NO	MDOT SPEC	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
1	1000400	MOBILIZATION AND GENERAL CONDITIONS	1	LS	\$15,000.00	\$15,000.00
2		SAFETY AND SECURITY	1	LS	\$10,000.00	\$10,000.00
3	1000525	RUNWAY APPROACH SURFACE MARKER	8	Ea	\$450.00	\$3,600.00
4	1000530	RUNWAY CENTERLINE MONUMENT	2	Ea	\$1,200.00	\$2,400.00
5		PERMITS	1,000	Dlr	\$1.00	\$1,000.00
6	1080530	BARE COUNTERPOISE WIRE, #8 STRANDED, IN TRENCH OR DUCT				
			17,600	Lft	\$2.00	\$35,200.00
7	1080588	UNDERGROUND CABLE, 1/C, #8, 5000V, L824, TYPE C, IN TRENCH				
_		OR DUCT	30,600	Lft	\$1.75	\$53,550.00
8		ELECTRICAL VAULT MODIFICATIONS, AS SPECIFIED	1	LS	\$50,000.00	\$50,000.00
9		MISC. JUNCTION CAN	30	Ea	\$750.00	\$22,500.00
10		PLASTIC CONDUIT, 2", DIRECT BURIAL	7,000	Lft	\$8.00	\$56,000.00
11	1100638	UNDERGROUND ELECTRICAL DUCT, 4 BANK 4", DIRECT BURIAL			440.00	44.000.00
		MEDITALISTENDITY EDOE LIGHT LOOK (MIDLANTI) CONTROL	100	Lft	\$40.00	\$4,000.00
12	125/050	MEDIUM INTENSITY EDGE LIGHT, L861, (MIRL/MITL), 30" HIGH,	40	<b></b>	<b>#</b> 4 000 00	<b>AF7 000 00</b>
4.0	4057050	6.6A, BASE MOUNT, LED, WITH LENS/LAMP	48	Ea	\$1,200.00	\$57,600.00
13		MIRL/MITL (LED) ON EXISTING BASE CAN	258	Ea	\$450.00	\$116,100.00
14		MISC. GUIDANCE SIGNS	5	Ea	\$3,000.00	\$15,000.00
15	1250820	RUNWAY END IDENTIFIER LIGHT SYSTEM (REIL), AS SPECIFIED	4	0-4	<b>#15 000 00</b>	¢1E 000 00
10	1050007	PRECISION APPROACH PATH INDICATOR (PAPI), 4 BOX,	1	Set	\$15,000.00	\$15,000.00
16	1250637	INSTALLED	2	Set	\$20.000.00	\$40,000.00
17	1057051	MISC. FAA REIMBURSEABLE AGREEMENT COST FOR	2	Sei	φ20,000.00	<b>Φ40,000.00</b>
17	1207001	RELOCATION OF REILS	. 1	1.0	\$100,000.00	\$100,000.00
18	1257051	MISC. PAPI FLIGHT CHECK	1	LS	\$8,000.00	\$8,000.00
10	1257051	MIGG. FAFI FLIGHT GHEGK	ı	LO	φα,000.00	φο,υυυ.υυ
		TOTAL CONSTRUCTION COST				\$605,000.00
		COST ESCALATION FOR 2016 (2%+/- PER YEAR)				\$24,000.00
		DESIGN ENGINEERING & ADMINISTRATION				\$57,000.00
		CONSTRUCTION INSPECTION & ADMINISTRATION				\$73,000.00
		TOTAL PROJECT COST				\$759,000.00



