

Defense Infrastructure Projects Priority List ~ FY 07-08

BREVARD COUNTY FLORIDA				
Priority	Military Installation	Project Title	Project Description	Cost
1	PATRICK AFB	FLIGHT TERMINATION SYSTEMS (FTS) FOR COMMERCIAL LAUNCH OPERATORS	Enhance and sustain current initiatives being pursued by the state to determine feasibility of Government Furnished Equipment (GFE) FTS and, if feasible, support development of commercially cost effective FTS designs to include: classical off-the-shelf designs; autonomous flight safety systems; space-based flight safety systems; mobile systems.	\$1,000,000
2	PATRICK AFB	LAND PURCHASE FOR SCRUB JAY HABITAT	Purchase land (100 acres at \$10,000/acre) to provide future Florida scrub Jay habitat as mitigation for CCAFS land clearing/construction which may be required for new launch programs. Normal mitigation required by the US Fish and Wildlife Service for this threatened species is a ratio of 4:1.	\$1,000,000
3	PATRICK AFB	RELOCATE TRAFFIC SIGNAL, BLOCKHOUSE	Install mast arm traffic signals for the Patrick AFB Blockhouse (Officers Club Annex) on State Road A1A. To be located at a dangerous pedestrian crossing. Mast arms have been recommended by the Florida Department of Transportation (FDOT) and the Brevard County Traffic Authority (BCTA) for coastal areas to reduce damage costs and out-of-service time associated with wire hanging traffic signals and severe weather impacts. Mast arms reduce wind vibration of the traffic signals and provide more stability for better visibility of the traffic lighting. The mast arms allow for the use of optically programmed signal heads with louvers. These reduce the amount of lighting visible on the beach, which will reduce disorientations of threatened and endangered sea turtles. Disorientations have been reported to be caused by glowing traffic signal lighting visible on Patrick AFB beaches over the past five years.	\$250,000
4	PATRICK AFB	LAUNCH COMPLEX 14 OPERATIONAL REFURBISHMENT	Complex 14 launch stand refurbishment to include demolition of unnecessary pad hardware and shoring/refurbishment of the launch stand and flame trench for commercial customer launch operations. Perform mitigation for alteration of this National Historic Landmark asset.	\$1,500,000
			Total	\$3,750,000
Orange County				
1	Team Orlando (NAVAIR Orlando, PEO STRI, AFAMS, PMTRASYS, UCF)	Force Protection Infrastructure Improvements	This project will provide for improvements to Force Protection (i.e., physical security) in the Central Florida Research Park (Orange County Research & Development Authority), which is home to the "Team Orlando" military activities. A recent Force Protection Study included recommendations for physical security improvements. These include security surveillance devices and cameras at strategic locations. The estimated cost of such improvements overall is substantial. These funds would assist in covering partial costs.	\$150,000
			Total	\$150,000.00
Highlands County				



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1	Avon Park Air Force Range	Joint Land Use Study	At present Highlands County has no additional or special land use controls, including zoning, Land Development Regulation, and Comprehensive Plan Policies, relating to uses surrounding the APAFR. Incompatible land use situations are normally addressed through the zoning, special exception, and zoning variance procedures, as well as the implementation of site plan review and the Land Development Regulations. Neither of these actions has any unique regulations relating to military installations. The absence of these controls give rise to the need for a Joint Land Use Study to determine compatible land uses and appropriate mechanisms to deter incompatible use.	\$220,000
2	Avon Park Air Force Range	Constructing a recordable 24/7 security surveillance system	Constructing a recordable 24/7 security surveillance system to monitor key routes, entry points, and critical facilities would help improve the safety and security of the public that utilize the range. It would also reduce mission delays and/or cancellations if we are unable to surveil an area and be certain it is all clear. We also envision partnering with the State of Florida's Correctional Institution located on the range. These two government agencies would share the benefits gained by this security system, thereby increasing total effects and utilization of this one system purchase. A centralized system that could be monitored by both Air Force and Department of Corrections (DOC) personnel would be the most practical. Having this system installed provides a safer environment for the four surrounding counties that utilize the property recreationally as well as greater security for those surrounding counties.	\$485,000
3	Avon Park Air Force Range	Construct Asphalt Parking Lot	Project would construct an asphalt paved parking lot on Highlands County property that is adjacent to Avon Park Air Force Range property. The property is used to house a youth correctional facility operated by contract with the DJJ. Parking lot to include grading and site prep, surface water control system, curbing, lined parking spaces, parking lot lighting, entrance and exit culverts, and water retention ponds as needed.	\$585,000
Total				\$1,290,000
Hillsborough/ PolkCounty				
1	MacDill AFB, Tampa	Upgrade Area Lighting at Dale-Mabry Gate	Improve lighting in the area of the MacDill AFB main gate at Dale-Mabry Blvd. Lighting should meet the criteria from para 6-14, Unified Facilities Criteria 4-022-01, Security Engineering: Access Control Points. Current lighting does not meet this standard.	\$50,000
2	MacDill AFB, Tampa	Upgrade Area Lighting at MacDill Gate	Improve lighting in the area of the MacDill AFB gate at MacDill Ave entrance. Lighting should meet the criteria from para 6-14, Unified Facilities Criteria 4-022-01, Security Engineering: Access Control Points. Current lighting does not meet this standard.	\$25,000
3	MacDill AFB, Tampa	Upgrade Area Lighting at Bayshore Gate	Improve lighting in the area of the MacDill AFB gate at Bayshore Blvd entrance. Lighting should meet the criteria from para 6-14, Unified Facilities Criteria 4-022-01, Security Engineering: Access Control Points. Current lighting does not meet this standard.	\$20,000

