



Fiscal Year 2027
Five-Year Plan for the
Airport Capital Program
&
MDOT's Buildings and
Facilities Program

Airport Capital Program

The Airport Capital Program is based on project estimates provided by each individual Michigan Airport and includes Airport Improvement Program (AIP) Grants and Bipartisan Infrastructure Law (BIL) Grants, that may be competitive and at the discretion of the FAA. The actual annual AIP appropriation may need adjustments to reflect actual grants awarded.

OFFICE OF AERONAUTICS
AIRPORTS CAPITAL IMPROVEMENTS 5-YEAR PLAN

11/4/2025

AIRPORT	DESCRIPTION	2027	2028	2029	2030	2031	TOTAL
PRIMARY AIRPORTS							
ALPENA COUNTY REGIONAL							
APN	Building Development Box Hangars						
	Reconstruct Taxiway G	1,000,000	12,500,000				
	SRE Building		350,000	400,000	4,900,000		
	Reconstruct Taxiway D					1,000,000	
	TOTAL						\$19,150,000
DETROIT, WILLOW RUN							
YIP	Construct Taxiway Fox (East Ramp)	10,250,000					
	Construct Relocated ARFF Station/ SRE storage		8,900,000				
	Rehabilitate/ Expand East Ramp			500,000	6,000,000	10,000,000	
	TOTAL						\$25,650,000
DETROIT METRO WAYNE COUNTY							
DTW	Runway 9R/27L Reconstruction ph 2, 3, 4	47,800,000	47,800,000	47,800,000			
	Taxiway Kilo (K) South of Runway 9L/27R - Reconstruction			50,000,000			
	Runway 3L Deicing Pad Expansion					8,000,000	
	TWY Zulu (Z)				15,000,000	5,000,000	
	Airport Development	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	
	TOTAL						\$193,400,000
ESCANABA, DELTA COUNTY							
ESC	Master Plan ALP update and Exh A	500,000					
	RPZ - Land Acquisition		275,000		2,000,000	2,000,000	
	Terminal Expansion			400,000	2,280,000	2,280,000	
	Sealing and Marking	500,000					
	Airport Development TBD		1,000,000	1,000,000			
	TOTAL						\$7,955,000
FLINT, BISHOP INTERNATIONAL							
FNT	Airfield Stormwater Rehabilitation- Construction						
	Pass. Boarding Bridges	3,500,000					
	TWY B Rehabilitation	350,000	3,500,000				
	Terminal Rehab Skywalk- Construction		4,000,000				
	Runway 18-36 Extension				17,850,000	17,850,000	
	Shuttle Lot Rehabilitation			1,500,000			
	SRE Equipment	350,000	350,000	350,000			
	Rehabilitate Terminal Building	75,000	450,000	6,000,000			
	Corporate Aviation Development - Phase 1		6,000,000				
	Rehab Apron	3,850,000					
	ARFF Equipment				1,000,000		
	Airport Development TBD					1,000,000	
	Total						\$49,125,000
GRAND RAPIDS, GERALD R. FORD INTERNATIONAL							
GRR							

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AIRPORT	DESCRIPTION	2027	2028	2029	2030	2031	TOTAL
	Elevate Baggage Claim Expansion	18,000,000					
	TWY K Extension	2,100,000	10,000,000				
	TWY V Removal	900,000					
	TWY Z1 Rehab		1,300,000				
	TWY J Rehab		1,400,000				
	Runway 8R/26L Approach End Twy Improvements-Design			5,000,000	51,500,000		
	Apron GA South		2,650,000				
	Runway Intersection Mitigation	1,000,000	12,000,000				
	Airport Dev FIS TBD			5,000,000	5,000,000		
	Concourse C			30,000,000	40,000,000	42,000,000	
	Airport Development TBD			5,000,000	10,000,000	10,000,000	
	TOTAL						\$185,850,000
HANCOCK, HOUGHTON COUNTY MEMORIAL							
CMX							
	Remove Building #3 and #4	200,000					
	CBR Terminal Building Site Preparation	1,650,000	1,000,000				
	Rev Gen Parking Lot	1,600,000					
	Sponsor Owned Hangar	1,600,000					
	Construct Terminal Building	1,000,000	10,000,000				
	Acquire Passenger Lift Device - Loading Bridge			2,300,000			
	Terminal Apron Rehab.			1,620,000	2,000,000		
	Acquire High Speed Rotary Plow		820,000				
	Wildlife Hazard & Fence Improvements		50,000	350,000			
	RWY and TWY Crackseal and Pavement Markings			400,000			
	Construct Terminal Ent. Road					4,000,000	
	TOTAL						24,590,000
IRON MOUNTAIN, FORD							
IMT							
	Terminal Rehabilitation and Expansion	900,000		9,000,000			
	Airfield Marking and Sealing		30,000				
	Land Acquisition/Obstruction removal (RWY 31)	80,000	720,000				
	Rehab RWY 13-31	145,000	100,000				
	Rehabilitate TWY H	40,000	2,000,000				
	Rehab RWY 13-31 Lighting				500,000		
	Airport Development TBD					1,000,000	
	TOTAL						\$13,515,000
KALAMAZOO/BATTLE CREEK INTERNATIONAL							
AZO							
	Rehab RWY 5/23 Pavement and Lighting	450,000	5,545,000				
	Security Improvements	600,000					
	TWY A, D, E, & G Reconstruction Pavement		280,000	3,500,000			
	TWY A, D, E, & G Reconstruction Lighting		160,000	2,030,000			
	Terminal Apron Reconstruction				1,200,000	12,000,000	
	TOTAL						\$13,765,000
LANSING CAPITAL REGIONAL INTERNATIONAL							
LAN							
	10/28 Design & Construction	500,000	1,000,000				
	Terminal Design	1,000,000	7,000,000				
	Reconstruct Twy H			270,000	4,300,000	4,300,000	

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AIRPORT	DESCRIPTION	2027	2028	2029	2030	2031	TOTAL
	Improve Term Pass. Boarding Bridge		2,000,000	2,000,000	2,000,000	1,000,000	
	Airport Development TBD					2,000,000	
	TOTAL						\$20,070,000
MARQUETTE, SAWYER SAW							
	Terminal Expansion	10,000,000	17,300,000				
	Rehabilitate Runway (Crack Sealing and Airfield Markings)			220,000			
	ARFF Equipment		1,110,000				
	SRE Equipment			1,000,000			
	Airport Development TBD			2,000,000	5,000,000	5,000,000	
	TOTAL						\$36,630,000
MUSKEGON COUNTY MKG							
	TWY A Construction	500,000					
	Master Plan		500,000	500,000			
	North GA Ramp			370,000	4,000,000		
	Airport Development TBD		1,000,000			1,000,000	
	TOTAL						\$6,870,000
PELLSTON REGIONAL OF EMMET COUNTY PLN							
	Design Rwy 5/23 Lighting						
	Construct Obstruction Removal (Off Airport-Rwy 23) and 32	955,000	740,000	1,740,000			
	Construct Rwy 5/23 Rehabilitation	5,400,000					
	Construct Rwy 5/23 Lighting	1,000,000					
	Airport Development TBD				2,000,000	2,000,000	
	TOTAL						\$11,835,000
SAGINAW, MBS INTERNATIONAL MBS							
	SMS Phase 1 RSA RWY 5-23	125,000					
	SMS Phase 2 RSA RWY 14-32	125,000					
	SRE Building Construction -Complete	1,000,000					
	Acquire SRE Friction Tester, Liquid Sprayer (Tow-Behind)	325,000					
	Perimeter Fencing Improvements		150,000	1,500,000			
	Airfield Drainage Study	500,000					
	Acquire SRE Multi-tasking Equipment		1,200,000				
	Airfield Pavement Markings			320,000			
	Acquire SRE Rotary Plow			900,000			
	Terminal Apron Rehab Design			120,000			
	Terminal Apron Rehab Construction				1,300,000		
	Perimeter Road -South -Side maintenance to GA Apron				2,500,000		
	De Icing Treatment System Design & Construction				2,000,000	2,000,000	
	Replace Passenger Boarding Bridges (4)					6,000,000	
	Obstruction Removal					150,000	
	TOTAL						\$12,065,000
SAULT STE MARIE CHIPPEWA COUNTY INTERNATIONAL CIU							
	Acquire Snow Removal Equipment-SRE	840,000					
	Acquire Snow Removal Equipment-SRE	902,500					

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AIRPORT	DESCRIPTION	2027	2028	2029	2030	2031	TOTAL
	T Hangar Design and Construction	500,000					
	Rehabilitate Runway Markings		125,000				
	Rehabilitate Runway-Crack Sealing Pavement		70,000				
	Rehabilitate Taxiway-B & B1-Design		500,000				
	Rehabilitate Taxiway-B & B1-Construction			2,050,000			
	Acquire Misc Equipment- Passenger Boarding Bridge IIA ATP		2,000,000				
	Airport Development TBD				1,000,000	1,000,000	
							\$6,987,500
TRAVERSE CITY, CHERRY CAPITAL TVC							
	Expand Terminal Building Phase 3 Conc B	5,000,000	17,000,000	17,000,000		5,000,000	
	Expand Terminal Building Phase 4 Checkpoint	5,100,000					
	Expand Terminal Building Phase 5 BHS	10,000,000					
	Terminal Apron Expansion East		3,100,000				
	Terminal Apron Expansion North			3,000,000			
	Taxiway G3 and G4				2,878,000		
	Airport Development TBD					1,000,000	
	TOTAL						\$63,078,000
	PRIMARY AIRPORT TOTALS:	\$147,212,500	\$192,975,000	\$210,140,000	\$191,208,000	\$151,580,000	\$690,535,500

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City	Airport Name	Description	2027	2028	2029	2030	2031	Total	
Adrian	Lenawee County	Expand Apron-Terminal Apron-Construction			2,510,000				
		Expand Apron-Terminal Apron-Design		180,000					
		Install Runway Visual Guidance System-Reimbursable Agreement for Replace Runway 5 REILs-N/A		10,000					
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 5/23 (Existing) Easements ~14 parcels-Construction							
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 5/23 (Existing) Easements ~14 parcels-Design							
		Reconstruct Taxilane-East Hangar Taxilane-Construction		390,000					
		Reconstruct Taxilane-East Hangar Taxilane-Design	50,000						
		Reconstruct Taxiway-A (Parallel for Rwy 5/23)-Construction	2,620,000						
Reconstruct Taxiway-A (Parallel for Rwy 5/23)-Design							\$	5,760,000	
Allegan	Padgham Field	Const/Improve/Rehab/Mod Hangar-Reimburse Hangar AIP-Construction	90,982						
		Const/Improve/Rehab/Mod Hangar-Replace Hangar Doors -Construction							
		Const/Improve/Rehab/Mod Hangar-Sponsor Reimbursement - BIL-Construction							
		Construct/Improve Fuel Farm-Jet A-Construction					220,000		
		Construct/Improve Fuel Farm-Jet A-Design					25,000		
		Construct/Modify/Improve/Rehab Hangar-Replace Hangar Doors-Design							
		Expand Terminal-T Hangar-Construction					470,000		
		Expand Terminal-T Hangar-Design					30,000		
		Install Perimeter Fencing (non 49 CFR 1542)-Perimeter Phase 1-Construction				238,000			
		Install Perimeter Fencing (non 49 CFR 1542)-Perimeter Phase 1-Design							
		Install Weather Reporting Equipment-AWOS-Construction		150,000					
		Reconstruct Apron-Terminal-Construction			340,000				
		Reconstruct Apron-Terminal-Design		40,000					
		Reconstruct Taxiway-Parallel Taxiway-Construction			719,000				
		Reconstruct Taxiway-Parallel Taxiway-Design		45,000					
		Rehabilitate Runway-11/29 (4300' x 75')-Construction							
		Seal Rwy Pavement Surface/Joints-Crack Seal and Remark-N/A			31,000			\$	2,428,982
Alma	Gratiot Community	Construct Terminal-N/A							
		Expand Terminal-6 Unit T-hangar-Design		42,000					
		Expand Terminal-T-hangar-Construction			730,000				
		Install Runway Visual Guidance System-Rwy 9/27 REILs-Construction							
		Reconst/Replace Aprt Lighting Vault-Construction							
		Rehabilitate Runway Lighting-18/36-Construction							
		Rehabilitate Runway Lighting-18/36-Design	20,000						
		Rehabilitate Runway Lighting-9/27-Construction							
Rehabilitate Taxiway Lighting-Construction							\$	792,000	
Ann Arbor	Ann Arbor Muni	Const/Rehab Non-Rev Park Lot (NH, MAP,NP)-Construction						394,000	
		Const/Rehab Non-Rev Park Lot (NH, MAP,NP)-Design						38,000	
		Construct Taxiway (capacity)-Hangar Taxilanes-Design						81,000	
		Extend Runway-6-24 & Twy A (to 4,225')-Construction							
		Improve/Modify Access Road-Airport Blvd.-Construction						547,000	
		Improve/Modify Access Road-Rehab Access Road-Construction						1,547,000	
		Improve/Modify Access Road-Rehab Access Road-Design						124,000	
		Install Runway Visual Guidance System-RWY 6 & 24 PAPI & REILS-Construction							
		Reconstruct Runway-Reconstruct Runway 6-24-Construction				9,723,000			
		Reconstruct Runway-Reconstruct Runway 6-24-Design			781,000				
		Reconstruct Taxiway Lighting- Reconstruct Taxiway A, B Lighting and Signage-Construction	1,867,000						
		Reconstruct Taxiway Lighting-Parallel A & B including signage-Design							
		Reconstruct Taxiway-Parallel A & B-Design							
		Reconstruct Taxiway-Reconstruct Taxiway A, B (BIL)-Construction	565,000						
		Reconstruct Taxiway-Reconstruct Taxiway A, B -Construction	6,982,000						
		Seal Apron Pavement Surface/Joints-Rehabilitate Apron (Crack Repair and Sealcoat)-Construction						276,000	
		Seal Apron Pavement Surface/Joints-Rehabilitate Apron (Crack Repair and Sealcoat)-Design						25,000	
Seal Taxiway Pavement Surface/Joints-Rehabilitate TWY B, C (Crack Repair & Sealcoat)-Construction		356,000							
Seal Taxiway Pavement Surface/Joints-Rehabilitate TWY B, C (Crack Repair & Sealcoat)-Design		45,000							
Shift or Reconfigure Existing Taxiway-Runway 24 Connectors-Construction							\$	23,351,000	
Atlanta	Atlanta Muni	Acquire Land for Approaches-Rwy 23-Land Acquisition					77,000		
		Construct Taxiway (standards)-A to Rwy 23-Construction							
		Construct Taxiway (standards)-A to Rwy 23-Design							
		Install Runway Visual Guidance System-RW 5-23 PAPIs-Construction	328,711		121,000	1,190,778			
		Install Runway Visual Guidance System-RW 5/23 PAPIs-Design							
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 5 (Parcel 13)-Construction							
		Reconstruct Runway-5/23-Construction	2,642,017						
		Reconstruct Runway-5/23-Design							
		Reconstruct Rwy Lighting-5/23-Construction	566,755						
		Reconstruct Rwy Lighting-5/23-Design							\$
Bad Axe	Huron County Memorial	Acquire Snow Removal Equipment-Loader and Broom-N/A			200,000				
		Construct Taxilane (Stds)-700' x 25' (Drainage & Restoration)-Construction							
		Construct Taxilane (Stds)-New General Aviation Hangar Access (700' x 25')-Construction							
		Expand Apron-New Terminal Apron Expansion -Construction				1,607,580			
		Expand Apron-New Terminal Apron Expansion -Design			146,144				
		Install Misc NAVAIDS-Relocate Runway 22 PAPI-Construction-Construction							
		Install Misc NAVAIDS-Relocate Runway 22 PAPI-Design							
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Airport Pavement Markings Program-Construction							
		Reconstruct Taxiway Lighting-A including new for Connectors B & E-Construction		2,133,372					
		Reconstruct Taxiway Lighting-A including new for Connectors B & E-Design	193,943						
		Rehabilitate Airport Rotating Beacon-Construction		86,728					
		Rehabilitate Airport Rotating Beacon-Design	7,885						
Seal Rwy Pavement Surface/Joints-Airport Crack Sealing Program-Construction							\$	4,375,652	
Battle Creek	Battle Creek Executive	Reconstruct Snow Removal Equipment-Carrier vehicle w/ Displacement Plow-N/A							
		Reconstruct Taxiway- A Pavement Only-Construction							
		Reconstruct Taxiway-A FAA Reimbursable Agreement -Construction			100,000				
		Reconstruct Taxiway-A FAA Reimbursable Agreement -Design		100,000					
		Reconstruct Taxiway-A Lighting and Signage-Construction							
		Reconstruct Taxiway-E Phase 1 Lighting and Signage-Construction				1,638,380			
		Reconstruct Taxiway-E Phase 1 Lighting and Signage-Design		119,160					
		Reconstruct Taxiway-E Phase 1 Pavement Only-Construction			6,000,590				
		Reconstruct Taxiway-E Phase 1 Pavement Only-Design		436,410					
		Rehabilitate Contract Tower-Replace Elevator-N/A							
Rehabilitate Contract Tower-Replace Fan Units-N/A							\$	8,394,540	
Bay City	James Clements Muni	Acquire Easement for Approaches-Rwy 23 (Parcel E11 - Additional work)-Land Acquisition							
		Install Taxiway Lighting-A - Reflectors-Construction	50,000						
		Install Taxiway Lighting-A - Reflectors-Design							
		Reconstruct Airport Drainage/Erosion Control-Rehab Stormwater Pump Station -Construction							
		Reconstruct Taxiway-A (proposed to TDG 1A)-Design							
		Reconstruct Taxiway-A (to proposed TDG 1A)-Construction	1,200,000						
		Reconstruct Taxiway-B-Construction				995,000			
		Reconstruct Taxiway-B-Design			60,000				
		Rehabilitate Runway-Paint Marking Rwy 18/36 & 5/23, Twys & Apron-Construction		58,500					
Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing-Construction		100,000					\$	2,463,500	
Beaver Island	Beaver Island	Construct Taxiway (standards)-Parallel to Runway 9-27-Construction				2,850,000			
		Construct Taxiway (standards)-Parallel to Runway 9-27-Design			200,000				
		Reconstruct Airfield Equipment-Windcone-Construction	80,000						
		Reconstruct Airport Rotating Beacon-Medium Intensity LED-Construction	80,000						
		Reconstruct Runway Visual Guidance System-Runway 9 & 27 PAPI, Windcone, Beacon-Design							
		Reconstruct Runway Visual Guidance System-Runway 9/27 PAPIs-Construction	430,000						
		Update Airport MP/ALP-ALP & Narrative Report-Planning		350,000					\$
Bellaire	Antrim County	Acquire Easement for Approaches-Runway 2 (4 Parcels TBD under Phase 2)-Land Acquisition	255,000						
		Acquire Easement for Approaches-Runway 2 (5 Parcels under Phase 1)-Land Acquisition					1,553,900		
		Extend Taxilane-Hangar Area-Construction							
		Extend Taxilane-Hangar Area-Design				127,100			
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 2 Approach (Proposed for 9 parcels)-Construction	257,000						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 2 Approach (Proposed for 9 parcels)-Design	21,000						
		Reconstruct Apron-Terminal Apron-Construction			2,219,800				
Reconstruct Apron-Terminal Apron-Design		141,200					\$	4,575,000	
Benton Harbor	Southwest Michigan Rgnl	Acquire Misc Equipment-Zero Emission Vehicles-N/A							
		Acquire Snow Removal Equipment-Carrier Vehicle w/ Displacement Plow-Construction							
		Acquire Snow Removal Equipment-Sweeper-Construction	300,000						
		Imp/Mod/Rehab Terminal Bldg (standards)-Construction							
		Reconstruct Apron-Terminal-Construction	5,000,000						
		Reconstruct Apron-Terminal-Design							
		Reconstruct Taxilane-W T-Hangar-Design							
		Reconstruct Taxiway-A-Construction			3,410,000				
		Reconstruct Taxiway-A-Design			270,000				
Rehabilitate Runway-Paint Marking-Construction									

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City	Airport Name	Description	2027	2028	2029	2030	2031	Total
		Rehabilitate Taxilane-W T-Hangar-Construction Seal Rwy Pavement Surface/Joints-Construction	1,000,000					\$ 9,980,000
Big Rapids	Roben-Hood	Const/Improve/Rehab/Mod Hangar-for 50' in front of sponsor-owned hangar-Construction Construct Taxiway (standards)-East Parallel to 9/27-Construction Construct Taxiway (standards)-East Parallel to 9/27-Design Construct Taxiway (standards)-East Parallel-Environmental Extend Runway-9 (to, 4,725') Sponsor reimbursement-Construction Reconstruct Apron-Terminal-Construction Reconstruct Apron-Terminal-Design Reconstruct Rwy Lighting-10/28-Construction Reconstruct Rwy Lighting-10/28-Design Reconstruct Taxilane-2 west Hangar Taxilanes-Construction Reconstruct Taxilane-2 west Hangar Taxilanes-Design Rehabilitate Runway-10/28-Construction Rehabilitate Runway-10/28-Design	278,000	95,000	1,175,000	100,000 235,000 175,000 1,300,000 103,000	2,925,000	
Bois Blanc Island	Bois Blanc Island	Install Airport Beacon-Construction Install Misc NAVAIDS-Windcone-Construction Install Perimeter Fencing (non 49 CFR 1542)-Construction Install Perimeter Fencing (non 49 CFR 1542)-Design Install Runway Visual Guidance System-Rwy 10-28 PAPIs & REILs-Construction Reconstruct Rwy Lighting-10-28 Including Signage-Construction Reconstruct Rwy Lighting-10-28-Design	73,000 28,000 330,000	490,000	203,000 17,500			\$ 7,736,000
Cadillac	Wexford County	Const/Improve/Rehab/Mod Hangar-4-Unit T-Hangar-Construction Const/Improve/Rehab/Mod Hangar-Replace doors on existing multi-tenant T-Hangar-N/A Construct Taxiway (standards)-Connector B (~300'x 25')-Construction Construct/Modify/Improve/Rehab Hangar-Bldg foundation & approaches (4-unit T-Hangar)-Construction Expand Terminal-Rehab Sponsor Owned Hngr Pvmt -620'x27', 103'x50'- Construction Expand Terminal-Rehab Sponsor Owned Hngr Pvmt -620'x27', 103'x50'-Design Reconstruct Runway-18/36 Turf-N/A Reconstruct Taxiway Lighting-Taxiway D-Construction Reconstruct Taxiway Lighting-Taxiway D-Design Reconstruct Taxiway Lighting-Taxiways A & B-Construction Reconstruct Taxiway Lighting-Taxiways A & B-Design Reconstruct Taxiway-Taxiway D - 350' x 35'-Construction Reconstruct Taxiway-Taxiway D - 350' x 35'-Design Rehabilitate Taxilane-East T-Hangars (850 ft x 25')-Construction Rehabilitate Taxilane-East T-Hangars (850 ft x 25')-Design Rehabilitate Taxiway-Taxiways A (350'x35', 300'x35') & B (660'x35')-Construction Rehabilitate Taxiway-Taxiways A (350'x35', 300'x35') & B (660'x35')-Design	470,000 12,500 15,000	165,000	225,000 15,000 285,000 15,000 265,000 12,500	425,000 19,500		\$ 2,144,500
Caro	Tuscola Area	Acquire Snow Removal Equipment-Sweeper Broom Attachment-N/A Const/Rehab/Mod/Exp SRE Building-Construction Const/Rehab/Mod/Exp SRE Building-Design Const/Rehab/Mod/Exp SRE Building-Sitework-Construction Const/Rehab/Mod/Exp SRE Building-Sitework-Design Construct Runway (standards)-11/29 Justification Study-Planning Construct/Modify/Improve/Rehab Hangar-6-Unit T-hangar-Construction Construct/Modify/Improve/Rehab Hangar-6-Unit T-hangar-Design Reconstruct Apron-Terminal-Construction Reconstruct Apron-Terminal-Design Rehabilitate Runway-Pavement Marking-Construction Seal Rwy Pavement Surface/Joints-Crack Sealing-Construction		35,000	50,000	80,000	960,000	\$ 1,753,000
Charlevoix	Charlevoix Muni	Acquire Snow Removal Equipment-Carrier Vehicle (Tractor)-N/A Acquire misc Land-Railroad ROW-N/A Construct/Modify/Improve/Rehab Hangar-Box Hangar Development-N/A Construct/Modify/Improve/Rehab Hangar-Nested Hangar Development-N/A Reconstruct Perimeter Fencing (49 CFR 1542)-Access Gate Security Upgrades-Construction Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing & Paint Marking-N/A Update Airport MP/ALP-ALP & Narrative Report-N/A	100,000	300,000 500,000	130,000			\$ 1,030,000
Charlotte	Fitch H Beach	Expand Terminal-6-Unit T-Hangar-Construction Expand Terminal-6-Unit T-Hangar-Design Install Perimeter Fencing (non 49 CFR 1542)-Entrance Area-Construction Rehabilitate Apron-Terminal-Construction		45,000	765,000			\$ 810,000
Cheboygan	Cheboygan County	Const/Improve/Rehab/Mod Hangar-Apron & Taxilane -Design Const/Improve/Rehab/Mod Hangar-Reconstruct T-Hangar Aprons-Construction Install Runway Visual Guidance System-FAA Flight Check Reimbursement-N/A Reconstruct Airfield Signage/Markings-Rwy 10/28, Rwy 17-35, Twy A, Twy B, GA Apron, Hngr-Construction Reconstruct Apron-Terminal (165'x300')-Construction Reconstruct Apron-Terminal (35'x300', 165'x450', 165'x300')-Design Reconstruct Apron-Terminal Apron (35'x300', 165'x450', 255' x 165')-Construction Reconstruct Taxilane-T-Hangar Taxiways-Construction Reconstruct Taxiway Lighting-B including signs, cable, counterpoise & regulator-Construction Reconstruct Taxiway Lighting-B including signs, cable, counterpoise & regulator-Design Rehabilitate Runway-10/28 (4,000' x 75')-Construction Rehabilitate Runway-10/28 (4,000' x 75')-Design Seal Rwy Pavement Surface/Joints-Rwy 10/28, Rwy 17-35, Twy A, Twy B, GA Apron, Hngr-Construction Shift or Reconfigure Existing Taxiway-B (1,200' x 35')-Construction Shift or Reconfigure Existing Taxiway-B (1,200' x 35')-Design		27,000	330,000 27,500 40,000 32,000	1,200,000 70,000 500,000		\$ 2,226,500
Clare	Clare Muni	Const/Improve/Rehab/Mod Hangar-Apron (Sponsor-owned, 50' or less pavement)-Construction Extend Runway-4/22-Environmental Extend Runway-4/22-Preliminary Engineering-N/A Install Runway Visual Guidance System-Runway 4-22 LED PAPIs (4-box)-Construction Reconstruct Taxilane-South Taxilane -Construction Rehabilitate Runway-4/22-Construction Rehabilitate Runway-4/22-Design Update Airport MP/ALP-ALP Update-Planning	330,000	87,500			200,000 60,000	\$ 1,027,500
Coldwater	Branch County Memorial	Install Taxiway Lighting-Phase 1 (Twy B, 5 connectors, Twys west of apron)-Construction Install Taxiway Lighting-Phase 1 (Twy B, 5 connectors, Twys west of apron)-Design Install Taxiway Lighting-Phase 2 (Terminal Apron, Twy A, 2 connectors)-Construction Install Taxiway Lighting-Phase 2 (Terminal Apron, Twy A, 2 connectors)-Design Rehabilitate Runway-Pavement Marking-Construction Seal Rwy Pavement Surface/Joints-Crack Sealing-Construction	970,000 32,000 68,000	35,000	455,000	36,000 68,000		\$ 1,664,000
Detroit / Grosse	Grosse Ile Muni	Acquire Easement for Approaches-Rwy 22-N/A Imp/Mod/Rehab Terminal Bldg (standards)-FBO Terminal Upgrades and Gate Replacement-Construction Imp/Mod/Rehab Terminal Bldg (standards)-FBO Terminal Upgrades and Gate Replacement-Design Imp/Mod/Rehab Terminal Bldg (standards)-Terminal Building Study-Planning Reconstruct Runway-17-35 Phase II-Construction Reconstruct Runway-17-35-Construction Reconstruct Runway-17-35-Design Reconstruct Rwy Lighting-17-35 -Construction Reconstruct Rwy Lighting-17-35 Phase II-Construction Reconstruct Rwy Lighting-17-35-Design Reconstruct Taxiway Lighting-A2-Construction Reconstruct Taxiway Lighting-A2-Design Reconstruct Taxiway-A West-Construction Reconstruct Taxiway-A2-Construction Shift or Reconfigure Existing Runway-17-35-Planning		7,128,450 526,415	7,128,450 526,415	374,000 723,000 84,000 20,000 23,000 74,000		\$ 17,561,730
Dowagiac	Dowagiac Muni	Const/Improve/Rehab/Mod Hangar-Approach Pavement-Construction Const/Improve/Rehab/Mod Hangar-Box hangar-N/A Rehabilitate Apron-Construction Rehabilitate Runway-9/27 -Construction Rehabilitate Runway-9/27 -Design Rehabilitate Taxilane-Construction Rehabilitate Taxiway-Construction Rehabilitate Taxiway-including Terminal Apron & Taxilanes-Design		575,000				\$ 575,000
Frankfort	Frankfort Dow Memorial Field	Acquire Easement for Approaches-Rwy 15 (E32 & E36) Partial Reimbursement #6-Land Acquisition Acquire Easement for Approaches-Rwy 15 (E32 & E36) Partial Reimbursement #7-Land Acquisition Acquire Easement for Approaches-Rwy 15 (E32 & E36) Partial Reimbursement #8-Land Acquisition Acquire Easement for Approaches-Rwy 15 (E32 & E36) Partial Reimbursement #9-Land Acquisition Extend Runway-Relocate Rwy 33 Threshold-Design Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 15 (Parcel E32 & E36)-Construction Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 15 (Parcel E32 & E36)-Design Reconstruct Rwy Lighting-Runway 15-33-Design	166,667	136,355	53,000	78,000		

