Short-Term Capital Improvement Program
APF Airport Master Plan

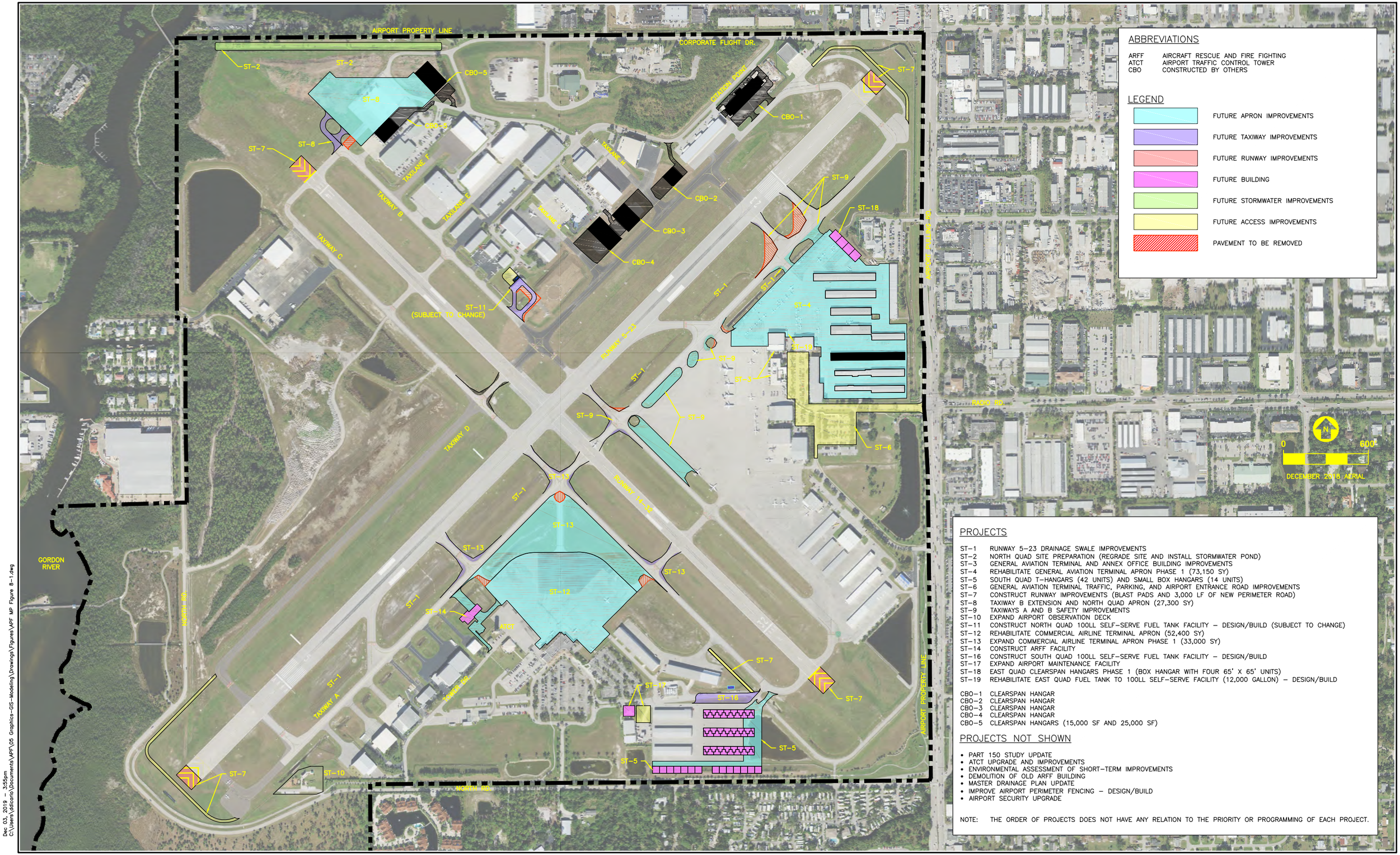
12/5/2019

NAA FY2020 Budget

Construction Inflation 1.03

100% NAA = Non Participatory

JACIP	Year	Priority	Figure	Project	Cost Estimate (2019 $)	N	Project Total (with inflation)	FAA Entitlement	FAA Discretionary	FDOT	NAA
	2020	2	Not shown on Figure	Airport Master Plan	$ 315,000	0	**$ 315,000**	$ 100,000	$ -	$ 15,000	$ 200,000
PFL0012915	2020	3	Not shown on Figure	14 CFR Part 150 Study Update - NCP	$ 652,000	0	**$ 652,000**	$ -	$ 586,800	$ 32,600	$ 32,600
PFL0012915	2020	3	Not shown on Figure	14 CFR Part 150 Study Update - NEM	$ 330,000	0	**$ 330,000**	$ 300,000	$ -	$ 15,000	$ 15,000
PFL0010182	2020	1	ST-14	Construct Aircraft Rescue and Fire Fighting Building	$ 4,914,224	0	**$ 4,914,224**	$ -	$ -	$ 2,284,298	$ 2,629,926
PFL0011686	2020	4	ST-1	Runway 5-23 Drainage Swale Improvements Phase 1	$ 1,900,000	0	**$ 1,900,000**	$ -	$ 1,710,000	$ 95,000	$ 95,000
	2020	5	Not shown on Figure	Airport Security Upgrade	$ 925,000	0	**$ 925,000**	$ -	$ -	$ -	$ 925,000
PFL0011418	2020	6	ST-2	North Quad Site Preparation (regrade site and stormwater pond) - Design	$ 660,000	0	**$ 660,000**	$ -	$ -	$ -	$ 660,000
PFL0012916	2020	7	Not shown on Figure	ATCT Upgrade and Improvements	$ 1,000,000	0	**$ 1,000,000**	$ -	$ -	$ -	$ 1,000,000
PFL0012917	2020	8	ST-3	General Aviation Terminal and Annex Office Building Improvements	$ 3,500,000	0	**$ 3,500,000**	$ -	$ -	$ -	$ 3,500,000
PFL0012398	2020	9	ST-6	General Aviation Terminal Traffic, Parking, and Airport Entrance Road Improvements - Design/Build	$ 2,000,000	0	**$ 2,000,000**	$ -	$ -	$ -	$ 2,000,000
					TOTALS		**$ 16,196,224**	**$ 400,000**	**$ 2,296,800**	**$ 2,441,898**	**$ 11,057,526**
PFL0012915	2021	1	Not shown on Figure	14 CFR Part 150 Study Update - NEM	$ 253,000	0	**$ 253,000**	$ 150,000	$ -	$ 7,500	$ 95,500
PFL0011686	2021	2	ST-1	Runway 5-23 Drainage Swale Improvements Phase 2	$ 1,500,000	0	**$ 1,500,000**	$ -	$ 1,350,000	$ 75,000	$ 75,000
	2021	3	ST-9	Taxiways A and B Safety Improvements - Design	$ 108,100	2	**$ 114,683**	$ -	$ 103,215	$ 5,734	$ 5,734
PFL0011418	2021	4	ST-2	North Quad Site Preparation (regrade site and stormwater pond)	$ 3,100,000	0	**$ 3,100,000**	$ -	$ -	$ -	$ 3,100,000
	2021	5	Not shown on Figure	Environmental Assessment of Short-Term Improvements	$ 350,000	2	**$ 371,315**	$ -	$ -	$ -	$ 371,315
	2021	6	Not shown on Figure	Demolition of Old Aircraft Rescue and Fire Fighting Building	$ 150,000	2	**$ 159,135**	$ -	$ -	$ -	$ 159,135
	2021	7	ST-17	Expand Airport Maintenance Facility - Design	$ 319,800	2	**$ 339,276**	$ -	$ -	$ -	$ 339,276
	2021	8	Not shown on Figure	Master Drainage Plan Update	$ 370,000	2	**$ 392,533**	$ -	$ -	$ -	$ 392,533
					TOTALS		**$ 5,837,409**	**$ 150,000**	**$ 1,453,215**	**$ 88,234**	**$ 4,145,960**
PFL0012915	2022	1	Not shown on Figure	14 CFR Part 150 Study Update - NEM	$ 165,000	0	**$ 165,000**	$ 150,000	$ -	$ 7,500	$ 7,500
	2022	2	ST-9	Construct Taxiways A and B Safety Improvements	$ 1,530,800	3	**$ 1,672,746**	$ -	$ 1,505,472	$ 83,637	$ 83,637
	2022	3	ST-12, ST-13, IT-2	Rehabilitate and Expand Commercial Airline Terminal Apron - Design	$ 477,680	0	**$ 477,680**	$ -	$ -	$ 238,840	$ 238,840