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4	MacDill AFB, Tampa	Pave Turn Around Area at MacDill Gate.	Currently, vehicles not allowed access to MacDill AFB at the MacDill Ave gate, must turn around on a gravel area. An all weather surface is required to facilitate vehicles leaving the area. This project will reconfigure traffic lanes and provide an asphalt paved surface.	\$350,000
5	MacDill AFB, Tampa	Pave Turn Around Area at Bayshore Gate.	Currently, vehicles not allowed access to MacDill AFB at the Bayshore Blvd gate, must turn around on a gravel area. An all weather surface is required to facilitate vehicles leaving the area. This project will reconfigure traffic lanes and provide an asphalt paved surface.	\$350,000
6	MacDill AFB, Tampa	Upgrade Speed Tables at Bayshore Gate	Speed tables are required to control the speed of vehicles entering MacDill AFB. Vehicles traveling too fast could crash the gate, endangering gate guards, other vehicles and possibly unauthorized access to the base.	\$40,000
7	MacDill AFB, Tampa	Upgrade Speed Tables at Bayshore Gate	Speed tables are required to control the speed of vehicles entering MacDill AFB. Vehicles traveling too fast could crash the gate, endangering gate guards, other vehicles and possibly unauthorized access to the base.	\$40,000
			Total	\$875,000
Clay County				
1	Camp Blanding Joint Training Center	Power Distribution System Upgrade	Camp Blanding's power distribution system has not been upgraded since the late 40's. The intent of this project is to perform an upgrade of the primary voltage power distribution system located on the Installation. This project will entail replacement of power poles and hardware replacement as specified with no conductor replacement along a specified electrical feed. This project will significantly increase the military value of Camp Blanding by optimizing existing infrastructure in order to better support Homeland Defense, contingency, mobilization, future total force requirements of all military services, and State missions in response to emergencies. This power distribution system upgrade is essential to support the significant increase in the use of Camp Blanding for mission and training related requirements of military and civilian organizations in support of the Global War on Terrorism, Homeland Defense, and Military Support to Community Activities.	\$275,000
			Total	\$275,000.00
Duval County/City of Jacksonville				
1	NAS JAX, FL	Construction of Reuse Pipeline, Phase 1	In Phase 1 the project will install a wastewater reuse system from the wastewater treatment plant (WWTP) to the vicinity of Wild Ave., with eventual extension to the Casa Linda Lake Golf Course, various athletic fields, and other green areas under Phase 2 in order to eliminate point source discharges to the St Johns River for the State's Total Maximum Daily Load (TMDL) initiative. Zero discharge from our WWTP is our goal.	\$250,000
2	NAS JAX, FL	Construction of Regional Stormwater Treatment Basins	Two new regional wet detention ponds with a permanent pool of water designed to slowly release collected stormwater runoff through an outlet structure and treat and attenuate stormwater discharges from future development from two different drainage basins: Basin 17, Casa Linda Lake expansion (pond # 52); and, Basin 19, expansion of existing stormwater pond # 50. These regional basins will eliminate non-point source discharges to the St. Johns River.	\$250,000