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City	Airport Name	Description	2027	2028	2029	2030	2031	Total
		Seal Rwy Pavement Surface/Joints-Rwy 15-33, Terminal Apron and Hangar Taxilanes-Land Acquisition			38,000			\$ 472,022
Fremont	Fremont Municipal	Extend Taxiway (Capacity)-Partial Parallel to 10-28-Construction Extend Taxiway (Capacity)-Partial Parallel to 10-28-Design Install Runway Visual Guidance System-Rwy 1/19 REIL F/Check Sponsor Reimbursement-N/A Rehabilitate Apron-Terminal-Construction Rehabilitate Apron-Terminal-Design Rehabilitate Runway-10-28 Phase 1 (West)-Construction Rehabilitate Runway-10-28 Phase 1 (West)-Design Rehabilitate Runway-10-28 Phase 2 (East)-Construction Rehabilitate Runway-10-28 Phase 2 (East)-Design	1,055,000 70,000	950,000	150,000	2,060,000 80,000	1,100,000	
Gaylord	Gaylord Rgnl	Acquire Snow Removal Equipment-Blower with Carrier Vehicle-Construction Acquire Snow Removal Equipment-Blower with Carrier Vehicle-Design Acquire/Install/Rehab Emergency Generator-N/A Install Weather Reporting Equipment-AWOS III-N/A Rehabilitate Runway Lighting-18/36-Construction Rehabilitate Runway Lighting-18/36-Design Rehabilitate Taxiway-A (Parallel to Runway 9/27) -Design Rehabilitate Taxiway-A (Parallel to Runway 9/27)-Construction	140,000 262,000 1,715,000	16,000	233,245			\$ 5,465,000
Gladwin	Gladwin Zettel Muni	Construct/Modify/Improve/Rehab Hangar-4-Unit T-Hangar-Construction Rehabilitate Apron-Terminal-Construction Rehabilitate Runway-9/27-Construction Rehabilitate Runway-9/27-Design Rehabilitate Runway-Airfield Paint Marking-Construction Rehabilitate Runway-Crack Seal and Remarking-Design Rehabilitate Taxiway-Parallel Twy C, Connector Twy A & Twy H-Construction Rehabilitate Taxiway-Taxiways & Terminal Apron-Design Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing-Construction	51,050 10,000 31,750	150,000	2,160,000	355,000 1,490,000		\$ 2,366,245
Grand Haven	Grand Haven Meml Airport	Acquire Easement for Approaches-Rwy 27 (Parcels E65 & E66) -Land Acquisition Construct Taxilane (Capacity)-T-Hangar Sitework-Construction Construct/Modify/Improve/Rehab Hangar-6 Unit T-Hangar (BIL will fund 3 units)-Construction Expand Terminal-6 Unit T-Hangar (AIP will fund 3 units)-Construction Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 27 (Parcels E65 & E66) -N/A Reconstruct Taxiway-A (Parallel to Rwy 9/27)-N/A Seal Taxilane Pavement Surface/Joints-N/A	135,000	81,000	427,000	258,400		\$ 4,387,800
Grand Ledge	Abrams Muni	Acquire Land for Approaches-Parcel 10 Consultant & Overage Reimbursement-Land Acquisition Acquire Land for Approaches-Parcel 11 Consultant & Overage Reimbursement-Land Acquisition Acquire Land for Approaches-Runway 27, Parcel 10-Land Acquisition Acquire Land for Approaches-Runway 27, Parcel 11-Land Acquisition Construct/Modify/Improve/Rehab Hangar-6-Unit T Hangar-Construction Construct/Modify/Improve/Rehab Hangar-6-Unit T Hangar-Design Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 27 Approach Tree Removal-Construction Reconstruct Taxilane-Midfield Hangar Area-Construction Reconstruct Taxilane-Midfield Hangar Area-Design				90,000	1,260,000	
Greenville	Greenville Muni	Acquire Land for Approaches-Runway 36 (Parcel 12)-Land Acquisition Construct/Modify/Improve/Rehab Hangar-3-Unit T-Hangar (Building portion)-Construction Obstruction Marking/Lighting/Removal (Non-Hazard)-Obstruction Removal Runway 10-Construction Obstruction Marking/Lighting/Removal (Non-Hazard)-Obstruction Removal Runway 36-Construction Obstruction Marking/Lighting/Removal (Non-Hazard)-Obstruction Removal Runway 36-Design Rehabilitate Runway-Remark Runway 10-28, Apron and Taxilanes-Construction Rehabilitate Taxiway-A (3,100' x 35'), A1 (185' x 35') & A2 (185' x35')-Construction Rehabilitate Taxiway-A (3,100' x 35'), A1 (185' x 35') & A2 (185' x35')-Design Seal Rwy Pavement Surface/Joints-Runway 10/28, T-Hangar Taxiways-Construction	357,500 15,000 45,000 88,000	27,000	812,500			\$ 1,890,000
Hart/Shelby	Oceana County	Acquire Easement for Approaches-Rwy 33 (Parcels E22 & E23)-Land Acquisition Acquire Easement for Approaches-Rwy 9/27 (Parcels E19-E21)-Land Acquisition Acquire Snow Removal Equipment-Carrier vehicle w/ attachments-N/A Construct Taxiway (standards)-Construct Taxiway A and Connector (550' x 35')-Construction Construct Taxiway (standards)-Construct Taxiway A and Connector (550' x 35')-Design Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 27 (Parcel E20)-Construction Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 33 (Parcels E22 & E23)-Construction Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 33 (Parcels E22 & E23)-Design Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 9/27 Part 77 Primary Surface Grading-Construction Rehabilitate Runway-Airfield remarking-Construction Rehabilitate Taxiway-Taxiway A (East Partial) & Hangar Taxilane -Construction Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing-Construction Seal Rwy Pavement Surface/Joints-Runway 9/27, Taxiways A and B, Apron and Taxilanes-Construction	171,000 100,000 10,000 23,750 107,500 71,250		35,000	630,000		\$ 1,345,000
Hastings	Hastings	Const/Improve/Rehab/Mod Hangar-Construction Const/Improve/Rehab/Mod Hangar-Design Extend Taxiway (Std)-A-Construction Extend Taxiway (Std)-A-Design Extend Taxiway (Std)-A-Environmental Install Weather Reporting Equipment-AWOS III-N/A Rehabilitate Access Road-Construction Rehabilitate Access Road-Design	51,000	629,000		40,000	460,000	\$ 1,148,500
Hillsdale	Hillsdale Muni	Const/Rehab Non-Rev Park Lot (NH, MAP,NP)-Terminal - Phase 2 (East)-Construction Const/Rehab/Mod/Exp SRE Building-Construction Const/Rehab/Mod/Exp SRE Building-Design Construct Taxilane (Std)-Construct Taxilane and T-Hangar-Construction Construct Taxilane (Std)-Including T-Hangars-Design Construct Taxiway (standards)-Parallel Taxiway C - Phase 3 (East)-Construction Construct Taxiway (standards)-Parallel Taxiway C - Phase 3 (West)-Construction Construct Taxiway (standards)-Parallel Taxiway C - Phase 3-Design Expand Apron-Expand Terminal Apron-Construction Expand Apron-Expand Terminal Apron-Design Update Airport MP/ALP-Update Airport Layout Plan-Planning	2,200,000 1,466,600 1,466,600 120,000 370,000	100,000		1,215,100		\$ 1,412,500
Holland	West Michigan Rgnl	Extend Taxiway (Capacity)-South Taxiway-Construction Extend Taxiway (Capacity)-South Taxiway-Design Install Runway Visual Guidance System-Runway 8-26 PAPIs-Construction Install Runway Visual Guidance System-Runway 8-26 PAPIs-Design Reconstruct Apron-West Overflow Apron-Construction Reconstruct Apron-West Overflow Apron-Design Rehabilitate Taxiway-A-Construction Rehabilitate Taxiway-A-Design	490,900 2,662,500	134,035	1,667,965	203,100	1,696,900	\$ 6,855,400
Houghton Lake	Roscommon County, Blodgett Memorial	Acquire Snow Removal Equipment-Multi-Tasking Equipment-N/A Const/Rehab Non-Rev Park Lot (NH, MAP,NP)-Construction Const/Rehab Non-Rev Park Lot (NH, MAP,NP)-Design Construct Taxilane (Std)-Design Construct/Improve Fuel Farm-Construction Construct/Improve Fuel Farm-Design Expand Terminal-4 Unit T-Hangar-Construction Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 36-Construction		45,000	680,000	315,000	187,000 15,000	\$ 1,412,000
Howell	Livingston County-Spencer J. Hardy	Acquire Snow Removal Equipment-FE Loader-Construction Expand Terminal-Water Main Expansion Project -Construction Expand Terminal-Water Main Expansion Project -Design Reconstruct Taxiway-Taxilane 1 and South Taxilane/Apron-Construction Reconstruct Taxiway-Taxiway C, Taxilane 1, South Apron, Service Road-Design Reconstruct Taxiway-Taxiway C-Construction Rehabilitate Access Road-Rehabilitation of Access Drive-Construction Rehabilitate Runway-Joint Sealant and Rehabilitation-Construction Seal Rwy Pavement Surface/Joints-Joint Sealant and Rehabilitation-Design Seal Taxiway Pavement Surface/Joints-Airfield Crack Sealing-Construction Seal Taxiway Pavement Surface/Joints-Airfield Mastic Sealing -Construction Update Airport MP/ALP-ALP Update-Planning	536,940 1,244,000 622,000 740,160 500,000	1,107,000 82,000	650,000			\$ 5,482,100
Ionia	Ionia County	Rehabilitate Runway-10/28-Construction Rehabilitate Taxiway-Parallel for Rwy 9/27-Construction Rehabilitate Taxiway-Parallel for Rwy 9/27-Design Rehabilitate Terminal Parking Lot-Terminal Parking Lot-Construction Rehabilitate Terminal Parking Lot-Terminal Parking Lot-Design Seal Rwy Pavement Surface/Joints-Airfield Wide-Construction Shift Taxiway-(1 connector) 150 feet -Construction Update Airport MP/ALP-ALP Update-Planning	127,500 12,500	1,355,000 100,000		43,000	225,000	\$ 1,863,000

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City	Airport Name	Description	2027	2028	2029	2030	2031	Total
Ironwood	Gogebic-Iron County Airport	Acquire Snow Removal Equipment-Plow Truck and 24-foot Plow-N/A	700,000					
		Acquire Snow Removal Equipment-Rotary Plow & Carrier Vehicle - Bid Package-Design						
		Acquire Snow Removal Equipment-Rotary Plow & Carrier Vehicle-N/A						
		Const/Rehab/Mod/Exp SRE Building-Improve Existing-Construction		200				
		Const/Rehab/Mod/Exp SRE Building-Improve Existing-Design	200					
		Const/Rehab/Mod/Exp SRE Building-Space Allocation & Eligibility Study-N/A						
		Expand Apron (Stds)-GA-Construction		370,000				
		Expand Apron (Stds)-GA-Design	30,000					
								\$ 1,100,400
Jackson	Jackson Cnty - Reynolds Fld	Acquire Snow Removal Equipment-Tractor Carrier Vehicle with Snow Blower-N/A						
		Const/Imp/Rehab Heli-pad/Heliport-Vertiport-N/A				1,000,000		
		Extend Taxiway (Capacity)-F-N/A				2,340,000		
		Imp/Mod/Rehab Terminal Bldg (standards)-Phase 2-N/A						
		Reconstruct Apron-Auxiliary-Construction	1,608,000					
		Reconstruct Apron-Auxiliary-Design						
		Reconstruct Rwy Lighting-14-32-Design					50,000	
		Reconstruct Taxilane-East Hangar Area-Construction	300,000					
		Reconstruct Taxilane-East Hangar Area-Design						
		Reconstruct Taxiway-F and SW Hangar Area Taxilanes-Construction			1,410,000			
		Reconstruct Taxiway-F and SW Hangar Area Taxilanes-Design		90,000				
		Rehabilitate Contract Tower-Phase 2-N/A						
		Rehabilitate Runway-14-32-Design					230,000	
		Rehabilitate Runway-Airfield Pavement Marking-Construction			120,000			
		Seal Rwy Pavement Surface/Joints-Airfield crack sealing-Construction			35,000			
		Shift Taxiway-Aux Apron Entrance-Construction	282,000					
Lakeview	Lakeview Airport-Griffith Field	Shift Taxiway-Aux Apron Entrance-Design						
		Update Airport MP/ALP-Planning						\$ 7,465,000
		Acquire Easement for Approaches-Runway 10 Approach-Land Acquisition	311,100					
		Install Perimeter Fencing (non 49 CFR 1542)-(for people/vehicle deterrent)-Construction						
		Install Perimeter Fencing (non 49 CFR 1542)-(for people/vehicle deterrent)-Design						
		Rehabilitate Runway-10-28 (3,501' x 75')-Construction			1,190,000			
		Rehabilitate Runway-Airfield Marking-Construction		33,500				
		Rehabilitate Taxiway-A (875'x35', 400'x35', 775'x35') & A2 (187'x35')-Design	46,000					
		Rehabilitate Taxiway-Taxiway A (875'x35', 200'x35', 400'x35', 775'x35')-Construction		825,000				
		Seal Rwy Pavement Surface/Joints-Runway 10/28-Construction		49,850				
								\$ 2,455,450
Lapeer	DuPont-Lapeer	Acquire Snow Removal Equipment-Carrier Vehicle w/ Blower & Plow attachments-N/A						
		Construct/Improve Fuel Farm-100LL and Jet-A-Construction				515,000		
		Construct/Improve Fuel Farm-100LL and Jet-A-Design			35,000			
		Reconstruct Apron-Terminal-Construction		655,000				
		Reconstruct Apron-Terminal-Design	45,000					
		Reconstruct Guidance Signs-Construction		110,000				
		Reconstruct Guidance Signs-Design	10,000					
		Reconstruct Taxiway-A-Construction		1,175,000				
		Reconstruct Taxiway-A-Design	85,000					
		Rehabilitate Runway-Pavement Marking-Construction	17,000					
		Seal Rwy Pavement Surface/Joints-Crack Sealing-Construction	34,000					
								\$ 2,681,000
Ludington	Mason County	Construct Taxiway (standards)-B and A5-Construction		1,437,500				
		Construct Taxiway (standards)-B and A5-Design	86,250					
		Install Runway Visual Guidance System-PAPI Runway 8 Flight Check (Sponsor Reimbursement)-N/A						
		Install Runway Visual Guidance System-Replace PAPI, Runway 1 and 19-Construction		142,500				
		Install Runway Visual Guidance System-Replace PAPI, Runway 1 and 19-Design	20,000					
		Install Runway Visual Guidance System-Replace PAPI, Runway 1 and 19-N/A			25,000			
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Obstruction Removal Runway 26-Design						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 26 (Parcel E26)-N/A						
		Reconstruct Airport Rotating Beacon-Design			12,500			
		Reconstruct Airport Rotating Beacon-Reconstruct Airport Beacon-Construction			175,000			
		Reconstruct Rwy Lighting-1/19-Construction		260,000				
		Reconstruct Rwy Lighting-1/19-Design	22,500					
		Reconstruct Rwy Lighting-8/26-Construction						
		Reconstruct Rwy Lighting-Runway 8-26 Lighting (Sta 140+69 to 155+70)-Construction						
		Shift or Reconfigure Existing Runway-1/19-Construction		1,312,500				
		Shift or Reconfigure Existing Runway-1/19-Design	60,000					
								\$ 3,553,750
Mackinac Island	Mackinac Island	Acquire Snow Removal Equipment-Carrier Vehicle w/ Attachments-N/A				166,667		
		Construct Taxilane (Stds)-For Box Hangar-Construction						
		Rehabilitate Apron-Design		60,000				
		Rehabilitate Apron-Terminal-Construction			946,900			
Manistee	Manistee County - Blacker							\$ 1,173,567
		Acquire ARFF vehicle (Part 139)-Class 4-N/A		800,000				
		Acquire Land for Approaches-Parcel 38 Additional Reimbursement-N/A					20,000	
		Acquire Snow Removal Equipment-Replace Plow Truck-N/A	612,000					
		Const/Improve/Rehab/Mod Hangar-Replace T-Hangar Doors (10-unit)-N/A						
		Expand Terminal Bldg (standards)-& Rehab Comm Service Terminal-Construction						
		Expand Terminal Bldg (standards)-Terminal Study-Planning						
		Expand Terminal Bldg (standards)-including Rehab Comm Service Terminal-Design						
		Install Taxiway Lighting-VOID-Design						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 28 (Parcel 38)-N/A			89,000		100,000	
		Reconstruct Taxiway Lighting-Parallel A and Connectors C & F-Construction	1,691,000					
		Reconstruct Taxiway Lighting-Taxiways A, C, & F (5,500')-Design						
		Reconstruct Taxiway-Parallel A and Connectors C-Construction	4,222,000					
		Reconstruct Taxiway-Parallel A and Connectors C-Design						
		Seal Rwy Pavement Surface/Joints-Airfield Sealing & Marking-N/A			115,500			
		Seal Rwy Pavement Surface/Joints-Crack Seal and Remark-N/A						
		Shift or Reconfigure Existing Taxiway-Connector F (from Apron) -Design						
		Shift or Reconfigure Existing Taxiway-Connector F (from Apron)-Construction	1,237,500					
Manistique	Schoolcraft County							\$ 8,887,000
		Acquire Snow Removal Equipment-Carrier vehicle w/ rotary plow attachment-Construction						
		Acquire Snow Removal Equipment-Loader with Blower-Design					25,000	
		Install Airport Beacon-Construction						
		Reconstruct Rwy Lighting-10/28 Including Signage & Beacon-Design						
		Reconstruct Rwy Lighting-10/28-Construction	485,000					
		Rehabilitate Runway-10/28-Construction						
		Seal Rwy Pavement Surface/Joints-Airfield Sealing & Marking-N/A					35,000	
								\$ 545,000
Marlette	Marlette Township	Const/Rehab/Mod/Exp SRE Building-SRE Building Expansion-Construction			853,875			
		Construct/Modify/Improve/Rehab Hangar-SRE Building Expansion-Design		78,000				
		Reconstruct Taxilane-(3 - A, B & C) Hangar Area -Construction						
		Reconstruct Taxilane-(3 - A, B & C) Hangar Area BIL-Construction						
		Rehabilitate Apron-Apron -Construction					1,152,000	
		Rehabilitate Apron-Design						
		Rehabilitate Runway-1/19-Construction			3,737,000	103,000		
		Rehabilitate Runway-1/19-Design		306,000				
								\$ 6,229,875
Marshall	Brooks Field	Acquire Land for Approaches-Runway 28 RPZ-Land Acquisition			165,000			
		Construct Taxilane (Stds)-Hangar Area-Construction	265,000					
		Construct Taxilane (Stds)-Hangar Area-Design						
		Construct/Modify/Improve/Rehab Hangar-Main Hangar (roof & gutters)-Construction						
		Construct/Modify/Improve/Rehab Hangar-Main Hangar Roof & Gutters-Design						
		Rehabilitate Runway-Airfield Pavement Marking-Construction		14,000				
		Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing-Construction		33,000				
		Update Airport MP/ALP-Airport Layout Plan-Planning						
		Update Airport MP/ALP-Exhibit A-Planning						
								\$ 477,000
Mason	Mason Jewett Field							
		Construct Terminal-Design						
		Construct Terminal-N/A						
		Reconstruct Apron-Phase 2 West (4111 SYD)-Construction						
		Reconstruct Apron-Terminal - Phase 2 (West) - NPE-Construction	581,405					
		Reconstruct Runway-10-28-Construction			4,021,760			
		Reconstruct Runway-10-28-Design		325,000				
		Reconstruct Rwy Lighting-10-28-Construction			1,005,440			
		Reconstruct Taxiway-B-Construction		5,300,000				
		Reconstruct Taxiway-B-Design				260,000		
								\$ 11,493,605
Menominee	Menominee Regional							
		Acquire Easement for Approaches-Runway 14/32 (Parcels TBD)-Land Acquisition						
		Aero Survey for RNAV approach-14-32-Planning						
		Imp/Mod/Rehab Terminal Bldg (standards)-Construction						
		Imp/Mod/Rehab Terminal Bldg (standards)-Design						
		Imp/Mod/Rehab Terminal Bldg (standards)-Planning						
		Install Runway Visual Guidance System-RA for 14/32 NAVAIDS-N/A					400,000	
		Reconstruct Runway-14/32 Phase 2-Design				200,000		
		Reconstruct Runway-14/32-Construction					3,500,000	

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City	Airport Name	Description	2027	2028	2029	2030	2031	Total
		Reconstruct Rwy Lighting-14/32 MIRL-Construction				60,000	800,000	
		Reconstruct Rwy Lighting-14/32 MIRL-Design						
		Reconstruct Taxiway Lighting-A, B (partial), F and Electrical Vault-Construction			1,410,000			
		Reconstruct Taxiway Lighting-A, B (partial), F and Electrical Vault-Design		90,000				
		Rehabilitate Runway-3/21 Pavement Marking-N/A		40,000				
		Rehabilitate Taxiway-A, B (partial), F-Construction			3,860,000			
		Rehabilitate Taxiway-A, B (partial), F-Design		210,000				
		Shift or Reconfigure Existing Runway-14/32 Phase 1- Relocate 32 Threshold-Construction	283,000					
		Shift or Reconfigure Existing Runway-14/32 Phase 1- Relocate 32 Threshold-Design					1,500,000	
		Shift or Reconfigure Existing Taxiway-E-Construction						
		Shift or Reconfigure Existing Taxiway-E-Design				120,000		\$ 12,473,000
Midland	Jack Barstow	Acquire Easement for Approaches-Runway 24 (5 parcels)-Land Acquisition	580,560					
		Acquire Easement for Approaches-Runway 6 (6 parcels)-Land Acquisition						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 6 & 24 -Construction	214,500					
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 6 & 24 -Design	15,500					
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 24 (9 acres On-Airport)-Design						
		Reconstruct Airfield Signage/Markings-Taxiway & Apron Pavement Markings-Construction				2,443,750		
		Reconstruct Runway-6-24-Construction				481,900	481,900	
		Reconstruct Rwy Lighting-6-24-Construction				38,100		
		Reconstruct Rwy Lighting-6-24-Design						
		Reconstruct Taxiway-B-Construction			1,037,000			
		Reconstruct Taxiway-B-Design		83,000				
		Rehabilitate Runway-6-24-Construction					2,138,000	
		Rehabilitate Runway-6-24-Design				172,000		\$ 7,686,210
Mio	Oscoda County Dennis Kauffman Memorial	Acquire Easement for Approaches-Rwy 10 - Ph. 1 (Parcels F-A, F-B, & F-O)-Land Acquisition	195,000					
		Acquire Easement for Approaches-Rwy 10 - Ph. 2 (Parcels F-D, F-F, & F-V)-Land Acquisition			695,000			
		Construct/Modify/Improve/Rehab Hangar-Construction						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 10 Approach Clearing-Construction					255,000	
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 10 Approach Clearing-Design				25,000		
		Rehabilitate Runway-Airfield Pavement Marking-Construction		31,000				
		Rehabilitate Runway-Airfield Pavement Marking-Design		5,000				
		Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing-Construction		23,000				
		Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing-Design		5,000				\$ 1,234,000
Monroe	Custer	Install Runway Visual Guidance System-Rwy 3 PAPI-Construction					900,000	
		Install Runway Visual Guidance System-Rwy 3 PAPI-Design				80,000		
		Reconstruct Rwy Lighting-3-21-Construction		73,667				
		Reconstruct Rwy Lighting-3-21-Design	103,000					
		Reconstruct Rwy Lighting-3/21-Construction		1,362,833				
		Rehabilitate Runway-3/21-Construction					5,882,000	
		Rehabilitate Runway-3/21-Design						
		Rehabilitate Taxiway-A (Parallel to Rwy 3/21) -Construction	2,000,000			230,000		
		Rehabilitate Taxiway-A (Parallel to Rwy 3/21)-Construction						
		Update Airport MP/ALP-New ALP & narrative report-Planning						\$ 10,631,500
Mount Pleasant	Mount Pleasant Muni	Acquire Snow Removal Equipment-Carrier Vehicle (Loader) w/ Blower Attachment-N/A						
		Acquire Snow Removal Equipment-Pull Behind Broom (for existing carrier vehicle)-N/A						
		Reconstruct Apron-GA-Design					138,250	
		Reconstruct Rwy Lighting-9-27-Construction				888,740		
		Reconstruct Rwy Lighting-9-27-Design			71,260			
		Reconstruct Taxilane-T-Hangar Taxilanes-Construction		1,342,850				
		Reconstruct Taxilane-T-Hangar Taxilanes-Design	107,150					
		Rehabilitate Runway-9/27 (5000' x 100')-Construction						\$ 2,548,250
New Hudson	Oakland Southwest	Acquire Easement for Approaches-Runway 8/26 - Phase 1, BIL-Land Acquisition						
		Acquire Easement for Approaches-Runway 8/26 - Phase 1, NPE-Land Acquisition						
		Acquire Easement for Approaches-Runway 8/26 - Phase 2, NPE and SA-Land Acquisition	2,769,000					
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 8/26 Approach Clearing - Phase 2-Construction		540,000				
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 8/26 Approach Clearing - Phase 2-Design		40,000				
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Wetland Mitigation - Phase 1-Environmental						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Wetland Mitigation - Phase 2-Environmental		270,000				
		Reconstruct Runway-8/26-Construction				6,280,000		
		Reconstruct Runway-8/26-Design			400,000			
		Reconstruct Rwy Lighting-8/26 MIRL-Construction				2,175,000		
		Reconstruct Rwy Lighting-8/26 MIRL-Design			155,000			\$ 12,629,000
Newberry	Luce County	Conduct Environmental Study-Rwy 18/36-Environmental				110,000		
		Const/Rehab/Mod/Exp SRE Building-Replace siding, doors, windows, and roof-Construction						
		Const/Rehab/Mod/Exp SRE Building-Replace siding, doors, windows, and roof-Design						
		Construct Runway (capacity)-18/36-Construction				7,300,150		
		Construct Runway (capacity)-18/36-Design				225,000		
		Construct Terminal-Rehabilitate Terminal Building-Construction						
		Construct Terminal-Rehabilitate Terminal Building-Design						
		Rehabilitate Apron-Terminal & Taxiway-Design						
		Rehabilitate Apron-Terminal-Construction						
		Rehabilitate Taxiway-Taxiway A & Taxilane-Construction						\$ 7,635,150
Niles	Jerry Tyler Memorial	Acquire Easement for Approaches-RWY 15-N/A	250,000					
		Acquire Easement for Approaches-RWY 33 (Parcels E22, E23, E28, E29)-Land Acquisition						
		Acquire Easement for Approaches-Rwy 33 (Parcels E28, E29, E30)-N/A						
		Expand Terminal-T-hangar-Construction				472,000		
		Expand Terminal-T-hangar-Design				30,000		
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 33 Ph 2-Design						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 33 Phase 2-Construction						
		Reconstruct Runway-15/33-Construction						
		Reconstruct Runway-15/33-Design						
		Rehabilitate Taxilane-Hangar Access (Box Hangars #10 - #13)-Construction				318,000		
		Rehabilitate Taxilane-Hangar Access (Box Hangars #10 - #13)-Design				32,000		
		Shift or Reconfigure Existing Taxiway-Construction						\$ 1,102,000
Ontonagon	Ontonagon County - Schuster Field	Acquire Snow Removal Equipment-Tractor Carrier Vehicle w/ attachments -N/A	166,666					
		Construct/Improve Fuel Farm-Tank Expansion/Conversion-Construction				316,000		
		Construct/Improve Fuel Farm-Tank Expansion/Conversion-Design				24,000		
		Imp/Mod/Rehab Terminal Bldg (standards)-N/A						
		Install Runway Visual Guidance System-Rwy 17 & 35 REIL-N/A						
		Install Weather Reporting Equipment-AWOS Site Work Design and Construct-N/A					170,000	
		Reconstruct Apron-Construction			940,000			
		Reconstruct Apron-Design		60,000				
		Reconstruct Runway Visual Guidance System-PAPI 17 & 35 and Primary Windcone-Construction					385,000	
		Reconstruct Runway Visual Guidance System-PAPI 17 & 35 and Primary Windcone-Design				25,000		
		Reconstruct Rwy Lighting-17-35 including Guidance Signs-Construction						
		Rehabilitate Runway-17-35 Pavement Marking-Construction						
		Rehabilitate Runway-Airfield pavement marking-Construction			35,000			
		Remove Obstructions RNAV approach-Rwy 17-35 Phase 2-Construction						
		Seal Rwy Pavement Surface/Joints-17-35 Crack Sealing-Construction			30,000			\$ 2,151,666
Oscoda	Oscoda-Wurtsmith	Construct Taxiway (standards)-New Iosco Connector-Construction			4,070,000			
		Construct Taxiway (standards)-New Iosco Connector-Design		250,000				
		Construct Terminal-GA Terminal-Construction						
		Construct Terminal-GA Terminal-Design						
		Construct Terminal-Terminal Study (Reimbursement if selected)-Planning						
		Install Runway Visual Guidance System-FAA RA reimbursement - Rwy 7/25 PAPI Flight Check-N/A		20,000				
		Install Runway Visual Guidance System-Runway 7-25 PAPIs-Construction	645,000					
		Install Runway Visual Guidance System-Runway 7-25 PAPIs-Design			7,020,000			
		Rehabilitate Apron-Iosco Phase III-Construction						
		Rehabilitate Apron-Iosco Phase III-Design		300,000				\$ 12,305,000
Owosso	Owosso Community	Construct/Improve Fuel Farm-100LL (7500 gallon) w/ card reader-Construction						
		Construct/Improve Fuel Farm-100LL (7500 gallon) w/ card reader-Design						
		Install Runway Visual Guidance System-Flight Check for PAPI 11 and PAPI 29-Construction						
		Rehabilitate Runway-11/29-Construction		2,090,000				
		Rehabilitate Runway-11/29-Design	130,000					
		Rehabilitate Runway-Airfield Pavement Marking-Construction						
		Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing-Construction						
		Shift or Reconfigure Existing Taxiway-Midfield Connector (A3)-Construction		325,000				
		Shift or Reconfigure Existing Taxiway-Midfield Connector (A3)-Design	35,000					\$ 2,580,000
Pontiac	Oakland County Intl	Extend Taxiway (Capacity)-D-Construction		2,145,000				
		Extend Taxiway (Capacity)-D-Design	135,000					
		Install Misc NAVAIDS-FAA RA for RTR Cable (Design) Sponsor Reimburse-N/A	1					
		Install Misc NAVAIDS-RTR Cable Relocation-Construction						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 9R and 9L (Parcels To Be Confirmed)-Design						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 9R and 9L Approaches-Construction	690,000					