ANN ARBOR MUNICIPAL AIRPORT ANN ARBOR, MI 800' RUNWAY AND TAXIWAY EXTENSION

N75.MKT.CRM

08/24/14

ITEM NO	MDOT SPEC	DESCRIPTION	OLIANITITY	LINUTO	UNIT	T074
NO	SPEC	DESCRIPTION	QUANTITY	UNITS	PRICE	TOTAL
1	1000400	MOBILIZATION AND GENERAL CONDITIONS	1	LS	\$55,000.00	\$55,000.00
2		SAFETY AND SECURITY	1	LS	\$40,000.00	\$40,000.00
3		PERMITS	5,000	Dir	\$1.00	\$5,000.00
4		UNCLASSIFIED EXCAVATION	32,900	Cvd	\$8.00	\$263,200.00
5		EROSION CONTROL, SILT FENCE	4,240	Lft		\$12,720.00
·		MISC. EROSION CONTROL	7,240	LS	\$10,000.00	\$10,000.00
6		CRUSHED AGGREGATE BASE COURSE, MATERIAL AS SPECIFIED,	•	LO	φ10,000.00	\$10,000.00
•	LUUUULU	COMPACTED IN PLACE	2,270	Cvd	\$35.00	\$79,450.00
7	2097021	MISC. 12" SAND SUBBASE	4,760	Cyd	\$20.00	\$95,200.00
8		PORTLAND CEMENT CONCRETE PAVEMENT, 6" NON-	4,700	Cyu	φ20.00	φ95,200.00
·	0010010	REINFORCED	13,630	Syd	\$55.00	\$749,650.00
10	6050520	JOINT AND CRACK SEALING, AS SPECIFIED	130	Lft	\$5.00	\$650.00
		MISC. PAVEMENT REPAIRS	130	LS	\$33,000.00	\$33,000.00
11		MISC. RUNWAY GROOVING	12.000	Syd	\$2.00	\$24.000.00
12		AIRPORT PAVEMENT MARKING, SOLID, BLACK	24,500	Sft	\$1.50	\$36,750.00
13		AIRPORT PAVEMENT MARKING, SOLID, WHITE, WITH REFLECTIVE	24,500	GIL	φ1.50	φ30,730.00
	0200001	BEADS	31,500	Sft	\$1.50	\$47,250.00
14	6200535	AIRPORT PAVEMENT MARKING, SOLID, YELLOW, WITH	31,500	Oit	Ψ1.50	φ47,230.00
• •	020000	REFLECTIVE BEADS	14,500	Sft	\$1.50	\$21,750.00
15	7017051	MISC. DRAINAGE	14,500	LS	\$100,000.00	\$100,000.00
16		PIPE UNDERDRAIN 6", TYPE AS SPECIFIED	4,470	Lft	\$8.00	\$35,760.00
17		UNDERDRAIN CLEANOUT, AS SPECIFIED	11	Ea	\$600.00	\$6,600.00
18		TURFING WITH MIXTURE AND RATE, AS SPECIFIED	5	Acre	\$4,000.00	\$20,000.00
	0010011	TOTAL INC. PARTITION OF LOWIED	3	Auc	Ψ+,000.00	φ20,000.00
		TOTAL CONSTRUCTION COST				\$1,636,000.00
		COST ESCALATION FOR 2016 (2%+/- PER YEAR)				\$65,000.00
		DESIGN ENGINEERING & ADMINISTRATION				\$153,000.00
		CONSTRUCTION INSPECTION & ADMINISTRATION				\$196,000.00
		TOTAL PROJECT COST				\$2,050,000.00
		101/1211100201				Ψ&,000,000.00



ANN ARBOR MUNICIPAL AIRPORT ANN ARBOR, MI JOINT SEALING AND PAVEMENT REMARKING

N75.MKT.CRM

08/24/14

ITEM NO	MDOT SPEC	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
1 2 3 4			1 1 1	LS LS LS LS	\$5,000.00 \$2,000.00 \$33,000.00 \$86,000.00	\$5,000.00 \$2,000.00 \$33,000.00 \$86,000.00
		TOTAL CONSTRUCTION COST COST ESCALATION FOR 2017 (2%+/- PER YEAR)				\$126,000.00 \$8,000.00
		DESIGN ENGINEERING & ADMINISTRATION CONSTRUCTION INSPECTION & ADMINISTRATION				\$16,000.00 \$20,000.00
		TOTAL PROJECT COST				\$170,000.00



### TERMINAL BUILDING

ANN ARBOR MUNICIPAL AIRPORT ANN ARBOR , MI TERMINAL RENOVATION AND EXPANSION N75.MKT.CRM

08/14/14

ITEM NO	M DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL
4	MOBILIZATION AND GENERAL CONDITIONS	4	LS	\$10.000.00	\$10,000.00
2	SAFETY AND SECURITY	1	LS	\$10,000.00	\$10,000.00
3	BUILDING RESTORATION	3,000	SF	\$130.00	\$390,000.00
4	MISC. SITEWORK	1	LS	\$12,000.00	\$12,000.00
5	BUILDING CONSTRUCTION	1,000	SF	\$150.00	\$150,000.00
	TOTAL GONOTPUCTION COST				<b>4570</b> 000 00
	TOTAL CONSTRUCTION COST				\$572,000.00
	COST ESCALATION (2%+/- PER YEAR)				\$57,000.00
	DESIGN ENGINEERING & ADMINISTRATION				\$57,000.00
	CONSTRUCTION INSPECTION & ADMINISTRATION				\$75,000.00
	TOTAL PROJECT COST				\$761,000.00