	2022	4	Not shown on Figure	Improve Airport Perimeter Fencing - Design/Build	$ 1,000,000	0	**$ 1,000,000**	$ -	$ -	$ 500,000	$ 500,000
PFL0012918	2022	5	ST-4	Rehabilitate General Aviation Terminal Apron Phase 1 (73,150 SY) - Design	$ 269,000	0	**$ 269,000**	$ -	$ -	$ -	$ 269,000
	2022	6	ST-18	East Quad Clearspan Hangars Phase 1 (box hangar with four 65' x 65' units) - Design	$ 203,000	3	**$ 221,824**	$ -	$ -	$ -	$ 221,824
	2022	7	ST-19	Rehabilitate East Quad Fuel Tank to 100LL Self-Serve Facility (12,000 gallon) - Design/Build	$ 75,000	3	**$ 81,955**	$ -	$ -	$ -	$ 81,955
	2022	8	ST-7	Runway Improvements (blast pads and 3,000 LF of new perimeter road) - Design	$ 169,200	3	**$ 184,889**	$ -	$ 166,400	$ 9,244	$ 9,244
PFL0011715	2022	9	Not shown on Figure	Airport Security Upgrade	$ 1,000,000	0	**$ 1,000,000**	$ -	$ -	$ 800,000	$ 200,000
	2022	10	ST-8	Taxiway B Extension and North Quad Apron (27,300 SY) - Design	$ 281,400	3	**$ 307,493**	$ -	$ -	$ 153,747	$ 153,747
	2022	11	ST-17	Expand Airport Maintenance Facility	$ 3,192,900	3	**$ 3,488,968**	$ -	$ -	$ -	$ 3,488,968
					TOTALS		**$ 8,869,555**	**$ 150,000**	**$ 1,671,872**	**$ 1,792,968**	**$ 5,254,715**
PFL0011685	2023	1	ST-5	South Quad T-hangars (42 units) and Small Box Hangars (14 units) - Design	$ 770,000	0	**$ 770,000**	$ -	$ -	$ 616,000	$ 154,000
PFL0012918	2023	2	ST-4	Rehabilitate General Aviation Terminal Apron Phase 1 (73,150 SY)	$ 1,731,000	0	**$ 1,731,000**	$ -	$ -	$ -	$ 1,731,000
	2023	3	ST-18	Construct East Quad Clearspan Hangars Phase 1 (box hangar with four 65' x 65' units)	$ 2,940,400	4	**$ 3,309,446**	$ -	$ -	$ -	$ 3,309,446
PFL0012395	2023	4	ST-12	Rehabilitate Commercial Airline Terminal Apron (52,400 SY)	$ 1,500,000	0	**$ 1,500,000**	$ -	$ -	$ 750,000	$ 750,000
	2023	5	ST-7	Construct Runway Improvements (blast pads and 3,000 LF of new perimeter road)	$ 1,708,100	4	**$ 1,922,482**	$ 150,000	$ 1,580,233	$ 96,124	$ 96,124
	2023	6	ST-8	Construct Taxiway B Extension and North Quad Apron (27,300 SY)	$ 3,762,000	4	**$ 4,234,164**	$ -	$ -	$ 2,117,082	$ 2,117,082
	2023	7	ST-10	Expand Airport Observation Deck	$ 250,000	4	**$ 281,377**	$ -	$ -	$ -	$ 281,377
					TOTALS		**$ 13,748,469**	**$ 150,000**	**$ 1,580,233**	**$ 3,579,206**	**$ 8,439,029**
	2024	1	ST-13	Expand Commercial Airline Terminal Apron Phase 1 (33,000 SY)	$ 4,095,000	0	**$ 4,095,000**	$ -	$ -	$ 2,047,500	$ 2,047,500
PFL0011685	2024	2	ST-5	Construct South Quad T-hangars (42 units) and Small Box Hangars (14 units)	$ 6,730,000	0	**$ 6,730,000**	$ -	$ -	$ 5,384,000	$ 1,346,000
PFL0009409	2024	3	IT-1	Expand General Aviation Terminal Apron Phase 1 (20,300 SY) - Design	$ 101,500	5	**$ 117,666**	$ -	$ -	$ 94,133	$ 23,533
	2024	4	ST-11	Construct North Quad 100LL Self-Serve Fuel Tank Facility (12,000 gallon tank from East Quad, north end) - Design/Build	$ 720,000	5	**$ 834,677**	$ -	$ -	$ -	$ 834,677
	2024	5	ST-16	Construct South Quad 100LL Self-Serve Fuel Tank Facility (12,000 gallon tank from East Quad, south end) - Design/Build	$ 497,100	5	**$ 576,275**	$ -	$ -	$ -	$ 576,275
					TOTALS		**$ 12,353,619**	**$ -**	**$ -**	**$ 7,525,633**	**$ 4,827,986**
				SHORT-TERM CIP TOTALS			**$ 57,005,276**	**$ 850,000**	**$ 7,002,121**	**$ 15,427,940**	**$ 33,725,216**