OFFICE OF AERONAUTICS
AIRPORTS CAPITAL IMPROVEMENTS 5-YEAR PLAN

City	Airport Name	Description	2027	2028	2029	2030	2031	Total
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Wetland Mitigation for 9R and 9L Approach Clearing-Environmental	417,000					
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Wetland Permit for Rwy 9R and 9L Approach Clearing-Environmental						
		Prepare SMS Manual-(as Part 139 certificate holder) Sponsor Reimburse-N/A						
		Reconstruct Taxiway Lighting-A-Construction	850,000					
		Reconstruct Taxiway Lighting-A-Design						
		Reconstruct Taxiway-A-Construction	1,620,000					
		Reconstruct Taxiway-A-Design						
		Reconstruct Taxiway-North T-Hangars-Construction		5,500,000				
		Reconstruct Taxiway-North T-Hangars-Design	350,000					
								\$ 11,707,001
Port Huron	St Clair County Intl	Acquire Easement for Approaches-Runway 4/22 (4 Parcels - TBD)-Land Acquisition						
		Acquire Easement for Approaches-for Phase 3 Approach Clearing-Land Acquisition	760,000					
		Install Runway Visual Guidance System-Rwy 22 PAPI RA reimbursement-N/A						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Phase 2 Rwy 4/22 Wetland Mitigation-Environmental						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Phase 3 Rwy 4/22 Wetland Mitigation-Environmental	1,000					
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 4/22 Approach Clearing - Phase 2-Construction						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 4/22 Approach Clearing - Phase 2-Design						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 4/22 Tree Clearing - Phase 3-Construction		1,600,000				
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 4/22 Tree Clearing - Phase 3-Design	85,000					
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Wetland Permit for Phase 2&3 Rwy 4-22 Aprch Clear-Environmental						
		Reconstruct Taxiway-B (Parallel to Rwy 4/22)-Construction						
		Reconstruct Taxiway-B (Parallel to Rwy 4/22)-Design						
		Rehabilitate Runway-Rwy 4-22, Twy B & C East, Terminal Apron Marking-Construction						
		Seal Rwy Pavement Surface/Joints-Rwy 4-22, Twy B & C East, Terminal Apron Sealing-Construction						
								\$ 2,446,000
Rogers City	Presque Isle County	Reconstruct Apron Lighting-Replace Fixtures-Construction						
		Reconstruct Apron Lighting-Replace Fixtures-Design						
		Rehabilitate Apron-Terminal-Construction						
		Rehabilitate Apron-Terminal-Design						
		Rehabilitate Runway-9-27-Construction			1,620,000			
		Rehabilitate Runway-9-27-Design						
		Rehabilitate Taxilane-Hangar Taxilanes-Construction	230,000	130,000				
		Rehabilitate Taxilane-Hangar Taxilanes-Design	20,000					
		Rehabilitate Taxiway-A-Construction			520,000			
		Rehabilitate Taxiway-A-Design		45,000				
		Seal Rwy Pavement Surface/Joints-Airfield Cracksealing & Remarking-Construction						
								\$ 2,565,000
Saginaw	Saginaw County H. W. Browne	Reconstruct Apron-Terminal-Construction				1,080,000		
		Reconstruct Apron-Terminal-Design			70,000			
		Reconstruct Taxilane-East and West T-hangar Areas-Design					40,000	
		Reconstruct Taxiway Lighting-A-Construction						
		Reconstruct Taxiway Lighting-E West-Construction		195,000				
		Reconstruct Taxiway Lighting-E West-Design	15,000					
		Reconstruct Taxiway-A-Construction						
		Reconstruct Taxiway-E West (to TDG 2A)-Construction		895,000				
		Reconstruct Taxiway-E West (to TDG 2A)-Design	65,000					
		Rehabilitate Runway-Pavement Marking-Construction		40,000				
		Seal Rwy Pavement Surface/Joints-Crack Sealing-Construction		40,000				
		Shift Taxiway-Taxiway A Connector to Runway 10-28-Construction						
								\$ 2,440,000
Saint Ignace	Mackinac County	Construct Taxiway (standards)-Connector Taxiway (for West Hangar Area)-Construction						
		Install Perimeter Fencing (non 49 CFR 1542)-Partial Perimeter Fence-Construction						
		Install Perimeter Fencing (non 49 CFR 1542)-Partial Perimeter Fence-Design						
		Install Taxiway Lighting-Construction	619,000					
		Install Taxiway Lighting-Design						
		Rehabilitate Runway-Concrete Repair-Construction			30,000			
		Rehabilitate Taxiway-Concrete Repair-Construction			30,000			
		Seal Apron Pavement Surface/Joints-Sealcoat/Crack Repair Terminal Apron-Construction						
		Seal Apron Pavement Surface/Joints-Sealcoat/Crack Repair Terminal Apron-Design						
								\$ 679,000
Sandusky	Sandusky City	Expand Terminal-T-Hangar-Design				123,000		
		Expand Terminal-T-hangar-Construction					1,537,000	
		Extend Runway-10/28 (proposed 800' extension to west)-Construction			1,736,000			
		Extend Runway-10/28 ENV Assessment-Environmental	150,000					
		Extend Runway-10/28 Extension (proposed 800' extension to west)-Design		140,000				
		Install Runway Lighting-Lighting Extension and 10 End PAPI Relocation -Construction		256,000				
		Install Runway Lighting-Lighting Extension and 10 End PAPI Relocation-Design		21,000				
		Install Runway Visual Guidance System-Rwy 10/28 PAPI Replacement-Design						
		Install Runway Visual Guidance System-Rwy10/28 PAPI Replacement-Construction	545,000					
		Reconstruct Rwy Lighting-10/28 including Guidance Signs -Design						
		Reconstruct Rwy Lighting-10/28 including Guidance Signs-Construction	1,122,000					
		Reconstruct Taxilane-Design					102,000	
								\$ 5,732,000
South Haven	South Haven Area Rgnl	Acquire Easement for Approaches-Rwy 5-Land Acquisition	334,000					
		Expand Terminal-10-unit Hangar Site Work-Construction				267,500		
		Imp/Mod/Rehab Terminal Bldg (standards)-Terminal Expansion-N/A						
		Improve/Modify Access Road-Entrance Road-Construction						
		Improve/Modify Access Road-Entrance Road-Design						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 5-Construction	184,000					
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Rwy 5-Design	15,000					
		Reconstruct Taxiway-B (to meet TDG 1A/1B stds)-Construction						
		Rehabilitate Runway-5/23-Construction						
		Rehabilitate Runway-5/23-Design						
		Rehabilitate Taxiway-A-Construction			1,330,000			
		Rehabilitate Taxiway-A-Design		120,000				
								\$ 2,250,500
Sparta	Paul C. Miller-Sparta	Construct Taxilane (Stds)-Construction						
		Construct/Modify/Improve/Rehab Hangar-4 Unit T-Hangar-Construction						
		Rehabilitate Runway-7/25-Construction				1,665,000		
		Rehabilitate Runway-7/25-Design			100,000			
		Rehabilitate Runway-Airfield Remarking-Construction	20,000					
		Seal Rwy Pavement Surface/Joints-Airfield Crack Sealing-Construction	38,500					
								\$ 1,823,500
Sturgis	Kirsch Muni	Const/Rehab Non-Rev Park Lot (NH, MAP,NP)-Construction						
		Construct Terminal Bldg (capacity)-Construction						
		Construct Terminal-Design						
		Extend Taxiway (Stds)-D -Construction				1,472,000		
		Extend Taxiway (Stds)-D-Design						
		Install Runway Lighting-1/19 and 6/24-Construction			200,000			
		Install Runway Lighting-1/19 and 6/24-Design			1,166,000			
		Rehabilitate Access Road-Construction			93,700			
		Rehabilitate Apron-Construction		859,000				
		Rehabilitate Apron-Design	69,000					
		Rehabilitate Taxiway-A-Construction		810,000				
		Rehabilitate Taxiway-A-Design	65,100					
								\$ 4,734,800
Three Rivers	Three Rivers Muni Dr Haines	Acquire Easement for Approaches-Runway 27 Easement Acquisition Phase 2D-Land Acquisition				215,000		
		Acquire Easement for Approaches-Runway 27 Phase 2A-Land Acquisition	128,439					
		Acquire Easement for Approaches-Runway 27 Phase 2B-Land Acquisition		179,573				
		Acquire Easement for Approaches-Runway 27 Phase 2C-Land Acquisition			154,659			
		Extend Taxilane-Taxiway C Extension to Runway 27 End-Design					157,000	
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 27 (Phase 1)-Construction						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 27 (Phase 1)-Design						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 27 End Obstruction Removal (Phase 1 & 2)-Construction				274,480		
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 27 End Obstruction Removal (Phase 1 & 2)-Design			80,000			
		Reconstruct Apron-Reconstruct Terminal Apron Phase 2-Construction		650,760				
		Reconstruct Apron-Reconstruct Terminal Apron Phase 2-Design	60,000					
		Reconstruct Apron-Reconstruct Terminal Apron Phase 3-Construction				454,160		
		Reconstruct Apron-Reconstruct Terminal Apron Phase 3-Design			42,000			
		Rehabilitate Apron-Pavement Rehabilitation of Apron BL-Construction					294,000	
		Rehabilitate Runway-Runway 5/23 Pavement Rehabilitation -Design					211,000	
		Rehabilitate Runway-Runway 5/23 Pavement Rehabilitation-Construction					2,317,000	
		Rehabilitate Taxiway-B & C-Construction					2,013,000	
		Rehabilitate Taxiway-B & C-Design					183,000	
								\$ 7,414,071
Troy	Oakland Troy	Acquire Easement for Approaches-Rwy 10 (Parcels TBD)-N/A						
		Construct/Modify/Improve/Rehab Hangar-Hangar Aprons-Design						
		Expand Apron-for Helicopter Parking-Construction					375,000	
		Imp/Mod/Rehab Terminal Bldg (standards)-Terminal Building Rehabilitation-Construction	400,000					
		Imp/Mod/Rehab Terminal Bldg (standards)-Terminal Building Rehabilitation-Design	50,000					
		Install Taxiway Lighting-Parallel Taxiway Lighting-Construction			1,005,000			
		Install Taxiway Lighting-Parallel Taxiway Lighting-Design		75,000				
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 9/27 (Parcels TBD)-Construction						
		Obstruction Marking/Lighting/Removal (Non-Hazard)-Runway 9/27 (Parcels TBD)-Design						

OFFICE OF AERONAUTICS
AIRPORTS CAPITAL IMPROVEMENTS 5-YEAR PLAN

City	Airport Name	Description	2027	2028	2029	2030	2031	Total
		Reconstruct Perimeter Fencing (49 CFR 1542)-Perimeter-Construction				524,000		
		Reconstruct Perimeter Fencing (49 CFR 1542)-Perimeter-Design			40,000			
		Rehabilitate Apron-Aircraft Parking Area Rehabilitation-Construction					375,000	
		Rehabilitate Apron-Aircraft Parking Area Rehabilitation-Design					21,000	
		Rehabilitate Runway-Rehabilitate Runway-Airfield Paint Marking-Constr-Construction						
		Rehabilitate Taxilane-T-Hangar Taxilanes-Design						
		Rehabilitate Taxiway-Rehabilitate Parallel Taxiway -Design		100,000				
		Rehabilitate Taxiway-Rehabilitate Parallel Taxiway-Construction			1,000,130			
		Seal Rwy Pavement Surface/Joints-Seal Runway Pavement Surface/Joints-Airfield Seal-Construction						
								\$ 3,965,130
West Branch	West Branch Community	Install Perimeter Fencing (non 49 CFR 1542)-Phase 1-Construction		480,000				
		Install Perimeter Fencing (non 49 CFR 1542)-Phase 1-Design	40,000					
		Install Perimeter Fencing (non 49 CFR 1542)-Phase 2-Construction				380,000		
		Install Perimeter Fencing (non 49 CFR 1542)-Phase 2-Design			30,000			
		Reconstruct Runway Visual Guidance System-9 and 27 LED REILs-Construction		130,000				
		Reconstruct Runway Visual Guidance System-9 and 27 LED REILs-Design	15,000					
		Reconstruct Rwy Lighting-9/27 LED MIRL including guidance signs-Construction	655,000					
		Reconstruct Rwy Lighting-9/27 LED MIRL including guidance signs-Design						
		Rehabilitate Runway-Pavement Marking-Construction			60,000			
		Rehabilitate Runway-Pavement Marking-Design			6,000			
		Seal Rwy Pavement Surface/Joints-Crack Sealing-Construction			50,000			
		Seal Rwy Pavement Surface/Joints-Crack Sealing-Design			6,000			
		Seal Taxiway Pavement Surface/Joints-Crack Sealing-Construction						
		Seal Taxiway Pavement Surface/Joints-Crack Sealing-Design						
								\$ 1,852,000
White Cloud	White Cloud	Const/Improve/Rehab/Mod Hangar-6-Unit-Design			80,000			
		Construct Taxilane (Std)-Hangar Access-Construction				560,000		
		Construct Taxilane (Std)-Hangar Access-Design			50,000			
		Construct Taxiway (standards)-Partial Parallel-Construction		950,000				
		Construct Taxiway (standards)-Partial Parallel-Design	80,000					
		Update Airport MP/ALP-& narrative report-Planning						
								\$ 1,720,000
NON-PRIMARY AIRPORT TOTALS:			\$ 72,174,331	\$ 59,492,858	\$ 84,451,713	\$ 62,834,505	\$ 40,058,950	\$ 319,012,357
PRIMARY AIRPORT TOTALS:			\$ 10,638,040	\$ 18,346,333	\$ 16,519,489	\$ 7,015,140	\$ 7,625,000	\$ 62,494,002
PRIMARY + NON-PRIMARY TOTALS:			\$ 82,812,371	\$ 77,839,191	\$ 100,971,202	\$ 69,849,645	\$ 47,683,950	\$ 381,506,359

PROPOSED CAPITAL OUTLAY ACT - 2027

MICHIGAN DEPARTMENT OF TRANSPORTATION
OFFICE OF AERONAUTICS

AIRPORT

ALPENA COUNTY REGIONAL
DETROIT WILLOW RUN
DETROIT METRO WAYNE COUNTY
DETROIT METRO WAYNE COUNTY
ESCANABA, DELTA COUNTY
ESCANABA, DELTA COUNTY
FLINT, BISHOP INTERNATIONAL
FLINT, BISHOP INTERNATIONAL
FLINT, BISHOP INTERNATIONAL
FLINT, BISHOP INTERNATIONAL
FLINT, BISHOP INTERNATIONAL
GRAND RAPIDS, GERALD R. FORD INTERNATIONAL
GRAND RAPIDS, GERALD R. FORD INTERNATIONAL
GRAND RAPIDS, GERALD R. FORD INTERNATIONAL
GRAND RAPIDS, GERALD R. FORD INTERNATIONAL
HANCOCK, HOUGHTON COUNTY MEMORIAL
HANCOCK, HOUGHTON COUNTY MEMORIAL
HANCOCK, HOUGHTON COUNTY MEMORIAL
HANCOCK, HOUGHTON COUNTY MEMORIAL
HANCOCK, HOUGHTON COUNTY MEMORIAL
IRON MOUNTAIN, FORD
IRON MOUNTAIN, FORD
IRON MOUNTAIN, FORD
IRON MOUNTAIN, FORD
KALAMAZOO/BATTLE CREEK INTERNATIONAL
KALAMAZOO/BATTLE CREEK INTERNATIONAL
LANSING CAPITAL REGIONAL INTERNATIONAL
LANSING CAPITAL REGIONAL INTERNATIONAL
MARQUETTE, SAWYER
MUSKEGON COUNTY
PELLSTON REGIONAL OF EMMET COUNTY
PELLSTON REGIONAL OF EMMET COUNTY
PELLSTON REGIONAL OF EMMET COUNTY
SAGINAW, MBS INTERNATIONAL
SAGINAW, MBS INTERNATIONAL
SAGINAW, MBS INTERNATIONAL
SAGINAW, MBS INTERNATIONAL
SAGINAW, MBS INTERNATIONAL
SAULT STE MARIE CHIPPEWA COUNTY INTERNATIONAL
SAULT STE MARIE CHIPPEWA COUNTY INTERNATIONAL
SAULT STE MARIE CHIPPEWA COUNTY INTERNATIONAL
TRAVERSE CITY, CHERRY CAPITAL
TRAVERSE CITY, CHERRY CAPITAL
TRAVERSE CITY, CHERRY CAPITAL

DESCRIPTION

Reconstruct Taxiway G
Construct Taxiway Fox (East Ramp)
Runway 9R/27L Reconstruction ph 2, 3, 4
Misc. Development
Sealing and Marking
Master Plan ALP update and Exh A
Pass. Boarding Bridges
TWY B Rehabilitation
SRE Equipment
Rehabilitate Terminal Building
Rehab Apron
Elevate Baggage Claim Expansion
TWY K Extension
TWY V Removal
Runway Intersection Mitigation
Remove Building #3 and #4
CBR Terminal Building Site Preparation
Rev Gen Parking Lot
Sponsor Owned Hangar
Construct Terminal Building
Terminal Rehabilitation and Expansion
Land Acquisition/Obstruction removal (RWY 31)
Rehab RWY 13-31
Rehabilitate TWY H
Rehab RWY 5/23 Pavement and Lighting
Security Improvements
10/28 Design & Construction
Terminal Design
Terminal Expansion
Taxiway A Construction
Construct Obstruction Removal (Off Airport-Rwy 23) and 32
Construct Rwy 5/23 Rehabilitation
Construct Rwy 5/23 Lighting
SMS Phase 1 RSA RWY 5-23
SMS Phase 2 RSA RWY 14-32
SRE Building Construction -Complete
Acquire SRE Friction Tester, Liquid Sprayer (Tow-Behind)
Airfield Drainage Study
Acquire Snow Removal Equipment-SRE
Acquire Snow Removal Equipment-SRE
T Hangar Design and Construction
Expand Terminal Building Phase 3 Conc B
Expand Terminal Building Phase 4 Checkpoint
Expand Terminal Building Phase 5 BHS

FEDERAL	STATE	LOCAL	TOTAL
\$ 900,000	\$ 50,000	\$ 50,000	\$ 1,000,000
\$ 9,737,500	\$ 256,250	\$ 256,250	\$ 10,250,000
\$ 35,850,000	\$ -	\$ 11,950,000	\$ 47,800,000
\$ 3,750,000	\$ -	\$ 1,250,000	\$ 5,000,000
\$ 475,000	\$ 12,500	\$ 12,500	\$ 500,000
\$ 475,000	\$ 12,500	\$ 12,500	\$ 500,000
\$ 3,150,000	\$ 175,000	\$ 175,000	\$ 3,500,000
\$ 315,000	\$ 17,500	\$ 17,500	\$ 350,000
\$ 315,000	\$ 17,500	\$ 17,500	\$ 350,000
\$ 67,500	\$ 3,750	\$ 3,750	\$ 75,000
\$ 3,465,000	\$ 192,500	\$ 192,500	\$ 3,850,000
\$ 16,200,000	\$ 900,000	\$ 900,000	\$ 18,000,000
\$ 1,890,000	\$ 105,000	\$ 105,000	\$ 2,100,000
\$ 810,000	\$ 45,000	\$ 45,000	\$ 900,000
\$ 900,000	\$ 50,000	\$ 50,000	\$ 1,000,000
\$ 190,000	\$ 5,000	\$ 5,000	\$ 200,000
\$ 1,567,500	\$ 41,250	\$ 41,250	\$ 1,650,000
\$ 1,520,000	\$ 40,000	\$ 40,000	\$ 1,600,000
\$ 1,520,000	\$ 40,000	\$ 40,000	\$ 1,600,000
\$ 950,000	\$ 25,000	\$ 25,000	\$ 1,000,000
\$ 855,000	\$ 22,500	\$ 22,500	\$ 900,000
\$ 76,000	\$ 2,000	\$ 2,000	\$ 80,000
\$ 137,750	\$ 3,625	\$ 3,625	\$ 145,000
\$ 38,000	\$ 1,000	\$ 1,000	\$ 40,000
\$ 405,000	\$ 22,500	\$ 22,500	\$ 450,000
\$ 540,000	\$ 30,000	\$ 30,000	\$ 600,000
\$ 450,000	\$ 25,000	\$ 25,000	\$ 500,000
\$ 900,000	\$ 50,000	\$ 50,000	\$ 1,000,000
\$ 9,000,000	\$ 500,000	\$ 500,000	\$ 10,000,000
\$ 475,000	\$ 12,500	\$ 12,500	\$ 500,000
\$ 907,250	\$ 23,875	\$ 23,875	\$ 955,000
\$ 5,130,000	\$ 135,000	\$ 135,000	\$ 5,400,000
\$ 950,000	\$ 25,000	\$ 25,000	\$ 1,000,000
\$ 118,750	\$ 3,125	\$ 3,125	\$ 125,000
\$ 118,750	\$ 3,125	\$ 3,125	\$ 125,000
\$ 950,000	\$ 25,000	\$ 25,000	\$ 1,000,000
\$ 308,750	\$ 8,125	\$ 8,125	\$ 325,000
\$ 475,000	\$ 12,500	\$ 12,500	\$ 500,000
\$ 798,000	\$ 21,000	\$ 21,000	\$ 840,000
\$ 857,375	\$ 22,563	\$ 22,563	\$ 902,500
\$ 475,000	\$ 12,500	\$ 12,500	\$ 500,000
\$ 4,500,000	\$ 250,000	\$ 250,000	\$ 5,000,000
\$ 4,590,000	\$ 255,000	\$ 255,000	\$ 5,100,000
\$ 9,000,000	\$ 500,000	\$ 500,000	\$ 10,000,000

TOTAL \$126,103,125 \$3,954,688 \$17,154,688 \$147,212,500



Fiscal Year 2027
Capital Outlay Budget Request
&
2027 – 2031
Five Year Facilities Special Maintenance Plan

September 2025

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Mission

The Michigan Department of Transportation's (MDOT) mission is "serving and connecting people, communities, and the economy through transportation."

MDOT delivers on its mission through its direct jurisdiction over Michigan's nearly 10,000 mile state highway system, comprised of all I, US, and M routes. It is the backbone of Michigan's 120,000 mile highway, road and street network. The state owns:

- 4,817 highway, railroad and pedestrian bridges,
- 665 miles of railroad track (managed by private operators),
- 2,754 miles of nonmotorized trails, and
- Four airports

MDOT's duties to provide and ensure a safe and navigable highway system through all seasons are delivered, in part, from 45 different maintenance garage sites and more than 200 different buildings on those sites located across seven regions within the state. These maintenance garages support MDOT in the delivery of a high level of service including bridge maintenance, forestry and vegetation management, sign maintenance and management, pump and lift station and winter road maintenance services. The buildings and equipment are necessary and critical assets to MDOT's operations.

MDOT also administers other state and federal transportation programs for aviation, intercity passenger services, rail freight, local public transit services, the Transportation Economic Development Fund (TEDF), the Transportation Alternatives Program (TAP), and others. In addition, the department is responsible for developing and implementing a comprehensive transportation plan for the entire state that includes all modes of transportation.

Programming Changes

In 2025, MDOT, in partnership with the Department of Technology, Management and Budget's Design and Construction Division (DTMB DCD), completed final construction of various facilities at three different maintenance garage sites in Monroe County. These sites consist of maintenance garages, cold storage buildings, heated storage buildings and salt storage buildings, and allow MDOT to provide direct force road maintenance services that were once the responsibility of the Monroe County Road Commission. The Monroe County Garage sites added 9 buildings to MDOT's inventory of facility structures.

MDOT has absorbed the regular daily operating expenses for these facilities into its operations budget. Legacy costs, as the building assets age and wear, will have an impact

on MDOT's future special maintenance and capital outlay funding's ability to meet statewide needs if budget increases are not eventually granted in the capital outlay special maintenance appropriation.

Facility Assessment

A comprehensive Statewide Facility Condition Assessment Study to identify the critical facility deficiencies and repair needs of MDOT's portfolio of owned buildings was completed over an 18-month period during calendar years 2022 - 2023. The assessment study was performed for over 450 different facility structures owned, operated, and occupied by MDOT. At that time, 1,377 different facility deficiencies (projects) were identified across various categories – including building envelope repairs; mechanical, electrical, and plumbing repairs; site, life/safety, and other corrective updates needed to attain compliance with the Americans with Disabilities Act (ADA) as well as other regulatory, environmental, and construction code standards. As of 2023, the estimated cost to address these needs was \$55,993,205. Escalation in materials pricing, wage and fringe benefit rates, inflation, and other factors continue to increase that estimated cost. MDOT's facilities are aging at a rate at which maintenance efforts and repairs with current available resources cannot keep pace.

Ongoing preventative maintenance and investment to achieve well-maintained, efficient buildings can result in 20 – 50% cost reduction in energy usage as well as lessen the financial and operational impact of unanticipated, costly emergency repairs. MDOT dedicates available resources to provide the best preventative maintenance program possible to contain facility operating costs while striving to achieve reliability and have buildings in good condition. Unanticipated and emergency repairs negatively impact MDOT's daily ability to operate as efficiently and effectively as possible.

In fiscal years 2024 and 2025, MDOT was appropriated \$5,000,500 annually to fund capital and special maintenance facilities projects across over 450 facilities. For many years prior, MDOT's capital outlay special maintenance annual funding level remained flat with no increases at \$3,001,500.

In calendar year 2025, the average cost of a maintenance garage roof replacement has averaged +/- \$700,000. With aging facilities infrastructure across its portfolio, MDOT has had no other choice than to redirect operating funds to address critical facility repair needs.

MDOT Facilities Condition Assessment Data follows in Appendix A.

Implementation Plan

MDOT has developed a prioritization system for allocation of available capital outlay special maintenance funds which focuses in the following order:

- Critical health and safety issues
- Project impact on MDOT's ability to deliver services
- Rate of deterioration affecting adjacent assets
- Environmental regulations, mandates, code requirements
- Remaining service life of assets
- Project ability to generate operational savings
- Discretionary projects

Funding gaps, over the years, have forced MDOT to defer both facility maintenance and facility repair needs. In some cases, MDOT has cancelled needed repairs and/or facility projects scheduled for office buildings to divert available resources to support similar needs at maintenance garage facilities, welcome centers, and rest area buildings.

Non-Discretionary projects are those that are required to keep MDOT's buildings in operation. Frequently, by the point MDOT can financially address these needs, the assets have already reached a level of disrepair or are not functioning as originally intended. In some cases, the disrepair of one building system has negatively affected adjacent facility assets and created a higher cost or expanded scope of project. MDOT prioritizes these needs over all others in its' efforts to maintain direct services to the state's transportation system.

Discretionary projects are those that are not necessary to extend the life of the current asset. These projects would typically provide operational savings or could protect MDOT's assets in different ways. Examples of discretionary projects are energy efficient upgrades in lighting; added security systems where theft, vandalism, and other activities are negatively impacting MDOT; or new automated door/entry systems that increase operational efficiency.

MDOT's list of deferred repair needs – nearly 1,400 projects estimated to cost close to \$56 million does not include any new major capital projects or the replacement of buildings that have exceeded their useful life. MDOT's current inventory of maintenance garage buildings has an average original construction date of 1975. MDOT's current inventory of office buildings has an average original construction date of 1994.

Inadequate funding has negatively impacted MDOT's ability to support its inventory of active Rest Areas (63) and owned Welcome Centers (12). These buildings are incredibly impactful for local and state economies, the safety of the motoring public, supporting recreational and tourism activities as well as the national and international transportation of goods through commercial trucking. In most recent years, MDOT has had no other choice than to temporarily or permanently close some of its rest areas due to lack of available funds for repairs.

MDOT has been working to identify and define buildings within its facility inventory as either "critical" or "non-critical" for purposes of investment resource allocation. In some cases, these designations have been used to make decisions about rest area facilities.

With continued projected revenue shortfalls for the upcoming fiscal years, the outlook for adequate transportation funding, including concerns about MDOT's ability to match federal aid, is of great concern. As a result, MDOT recognizes it must continue to defer most major capital investment needs to the extent possible and/or practical.

The FY 2027 Major Capital Request to replace the Coloma Garage Salt Storage building is condition-based, safety-related, and supported by information from two different independent professional engineering consultant firms.

The amount identified and requested for FY 2027 Capital Outlay Special Maintenance appropriation is abbreviated and does not reflect the true investment needs. The projects selected and identified in this budget request address critical health and safety issues as well as critical repairs required to maintain existing assets. Although all projects represented within the request have been identified and estimated, if other special maintenance facility needs become an emergency or more critical in nature, those projects will be addressed with the funds appropriated.

Fiscal Year 2027 Budget Request

FY 2027 Major Capital Outlay: \$5,168,100. Coloma Maintenance Garage Salt Storage Building.

This request is a one-time, specific Major Capital request to fund the design and construction costs of a new (replacement) Salt Storage Building at the Coloma Maintenance Garage in the Southwest Region.

MDOT acknowledges that the outlook for adequate transportation funding, including the ability to match federal aid, is of great concern. Accordingly, MDOT understands major facility capital improvement projects will continue to be deferred wherever possible. It is important to recognize the department has major capital improvement investment needs that must be addressed. Without increased funding investment for facilities in the coming years, MDOT may be forced to close buildings and potentially reduce the level or efficiency of transportation services. These actions could negatively affect the safety of the travelling public, burden the commercial transportation sector, potentially harm the state's tourism industry, and increase operating costs for MDOT making it increasingly less efficient and effective.

MDOT can no longer continue to defer a major capital investment need at the Coloma Maintenance Garage. Major capital investment is required for the salt storage building at this location.

Justification

The MDOT Southwest Region Coloma Maintenance Garage complex has been in service since 1968. As of 2025, the Coloma Maintenance Garage supports 466 miles of highway and interstate, the largest route coverage in the region. It services rural and urban freeways, regional traffic on I-94, I-196, and M roads, with annual average daily traffic counts ranging anywhere from 50,000 to 90,000 vehicles, comprised of national and international commercial supply chain transportation for Chicago and Detroit as well as other major destinations.

The most recent Facilities Condition Assessment conducted by professional services contractor AECOM, Southfield, MI, July 2023, identified a variety of repair needs and structural concerns at this building. In addition to noting visible and obvious deficiencies with the Coloma Maintenance Garage Salt Dome facility, AECOM

recommended that MDOT “Perform structural assessment to determine extent of damage and recommended repairs.”

Subsequently, MDOT, through DTMB, retained professional services contractor Restore Consulting, Holland, MI, to perform a structural condition assessment. In February 2024, Restore Consulting reported, “Based on our cost opinion to address the repairs noted below, the age of the structure, and the condition of the remaining structure not recommended for repairs at this time, we recommend the salt dome be replaced with a new facility and not repaired.” Restore Consulting identified a variety of specific structural deficiencies as a basis for their recommendation.

MDOT has since adjusted the use of the current structure by restricting access and limiting capacity in response to the professional consultant concerns. The limitations have decreased efficiency and created a risk of inadequate supply of critical material should the area experience prolonged winter storm events and/or material shortage or shipping issues.

Operational Needs

The MDOT Coloma Maintenance Garage complex is located within the state’s “snowbelt” which receives an average of 81 inches of snow annually. The Coloma Maintenance Garage also responds to a variety of weather emergencies including clearing roads of downed trees and other debris, responding to major floods, etc., and partners with the Michigan State Police in response to crashes and other roadway and community emergencies as a first responder team.

Snowfall rates in the area from lake effect snow can frequently be as high as 2” of accumulation per hour – on occasion, even higher depending on the storm system and weather patterns. Delays in response to winter road maintenance during these events can easily allow the rate of accumulation to surpass MDOT’s ability to keep the highways passable and safe for the motoring public.

Since the garage site was established in 1968, considerable development and expansion of MDOT services for the expanding community has occurred. The site is critical to providing daily road maintenance services and the delivery of MDOT’s mission of serving and connecting people, communities, and the economy through transportation.

The original design of the salt dome, constructed in 1982, has become outdated. Domed salt barns were originally filled using an external conveyor system. The design and methodology of delivery and salt storage has changed over decades for a variety of reasons – including environmental requirements. The domed building design does not provide the ability for protected delivery of salt into the storage area or for covered loading of salt into trucks for distribution on routes during winter weather events. The structure is operationally obsolete.

Sending Coloma winter maintenance trucks to the closest, alternate MDOT facility to load salt would add at least 50% of operational service time to every route cycle, increase mileage and operational costs to each winter maintenance truck and tow plow, while also creating a burden on operations at the adjacent locations with additional procurement, coordination, monitoring, and delivery of salt to keep up with increased usage. The nearest MDOT garages are already at or beyond storage capacity for equipment and salt to support their local operations. Merging Coloma salt truck operations to an adjacent location is not deemed practical or a long-term solution for the region.

Summary

Without approval for this request, MDOT risks untimely or inadequate response during a winter weather event, threatening the safety and mobility of regional traffic including commercial supply chain transportation. Continued deferral of the replacement of this salt storage facility puts employee safety at risk, creates a situation where the structure could face eventual condemnation without significant investment to repair the current deficiencies, and will reduce efficiency and cost effectiveness of winter operations by necessitating utilization of alternative locations if the building becomes unoccupiable.

Approval for the project provides MDOT with a safe and reliable salt storage facility that meets environmental requirements, supports MDOT operational needs and ensures an ability to deliver upon its mission, improves winter event response times through an optimal “pull through” loading design of the new building, and creates efficiency in “right sized” storage capacity to current service level needs.

**FY 2027: Salt Storage and Chemical Containment Facility Capital Outlay:
\$3,303,639**

The funding request for FY 2027 Salt Storage and Chemical Containment Capital Outlay represents an increase for inflationary costs based on the May 2025 US Consumer Price Index Report over the FY 2024, FY2025, and FY 2026 funding level of \$3,000,000 in each year. The ongoing investment in these salt storage and chemical containment assets is critical to the state's ability to continue to provide winter road maintenance services. The appropriation has not been increased since FY 2024 (October 1, 2023).

MDOT is responsible for, and has jurisdiction of, the State's Trunkline System and partners with over 215 contract agencies (counties and municipalities) to perform maintenance on that system. Through the Chemical Storage Facility Program, MDOT also participates and has contracts with contract agencies for the replacement, construction, and renovation of salt storage facilities including secondary containment.

The use and functionality of contract agency salt storage facilities is essential in properly maintaining the State Trunkline System. It is imperative that contract agencies have the required salt and brine storage facilities needed to meet winter operational needs and the necessary level of service. Inability to utilize, access, or have the necessary storage for salt/brine negatively impacts the ability to respond to snowstorm and icing conditions. The inability to effectively and efficiently provide winter maintenance operations has a negative impact on the traveling and motoring public of Michigan as well as the economy and movement of goods and services.

Primary and secondary chloride containment are required by the Department of Environment, Great Lakes, and Energy (EGLE) for all salt/brine storage and handling locations, through the Part 5 polluting materials administrative rules promulgated pursuant to Part 31, of the Water Resource Protection Act of 1994, as amended, effective August 2003. EGLE regulations require that any storage of material containing a minimum amount of five tons of road solid salt or 1,000 gallons of liquid salt must include an adequate secondary containment system. This EGLE mandate also extends to salt/sand mixture (winter salt/sand) storage. MDOT and Contract Agencies are continuing efforts to ensure current operations align with EGLE regulations.

FY 2027 Capital Outlay/Special Maintenance Lump Sum Request: \$5,350,535

The funding request for FY 2027 represents an increase for inflation based on the May 2025 US Consumer Price Index Report over the funding level (\$5,000,500) of the most recent two fiscal years (FY 2024, FY 2025). This appropriation has not been increased since FY 2024.

Repairs and renovations to be performed with Special Maintenance funding include the following types of projects:

- Structural and roof system repairs or replacements
- Health and safety systems – exhaust systems, fire systems repair/replacement, etc.
- Exterior repairs, exterior painting/sealing
- HVAC system repairs/replacements
- Site repairs including pavement, drainage, and to address environmental and safety concerns
- Emergency and miscellaneous repairs, maintenance, and replacement of failed components/systems

FY 2027 Capital Outlay Special Maintenance, one-time supplemental: \$5,600,000

The 2022-2023 statewide facility condition assessment study identified approximately \$56 million in repair needs across a variety of categories:

Building Envelope*	\$12,012,827
HVAC/Mechanical	\$ 4,250,713
Electrical	\$ 6,386,217
Plumbing	\$ 3,084,832
Paving/concrete/sitework	\$26,868,413
Interior Finishes	\$ 3,096,653
Fire/Communication Systems	\$ 293,551

Total	\$55,993,206
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*Identified roofing needs are limited to knowledge gained from visual inspections from ground level in most cases and based on feedback from local MDOT staff. As a result, the financial impact of roofing systems repair and replacement needs are not accurately reflected in this amount.

