

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
POS	AMOUNT	POS	AMOUNT	POS AMOUNT
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>PGM: HIGHWAY OPERATIONS</u>				55150200
GOV OPERATIONS/SUPPORT				16
<u>OPERATIONS/MAINT</u>				<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
CODE CORRECTIONS				990C000
FIXED CAPITAL OUTLAY				080000
MINOR REPAIRS/IMPROV-STATE				080002
ST TRANSPORT (PRIMARY) TF -STATE	1,839,624	1,839,624		2540 1

AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: MINOR REPAIRS/IMPROV-STATE IT COMPONENT? NO
 FUND SOURCE: 100% State

SUMMARY:

Requests \$1,839,624 of Fixed Capital Outlay (FCO) budget authority in Highway Operations to fund building and grounds projects necessary to meet federal, state, or local building code, life safety or Americans with Disabilities Act (ADA) requirements. Relevant projects include critical repairs or replacement of: Life safety fire panels/suppression systems; ADA door openers; hurricane shutters; chiller replacement; removal of contaminants in laboratory exhaust systems; emergency generators/transfer switch/components; roof replacements for water damage; security for employee safety and protection of assets; above ground tank removal; HVAC/air handler units, and other building critical repairs for units at the end of their design life or that have experienced increased failures.

This issue is presented annually to reduce the level of code deficiencies.

Refer to the CIP-5 form for additional project details.

BREAKDOWN OF COST:

Highway Operations (55150200)	Executive Direction (55150500)	Turnpike Enterprise (55180100)
Operations & Maintenance (1601010600):	Executive Leadership (1602000000):	Operations & Maintenance (1601010600):
District 1: \$260,000	District 3: \$50,000	Turnpike: \$501,220
District 2: 3,000	District 4: 40,000	
District 3: 140,160	District 5: 50,000	
District 4: 435,000	District 6: 100,000	
District 5: 300,000	District 7: 104,200	
District 7: 116,464	CO-Burns: 812,483	
St Matl: 510,000	Total: \$1,156,683	
Springhill: 75,000		
Total: \$1,839,624		

FY 2017/18 Issue Total: \$3,497,527

IMPACT ASSESSMENT / SAVINGS ACHIEVED BY ISSUE:

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
	POS AMOUNT	POS AMOUNT	POS AMOUNT	CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>PGM: HIGHWAY OPERATIONS</u>				55150200
GOV OPERATIONS/SUPPORT				16
<u>OPERATIONS/MAINT</u>				<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
CODE CORRECTIONS				990C000

The planned projects ensure facilities are compliant with ADA standards, life safety codes and other building code requirements. If not funded, FDOT will be at risk of federal, state, and/or local code violations. If left unattended, assets would be rendered unsafe, essential services or building operations may be disrupted, or a building's integrity or habitability may be compromised. This funding will resolve code violation issues and mitigate risk of cost liability.

ADVERSE IMPACT(S) IF NOT FUNDED:

Approximately 40 future private sector project contracts to address code deficiencies could be impacted. Delaying repairs could result in more costly future repairs. For example, roof replacement at the end of life cycle is more cost effective than on-going repairs. Unattended water intrusion could result in interior, structural or property damage and potential mold growth, driving up costs to remediate and increasing potential liabilities for health and safety claims.

BENEFITS TO THE STATE:

The plan is to repair the buildings and grounds to meet code requirements and ensure the integrity and value of the assets. By maintaining and maximizing the use of existing real estate, the department is able to support its mission and ensure the best use of taxpayer dollars.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES - Priority #2: Promoting Economic Development and Job Creation.

ENVIRONMENTAL PROJECTS				990E000
FIXED CAPITAL OUTLAY				080000
ENVIRON SITE RESTORATION				088763

ST TRANSPORT (PRIMARY) TF -STATE	620,000	620,000		2540 1
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AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: ENVIRON SITE RESTORATION IT COMPONENT? NO

FUND SOURCE: 100% State

SUMMARY:

Requests nonrecurring Fixed Capital Outlay (FCO) budget authority to continue the cleanup of contaminated soil and groundwater at various FDOT facilities statewide and to restore those sites to a clean and safe condition. The cleanup is

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
POS	AMOUNT	POS	AMOUNT	POS
				AMOUNT
				CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>PGM: HIGHWAY OPERATIONS</u>				55150200
GOV OPERATIONS/SUPPORT				16
<u>OPERATIONS/MAINT</u>				<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
ENVIRONMENTAL PROJECTS				990E000

needed to ensure compliance with the Federal Resource Conservation and Recovery Act. FDOT will request this issue on an annual basis until all site restoration is completed. Refer to the accompanying CIP-5 form for additional details.