ABBREVIATIONS

ARFF	AIRCRAFT RESCUE AND FIRE FIGHTING
ATCT	AIRPORT TRAFFIC CONTROL TOWER
CBO	CONSTRUCTED BY OTHERS

LEGEND

- FUTURE APRON IMPROVEMENTS
- FUTURE TAXIWAY IMPROVEMENTS
- FUTURE RUNWAY IMPROVEMENTS
- FUTURE BUILDING
- FUTURE STORMWATER IMPROVEMENTS
- FUTURE ACCESS IMPROVEMENTS
- PAVEMENT TO BE REMOVED

PROJECTS

ST-1	RUNWAY 5-23 DRAINAGE SWALE IMPROVEMENTS
ST-2	NORTH QUAD SITE PREPARATION (REGRADE SITE AND INSTALL STORMWATER POND)
ST-3	GENERAL AVIATION TERMINAL AND ANNEX OFFICE BUILDING IMPROVEMENTS
ST-4	REHABILITATE GENERAL AVIATION TERMINAL APRON PHASE 1 (73,150 SY)
ST-5	SOUTH QUAD T-HANGARS (42 UNITS) AND SMALL BOX HANGARS (14 UNITS)
ST-6	GENERAL AVIATION TERMINAL TRAFFIC, PARKING, AND AIRPORT ENTRANCE ROAD IMPROVEMENTS
ST-7	CONSTRUCT RUNWAY IMPROVEMENTS (BLAST PADS AND 3,000 LF OF NEW PERIMETER ROAD)
ST-8	TAXIWAY B EXTENSION AND NORTH QUAD APRON (27,300 SY)
ST-9	TAXIWAYS A AND B SAFETY IMPROVEMENTS
ST-10	EXPAND AIRPORT OBSERVATION DECK
ST-11	CONSTRUCT NORTH QUAD 100LL SELF-SERVE FUEL TANK FACILITY – DESIGN/BUILD (SUBJECT TO CHANGE)
ST-12	REHABILITATE COMMERCIAL AIRLINE TERMINAL APRON (52,400 SY)
ST-13	EXPAND COMMERCIAL AIRLINE TERMINAL APRON PHASE 1 (33,000 SY)
ST-14	CONSTRUCT ARFF FACILITY
ST-16	CONSTRUCT SOUTH QUAD 100LL SELF-SERVE FUEL TANK FACILITY – DESIGN/BUILD
ST-17	EXPAND AIRPORT MAINTENANCE FACILITY
ST-18	EAST QUAD CLEARSPAN HANGARS PHASE 1 (BOX HANGAR WITH FOUR 65' X 65' UNITS)
ST-19	REHABILITATE EAST QUAD FUEL TANK TO 100LL SELF-SERVE FACILITY (12,000 GALLON) – DESIGN/BUILD

CBO-1	CLEARSPAN HANGAR
CBO-2	CLEARSPAN HANGAR
CBO-3	CLEARSPAN HANGAR
CBO-4	CLEARSPAN HANGAR
CBO-5	CLEARSPAN HANGARS (15,000 SF AND 25,000 SF)

PROJECTS NOT SHOWN

- PART 150 STUDY UPDATE
- ATCT UPGRADE AND IMPROVEMENTS
- ENVIRONMENTAL ASSESSMENT OF SHORT-TERM IMPROVEMENTS
- DEMOLITION OF OLD ARFF BUILDING
- MASTER DRAINAGE PLAN UPDATE
- IMPROVE AIRPORT PERIMETER FENCING – DESIGN/BUILD
- AIRPORT SECURITY UPGRADE

NOTE: THE ORDER OF PROJECTS DOES NOT HAVE ANY RELATION TO THE PRIORITY OR PROGRAMMING OF EACH PROJECT.

Dec 03, 2019 - 3:55pm
C:\Users\ddicarlo\Documents\APF\05 Graphics-GIS-Modeling\Drawings\Figures\APF MP Figure 8-1.dwg

Source: ESA, 2019.