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3	Naval Station Mayport	SR A1A/Gate 5 Turn Lanes	Construct an extended turn lane along the NE side of SR A1A southwest from NS Mayport Gate 5 and create a left turn lane at the gate for southbound A1A traffic.	\$422,000
4	NAS JAX, FL	Design of Green Space Parking Lots	Design green space parking lots to replace existing asphaltic concrete parking areas with new pervious paving products (concrete pavers, recycled plastic pavers) and vegetated islands that allow water to pass through in order to obtain the U.S. Green Building Council's LEED "sustainable site" credit. Coupled with underground storage where practicable the new pervious paving lots will reduce heat islands, improve parking efficiency, and improve stormwater management. These green space parking lots will eliminate non-point source discharges to the St. Johns River.	\$200,000
5	NAS JAX, FL	Traffic Study	Provide a base-wide and front entrance (at three gates) traffic study to include projected future loads for the next five years. The study will encompass studies for traffic and pedestrian signal warrants, pedestrian group size, vehicle gap, condition, collision, vehicle spot speed, travel time and delay, vehicle movement, conflict, time-lapse photography, traffic signal, lighting justification and operational status, and intersection delay studies.	\$200,000
6	Naval Station Mayport	Wonderwood Road Industrial Park	Project would rezone the property directly south of Wonderwood Road from Mayport Road to A1A and create an industrial park to accommodate shipyard contractors currently occupying leased property on the Naval Station and others providing support to the Station.	\$7,500,000
7	Naval Station Mayport	Wastewater Reuse Project	Project would make improvements to the City of Atlantic Beach, Buccaneer Wastewater Treatment Plant (WWTP) and tie the wastewater discharge from the WWTP to the Naval Station. Wastewater would be used for irrigation of the golf course and other large developed areas. Water reuse effort is supported by the St. Johns River Water Management District. (SJRWMD)	\$2,040,000
8	Naval Station Mayport	Jacksonville Sheriff's Office Substation	Construct a facility for a JSO Substation in Zone 2, Section F3 adjacent to and supporting the Navy's Navy Exchange/Commissary Complex and Off-Station Navy Family Housing.	\$500,000
			Total	\$11,362,000
Miami Dade				

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1	Homestead AFB	Building demolition and Clearing	<p>GSA has a three (3) year plan to demolish 29 buildings on county-owned land that cannot be saved for re-use. In some cases these structures are deemed unsafe structures and should be demolished as soon as possible. A summary of this plan is as follows: Phase 1 – 2006 -2007 Budget Year = \$1,420,468 for demolition and land clearing. At the present time, \$570,000 from the Federal Government is funded and in the GSA budget. The funds have no time limit and can carry over to the next year. Another \$600,000 is available from the Insurance Trust Fund and is budgeted for this project. The shortage is unfunded at present: Phase 2 – 2007-2008 Budget Year = \$1,343,227 for demolition and land clearing. Phase 3 – 2008-2009 Budget Year = \$1,162,036 for demolition and land clearing The total project is approximately \$4 million. At this time only \$1,200,000 is available. Another \$2,800,000 will have to be obtained in order to finish the project.</p>	\$300,000.00
2	Homestead AFB	Pump Station # 545 Phase#2	<p>This pump station is located immediately east of the Reserve Base fence line north of the Coast Guard parcel and only serves the Homestead Air Reserve Base. This project received \$520,000 in funding from the FY 06-07 Defense Infrastructure Grant program, however, due to increases in construction costs, the total cost of the project including design and permitting is \$650,000. Therefore, we are seeking additional funding in the amount of \$130,000 to complete the funding for the project.</p>	\$130,000.00
3	Homestead AFB	Road and water and Sewer infrastructure improvements	<p>Based on preliminary estimates of the conditions of the infrastructure at the County owned land surrounding the Base (400 acres) and broad general comparisons to recently completed infrastructure projects in the County the following is a rough estimate of potential costs of future infrastructure needs at HARB land:</p> <ul style="list-style-type: none"> • Approximately 15,000 linear feet of new sewer lines within the 400 acres = \$2,500,000 to \$3,000,000 for design and construction • Approximately 15,000 linear feet of new water lines within the 400 acres = \$2,500,000 to \$3,000,000 for design and construction. • Estimated for new roadways can vary widely. It is anticipated that many of the roads will have to be reconstructed and all will have to be milled and resurfaced. New curbs and gutters could be required or desired, depending on the use. Sidewalks could be considered depending on the uses planned. Storm drainage will definitely be a part of all road reconstruction and street lighting for security and safety of new tenants and users will be necessary. Based on recent Public Works projects within the County, design and construction of all or some of the ab 	\$12,000,000-20M