In the years following this study, MDOT has primarily prioritized available resources to address building envelope and other critical concerns while continuing to defer many other projects due to lack of funding. There were approximately \$13.7 million in costs (based on 2022-2023 estimates) to address identified categorical deficiencies specific to electrical, plumbing, mechanical, and heating, ventilation, and air conditioning systems across MDOT's portfolio of owned facilities. While some of these projects have been completed in recent years, the remaining list of needs still exceeds \$11 million. These building systems are vital to the safety and operational requirements of MDOT's portfolio of facilities.

MDOT requests a one-time, supplemental appropriation of \$5,600,000 to be used specifically for projects in these categories at facilities with a direct impact on highway operations. This supplemental funding will allow MDOT to address safety and operational needs that have long been deferred. This one-time supplemental budget request also provides for a return to moderate funding levels in future years for the capital outlay special maintenance appropriation.

FY 2027 Major Capital Outlay, Coloma Salt Storage Building: \$5,168,100

FY 2027 Salt Storage and Chemical Containment Facility Capital Outlay: \$3,303,639

FY 2027 Capital Outlay Special Maintenance Lump Sum: \$5,350,535

FY 2027 Capital Outlay Special Maintenance One-time supplemental: \$5,600,000

FY 2027 Total Capital Outlay Budget Request (STF Funding, 1116): \$19,422,274

Fiscal Year 2027 – 2031 Five Year Plan

FY 2027 Special Maintenance Projects

The projects planned for FY 2027 include a variety of building envelope repairs (exterior block wall restoration; roof replacements and roofing systems repairs; interior CMU block wall repairs and restoration); fire monitoring, alarm, and fire suppression system repairs and replacements; heating, ventilation, and air conditioning systems repairs and replacements; as well as utilities projects to ensure supply and waste water is safely and appropriately servicing the building occupants.

The impact of each of these projects is similar in protecting MDOT's assets from further deterioration and damage; supporting MDOT in delivery of its mission; and providing a safe and adequate work environment for state employees. None of the projects identified for the FY 2027 plan are discretionary in nature. Fund 1116, State Trunkline Funds, is the funding source for the projects identified on the FY 2027 Special Maintenance Projects list.

FY 2027 Special Maintenance Projects

FY 2027 Special Maintenance Plan Project Description	Project Estimate	Project Fund Source
Marion Maintenance Garage. Grand Region. Exterior block wall restoration.	\$138,000	1116 - STF
Fennville Maintenance Garage. Grand Region – Exterior block wall restoration.	\$138,000	1116 - STF
Mason Maintenance Garage and Cold Storage Building. University Region. Roof Replacement, Roof Repairs.	\$812,000	1116 - STF
Mount Pleasant Maintenance Garage. Bay Region. Roof Replacement.	\$810,000	1116 - STF
Mason Maintenance Garage. Garage and Cold Storage Building. University Region. Window Replacement.	\$130,000	1116 - STF
Detroit Maintenance Garage Cold Storage Building. Metro Region. Exterior wall repairs.	\$350,000	1116 - STF
Detroit Maintenance Garage. Metro Region. Replace roof.	\$700,000	1116 - STF
Atlanta Maintenance Garage. North Region. Interior walls, CMU block repairs.	\$140,000	1116 - STF
Crystal Falls Region Office. Superior Region. Fire monitoring and alarm system, suppression system replacement.	\$230,000	1116 - STF
Bay City TSC. Bay Region. Fire monitoring and alarm system, suppression system replacement.	\$212,000	1116 - STF
Marshall TSC. Southwest Region. Roof Replacement.	\$168,000	1116 - STF
Clare Welcome Center. Bay Region. Water supply, utilities connection replacement. Boiler, HVAC system replacement.	\$1,920,000	1116 - STF

FY 2028 - 2031 Special Maintenance Projects

The projects planned for future fiscal years, 2028 – 2031, continue to include a variety of building envelope repairs (exterior block wall restoration; roof replacements and roofing systems repairs; interior CMU block wall repairs and restoration, window replacements); critical equipment repairs and replacements; heating, ventilation, and air conditioning systems repairs and replacements; as well as paving projects necessary to ensure environmental and operational safety concerns are addressed.

The impact of each of these projects is similar in protecting MDOT's assets from further deterioration and damage; supporting MDOT in delivery of its mission; and providing a safe and adequate work environment for state employees. None of the projects identified for the FY 2028 - 2031 plans are discretionary in nature. Fund 1116, State Trunkline Funds, is the funding source for the projects within the plans for FY 2028 - FY 2031.

FY 2028 Special Maintenance Projects

FY 2028 Special Maintenance Plan Project Description	Project Estimate	Project Fund Source
St. Ignace Garage Cold Storage Building. Superior Region. Repair exterior walls, EIFS.	\$258,000	1116 - STF
St. Ignace Garage. Maintenance Garage. Superior Region. Replace overhead doors.	\$112,000	1116 - STF
St. Ignace Garage. Maintenance Garage. Superior Region. Replace Air Handling Unit.	\$176,000	1116 - STF
Coloma Garage. Southwest Region. Replace Air Compressor.	\$74,800	1116 - STF
Bay Region Maintenance Crews. Garage Building. Bay Region. Repair exterior walls, building envelope, replace EIFS/siding.	\$812,000	1116 - STF
Davison TSC Testing Lab. Bay Region. Replace HVAC system, silica dust extractors, exhaust system.	\$580,000	1116 - STF
Davison TSC Testing Lab. Bay Region. Replace lighting system to LED.	\$220,000	1116 - STF
Region Maintenance Crews Garage Building. University Region. Replace exterior windows.	\$112,600	1116 - STF
Charlotte Garage. Maintenance Garage Building. University Region. Replace exterior windows.	\$117,000	1116 - STF
Brighton Garage. Site. University Region. Repave asphalt, parking lot. Replace, repair utilities, drainage.	\$1,980,000	1116 - STF
Hastings Garage. Site. Grand Region. Repave Asphalt, parking lot.	\$840,000	1116 - STF
Engadine Garage. Maintenance Garage. Superior Region. Replace floor hoist.	\$501,000	1116 - STF

FY 2029 Special Maintenance Projects

FY 2029 Special Maintenance Plan Project Description	Project Estimate	Project Fund Source
Superior Region Office. Superior Region. Asphalt shingle roof replacement.	\$162,000	1116 - STF
Coloma Business Office. Southwest Region. Replace Air Handling Unit.	\$84,200	1116 - STF
Gladstone Sign and Signal Shop. Superior Region. Replace Roof.	\$132,000	1116 - STF
Reed City Garage. Garage Building. Grand Region. Repair exterior walls, tuck point, paint.	\$178,000	1116 - STF
Engadine Garage. Site. Superior Region. Replace site lighting.	\$102,000	1116 - STF
Engadine Garage. Site. Superior Region. Repave asphalt, parking lot.	\$1,820,000	1116 - STF
Williamston Garage. Garage Building. University Region. Exterior wall repairs, metal panel replacement.	\$216,000	1116 - STF
Williamston Garage. Garage Building. University Region. Exterior window replacement.	\$106,700	1116 - STF
St. Ignace Garage. Site. Replace asphalt, repave parking lot.	\$2,230,000	1116 - STF
Kalamazoo Garage. Cold Storage Building. Southwest Region. Replace Roof.	\$205,000	1116 - STF
Port Huron Welcome Center. Blue Water Bridge. Replace hvac system.	\$180,000	1116 - STF
Ironwood Welcome Center. Superior Region. Replace electrical panels, lighting and related security systems.	\$106,000	1116 - STF

FY 2030 Special Maintenance Projects

FY 2030 Special Maintenance Plan Project Description	Project Estimate	Project Fund Source
Marion Garage. Garage Building. Grand Region. Water distribution system replacement (water heater, waste water storage tank, monitoring system, etc.)	\$134,000	1116 - STF
Port Huron Garage. Garage Building. Repair exterior walls, repaint, seal. Repair/replace exterior doors.	\$292,000	1116 - STF
Office of Field Services. Garage Building. Lansing. Replace roof.	\$828,000	1116 - STF
Metro Region Office. Metro Region. Repair exterior walls, tuckpoint, paint, etc.	\$188,000	1116 - STF
Sawyer Garage. Garage Building. Southwest Region. Repair exterior walls, tuckpoint, paint, etc.	\$152,000	1116 - STF
Fleet A&E Garage. Lansing. Replace paint booth, update exhaust, electrical to meet current codes.	\$910,000	1116 - STF
L'Anse Garage. Garage Building. Superior Region. Site. Concrete repairs, plumbing/drain system and concrete floor replacement inside of building.	\$611,000	1116 - STF
Region Maintenance Crews. Garage Building. Southwest Region. Replace roof.	\$427,000	1116 - STF
Fennville Garage. Cold Storage Building. Grand Region. Repair exterior walls, paint or add siding over repairs.	\$261,000	1116 - STF
New Buffalo Welcome Center. Southwest Region. Replace HVAC system, including A/C; electrical system replacements/repairs.	\$562,000	1116 - STF
Marshall Garage. Site. Southwest Region. Replace pavement, parking lot, catch basins, etc.	\$1,933,000	1116 - STF

FY 2031 Special Maintenance Projects

FY 2031 Special Maintenance Plan Project Description	Project Estimate	Project Fund Source
Coloma Garage. Garage Building and Heated Storage Building. Southwest Region. Repair exterior walls, tuckpoint, seal, paint.	\$281,000	1116 - STF
Region Maintenance Crews. Garage Building. University Region. Replace exterior doors and door frames.	\$104,000	1116 - STF
Saginaw East Garage. Garage Building. Bay Region. Install overhead crane.	\$426,000	1116 - STF
Aeronautics/Lansing TSC Office. Replace electrical switch gear, distribution system, including transformer.	\$289,000	1116 - STF
Paw Paw Garage. Garage Building. Southwest Region. Repair exterior CMU walls, repaint, core fill insulation	\$296,000	1116 - STF
Detroit Maintenance Garage. Garage Building. Prep and paint steel frame, structural components for anti corrosive properties to extend useful life of facility.	\$98,800	1116 - STF
South Haven Garage. Site. Southwest Region. Replace asphalt, repave parking lot.	\$581,000	1116 - STF
Coloma Garage. Garage Building. Southwest Region. Replace/install floor hoist.	\$520,000	1116 - STF
Region Maintenance Crews. Site. North Region. Replace asphalt, repave parking lot.	\$468,900	1116 - STF
Atlanta Garage. Garage Building. North Region. Replace HVAC and exhaust system.	\$203,000	1116 - STF
Crystal Falls TSC. Site. Superior Region. Replace asphalt, repave parking lot.	\$283,000	1116 - STF
Hastings Garage. Garage Building. Grand Region. Repair/replace lagoon.	\$318,000	1116 - STF
Hastings Garage. Garage Building. Grand Region. Replace electrical distribution system, panels.	\$151,000	1116 - STF

APPENDIX A
FACILITY CONDITION ASSESSMENT DATA

BAY REGION

2022/2023 FACILITY ASSESSMENT

MDOT Site: Mt. Pleasant Garage

Assessor: AECOM

Inspection Date: 10/25/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
GAR	1	3	3	3	3	3	4	3	3	3	0	3	3	4	4
HSB	1	3	3	3	3	3	3	3	3	3	0	0	3	3	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1B51 HSB-1	The panelboard had exceeded its expected useful life.	\$ 6,735
1B51 HSB-1	The countertops were worn and had delaminating edges.	\$ 9,511
1B51 GAR-1	The TPO roof coverings had reached the end of their expected useful life.	\$ 356,075
1B51 GAR-1	The roof's skylights had reached the end of their expected useful life.	\$ 1,650
1B51 GAR-1	The metal roof hatch had reached the end of its expected useful life.	\$ 3,505

1B51 GAR-1	The paint on the wash bay walls is deteriorated and peeling.	\$ 6,022
1B51 GAR-1	The fire alarm devices were not operational.	\$ 51,539
1B51 GAR-1	The panelboards had exceeded their expected useful life.	\$ 29,976
1B51 GAR-1	The asphalt paving had moderate linear cracking.	\$ 579
1B51 GAR-1	The 1987-aged hollow metal door frames had moderate rust corrosion throughout.	\$ 4,879
1B51 GAR-1	The steel urinal partition in the men's restroom had excessive rust corrosion.	\$ 1,499
TOTAL		\$471,970.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Mt. Pleasant TSC

Assessor: AECOM

Inspection Date: 10/25/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
TSC	1	3	3	3	3	3	3	0	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1B50 TSC-1	The asphalt paving had moderate linear cracking, deteriorated seal coat, and deteriorated striping.	\$ 2,950
TOTAL		\$2,950

2022/2023 FACILITY ASSESSMENT

MDOT Site: Saginaw West Garage

Assessor: AECOM

Inspection Date: 10/25/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	4	3	4	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	4	3	0	0	0	0	3	3	0
CSB	2	3	3	3	0	3	3	3	0	0	0	0	3	3	0
CSB	3	3	3	3	3	3	3	3	3	3	0	0	3	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	3	3	3	3	4	3	3	3	0	4	4	4	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1B32 CSB-3	The panelboard had exceeded its expected useful life.	\$ 6,735

1B32 CSB-1	The timber columns were rotted at grade, several had cracks and repairs, and the north and east walls had diagonal braces added for structural support.	\$ 2,500
1B32 CSB-1	The asphalt shingles were curling and the fascia boards were deteriorated and broken.	\$ 35,975
1B32 CSB-2	The enclosed circuit breaker (ECB) had exceeded its expected useful life.	\$ 4,906
1B32 CSB-2	The interior lighting had exceeded its expected useful life.	\$ 4,797
1B32 FSB-1	The door had significant peeling paint and the bottom of the doors were corroded.	\$ 2,620
1B32 GAR-1	Facility staff reported the TPO roof was regularly requiring leak repairs, and the wood nailer boards and cap flashing were displaced along the top of the north wall.	\$ 239,797
1B32 GAR-1	The plumbing fixtures throughout the building had exceeded their expected useful life.	\$ 42,047
1B32 GAR-1	The furnace had exceeded its expected useful life and parts are no longer available for repair.	\$ 3,446
1B32 GAR-1	The electrical distribution equipment had exceeded its expected useful life. Facility staff reported there was no 3-phase power available due to a melted lug in the main disconnect.	\$ 21,451
1B32 GAR-1	Moderate to severe alligator cracking, longitudinal, and transverse cracking was observed throughout the site. Isolated sections of paving had missing asphalt and substrate was visible. Damaged curbs were observed throughout.	\$ 408,704
1B32 GAR-1	Site lights were flickering throughout and driveway lights were not operational.	\$ 49,312
1B32 GAR-1	Sections of fencing had broken and bent posts. Fencing did not enclose the entire property; no fencing was observed on the southwest corner behind SSB-1. The north east corner of fencing was collapsed entirely.	\$ 773,522
1B32 GAR-1	Facility staff reported that there were constant issues with lighting ballasts throughout the building.	\$ 36,704

1B32 GAR-1	Facility staff indicated the trench drain in the main bay had drainage issues due to the floor construction.	\$ 4,182
TOTAL		\$1,636,698.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Clare Welcome Center

Assessor: AECOM

Inspection Date: 10/26/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
HSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
WCT	1	3	3	3	3	3	3	0	3	4	0	3	3	4	3

Location/Building Code	Deficiency	Estimated Cost
2B20 HSB-1	The heaters were not operational at the time of the assessment.	\$ 4,982
2B20 HSB-1	The sectional door's bottom seal was allowing water infiltration into the building.	\$ 250
2B20 WCT-1	The flush valves in the restrooms were moderately corroded.	\$ 1,600

2B20 WCT-1	Facility staff reported heavy iron in the water which was causing severe corrosion in the heating hot water pipes and pumps. Corrosion was observed throughout the mechanical room due to leaking water.	\$ 252,043
2B20 WCT-1	The PV system was not operational. Facility staff reported debris from the nearby road struck and damaged a panel, which caused the system to malfunction. The damage was reported, but has not yet been repaired.	\$ 215,104
TOTAL		\$473,979.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Bay Region Maintenance Crews

Assessor: AECOM

Inspection Date: 10/27/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	4	0	3	3	3	0	0	0	0	3	3	0
CSB	2	3	3	3	0	3	3	3	0	0	0	0	3	3	0
CSB	3	3	3	0	0	3	3	0	0	0	0	0	0	0	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
FSB	2	3	3	0	0	3	3	0	3	0	0	0	3	0	0
HSB	1	3	3	3	0	3	3	0	3	3	0	3	3	3	3
RMC	1	3	3	4	3	3	3	3	3	4	0	3	3	4	3

Location/Building Code	Deficiency	Estimated Cost
1B11 CSB-1	The timber columns were rotted at grade.	\$ 2,500

1B11 CSB-1	The plywood panels were damaged and several were displaced.	\$ 27,767
1B11 FSB-1	The exterior doors had exceeded their expected useful life and had surface damage and minor rust corrosion.	\$ 5,239
1B11 FSB-2	The exterior doors had exceeded their expected useful life.	\$ 5,239
TOTAL		\$40,745.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Saginaw East Garage

Assessor: AECOM

Inspection Date: 10/27/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	3	3	3	3	3	3	3	4	0	3	3	3	0
HSB	1	3	3	3	0	3	3	3	4	3	0	0	3	3	0
HSB	2	3	3	3	0	3	3	3	3	3	0	0	3	3	0
SSB	1	3	4	3	0	3	3	3	0	3	0	0	3	3	0
SSB	2	3	3	3	0	3	3	3	0	3	0	0	3	3	0
SSB	3	2	2	2	0	2	2	2	0	2	0	0	2	2	0

Location/Building Code	Deficiency	Estimated Cost
1B31 FSB-1	The hollow metal door had excessive corrosion and impact damage at the bottom. The hinges had excessive corrosion.	\$ 2,620
1B31 HSB-1	The formed metal panels on the north and south walls had impact damage in several areas.	\$ 7,383
1B31 HSB-1	The hollow metal doors had corrosion at the bottom of the doors and frames.	\$ 13,556
1B31 HSB-2	The formed metal panels on the north, west, and south walls had impact damage in several areas including above the south overhead door.	\$ 3,164
1B31 HSB-2	The hollow metal doors had corrosion on the doors and frames.	\$ 6,778
1B31 GAR-1	The condensing unit utilized R-22 refrigerant, which is no longer in production.	\$ 16,879
1B31 GAR-1	A hollow metal door on the west side of the building had deteriorated paint, scratches, and moderate rust corrosion at the base of the door and frame.	\$ 3,389
1B31 GAR-1	The steel toilet partition adjacent to the urinal in the men's restroom had excessive corrosion.	\$ 3,027
1B31 SSB-1	The exterior surfaces of the timber columns and boards were weathered.	\$ 73,514
1B31 SSB-1	The painted plywood siding surfaces were weathered and deteriorated.	\$ 10,535
1B31 SSB-1	Damaged boards were observed at the base of walls.	\$ 7,714
TOTAL		\$148,559.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Bay Region Office / Huron TSC

Assessor: AECOM

Inspection Date: 10/28/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
FSB	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REG	1	3	3	3	3	3	4	0	4	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1B00 REG-1	There was no gutter on most of the north and east roof facias which allowed storm water run-off to fall off of the roof right to the base of the north walls and on HVAC equipment along the east wall.	\$ 30,127
1B00 REG-1	The asphalt shingle roof covering was approaching the end of its expected useful life and had areas with curled shingles.	\$ 88,072
1B00 REG-1	The concrete slabs in the vehicle storage bays had spalling along the trench drains.	\$ 8,941

1B00 REG-1	The 2004 hollow metal doors had rust corrosion on their exterior surface and along the bottom of the doors.	\$ 12,984
TOTAL		\$140,124.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Davison TSC

Assessor: AECOM

Inspection Date: 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
HSB	1	3	3	3	3	3	3	3	3	3	0	3	3	3	0
TSC	1	3	3	3	3	3	3	0	3	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1B40 HSB-1	The exterior metal door and hardware were corroded.	\$ 3,246
1B40 TSC-1	The exterior metal doors did not seal properly and had areas of surface corrosion.	\$ 6,492
TOTAL		\$9,738.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: St. Clair Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	3	4	3	3	0	3	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
36B7 BRG-1	The smoke detector did not function at the time of the assessment.	\$ 150
36B7 BRG-1	The windows were designed to be operable, but no longer opened.	\$ 36,445
TOTAL		\$36,595.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Lafayette Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 12/6/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	3	4	3	3	3	3	4	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
12B2 BRG-1	The PTAC unit had exceeded its expected useful life.	\$ 14,140
12B2 BRG-1	Facility staff reported that the building settlement would not allow the windows to fully open. A quarter of the window panes were fogged and one frame was loose at the bottom frame.	\$ 63,779
12B2 BRG-1	The VCT on the top level was heavily worn and scratched.	\$ 6,926
12B2 BRG-1	The hollow metal door had rust corrosion on its surface and frame.	\$ 3,930
TOTAL		\$88,775.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Veterans Memorial Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 12/6/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	3	3	3	3	0	3	3	0	3	3	4	0

Location/Building Code	Deficiency	Estimated Cost
14B1 BRG-1	The radiator for the generator was installed on the exterior of the building and was severely corroded. The battery alarm was continuously in trouble status.	\$ 7,500
14B1 BRG-1	The emergency fixtures were not functional at the time of the assessment.	\$ 7,778
14B1 BRG-1	The camera monitoring was not functional at the time of the assessment.	\$ 5,000
TOTAL		\$20,278.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Zilwaukee Bridge Maintenance Facility

Assessor: AECOM

Inspection Date: 12/6/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	0	3	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
GAR	1	3	3	3	3	3	3	3	3	3	0	3	3	3	0
HSB	1	3	3	3	3	3	3	3	3	3	0	0	3	3	0
HSB	2	3	3	3	3	3	3	3	3	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1B12 HSB-2	The T12 fixtures had exceeded their expected useful life. T12 lamps are no longer manufactured.	\$ 875
1B12 GAR-1	Minor longitudinal cracking was observed throughout the parking lots and driveways.	\$ 580
1B12 GAR-1	The metal clad doors had moderate rust corrosion along the bottom of the doors and on hinges.	\$ 5,421
TOTAL		\$6,876.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Bay City TSC

Assessor: AECOM

Inspection Date: 12/6/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
HSB	1	3	3	3	3	3	3	3	3	3	0	3	3	3	0
TSC	1	3	3	3	3	3	3	0	3	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1B30 HSB-1	The condensing unit utilized R-22 refrigerant which is no longer in production.	\$ 8,173
1B30 HSB-1	The doors had moderate corrosion on their exterior surfaces.	\$ 6,508
1B30 SHB-1	There was moisture damage along the perimeter of the plywood wall exterior.	\$ 4,628
1B30 TSC-1	The mini split system condenser utilized R-22 refrigerant, which is no longer manufactured.	\$ 6,454

1B30 TSC-1	The asphalt covering showed evidence of previous crack-seal attempts. Sealed cracks have broken through patches. Longitudinal and transverse cracking was observed throughout.	\$ 500
TOTAL		\$26,263.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Military Lift Bridge

Assessor: AECOM

Inspection Date: 12/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	3	3	3	3	0	3	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
35B7 BRG-1	N/A	0.00
TOTAL		\$ 0.00

BUREAU OF BRIDGES & STRUCTURES

2022/2023 FACILITY ASSESSMENT

MDOT Site: Port Huron Project Office (Temporary)

Assessor: AECOM

Inspection Date: 12/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
OFF	1	3	3	3	3	3	4	3	3	4	0	3	3	3	3
SHB	1	3	3	3	0	0	3	0	3	0	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1B71 OFF-1	The asphalt shingles roof covering was approaching the end of its expected useful life.	\$ 49,820
1B71 OFF-1	The RTU utilized R-22 refrigerant which is no longer being manufactured.	\$ 42,441
1B71 OFF-1	The asphalt paved parking lots had excessive amounts of linear and alligator cracking throughout.	\$ 75,126

1B71 OFF-1	The hollow metal door had moderate rust corrosion on its frame, hasp hardware, and around its glass lite frame.	\$ 3,930
TOTAL		\$171,317.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Blue Water Bridge Administration

Assessor: AECOM

Inspection Date: 12/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	3	0	3	3	3	0	0	0	3	3	0
GEN	1	3	3	3	0	3	3	0	3	3	3	3	3	4	0
INS	1	3	3	3	3	3	3	3	3	3	0	3	3	4	3
INS	2	3	3	3	3	3	3	0	4	3	0	3	3	3	0
OFF	1	3	3	3	3	3	3	0	3	3	0	3	3	3	3
OTH	1	3	3	0	0	0	3	0	3	3	3	3	3	3	0
TLB	1	4	3	3	3	3	3	3	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
OFF1	Exterior stairs are in need of repairs; galvanized coating is worn and rusting	\$ 530
INS1	The transformer in the first floor electrical closet is severely corroded	\$ 11,950
INS2	The exterior doors have reached end of useful life	\$ 10,404
INS2	VCT flooring exceed useful life, scuffed, stained, worn	\$ 4,331
TLB1	Rust corrosion and impact damage to exterior walls, spalling and impact damage to concrete panels, missing concrete panels, rust corrosion on doors – replace 5 original toll booths, replace 12 original inspection booth, incorporate space for bathroom and break room	\$ 877,404
CSB1	Impact damage and corrosion to exterior wall panels	\$ 1,000
GEN1	The generator is not functional, replace the generator	\$ 184,253
OTH1	The exterior doors are corroded, replace exterior doors	\$ 5,239
		\$1,095,111

2022/2023 FACILITY ASSESSMENT

MDOT Site: Port Huron Garage

Assessor: AECOM

Inspection Date: 12/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	0	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
GAR	1	3	3	3	3	3	3	3	4	4	3	3	3	3	3
SHB	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSB	1	3	3	3	0	0	3	0	3	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
BWB5 GAR-1	The condensing unit utilized R-22 refrigerant which is no longer being manufactured.	\$ 13,416
BWB5 GAR-1	The hollow metal sidelight frame at the northwest office entrance was moderately rusted along the bottom.	\$ 4,181
BWB5 GAR-1	The hollow metal doors and their frames had moderate rust corrosion at their bottoms.	\$ 35,370

1B71 OFF-1	The asphalt shingles roof covering was approaching the end of its expected useful life.	\$ 49,820
1B71 OFF-1	The RTU utilized R-22 refrigerant which is no longer being manufactured.	\$ 42,441
1B71 OFF-1	The asphalt paved parking lots had excessive amounts of linear and alligator cracking throughout.	\$ 75,126
1B71 OFF-1	The hollow metal door had moderate rust corrosion on its frame, hasp hardware, and around its glass lite frame.	\$ 3,930
TOTAL		\$224,284.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Port Huron Welcome Center

Assessor: AECOM

Inspection Date: 12/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
2	0	2	0	2	2	2

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WCT	1	2	2	2	2	2	2	0	2	2	0	2	2	2	2

Location/Building Code	Deficiency	Estimated Cost
BWB6 WCT-1	The hot water storage tanks were moderately corroded.	\$ 500
TOTAL		\$500.00

GRAND REGION

2022/2023 FACILITY ASSESSMENT

MDOT Site: Muskegon TSC

Assessor: AECOM

Inspection Date: 8/8/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
HSB	1	3	3	3	3	3	3	3	3	3	0	3	3	3	0
TSC	1	3	3	3	3	3	3	0	3	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1G03 HSB-1	Facility staff reported the furnace was inefficient and capacity did not support the required load.	\$ 3,346
1G03 TSC-1	Building staff reported that one of the furnaces had a damaged heating element and only two of three furnaces were operational. This adds additional load on working furnaces and causes HVAC zone issues.	\$ 500
1G03 TSC-1	The asphalt paving had areas of cracking.	\$ 1,000

1B51 GAR-1	The steel urinal partition in the men's restroom had excessive rust corrosion.	\$ 1,499
TOTAL		\$6,345.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Grand Haven Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 8/8/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	4	4	4	4	3	3	0	4	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
30G8 BRG-1	Significant structural and foundation issues were observed throughout the building. Walls and ceilings were cracked throughout and the structural support beams on the lower floors were eroding.	\$ 45,000
30G8 BRG-1	There was cracking, spalling and efflorescence observed on the exterior concrete walls. Additionally, there was efflorescence on the interior of the building.	\$ 75,000
30G8 BRG-1	Several holes were present throughout the interior.	\$ 50,000

30G8 BRG-1	The service sink had exceeded expected useful life and was leaking at the time of the assessment.	\$ 2,724
30G8 BRG-1	The windows had deteriorated sealant, were weathered and damaged, and one window was shattered.	\$ 31,890
30G8 BRG-1	The VCT flooring was cracked and worn.	\$ 4,331
30G8 BRG-1	The emergency lighting fixtures had exceeded their expected useful life and were not operational.	\$ 5,833
30G8 BRG-1	The hollow metal doors, frames, and thresholds had moderate rust corrosion.	\$ 15,720
TOTAL		\$230,498.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Cadillac TSC

Assessor: AECOM

Inspection Date: 8/29/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
TSC	1	3	3	3	3	3	3	0	3	4	0	3	3	3	3
TST	1	3	3	3	3	3	3	3	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1G11 TST-1	The egress lighting was inoperable at the time of assessment.	\$ 1,945
TOTAL		\$1,945.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Reed City Garage

Assessor: AECOM

Inspection Date: 9/19/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	0	4	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
GAR	1	3	4	3	3	3	4	4	3	4	3	4	3	4	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	3	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	4	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
SSB	2	3	3	3	0	3	3	3	0	4	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1G12 GAR-1	There was minor step cracking and peeling paint throughout the 1976 exterior wall sections.	\$ 77,819
1G12 GAR-1	Facility staff reported that the TPO roof underwent recent repairs for leaks and appeared to be approaching the end of its expected useful life.	\$ 246,095
1G12 GAR-1	The rooftop package air-conditioning unit was charged with R-22 refrigerant, which is no longer manufactured in or available via import to the United States.	\$ 17,915
1G12 GAR-1	The majority of the rooftop exhaust fans had exceeded their expected useful life.	\$ 11,000
1G12 GAR-1	The make-up air units were corroded and likely had exceeded their expected useful life.	\$ 74,547
1G12 GAR-1	Four electrical panelboards remained from original building construction and had exceeded their expected useful life.	\$ 23,279
1G12 GAR-1	The chain link fencing had rust corroded barbed wire and approximately 70 LF of the fence along the east side of the site had bent posts and top rails. The fence also had areas of vegetation overgrowth in the fence fabric.	\$ 52,317
1G12 GAR-1	The parking lot striping was deteriorated and faded.	\$ 2,219
1G12 GAR-1	The water heater had exceeded its expected useful life.	\$ 12,882
1G12 GAR-1	The interior HID fixtures in the wash bay had exceeded their expected useful life.	\$ 7,195
1G12 GAR-1	Seven of the nine electric metal overhead sectional doors had exceeded their expected useful life.	\$ 72,368
1G12 GAR-1	The majority of the exit signage throughout the building had exceeded its expected useful life.	\$ 5,005
1G12 SSB-2	Two axial exhaust fans were not operating at the time of the assessment. All fans were heavily corroded and assumed to be beyond their expected useful life.	\$ 13,750
1G12 SSB-2	The exterior electrical panelboard near the building entrance had signs of corrosion and was at the end of its useful life.	\$ 6,782

1G12 SHB-1	Because the building does not have an appropriate foundation, the bottom trim board and the floor structure were deteriorated. Additionally, the built-up asphalt ramp approaching the building did not reach the level of the floor.	\$ 2,631
1G12 SHB-1	The roof was missing shingles in multiple locations and had exceeded its expected useful life.	\$ 930
1G12 SHB-2	The paint along the grout lines in the CMU exterior was deteriorated.	\$ 6,259
1G12 SHB-4	There was moisture damage to the floor of the building.	\$ 1,914
1G12 SHB-4	There was a section of damaged roof and trim and the asphalt shingles had exceeded their expected useful life.	\$ 689
TOTAL		\$635,596.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Howard City Complex (Leased by MSP)