Surveys conducted in 1995 were used to develop the original environmental site restoration plan, which identified anticipated assessment and remediation activities required to restore the sites to an uncontaminated, safe condition. The extent of required remediation activity is dependent on findings during the assessment of the site as well as discoveries during the actual remediation of the site. As the assessment and/or remediation activities are performed, the project approach is modified to address the extent of contamination at the site. When additional contamination is discovered, the required work to accomplish clean closure of a site will increase. In cases where contamination remediation occurs earlier than anticipated, the required work factors (e.g., length of time, funding requirements, resource requirements, etc.) may decrease. However, as time increases, contaminants typically migrate causing an increase in plume (trail) size and subsequent additional assessment and remediation costs. Additionally, the department adds sites to the environmental site restoration plan due to the consolidation of facilities or newly discovered contamination at existing facility sites, or removes sites from the plan once environmental work is completed.

BREAKDOWN OF COST:

Highway Operations (55150200)

Operations and Maintenance (1601010600):

 District 1 = \$ 75,000
 District 2 = 180,000
 District 3 = 125,000
 District 4 = 240,000
 Total = \$620,000

IMPACT ASSESSMENT / SAVINGS ACHIEVED BY ISSUE:

FDOT is legally responsible for the cleanup of contaminated soil and groundwater at various FDOT facilities statewide. These projects remediate and monitor soil contamination and groundwater. Failure to address these environmental violations could result in fines and penalties as stated in section 376.16, F.S.

ADVERSE IMPACT(S) IF NOT FUNDED:

Five future private sector contracts to support the environmental projects would be adversely impacted and the ability to address the existing environmental impacts would be delayed. Failure to address these environmental violations could result in fines and penalties as stated in section 376.16, F.S.

BENEFITS TO THE STATE:

The department is able to support its mission and ensure the best use of taxpayer dollars by fulfilling its legal responsibility to clean up contaminated soil and groundwater at our facilities. Cleanup of environmental contamination is critical to the health and safety of Floridians and reduces the impact of ground water intrusion and soil migration.

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
	POS AMOUNT	POS AMOUNT	POS AMOUNT	CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>PGM: HIGHWAY OPERATIONS</u>				55150200
GOV OPERATIONS/SUPPORT				16
<u>OPERATIONS/MAINT</u>				<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
ENVIRONMENTAL PROJECTS				990E000

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES - Priority #2: Promoting Economic Development and Job Creation.

SUPPORT FACILITIES				990F000
FIXED CAPITAL OUTLAY				080000
MINOR REPAIRS/IMPROV-STATE				080002
ST TRANSPORT (PRIMARY) TF -STATE	364,767	364,767		2540 1

AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: MINOR REPAIRS/IMPROV-STATE IT COMPONENT? NO
 FUND SOURCE: 100% State

SUMMARY:

Requests \$364,767 nonrecurring Fixed Capital Outlay (FCO) budget authority in Highway Operations to fund minor asset preservation and risk protection projects. Projects are necessary to protect the value of investments, reduce financial risk and maximize use of facility space. Projects include: Construction or installation of canopy; design, construction, and repair/modification of offices, shop/crew room areas, and restrooms to maximize use of facility space.

These projects are necessary for asset preservation and risk protection (i.e., equipment and materials) and to align facility layout and space needs to allow staff to work more efficiently. Refer to the accompanying CIP-5 form for additional project details.

BREAKDOWN OF COST:

Highway Operations (55150200)	Executive Direction (55150500)
Operations and Maintenance (1601010600):	Executive Leadership (1602000000):
District 1 = \$251,000	District 1 = \$480,000
District 2 = 48,000	District 2 = 75,000
District 6 = 60,000	District 5 = 175,000
District 7 = 5,767	District 6 = 100,000
Total = \$364,767	District 7 = 240,000

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
	POS AMOUNT	POS AMOUNT	POS AMOUNT	CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>PGM: HIGHWAY OPERATIONS</u>				55150200
GOV OPERATIONS/SUPPORT				16
<u>OPERATIONS/MAINT</u>				<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
SUPPORT FACILITIES				990F000

Total = \$1,070,000

FY 2017/18 Issue Total: \$1,434,767

IMPACT ASSESSMENT / SAVINGS ACHIEVED BY ISSUE:

This maximizes existing building elements while minimizing construction costs. Additionally, increased work efficiencies and shared resources are realized with one contiguous work space.

ADVERSE IMPACT(S) IF NOT FUNDED:

A total of approximately 12 future private sector contracts estimated to support the activities identified in this request could be impacted. In the Highway Operations budget entity, the operational and cost efficiencies gained by consolidating work areas and making better use of space would not be realized.

BENEFITS TO THE STATE:

By maintaining and maximizing the use of existing tangible assets, the department is able to support its mission and ensure the best use of taxpayer dollars.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES - Priority #2: Promoting Economic Development and Job Creation.