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	4 Homestead AFB	BX Mart Improvements	<p>The Homestead / AAFES BX Mart is not part of Homestead ARB's cantonment area nor Air Force Reserve Command property, leaving it isolated from most normal military and AAFES funding avenues for infrastructure improvements. AAFES presently provides for operations and maintenance repairs, but due to economic realities has been unable to expend funds for light infrastructure improvements outside the building. Clearing overgrown vegetation from canals adjacent to BX Mart on 288th St and Burr Rd, adding thirty Force Protection Barricades/Bollards at the store front, and repairing landscaping damaged by hurricane Katrina would greatly add to the facility's appearance, storm water management, and safety for military users. This is our first and foremost priority.</p>	\$145,000.00
	5 Homestead AFB	USCG Entry Gate Signage/Landscaping	<p>Homestead ARB has recently opened the HARB perimeter fence at Tuskegee Blvd to allow the USCG MSST unit to access their installation through the base, vice through Dade County reuse land. This provides a quality of life and significant security increase (due to reduce HARB emergency and security response times) for the USCG unit. The USCG MSST unit has done an admirable job clearing the overgrown vegetation from their property, but this has left the area in a somewhat undeveloped state, with the entry area being particularly spartan. Funding for an attractive sign, marquee, and some landscaping at/around the entry point would provide a seamless transition between HARB and the USCG property, adding to both organizations appearance.</p>	\$60,000.00
	1 SouthCom	Infrastructure support for SouthCom headquarters	<p>Congress is currently deliberating over a \$237,000 military construction request to develop a new Southcom Headquarters points to be located on State-owned property adjacent to the current headquarters in Doral. Miami-Dade County is seeking grant funding to support the infrastructure needs of the facility that will be located on public property outside of State-owned property. At this point in the development process, it has been determined that a new road (NW 33 Street) will need to be built and water and sewer lines will need to be extended off-site to connect the building to the Water and Sewer system. The estimates for these improvements are as follows:</p> <p>Water Extension and Connection Fees: \$1,000,000 Sewer Extension and Connection Fees : \$1,000,000 Roadway-NW 33 Street: \$2,000,000</p> <p>The County has received approval to hold previously allocated FDI Infrastructure funds (\$230,000) for the development of this project. We are currently defining the scope of work for these funds. Furthermore, it is the County's intention to leverage these funds with other funds that may be available through other State a</p>	\$100,000.00
			Total	\$735,000.00
Santa Rosa County				



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1	NAS Whiting Field	Land Use Plan Acquisition Funding	Implement the continuation of acquisition of properties and or their development rights recommended by the previously FDA funded Land Use Plan adjacent to NAS Whiting Field (NASWF) and the Navy Outlying Landing Fields (NOLF's). Acquisition is one of the strategies designated by Santa Rosa County to avoid incompatible development, prevent encroachment on the military mission and allow for future use as deemed appropriate. Estimated cost: \$5 million to be funded at \$1 million per year over the next five years.	\$5,000,000.00
2	NAS Whiting Field	Aviation/Commerce Park	Santa Rosa County Commission has purchased 269 acres adjacent to NASWF South Field as part of the Joint Land Use Study (JLUS) initiative to prevent further residential encroachment. This property is currently being developed as Whiting Aviation Park. The process is underway with NASWF to enable the Park to promote limited joint use of South Field and its 6,000 foot runway by Park tenants. The County through other grants and County funds has completed the Environmental Assessment, conceptual planning and design of the entrance into the Park, and the design of the four-lane entrance from Hwy 87 to the Park. This funding request will allow the County to proceed with the construction of the Entrance.	\$800,000.00
3	NAS Whiting Field	Visibility Protection	The Smoke Management Team of the U.S. Forest Service Southern Research Station in Athens, GA have been developing a system for predicting the cumulative smoke impacts of prescribed fires in the southeastern U.S. The system will use true three dimensional plumes to represent the smoke concentration from the fires. Model will run once per hour and simulate plumes from all authorized fires for a 12 hour period. This rapid update strategy will provide users with the most current information on smoke concentrations/visibility. By working closely with DoD personnel and the Florida Division of Forestry, a real-time smoke concentration/visibility forecast system can be developed that will help the Division of Forestry and DoD maintain their prescribed burning program without adversely impacting flight operations at DoD facilities and civilian airports. The costs for developing, testing, and implementing this forecast system would be approximately \$70,000. This cost would include any software/hardware required to provide forecast products to users, overhead related to using Smoke Management and Modeling Teams Linux I	\$70,000
4	NAS Whiting Field	Wastewater Reuse	Additional monies to supplement existing funds, i.e., grants, local funds, to support implementation of a portion of the City of Milton Wastewater Reuse Plan. The Plan has been developed utilizing a previously funded Defense Grant and recommends the maximization of reuse of treated wastewater. One of the more technically feasible areas of reuse is the area on and adjacent to NAS Whiting Field. Reuse of wastewater effluent at Naval Air Station Whiting Field will reduce the use of potable water for irrigation thus lowering operating costs and lowering demand on the aquifer. The elimination of discharging the treated wastewater into the Blackwater River enhances the quality of life as well as protects the environment.	\$1,000,000.00
			Total	\$6,800,000.00
Escambia County				