Assessor: AECOM

Inspection Date: 9/19/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
HSB	1	3	3	3	0	3	3	3	3	0	0	0	3	3	0
TSC	1	3	3	3	3	3	3	0	3	4	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1G14 TSC-1	The package air conditioning unit was charged with R-22 refrigerant, which has been phased out of production in the United States and is not available by import.	\$ 24,296
1G14 TSC-1	Linear cracking with vegetation growth and deteriorated striping was observed throughout the parking lots.	\$ 43,129

1G14 TSC-1	Corrosion was observed on the toilet partition adjacent to the urinal in the men's multi-occupant restroom.	\$ 3,027
TOTAL		\$70,452.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Marion Garage

Assessor: AECOM

Inspection Date: 9/20/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	4	3	0	3	3	3	0	3	0	0	3	3	0
CSB	2	3	4	3	3	3	3	3	3	3	0	0	3	3	0
GAR	1	3	4	4	3	3	3	3	3	4	3	4	3	4	3
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1G13 GAR-1	There was minor step cracking and peeling paint throughout the 1974-age exterior wall sections.	\$ 30,189
1G13 GAR-1	The air-cooled condensers for the ducted split systems were charged with R-22 refrigerant, which is no longer manufactured in or available via import to the United States.	\$ 23,328
1G13 GAR-1	Two electrical panelboards remained from original building construction and had exceeded their expected useful life.	\$ 11,640
1G13 GAR-1	The asphalt paving had linear cracking throughout and some areas of alligator cracking, and the striping had minor wear.	\$ 63,994
1G13 GAR-1	The VCT flooring was heavily worn under chair rollers.	\$ 11,531
1G13 GAR-1	The gas-fired water heater had exceeded its expected useful life.	\$ 19,987
1G13 GAR-1	Facility staff noted that the waste water storage tank did not have a tank fill level or alarm system to indicate the tank was nearing capacity.	\$ 7,500
TOTAL		\$168,169.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Grand Region Maintenance Crews

Assessor: AECOM

Inspection Date: 10/11/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
RMC	1	3	3	3	3	3	3	3	3	4	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1G05 RMC-1	The translucent fiberglass panels on the south wall had surface deterioration.	\$ 1,001
1G05 RMC-1	Minor step cracking was observed in the south wall.	\$ 2,596
1G05 RMC-1	Two of the condensing units utilized R-22 refrigerant which is no longer in production.	\$ 16,346
1G05 RMC-1	The chain link fence was aged, had damaged posts, rails and fabric, and components with moderate rust corrosion.	\$ 209,335
1G05 RMC-1	The chain link gates were aged and had bent and rusting components.	\$ 25,989

1G05 RMC-1	The asphalt paving had moderate amounts of linear cracking.	\$ 6,296
TOTAL		\$261,563.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Hastings Garage

Assessor: AECOM

Inspection Date: 10/11/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	4	3	4	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	3	4	3	3	3	4	3	3	0	3	3	4	0
SHB	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	0	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1G07 CMA-1	The plywood siding had deteriorated paint and moisture damage along the bottom of the walls.	\$ 4,217
1G07 GAR-1	The electrical distribution system equipment had exceeded the end of its expected useful life.	\$ 51,426

1G07 GAR-1	The chain link fence had sections of damaged fabric, posts, and rails and areas with heavy vegetation growth.	\$ 106,740
1G07 GAR-1	Facility staff reported that the site did not have adequate storm water drainage.	\$ 10,000
1G07 GAR-1	The asphalt paved parking lot had moderate linear cracking and ponding areas with alligator cracking as well as damaged concrete curbs.	\$ 207,156
1G07 GAR-1	The VCT had a worn surface, curling edges and missing tiles.	\$ 25,594
1G07 GAR-1	The 1985 electric metal sectional overhead doors had exceeded their expected useful life.	\$ 13,728
TOTAL		\$418,861.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Grand Rapids Garage

Assessor: AECOM

Inspection Date: 10/11/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
GAR	1	3	4	3	3	3	3	3	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1G10 GAR-1	The painted CMU walls had excessive peeling paint throughout.	\$ 43,464
1G10 GAR-1	The condensing unit utilized R-22 refrigerant which is no longer in production.	\$ 8,173
1G10 GAR-1	The asphalt parking lot had linear cracks throughout including some with vegetation growth.	\$ 31,930
TOTAL		\$83,567.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Fennville Garage

Assessor: AECOM

Inspection Date: 10/12/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FSB	1	2	2	0	0	2	2	0	2	0	0	0	2	0	0
GAR	1	3	4	3	3	3	3	3	3	4	0	4	4	3	0
HSB	1	3	3	3	0	3	3	3	3	3	0	0	4	3	0
HSB	2	2	2	2	2	2	2	2	2	2	0	2	2	2	0
SSB	1	3	3	0	0	3	3	0	0	3	0	0	3	3	0
SSB	2	2	2	2	0	2	2	0	0	2	0	0	2	2	0

Location/Building Code	Deficiency	Estimated Cost
1G09 GAR-1	The exhaust fans throughout the building were moderately corroded and had exceeded their expected useful life.	\$ 19,250

1G09 GAR-1	Several sections of security fencing had missing security wire and were corroded and damaged.	\$ 26,787
1G09 GAR-1	The asphalt paving had linear cracking throughout and some areas of alligator cracking. The striping had minor wear.	\$ 1,562
1G09 GAR-1	Staff reported issues with the septic system including broken pipes and improperly graded pavement. A retention pond was installed to mitigate flooding, but flooding still occurs.	\$ 2,500
1G09 GAR-1	Facility staff reported issues with current lighting fixtures, indicating several ballasts worked intermittently. Facility staff reported a lighting ballast caused a shortage and caught fire.	\$ 23,982
1G09 GAR-1	Building staff indicated severe drainage issues in the shop and wash bay. Staff reported constant backed up water, voids in foundation, and broken pipes.	\$ 32,600
1G09 SSB-2	The plywood siding on the west wall of the brine tank enclosure had moisture damage along the bottom, assumed to be caused by storm water runoff from the roof splashing on the siding.	\$ 3,421
1G09 SSB-1	The concrete walls at the building entrance were cracked, spalled, and had exposed and corroded rebar.	\$ 2,683
TOTAL		\$112,785.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Plainwell Garage

Assessor: AECOM

Inspection Date: 10/13/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	4	3	4	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
CSB	1	3	3	3	0	3	3	3	3	0	0	0	3	3	0
FSB	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAR	1	3	3	4	4	3	3	3	3	3	0	4	3	4	3
SSB	1	3	3	3	0	3	3	0	0	3	0	0	3	3	0
SSB	2	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1G08 CSB-1	The electrical distribution equipment had exceeded its expected useful life.	\$ 9,811
1G08 GAR-1	The base of the rigid frame columns in the wash bay were excessively corroded and had lost most of their structural section. This poses a life safety issue and was reported to facility staff at the time of the assessment.	\$ 3,773
1G08 GAR-1	The painted CMU in the garage had excessive peeling paint.	\$ 12,390
1G08 GAR-1	The electrical distribution equipment had exceeded its expected useful life.	\$ 39,787
1G08 GAR-1	Sections of the site fencing were severely corroded and damaged.	\$ 21,441
1G08 GAR-1	Significant drainage issues were reported and observed. The south side of the site was sloped improperly and did not drain to a catch basin, standing water and eroded earth was observed on the paved lot. North drainage emptied to storage tanks that did not have an overfill alarm and constantly overflowed damaging the area around the tanks.	\$ 5,000
1G08 GAR-1	Areas of the site were repaired with 3 inches of asphalt, but underlying cracking was not repaired, causing cracks in the re-paved areas.	\$ 5,315
1G08 GAR-1	The facility staff reported that the single pane windows in the garage were inefficient.	\$ 79,428
1G08 GAR-1	The VCT in the office area had heavy surface wear.	\$ 13,257
1G08 GAR-1	The bottom surface of the metal lockers were excessively corroded.	\$ 11,987
1G08 GAR-1	Building staff reported that the catch basins throughout the shops and wash bay were constantly blocked and backed up into the building, requiring frequent maintenance to keep drains clear.	\$ 117,414
TOTAL		\$319,603.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Grand Region Office

Assessor: AECOM

Inspection Date: 10/14/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
REG	1	3	3	3	3	3	4	0	3	4	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1G01 REG-1	The exterior walls had deteriorated expansion joint sealant	\$ 2,587
1G01 REG-1	The exterior walls had loose and missing tiles.	\$ 4,957
1G01 REG-1	The EPDM membrane roof had exceeded it's expected useful life and ponding was observed throughout the low slope roof as well as multiple patches and an active leak observed in the men's restroom.	\$ 243,934
1G01 REG-1	The mini split system condensing units utilized R-22 refrigerant which is no longer in production.	\$ 31,144
1G01 REG-1	The parking lot had a minor amount of linear cracking.	\$ 150
1G01 REG-1	Sewer gas was entering the lab area through the floor drain.	\$ 5,000
TOTAL		\$287,772.00

LANSING

2022/2023 FACILITY ASSESSMENT

MDOT Site: Operations Field Services (OFS)

Assessor: AECOM

Inspection Date: 8/2/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	4	4	4	3	3	3	4	3	3	0	3	4	4	0
GAR	1	3	3	4	3	3	4	4	3	3	0	3	3	3	3
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
1102 CSB-1	There was evidence of corrosion from prior water intrusion; however, the assessment team was challenged to determine additional deficiencies due to inadequate lighting within the space.	\$ 10,000
1102 CSB-1	The formed metal exterior wall panels were beyond their expected useful life.	\$ 98,762

1L02 CSB-1	There was damage and signs of water intrusion at the corner of the CMU wall.	\$ 9,449
1L02 CSB-1	The exterior wood stairs were deteriorated and beyond their expected useful life.	\$ 2,778
1L02 CSB-1	It appeared that the water utility had been disconnected. The restrooms were no longer in use and plumbing fixtures were in poor condition.	\$ 2,392
1L02 CSB-1	The AC thru-wall unit in the mezzanine office was not operational.	\$ 500
1L02 CSB-1	It was unknown whether the electrical service to the interior was still in use. There was aged electrical distribution equipment throughout the building. Panels were missing covers, which was a potential life safety hazard.	\$ 28,191
1L02 CSB-1	The exterior windows were beyond their expected useful life. The frames were corroded and one window was broken.	\$ 6,553
1L02 CSB-1	The mezzanine stair was dirty and paint finish was worn.	\$ 500
1L02 CSB-1	The floor finishes in the unused mezzanine, restrooms and support areas were deteriorated.	\$ 13,805
1L02 CSB-1	It appeared the facility water utility was disconnected. The hot water heated was no longer in use.	\$ 500
1L02 CSB-1	The interior lighting was inadequate and beyond its expected useful life.	\$ 23,193
1L02 CSB-1	The exterior personnel door at the loading dock was beyond its expected useful life. The door was corroded and there were signs of pest intrusion inside the facility.	\$ 3,389
1L02 CSB-1	The exterior manual overhead doors at the loading dock were beyond their expected useful life. The doors were damaged or did not close securely. There were signs of pest intrusion inside the facility.	\$ 29,269
1L02 CSB-1	The mezzanine, restroom, and support area ceiling finishes were deteriorated.	\$ 20,180
1L02 GAR-1	The age of the roof was unknown at the time of the assessment; however, it will be nearing the end of its expected useful life if it is original construction. The roof was repaired recently to resolve water intrusion issues.	\$ 683,141
1L02 GAR-1	The asphalt parking lot was deteriorated and there was drainage issues with ponding and pavement failure.	\$ 1,400,000
1L02 GAR-1	The carpet in the open office area was generally worn and stained throughout high traffic areas.	\$ 104,153
1L02 GAR-1	The overhead door openers had been replaced, but the doors were deteriorated.	\$ 147,064

1L02 GAR-1	The insulation in the bay area was observed with water damage in several large areas.	\$ 5,000
TOTAL		\$2,588,819.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Fleet Administration and Operations

Assessor: AECOM

Inspection Date: 8/3/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
GAR	1	3	3	4	3	3	3	3	3	4	4	4	4	3	3
HSB	1	3	3	3	3	3	3	3	3	4	0	3	4	3	0
HSB	2	3	4	3	4	3	3	3	3	4	0	0	3	3	3
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
1L04 HSB-2	The exterior metal panels were peeled away from the edges, patched, and the paint was faded.	\$ 15,819
1L04 HSB-2	The unit heater was not properly supported. The support structure was not properly anchored to support the weight of the unit heater.	\$ 12,857

1L04 HSB-2	The fire alarm appeared to be non-operational and beyond its expected useful life.	\$ 4,395
1L04 HSB-2	The electrical panel was aged beyond its expected useful life.	\$ 5,563
1L04 HSB-2	The windows were deteriorated and aged beyond their expected useful life.	\$ 15,677
1L04 HSB-2	Facility staff reported that the interior and exterior lighting was inadequate. The lighting fixtures were aged beyond their expected useful life.	\$ 6,562
1L04 GAR-1	Facility staff reported that repairs were needed on the lower roof system.	\$ 5,002
1L04 GAR-1	The lower sections of roof shingles were deteriorated.	\$ 1,654
1L04 GAR-1	An eye wash station in the garage was dirty and corroded.	\$ 1,302
1L04 GAR-1	Several multi-occupancy restroom and kitchen fixtures were beyond their expected useful life.	\$ 21,146
1L04 GAR-1	The wall-mounted exhaust fans were beyond their expected useful life.	\$ 11,447
1L04 GAR-1	The vehicle exhaust systems present in the garage area were beyond their expected useful life.	\$ 106,963
1L04 GAR-1	Several areas of concrete sidewalk were deteriorated and cracked.	\$ 5,000
1L04 GAR-1	The locker/break room floor was not level and had a significant slope causing a potential tripping or fall hazard.	\$ 26,502
1L04 GAR-1	The interior and exterior lighting fixtures were beyond their expected useful life.	\$ 76,731
1L04 GAR-1	The cabinets and countertops in the kitchen were deteriorated.	\$ 20,069
1L04 HSB-2	The exterior metal panels were peeled away from the edges, patched, and the paint was faded.	\$ 15,819

1L04 HSB-2	The unit heater was not properly supported. The support structure was not properly anchored to support the weight of the unit heater.	\$ 12,857
1L04 HSB-2	The fire alarm appeared to be non-operational and beyond its expected useful life.	\$ 4,395
1L04 HSB-2	The electrical panel was aged beyond its expected useful life.	\$ 5,563
TOTAL		\$375,323.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Aeronautics Administration and Operations

Assessor: AECOM

Inspection Date: 8/3/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
AER	1	3	3	3	3	3	3	3	3	3	0	3	3	4	3
HNG	1	3	3	4	4	3	3	3	3	3	0	4	3	4	3

Location/Building Code	Deficiency	Estimated Cost
1L05 AER-1	The humidifier in one of the conference rooms was not functioning as intended.	\$ 2,500
1L05 AER-1	The electrical switchboard, transformer and distribution panels were at the end of expected useful life.	\$ 179,734
1L05 AER-1	It was unknown whether MDOT maintained the auxiliary parking lot east Port Lansing Road. There was a significant amount of crack repairs performed; however, several repairs were beginning to fail.	\$ 490,711

1L05 HNG-1	Stains and leaks in the mop sink were present in the hangar area.	\$ 500
1L05 HNG-1	The eyewash fixture valves and piping were corroded.	\$ 2,500
1L05 HNG-1	The main panelboards, transformers and electrical distribution equipment were at the end of expected useful life.	\$ 164,032
1L05 HNG-1	There were signs of corrosion and leaking of the windows at the southeast elevation. Facility staff reported that windows in Hangar 2 had been an issue over time with leaks; however, there were no major issues since performance of maintenance repairs.	\$ 46,960
1L05 HNG-1	There was moderate scratching and deterioration from typical use throughout the garage and hangars.	\$ 70,807
1L05 HNG-1	Several shut-off valves were corroded and were susceptible to failure during operation.	\$ 23,433
TOTAL		\$981,177.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Nixon Warehouse

Assessor: AECOM

Inspection Date: 8/3/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WRH	1	3	3	4	3	3	4	4	3	4	0	4	4	4	0

Location/Building Code	Deficiency	Estimated Cost
1L07 WRH-1	There were signs of water intrusion in the high bay insulation and in the office area.	\$ 75,306
1L07 WRH-1	All plumbing fixtures in the single-occupant restrooms were cracked, corroded, and stained. The facility staff reported sanitary pipes being clogged in the restrooms.	\$ 23,262
1L07 WRH-1	The mop basin was cracked and deteriorated.	\$ 850
1L07 WRH-1	The exhaust fan in the high bay was non-operational.	\$ 1,486

1L07 WRH-1	Several of the infrared radiant tube heaters were non-operational.	\$ 23,711
1L07 WRH-1	The diffusers/underfloor ducts were assumed to be in poor condition. Growth of mold is a possibility given the condition of the warehouse.	\$ 39,301
1L07 WRH-1	The furnace was beyond its expected useful life and assumed to be non-operational.	\$ 2,975
1L07 WRH-1	The electrical distribution was beyond its expected useful life.	\$ 50,018
1L07 WRH-1	The asphalt roadway and parking lot had moderate amounts of linear cracking throughout.	\$ 14,901
1L07 WRH-1	The windows were beyond their expected useful life.	\$ 6,553
1L07 WRH-1	The floor finishes in the unoccupied office and support areas were stained and deteriorated, indicating a potential for mold and air quality issue.	\$ 4,405
1L07 WRH-1	The water heater was non-operational and beyond its expected useful life.	\$ 3,574
1L07 WRH-1	A majority of the light fixtures were non-operational or were flickering. The lights in the unoccupied office were non-operational.	\$ 23,225
1L07 WRH-1	Two of the four overhead doors were not in use. Facility staff reported that all the overhead doors were beyond their expected useful life.	\$ 37,097
1L07 WRH-1	The batt insulation in the high bay area was observed with significant damage due to water intrusion from the roof.	\$ 19,749
1L07 WRH-1	The ACT was observed with damage throughout.	\$ 24,867
TOTAL		\$351,280.00

METRO REGION

2022/2023 FACILITY ASSESSMENT

MDOT Site: Taylor TSC

Assessor: AECOM

Inspection Date: 11/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
HSB	1	2	2	2	2	2	2	2	2	2	0	2	2	2	0
TSC	1	3	3	3	3	3	3	0	3	4	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1M02 – TSC1	Mechanical/HVAC – RTU is beyond useful life, R22 refrigerant, obsolete and should be replaced	79,723
1M02 – TSC1	Pavement is alligator cracking throughout, needs to be resealed	34,899
TOTAL		\$ 114,622

2022/2023 FACILITY ASSESSMENT

MDOT Site: Ford/Wyoming Salt Storage

Assessor: AECOM

Inspection Date: 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
HSB	1	2	2	2	2	2	2	2	2	2	0	2	2	2	0
TSC	1	3	3	3	3	3	3	0	3	4	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1M53 SSB-2	Excessive rust corrosion was observed on the formed metal panels as well as moderate amounts of minor impact damage throughout.	\$ 42,686
1M53 SSB-2	The sliding doors were missing and there were missing and damaged plastic strips on the door curtain.	\$ 37,620
1M53 SSB-1	The sliding doors were missing and there were missing and damaged plastic strips on the door curtain.	\$ 37,620
TOTAL		\$117,926.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Fort Street Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	2	0	2	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	2	2	2	2	2	4	0	2	2	0	2	2	2	2

Location/Building Code	Deficiency	Estimated Cost
16M7 BRG-1	There was evidence of water intrusion on the interior of the building on the 2nd floor.	\$ 19,307
16M7 BRG-1	Facility staff reported that the ductless mini split system was not used due to mold inside of the unit.	\$ 6,229
16M7 BRG-1	The ceiling tiles were stained and damaged throughout.	\$ 5,921
TOTAL		\$31,457.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Caniff-Greeley Salt Storage

Assessor: AECOM

Inspection Date: 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	4	0	3	0	0	0	0	0	0	0	0	0
SSB	1	3	4	3	0	3	3	3	4	0	0	0	3	3	0
SSB	2	3	4	3	0	3	3	3	4	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1M54 CSB-1	The asphalt pavement was deteriorated, excessively cracked, was missing in areas, and had areas of ponding.	\$ 74,820
1M54 SSB-1	Timber posts on the back exterior wall were displaced at the top, causing the plywood panels to be displaced.	\$ 12,458
1M54 SSB-1	The interior electrical panelboard near the facility entrance had signs of corrosion and was at the end of its expected useful life.	\$ 6,782

1M54 SSB-1	The left side sliding door was missing.	\$ 19,418
1M54 SSB-2	There were several timber columns that were bowed and cracked from horizontal loads and the tongue and groove wood siding on the gable walls was deteriorated, curled, and displaced.	\$ 37,136
1M54 SSB-2	The right side sliding door was missing.	\$ 19,418
TOTAL		\$170,032.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Pelham Yard Salt Storage

Assessor: AECOM

Inspection Date: 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	0	0	4	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
SSB	1	3	4	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1M56 SSB-1	The paint finish on the plywood siding was moderately deteriorated and some edges were detached and curled.	\$ 40,069
1M56 SSB-1	The native vegetation was overgrown around the building and in the fencing.	\$ 131,463
1M56 SSB-1	The double cantilever aluminum gates at the site entrance had only one functional side and the other side had makeshift frame repairs and displaced barbed wire.	\$ 12,231
1M56 SSB-1	The concrete paved entrance road had excessive linear cracking.	\$ 128,054

1M56 SSB-1	The perimeter chain link fence was corroded, had damaged posts and fabric, damaged and loose barbed wire throughout, and heavy vegetation growth.	\$ 118,887
1M56 SSB-1	The chain link swing gates to the northwest lot had heavy vegetation growth, corroded posts, rails and fabric, and corroded and displaced barbed wire.	\$ 12,231
TOTAL		\$442,935.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Detroit Garage

Assessor: AECOM

Inspection Date: 11/17/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	4	0	0	3	3	3	3	0	0	0	4	3	0
GAR	1	3	3	4	3	3	4	3	3	4	3	3	3	3	3
SSB	1	3	3	0	0	3	3	3	3	3	0	0	4	3	0

Location/Building Code	Deficiency	Estimated Cost
1M08 – GAR1	Exterior Doors are corroded	\$ 8,677
1M08 – GAR1	Roof membrane is bubbling, has become detached during storms, leaks and is beyond useful life. Replace roof.	\$333,735
1M08 – GAR1	Carpet flooring in office area is badly stained and worn. Replace carpet.	\$12,651
1M08 – GAR1	Condensing unit is beyond useful life, obsolete with R22 refrigerant and does not function. Replace outside unit.	\$19,909

1M08 – GAR1	Asphalt paving is alligator cracked throughout, many areas of linear cracking. Repave lot.	\$183,925
1M08 – SSB1	Metal man door is corroded and will not open. Replace door.	\$3,389
1M08 – SSB1	Interior lighting has exceeded useful life. Replace lighting.	\$16,158
1M08 – CSB1	Metal structure components are rotting. Investigate and hire structural expert for review and counsel on repairs.	\$5,000
1M08 – CSB1	Metal wall panels, exterior, are corroded, in need of replacement. Replace exterior wall panels.	\$216,191
1M08 – CSB1	CMU walls are chipped, cracked, and damaged throughout. Repair CMU walls.	\$106,074
1M08 – CSB1	Exterior door frames are corroded. Sand and paint door frames to remedy and limit additional damages and corrosion.	\$1,000
1M08 – CSB1	Exterior personnel doors are severely corroded, Replace exterior personnel doors.	\$6,778
1M08 – CSB1	Exterior HID lighting and wall packs are beyond useful life. Replace lights.	\$10,614
TOTAL		\$924,101.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Oakland TSC

Assessor: AECOM

Inspection Date: 12/8/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
TSC	1	3	3	3	3	3	4	0	3	4	0	3	3	3	3
TST	1	3	3	3	3	3	3	3	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1M04 – TSC1	Roof covering is at end of useful life, cupping due to inadequate insulation. Replace roof and insulation.	\$128,010
1M04 – TSC1	Two condensing units (A/C) are obsolete, R22 refrigerant, and beyond useful life. Replace condensing units.	\$39,817
TOTAL		\$167,827.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Metro Region Maintenance Crews

Assessor: AECOM

Inspection Date 12/8/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
HSB	1	3	3	3	3	3	3	3	3	3	0	0	3	3	0
OFF	1	3	3	4	3	3	3	3	3	4	0	3	4	4	3
RMC	1	3	3	4	3	3	3	3	3	3	3	3	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
1M07 – OFF1	Expansion joint sealant in brick veneer is deteriorated. Reseal.	\$3,104
1M07 – OFF1	Metal exterior screen wall panels are heavily corroded and peeling paint. Replace the screen wall panels.	\$4,427

1M07 – OFF1	Second floor windows are plexiglass, aged, loose and squeak when hvac system is running. Replace plexiglass windows with more appropriate window materials.	\$31,593
1M07 – OFF1	There are areas where ceiling acoustic tiles are missing, glue patches remain on ceiling, Replace acoustic panels.	\$474
1M07 – OFF1	Roof top unit is past useful life, using R22 refrigerant; piping and mounting skids are severely corroded. Replace RTU and piping.	\$126,849
1M07 – OFF1	Electrical distribution panels are beyond useful life, lighting fixtures not functional as a result of electrical distribution panel issues; panel cabinets and doors are heavily corroded. Replace electrical distribution.	\$34,928
1M07 – OFF1	The T12 lighting fixtures are beyond useful life; not operational in some areas of the building. Replace interior T12 light fixtures.	\$55,894
1M07 – OFF1	Concrete pad in front of doorway is spawling, broken. Replace concrete pad.	\$7,801
1M07 – RMC1	Interior wood door and frame are severely scratched, stained and damaged. Replace the interior wood door and frame.	\$2,776
1M07 – RMC1	The VCT flooring on the second level is severely stained, cracked, missing tiles and exceeded useful life. Replace flooring.	\$89,722
1M07 – RMC1	Epoxy paint is excessively worn throughout the garage. Reseal and paint the garage flooring.	\$105,412
1M07 – SHB1	The exterior doors are severely damaged and hard to close, exceeded useful life. Replace doors.	\$5,239
TOTAL		\$468,219

2022/2023 FACILITY ASSESSMENT

MDOT Site: Metro Region Office

Assessor: AECOM

Inspection Date: 12/9/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	0	3	0	0	0	0	0	0
REG	1	3	3	3	3	3	3	0	3	3	0	3	3	3	3
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
1M01 – REG1	The west exterior door has excessing rust and corrosion. Replace the west exterior door	\$2,170
1M01 – REG1	The roof scuppers do not extend properly to allow for proper drainage. Damage is occurring. Replace the scuppers to extend adequately.	\$9,567
1M01 – REG1	The rooftop transformer is heavily corroded. Replace the transformer.	\$5,975
1M01 – SHB1	The OSB siding is aged, damaged, missing in some areas and has holes in it. Replace the OSB siding.	\$3,703

1M01 – SHB1	The exterior doors are aged, weathered, and missing wood trim. Replace the exterior doors.	\$4,339
1M01 – SHB1	The asphalt roof covering is approaching end of useful life, sheathing and drip rails were not installed causing water weep and damage to OSB. Replace the roof sheathing, include drip rails, replace fascia boards and asphalt shingles.	\$853
TOTAL		\$26,607

2022/2023 FACILITY ASSESSMENT

MDOT Site: Brush Street Garage

Assessor: AECOM

Inspection Date: 6/6/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	4	4	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	0	0	0	0	0	0	0
GAR	1	3	4	4	3	3	4	3	4	4	0	4	4	4	0
SSB	1	3	4	4	0	3	3	3	4	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1M52 SSB-1	There were approximately 25 punctures and tears in the arched metal roof system.	\$ 1,260
1M52 SSB-1	The plywood on stud wall was displaced along with the brick veneer on the east wall and the plywood siding was weathered and had curled on the west wall.	\$ 16,375

1M52 SSB-1	The brick veneer was displaced from the concrete wall on the south wall and on both sides of the entrance and large areas of missing bricks were observed on both sides of the entrance.	\$ 95,095
1M52 SSB-1	One door was missing and the other had excessive impact damage to its frame and metal panel surface.	\$ 15,741
TOTAL		\$128,471.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Detroit Operations and Service Center

Assessor: AECOM

Inspection Date: 6/6/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	2	2	2	2	4	2

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
TSC	1	2	2	2	2	2	2	0	2	2	0	2	4	2	2

Location/Building Code	Deficiency	Estimated Cost
1M05 – TSC1	The MSP high bay lighting system has multiple points of failure and ongoing maintenance with fixtures, controls, and rope pulley system. Replace the high bay lighting fixtures, controls and rope pulley system.	\$73,076
1M05 – TSC1	There were areas of cracked concrete on the sidewalk and curb cracks. Repair/replace concrete.	\$6,270
1M05 – TSC1	The parking lot shows widespread cracking and parking lines have faded. Reseal, recoat parking lot and repaint lines.	\$42,429
1M05 – TSC1	Exterior parking lot lights and controls are aged and require ongoing maintenance. Replace exterior light fixtures and controls.	\$62,434
TOTAL		\$184,209

NORTH REGION

2022/2023 FACILITY ASSESSMENT

MDOT Site: North Region Maintenance Crews

Assessor: AECOM

Inspection Date: 8/29/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	4	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
HSB	1	3	3	4	3	3	4	0	3	4	0	3	4	3	3
RMC	1	3	3	4	3	3	3	3	3	4	0	4	4	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
1N05 HSB-1	The roof covering had exceeded its expected useful life.	\$ 20,810
1N05 HSB-1	The air cooled condenser was corroded, used R22 refrigerant, and had exceeded its expected useful life.	\$ 7,780
1N05 HSB-1	The natural gas furnace had exceeded its expected useful life.	\$ 3,446

1N05 HSB-1	The natural gas unit heater had exceeded its expected useful life.	\$ 1,281
1N05 HSB-1	The carpet tile was heavily stained.	\$ 16,438
1N05 HSB-1	The painted concrete had moderate peeling.	\$ 1,436
1N05 HSB-1	The interior lighting had exceeded its expected useful life.	\$ 31,472
1N05 RMC-1	All plumbing fixtures in the multi-occupant restrooms, locker rooms and breakroom had exceeded their expected useful life.	\$ 32,781
1N05 RMC-1	The thru-wall AC unit had exceeded its expected useful life.	\$ 750
1N05 RMC-1	The two air cooled condensers utilized R22 refrigerant and had exceeded their expected useful life.	\$ 16,346
1N05 RMC-1	The five natural gas furnaces had exceeded their expected useful life.	\$ 11,607
1N05 RMC-1	The asphalt pavement had liner and alligator cracking throughout and areas with moderate vegetation growth in the cracks.	\$ 188,142
1N05 RMC-1	The barbed wire on the perimeter chain link fence had excessive rust corrosion.	\$ 11,115
1N05 RMC-1	The natural gas water heater in the mechanical room had exceeded its expected useful life.	\$ 7,217
1N05 RMC-1	The interior lighting and the exit lighting had exceeded their expected useful life.	\$ 154,786
1N05 RMC-1	The ACT ceilings had exceeded their expected useful life and had discolored grid and sagging tiles.	\$ 60,390
1N00 REG-1	Loose shingles were observed above the main entrance roof ridge.	\$ 1,311
TOTAL		\$567,108.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Kalkaska Testing Lab

Assessor: AECOM

Inspection Date: 8/29/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	3	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
TST	1	3	3	4	3	3	3	3	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1N07 TST-1	The drinking fountains had exceeded their expected useful life.	\$ 5,020
1N07 TST-1	The carpet tile was stained and had heavy wear under chair rollers.	\$ 20,375
TOTAL		\$25,395.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Charlevoix Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 8/30/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	4	3	3	3	3	3	4	0	3	4	4	0