OCALA OPS CTR-REP/RENO/ADD				088628
ST TRANSPORT (PRIMARY) TF -STATE	1,428,894	1,428,894		2540 1

AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: Ocala OPS CTR-REP/RENO/ADD IT COMPONENT? NO
 Fund Source: 100% STATE

SUMMARY:

Requests Fixed Capital Outlay (FCO) budget authority to begin the 3-year project to construct a new 46,917 square foot Ocala Operations Center at the existing FDOT-owned site in District 5, Marion County. This project consolidates 22 existing maintenance and construction buildings to 7 new buildings to house up to 57 staff and the numerous functions

COL A03		COL A04		COL A05		CODES
AGY REQUEST FY 2017-18 POS	AMOUNT	AGY REQ N/R FY 2017-18 POS	AMOUNT	AG REQ ANZ FY 2017-18 POS	AMOUNT	
TRANSPORTATION, DEPT OF						55000000
TRANSP SYSTEMS OPERATIONS						55150000
<u>PGM: HIGHWAY OPERATIONS</u>						55150200
GOV OPERATIONS/SUPPORT						16
<u>OPERATIONS/MAINT</u>						<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN						9900000
SUPPORT FACILITIES						990F000

performed on site. These functions will include managing roadway maintenance projects, construction projects, permitting, vehicle refueling/repair, and equipment and materials storage. This project is consistent with FDOT's long-range plan to streamline maintenance and construction functions to one location.

This new operations center needs to be constructed because the existing buildings are in very poor condition and present both health and safety issues for employees and visitors. Eight buildings have been vacated due to lead paint. Existing buildings do not meet current code requirements for life safety, Florida Building Code, Americans with Disabilities Act (ADA) requirements and energy efficiency requirements with the exception of the renovated warehouse. Many buildings contain lead-based paint and asbestos materials in floor tiles, roof shingles and window caulking; buildings are too small and do not meet operational needs; and the electrical system does not meet code. FDOT owns sufficient property at the site to construct the new facility while still operating from the existing location with few disruptions.

BREAKDOWN OF COST SUMMARY:

Total Project Summary:
 District 5
 FY 2017/18 = \$1,428,894 (Phase I to procure a design professional to develop the building and site plans)
 FY 2018/19 = \$10,895,459 (Phase II - construction)
 FY 2019/20 = \$9,321,501 (Phase III to complete construction and demolition of existing buildings)
 Total Project Costs: \$21,645,854

IMPACT ASSESSMENT/SAVINGS ACHIEVED BY ISSUE:

Project will resolve code violation issues (ADA, life safety, and building code) and mitigate risk of cost liability to FDOT. Cost savings are realized with the reduction of on-going repairs and liability exposure. Replacement of these structures protects the 57 department employees as well as equipment, vehicles and building contents.

ADVERSE IMPACT(S) IF NOT FUNDED:

Future private sector contracts totaling \$21.6M necessary to support this FCO project would be impacted. Additionally, the ability to address the existing site's multiple code deficiencies would be delayed.

BENEFITS TO THE STATE:

Constructing the center enables FDOT to maintain a higher level of transportation service in Marion County in support of the movement of people and goods on transportation infrastructure. The operations center will also increase the department's ability to respond to emergencies and natural disasters.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES: Priority #2 - Promoting Economic Development and Job Creation

	COL A03 AGY REQUEST FY 2017-18 POS	COL A04 AGY REQ N/R FY 2017-18 POS	COL A05 AG REQ ANZ FY 2017-18 POS	AMOUNT	AMOUNT	AMOUNT	CODES
TRANSPORTATION, DEPT OF							55000000
TRANSP SYSTEMS OPERATIONS							55150000
<u>PGM: HIGHWAY OPERATIONS</u>							55150200
GOV OPERATIONS/SUPPORT							16
<u>OPERATIONS/MAINT</u>							<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN							9900000
SUPPORT FACILITIES							990F000
TOTAL: SUPPORT FACILITIES							990F000
TOTAL ISSUE.....	1,793,661	1,793,661					
=====							
TOTAL: OPERATIONS/MAINT							<u>1601.01.06.00</u>
BY FUND TYPE							
TRUST FUNDS.....	4,253,285	4,253,285					2000
=====							

	COL A03 AGY REQUEST FY 2017-18 POS	COL A04 AGY REQ N/R FY 2017-18 POS	COL A05 AG REQ ANZ FY 2017-18 POS	AMOUNT	AMOUNT	AMOUNT	CODES
TRANSPORTATION, DEPT OF							55000000
TRANSP SYSTEMS OPERATIONS							55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>							55150500
GOV OPERATIONS/SUPPORT							16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>							<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN							9900000
CODE CORRECTIONS							990C000
FIXED CAPITAL OUTLAY							080000
MINOR REPAIRS/IMPROV-STATE							080002
ST TRANSPORT (PRIMARY) TF -STATE	1,156,683	1,156,683					2540 1

AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: MINOR REPAIRS/IMPROV-STATE IT COMPONENT? NO
 FUND SOURCE: 100% State

SUMMARY:

Requests \$1,156,683 of Fixed Capital Outlay (FCO) budget authority in Executive Direction to fund building and grounds projects necessary to meet federal, state, or local building code, life safety or Americans with Disabilities Act (ADA) requirements. Relevant projects include critical repairs or replacement of: ADA doors and openers/restroom renovations; electrical panels; boiler; HVAC units; security for employee safety and protection of assets; elevator repair; emergency generator coverage increase; and other building critical repairs for units at the end of their design life or that have experienced increased failures.