FIGURE 8-1

SHORT-TERM (2020-2024) CAPITAL IMPROVEMENT PROJECTS

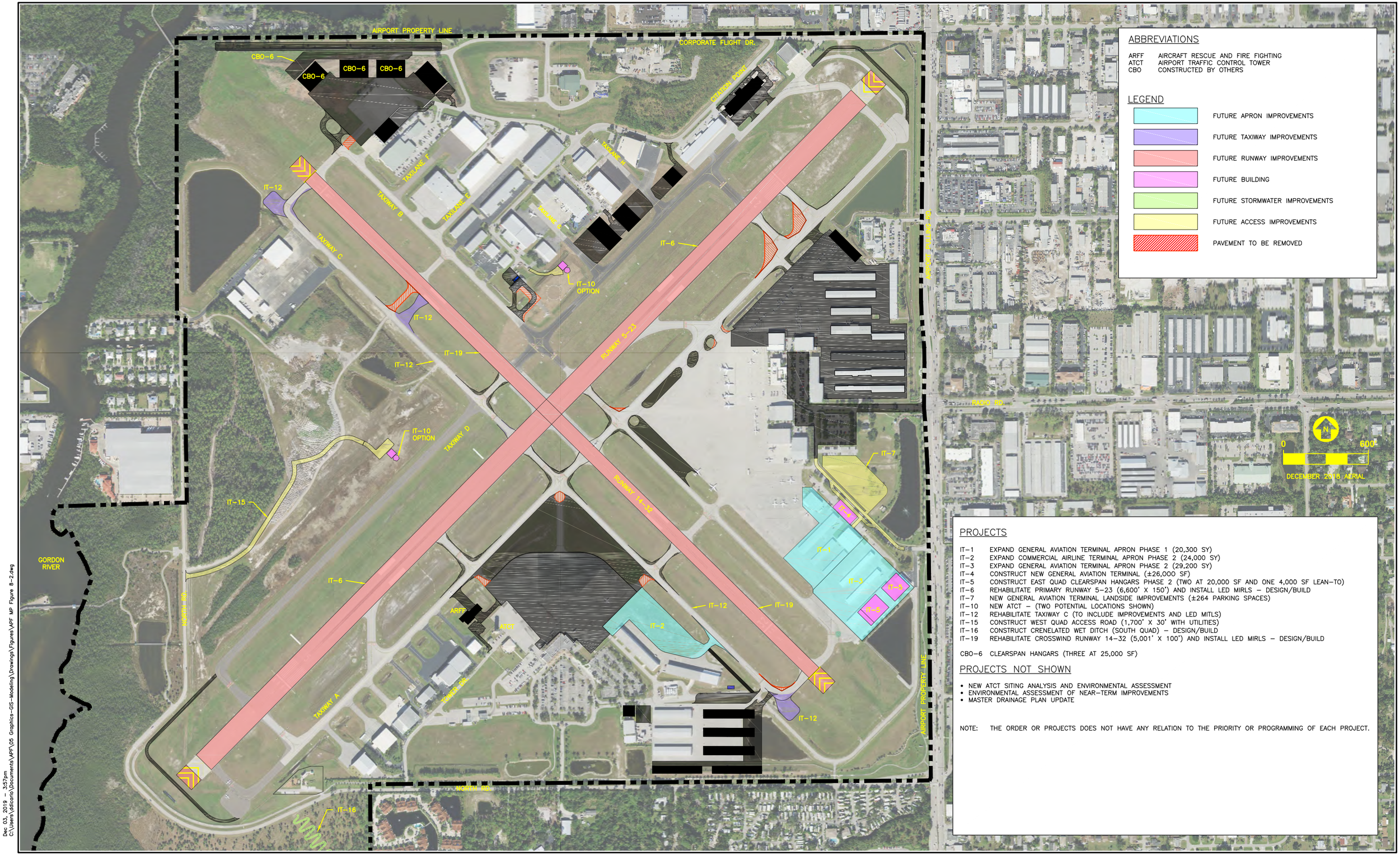
Intermediate-Term Capital Improvement Program
APF Airport Master Plan

12/5/2019

Construction Inflation 1.03

100% NAA = Non Participatory

JACIP	Year	Priority	Figure	Project	Cost Estimate (2019 $)	N	Project Total (with inflation)	FAA Entitlement	FAA Discretionary	FDOT	NAA
PFL0009409	2025		IT-1	Expand General Aviation Terminal Apron Phase 1 (20,300 SY)	$ 1,360,100	6	**$ 1,624,031**	$ -	$ -	$ 1,299,224	$ 324,806
	2025		IT-2	Expand Commercial Airline Terminal Apron Phase 2 (24,000 SY)	$ 2,076,400	6	**$ 2,479,330**	$ -	$ -	$ 1,239,665	$ 1,239,665
	2025		IT-3	Expand General Aviation Terminal Apron Phase 2 (29,200 SY) - Design	$ 146,000	6	**$ 174,332**	$ -	$ -	$ 139,465	$ 34,866
					TOTALS		**$ 4,277,692**	**$ -**	**$ -**	**$ 2,678,355**	**$ 1,599,338**
	2026		IT-3	Expand General Aviation Terminal Apron Phase 2 (29,200 SY)	$ 1,956,400	7	**$ 2,406,125**	$ -	$ -	$ 1,924,900	$ 481,225
	2026		IT-4	New General Aviation Terminal (±26,000 SF) - Design	$ 994,000	7	**$ 1,222,495**	$ -	$ -	$ 611,247	$ 611,247
	2026		IT-7	New General Aviation Terminal Landside Improvements (±264 parking spaces) - Design	$ 216,000	7	**$ 265,653**	$ -	$ -	$ 132,826	$ 132,826
	2026		IT-6	Rehabilitate Primary Runway 5-23 (6,600' x 150') and Install LED MIRLs - Design/Build	$ 3,955,000	7	**$ 4,864,151**	$ 450,000	$ 3,927,736	$ 243,208	$ 243,208
					TOTALS		**$ 8,758,424**	**$ 450,000**	**$ 3,927,736**	**$ 2,912,181**	**$ 1,468,506**
	2027		IT-4	Construct New General Aviation Terminal (±26,000 SF)	$ 14,200,000	8	**$ 17,988,135**	$ -	$ -	$ 8,994,068	$ 8,994,068
	2027		IT-7	Construct New General Aviation Terminal Landside Improvements (±264 parking spaces)	$ 2,400,000	8	**$ 3,040,248**	$ -	$ -	$ 1,520,124	$ 1,520,124
	2027		Not shown on Figure	New ATCT Siting Analysis and Environmental Assessment	$ 500,000	8	**$ 633,385**	$ 150,000	$ 420,047	$ 31,669	$ 31,669
	2027		IT-15	West Quad Access Road Phase 1 (1,700' x 30' with utilities) - Design	$ 93,400	8	**$ 118,316**	$ -	$ -	$ 59,158	$ 59,158
	2027		Not shown on Figure	Environmental Assessment of Near-Term Improvements	$ 350,000	8	**$ 443,370**	$ -	$ 399,033	$ 22,168	$ 22,168
	2027		IT-12	Rehabilitate Taxiway C (to include improvements and LED MITLs) - Design	$ 130,300	8	**$ 165,060**	$ -	$ 148,554	$ 8,253	$ 8,253
					TOTALS		**$ 22,388,514**	**$ 150,000**	**$ 967,633**	**$ 10,635,441**	**$ 10,635,441**
	2028		IT-5	East Quad Clearspan Hangars Phase 2 (two at 20,000 SF and one 4,000 SF lean-to) - Design	$ 490,000	9	**$ 639,339**	$ -	$ -	$ 319,669	$ 319,669
	2028		IT-10	New ATCT - Design	$ 1,450,000	9	**$ 1,891,921**	$ 150,000	$ 1,552,729	$ 94,596	$ 94,596
	2028		IT-16	Construct Crenelated Wet Ditch (South Quad) - Design/Build	$ 1,123,100	9	**$ 1,465,391**	$ -	$ -	$ 1,172,313	$ 293,078
	2028		IT-15	Construct West Quad Access Road (1,700' x 30' with utilities)	$ 999,500	9	**$ 1,304,121**	$ -	$ -	$ 652,060	$ 652,060
	2028		IT-12	Rehabilitate Taxiway C (to include improvements and LED MITLs)	$ 2,099,100	9	**$ 2,738,849**	$ -	$ 2,464,964	$ 136,942	$ 136,942
					TOTALS		**$ 8,039,621**	**$ 150,000**	**$ 4,017,693**	**$ 2,375,581**	**$ 1,496,347**
	2029		IT-5	Construct East Quad Clearspan Hangars Phase 2 (two at 20,000 SF and one 4,000 SF lean-to)	$ 7,100,000	10	**$ 9,541,806**	$ -	$ -	$ 4,770,903	$ 4,770,903
	2029		IT-10	Construct New ATCT	$ 7,000,000	10	**$ 9,407,415**	$ 150,000	$ 8,316,673	$ 470,371	$ 470,371
	2029		IT-10	FAA ATCT Equipment Reimbursable	$ 500,000	10	**$ 671,958**	$ -	$ 604,762	$ 33,598	$ 33,598
	2029		IT-19	Rehabilitate Crosswind Runway 14-32 (5,001' x 100') and Install LED MIRLs - Design/Build	$ 2,136,000	10	**$ 2,870,605**	$ -	$ 2,583,545	$ 143,530	$ 143,530
	2029		Not shown on Figure	Master Drainage Plan Update	$ 370,000	10	**$ 497,249**	$ -	$ -	$ -	$ 497,249
					TOTALS		**$ 22,989,034**	**$ 150,000**	**$ 11,504,980**	**$ 5,418,402**	**$ 5,915,651**
				INTERMEDIATE-TERM CIP TOTALS			**$ 66,453,285**	**$ 900,000**	**$ 20,418,043**	**$ 24,019,960**	**$ 21,115,282**



