

**DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
2018 - 2022 CAPITAL OUTLAY PLAN SUMMARY**

LOCATION/PROJECT DESCRIPTION	PRELIMINARY PROJECT ESTIMATE				
	2018	2019	2020	2021	2022
<b>DTMB OWNED FACILITIES REQUESTS</b>					
<b>ALLEGAN RAMP</b>					
Replace overhead doors and gates			\$422,000		
Repair ramp street vehicle entrances				\$79,125	
Design and install new control panel to operate sump pumps in ramp				\$116,050	
<b>AUSTIN BUILDING</b>					
Renovate Old MSP Post in Upper Level to make tenantable			\$316,500		
Pressurize east, west and center stairway; install fire suppression in the penthouse, and redesign and install lobby entrance heating				\$801,800	
Upgrade lighting and HVAC controls and integration				\$369,250	
Replace supply air fans 5, 6 & 7 that service the upper and lower levels of the building entry from the ramp into the building					\$137,150
<b>CADILLAC PLACE</b>					
Install siding on roof buildings		\$105,500			
Upgrade controls and equipment on west freight elevator		\$949,500			
Replace failed piping in the crawl space above the 15th floor Court of Appeals		\$158,250			
Design and construct a conference center on the 1st floor		\$2,321,000			
Upgrade controls and equipment on east freight elevator		\$949,500			
upgrade HVAC and white box unleased space to make ready for tenants		\$274,300			
Renovate old Optometric Center to make available for occupancy		\$79,125			
Install lobby security (req from Office of Infrastructure Protection)			\$1,688,000		
Upgrade controls and equipment on 3 annex elevators			\$1,329,300		
Convert showroom into rentable office space				\$2,215,500	
Repair stone façade (study in progress)				\$1,329,300	
Replace 95-year old piping in building (Phase I)					\$1,371,500

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Replace fire system (requested by Office of Infrastructure Protection)					\$2,321,000
<b>CONSTITUTION HALL</b> Repair building leaks		\$263,750			
Replace fire system (requested by Office of Infrastructure Protection)					\$865,100
Replace roof					\$689,970
<b>DTMB OWNED BUILDINGS</b> Multiple Buildings - Energy efficiency improvements including continuous commissioning, lighting and other efficiencies based on energy audits conducted by DTMB Building Energy Assessment Team	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
<b>DTMB OWNED PARKING LOTS</b> Replace Butler and MLHC Visitor Parking Lots					\$875,650
<b>ENERGY CENTER</b> Replace fire suppression system		\$348,150			
Replace boiler #1			\$2,004,500		
Replace chilled water pump and drive				\$263,750	
Waterproof exterior				\$553,875	
Upgrade restrooms					\$263,750
Replace roof over office and procurement areas					\$232,100
<b>ESCANABA STATE OFFICE BUILDING</b> Repair/resurface parking lot			\$232,100		
Waterproof building exterior				\$327,050	
Replace hot water piping				\$73,850	
Upgrade elevator controls and equipment to meet current ADA standards				\$232,100	
Replace switchgear					\$580,250

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<b>FARNUM BUILDING (DTMB taking possession 1/1/17)</b> Interior build out	\$5,000,000				
<b>FLINT STATE OFFICE BUILDING</b> Parking Ramp - Upgrade elevator controls and equipment to meet current ADA standards (cost will be shared with UM-Flint)  Parking Ramp - Replace fire system controls and equipment (requested by Office of Infrastructure Protection; cost will be shared with UM-Flint)	\$659,375	\$211,000			
<b>GENERAL SERVICES BUILDING</b> Replace reheat coils in AHU 5,6,7,8  Replace windows with energy efficient system					\$232,100  \$116,050
<b>GRAND RAPIDS STATE OFFICE BUILDING</b> Replace generator transfer switch and fuel source  Replace escalator and overhead ceiling and lighting  Replace transformers  Replace ceiling and lighting on the Court side, Judges level		\$422,000		\$1,160,500  \$323,100  \$221,550	
<b>GRAND TOWER BUILDING</b> Repair window seal leaks and failing mortar joints			\$2,110,000		
<b>GROUNDS MAINTENANCE CENTER</b> Repipe leaking steam line from Energy Center		\$179,350			
<b>HALL OF JUSTICE</b> Waterproof ramp and repair building entrance  Replace parking ramp fire suppression system in the east and west parking ramps (requested by Office of Infrastructure Protection)  Install automatic transfer station to the main electrical vault in the Distribution Center		\$3,165,000	\$1,002,250		