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1	NAS Pensacola	Lambda Rail Connectivity	Connect fiber to National and Florida LambdaRail backbone to increase capabilities, to ensure longterm network infrastructure security and to engage NAS Pensacola Complex to the global high-speed network map. Connection to the Lambda Rail will offer opportunities to NAS Pensacola Complex for additional research partners, mission performance enhancement, long term security in high speed secure networks as well as serving specific secure networks to special NAS Pensacola Complex tenant commands and service/industry/organization partners.	\$650,000
2	NAS Pensacola	Area "A" Density Reduction	Land purchases resulting from the reduction of residential density to zero dwelling units per acre recommended by the Escambia County Joint Land Use Study and approved by the BCC to combat encroachment issues in the area between NAS Pensacola boundaries and the Air Installation compatible Use Zone (AICUZ) known as Area "A". Land acquisition is one of several methods recommended in the JLUS to combat the encroachment of residential and incompatible uses on the military mission of NASP, thereby supporting the military's right to train for war and allowing for future use as deemed appropriate.	\$1,250,000
3	NAS Pensacola	Bronson Field parasail	Remove existing WWII era pavement to plant extensive and training conducive grass area in order to support and enhance Navy parachute training and physics course at NAS Pensacola Complex.	\$50,000
4	NAS Pensacola	Starbase Atlantis	Construct a 4,500 square foot facility for use by Starbase Atlantis. Starbase Atlantis is a Naval Education Training Command (NETC) sponsored outreach program that provides educational opportunity for any elementary school student in the 4th or 5th grade. The curriculum is designed to excite students toward a career in aviation by exposing them to real-world applications of math and science. This is a critical education need identified by the Governor of the State of Florida. Starbase Atlantis offers practical application of astronomy, rocketry and the physics of flight necessary for use in aircraft and ship maintenance, flight simulation, meteorology and navigation in the air and at sea. Students will have real world experience for future career choices in the United States military and will enhance cooperation between area military and the local community.	\$875,000
5	NAS Pensacola	Marchellos Easement	Purchase easement rights along the Marchellos property at the north east end of the Lovelace Bridge. This easement will allow both NASP and commercial utility companies to work on utilities that are located on and adjacent to Lovelace Bridge.	\$80,000
Total				\$2,905,000
Bay County				
1	Naval Support Activity Panama City	Design & Build approx 1.6 miles of sidewalk on east side of Thomas Dr	This project would connect short sporadic sections of sidewalk on east side of Thomas Dr along the Naval Base. Recent upgrades to Thomas Dr completed with Hwy 98 construction added a bicycle lane and short piece of sidewalk. For pedestrian safety there is a desperate need for a sidewalk along Thomas Dr connecting to new/old residential and commercial areas, including NSA Main Gate and unprotected City Bus Stops.	\$300,000