This issue is presented annually to reduce the level of code deficiencies.

Refer to the CIP-5 form for additional project details.

BREAKDOWN OF COST:

Highway Operations (55150200)	Executive Direction (55150500)	Turnpike Enterprise (55180100)
Operations & Maintenance (1601010600):	Executive Leadership (1602000000):	Operations & Maintenance (1601010600):
District 1: \$260,000	District 3: \$50,000	Turnpike: \$501,220
District 2: 3,000	District 4: 40,000	
District 3: 140,160	District 5: 50,000	
District 4: 435,000	District 6: 100,000	
District 5: 300,000	District 7: 104,200	
District 7: 116,464	CO-Burns: 812,483	
St Matl: 510,000	Total: \$1,156,683	
Springhill: 75,000		
Total: \$1,839,624		

FY 2017/18 Issue Total: \$3,497,527

IMPACT ASSESSMENT / SAVINGS ACHIEVED BY ISSUE:

The planned projects ensure facilities are compliant with ADA standards, life safety codes and other building code

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
POS	AMOUNT	POS	AMOUNT	POS
				AMOUNT
				CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>				55150500
GOV OPERATIONS/SUPPORT				16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>				<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
CODE CORRECTIONS				990C000

requirements. If not funded, FDOT will be at risk of federal, state, and/or local code violations. If left unattended, assets would be rendered unsafe, essential services or building operations may be disrupted, or a building's integrity or habitability may be compromised. This funding will resolve code violation issues and mitigate risk of cost liability.

ADVERSE IMPACT(S) IF NOT FUNDED:

Approximately 40 future private sector project contracts to address code deficiencies could be impacted. Delaying repairs could result in more costly future repairs. For example, building envelope replacement at the end of life cycle is more cost effective than on-going repairs. Unattended water intrusion could result in interior structural or property damage and potential mold growth, driving up costs to remediate and increasing potential liabilities for health and safety claims.

BENEFITS TO THE STATE:

The plan is to repair the buildings and grounds to meet code requirements and ensure the integrity and value of the assets. By maintaining and maximizing the use of existing real estate, the department is able to support its mission and ensure the best use of taxpayer dollars.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES - Priority #2: Promoting Economic Development and Job Creation.

MAJ REP,RENO & IMP/MAJ INS 083258

ST TRANSPORT (PRIMARY) TF -STATE 3,600,106 3,600,106 2540 1

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AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: MAJ REP,RENO & IMP/MAJ INS IT COMPONENT? NO
 Fund Source: 100% STATE

SUMMARY:

Requests Fixed Capital Outlay (FCO) budget authority to procure a critical replacement of the Heating, Ventilation & Air Conditioning (HVAC) system (two 500-ton chillers and four air handlers) at the Tampa District 7 Headquarters building in Hillsborough County. The District 7 Headquarters is a 115,200 square foot building and houses approximately 333 FTE staff. The HVAC system was installed when the building was constructed in 1992 and will reach the end of design life by

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
	POS AMOUNT	POS AMOUNT	POS AMOUNT	CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>				55150500
GOV OPERATIONS/SUPPORT				16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>				<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
CODE CORRECTIONS				990C000

FY 2017/18. Existing chiller repair costs have totaled approximately \$322K over the last five years and repair and maintenance is no longer cost-effective. Replacement in FY 2017/18 is needed to prevent a catastrophic failure of the system. Failure compromises air quality, computer systems and other temperature sensitive equipment. If the system fails, employees and equipment will need to be relocated until repairs or replacement can occur. Planned replacement mitigates this risk and installs a modern, energy efficient HVAC system.

BREAKDOWN OF COST SUMMARY: Total Project Summary:
 (2) 500-ton chillers @ \$750,000 each (in 2015 dollars) = \$1.5 million for both chillers
 (4) Air handlers @ \$250,000 = \$1 million for the four air handlers
 Combined replacement cost for both the chillers and air handlers = \$2.5 million
 (1) 30-ton chiller used exclusively for the communications room = \$45,000
 (107) Variable Airflow Valves (VAV) = \$300,000
 Professional service fees (life-cycle cost, design analysis, plan preparation, specifications) = \$120,000

\$3.17 million replacement and design cost is in current (2016) dollars x 4% inflationary factor over 3 years + permits and inspection fees = FY 2017/18 total project cost of \$3,600,106

IMPACT ASSESSMENT/SAVINGS ACHIEVED BY ISSUE:
 Breakeven: FY 2022/23
 \$322,000 has been spent on maintenance in last 5 years

In the event of catastrophic failure, 333 FTE staff x \$15/hr x 1,040 hrs (6 months)= \$5,194,800 lost productivity (6 month lead time to order and receive replacement chillers)

New HVAC chiller systems are 25-30 percent more efficient than the existing system, resulting in 15-20 percent energy cost savings or approximately \$11,400 per year.