Location/Building Code	Deficiency	Estimated Cost
11N8 BRG-1	Facility staff reported a roof leak that had damaged the ceiling.	\$ 2,759
11N8 BRG-1	The single occupant restroom fixtures had exceeded their expected useful life.	\$ 3,436
11N8 BRG-1	The ductless mini-split had exceeded its expected useful life.	\$ 6,229
11N8 BRG-1	The electric unit heaters had exceeded their expected useful life.	\$ 7,893
11N8 BRG-1	Facility staff reported that the amount of power serving the building was severely undersized. They were operating at capacity despite	\$ 162,741

	the high utilization of power strips. Additionally, the transformer and the panelboard had exceeded their expected useful life.	
11N8 BRG-1	There were not proper handrails on the stairs, which posed a safety hazard.	\$ 6,156
11N8 BRG-1	Portions of the epoxy paint were chipped and peeling.	\$ 5,020
11N8 BRG-1	The water heater had exceeded its expected useful life.	\$ 2,709
11N8 BRG-1	The interior lighting had exceeded its expected useful life.	\$ 4,473
11N8 BRG-1	The emergency egress lighting had exceeded its expected useful life.	\$ 5,833
11N8 BRG-1	The doors were deteriorated. The first floor door was lodged shut and the third floor door seals and threshold allowed water intrusion during rainstorm events. The second floor sliding screen door was lodged shut.	\$ 9,351
11N8 BRG-1	The ceiling paint was peeling due to a roof leak.	\$ 200
TOTAL		\$216,800.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Cheboygan Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 8/30/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	3	3	3	3	0	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
13N2 BRG-1	Water damage from an undetermined source was observed on the bottom of a lower level gypsum board wall.	\$ 500
13N2 BRG-1	The service sink was approaching the end of its expected useful life.	\$ 2,724
13N2 BRG-1	The single occupant restroom plumbing fixtures were approaching the end of its expected useful life.	\$ 3,436
13N2 BRG-1	Facility staff reported that there are frequent issues with the cooling system including freezing of refrigerant lines.	\$ 6,229

13N2 BRG-1	There were signs of water damage on conduits and a disconnect switch serving the bridge control cabinets.	\$ 500
13N2 BRG-1	The water heater had exceeded its expected useful life.	\$ 1,942
13N2 BRG-1	The exit lighting had exceeded its expected useful life.	\$ 1,877
13N2 BRG-1	The emergency egress lighting had exceeded its expected useful life.	\$ 5,833
13N2 BRG-1	Facility staff reported that a small portion of damaged section of ceiling was never replaced after roof repairs were completed.	\$ 500
TOTAL		\$23,541.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Kalkaska Garage

Assessor: AECOM

Inspection Date: 8/30/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	0	0	0	4	3	0
GAR	1	4	3	4	3	3	3	3	3	3	3	4	4	4	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	3	4	0	3	4	3	3	3	0	0	3	3	0
SSB	2	3	3	3	0	3	3	3	3	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1N08 CSB-1	The interior and exterior lighting was approaching the end of its expected useful life.	\$ 23,975
1N08 GAR-1	Three columns in the wash bay had excessive corrosion on the baseplates, flanges, webs and anchor bolts at the base of the columns.	\$ 15,000
1N08 GAR-1	The service sinks were approaching the end of their expected useful life.	\$ 10,895
1N08 GAR-1	The kitchen sink was approaching the end of its expected useful life.	\$ 1,979
1N08 GAR-1	The single occupant restroom plumbing fixtures were approaching the end of their expected useful life.	\$ 3,436
1N08 GAR-1	The emergency eyewash-showers were approaching the end of their expected useful life.	\$ 6,048
1N08 GAR-1	The multi-occupant restroom plumbing fixtures were approaching the end of their expected useful life.	\$ 18,812
1N08 GAR-1	With the exception of the panelboards associated with the backup generator, all electrical distribution equipment had exceeded or was approaching the end of its expected useful life.	\$ 47,140
1N08 GAR-1	The VCT had exceeded its expected useful life and had excessive surface wear.	\$ 21,633
1N08 GAR-1	The carpet tile had exceeded its expected useful life and had moderate wear and staining.	\$ 13,492
1N08 GAR-1	The epoxy paint had excessive wear in high traffic areas.	\$ 20,079
1N08 GAR-1	The three water heaters had exceeded their expected useful life.	\$ 66,615
1N08 GAR-1	The 1999 fluorescent and incandescent lighting had exceeded or was approaching the end of its expected useful life.	\$ 106,187
1N08 GAR-1	The emergency egress lighting had exceeded its expected useful life.	\$ 5,966
1N08 GAR-1	The exit lighting had exceeded its expected useful life.	\$ 2,503
1N08 SSB-1	The formed metal panel roof covering had exceeded its expected useful life.	\$ 72,410
1N08 SSB-1	The hollow metal door had exceeded its expected useful life and had rust corrosion.	\$ 5,239

1N08 SSB-1	Moderate amounts of damage to the insulation was observed.	\$ 25,718
1N08 SSB-2	On the south side of the building, there was moisture damage from roof water runoff splashing along the bottom of the brine tank enclosure wood panel wall.	\$ 5,845
1N08 SSB-2	The fascia boards above the open storage were cracked and broken off.	\$ 2,327
1N08 SSB-2	Facility staff reported that during the construction of the addition, the wiring was damaged due to pulling too many wires through the existing conduit causing shorts throughout the building.	\$ 9,397
1N08 SSB-2	The sliding door of the brine tank enclosure had moisture damage from water run-off from the roof.	\$ 1,949
TOTAL		\$486,645.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Mackinac City Welcome Center

Assessor: AECOM

Inspection Date: 8/30/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
FSB	2	3	3	0	0	3	3	0	3	0	0	0	3	0	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	3	0	3	3	0	3	0	0	0	3	0	0
SHB	3	2	2	0	0	2	2	0	2	0	0	0	0	0	0
WCT	1	3	3	3	3	3	3	0	3	3	0	3	3	4	0

Location/Building Code	Deficiency	Estimated Cost
2N17 SHB-2	The foil faced rigid insulation had excessive surface damage.	\$ 2,500

2N17 SHB-2	The interior lighting had exceeded its expected useful life.	\$ 1,000
2N17 SHB-2	Two doors were excessively deteriorated.	\$ 2,799
2N17 WCT-1	Facility staff reported constant issues with heat during the winter due to overheating/overloading especially when exhaust fans in restrooms are concurrently in use.	\$ 5,000
2N17 WCT-1	The panelboards had exceeded their expected useful life.	\$ 13,469
2N17 WCT-1	The asphalt roadways and parking lots had moderate amounts of linear and alligator cracking throughout.	\$ 54,013
2N17 WCT-1	The original VCT was aged and heavily worn.	\$ 8,937
TOTAL		\$87,718.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: North Region Office / Gaylord TSC

Assessor: AECOM

Inspection Date: 8/31/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	0	0	3	3	3	3	0	0	0	3	3	0
REG	1	3	3	3	3	3	3	0	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1N00 REG-1	Loose shingles were observed above the main entrance roof ridge.	\$ 1,311
TOTAL		\$1,311.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Manistee Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 9/20/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	4	3	4	3	3	0	4	4	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
17N2 BRG-1	There was cracking, spalling, and efflorescence observed on the exterior concrete walls.	\$ 75,000
17N2 BRG-1	The package terminal air conditioning (PTAC) unit had exceeded its expected useful life and was likely charged with R-22 refrigerant, which is no longer manufactured or available by import in the United States.	\$ 16,346
17N2 BRG-1	The metal windows had corroded frames, deteriorated sealant, and had exceeded their expected useful life.	\$ 36,445
17N2 BRG-1	The VCT flooring was cracked and worn.	\$ 4,331

17N2 BRG-1	The hollow metal doors, frames, and thresholds had moderate rust corrosion.	\$ 15,720
17N2 BRG-1	The metal acoustic ceiling grid components were dirty and corroded, and minor water damage was observed on a ceiling tile.	\$ 3,553
TOTAL		\$151,395.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Hillman Testing Lab

Assessor: AECOM

Inspection Date: 9/21/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	3	0	4	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	3	0	3	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
TST	1	3	3	3	3	3	3	3	3	4	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
17N2 BRG-1	There was cracking, spalling, and efflorescence observed on the exterior concrete walls.	\$ 75,000
17N2 BRG-1	The package terminal air conditioning (PTAC) unit had exceeded its expected useful life and was likely charged with R-22 refrigerant, which is no longer manufactured or available by import in the United States.	\$ 16,346

17N2 BRG-1	The metal windows had corroded frames, deteriorated sealant, and had exceeded their expected useful life.	\$ 36,445
17N2 BRG-1	The VCT flooring was cracked and worn.	\$ 4,331
17N2 BRG-1	The hollow metal doors, frames, and thresholds had moderate rust corrosion.	\$ 15,720
17N2 BRG-1	The metal acoustic ceiling grid components were dirty and corroded, and minor water damage was observed on a ceiling tile.	\$ 3,553
TOTAL		\$151,395.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Mio Garage

Assessor: AECOM

Inspection Date: 9/21/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
GAR	1	3	3	3	3	3	3	3	3	4	3	3	3	3	0
SSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1N09 GAR-1	There was water staining on the south wall of the repair shop and efflorescence and peeling paint on the interior side.	\$ 3,776
1N09 GAR-1	There was excessive efflorescence and peeling paint on the south wall of the repair shop.	\$ 7,274
1N09 GAR-1	The 5-ton air cooled condensing unit was charged with R-22 refrigerant, which is no longer manufactured in or available via import to the United States.	\$ 14,140
1N09 GAR-1	The asphalt pavement had linear cracking throughout.	\$ 47,947

1N09 GAR-1	There was moisture damaged gypsum board ceiling in the parts room.	\$ 303
TOTAL		\$73,440.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Atlanta Garage

Assessor: AECOM

Inspection Date: 9/22/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	4	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
CSB	1	3	3	3	0	3	3	3	0	0	0	0	0	0	0
CSB	2	3	3	3	0	3	3	3	3	0	0	0	3	3	0
GAR	1	3	3	4	3	3	3	3	3	4	3	4	4	3	0
HSB	1	3	3	3	3	3	3	3	3	3	0	0	4	3	0
HSB	2	3	3	3	0	3	3	3	3	3	0	3	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0
WSH	1	3	3	3	0	3	3	3	3	4	3	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1N10 HSB-2	Facility staff reported the exterior perimeter lighting fixtures were aged and did not provide sufficient illumination.	\$ 7,076
1N10 HSB-1	Facility staff reported the exterior perimeter lighting fixtures were aged and did not provide sufficient illumination. The HID lighting under the lean-to structure had exceeded its expected useful life.	\$ 14,152
1N10 HSB-1	The high-bay HID lighting in the building had exceeded its expected useful life.	\$ 29,978
1N10 HSB-1	It was noted that the electric opener for the west overhead sectional door made excessive noise during operation. Facility staff reported that remote control operation of the west door is needed so drivers do not have to exit their vehicle during inclement weather.	\$ 4,000
1N10 GAR-1	There was efflorescence on the interior side of a portion of the CMU wall in the original garage building and peeling paint throughout.	\$ 34,326
1N10 GAR-1	The 8.5-ton package unit was charged with R-22 refrigerant, which is no longer manufactured in or available via import to the United States and was at the end of its expected useful life.	\$ 52,570
1N10 GAR-1	Facility staff reported that the single occupancy restroom had exhaust venting into the mechanical/electrical room.	\$ 5,000
1N10 GAR-1	The 1-ton condenser on the rooftop was charged with R-22 refrigerant and is beyond its expected useful life.	\$ 6,954
1N10 GAR-1	There was minor linear and moderate alligator cracking throughout the asphalt paving and the striping was deteriorated.	\$ 341,769
1N10 GAR-1	The fencing was observed with bent posts and rails and rusted barbed wire.	\$ 179,399
1N10 GAR-1	The domestic water heaters had exceeded their expected useful life.	\$ 16,851
1N10 GAR-1	Facility staff reported the exterior perimeter lighting fixtures were aged and did not provide sufficient illumination.	\$ 10,614
1N10 GAR-1	The sectional overhead door that was installed in 1994 had exceeded its expected useful life.	\$ 5,270
1N10 GAR-1	The illuminated exit signage had exceeded its expected useful life.	\$ 5,005
1N10 SHB-2	Because the building does not have an appropriate foundation, the bottom edge of the siding and the floor structure were deteriorated.	\$ 2,000
1N10 SHB-2	The bottom edge of the siding and sections of trim were deteriorated.	\$ 2,121
1N10 SHB-2	The horizontal wood trim in the middle of the door slab was deteriorated.	\$ 750

1N10 WSH-1	It was not known if the remaining gas-fired unit heater located at the east wall of the wash bay was still operating; however, there were signs of minor corrosion from its location in a high moisture environment.	\$ 10,397
TOTAL		\$728,232.00

PASSENGER TRANSPORTATION

2022/2023 FACILITY ASSESSMENT

MDOT Site: New Center Rail Terminal

Assessor: AECOM

Inspection Date: 6/6/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
PTF	1	3	3	4	3	3	3	4	3	3	0	3	4	4	3

Location/Building Code	Deficiency	Estimated Cost
PT01-PTF1	Northeast corner stucco, exterior wall is damaged, cracked, and spawling. Repair the wall.	\$833
PT01-PTF1	Northwest gravel wall is damaged. Repair the gravel wall.	\$100
PT01-PTF1	The metal panel soffit is warped and sagging. Repair the soffit.	\$2,032
PT01-PTF1	Exterior windows, several windows are constantly fogged and failing. Replace the windows at the elevator tower that are fogged.	\$8,361
PT01-PTF1	Exterior door is rusted and corroded through in some areas. Replace the door and frame.	\$2,620

PT01-PTF1	Exterior sectional doors are in poor condition, springs are broken, doors do not seal well – allowing water to infiltrate the facility. Replace the sectional doors.	\$11,617
PT01-PTF1	The restroom toilet partitions have corroded and are rusted. Replace the partitions.	\$16,632
PT01-PTF1	The two electrical distribution panels have exceeded their life expectancy and should be replaced. Replace two panels.	\$23,242
PT01-PTF1	The interior lighting is incandescent and original to the facility, past useful life. Replace interior lighting.	\$38,126
PT01-PTF1	The exterior lighting fixtures are original to the facility and have exceeded their useful life. Replace exterior lighting.	\$14,152
PT01-PTF1	The asphalt paving has moderate cracking and areas of failure. Repave.	\$30,963
PT01-PTF1	The handrail at the access ramp and a portion of fence was damaged with an impact incident. Repair rail and fence.	\$3,000
TOTAL		\$88,679

2022/2023 FACILITY ASSESSMENT

MDOT Site: Detroit Bus Terminal

Assessor: AECOM

Inspection Date: 6/6/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
PTF	1	3	4	3	3	3	4	3	3	4	0	3	4	4	3

Location/Building Code	Deficiency	Estimated Cost
T275-PTF1	The bus canopy panels are stained but may be corroded. Clean the panels to determine if extensive damage requires additional work.	\$13,160
T275-PTF1	The precast roof screen tiles are missing in several areas. Replace and repair the tiles.	\$500
T275-PTF1	The expansion joints on the exterior walls are cracked and deteriorated. Replace the expansion joints on the exterior walls.	\$64,660
T275-PTF1	Exterior ceiling panel, the gypsum shows significant signs of water damage. Repair the ceiling panel.	\$500

T275-PTF1	The granite exterior wall panels were damaged by impact and at set points in other areas. Replace the granite wall panels.	\$45,218
T275-PTF1	The silicone roof coating is deteriorated and peeling in many areas. The foam system is revealed in many areas. Replace the roof coating and repair according to manufacturer specifications.	\$110,811
T275-PTF1	The single occupant restroom is in poor condition and past useful life. Replace/renovate the single occupant restroom.	\$3,436
T275-PTF1	The mop sink near the shipping area is in poor condition and beyond useful life. Replace the mop sink.	\$850
T275-PTF1	The sink and countertops in the break room near shipping area is in poor condition and original to the facility. Replace the sink and countertops in the employee break room.	\$3,705
T275-PTF1	One of the boilers is beyond useful life and is corroded. Replace boiler.	\$34,656
T275-PTF1	The rooftop units are beyond life expectancy and continually break with ongoing repairs, are original to the facility. Replace the roof top units.	\$204,465
T275-PTF1	The fan coil units in the shipping area are beyond useful life. Replace fan coil units.	\$11,295
T275-PTF1	The rooftop exhaust fans are beyond useful life. Replace exhaust fans.	\$22,000
T275-PTF1	The transformer is reaching the end of its useful life. Replace the transformer.	\$11,950
T275-PTF1	The main electrical switchboard is reaching the end of its useful life. Replace the switchboard.	\$71,580
T275-PTF1	The electrical distribution panelboards is reaching end of useful life. Replace distribution panelboards.	\$60,027
T275-PTF1	Many of the LED light fixtures were missing or inoperable at time of visit. Repair or replace the light fixtures.	\$1,000
T275-PTF1	The emergency egress lighting is beyond useful life. Replace lighting.	\$7,778
T275-PTF1	Significant color drift and lighting inconsistency is present in the shipping area. Lights are beyond useful life. Replace lighting in interior shipping area.	\$27,719

T275-PF1	Exterior wall mounted lights and exterior lights are beyond useful life and do not provide sufficient light. Replace exterior lighting.	\$7,076
T275-PTF1	Exterior conduit is hanging at the southwest elevation of the facility. Repair the exterior conduit.	\$2,500
T275-PTF1	The security panel and system are inoperable. Replace the security system.	\$15,239
T275-PTF1	Areas of broken concrete in the parking areas and broken curbs. Repair/replace concrete.	\$7,500
T275-PTF1	There is failed concrete around a catch basin. Repair the catch basin concrete.	\$1,000
TOTAL		\$728,625

2022/2023 FACILITY ASSESSMENT

MDOT Site: Pontiac Bus/Rail Terminal

Assessor: AECOM

Inspection Date: 12/8/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
2	2	2	2	2	2	2

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
PTF	1	2	2	2	2	2	2	0	2	2	0	2	2	2	2

Location/Building Code	Deficiency	Estimated Cost
T276-PTF1		0
TOTAL		\$0

2022/2023 FACILITY ASSESSMENT

MDOT Site: Southfield Bus Terminal

Assessor: AECOM

Inspection Date: 12/8/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
PTF	1	3	3	3	3	3	3	0	4	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
T277-PTF1	The hollow metal exterior doors had corrosion and rust through. Replace hollow metal exterior doors.	\$17,876
T277-PTF1	The original 1950 wood interior doors have exceeded their useful life. Replace wood doors with metal doors.	\$4,862
T277-PTF1	Concrete is heaving in front of building. Repair/replace concrete.	\$1,504
TOTAL		\$24,242

2022/2023 FACILITY ASSESSMENT

MDOT Site: Benton Harbor Bus Terminal

Assessor: AECOM

Inspection Date: 10/6/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
PTF	1	3	3	3	3	3	3	0	3	3	0	3	4	3	3

Location/Building Code	Deficiency	Estimated Cost
T278-PTF1	Interior candescent lighting creates significant color drift and is past useful life. Replace interior lighting.	\$11,403
TOTAL		\$500.00

SOUTHWEST REGION

2022/2023 FACILITY ASSESSMENT

MDOT Site: Coldwater Training Center

Assessor: AECOM

Inspection Date: 10/5/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
SSB	1	3	3	3	0	3	3	4	0	3	0	0	3	3	0
TRG	1	3	3	3	4	3	3	3	3	4	3	4	4	4	0

Location/Building Code	Deficiency	Estimated Cost
1S10 CSB-1	The unit heaters appeared to have exceeded their useful service life.	\$ 7,226
1S10 CSB-1	The exit signage was not illuminated and no emergency lights were observed during the site assessment.	\$ 3,355
1S10 SSB-1	The exhaust fan appeared to have exceeded its useful service life.	\$ 1,486
1S10 SSB-1	There was damage to the sliding doors.	\$ 10,428

1S10 TRG-1	The single occupant restroom plumbing fixtures had exceeded its expected useful life.	\$ 3,436
1S10 TRG-1	The service sink had exceeded its expected useful life.	\$ 2,724
1S10 TRG-1	The kitchen sink had exceeded its expected useful life.	\$ 1,979
1S10 TRG-1	The multi-occupant restroom had exceeded its expected useful life.	\$ 7,999
1S10 TRG-1	The drinking fountain had exceeded its expected useful life.	\$ 2,510
1S10 TRG-1	The vehicle exhaust fans had exceeded their expected useful life.	\$ 21,392
1S10 TRG-1	The garage wall exhaust fans had exceeded their expected useful life.	\$ 2,972
1S10 TRG-1	The unit heaters had exceeded their expected useful life.	\$ 28,903
1S10 TRG-1	The electrical distribution panels had exceeded their expected useful life.	\$ 25,108
1S10 TRG-1	The perimeter fence was corroded, leaning, and had vegetation growth, and the front gates were in a state of disrepair.	\$ 471,209
1S10 TRG-1	Facility staff reported that garage windows have been replaced with exception to single pane windows. There was also a cracked window on the east elevation.	\$ 18,812
1S10 TRG-1	The water heater in the mechanical room had exceeded its expected useful life.	\$ 2,190
1S10 TRG-1	The interior lighting had exceeded its expected useful life.	\$ 29,050
1S10 TRG-1	The exterior lighting had exceeded its expected useful life.	\$ 5,307
1S10 TRG-1	The personnel doors at the administrative area were aged.	\$ 7,860
1S10 TRG-1	The cabinets and countertops were deteriorated and worn.	\$ 6,546
1S10 TRG-1	The restroom toilet partition in the men's locker room was deteriorated and worn.	\$ 1,034
TOTAL		\$661,526.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: New Buffalo Welcome Center

Assessor: AECOM

Inspection Date: 10/6/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WCT	1	3	3	4	3	3	3	0	4	4	0	4	3	4	4

Location/Building Code	Deficiency	Estimated Cost
1S20 WCT-1	The fire alarm control panel had exceeded its expected useful life.	\$ 25,366
1S20 WCT-1	There were cracks in the concrete pedestrian pavement at the northeast elevation.	\$ 2,379
1S20 WCT-1	There were sections of wood fencing in need of repair.	\$ 6,716
1S20 WCT-1	The truck side concrete parking lot was in poor condition. The truck parking had displaced concrete and poor repairs.	\$ 639,115

1S20 WCT-1	The playground, equipment was aged, damaged and broken. The play area surface rubberized material was deteriorated from heavy use.	\$ 358,000
1S20 WCT-1	Facility staff reported that the glazed doors to access the information lobby were in poor condition and difficult to lock.	\$ 42,268
1S20 WCT-1	The water heater had exceeded its expected useful life.	\$ 19,987
1S20 WCT-1	Facility staff reported that the glazed doors at the entrances were in poor condition and difficult to lock.	\$ 61,789
TOTAL		\$1,155,620.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Bicentennial Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 10/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	4	3	3	3	0	3	4	0	3	3	3	0
GEN	1	3	3	3	0	3	3	0	3	3	0	0	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
10S4 BRG-1	The electric cabinet heaters are inadequate and non-operational.	\$ 15,786
10S4 BRG-1	Facility staff reported the split system does not work properly during summers.	\$ 6,229
10S4 BRG-1	VCT in Control Room and base of stairs was worn and deteriorated. Facility staff reported that original flooring tile may be asbestos material.	\$ 8,212

10S4 BRG-1	Observed signs of corrosion around the transom frame of the steel door at the building entrance.	\$ 500
10S4 BRG-1	The electrical room door was difficult to operate, and corroded from water intrusion.	\$ 2,620
10S4 BRG-1	The ACT in the Control Room has a corroded grid and panels were sagging from humidity.	\$ 2,369
10S4 BRG-1	There were signs of water accumulation near the door that leads under the bridge. Facility staff reported that the area becomes inaccessible during rain events and there is no ability to drain the water run-off from area.	\$ 1,500
10S4 SHB-1	The exterior paint was deteriorated, most noticeably on the door trim and frame.	\$ 500
TOTAL		\$37,716.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Blossomland Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 10/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	0	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	3	4	3	3	0	3	4	0	3	3	3	0
GEN	1	3	3	3	0	3	3	0	3	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
18S9 BRG-1	Observed roof leak at electrical conduit penetration. Facility staff reported that leak has been present for years, however it is a slow leak.	\$ 2,500
18S9 BRG-1	Observed water damage from leaks in the control room and stairway.	\$ 500
18S9 BRG-1	The boiler was non operational at the time of the assessment. The heating radiators and piping for heating hot water supply were corroded.	\$ 73,720

18S9 BRG-1	Facility staff reported that the interior of the building had water damage from water intrusion into the windows. Additionally, the windows were aged and due for replacement.	\$ 40,216
18S9 BRG-1	The carpet in the Control Room was aged and worn.	\$ 2,063
18S9 BRG-1	The emergency exit signs and lights were damaged.	\$ 1,252
18S9 BRG-1	The exterior steel door was corroded and the door hinge was severely corroded and broken.	\$ 3,930
18S9 BRG-1	The ceiling paint was deteriorated from water damage. Facility staff reported that water intrusion is suspected from the bottom of the exterior door or sidewalk located directly above.	\$ 2,500
TOTAL		\$126,681.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Coloma Garage

Assessor: AECOM

Inspection Date: 10/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	4	3	3	3	3	3	3	3	3	3	3	4	0
HSB	1	3	3	3	3	3	3	3	3	3	0	0	3	3	0
LTB	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	4	3	0	3	3	3	0	0	0	0	3	3	0
SSB	2	3	4	0	0	3	4	0	0	3	0	0	3	3	0
SSB	3	3	4	3	0	3	3	3	0	3	0	0	3	3	0
WSH	1	2	2	2	0	2	2	2	2	2	2	0	2	2	0

Location/Building Code	Deficiency	Estimated Cost
1S11 – GAR1	The exterior CMU wall joints show significant deterioration and signs of efflorescence. Repair wall joints and exterior walls. Tuckpoint/paint.	\$47,243
1S11 – GAR1	The interior VCT flooring appears to be original to the facility. It is significantly scuffed, stained, and chipped. Replace VCT flooring.	\$4,342
1S11 – GAR1	The main water heater is beyond useful life. Replace water heater.	\$2,190
1S11 – GAR1	The majority of the electrical panel boards are beyond useful life. Replace panel boards.	\$30,014
1S11 - SSB1	The timber columns are beginning to rot. Perform a structural analysis of the facility.	\$2,500
1S11 - SSB1	The exterior timber boards are deteriorated and weathered. Replace timber boards and paint.	\$23,592
1S11 – SSB2	There are multiple areas where the roof frame and deck are damaged. Perform a structural analysis of the facility.	\$5,000
1S11 – SSB2	There are multiple areas where the concrete is broken and split. Repair concrete.	\$27,918
1S11 – SSB2	The roof has exceeded its useful life. Replace roof.	\$123,948
1S11 – SSB3	The finish on the exterior plywood is weathered and deteriorated. Refinish the plywood.	\$17,046
1S11 – FSB1	The exterior doors have corrosion and rust. Replace the doors.	\$5,239
TOTAL		\$289,032

2022/2023 FACILITY ASSESSMENT

MDOT Site: Jones Garage

Assessor: AECOM

Inspection Date: 10/7/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	4	3	4	3	3	3

[illegible]

Location/Building Code	Deficiency	Estimated Cost
1S09 – GAR1	The exterior personnel doors are faded and corroded. Plan for replacement of exterior personnel doors.	\$7,858
1S09 – GAR1	The roof is leaking and peeling at the northeast corner of the building. Repair and recoat the area of the roof.	\$44,382
1S09 – GAR1	The partitions for the toilet and urinal are faded, corroded and rusting. Replace the partitions in the restroom.	\$4,495
1S09 – GAR1	The plumbing fixtures are stained and heavily corroded. Replace the plumbing fixtures.	\$7,858
1S09 – GAR1	The water heater and storage tank are beyond useful life. Replace water heater and storage tank.	\$2,190
1S09 – GAR1	The electrical distribution system is original to the building and past useful life. Replace the electrical distribution system.	\$18,298
1S09 – GAR1	The septic lift station is severely corroded. Replace the lift station.	\$24,507
1S09 – GAR1	The chain link fence is corroded and broken in areas. Replace the fence.	\$79,103
1S09 – GAR2	The exterior personnel doors are corroded and rusting. Replace doors.	\$27,805
1S09 – GAR 2	The plumbing fixtures are severely stained and corroded, Replace fixtures and investigate potential water softening system.	\$34,770
1S09 – GAR2	The electrical distribution system is original to the building and past useful life. Replace the electrical distribution system.	\$36,617
1S09 – GAR2	The coating on the roof is deteriorated. Repair and recoat roof.	\$18,402
1S09 – GAR2	The main electrical panelboard is past useful life. Replace the panel board.	\$6,735
1S09 – GAR2	The interior and exterior lighting is beyond useful life. Replace lighting.	\$13,131
1S09 – CSB2	The exterior surface of the building is weathered. Clean and paint the exterior of the building.	\$18,406
1S09 – CSB2	The exhaust fan has exceeded its useful life. Replace the exhaust fan.	\$1,486
1S09 – CSB2	The panelboard is severely corroded and past useful life. Replace panel board.	\$4,906
1S09 – CSB3	The exterior walls are weathered and deteriorated. Prep and repair, and paint exterior walls.	\$20,955
TOTAL		\$371,904

2022/2023 FACILITY ASSESSMENT

MDOT Site: Coldwater Welcome Center

Assessor: AECOM

Inspection Date: 11/1/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WCT	1	3	3	3	3	3	4	0	3	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1S24 – WCT1	Building settlement has appeared to cause cracking in walls and partitions. Investigate with structural consultant study.	\$5,000
1S24 – WCT1	Water intrusion, wood structure staining, and other evidence reflects need for roof replacement.	\$652,000
1S24 – WCT1	Cracks in wall and broken tiles in restrooms. Repair cracks, replace tiles.	\$1,452
1S24 – WCT1	Areas of the sidewalk show various stages of cracks and split concrete. Repair concrete.	\$3,854
TOTAL		\$662,306

2022/2023 FACILITY ASSESSMENT

MDOT Site: Marshall Garage

Assessor: AECOM

Inspection Date 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	3	0	0	0	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	0	0	0	3	3	0
GAR	1	3	3	3	3	3	3	3	3	3	3	3	3	4	0
LTB	1	0	3	0	0	3	0	0	0	0	0	0	0	0	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	0	0	3	0	0	3	3	0
SSB	2	3	4	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1S06 SSB-1	No exterior lighting was observed along the building perimeter.	\$ 9,593
1S06 SSB-2	The painted surface was weathered. Green algae growth was observed near the foundation of the wooden structure.	\$ 16,958

1S06 SSB-2	The exterior electrical distribution panelboard had signs of corrosion and was at the end of expected useful life.	\$ 6,782
1S06 SSB-2	No exterior lighting was observed along the building perimeter.	\$ 4,797
TOTAL		\$38,130.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Marshall TSC

Assessor: AECOM

Inspection Date: 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
TSC	1	3	3	3	3	3	3	3	3	4	0	4	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1S03 – TSC1	Window seals are deteriorated and mold is present from water intrusion. Clean, remediate mold, reseal windows.	\$8,891
1S03 – TSC1	The main door does not close properly and is a safety concern. Repair or replace door and frame.	\$8,585
1S03 – TSC1	The wallpaper is bubbling and peeling in areas. Replace wall covering.	\$3,466
1S03 – TSC1	The water pressure is inadequate to support the facility, toilets can not be flushed at the same time. Investigate and add booster pump if needed.	\$22,889
1S03 – TSC1	The heat pump is inadequately sized to support the reception area. Replace heat pump with appropriately sized equipment.	\$15,097

1S03 – TSC1	The exterior lighting poles are corroded at the base. Sand, prep and repaint the lighting poles to prevent further corrosion.	\$1,000
1S03 – TSC1	The concrete paving had several areas of heaving, broken and cracked surface. Repair concrete or replace areas.	\$8,951
1S03 – TSC1	The paving is cracked and significantly deteriorated throughout the site. Replace pavement.	\$356,435
TOTAL		\$425,314

2022/2023 FACILITY ASSESSMENT

MDOT Site: Southwest Region Office

Assessor: AECOM

Inspection Date: 11/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	4	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
REG	1	3	3	4	3	3	3	3	3	3	0	3	3	4	3

Location/Building Code	Deficiency	Estimated Cost
1S01 – REG1	Interior flooring and carpeting is worn, stained, faded and past useful life. Replace carpet.	\$194,627
1S01 – REG1	The ceilings throughout are drooping, stained, broken. Replace interior ceiling finishes.	\$262,171
1S01 – REG1	The back up generator is not functional and is beyond repair. Replace the back up generator.	\$197,320
1S01 – REG1	There are several areas of cracked and broken concrete on the pedestrian sidewalk. Repair and replace concrete.	\$17,681
1S01 – REG1		

TOTAL		\$671,799
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2022/2023 FACILITY ASSESSMENT