## Runway & Taxiway Extension Track Ann Arbor Municipal Airport - ARB

Aumilyhle Enderal Entitlements (NDE) \$571 000 (\$421 000 Carryover from 2014)		\$233,000   LD   Rehab Existing Airport Access Road (Airport Blvd.)		3,000 Carryover \$175,900 (Local \$21,950)	Available Federal Entitlements (NPE) \$325,900 (\$175,900 Carryover from 2015,	\$1,897,000 Terminal Building Parking Lot Expansion - Desigr	\$57,000   💪 Terminal Building Parking Lot Expansion - Constructior	\$702,000 <b>Q</b>		66,000         Carryover \$5,500         Local \$17,800)         Total	Available Federal Entitlements (NPE) \$155,500 (\$5,500 Carryover from 2016,	\$407,000 P. Rehab Runway 6/24 and Taxiways (all) - Joints and Remarking - Desigr	\$32,000   🛱 Rehab Runway 6/24 and Taxiways (all) - Joints and Remarking - Construction	7	<b>19,000</b> Carryover \$2,500	Available Federal Entitlements (NPE) \$152,500 (\$2,500 Carryover from 2017,	\$33,000 😿 Terminal Building Expansion and Renovation Study	8323,000   🕏		i6,000 Carryover \$139,000 (Local \$750)	Available Federal Entitlements (NPE) \$289,000 (\$139,000 Carryover from 2018,	;	Terminal Building Expansion - Construction	5.000 Carryover \$0 Need an additional \$395.900 of Federal fundina (Local \$38.050)
A!  Light Coderal Entitionant (AIDE) CE71 000 (CA21 000 Carrioner from 2014)	ryover from 2014)	Final Design and Approach Survey (Phase II) Runway 6/24 Extension	50	Carryover \$361,000 Total \$233,000	Available Federal Entitlements (NPE) \$511,000 (\$361,000 carryover from 2015,	800' Runway 6/24 & Taxiway A Extension Constructior \$1,89	Install Runway 6/24 & Taxiway Lighting - Desigr	ruction	Carryover \$0 Need an additional \$1,879,400 of Federal	funding (Local \$132,800) Total \$2,656,000	Available Federal Entitlements (NPE) \$150,000 (\$0k Carryover from 2016)	Rehab Existing Airport Access Road (Airport Blvd.)	) - Desigr	Carryover \$0 Need an additional \$245,100 of Federal	funding (Local \$21,950) Total \$439,000	Available Federal Entitlements (NPE) \$150,000 (\$0 Carryover from 2017)	Terminal Building Parking Lot Expansion - Desigr	Terminal Building Parking Lot Expansion - Constructior	Carryover \$0 Need an additional \$170,400 of Federal	funding	Available Federal Entitlements (NPE) \$150,000 (\$0 Carryover from 2018)	Terminal Building Expansion and Renovation Study \$1.		(1 ocal \$750) Total \$15 000