Proposed Thermal Storage (ice storage) would allow the two main chillers to be downsized, reducing total costs and providing an additional \$11,400 in energy savings.

Replacement prevents catastrophic failure of the HVAC chiller system at the District Headquarters building and mitigates risk of cost liability to FDOT. Cost savings are realized by the reduction of on-going repairs of the existing system with the replacement of a more energy efficient system and averting displacement of employees and potential equipment damage exposure during a system failure event. Life expectancy of this system is 20-25 years.

ADVERSE IMPACT(S) IF NOT FUNDED:
 Future private sector contracts totaling \$3.6M necessary to support this FCO project would be impacted. Catastrophic failure of the chillers will result in closure of the facility and relocation of employees and equipment until a replacement system is installed. This closure could result in costly delays in the performance of FDOT's mission critical functions(i.e., delays in project schedules, accounting, procurement and design work).

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
POS	AMOUNT	POS	AMOUNT	POS
				AMOUNT
				CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>				55150500
GOV OPERATIONS/SUPPORT				16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>				<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
CODE CORRECTIONS				990C000

BENEFITS TO THE STATE:

Replacing the HVAC chiller system enables FDOT to maintain the District 7 Headquarters, management and operations and a higher level of transportation service in Hillsborough County in support of the movement of people and goods on transportation infrastructure. This action highlights the state's commitment to supporting its assets and productive work environments for employees, reducing cost liability, as well as its commitment to being better stewards of tax payer dollars.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES: Priority #2 - Promoting Economic Development and Job Creation

IMPROVS/SECURITY SYSTEMS 088225

ST TRANSPORT (PRIMARY) TF -STATE 470,125 470,125 2540 1

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AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: IMPROVS/SECURITY SYSTEMS IT COMPONENT? NO
 FUND SOURCE: 100% State

SUMMARY:

Requests the second year of nonrecurring Fixed Capital Outlay (FCO) budget authority to replace obsolete access control systems (ACS) with an Enterprise Security Access Control System (ESACS). This critical multi-year request will replace obsolete stand-alone systems over the next three fiscal years with one integrated security system that is networked and cloud-based. This procurement will not only greatly enhance the safety and security of the department's personnel, resources and facilities, it will also create efficiency with regard to security management, and reduce purchase, labor, training, and maintenance costs.

37 FDOT facilities are included in this project. Of the 37 facilities, 13 do not have an ACS but will be migrated to ESACS to secure the facilities.

FY 2016/17 budget is being used to retrofit 19 facilities (18 replacement systems, 1 new) in Districts One, Two, Five, and Central Office. ACS systems at these locations use software that will not be supported by the manufacturer after

	COL A03		COL A04		COL A05		CODES
	AGY REQUEST FY 2017-18 POS	AMOUNT	AGY REQ N/R FY 2017-18 POS	AMOUNT	AG REQ ANZ FY 2017-18 POS	AMOUNT	
TRANSPORTATION, DEPT OF							55000000
TRANSP SYSTEMS OPERATIONS							55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>							55150500
GOV OPERATIONS/SUPPORT							16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>							<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN							9900000
CODE CORRECTIONS							990C000

2016. Additionally, there is one field office that is not secured by any ACS, impacting personnel safety and security.

FY 2017/18 budget will be used to retrofit 12 facilities (6 replacement systems, 6 new) in Districts Three, Four, and Seven.

FY 2018/19 budget will be used to retrofit 6 facilities (6 new systems) in District Six and the State Materials Office.

In addition to FCO budget, operating budget authority is also requested for maintenance that includes cloud based storage, storage redundancy, and support to department and district staff. This maintenance includes normal wear and tear of all equipment including card readers, door locks, panels, request to exit buttons and motion detectors. Proper and consistent maintenance is critical to ensure the systems sustainability.

BREAKDOWN OF COST SUMMARY:

ESACS costs include all necessary materials, labor, warranty, and training required to complete the project, such as: software, servers, control panels, sub panels, transformers, wiring, access card readers, sensors, locks, push bars, back-up power supply, ID badge printers, access control cards, and programming.

FY 2017/18 request also includes \$67,750 of recurring operating budget authority for maintenance and support costs (see issue 36222C0, Executive Direction entity, Category 100777).

BREAKDOWN:

FY 2016/17	FY 2017/18	FY 2018/19 (Estimated)
District 1: \$141,375	District 3: \$232,500	District 6: \$202,125
District 2: \$251,375	District 4: \$119,125	CO-E&O: \$57,375
District 5: \$179,750	District 7: \$118,500	Total: \$259,500
CO: \$173,750	Total: \$470,125	
Total: \$746,250		

Nonrecurring FCO budget is estimated to total \$1,475,875 for all three years (see totals above).