ABBREVIATIONS

ARFF	AIRCRAFT RESCUE AND FIRE FIGHTING
ATCT	AIRPORT TRAFFIC CONTROL TOWER
CBO	CONSTRUCTED BY OTHERS

LEGEND

- FUTURE APRON IMPROVEMENTS
- FUTURE TAXIWAY IMPROVEMENTS
- FUTURE RUNWAY IMPROVEMENTS
- FUTURE BUILDING
- FUTURE STORMWATER IMPROVEMENTS
- FUTURE ACCESS IMPROVEMENTS
- PAVEMENT TO BE REMOVED

PROJECTS

IT–1	EXPAND GENERAL AVIATION TERMINAL APRON PHASE 1 (20,300 SY)
IT–2	EXPAND COMMERCIAL AIRLINE TERMINAL APRON PHASE 2 (24,000 SY)
IT–3	EXPAND GENERAL AVIATION TERMINAL APRON PHASE 2 (29,200 SY)
IT–4	CONSTRUCT NEW GENERAL AVIATION TERMINAL (±26,000 SF)
IT–5	CONSTRUCT EAST QUAD CLEARSPAN HANGARS PHASE 2 (TWO AT 20,000 SF AND ONE 4,000 SF LEAN–TO)
IT–6	REHABILITATE PRIMARY RUNWAY 5–23 (6,600' X 150') AND INSTALL LED MIRLS – DESIGN/BUILD
IT–7	NEW GENERAL AVIATION TERMINAL LANDSIDE IMPROVEMENTS (±264 PARKING SPACES)
IT–10	NEW ATCT – (TWO POTENTIAL LOCATIONS SHOWN)
IT–12	REHABILITATE TAXIWAY C (TO INCLUDE IMPROVEMENTS AND LED MITLS)
IT–15	CONSTRUCT WEST QUAD ACCESS ROAD (1,700' X 30' WITH UTILITIES)
IT–16	CONSTRUCT CRENELATED WET DITCH (SOUTH QUAD) – DESIGN/BUILD
IT–19	REHABILITATE CROSSWIND RUNWAY 14–32 (5,001' X 100') AND INSTALL LED MIRLS – DESIGN/BUILD
CBO–6	CLEARSPAN HANGARS (THREE AT 25,000 SF)

PROJECTS NOT SHOWN

- NEW ATCT SITING ANALYSIS AND ENVIRONMENTAL ASSESSMENT
- ENVIRONMENTAL ASSESSMENT OF NEAR–TERM IMPROVEMENTS
- MASTER DRAINAGE PLAN UPDATE

NOTE: THE ORDER OR PROJECTS DOES NOT HAVE ANY RELATION TO THE PRIORITY OR PROGRAMMING OF EACH PROJECT.

Dec 03, 2019 – 3:57pm
C:\Users\ddicarlo\Documents\APF\05 Graphics–GIS–Modeling\Drawings\Figures\APF MP Figure 8–2.dwg

Source: ESA, 2019.