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2	Naval Support Activity Panama City	Design for Joint Use Indoor Small Arms Range	This project would design a 12-lane, 25-yard small arms range with restrooms, classroom, weapons cleaning area, and admin spaces for 6 people at Naval Support Activity Panama City. The completed facility will allow year-round all weather firearms training. MOA with local law enforcement could lead to joint use.	\$250,000
3	Naval Support Activity Panama City	Utility Expansion Magnolia Beach Road	This project would extend the primary electrical distribution line from Magnolia Rd to the area of the Ammo Pier on the South side of the base. The project will provide adequate electrical power in an area with minimal electrical power. The increase in power will allow for future development of the area for research and facility support.	\$500,000
4	Naval Support Activity Panama City	Design Pedestrian Overpass over Thomas Drive	This project will design a pedestrian bridge to cross Thomas Drive at the main gate of NSA Panama City. The project will include minor modifications to power lines, traffic signals, security fencing and sidewalks necessary to accommodate the new pedestrian bridge.	\$500,000
5	Naval Support Activity Panama City	Construct Pedestrian Overpass over Thomas Drive	This project will construct a pedestrian bridge to cross Thomas Drive at the main gate of NSA Panama City. The project will include minor modifications to power lines, traffic signals, security fencing and sidewalk necessary to accommodate the new pedestrian bridge.	\$500,000
1	Tyndall AFB	Connect Subscale Drone Launch Area To Mexico Beach Water Main.	Connect the sub scale drone launch area to Bay Counties water system to the main that supplies water to Mexico Beach. This project will help reduce the demand from wells that are currently utilize underground water, will provide utilities revenue to Bay County, and reduce potential saltwater intrusion into local aquifers	\$275,000
2	Tyndall AFB	Install Grit Chamber, Mexico Beach - Tyndall Lift station terminus of sewage line.	The lack of grit and fines collection and separation at the terminus of the Mexico Beach leg of the Bay County sewage line at Tyndall's lift station are fouling pumps The installation of a grit collection chamber would help avoid costly repairs, prolong equipment life and help avoid potential hazardous environmental accidents.	\$350,000
3	Tyndall AFB	Connect Full-scale Drone Launch Area To Mexico Beach Water Main.	Connect the full scale drone launch area to Bay Counties water system to the main that supplies water to Mexico Beach. This project will help reduce the demand from wells that are currently utilize underground water, will provide utilities revenue to Bay County, and reduce potential saltwater intrusion into local aquifers.	\$350,000
4	Tyndall AFB	Connect Munitions Storage Area To Mexico Beach Water Main.	Connect the Munitions Storage area to Bay Counties water system to the main that supplies water to Mexico Beach. This project will help reduce the demand from wells that are currently utilize underground water, will provide utilities revenue to Bay County, and reduce potential saltwater intrusion into local aquifers.	\$1,000,000
5	Tyndall AFB	Install Perimeter Fence	Project constructs fence to prevent access to the Tyndall flight line side of the base from Us Hwy 98. Currently the 325 FW/CC's #1 AT/FP concern. Zero fencing exists on entire north, east and west sides of flight line and some areas that do exist need repair. Includes Phase 2 of cabling fence line along Hwy 98.	\$1,200,000
Total				\$5,225,000
Okaloosa County				

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1	Eglin & Hurlburt	Emerald Coast Technology Park	Build joint education facility. This effort will be separated into smaller, lower cost projects that allow incremental implementation. Cannot make decision on what size increments until DIG budget is signed into law and assessment of RFP is completed. This effort will build a joint education facility for civilian and military community. Consolidates all education activities by multiple colleges and universities currently conducted on the bases at one location off base. Costs include support infrastructure and special accreditations for access to DoD IT networks.	\$20,000,000
2	Eglin & Hurlburt	Lambda Rail Connection	Provide connectivity between the Florida Lambda Rail and Hurlburt, Eglin, and the Emerald Coast Technology Park via via the Okaloosa Fiber Backbone. This effort will be separated into smaller, lower cost projects that allow incremental implementation. Cannot make decision on what size increments until DIG budget is signed into law and assessment of RFP is completed. This will provide Okaloosa private, public, and military sectors with ability to leverage the national and Florida Lambda Rail system.	\$1,000,000
3	Eglin & Hurlburt	Okaloosa - Air Force Eastern Loop	Combine funding from Okaloosa County with AF to build an Eastern loop for the County-Defense IT backbone. This will provide access of AF to connecting instrumentation sites on the eastern Eglin range along Hwy 20 and Range road with their test & training operations facilities on Hurlburt and Eglin AFB.	\$325,000
4	Hurlburt	FTEV 07-3007 -Construct Elevated Re-Use Wastewater Storage Tank	Project constructs a 1,000,000 gallon storage tank that will provide pressurization for the distribution of the re-use wastewater effluent of the Hurlburt Field advanced wastewater treatment facility. On-Base, the water will be used for irrigation, washing air craft, fire fighter training and future use in air conditioning and in industrial areas. Off-Base, the elevated tank will be used to pressurize the re-use water line from Hurlburt Field to the Fort Walton Beach Industrial Park, that is presently under development (the first phase has been completed. The project can be completed within twenty-four months of it being funded.	\$1,500,000
5	Hurlburt	Construct Fiber Optic Traffic Control Interface	This project installs conduit and fiber optic cable throughout Hurlburt Field which will connect the base traffic lights to the Okaloosa County traffic control system on Ready Rd, Fort Walton Beach (Just to the east of the base). This would allow for the remote maintenance and control of base traffic lights, and integration with the traffic control systems in the surrounding off-base areas. Some conduit runs are already in place and may be available for this use. Eighteen to twenty-four months will be required for design and construction.	\$600,000