Recurring operating budget authority for maintenance and support costs estimated to total \$228,250 for all three years. (FY 2016/17: \$122,750, FY 2017/18: \$67,750, and FY 2018/19: \$37,750)

IMPACT ASSESSMENT / SAVINGS ACHIEVED BY ISSUE:

ROI: 126:1 (Risk reduction)

Break-even Year: FY 2016/17

Calculation: Risk Reduction \$477,775,583/Cost \$3,784,327 = 126

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
POS	AMOUNT	POS	AMOUNT	POS
				AMOUNT
				CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>				55150500
GOV OPERATIONS/SUPPORT				16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>				<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
CODE CORRECTIONS				990C000

Risk reduction based on a 10 percent reduced risk of damage or destruction to the value of the buildings and contents with the implementation of a security system. Costs are based on the implementation schedule and include recurring maintenance. Totals are projected over 15 years (estimated life span of the system) and adjusted for net present value. Other benefits include: reduced risk of theft and security breaches; more secure work environment with real-time data updates and full-time network monitoring; enhanced system performance (one cloud based system vs. multiple stand-alone systems); improved system longevity; systems on same life cycle; encrypted data security; reduced training costs due to in house enterprise support; and increased labor efficiency.

ADVERSE IMPACT(S) IF NOT FUNDED:

If not approved, personnel, resources and facilities are exposed to greater risks. The systems in the identified facilities must be replaced because they are obsolete or are beyond useful life expectancy. The cost to replace and/or maintain individually will be higher than an enterprise system. Additionally, because current stand-alone systems rely on local servers which are not networked, districts will be unable to track data from remote locations. Lack of enterprise access and real-time information could result in unauthorized access to facilities.

BENEFITS TO THE STATE:

An Enterprise Security Access Control System enhances the safety and security of personnel, facilities, and assets by establishing a more efficient method for security management, while simultaneously reducing purchase, labor, training, and maintenance costs. This action highlights the state's commitment to creating and supporting safe work environments for employees, reducing risks of theft, as well as its commitment to being better stewards of tax payer dollars.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES - Priority #2: Promoting Economic Development and Job Creation.

TOTAL: CODE CORRECTIONS				990C000
TOTAL ISSUE.....	5,226,914	5,226,914		
	=====	=====	=====	

	COL A03 AGY REQUEST FY 2017-18 POS	COL A04 AGY REQ N/R FY 2017-18 POS	COL A05 AG REQ ANZ FY 2017-18 POS	AMOUNT	AMOUNT	AMOUNT	CODES
TRANSPORTATION, DEPT OF							55000000
TRANSP SYSTEMS OPERATIONS							55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>							55150500
GOV OPERATIONS/SUPPORT							16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>							<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN							99000000
SUPPORT FACILITIES							990F000
FIXED CAPITAL OUTLAY							080000
MINOR REPAIRS/IMPROV-STATE							080002
ST TRANSPORT (PRIMARY) TF -STATE	1,070,000	1,070,000					2540 1

AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: MINOR REPAIRS/IMPROV-STATE IT COMPONENT? NO
 FUND SOURCE: 100% State

SUMMARY:

Requests \$1,070,000 nonrecurring Fixed Capital Outlay (FCO) budget authority in Executive Direction to fund minor asset preservation and risk protection projects. Projects are necessary to protect the value of investments, reduce financial risk and maximize use of facility space. Projects include: Drainage correction/improvement of parking area, irrigation design/improvement, restroom renovations, canopy installation, modification/repair of work space, reconfiguration of work area, and replacement of obsolete workstations/components to relocate personnel from offsite location to maximize use of facility space. Replacement workstations are needed as current workstations are no longer manufactured and replacement parts are not available.

These projects are necessary to align facility layout and space needs to allow staff to work more efficiently. Refer to the accompanying CIP-5 form for additional project details.

BREAKDOWN OF COST:

Highway Operations (55150200)	Executive Direction (55150500)
Operations and Maintenance (1601010600):	Executive Leadership (1602000000):
-----	-----
District 1 = \$251,000	District 1 = \$480,000
District 2 = 48,000	District 2 = 75,000
District 6 = 60,000	District 5 = 175,000
District 7 = 5,767	District 6 = 100,000
Total = \$364,767	District 7 = 240,000
	Total = \$1,070,000

FY 2017/18 Issue Total: \$1,434,767

IMPACT ASSESSMENT / SAVINGS ACHIEVED BY ISSUE:

This maximizes existing building elements while minimizing construction costs. Additionally, increased work efficiencies and shared resources are realized with one contiguous work space.