MDOT Site: Kalamazoo Garage

Assessor: AECOM

Inspection Date: 11/28/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	0	0	3	3	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
CSB	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0
CSB	2	4	4	0	0	3	4	0	0	3	0	0	3	3	0
CSB	3	3	3	0	0	3	3	0	0	0	0	0	3	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	4	4	3	4	3	4	3	3	3	3	4	3	4	3
HSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
LTB	1	0	0	0	0	3	0	0	3	0	0	0	0	0	0
LTB	2	0	3	0	0	3	0	0	0	0	0	0	0	0	0
LTB	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0
SSB	1	3	4	3	0	3	3	0	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
2U02 CSB-2	The electrical panel showed signs of corrosion and had exceeded its expected useful life.	\$ 6,782
2U02 CSB-2	Illuminated exit signs or emergency lighting were not observed inside the building during the site assessment.	\$ 2,987
2U02 CSB-1	Cracks and holes were observed in the wooden structure.	\$ 2,500
2U02 CSB-1	The exterior timber board walls were deteriorated and the painted surface was weathered.	\$ 13,884
2U02 CSB-1	Significant roof leaks and areas of damage to roof deck were observed during the site assessment.	\$ 53,591
2U02 CSB-1	Significant damage and cracks were observed during the site assessment. The interior paint had deteriorated.	\$ 9,256
2U02 HSB-1	The spray insulation was deteriorated. The insulation was peeling off of the walls in some areas.	\$ 16,308
2U02 HSB-1	The axial exhaust fan was observed to be non-operational and had exceeded its expected useful life.	\$ 2,750
2U02 HSB-1	The unit heaters have exceeded their expected useful life.	\$ 17,836
2U02 HSB-1	The interior electrical panel had exceeded its expected useful life.	\$ 6,782
TOTAL		\$380,024.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Southwest Region Maintenance Crews

Assessor: AECOM

Inspection Date: 11/28/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	0	3	0	0	4	3	0
CSB	2	3	4	3	3	3	3	3	3	3	0	0	4	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	4	3	4	3	3	3	3	4	0	4	3	3	4
HSB	1	3	3	3	0	3	3	3	3	3	0	3	3	3	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1S07 CSB-2 (Salt Storage -Dome)	Excessive cracking and holes were observed throughout the concrete dome and facility staff reported that they have concern about the structural integrity of the dome.	\$ 25,000

1S07 CSB-2 (Salt Storage -Dome)	The exterior painted surface was weathered and rust stains from ferrous material in the concrete was observed. Holes and cracks were observed on the interior side of the walls.	\$ 18,572
1S07 CSB-2 (Salt Storage -Dome)	Holes and cracks were observed on the interior of the roof cover.	\$ 145,335
1S07 CSB-2 (Salt Storage -Dome)	The axial exhaust fan was not operational at the time of the assessment and had exceeded its expected useful life.	\$ 8,250
1S07 CSB-2 (Salt Storage -Dome)	The electrical panel showed signs of corrosion and had exceeded its expected useful life.	\$ 6,782
1S07 CSB-2 (Salt Storage -Dome)	Facility staff reported that the interior and exterior lighting was inadequate.	\$ 4,399
1S07 SSB-1	Significant corrosion was observed on the roof fabric tie-down anchors which appeared to corrode and stain the concrete. There was also significant corrosion on the interior side of the exterior wall. Facility staff reported that the interior side of the walls were too short to hold salt materials.	\$ 24,047
1S07 SSB-1	Facility staff reported that the interior side of the walls were too short to hold salt materials.	\$ 117,783
1S07 SSB-1	Significant corrosion was observed along the exterior of the building where the fabric was strapped to the concrete. The tie-down straps appeared to be corroded and staining the concrete.	\$ 8,723
1S07 SSB-1	The disconnect switches for the exhaust fans were mounted on the exterior pavement next to the concrete walls.	\$ 4,807
1S07 CSB-2 (Salt Storage -Dome)	Excessive cracking and holes were observed throughout the concrete dome and facility staff reported that they have concern about the structural integrity of the dome.	\$ 25,000
1S07 CSB-2 (Salt Storage -Dome)	The exterior painted surface was weathered and rust stains from ferrous material in the concrete was observed. Holes and cracks were observed on the interior side of the walls.	\$ 18,572
1S07 CSB-2 (Salt Storage -Dome)	Holes and cracks were observed on the interior of the roof cover.	\$ 145,335
1S07 CSB-2 (Salt Storage -Dome)	The axial exhaust fan was not operational at the time of the assessment and had exceeded its expected useful life.	\$ 8,250

1S07 CSB-2 (Salt Storage -Dome)	The electrical panel showed signs of corrosion and had exceeded its expected useful life.	\$ 6,782
TOTAL		\$567,637.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Niles Garage

Assessor: AECOM

Inspection Date: 5/2/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	4	3	3	3	3	3	3	3	3	3	3	3	3	0
HSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	4	3	0	3	4	3	0	3	0	0	4	3	0
SSB	2	3	3	0	0	3	3	0	0	0	0	0	3	3	0
SSB	3	3	3	3	0	3	3	0	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1S13 – GAR1	Concrete shows significant surface pitting in the garage. Repair and resurface and seal concrete.	\$25,625
1S13 – GAR1	The roof is leaking above the breakroom area. Vegetation was growing in the gutter and the downspout had no splash guard. Repair the roof leak, clean the gutter and add a splash guard.	\$2,571
1S13 – GAR1	The chain link fence is corroded and broken in areas around the perimeter. It is beyond repair. Replace chain link fence.	\$63,283
1S13 – SSB1	The exterior timbers were weathered and deteriorated. Replace timbers and prep and repaint exterior.	\$23,626
1S13 – SSB1	The coating on the roof deck was deteriorated and peeling, areas of light were visible through the roof deck. Repair and reseal the roof deck.	\$17,584
1S13 – SSB1	The exhaust fan has exceeded its useful life. Replace exhaust fan.	\$1,486
1S13 – SSB1	The electrical distribution is original to the building and has exceeded its useful life. Replace the electrical distribution panel.	\$5,639
1S13 – SSB1	The lighting is original to the facility and beyond useful life. Replace lighting.	\$15,529
1S13 – SSB2	The electrical panel board was severely corroded. Replace the panel board.	\$4,906
1S13 – HSB1	There were areas of roof leaks. Repair roof and flashing around heaters.	\$991
1S13 – HSB1	The panel board is corroded and beyond useful life. Replace the panel board.	\$4,906
1S13 – SHB2	There is a section of missing shingles and daylight visible through the roof. Repair roof and replace shingles.	\$2,364
TOTAL		\$168,510

2022/2023 FACILITY ASSESSMENT

MDOT Site: Coloma Business Office

Assessor: AECOM

Inspection Date: 5/3/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
TSC	1	3	3	4	3	3	3	0	3	3	0	3	3	3	3
TST	1	3	3	3	3	3	3	3	3	3	0	0	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	3	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
1S04 TST-1	The T12 fixtures had exceeded typical useful life as T12 lamps are no longer being manufactured.	\$ 6,930
1S04 TST-1	The exterior personnel door had faded paint and surface corrosion on the door and frame.	\$ 2,620

1S04 TSC-1	The carpet had excessive wear, particularly in high traffic areas, and there was minor damage near carpet tile seams.	\$ 72,869
1S04 TSC-1	The metal door at the utility room had widespread corrosion on the and exterior side of the door and frame with areas of corrosion on the interior side of the frame. The metal door at the southeast corner had faded paint.	\$ 3,839
TOTAL		\$86,258.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Sawyer Garage

Assessor: AECOM

Inspection Date: 5/3/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	4	0	0	3	4	3	3	0	0	0	3	3	0
CSB	2	3	4	3	0	3	3	3	0	3	0	0	3	3	0
CSB	3	3	3	3	0	3	3	3	3	3	0	0	3	3	0
GAR	1	3	3	4	4	3	3	3	3	3	3	3	3	4	0
SSB	1	3	3	0	0	3	4	3	0	3	0	0	3	3	0
SSB	2	3	4	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1S14 – GAR1	The windows in the main bay area have moisture trapped inside. Replace windows.	\$25,083

1S14 – GAR1	Roof leaks are present at the north end of the building. Repair roof or roof seals.	\$1,781
1S14 – GAR1	The VCT flooring in the north addition is worn, scratched, stained. Replace the flooring in the north addition.	\$36,643
1S14 – GAR1	The electrical distribution panel shows signs of damage, corrosion. Replace panel.	\$29,883
1S14 – GAR1	The asphalt driveway had significant cracking and areas of missing pavement. Repave.	\$19,088
1S14 – SSB1	The exterior paint on the concrete dome is deteriorated, there are some areas of damaged concrete. Repair concrete, prep and paint dome.	\$35,023
1S14 – SSB1	The electrical panelboard is severely corroded. Replace panel board.	\$4,906
1S14 – SSB2	The plywood is weathered and deteriorated in some places. Prep and repaint the plywood.	\$28,410
1S14 – SSB2	There is evidence of water infiltration on the panel board dead cover. Replace	\$2,702
1S14 – CSB1	The paint on the exterior metal panels and wood siding is peeling and weathered. Prep and paint the exterior walls.	\$20,455
1S14 – CSB1	The coating on the roof is peeling and deteriorated. Prep and recoat the roof.	\$21,265
1S14 – CSB1	Existing conduit is severely corroded. Areas of wire have been removed. There is no power to the building. Repair and restore electrical.	\$4,625
1S14 – CSB2	The exterior timber boards are deteriorated and weathered. Prep, replace boards, and paint.	\$35,449
TOTAL		\$265,313

2022/2023 FACILITY ASSESSMENT

MDOT Site: South Haven Garage

Assessor: AECOM

Inspection Date: 5/3/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CMA	1	2	2	0	0	2	2	0	2	0	0	0	2	0	0
CSB	1	3	4	3	0	3	3	3	0	0	0	0	3	3	0
CSB	2	3	3	3	0	3	3	3	3	0	0	0	3	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	4	4	3	3	3	3	3	3	0	3	3	3	0
GAR	2	3	3	0	0	3	3	3	3	3	0	0	3	3	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0
SSB	2	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1S12 – GAR1	CMU joints are deteriorated and paint is peeling and weathered. Tuck point and paint exterior of building.	\$47,243
1S12 – GAR1	The VCT flooring in the office and support area is excessively worn, stained and deteriorated. Replace flooring.	\$30,532
1S12 – GAR1	The sealant around the French drain is corroded and causing the concrete to erode. Repair the concrete around the drain and reseal the area.	\$1,789
1S12 – CSB1	The exterior timber boards are weathered, deteriorated. Repair and replace boards and prep and paint exterior.	\$18,012
TOTAL		\$97,576

2022/2023 FACILITY ASSESSMENT

MDOT Site: Kalamazoo TSC

Assessor: AECOM

Inspection Date: 5/4/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	0	0	3	3	3	3	0	0	0	3	0	0
CSB	2	3	3	0	0	3	3	3	3	0	0	0	3	3	0
TSC	1	3	3	3	3	3	4	0	3	4	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1S02 CSB-2	The roof covering was nearing the end of expected useful life; however, there were no observable leaks or known issues.	\$ 7,575
1S02 CSB-1	The roof covering was nearing the end of expected useful life; however, there were no observable leaks or known issues.	\$ 3,443
TOTAL		\$11,018.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Paw Paw Garage

Assessor: AECOM

Inspection Date: 5/4/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	4	3	3	3	0	0	3	3	0
GAR	1	4	4	3	3	3	4	3	3	4	3	3	3	4	3
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1S02 CSB-2	The roof covering was nearing the end of expected useful life; however, there were no observable leaks or known issues.	\$ 7,575
1S02 CSB-1	The roof covering was nearing the end of expected useful life; however, there were no observable leaks or known issues.	\$ 3,443

1S08 CSB-1	The coating on the metal roof was deteriorated.	\$ 18,402
1S08 CSB-1	The panelboard was moderately corroded.	\$ 8,611
1S08 GAR-1	There was corrosion at base of the steel columns in the original garage.	\$ 31,436
1S08 GAR-1	The brick chimney was damaged and not used.	\$ 8,000
1S08 GAR-1	The CMU joints had widespread deterioration with signs of efflorescence on the interior of the walls and there were areas of vegetative growth along the wall.	\$ 470,448
1S08 GAR-1	The coating on the metal roofing was deteriorated or missing throughout.	\$ 112,456
1S08 GAR-1	Three condensing units utilized R-22 refrigerant which is no longer manufactured.	\$ 24,519
1S08 GAR-1	The distribution panelboards were all missing several blank circuit covers and had exceeded their typical useful life.	\$ 33,671
1S08 GAR-1	The chain link fence was corroded and broken throughout the perimeter.	\$ 79,103
1S08 GAR-1	Two of the windows in the parts area had frequent leaks.	\$ 4,181
1S08 SSB-1	On the interior side of the west wall there was exposed rebar in a section that appeared to have previous repairs.	\$ 2,761
1S08 SHB-2	The walls, roof, and doors had excessive damage throughout.	\$ 8,000
1S08 SHB-1	The walls, roof, and doors had excessive damage throughout.	\$ 8,000
TOTAL		\$820,606.00

SUPERIOR REGION

2022/2023 FACILITY ASSESSMENT

MDOT Site: Gladstone Sign & Signal Shop

Assessor: AECOM

Inspection Date: 8/15/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
SGN	1	3	3	3	3	3	3	3	3	4	0	4	4	3	3
SHB	1	2	2	0	0	2	2	0	2	0	0	0	0	0	0
SMS	1	4	3	4	3	3	3	3	3	3	0	3	4	3	3
TST	1	2	2	2	2	2	2	2	2	2	0	2	2	2	0

Location/Building Code	Deficiency	Estimated Cost
1P06 SGN-1	The kitchen sinks had exceeded their expected useful life.	\$ 3,958
1P06 SGN-1	The drinking fountains had exceeded their expected useful life.	\$ 5,020
1P06 SGN-1	The emergency eyewash had exceeded its expected useful life.	\$ 1,302

1P06 SGN-1	The service sink had exceeded its expected useful life.	\$ 2,724
1P06 SGN-1	The restroom plumbing fixtures had exceeded their expected useful life.	\$ 3,436
1P06 SGN-1	Facility staff reported that the gravel testing area did not have adequate exhausting.	\$ 58,751
1P06 SGN-1	The interior and exterior lighting fixtures had exceeded their expected useful life.	\$ 52,801
TOAL		\$127,992.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Escanaba TSC

Assessor: AECOM

Inspection Date: 8/15/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
TSC	1	3	3	3	4	3	4	0	3	4	0	3	4	4	4

Location/Building Code	Deficiency	Estimated Cost
1P100 TSC-1	The roof covering was approaching the end of its expected useful life.	\$ 99,599
1P100 TSC-1	The baseboard heating was approaching the end of its expected useful life.	\$ 18,065
1P100 TSC-1	The air cooled condenser utilized R22 refrigerant and was approaching the end of its expected useful life.	\$ 13,416
1P100 TSC-1	The heating hot water circulation pumps were approaching the end of their expected useful life.	\$ 15,187

1P100 TSC-1	The two heating hot water boilers were approaching the end of their expected useful life.	\$ 69,312
1P100 TSC-1	The fire alarm control panel and devices had exceeded their expected useful life.	\$ 38,009
1P100 TSC-1	The panelboards were approaching the end of their expected useful life.	\$ 44,195
1P100 TSC-1	The asphalt parking lot paving had a degraded surface and degraded striping. There were also cracks with vegetation growth and some that were in need of resealing.	\$ 49,174
1P100 TSC-1	The windows were approaching the end of their expected useful life.	\$ 102,421
1P100 TSC-1	A backflow preventer appeared to have a leak causing corrosion on the duct work below it.	\$ 728
1P100 TSC-1	Facility staff reported a leak in the upstairs section of the sprinkler piping.	\$ 10,000
1P100 TSC-1	The interior and exterior lighting had exceeded their expected useful life.	\$ 61,616
TOTAL		\$521,722.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Houghton Garage

Assessor: AECOM

Inspection Date: 8/15/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	2	2	2	0	2	2	2	2	2	0	0	2	2	0
GAR	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SHB	1	2	2	0	0	2	2	0	2	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1P11 GAR-1	Impact damage and a tear in the east facing metal panels at the south east corner of the building were observed.	\$ 3,586
1P11 GAR-1	Facility staff reported that the site needed a perimeter fence and gates.	\$ 134,615
TOTAL		\$138,201.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Houghton Hancock Lift Bridge (Operation Control Room)

Assessor: AECOM

Inspection Date: 8/15/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
0	3	0	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
BRG	1	3	3	3	3	3	3	0	3	3	0	3	3	3	4
GEN	1	3	3	3	3	3	3	0	3	3	0	0	3	4	3
SHB	1	3	3	0	3	3	4	0	3	0	0	0	0	3	0

Location/Building Code	Deficiency	Estimated Cost
27P9 BRG-1	The roof covering had exceeded its expected useful life and facility staff reported leaks.	\$ 2,574
27P9 BRG-1	Moisture damage was observed on the east wall below a window.	\$ 702
27P9 BRG-1	The 2-Ton condenser unit had exceeded its expected useful life.	\$ 8,173

27P9 BRG-1	The fire alarm control panel was beyond expected useful life.	\$ 25,129
27P9 BRG-1	The doors were approaching the end of their expected useful life.	\$ 2,799
27P9 GEN-1	It was assumed the roof covering was same age as the control building and had exceeded its expected useful life.	\$ 3,088
27P9 GEN-1	The exterior doors had exceeded the end of their expected useful life and had minor rust spots.	\$ 2,799
27P9 GEN-1	The security alarm door contact was broken and the security panel was disconnected.	\$ 1,639
27P9 GEN-1	Facility staff reported that the emergency generator transfer switch needs replaced.	\$ 13,740
27P9 SHB-1	It was assumed the roof covering was same age as the control building and had exceeded its expected useful life.	\$ 11,323
27P9 SHB-1	The interior distribution panel had exceeded its expected useful life.	\$ 4,906
27P9 SHB-1	The exterior windows had exceeded their expected useful life and had missing hardware, deteriorated sealant, and cracked panes.	\$ 4,181
27P9 SHB-1	The hollow metal exterior door had exceeded its expected useful life.	\$ 1,400
TOTAL		\$82,453.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Ironwood Welcome Center

Assessor: AECOM

Inspection Date: 8/15/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	4	0	3	4	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WCT	1	3	3	3	3	3	3	3	4	4	0	3	4	4	3

Location/Building Code	Deficiency	Estimated Cost
2P22 WCT-1	The split systems utilized R-22 refrigerant which has been phased out of production in the US and is no longer available by import.	\$ 30,771
2P22 WCT-1	The electric heater in the grounds building had exceeded its expected useful life.	\$ 2,631
2P22 WCT-1	The electrical panels were approaching the end of their expected useful life.	\$ 16,545
2P22 WCT-1	The original pedestrian paving had moderate cracking and uneven surfaces throughout.	\$ 23,366

2P22 WCT-1	Moderate sized cracks and uneven surfaces as well as damaged curbs were observed in the concrete parking lots.	\$ 279,613
2P22 WCT-1	There was no ADA accessible ramp from the truck parking lot. Slopes of existing sidewalks from truck parking lot were too steep.	\$ 61,540
2P22 WCT-1	Facility staff reported that although the parking lot and pedestrian areas were upgraded with LED pole mounted fixtures the lighting in the parking was still inadequate.	\$ 27,557
2P22 WCT-1	Facility staff reported that the lobby interior lighting fixtures over media were aged and did not provide adequate lighting for visitors.	\$ 13,860
2P22 WCT-1	The hollow metal doors had exceeded their expected useful life.	\$ 12,595
2P22 WCT-1	It was noted by building staff that the single camera was not sufficient for the site.	\$ 8,704
TOTAL		\$477,182.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Menominee Welcome Center

Assessor: AECOM

Inspection Date: 8/15/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WCT	1	3	3	3	3	3	4	0	3	3	0	4	4	4	3

Location/Building Code	Deficiency	Estimated Cost
2P54 WCT-1	The wood shake roofing appeared to have exceeded its expected useful life and facility staff reported several roof leaks.	\$ 78,591
2P54 WCT-1	The drinking fountain had exceeded its expected useful life.	\$ 2,510
2P54 WCT-1	One of the lavatories valves was missing and all of the multi-occupant restrooms' plumbing fixtures were approaching the end of their expected useful life.	\$ 21,652
2P54 WCT-1	The mop sink was approaching the end of its expected useful life.	\$ 850

2P54 WCT-1	The electric unit heaters were approaching the end of their expected useful life.	\$ 3,841
2P54 WCT-1	The panelboards had exceeded their expected useful life.	\$ 13,563
2P54 WCT-1	The VCT had exceeded its expected useful life and had cracks, chips, and mismatched tiles.	\$ 5,211
2P54 WCT-1	The water heater had exceeded its expected useful life.	\$ 3,204
2P54 WCT-1	The interior lighting was approaching the end of its expected useful life.	\$ 20,789
TOTAL		\$150,211.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Covington Storage

Assessor: AECOM

Inspection Date: 8/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	0	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	0	0	3	3	3	3	3	0	3	3	3	0
SSB	1	3	3	3	0	3	4	0	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1P0001 CSB-1	The 2007 exterior concrete apron was cracked and had settled approximately one to two inches along the building foundation.	\$ 1,055
1P0001 SSB-1	The 1997 asphalt shingles had exceeded their expected useful life.	\$ 62,938
1P0001 SSB-1	The exterior electrical panelboard near the facility entrance had signs of corrosion and was nearing the end of its expected useful life.	\$ 6,782
TOTAL		\$70,775.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Crystal Falls TSC

Assessor: AECOM

Inspection Date: 8/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	4	0	0	3	4	0	0	0	0	0	0	0	0
HSB	1	3	3	3	4	3	3	3	3	3	0	3	4	3	0
TSC	1	3	3	3	3	3	3	3	3	4	0	3	3	3	3
TST	1	3	3	4	3	3	3	3	3	3	0	4	4	4	0

Location/Building Code	Deficiency	Estimated Cost
1P02 CSB-1	The plywood panels were weathered, had moisture damage at their base, and had peeling paint. The translucent corrugated fiberglass panels were deteriorated.	\$ 30,076
1P02 CSB-1	The asphalt shingles had exceeded their expected useful life, were deteriorated and curling, and had rotten and loose fascia boards.	\$ 11,775

1P02 HSB-1	Efflorescence on the east wall was causing peeling paint.	\$ 1,352
1P02 HSB-1	The exterior windows had exceeded their expected useful life and were inoperable.	\$ 22,993
1P02 HSB-1	The interior garage bay, mezzanine and exterior lighting was aged beyond expected useful life.	\$ 16,216
1P02 HSB-1	The hollow metal door had exceeded its expected useful life.	\$ 2,620
1P02 TST-1	The building plumbing fixtures were aged beyond their expected useful life.	\$ 10,268
1P02 TST-1	The furnace in the attic space above the office/storage area was beyond its expected useful life.	\$ 5,168
1P02 TST-1	The main service and electrical distribution system was aged beyond its expected useful life.	\$ 61,710
1P02 TST-1	The concrete floor finishes were beyond their expected useful life.	\$ 5,549
1P02 TST-1	The carpet floor finishes were beyond their expected useful life.	\$ 30,067
1P02 TST-1	The domestic water distribution system was aged beyond its expected useful life.	\$ 65,132
1P02 TST-1	The interior and exterior lighting was beyond its expected useful life.	\$ 30,012
1P02 TSC-1	The four condensing units were nearing the end of their expected useful life.	\$ 49,143
1P02 TSC-1	The older asphalt paving from the heated storage building south to Fire Tower Road was severely cracked and had areas of excessive vegetation growth in cracks.	\$ 358,817
1P02 TSC-1	The gas-fired 30-gallon water heater in the mechanical room was beyond its expected useful life.	\$ 4,408
TOTAL		\$705,306.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Engadine Garage

Assessor: AECOM

Inspection Date: 8/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	4	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	3	0	0	4	3	0
GAR	1	3	4	3	4	3	4	3	3	4	0	3	4	4	0
GAR	2	3	4	4	3	3	4	3	3	4	3	4	3	4	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	3	0	0	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1P08 CSB-1	The panelboard was approaching the end of its expected useful life.	\$ 4,906
1P08 CSB-1	The interior and exterior lighting had exceeded its expected useful life.	\$ 14,330

1P08 GAR-1	Minor step cracking and peeling paint was observed.	\$ 14,131
1P08 GAR-1	The coating on the metal roof was deteriorated and peeling. The asphalt shingles had exceeded their expected useful life and had missing shingles and excessive de-granularization.	\$ 29,280
1P08 GAR-1	The single occupant restroom plumbing fixtures had exceeded their expected useful life.	\$ 3,436
1P08 GAR-1	The unit heater had exceeded its expected useful life.	\$ 12,810
1P08 GAR-1	The majority of the electrical distribution equipment was original to building construction in 1959 and had exceeded its expected useful life. Additionally, some of the distribution equipment was manufactured by Federal Pacific whose breakers have been known to fail to trip when overloaded causing a fire hazard.	\$ 47,466
1P08 GAR-1	Facility staff reported the fuel in the site fuel station would periodically freeze in winter. Fuel storage was essential for vehicles due to limited hours at local gas stations.	\$ 15,000
1P08 GAR-1	Facility staff reported that two light pole fixtures were not adequate for the area.	\$ 36,742
1P08 GAR-1	The perimeter chain link fence had bent and damaged posts, loose barbed wire, widespread corrosion and was covered by overgrown trees and vegetation.	\$ 88,754
1P08 GAR-1	Facility staff reported concerns with drinking water quality and reported the well water was no longer filtered.	\$ 500
1P08 GAR-1	The windows had exceeded their expected useful life.	\$ 31,354
1P08 GAR-1	The interior and exterior lighting had exceeded its expected useful life.	\$ 17,868
1P08 GAR-2	There was stairstep cracking of the CMU, particularly at the south and east wall, and cracking of the brick on the south wall.	\$ 33,908
1P08 GAR-2	Facility staff reported leaks from numerous areas of the roof. Ponding and deteriorated seal coat was observed on the roof above the garage bay.	\$ 170,354
1P08 GAR-2	The single occupant and multi-occupant restroom plumbing fixtures had exceeded their expected useful life and the urinals had unreliable flush handles.	\$ 66,163
1P08 GAR-2	The radiant heaters did not reliably heat the garage area.	\$ 35,566

1P08 GAR-2	The ground hoist had not been usable in over five years and the floor grates were welded shut. Facility staff reported that a ground hoist would make their job more efficient and safer.	\$ 95,705
1P08 GAR-2	The rooftop unit was nearing the end of its expected useful life and utilized R22 refrigerant, which is no longer manufactured.	\$ 20,109
1P08 GAR-2	The exhaust fans on the roof had exceeded their expected useful life.	\$ 11,000
1P08 GAR-2	The electrical distribution system components varied in original installation age with portions of the system original to 1970. The original panelboards, switches, and distribution equipment and wiring had exceeded its expected useful life.	\$ 245,233
1P08 GAR-2	The generator had exceeded its expected useful life.	\$ 44,804
1P08 GAR-2	The VCT in the offices and breakroom was worn and scratched.	\$ 32,433
1P08 SHB-1	The exterior doors were damaged and weathered. The door hardware was loose and/or missing.	\$ 1,000
1P08 SHB-2	There were areas of missing or weathered shingles.	\$ 500
TOTAL		\$1,073,352.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: L'Anse Garage

Assessor: AECOM

Inspection Date: 8/16/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	4	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
GAR	1	3	4	4	4	3	3	3	3	4	3	3	3	4	3
GAR	2	3	3	3	0	3	3	3	3	3	0	0	3	3	3
SSB	1	3	3	3	0	3	3	4	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1P10 GAR-1	The 1986 EIFS had small areas of damage throughout and excessive damage at the northeast corner of the garage near the gas meter.	\$ 21,190
1P10 GAR-1	Facility staff reported that heating was poor in the mechanics area and the three make-up units were not working efficiently.	\$ 50,352
1P10 GAR-1	Corrosion on the exterior transformer housing was observed.	\$ 20,398

1P10 GAR-1	There were distribution panelboard and safety switches, located in a storage room near the wash bay that were assumed 1986 and beyond their expected useful life.	\$ 11,766
1P10 GAR-1	The 1986 asphalt paving was moderately cracked and deteriorated and the north parking lot paving was excessively cracked and had vegetation growing in the cracks	\$ 254,119
1P10 GAR-1	The concrete aprons at the west overhead doors had excessive cracks and spalls.	\$ 3,595
1P10 GAR-1	The 1986 chain link fence west of the building and along Winter Street had bent posts, loose barbed wire, and damaged fabric, and the gates had bent frames.	\$ 57,156
1P10 GAR-1	The 1986 windows had fogged panes due to failed seals.	\$ 50,166
1P10 GAR-1	The carpet tile was dirty and had heavy wear in traffic areas and under chair rollers.	\$ 31,284
1P10 GAR-1	The 1986 hollow metal doors and frames had exceeded their expected useful life.	\$ 4,199
1P10 SSB-1	The electrical panelboard located in the garage bay was at the end of its expected useful life.	\$ 4,906
1P10 SSB-1	The overhead sectional doors had exceeded their expected useful life.	\$ 13,191
TOTAL		\$522,322.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Ishpeming TSC

Assessor: AECOM

Inspection Date: 8/17/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	3	3	3	3	3	0	0	0	3	3	0
TSC	1	3	3	3	3	3	4	0	3	4	0	3	3	3	3
TST	1	3	3	3	3	3	3	3	3	3	0	3	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1P03 TST-1	The natural gas unit heater was corroded and beyond its expected useful life.	\$ 8,918
1P03 TSC-1	The interior basement wall at the stairs had efflorescence and peeling paint due to moisture intrusion.	\$ 1,840
1P03 TSC-1	The original asphalt shingle roof covering had exceeded its expected useful life.	\$ 43,795

1P03 TSC-1	The two 4-T condensing units were nearing end of their expected useful life and used R-22 refrigerant, which was phased out of production.	\$ 26,832
1P03 TSC-1	The assumed 3,000CFM air handling unit used R-22 refrigerant, which was phased out of production.	\$ 71,572
1P03 TSC-1	Two awning windows on the north wall of the kitchen had single pane glazing and missing hardware.	\$ 4,181
TOTAL		\$157,138.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Newberry TSC

Assessor: AECOM

Inspection Date: 8/17/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	2	2	2	2	2	2	2	2	0	0	0	2	2	0
TSC	1	3	3	4	3	3	3	3	3	4	0	4	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1P04 TSC-1	The front restrooms interior wall finishes were beyond their expected useful life.	\$ 19,531
1P04 TSC-1	The front restrooms' plumbing fixtures were replaced over time; however they were overall aged beyond their expected useful life.	\$ 10,826
1P04 TSC-1	The six ducted split systems were nearing end of their expected useful life. Facility staff reported known issues with cooling zones.	\$ 76,818

1P04 TSC-1	There were cracks in the pedestrian sidewalk at the east elevation of the building.	\$ 1,000
1P04 TSC-1	The front restrooms' wood doors were delaminated at the bottom and beyond their expected useful life.	\$ 4,862
1P04 TSC-1	The front restrooms' floor finish was beyond its expected useful life.	\$ 12,316
1P04 TSC-1	The electric 30-gallon water heater in the mechanical room (Door #7 B03) was corroded and beyond its expected useful life.	\$ 4,275
1P04 TSC-1	The front restrooms' water closet and urinal partitions were beyond their expected useful life.	\$ 10,579
1P04 TSC-1	The security card reader and camera were functional; however facility staff reported that the system was beyond expected useful life.	\$ 4,750
TOTAL		\$144,957.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: St. Ignace Garage