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6	Eglin & Hurlburt	Regional Joint Combat Arms Training and Maintenance (CATM) Range	Construct joint use range, to be used by regional law enforcement and military for readiness training, etc. Costs include environmental assessments and other licensing requirements. This effort will be separated into smaller, lower cost projects that allow incremental implementation. Cannot make decision on what size increments until DIG budget is signed into law and assessment of RFP is completed. 21 position range with pertinent facilities and baffling to allow around the clock training. Location will be strategically located to constrain encroachment on air critical air corridors into range. Private citizens will have access for recreational target shooting.	\$5,000,000
7	Eglin	Eglin Joint Gulf Range Buffering	This project conducts all the tasks associated with negotiating land transactions and capture of funding to execute the transactions to preserve up to 100,000 acres of land in a condition that protects or enhances the mission capability of Eglin AFB's range. This include land adjacent to the range and lands beneath air corridors leading to the range.	\$375,000
8	Hurlburt	Hwy 98 - Hurlburt Main Gate	This supplements \$200,000 of Federal funds to allow completion of the design-build package for an AF funded \$30M reconfiguration of entry/exit of Hurlburt traffic entry/exit from Hwy 98. Delays in FDOT release of these funds to Okaloosa county and changes in costs resulting from post hurricane economic factors rendered this project unexecutable.	\$100,000
9	Hurlburt	Ft Walton Beach - Hurlburt Water Reuse	This supplements the original grant awarded to accomplish this project to allow its completion. Delays in obtaining required permitting and AF approvals for work on Hurlburt, primarily due to BRAC, concurrent with significant escalations in costs resulting from post hurricane economic factors rendered this project unexecutable.	\$350,000
5	Eglin	Regional Joint Combat Arms training and Maintenance (RJCATM) Range Design	Design and develop build package for joint use range, to be used by regional law enforcement and military for readiness training, new military requirements associated with arrival of 7th Special Forces Group, etc. 21 position range with pertinent facilities and baffling to allow around the clock training. Location will be strategically located to constrain encroachment on air critical air corridors into range. Private citizens will have access for recreational target shooting.	\$80,000
6	Eglin	Eglin Range Expansion Phase IV (previously known as: Joint Gulf Range Capability Expansion Phase IIIA)	Finish the Phase III effort that was partially funded as a 04-05 DIG. 1) Expand online Florida-wide data warehouse capability to enable rapid state implementation of new 2004 Florida law requiring consideration of military missions in future land use element of Florida comprehensive planning requirements. 2) Continue to assist Air Force establishment of a Big Bend Range capability. 3) Complete preliminary design for an artificial island to expand gulf utilization. 4)Continue Implementation of time critical strategies to avoid encroachment threats to range boundaries.	\$620,000