FIGURE 8-2

INTERMEDIATE-TERM (2025-2029) CAPITAL IMPROVEMENT PROJECTS

Long-Term Capital Improvement Program
APF Airport Master Plan

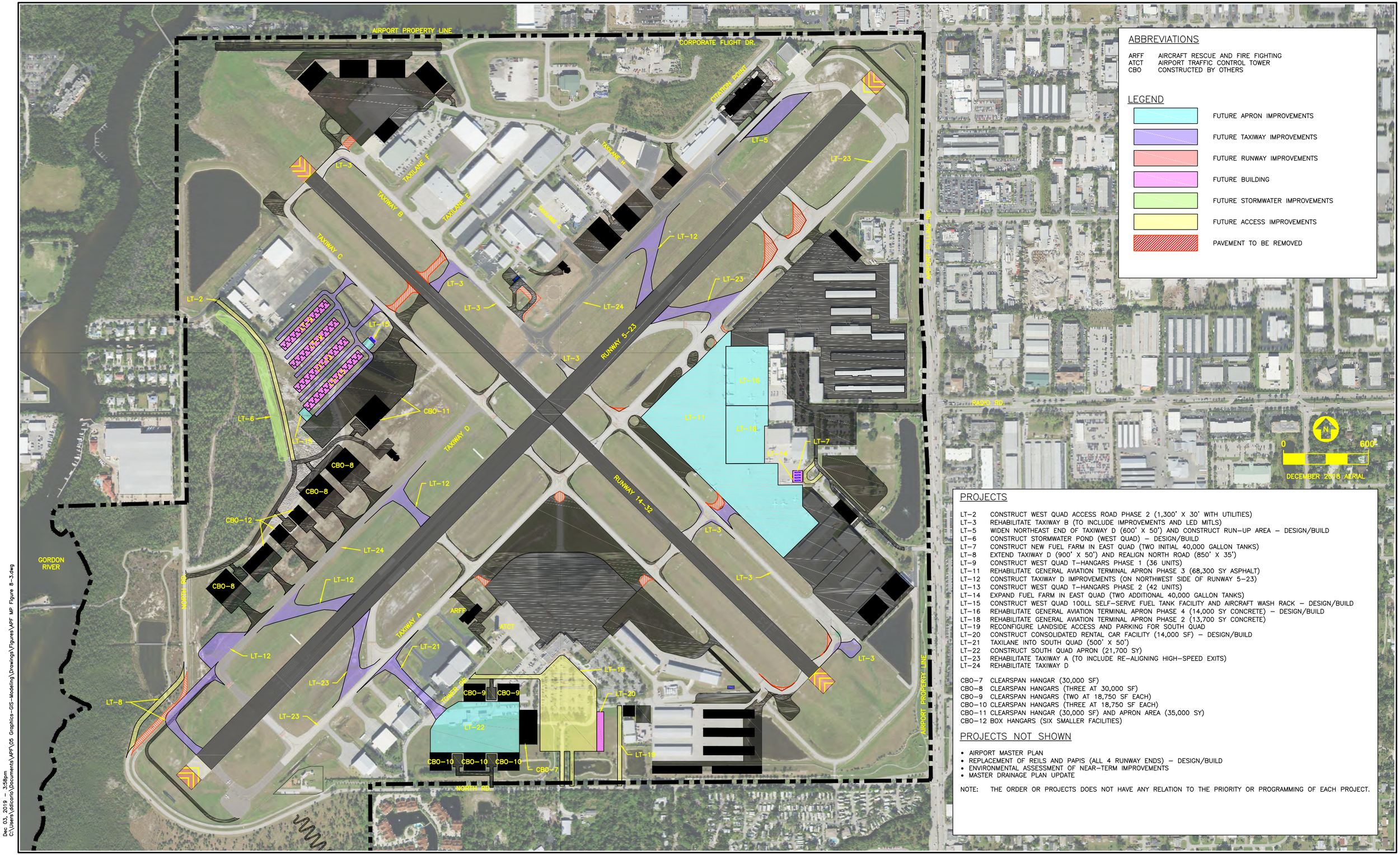
12/5/2019

Construction Inflation: 1.03

100% NAA = Non Participatory

JACIP	Year	Priority	Figure	Project	Cost Estimate (2019 $)	N	Project Total (with inflation)	FAA Entitlement	FAA Discretionary	FDOT	NAA
	2030		LT-2	West Quad Access Road Phase 2 (1,300' x 30' with utilities) - Design	$ 62,600	11	**$ 86,653**	$ -	$ -	$ 43,327	$ 43,327
	2030		Not shown on Figure	Airport Master Plan	$ 1,000,000	11	**$ 1,384,234**	$ 150,000	$ 1,095,810	$ 69,212	$ 69,212
					TOTALS		**$ 1,470,887**	**$ 150,000**	**$ 1,095,810**	**$ 112,538**	**$ 112,538**
	2031		Not shown on Figure	Replacement of REILs and PAPIs (all 4 runway ends) - Design/Build	$ 237,000	12	**$ 337,905**	$ 150,000	$ 154,115	$ 16,895	$ 16,895
	2031		LT-18	Rehabilitate General Aviation Terminal Apron Phase 2 (13,700 SY concrete) - Design	$ 161,100	12	**$ 229,690**	$ -	$ -	$ -	$ 229,690
	2031		LT-2	Construct West Quad Access Road Phase 2 (1,300' x 30' with utilities)	$ 299,600	12	**$ 427,158**	$ -	$ -	$ 213,579	$ 213,579
					TOTALS		**$ 994,753**	**$ 150,000**	**$ 154,115**	**$ 230,474**	**$ 460,164**
	2032		LT-18	Rehabilitate General Aviation Terminal Apron Phase 2 (13,700 SY concrete)	$ 2,461,000	13	**$ 3,614,061**	$ -	$ -	$ -	$ 3,614,061
	2032		LT-3	Rehabilitate Taxiway B (to include improvements and LED MITLs) - Design	$ 158,800	13	**$ 233,203**	$ 150,000	$ 59,883	$ 11,660	$ 11,660
	2032		LT-6	Construct Stormwater Pond (West Quad) - Design/Build	$ 893,000	13	**$ 1,311,401**	$ -	$ -	$ 655,700	$ 655,700
					TOTALS		**$ 5,158,665**	**$ 150,000**	**$ 59,883**	**$ 667,360**	**$ 4,281,422**
	2033		LT-3	Rehabilitate Taxiway B (to include improvements and LED MITLs)	$ 2,643,400	14	**$ 3,998,380**	$ 150,000	$ 3,448,542	$ 199,919	$ 199,919
	2033		LT-5	Widen Northeast End of Taxiway D (600' x 50') and Construct Run-up Area - Design/Build	$ 699,000	14	**$ 1,057,300**	$ -	$ 951,570	$ 52,865	$ 52,865
	2033		LT-7	New Fuel Farm in East Quad (two 40,000 gallon tanks) - Design	$ 160,000	14	**$ 242,014**	$ -	$ -	$ 121,007	$ 121,007
	2033		Not shown on Figure	Environmental Assessment of Near-Term Improvements	$ 350,000	14	**$ 529,406**	$ -	$ 476,466	$ 26,470	$ 26,470
					TOTALS		**$ 5,827,101**	**$ 150,000**	**$ 4,876,578**	**$ 400,261**	**$ 400,261**
	2034		LT-9	West Quad T-hangars Phase 1 (36 units) - Design	$ 242,240	15	**$ 377,402**	$ -	$ -	$ 188,701	$ 188,701
	2034		LT-7	Construct New Fuel Farm in East Quad (two initial 40,000 gallon tanks)	$ 2,295,400	15	**$ 3,576,158**	$ -	$ -	$ 1,788,079	$ 1,788,079
	2034		LT-8	Extend Taxiway D (900' x 50') and Realign North Road (850' x 35') - Design	$ 172,500	15	**$ 268,749**	$ 150,000	$ 91,874	$ 13,437	$ 13,437
	2034		LT-19	Reconfigure Landside Access and Parking for South Quad - Design	$ 153,200	15	**$ 238,681**	$ -	$ -	$ 119,340	$ 119,340
					TOTALS		**$ 4,460,990**	**$ 150,000**	**$ 91,874**	**$ 2,109,558**	**$ 2,109,558**
	2035		LT-9	Construct West Quad T-hangars Phase 1 (36 units)	$ 4,733,840	16	**$ 7,596,424**	$ -	$ -	$ 3,798,212	$ 3,798,212
	2035		LT-8	Extend Taxiway D (900' x 50') and Realign North Road (850' x 35')	$ 1,474,900	16	**$ 2,366,782**	$ 150,000	$ 1,980,103	$ 118,339	$ 118,339