ADVERSE IMPACT(S) IF NOT FUNDED:

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
POS	AMOUNT	POS	AMOUNT	POS
				AMOUNT
				CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>				55150500
GOV OPERATIONS/SUPPORT				16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>				<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
SUPPORT FACILITIES				990F000

A total of approximately 12 future private sector contracts estimated to support the activities identified in this request could be impacted. In the Executive Direction budget entity, the construction work that is not performed for the correction/improvement of parking area drainage problems could result in increased risks from property damage claims. The operational and cost efficiencies gained by consolidating work areas and making better use of space would not be realized. By maintaining and maximizing the use of existing tangible assets and consolidating office space, the department is able to support its mission and ensure the best use of taxpayer dollars.

BENEFITS TO THE STATE:

By maintaining and maximizing the use of existing tangible assets, the department is able to support its mission and ensure the best use of taxpayer dollars.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES - Priority #2: Promoting Economic Development and Job Creation.

FACILITIES CONSTRCTN/RENOV 087571

ST TRANSPORT (PRIMARY) TF -STATE 1,711,552 1,711,552 2540 1

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AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: FACILITIES CONSTRCTN/RENOV IT COMPONENT? NO

Fund Source: 100% STATE

SUMMARY:

Requests Fixed Capital Outlay (FCO) budget authority to convert an unused, department-owned, vacated day care facility into a 6,847 sq ft functional Conference Center in District 1, Polk County. The conference center will accommodate 353 people and will serve as a statewide meeting center for the 24 counties of FDOT Districts 1, 5, 7 and the Turnpike Enterprise as well as other state and municipal agencies. The conference center will be used to conduct safety meetings, training, town hall meetings and conferences with business partners.

The existing District 1 auditorium seats a maximum of 170 people and is inadequate for many required meetings and conferences. The district has to break up meetings and training sessions into various locations and host them offsite. As a result, attendance is restricted, business partners are left out of events or multiple meetings are needed, making

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
	POS AMOUNT	POS AMOUNT	POS AMOUNT	CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>				55150500
GOV OPERATIONS/SUPPORT				16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>				<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
SUPPORT FACILITIES				990F000

consistent dissemination of materials difficult. The Turnpike Enterprise conference room (capacity 150-240) serves as an alternate meeting space but requires up to 162 miles of travel and is often booked.

The existing auditorium will be free for future conversion into an emergency operations center and computer training room. The Emergency Operations Center (EOC) is responsible for gathering and analyzing data, making decisions that protect life and property and maintaining continuity of the organization in the event of an emergency. The existing EOC does not have available space to house all needed staff during an emergency, creating difficulties in communications and responses. Once converted, future year operating budget will be requested to furnish the facility. This move also allows the new EOC to take advantage of an existing emergency generator, an otherwise significant expense.

Renovation of the space allows the department to maximize use of square footage that is currently supported but non-functional.

BREAKDOWN OF COST SUMMARY:

District 1:

FY 2017/18 = \$1,711,552 (renovate facility/construct the Bartow Conference Center)

IMPACT ASSESSMENT/SAVINGS ACHIEVED BY ISSUE:

ROI calculated over 10 year lifespan of system and with NPV factor of 4%

ROI: 4.58

Breakeven: FY 2019/20

Annual operating cost of the current day care facility: \$10,595 (utilities, pest control, fire suppression, cleaning, grease trap, exhaust hood, lawn care, maintenance)

The HVAC is due to be replaced soon and will cost approximately \$91,321 for a new system. To prevent mold and damage to the building, this will have to be replaced regardless of the use of the space.

ROI is estimated based on the minimum, maximum and mean costs to rent nearby facilities able to accommodate department, municipal and other agency events. The estimated value of these rental facilities is compared to the cost of the renovation and the anticipated maintenance costs projected over the life span of the facility.

Additional value is difficult to quantify but is realized in the following ways:

Travel expense: Symposia and workshops (Ex. annual Transit Grants Workshop) are often currently held in two locations. A large facility in Bartow would allow one meeting, resulting in savings in travel expense and staff time.

Ability to meet with more industry partners: Attendance to meetings held in the existing conference facility is limited and attendees are currently turned away.

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
POS	AMOUNT	POS	AMOUNT	POS
				AMOUNT
				CODES
TRANSPORTATION, DEPT OF				55000000
TRANSP SYSTEMS OPERATIONS				55150000
<u>EXECUTIVE DIR/SUPPORT SVCS</u>				55150500
GOV OPERATIONS/SUPPORT				16
<u>EXEC LEADERSHIP/SUPPRT SVC</u>				<u>1602.00.00.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
SUPPORT FACILITIES				990F000

ADVERSE IMPACT(S) IF NOT FUNDED:

The district headquarters will continue to support and maintain un-utilized space. Inadequate meeting and training space will require the district to limit participation in many critical industry, planning and training events and will impact the ability to communicate with industry partners.

Additionally, accessible videoconferencing equipment is essential for continued operation and to be compliant with statutory responsibilities (Chapter 2015-103, L.O.F.) which requires FDOT to provide space and video conference capability at each district office to enable a person requesting a hearing to appear remotely before the FDOT review board, regardless of the physical location of the board proceeding.