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<p><b>HANNAH BUILDING</b> Upgrade HVAC System (study completed)</p> <p>Repair window gaskets</p>				\$3,903,500	
<p><b>JACKSON STATE OFFICE BUILDING - LINE ITEM REQUEST</b> Upgrade the building exterior to ensure a water/air tight seal, replace the roof, upgrade life safety systems and improve tenant environment including lighting, heating, ventilation, air conditioning, ceilings, hazardous abatement, fire system, including upgrades to the reporting systems in Central Control, furniture, carpeting, painting, and blinds. Request includes estimated swing space costs for tenants during construction. Estimate for FY17 was reduced due to cooling tower work that was completed in FY15.</p> <p>Repair/tuckpoint penthouse - water intrusion is creating a situation that needs to be remedied as soon as possible. If the overall building renovation project does not get funded, this piece of the project needs to be done.</p>			\$9,969,750		
<p><b>JOINT LAB - NORTH COMPLEX - LINE ITEM REQUEST</b> Reseal windows and replace siding on the east side of the building</p> <p>This building presently consumes more energy per square foot than any other building in the portfolio. This project is Phase II of an overall HVAC Renovation project. By properly sizing utilities for maximum efficiencies, this project has an energy reduction goal of 40 percent. Need is URGENT equipment has completed life expectancy and functional use. Major repairs have been made to Chiller CH-2 because of a catastrophic failure of electrical components &amp; controls. Includes replacement of AHU's, HVAC controls, damaged fume hoods, installation of Lab Grade 2 air compressors to replace units that are undersized; and the installation of a heating plant platform.</p> <p>Replace ductwork and exahust system</p>		\$501,125 \$12,079,750			\$633,000
<p><b>JOINT OPERATIONS CENTER</b> Waterproof exterior</p>					\$232,100
<p><b>LEWIS CASS BUILDING</b> Resurface Cass D parking lot</p> <p>Install fall protection in the restroom chase and penthouse guardrail</p>			\$1,012,800	\$337,600	

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<b>LOTTERY BUILDING</b> Upgrade HVAC system and controls  Replace generator and automatic transfer switch that failed on 1/5/12  Renovate restrooms to current ADA standards; scope and upgrade piping as needed  Waterproof exterior		\$2,901,250			\$327,050  \$1,107,750  \$886,200
<b>MDOT CONSTRUCTION AND TECHNOLOGY BUILDING</b> Upgrade life safety systems and improve tenant environment including lighting, heating, ventilation, air conditioning, ceilings, hazardous abatement, fire system, including upgrades to the reporting systems in Central Control, furniture, carpeting, and painting.			\$14,242,500		
<b>MDOT WAREHOUSE</b> Waterproof exterior  Replace windows with energy efficient system  Replace transformers					\$919,960  \$57,500  \$232,100
<b>MICHIGAN LIBRARY AND HISTORICAL CENTER</b> Upgrade elevator controls and equipment to meet current ADA standards. Replace elevator monitoring system.  Waterproof building envelope and repair fountain area (design in progress)  Replace storefronts  Replace 16 AHUs  Replace east and west dock concrete	\$4,009,000  \$3,165,000		\$184,625		\$4,009,000  \$211,000
<b>OPERATIONS BUILDING</b> Resurface parking lot  Repair exterior including tuckpointing and waterproofing  Repair corroded sprinkler piping  Replace roof	\$3,481,500	\$527,500  \$105,500			\$2,848,500

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<b>OTTAWA BUILDING</b> Upgrade HVAC system Repair window gaskets				\$3,903,500	
<b>OTTAWA PARKING RAMP</b> Renovate/update UL conference rooms 1-5 and hallway Replace overhead doors and gates Replace/refurbish switchgear and motor circuit control panels Repair ramp street vehicle entrances Construct a secure/dedicated loading dock area (requested by Office of Infrastructure Protection) Repair waterproofing drain issues at the exterior ER exits Install frequency drives on the existing exhaust fans Replace ceiling in cafeteria and dining area Replace in-floor heat transfer system for UL offices		\$527,500	\$422,000	\$3,165,000 \$79,125	\$358,700 \$32,705 \$116,050 \$105,500 \$2,231,000
<b>RECORDS BUILDING AND GARAGE</b> Replace parking lot and drainage system that have deteriorated beyond repair Replace single pane glass and aluminum frame windows to reduce energy consumption			\$1,899,000	\$89,675	
<b>ROMNEY BUILDING</b> Upgrade elevator controls and equipment to meet current ADA standards Upgrade controls and integrate to MiBIS	\$3,059,500			\$2,110,000	