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10	Eglin Hurlburt	Regional Homeland Security Communications (previously known as: NW Florida Force Protection & First Responder Interoperability)	Integrates requirements and investment (funding source) capabilities of homeland security (military) and county/community first responder entities across NW Florida into a jointly funded implementation of a fully interoperable communication environment that allows all participants to use the wide variety of radios, communications devices and networks that they use today. Output is a jointly approved implementation plan and a demonstration of the capability to validate the design solution.	\$130,000
8	Eglin	Gulf Over-the-Horizon Communications	Define requirements and demonstrate benefits of satellite communications to expand military utilization of the Gulf of Mexico beyond line of sight range of land.	\$100,000
9	Eglin	Joint Land Use Water Mgt Plan	Matching funds initiative with Department of Defense's Office of Economic Adjustment to establish tri-county approach to stormwater drainage and sheet flow problems and recommend mitigation measures for Counties, Eglin AFB, and Hurlburt Field including municipalities within the counties.	\$500,000
10	Eglin	Joint Gulf Range Test & Training Instrumentation	Upgrade the current prototype overwater test & training infrastructure to enhance the capability based upon lessons learned in 2004 offshore demonstrations. Enhance reliability and affordability to support testing of new generation of Large Footprint Weapons. The application breaks out the costs into prioritized increments of capability. Increments, in order or priority, cost \$440,000; \$450,000; \$500,000; \$800,000; and \$400,000. No gift letter approach can be done.	\$2,590,000
11	Eglin	Impact Area #1	Purchase land suitable for establishing a new impact area.	\$20,000,000
13	Eglin Hurlburt	Environmental Study - Range Artificial Island	Conduct environmental study required to clear military operations.	\$2,000,000
14	Eglin Hurlburt	NW Florida Navy-AF IT Backbone	Expands the NW Florida defense information grid to include new range capabilities in the Big Bend Area. Lays fiber cable across Andrew Bay and integrating it with defense fiber already available on each side of bay. Provide fiber connectivity with Gulf County and Big Bend range sites with line going from Panama City east across the bay. Also funds the planning required to expand the grid to provide linking all of Florida's military ranges.	\$3,900,000
15	Eglin	Eglin Frequency Spectrum Encroachment Mitigation	Migrate Eglin's 4 site trunked LMR system from wideband to narrowband frequency. Funds provided will upgrade consoles and perform facility renovations. This will allow Eglin to meet the DoD mandate to migrate to narrowband. Benefits also include improved technology and capability and interoperability with other SmartZone LMR sites.	\$1,000,000
16	Eglin Hurlburt	Florida Defense IT Backbone	Expands the NW Florida defense information grid to link in all of Florida's major ranges such as Pinecastle (Navy), Camp Blanding (National Guard, and Avon Park (Air Force).	\$5,000,000

Defense Infrastructure Projects Priority List ~ FY 07-08

17	Eglin	Hwy 85 - North Gate Traffic Light	New security requirements have resulted in shift of all commercial traffic to enter through the North Gate. This project will install a traffic light and add acceleration and left turn lanes to the intersection of the gate with the major North-South highway through the Eglin Range Complex.	\$120,000
18	Eglin	East Gate Traffic Flow Enhancement	Install new turn lanes, access roads and lighting the intersection created by movement of a major building further toward the east gate. Project will allow for a controlled intersection leaving the east gate tank and tote on Hwy 85 (Eglin Blvd).	\$200,000
19	Eglin	Hwy 85 - Camp Pinchot Deceleration/Turn Lanes	Provide a safe means of entry and exit along Fla 189 (Lewis Turner Pkwy) to senior leadership quarters and all residents of the Camp Pinchot area. Lanes required on Fla. 189 for traffic coming from both directions to eliminate hazardous situation associated with entry/exit from the Florida highway.	\$80,000
20	Eglin	33rd Wing Gate Enhancement	Rework entry and exit of 33rd Fighter Wing gate. Provide traffic light at intersection on Hwy 85, and extended turn lanes for entry/exit of traffic from this gate.	TBD
21	Eglin	Climatic Lab Mission Expansion	Conduct a study to determine the applicability of the McKinley Climatic Laboratory physical plant and related research and development infrastructure to the problem of unexploded ordnance (UXO) movement resulting from severe climatic fluctuations.	\$100,000
22	Eglin	Air Armament Museum	This project will establish a new main entrance off Hwy 189 (Beal Street Extension) for the Air Armament Museum. New entrance would alleviate congestion on Hwy 85 caused by the current entrance and provide safer access for non-military visitors and personnel from the base. Project would provide for widening and paving of existing service road that is approximately 2500 ft in length and would expand the existing parking lot to accommodate 50 additional automobiles.	TBA
23	Hurlburt	Runway 36 Approach Obstacle Elimination	Place Power, Telephone, and Cable TV lines serving communities of Mary Ester and Ft Walton Beach underground south of RW 36.	\$250,000
24	Hurlburt	Hurlburt Traffic Signals Integration into Okaloosa County Advanced Transportation Management System	Add the existing four Hurlburt field on-base traffic signals, and the three signals off-base (one at each gate of Hurlburt Field and one at Commando Village), as well as 3 planned future on-base signals, to the Okaloosa County Advanced Transportation Management System currently under design/construction.	\$100,000
25	Hurlburt	Base Power Feed Backup, Phase 1	Develop design concept for constructing a secondary power feed for providing electrical power to Hurlburt Field. This would enhance the military value of the base by providing redundant access to power and reducing base vulnerability to natural disasters and terrorist threats.	\$100,000
26	Hurlburt	Base Power Feed Backup, Phase 2	Design & construct back up power feed system for Hurlburt consistent with results of Phase 1.	\$1,500,000
			Total	\$67,620,000