BENEFITS TO THE STATE:

The Conference Center will increase the efficiency of staff and reduce travel time. It will increase FDOT access to its consultants and private partners. The facilities will be available for rental by public and private entities.

In addition, if the conference center is renovated/constructed, the future conversion of the existing auditorium space will provide a dual use emergency operations/computer training room that will improve communications during an emergency event and minimize errors when responding to emergencies.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES: Priority #2 - Promoting Economic Development and Job Creation

TOTAL: SUPPORT FACILITIES				990F000
TOTAL ISSUE.....	2,781,552	2,781,552		
	=====	=====	=====	
TOTAL: EXEC LEADERSHIP/SUPPRT SVC				<u>1602.00.00.00</u>
BY FUND TYPE				
TRUST FUNDS.....	8,008,466	8,008,466		2000
	=====	=====	=====	

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
	POS	AMOUNT	POS	AMOUNT
				CODES
TRANSPORTATION, DEPT OF				55000000
FLORIDA'S TURNPIKE SYSTEMS				55180000
<u>FL'S TURNPIKE ENTERPRISE</u>				55180100
GOV OPERATIONS/SUPPORT				16
<u>OPERATIONS/MAINT</u>				<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
CODE CORRECTIONS				990C000
FIXED CAPITAL OUTLAY				080000
MINOR REPAIRS/IMPROV-STATE				080002
TURNPIKE GEN RESERVE TF -STATE	501,220	501,220		2326 1

AGENCY NARRATIVE:

2017-2018 BUDGET YEAR NARRATIVE: MINOR REPAIRS/IMPROV-STATE IT COMPONENT? NO
 FUND SOURCE: 100% State

SUMMARY:

Requests \$501,220 of nonrecurring Fixed Capital Outlay (FCO) budget authority to fund critical repairs or replacement of: Fire safety improvements and critical HVAC system replacement necessary to meet federal, state or local building code requirements.

This issue is presented annually to reduce the level of code deficiencies.

Refer to the CIP-5 form for additional project details.

BREAKDOWN OF COST:

Highway Operations (55150200)	Executive Direction (55150500)	Turnpike Enterprise (55180100)
Operations & Maintenance (1601010600):	Executive Leadership (1602000000):	Operations & Maintenance (1601010600):
District 1: \$260,000	District 3: \$50,000	Turnpike: \$501,220
District 2: 3,000	District 4: 40,000	
District 3: 140,160	District 5: 50,000	
District 4: 435,000	District 6: 100,000	
District 5: 300,000	District 7: 104,200	
District 7: 116,464	CO-Burns: 812,483	
St Matl: 510,000	Total: \$1,156,683	
Springhill: 75,000		
Total: \$1,839,624		

FY 2017/18 Issue Total: \$3,497,527

IMPACT ASSESSMENT / SAVINGS ACHIEVED BY ISSUE:

Facilities are non-compliant with ADA standards, life safety codes and other building code requirements. If not funded, FDOT will be at risk of federal, state, and/or local code violations. If left unattended, assets would be rendered unsafe, essential services or building operations may be disrupted, or a building's integrity or habitability may be compromised. This funding will resolve code violation issues and mitigate risk of cost liability.

	COL A03	COL A04	COL A05	
	AGY REQUEST	AGY REQ N/R	AG REQ ANZ	
	FY 2017-18	FY 2017-18	FY 2017-18	
POS	AMOUNT	POS	AMOUNT	POS
				AMOUNT
				CODES
TRANSPORTATION, DEPT OF				55000000
FLORIDA'S TURNPIKE SYSTEMS				55180000
<u>FL'S TURNPIKE ENTERPRISE</u>				55180100
GOV OPERATIONS/SUPPORT				16
<u>OPERATIONS/MAINT</u>				<u>1601.01.06.00</u>
CAPITAL IMPROVEMENT PLAN				9900000
CODE CORRECTIONS				990C000

ADVERSE IMPACT(S) IF NOT FUNDED:

Approximately 40 future private sector project contracts to address code deficiencies could be impacted. Repairs that are not performed for code corrections could result in more costly future repairs. For example, building envelope replacement at the end of life cycle is more cost effective than on-going repairs. Water intrusion may result in interior structural or property damage and potential mold growth which can result in hundreds of thousands of dollars to remediate and increase liabilities for health and safety claims.

BENEFITS TO THE STATE:

The intent is to repair the buildings and grounds to meet code requirements and ensure the integrity and value of the assets. By maintaining and maximizing the use of existing real estate, the department is able to support its mission and ensure the best use of taxpayer dollars.

LRPP REFERENCE: Goal #2 - Organizational excellence by promoting and encouraging continuous improvement.

FLORIDA STRATEGIC PLAN FOR ECONOMIC DEVELOPMENT - Strategy #25: Improve the efficiency and effectiveness of government agencies at all levels.

LINKAGE TO GOVERNOR'S PRIORITIES - Priority #2: Promoting Economic Development and Job Creation.