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<b>SAGINAW</b> Replace obsolete switchgear that failed in 2012  Replace chiller #1  Replace boiler			\$316,500	\$316,500	\$1,160,500
<b>SECONDARY COMPLEX</b> PH 4 & 5 repair remaining steam tunnel pipe stanchions and replace piping  Replace overhead doors		\$6,857,500			
<b>SECRETARY OF STATE BUILDING - LINE ITEM REQUEST</b> Upgrade building envelope including walls, windows, roof-top equipment and removal of roof-top piping, roof replacement, life safety systems and improve tenant environment including lighting, heating, ventilation, air conditioning, ceilings, hazardous abatement, fire system, restrooms, floor tile removal, carpeting and painting.	\$57,156,000				
<b>SOUTH GRAND BUILDING</b> Repair fire suppression system piping					\$369,250
<b>STATE POLICE ANNEX (Formerly MDOT Photo Lab)</b> Enlarge restroom to accommodate tenants				\$369,250	
<b>STATE POLICE 1st DISTRICT HEADQUARTERS</b> Replace chiller, tube bundle, circulation pumps, insulate pipes and update controls  Replace parking lot  Renovate restrooms and locker rooms to meet current ADA standards				\$369,250	\$263,750  \$253,200
<b>STATE POLICE FORENSICS LAB</b> Resurface parking lot			\$263,750		
<b>STATE POLICE HEADQUARTERS</b> Upgrade elevator controls and equipment to meet current ADA standards  Renovate restrooms to current ADA standards; scope and replace piping as needed. Design completed.  Waterproof/tuckpoint building exterior		\$2,321,000		\$1,266,000  \$116,050	

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<b>STATE POLICE TRAINING ACADEMY</b> Pressurize high rise stairwell  Replace hot water heater and demo the water tank  Upgrade elevator controls and equipment to meet current ADA standards. Replace monitor system.  Replace air handling units  Replace generator		\$865,100  \$1,160,500  \$1,055,000	   \$6,330,000		    \$232,100
<b>TRAVERSE CITY</b> Renovate antiquated restrooms on floors 1-4 to meet current ADA standards  Parking lot expansion, include sidewalk, parking lot and site improvements				\$422,000  \$84,400	
<b>VAN WAGONER BUILDING</b> Upgrade life safety systems and improve tenant environment including lighting, heating (including lobby entrance), ventilation, air conditioning, ceilings, hazardous abatement, fire system, carpeting, and painting. Estimate includes moving and swing space costs.  Upgrade stairwells (abate, retile and refinish wood handrails)  Restroom and piping upgrades (if overall renovations are not funded)	\$48,530,000	  \$316,500	   \$4,483,750		
<b>VEHICLE AND TRAVEL SERVICES</b> Replace parking lot and upgrade lighting as needed  Replace transformers  Replace AHU's			\$2,004,500	  \$232,100	   \$1,582,500



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<b>WAREHOUSE COMPLEX</b>					
Site improvements	\$3,059,500				
Add controls in various complex buildings and integrate existng systems to MiBIS		\$211,000			
Building 600 - Replace roof and insulation				\$1,434,800	
Replace/repair parking lots and truck loading area					
Repair/replace parking lots and truck loading area					
<b>WILLIAMS BUILDING</b>					
Upgrade stairwells (abate, retile and refinish wood handrails)			\$327,050		
Replace fin tube perimeter heating system and insulate the columns to reduce themal heat loss and reduce risk of freezing pipes; redesign and install lobby entrance heating					\$1,044,450
<b>TOTAL LUMP SUM REQUEST 2018-2022</b>	<b>\$23,433,875</b>	<b>\$27,775,900</b>	<b>\$27,348,625</b>	<b>\$27,265,550</b>	<b>\$27,898,485</b>
<b>TOTAL LINE ITEMS 2018-2022 (SOS/ VanWagoner/Joint Lab; MDOT C&amp;T)</b>	<b>\$105,686,000</b>	<b>\$12,079,750</b>	<b>\$14,242,500</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL REQUEST</b>	<b>\$129,119,875</b>	<b>\$39,855,650</b>	<b>\$41,591,125</b>	<b>\$27,265,550</b>	<b>\$27,898,485</b>