	2035		LT-19	Reconfigure Landside Access and Parking for South Quad	$ 1,851,300	16	**$ 2,970,793**	$ -	$ -	$ 1,485,397	$ 1,485,397
	2035		LT-11	Rehabilitate General Aviation Terminal Apron Phase 3 (68,300 SY asphalt) - Design	$ 148,000	16	**$ 237,497**	$ -	$ -	$ -	$ 237,497
	2035		LT-12	Taxiway D Improvements (on northwest side of Runway 5-23) - Design	$ 164,300	16	**$ 263,653**	$ -	$ 237,288	$ 13,183	$ 13,183
	2035		LT-20	Construct Consolidated Rental Car Facility (14,000 SF) - Design/Build	$ 6,776,000	16	**$ 10,873,491**	$ -	$ -	$ -	$ 10,873,491
	2035		LT-21	Taxilane into South Quad (500' x 50') - Design	$ 64,800	16	**$ 103,985**	$ -	$ 93,586	$ 5,199	$ 5,199
					TOTALS		**$ 24,412,624**	**$ 150,000**	**$ 2,310,978**	**$ 5,420,329**	**$ 16,531,317**
	2036		LT-11	Rehabilitate General Aviation Terminal Apron Phase 3 (68,300 SY asphalt)	$ 2,436,500	17	**$ 4,027,163**	$ -	$ -	$ -	$ 4,027,163
	2036		LT-12	Construct Taxiway D Improvements (on northwest side of Runway 5-23)	$ 2,419,400	17	**$ 3,998,900**	$ 150,000	$ 3,449,010	$ 199,945	$ 199,945
	2036		LT-21	Construct Taxilane into South Quad (500' x 50')	$ 650,900	17	**$ 1,075,839**	$ -	$ 968,255	$ 53,792	$ 53,792
	2036		LT-22	South Quad Apron (21,700 SY) - Design	$ 148,300	17	**$ 245,117**	$ -	$ -	$ 122,559	$ 122,559
	2036		LT-23	Rehabilitate Taxiway A (to include re-aligning high-speed exits) - Design	$ 192,900	17	**$ 318,834**	$ -	$ 286,951	$ 15,942	$ 15,942
	2036		Not shown on Figure	Master Drainage Plan Update	$ 370,000	17	**$ 611,554**	$ -	$ -	$ -	$ 611,554
					TOTALS		**$ 10,277,407**	**$ 150,000**	**$ 4,704,215**	**$ 392,237**	**$ 5,030,954**
	2037		LT-13	West Quad T-hangars Phase 2 (42 units) - Design	$ 286,140	18	**$ 487,134**	$ -	$ -	$ 243,567	$ 243,567
	2037		LT-22	Construct South Quad Apron (21,700 SY)	$ 2,673,000	18	**$ 4,550,604**	$ -	$ -	$ 2,275,302	$ 2,275,302
	2037		LT-23	Rehabilitate Taxiway A (to include re-aligning high-speed exits)	$ 3,477,000	18	**$ 5,919,360**	$ 150,000	$ 5,177,424	$ 295,968	$ 295,968
					TOTALS		**$ 10,957,098**	**$ 150,000**	**$ 5,177,424**	**$ 2,814,837**	**$ 2,814,837**

JACIP	Year	Priority	Figure	Project	Cost Estimate (2019 $)	N	Project Total (with inflation)	FAA Entitlement	FAA Discretionary	FDOT	NAA
	2038		LT-13	Construct West Quad T-hangars Phase 2 (42 units)	$ 5,144,000	19	**$ 9,020,035**	$ -	$ -	$ 4,510,018	$ 4,510,018
					TOTALS		**$ 9,020,035**	**$ -**	**$ -**	**$ 4,510,018**	**$ 4,510,018**
	2039		LT-15	Construct West Quad 100LL Self-Serve Fuel Tank Facility (12,000 gallon tank) and Aircraft Wash Rack - Design Build	$ 788,000	20	**$ 1,423,216**	$ -	$ -	$ 711,608	$ 711,608
	2039		LT-14	Expand Fuel Farm in East Quad (two additional 40,000 gallon tanks)	$ 1,472,000	20	**$ 2,658,596**	$ -	$ -	$ 1,329,298	$ 1,329,298
	2039		LT-16	Rehabilitate General Aviation Terminal Apron Phase 4 (14,000 SY concrete) - Design/Build	$ 1,656,000	20	**$ 2,990,920**	$ -	$ -	$ 1,495,460	$ 1,495,460
	2039		LT-24	Rehabilitate Taxiway D (6,850' x50') - Design/Build	$ 1,826,000	20	**$ 3,297,959**	$ 300,000	$ 2,668,163	$ 164,898	$ 164,898
					TOTALS		**$ 10,370,691**	**$ 300,000**	**$ 2,668,163**	**$ 3,701,264**	**$ 3,701,264**
				LONG-TERM CIP TOTALS			**$ 82,950,250**	**$ 1,500,000**	**$ 21,139,040**	**$ 20,358,877**	**$ 39,952,333**