## No Runway and Taxiway Extension Track Ann Arbor Municipal Airport - ARB

L	Available Federal Entitlements (NPE) \$571,000 (\$421,000 Carryover from 2014)	Available Federal Entitlements (NPE) \$571,000 (\$421,000 Carryover from 2014)
9	Final Design and Approach Survey (Phase II) Runway 6/24 Extension	Rehab Existing Airport Access Road (Airport Blvd.)
itc		Rehab Existing Airport Access Road (Airport Blvd.) - Desigr
5(		7
	Carryover \$361,000 Total \$233,000	Carryover \$175,900 (Local \$21,950) Total \$439,000
	Available Federal Entitlements (NPE) \$511,000 (\$361,000 carryover from 2015,	Available Federal Entitlements (NPE) \$325,900 (\$175,900 Carryover from 2015,
	800' Runway 6/24 & Taxiway A Extension Constructior \$1,897,000	Terminal Building Parking Lot Expansion - Desigr
91	Install Runwa	[설 Terminal Building Parking Lot Expansion - Constructior
07	Install Runway 6/24 & Taxiway Lighting - Constructior	07
<u> </u>		
	funding (Local \$132,800) Total \$2,656,000	Carryover \$5,500 (Local \$17,800) Total \$356,000
	Available Federal Entitlements (NPE) \$150,000 (\$0k Carryover from 2016)	Available Federal Entitlements (NPE) \$155,500 (\$5,500 Carryover from 2016,
		Rehab Runway 6/24 and Taxiways (all) - Joints and Remarking - Desigr
τc	Rehab Existin	Rehab Runway 6/24 and Taxiways (all) - Joints and Remarking - Construction
7(	Carryover \$0 Need an additional \$245,100 of Federal	7
	funding (Local \$21,950) Total \$439,000	Carryover \$2,500 Total \$170,000
	Available Federal Entitlements (NPE) \$150,000 (\$0 Carryover from 2017)	Available Federal Entitlements (NPE) \$152,500 (\$2,500 Carryover from 2017,
8	2000000	🕳 Terminal Building Expansion and Renovation Study \$15,000
TC	(2.10) AS	T.C.
5(	31.00	
	funding (Local \$17,800) Total \$356,000	Carryover \$139,000 Total \$15,000
	Available Federal Entitlements (NPE) \$150,000 (\$0 Carryover from 2018)	Available Federal Entitlements (NPE) \$289,000 (\$139,000 Carryover from 2018,
6	Terminal Building Expansion and Renovation Study \$15,000	ာ Terminal Building Expansion - Design
το		Terminal Building Expansion - Construction \$704,000
7	7 1000 Total \$15 000	Carrumer & Need an additional \$395 900 of Eederal funding (Local \$38 050) Total \$751 000
	Carryover \$130,300	

### TEN-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2015 to FY-2025

### Ann Arbor Municipal Airport - ARB

	Available Federal Entitlements (NPE) \$571,000 (\$421,000 Carryover from 2014)		
_	Final Design and Approach Survey (Phase II) Runway 6/24 Extension		\$233,000
	Rehab Existing Airport Access Road (Airport Blvd.)		\$407,000
	Rehab Existing Airport Access Road (Airport Blvd.) - Design		\$32,000
		(Local \$33,600)	Total \$672,000
2016	800' Runway 6/24 & Taxiway A Extension Construction		\$1,897,000
	Install Runway 6/24 & Taxiway Lighting - Design		\$57,000
20	Install Runway 6/24 & Taxiway Lighting - Construction		\$702,000
, ,	Terminal Building Parking Lot Expansion - Design		\$33,000
	Terminal Building Parking Lot Expansion - Construction		\$323,000
		(Local \$150,600) 1	Total \$3,012,000
	Rehab Runway 6/24 and Taxiways (all) - Pavement Joints and Remarking - Design		\$16,000
2017	Rehab Runway 6/24 and Taxiways (all) - Pavement Joints and Remarking - Construction		\$154,000
20	Total rama, o, 2 rama ramays (an, 1 aremenessine and nemaming construction		¥ 10 1,000
		(Local \$8,500)	Total \$170,000
~	Terminal Building Expansion and Renovation Study		\$15,000
2018	Terminal banding Expansion and heriotation stady		Ÿ13,000
7(			
	(Local \$750) Total \$15,000		
6	Terminal Building Expansion - Design		\$57,000
2019	Terminal Building Expansion - Design Terminal Building Expansion - Construction		\$37,000
2	Terminal Building Expansion - Construction	(Local \$38.050)	7704,000 Total \$761,000
		(======================================	7 0 2,000
2020	Rehab Existing Airport Access Road (Airport Drive - Phase I)		\$219,000
20		(Local \$10.0E0)	Total \$219,000
		(LOCAI \$10,930)	10tai 3213,000
2021			
20	Rehab Existing Airport Access Road (Airport Drive - Phase II)		\$166,000
		(Local \$8,300)	Total \$166,000
2	Reconstruct SE and NE Taxiways		\$1,138,000
202	RECONSTRUCT SE AND INE TAXIWAYS		\$1,138,000
2		(Local \$56,900) 1	Total \$1,138,000
3	Box Hangar Taxilanes		\$193,000
2023	SRE Equipment		\$193,000
2	SNE Equipment	(Local \$25.700)	Total \$514,000
		(2000. 420). 00)	702.700
2024	Rehab and Expand Terminal Ramp & New Lighting		\$1,557,000
20	Storm Drainage Improvements/Hangar Site Work		\$128,000
		(Local \$84,250) 1	Total \$1,685,000
2025	NIW T Hangar Accord Poad Construction		¢2E2 000
	NW T Hangar Access Road Construction Upgrade to LED Lighting		\$353,000
	OPELIAGE TO LED LIBITURE		
		(Local \$17.650)	Total \$353,000
		(======================================	. 514. 7555,000