ABBREVIATIONS

ARFF	AIRCRAFT RESCUE AND FIRE FIGHTING
ATCT	AIRPORT TRAFFIC CONTROL TOWER
CBO	CONSTRUCTED BY OTHERS

LEGEND

- FUTURE APRON IMPROVEMENTS
- FUTURE TAXIWAY IMPROVEMENTS
- FUTURE RUNWAY IMPROVEMENTS
- FUTURE BUILDING
- FUTURE STORMWATER IMPROVEMENTS
- FUTURE ACCESS IMPROVEMENTS
- PAVEMENT TO BE REMOVED

PROJECTS

LT-2	CONSTRUCT WEST QUAD ACCESS ROAD PHASE 2 (1,300' X 30' WITH UTILITIES)
LT-3	REHABILITATE TAXIWAY B (TO INCLUDE IMPROVEMENTS AND LED MITLS)
LT-5	WIDEN NORTHEAST END OF TAXIWAY D (600' X 50') AND CONSTRUCT RUN-UP AREA – DESIGN/BUILD
LT-6	CONSTRUCT STORMWATER POND (WEST QUAD) – DESIGN/BUILD
LT-7	CONSTRUCT NEW FUEL FARM IN EAST QUAD (TWO INITIAL 40,000 GALLON TANKS)
LT-8	EXTEND TAXIWAY D (900' X 50') AND REALIGN NORTH ROAD (850' X 35')
LT-9	CONSTRUCT WEST QUAD T-HANGARS PHASE 1 (36 UNITS)
LT-11	REHABILITATE GENERAL AVIATION TERMINAL APRON PHASE 3 (68,300 SY ASPHALT)
LT-12	CONSTRUCT TAXIWAY D IMPROVEMENTS (ON NORTHWEST SIDE OF RUNWAY 5-23)
LT-13	CONSTRUCT WEST QUAD T-HANGARS PHASE 2 (42 UNITS)
LT-14	EXPAND FUEL FARM IN EAST QUAD (TWO ADDITIONAL 40,000 GALLON TANKS)
LT-15	CONSTRUCT WEST QUAD 100LL SELF-SERVE FUEL TANK FACILITY AND AIRCRAFT WASH RACK – DESIGN/BUILD
LT-16	REHABILITATE GENERAL AVIATION TERMINAL APRON PHASE 4 (14,000 SY CONCRETE) – DESIGN/BUILD
LT-18	REHABILITATE GENERAL AVIATION TERMINAL APRON PHASE 2 (13,700 SY CONCRETE)
LT-19	RECONFIGURE LANDSIDE ACCESS AND PARKING FOR SOUTH QUAD
LT-20	CONSTRUCT CONSOLIDATED RENTAL CAR FACILITY (14,000 SF) – DESIGN/BUILD
LT-21	TAXILANE INTO SOUTH QUAD (500' X 50')
LT-22	CONSTRUCT SOUTH QUAD APRON (21,700 SY)
LT-23	REHABILITATE TAXIWAY A (TO INCLUDE RE-ALIGNING HIGH-SPEED EXITS)
LT-24	REHABILITATE TAXIWAY D
CBO-7	CLEARSPAN HANGAR (30,000 SF)
CBO-8	CLEARSPAN HANGARS (THREE AT 30,000 SF)
CBO-9	CLEARSPAN HANGARS (TWO AT 18,750 SF EACH)
CBO-10	CLEARSPAN HANGARS (THREE AT 18,750 SF EACH)
CBO-11	CLEARSPAN HANGAR (30,000 SF) AND APRON AREA (35,000 SY)
CBO-12	BOX HANGARS (SIX SMALLER FACILITIES)

PROJECTS NOT SHOWN

- AIRPORT MASTER PLAN
- REPLACEMENT OF REILS AND PAPIS (ALL 4 RUNWAY ENDS) – DESIGN/BUILD
- ENVIRONMENTAL ASSESSMENT OF NEAR-TERM IMPROVEMENTS
- MASTER DRAINAGE PLAN UPDATE

NOTE: THE ORDER OR PROJECTS DOES NOT HAVE ANY RELATION TO THE PRIORITY OR PROGRAMMING OF EACH PROJECT.

Dec 03, 2019 - 3:58pm
C:\Users\ddicarlo\Documents\APF\05 Graphics-GIS-Modeling\Drawings\Figures\APF MP Figure 8-3.dwg

Source: ESA, 2019.

FIGURE 8-3

LONG-TERM (2030-2039) CAPITAL IMPROVEMENT PROJECTS

Capital Improvement Program Totals
APF Airport Master Plan

12/5/2019

		Project Total (with inflation)	FAA Entitlement	FAA Discretionary	FDOT	NAA	Private	Avg. per Year
Short-Term		$ 57,005,276	$ 850,000	$ 7,002,121	$ 15,427,940	$ 33,725,216		$ 11,401,055
Intermediate-Term		$ 66,453,285	$ 900,000	$ 20,418,043	$ 24,019,960	$ 21,115,282		$ 13,290,657
Long-Term		$ 82,950,250	$ 1,500,000	$ 21,139,040	$ 20,358,877	$ 39,952,333		$ 8,295,025
	Total CIP	**$ 206,408,812**	**$ 3,250,000**	**$ 48,559,204**	**$ 59,806,777**	**$ 94,792,831**		
Rounded to Millions								
Short-Term		$ 57.0	$ 0.9	$ 7.0	$ 15.4	$ 33.7		
Intermediate-Term		$ 66.5	$ 0.9	$ 20.4	$ 24.0	$ 21.1		
Long-Term		$ 83.0	$ 1.5	$ 21.1	$ 20.4	$ 40.0		
	Total CIP	$ 206.4	$ 3.3	$ 48.6	$ 59.8	$ 94.8		
CBO		$ 126,139,714	$ -	$ -	$ -	$ -	$ 126,139,714	
	Total CIP with CBO	$ 332,548,525	$ 3,250,000	$ 48,559,204	$ 59,806,777	$ 94,792,831	$ 126,139,714	