Assessor: AECOM

Inspection Date: 8/17/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	4	3	4	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	0	0	0	3	3	0
CSB	2	3	4	3	0	3	3	3	4	0	0	0	3	3	0
GAR	1	3	3	4	3	3	3	3	3	4	0	4	4	4	0
GAR	2	3	3	4	3	3	3	3	3	4	0	3	4	4	0
GEN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HSB	1	3	3	3	3	3	4	3	3	3	0	0	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	3	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	3	3	0	3	3	3	0	0	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
1P09 CSB-2	The exterior timber board walls were deteriorated with sections of damage along the back wall, and the painted surface was weathered.	\$ 41,796
1P09 CSB-2	The interior wall sections had areas of damaged and deteriorated wood with evidence of past repairs.	\$ 7,714
1P09 CSB-2	The panelboard had exceeded its expected useful life and the conduit routing to the panelboard had severe corrosion.	\$ 6,782
1P09 CSB-2	The exterior lighting had exceeded its expected useful life.	\$ 3,538
1P09 CSB-2	The sliding doors had isolated areas of damage and were difficult to operate.	\$ 58,252
1P09 HSB-1	The coating on the metal roof was deteriorated.	\$ 17,176
1P09 GAR-1	The kitchen sink had exceeded its expected useful life.	\$ 1,979
1P09 GAR-1	The multi-occupant restroom plumbing fixtures had exceeded their expected useful life.	\$ 59,356
1P09 GAR-1	The showers had exceeded their expected useful life.	\$ 3,373
1P09 GAR-1	The water cooler had exceeded its expected useful life.	\$ 5,020
1P09 GAR-1	The emergency eyewash had exceeded its expected useful life.	\$ 1,302
1P09 GAR-1	The service sink had exceeded its expected useful life.	\$ 2,724
1P09 GAR-1	The radiant tube heaters had exceeded their expected useful life.	\$ 23,711
1P09 GAR-1	The condensing units utilized R22 refrigerant, which is not longer manufactured.	\$ 26,686
1P09 GAR-1	Two of the distribution panelboards were original to building construction and had exceeded their expected useful life.	\$ 13,469
1P09 GAR-1	The perimeter chain link fence had bent and damaged posts, loose and missing barbed wire, widespread corrosion and was covered by overgrown trees and vegetation.	\$ 207,714
1P09 GAR-1	The site lighting fixtures and poles had exceeded their expected useful life.	\$ 49,312

1P09 GAR-1	The concrete driveway had exceeded its expected useful life and had areas of spalling and damaged concrete.	\$ 215,701
1P09 GAR-1	Facility staff reported that the fuel in the site fuel station would periodically freeze in winter and did not have enough capacity. Fuel storage was essential for vehicles due to limited hours at local gas stations. Staff also reported that an additional tank was planned but without a shed or covering for the fuel area.	\$ 7,500
1P09 GAR-1	The asphalt parking lot had widespread alligator cracking and several potholes.	\$ 1,715,133
1P09 GAR-1	The VCT flooring in the conference room and office area had exceeded its expected useful life and had significant wear.	\$ 112,417
1P09 GAR-1	The majority of the interior lighting had exceeded its expected useful life.	\$ 99,388
1P09 GAR-1	The majority of the exterior lighting had exceeded its expected useful life.	\$ 15,127
1P09 GAR-2	The metal railing on the exterior concrete stairs was damaged and the concrete was cracked and had vegetation growing on the steps.	\$ 2,227
1P09 GAR-2	The water cooler had exceeded its expected useful life.	\$ 2,510
1P09 GAR-2	The service sink had exceeded its expected useful life.	\$ 2,724
1P09 GAR-2	The single occupant restroom plumbing fixtures had exceeded its expected useful life.	\$ 3,436
1P09 GAR-2	The emergency eyewash had exceeded its expected useful life.	\$ 1,302
1P09 GAR-2	The radiant tube heaters were reported to have maintenance issues and had exceeded their expected useful life.	\$ 22,623
1P09 GAR-2	The condensing unit utilized R22 refrigerant, which is not longer manufactured.	\$ 8,896
1P09 GAR-2	Four of the distribution panelboards were original to building construction and had exceeded their expected useful life.	\$ 26,937
1P09 GAR-2	The VCT flooring in the office area had exceeded its expected useful life and had significant wear.	\$ 23,084
1P09 GAR-2	The majority of the interior lighting had exceeded its expected useful life.	\$ 51,144
TOTAL		\$2,840,053.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: St. Ignace Welcome Center

Assessor: AECOM

Inspection Date: 8/17/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WCT	1	3	3	4	3	3	3	0	3	3	0	4	4	4	0

Location/Building Code	Deficiency	Estimated Cost
2P47 WCT-1	Faded and peeling paint was observed throughout the wood siding and on fascia boards.	\$ 6,248
2P47 WCT-1	The drinking fountain had exceeded its expected useful life.	\$ 2,510
2P47 WCT-1	The plumbing fixtures within the multi-occupant restrooms had exceeded their expected useful life.	\$ 27,307
2P47 WCT-1	The mop sink had exceeded its expected useful life.	\$ 850
2P47 WCT-1	The kitchen sink had exceeded its expected useful life.	\$ 1,979

2P47 WCT-1	The condensing unit utilized R22 refrigerant and had exceeded its expected useful life.	\$ 8,173
2P47 WCT-1	The panelboards had corrosion on their enclosures and had exceeded their expected useful life.	\$ 17,221
2P47 WCT-1	The wood deck was weathered and had loose boards throughout. The facility sign post was weathered and had damage at it's base.	\$ 7,184
2P47 WCT-1	The asphalt parking had excessive linear and alligator cracking, potholes, and deteriorated surface.	\$ 975,690
2P47 WCT-1	The aluminum clad wood doors had exceeded their expected useful life and had discolored surfaces.	\$ 7,832
2P47 WCT-1	The rubber tile was approaching the end of its expected useful life.	\$ 34,901
2P47 WCT-1	The carpet tile had exceeded its expected useful life	\$ 19,248
2P47 WCT-1	The water heater had exceeded its expected useful life.	\$ 3,934
2P47 WCT-1	The interior and exterior lighting had exceeded its expected useful life.	\$ 57,094
2P47 WCT-1	The aluminum clad wood door had exceeded its expected useful life.	\$ 3,246
TOTAL		\$1,173,417.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Marquette Welcome Center

Assessor: AECOM

Inspection Date: 8/17/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	0	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
REG	1	3	3	3	3	3	3	0	3	0	0	0	0	0	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
2P49 WCT-1	The electrical panelboard in the basement was aged beyond its typical useful life.	\$ 6,735
2P49 WCT-1	Facility staff reported that the asphalt walkway to the lower level was too steep and hard to navigate in the winter with snow and ice.	\$ 14,149
2P49 WCT-1	The roadways and parking lots had a moderate amount of linear cracking, minor surface deterioration, and deteriorated striping. Facility staff reported that the catch basins need rehabilitated.	\$ 30,063

2P49 WCT-1	The windows had deteriorated frames, fogged glazing panes, and staff reported that seals don't seal properly and let the cold in in the winter.	\$ 22,311
2P49 WCT-1	The wood cabinets were heavily worn and scratched.	\$ 23,192
TOTAL		\$96,450.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Sault Ste. Marie Welcome Center

Assessor: AECOM

Inspection Date: 8/18/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WCT	1	3	3	3	3	3	3	0	3	3	0	3	3	4	3

Location/Building Code	Deficiency	Estimated Cost
2P16 WCT-1	Several smoke alarm devices in the public restroom mechanical/storage and the welcome center were aged beyond their expected useful life. Smoke alarms were not present in the Welcome Center media storage room and furnace/storage room.	\$ 3,951
2P16 WCT-1	Two electrical panelboards serving the public restrooms were aged beyond their expected useful life.	\$ 11,640
2P16 WCT-1	The parking lots and roadways had at least 24 transverse cracks with deteriorated sealant and vegetation growth.	\$ 2,453

2P16 WCT-1	Concrete sidewalk south of the welcome center to the parking lot had an uneven joint that has caused a tripping hazard.	\$ 1,314
2P16 WCT-1	Concrete paving at the top of the exterior steps was cracked due to settlement.	\$ 945
2P16 WCT-1	The six large wood frame windows had deteriorated exterior bottom sills and two of the large wood windows had fogged panes.	\$ 5,489
2P16 WCT-1	The epoxy floor paint in the restroom mechanical/storage room was excessively worn in high traffic areas.	\$ 3,451
TOTAL		\$29,243.00

UNIVERSITY REGION

2022/2023 FACILITY ASSESSMENT

MDOT Site: Jackson TSC

Assessor: AECOM

Inspection Date: 5/31/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	4	0	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
TSC	1	3	3	3	3	3	3	0	3	4	0	4	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1U04 TSC-1	The water closets and urinal were reported by facility staff to have issues flushing.	\$ 12,984
1U04 TSC-1	The package units were deteriorated, corroded, and made excessive noise when in operation.	\$ 47,588
1U04 TSC-1	The sidewalk and transformer pad at the north entrance door stoop had settled.	\$ 30,133

1U04 TSC-1	The domestic water heater was corroded and had exceeded its expected useful life.	\$ 4,427
1U04 TSC-1	The domestic backflow preventer was corroded.	\$ 5,521
TOTAL		\$100,653.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Jackson Testing Lab

Assessor: AECOM

Inspection Date: 5/31/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	3	3	3	0	0	3	3	0	3	0	0	0	0	0	0
TST	1	3	3	3	3	3	3	3	3	3	0	3	3	3	3

Location/Building Code	Deficiency	Estimated Cost
1U05 SHB-2	The asphalt shingles were aged. There were several missing shingles with weathered sheathing exposed.	\$ 2,066

1U05 SHB-2	The wood doors were heavily weathered and warped.	\$ 4,339
1U05 TST-1	The chain link swinging gate at the northeast elevation was overgrown with vegetation and appeared to be inoperable.	\$ 29,932
1U05 TST-1	Facility staff reported that the sanitary piping routing to the septic tanks was not pitched correctly causing them to backup into the building.	\$ 7,677
TOTAL		\$44,014.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: University Region Maintenance Crews

Assessor: AECOM

Inspection Date: 5/31/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
FSB	2	3	3	0	0	3	3	0	3	0	0	0	3	0	0
HSB	1	3	3	3	4	3	3	3	3	3	0	0	3	3	0
RMC	1	3	4	4	3	3	4	3	3	4	0	4	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
1U06 CSB-1	The metal panels behind the exterior storage racks had minor impact damage and tears.	\$ 9,269

1U06 FSB-1	The exterior door had exceeded its expected useful life and had faded paint, minor surface damage, and excessive rust corrosion on the bottom of the door and frame.	\$ 2,620
1U06 HSB-1	The windows were approaching the end of their expected useful life and had broken seals, fogging between panes.	\$ 37,624
1U06 HSB-1	The personnel doors were approaching the end of their expected useful life and rust corrosion on their frames.	\$ 5,239
1U06 RMC-1	The paint to the exterior CMU walls was faded and chipped.	\$ 46,405
1U06 RMC-1	The caulk around the perimeter of the base of the building was deteriorated.	\$ 13,400
1U06 RMC-1	The membrane roof covering had exceeded it's expected useful life.	\$ 242,703
1U06 RMC-1	A moderate size crack was observed below joist girder and bridge crane support bearing points in the maintenance bay. Minor step cracking was observed at the southeast corner of the maintenance bay. There was also step cracking observed in the corridor wall near the women's locker room.	\$ 8,308
1U06 RMC-1	The water closets, lavatories and urinals in the men's and women's locker rooms showed signs of wear and nearing end of expected useful life.	\$ 18,316
1U06 RMC-1	The central-station was nearing end of expected useful life.	\$ 71,572
1U06 RMC-1	The wash bay unit heater was beyond expected useful life.	\$ 8,918
1U06 RMC-1	The garage exhaust fans were not functional.	\$ 13,750
1U06 RMC-1	The garage make-up air units were beyond their expected useful life.	\$ 50,352
1U06 RMC-1	The air cooled condensing unit (15 Tons) at the east elevation was showing signs of weathering and nearing end of expected useful life.	\$ 25,352
1U06 RMC-1	The garage radiant heaters were beyond their expected useful life.	\$ 29,638
1U06 RMC-1	There was corrosion on the doors and door frames of the Wash Bay's exterior doors at the west elevation.	\$ 5,239
1U06 RMC-1	The laminate countertop in the men's locker room had exceeded their expected useful life and had discolored surfaces and deteriorated caulk.	\$ 3,273
1U06 SHB-1	The exterior doors had exceeded their expected useful life and had faded and paint, minor surface damage, and minor rust corrosion.	\$ 5,239
TOTAL		\$597,217.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Adrian Garage

Assessor: AECOM

Inspection Date: 6/1/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	0	0	0	0	0	3	3	0
CSB	2	3	3	3	0	3	3	3	3	3	0	3	3	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	4	3	3	3	3	3	3	3	3	4	3	4	3
HSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
SSB	1	3	3	3	0	3	3	0	0	0	0	0	3	3	0
SSB	2	3	3	3	0	3	3	0	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
2U06 CSB-1	Wood rot was observed at the base of the timber columns.	\$ 2,500

2U06 CSB-1	Gouges and broken timber boards were observed on the wall.	\$ 4,628
2U06 FSB-1	The doors had faded surface paint and the bottom of the doors had rust corrosion.	\$ 5,239
2U06 HSB-1	The electrical panelboard was nearing its end of expected useful life.	\$ 9,250
2U06 GAR-1	The caulk around the perimeter of the base of the building was deteriorated.	\$ 13,642
2U06 GAR-1	Debris or vegetative growth was observed in several sections of the gutter.	\$ 500
2U06 GAR-1	The plumbing fixtures had exceeded expected service life.	\$ 16,181
2U06 GAR-1	The furnace appeared to be beyond typical design life and not functioning as intended.	\$ 3,445
2U06 GAR-1	The main panelboard and several electrical distribution panelboards had exceeded their typical design life. Facility staff reported that the primary cables need replacement.	\$ 235,370
2U06 GAR-1	The perimeter fence had widespread corrosion and isolated areas of damage to the poles, chain link and barbed wire.	\$ 195,019
2U06 GAR-1	The concrete walkways had isolated areas of damage, spalling, or exposed rebar. The damage was typically near building entrances.	\$ 5,072
2U06 GAR-1	The exit signage was aged beyond its typical design life.	\$ 9,043
2U06 GAR-1	There laminate countertop in the men's locker room was worn and delaminating at its base.	\$ 2,737
2U06 SSB-1	The interior electrical panelboard near the facility entrance had signs of corrosion and was at the end of its expected useful life.	\$ 6,782
2U06 SSB-2	The exterior electrical panelboard near the facility entrance had signs of corrosion and was at the end of its expected useful life.	\$ 6,782
TOTAL		\$516,190.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Monroe Welcome Center

Assessor: AECOM

Inspection Date: 6/1/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	3	0	0	3	3	0
WCT	1	3	3	3	3	3	3	0	3	4	0	4	3	3	3

Location/Building Code	Deficiency	Estimated Cost
4U02 CSB-1	The metal panels' exterior surface was faded, had minor impact damage, and tearing at the base of the panel at the overhead door jamb.	\$ 5,573
4U02 CSB-1	The interior electrical panelboard was nearing the end of its expected useful life.	\$ 4,906
4U02 WCT-1	The majority of the plumbing fixtures throughout the building had exceeded expected useful life.	\$ 88,252

4U02 WCT-1	The majority of the HVAC equipment throughout the building had exceeded expected useful life.	\$ 131,449
4U02 WCT-1	The asphalt pavement was excessively cracked throughout, had surface deterioration, and several large depressions from wheel loads in the truck side parking lot.	\$ 1,819,032
4U02 WCT-1	The playground rubber surface was cracked and worn throughout.	\$ 68,121
TOTAL		\$2,117,333.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Dundee Welcome Center

Assessor: AECOM

Inspection Date: 6/2/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	4	3	4	3	3	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
WCT	1	3	3	3	3	3	3	0	3	3	0	4	3	3	0
WCT	2	3	3	3	3	3	3	0	3	4	0	3	3	4	0

Location/Building Code	Deficiency	Estimated Cost
4U01 WCT-1	Evidence of roof leaks was observed near the heating unit inside the main entrance. MDOT facility staff reported a known roof leak in the area.	\$ 4,546
4U01 WCT-1	The plumbing fixtures throughout the building had exceeded expected service life.	\$ 24,237
4U01 WCT-1	MDOT facility staff reported that the radiant heaters did not maintain a comfortable temperature within the interior of the building during cold weather periods.	\$ 3,715

4U01 WCT-1	There was one panelboard that was aged beyond its typical design life.	\$ 4,214
4U01 WCT-1	At the south end of the car-side parking lot, the asphalt was sloped towards the curb and sidewalk. MDOT facility maintenance staff reported reoccurring ponding on the south end of the car-side parking lot.	\$ 15,000
4U01 WCT-1	The chain link fencing had widespread corrosion.	\$ 240,212
4U01 WCT-1	At the car-side parking lot water drains along the sidewalk from the buildings to parking lot, the runoff does not have positive drainage to the storm inlet and MDOT facility staff reported frequent ice build-up along the new sidewalk area.	\$ 15,000
4U01 WCT-1	The concrete driveway from the truck-side parking lot to the building WCT-2 was sloped towards the building. Facility staff reported water intrusion at the exterior doors and damage to the interior floor finish.	\$ 15,000
4U01 WCT-1	MDOT facility staff reported the wastewater lagoons required updates to maintain operability.	\$ 162,500
4U01 WCT-1	MDOT facility staff reported that the sanitary piping was problematic and appeared to be deteriorated and brittle.	\$ 84,411
4U01 WCT-1	There was evidence of minor water damage to the ceiling in the lobby.	\$ 486
4U01 WCT-2	The paint on the roof flashing was peeling.	\$ 500
4U01 WCT-2	The plumbing fixtures in the family restroom, the mop sink, and the hand sink had exceeded expected service life.	\$ 6,037
4U01 WCT-2	MDOT facility staff reported that the radiant heaters did not maintain a comfortable temperature within the interior of the building during cold weather periods.	\$ 13,880
4U01 WCT-2	Several electrical panelboards and equipment were aged beyond their typical design life.	\$ 23,094
4U01 WCT-2	The carpet in the office area was worn from typical wear.	\$ 1,113
TOTAL		\$613,945.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Blackstone Storage

Assessor: AECOM

Inspection Date: 8/1/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	0	4	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
HSB	1	3	4	4	0	3	3	4	3	4	0	4	4	4	4

Location/Building Code	Deficiency	Estimated Cost
9U01 HSB-1	A portion of the walls had recently been tuckpointed and painted; however there were some step cracking at the personnel doors. Signage was removed leaving unpainted areas and there were stains on the CMU walls and paint was deteriorated on areas of the metal panel wall finish.	\$ 29,938
9U01 HSB-1	Facility staff reported the water distribution was shut off at the time of the assessment and plumbing fixtures in the administrative restroom were not in service. The lavatory, water closet, urinal and shower were beyond their typical useful life.	\$ 6,821

9U01 HSB-1	There did not appear to be an exhaust fan system present in either vehicle bays.	\$ 23,430
9U01 HSB-1	Facility staff reported that the two gas unit heaters in the large vehicle bay were not working.	\$ 17,836
9U01 HSB-1	The fire alarm control panel and detection system was removed from the building.	\$ 43,503
9U01 HSB-1	The electrical panel in the large vehicle bay was missing breakers and was potential life safety hazard. There was aged electrical distribution equipment throughout the building.	\$ 26,937
9U01 HSB-1	There were trees growing directly against the exterior wall at the south side of building.	\$ 2,561
9U01 HSB-1	There was significant cracking observed in the asphalt pavement and the site contained overgrown vegetation.	\$ 296,160
9U01 HSB-1	There was significant vegetation growing on the west perimeter fence. The fencing on the east and west perimeter was bent, rusted and beyond its typical useful life. The fencing on the east perimeter was not continuous.	\$ 80,326
9U01 HSB-1	The resilient flooring and carpeting in the administrative area were aged and showed discoloration.	\$ 6,335
9U01 HSB-1	Facility staff reported the water distribution system was shut off at the time of the assessment (reason unknown). There was no hot water heater present in the mechanical room.	\$ 47,453
9U01 HSB-1	The lighting fixtures in the large vehicle storage bay was inadequate.	\$ 47,979
9U01 HSB-1	The building exterior lighting was inadequate and aged beyond its typical design life.	\$ 25,808
9U01 HSB-1	The two insulated overhead doors of the large vehicle bay were aged beyond their useful life.	\$ 27,256
9U01 HSB-1	The large vehicle storage bay's acoustic ceiling system and insulation was stained and deteriorated from water intrusion.	\$ 27,675
TOTAL		\$710,018.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Lansing TSC

Assessor: AECOM

Inspection Date: 8/3/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	0	3	3	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
TSC	1	3	3	4	3	3	3	0	3	3	0	3	4	4	3

Location/Building Code	Deficiency	Estimated Cost
1U03 TSC-1	Electrical panels located in the office area on the second floor and the electrical room had exceeded their expected useful life.	\$ 50,216
1U03 TSC-1	The concrete pavement at the secondary entrance near the break room was cracked and uneven surrounding a building column.	\$ 7,989
1U03 TSC-1	The carpet on the second floor was in various condition as the open office area was recently reconfigured; however, the carpet was inconsistently worn and faded in areas.	\$ 23,490
1U03 TSC-1	The office area lighting had exceeded its expected useful life.	\$ 43,298

1U03 TSC-1	The acoustic ceiling tiles on the second floor were damaged from water intrusion.	\$ 30,787
TOTAL		\$155,780.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Brighton Garage

Assessor: AECOM

Inspection Date: 8/3/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	0	0	3	3	0	0	0	0	0	0	0	0
CSB	2	3	3	0	0	3	3	3	0	0	0	0	3	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	4	3	3	3	3	3	3	4	3	4	3	3	0
HSB	1	3	3	3	4	3	3	3	3	3	0	3	3	3	0
HSB	2	3	3	0	0	3	3	3	3	4	3	3	3	3	0
HSB	3	3	3	3	0	3	3	3	3	3	0	3	3	3	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SSB	1	3	4	3	0	3	3	3	0	3	0	0	3	4	0
WSH	1	2	2	2	0	2	2	2	2	4	0	2	2	2	0

Location/Building Code	Deficiency	Estimated Cost
2U01 HSB-1	There were broken glazed panels above the east overhead door.	\$ 21,900
2U01 HSB-2	There was cracking and deteriorated concrete throughout the bay.	\$ 8,800
2U01 HSB-2	The vehicle exhaust fan and ductwork was not in working order at the time of assessment.	\$ 21,400
2U01 HSB-2	There was corrosion observed on the electrical distribution panel.	\$ 6,800
2U01 GAR-1	There was significant cracking and deterioration observed on the exterior stucco.	\$ 10,833
2U01 GAR-1	Existing gas-fired H&V in the building A garage is deficient and exceeded it's useful life.	\$ 37,408
2U01 GAR-1	Parts office adjacent to garage and wash bay has no HVAC. Office occupants leave the doors open to get fresh air. Condition of space was an expressed concern of facility maintenance staff.	\$ 32,381
2U01 GAR-1	The hydronic boiler system relief valves were spilling glycol down the distribution piping, valving, and controls. Current system condition was observed to be prone to leaks, which may lead to additional system failures.	\$ 2,000
2U01 GAR-1	Major cracking observed in sidewalk and curb, including potential tripping hazards.	\$ 1,000
2U01 GAR-1	Alligator cracking and ponding observed in parking lot at main garage site.	\$ 758,986
2U01 GAR-1	Deficiencies observed at the time of assessment included severe rusting to metal on threshold and frame of one personnel door.	\$ 4,853
2U01 GAR-1	Sitting water in main garage area drain pit.	\$ 215,367
2U01 SSB-1	The paint was faded on the wood siding. Minor cracking and discoloration were observed on the concrete portion of the exterior walls, most noticeably under the exhaust fan at the east elevation.	\$ 38,975
2U01 SSB-1	Electrical power services and panelboards outside the building were showing signs of wear and corrosion and had exceeded expected useful life.	\$ 19,692
2U01 SSB-1	The lighting in this facility was observed to be inadequate, as there were only three fixtures to light the interior of the facility.	\$ 8,600
2U01 WSH-1	The gas-fired unit heaters in the wash bay was showing signs of corrosion from being in a high moisture environment. Corrosion of unit housing, heat exchanger, motors, and other components lead to failure.	\$ 7,300
2U01 WSH-1	The exhaust fan was insufficiently sized to move the amount of air necessary to properly ventilate the space. This is contributing to the high-	\$ 4,880

	moisture environment that is degrading the condition of other equipment and building elements in the space.	
TOTAL		\$1,201,175.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Charlotte Garage

Assessor: AECOM

Inspection Date: 8/4/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
4	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	3	3	0	0	3	0	0
FSB	1	2	2	0	0	2	2	0	2	0	0	0	2	0	0
GAR	1	3	3	3	3	3	4	3	3	4	0	4	4	3	0
HSB	1	3	3	3	3	3	3	3	3	3	0	0	4	4	0
SSB	1	3	4	3	0	3	3	3	0	3	0	0	4	3	0

Location/Building Code	Deficiency	Estimated Cost
2U04 HSB-1	The wall-mounted axial exhaust fan had exceeded its expected useful life and the damper blades were corroded.	\$ 2,357
2U04 HSB-1	Facility staff reported that the two unit heaters were not adequate for the heating season.	\$ 4,517

2U04 HSB-1	The electrical service panel was nearing end of its typical useful life. Facility staff reported the need for a 250V service for welding equipment at this building.	\$ 7,138
2U04 HSB-1	Facility staff reported the lighting to be inadequate for the task performed in the building. Additionally, the interior lighting had exceeded its expected useful life.	\$ 19,982
2U04 HSB-1	Facility staff reported that the single security camera was inadequate to provide proper coverage of the building.	\$ 3,500
2U04 GAR-1	Facility staff reported known roof leaks and water intrusion. No roof access was available at the time of assessment therefore a representative photo of the exposed roof deck from inside the building has been provided for reference.	\$ 160,410
2U04 GAR-1	Pipe leaks were observed under the two sinks in the men's restroom and the restroom fixtures had exceeded their expected useful life.	\$ 14,313
2U04 GAR-1	Inadequate radiant tube heaters in the Main Garage.	\$ 5,000
2U04 GAR-1	The office's HVAC system cannot maintain a set temperature during the heating and cooling season. Hot and cold spots were observed during the site assessment in different parts of the office area.	\$ 2,000
2U04 GAR-1	The fresh air intake louver and the exhaust fan in the garage area are non-operational.	\$ 4,897
2U04 GAR-1	Several of the electrical panelboards present in the main garage were corroded on the exterior, and all of the panelboards serving the facility had exceeded their expected useful life.	\$ 4,923
2U04 GAR-1	Cracks observed in parking lot asphalt.	\$ 66,200
2U04 GAR-1	The fluorescent light fixtures were reported to be inadequate and had exceeded their expected useful life.	\$ 46,261
2U04 SSB-1	The painted surface of the plywood siding was weathered.	\$ 18,126
2U04 SSB-1	The exterior electrical panelboard near the facility entrance had signs of corrosion.	\$ 6,782
2U04 SSB-1	There were several interior CFL lighting fixtures not functional at the time of the assessment.	\$ 19,186
TOTAL		\$385,592.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Grand Ledge Garage

Assessor: AECOM

Inspection Date: 11/14/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	4	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	4	3	0	3	4	0	0	0	0	0	3	3	0
CSB	2	3	3	3	0	3	3	3	3	3	0	0	3	3	0
CSB	3	3	3	3	3	3	3	3	3	3	0	0	3	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	4	4	3	3	3	3	3	4	0	4	4	4	0
HSB	1	3	3	4	0	3	3	3	3	4	0	0	3	3	0
SSB	1	3	4	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
2U02 CSB-2	The electrical panel showed signs of corrosion and had exceeded its expected useful life.	\$ 6,782

2U02 CSB-2	Illuminated exit signs or emergency lighting were not observed inside the building during the site assessment.	\$ 2,987
2U02 CSB-1	Cracks and holes were observed in the wooden structure.	\$ 2,500
2U02 CSB-1	The exterior timber board walls were deteriorated and the painted surface was weathered.	\$ 13,884
2U02 CSB-1	Significant roof leaks and areas of damage to roof deck were observed during the site assessment.	\$ 53,591
2U02 CSB-1	Significant damage and cracks were observed during the site assessment. The interior paint had deteriorated.	\$ 9,256
2U02 HSB-1	The spray insulation was deteriorated. The insulation was peeling off of the walls in some areas.	\$ 16,308
2U02 HSB-1	The axial exhaust fan was observed to be non-operational and had exceeded its expected useful life.	\$ 2,750
2U02 HSB-1	The unit heaters have exceeded their expected useful life.	\$ 17,836
2U02 HSB-1	The interior electrical panel had exceeded its expected useful life.	\$ 6,782
2U02 HSB-1	The wall-mounted exterior lighting fixtures had exceeded their expected useful life.	\$ 8,845
2U02 GAR-1	Chipping paint and corrosion marks were observed along the building perimeter.	\$ 15,712
2U02 GAR-1	Stairstep cracks and horizontal cracks were observed along the exterior CMU wall of the building.	\$ 13,660
2U02 GAR-1	A horizontal crack line in the porcelain wall tile base was observed in the restroom.	\$ 2,033
2U02 GAR-1	The plumbing fixtures in the men's and women's restrooms had exceeded their expected useful life.	\$ 10,597
2U02 GAR-1	The DX unit located in the office space has exceeded its useful life.	\$ 1,200
2U02 GAR-1	One of the furnaces and cooling units serving the office space had exceeded its expected useful life and was non-operational.	\$ 14,538
2U02 GAR-1	The electrical panel was in close proximity to the mop sink which caused accelerated corrosion.	\$ 6,782

2U02 GAR-1	Several of the electrical panels and breakers in the main garage had exceeded their expected useful life.	\$ 20,203
2U02 GAR-1	The perimeter fence was tangled and corroded in some sections.	\$ 50,659
2U02 GAR-1	Cracks and chipping paint were observed in various parts of the main garage. Floor openings were not flush with the covers, which created a tripping hazard.	\$ 3,856
2U02 GAR-1	The interior VCT flooring in the side office was stained, deteriorated, and had exceeded its expected useful life.	\$ 5,165
2U02 GAR-1	The water heater located in the mechanical room serving the office space has exceeded its expected useful life.	\$ 18,114
2U02 GAR-1	The lighting in the office area had exceeded its expected useful life.	\$ 19,135
2U02 GAR-1	The exterior light fixtures had signs of corrosion and exceeded their expected useful life.	\$ 17,689
2U02 GAR-1	Several exit signs mounted on the exit doors were not illuminated causing a potential life-safety issue.	\$ 7,691
2U02 SSB-1	Rust stains from ferrous material in the concrete walls were observed throughout.	\$ 24,687
2U02 SSB-1	The electrical panel located on the exterior of the building has exceeded its useful life.	\$ 6,782
TOTAL		\$380,024.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Williamston Garage

Assessor: AECOM

Inspection Date: 11/14/22

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	4	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	3	0	3	3	3	0	3	0	0	4	3	0
CSB	2	3	4	3	3	3	3	3	3	3	0	0	4	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	4	3	4	3	3	3	3	4	0	4	3	3	4
HSB	1	3	3	3	0	3	3	3	3	3	0	3	3	3	0
SSB	1	3	3	3	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
2U03 CSB-2	The exterior painted surfaces were deteriorated and stained and the expansion joint sealant was deteriorated.	\$ 27,410
2U03 CSB-2	The lack of gutters and downspouts was causing splash staining on the exterior walls.	\$ 6,315
2U03 CSB-2	The interior lighting had exceeded its expected useful life.	\$ 28,303
2U03 CSB-1	The exterior electrical distribution panel was corroded and beyond typical useful life.	\$ 5,956
2U03 CSB-1	The interior lighting was inadequate and beyond its typical useful life.	\$ 14,152
2U03 GAR-1	The paint on the metal panels at the south elevation (main entrance) was peeling. There was minor cracking and deteriorated paint on the wash bay CMU walls.	\$ 26,132
2U03 GAR-1	The EIFS walls had cracks and buckling.	\$ 6,616
2U03 GAR-1	The plumbing fixtures showed signs of wear consistent with the age of the facility. The shower was out of operation at the time of the assessment. Facility staff reported that the restrooms, locker areas and break rooms were undersized for the number of staff members working at the garage.	\$ 15,000
2U03 GAR-1	The gas fired unit heater serving the wash bay was corroded from operating in a high-moisture environment, which leads to shorter life expectancy and equipment failure.	\$ 8,918
2U03 GAR-1	The exhaust system serving the wash bay was corroded from operating in a high-moisture environment, which leads to shorter life expectancy and equipment failure.	\$ 8,250
2U03 GAR-1	The fire alarm control panel (FACP) did not appear functional. A pull station in the mechanics bay was broken and was a life-safety issue.	\$ 25,585
2U03 GAR-1	Facility staff reported that the employee parking lot needs lighting. Employees must walk across unlighted areas of the lot to access the garage, causing risk of injury by vehicles entering the facility.	\$ 18,371
2U03 GAR-1	One window in the high bay area had a cracked pane. Facility staff reported that the windows in the garage's high bay area were beyond their typical useful life.	\$ 20,903
2U03 GAR-1	Sanitary drain in mechanical room received drainage from the washing machine, furnace condensate, and utility sink in adjacent room that was piped through the wall. The drain was undersized for the number of fixtures	\$ 7,500

	draining to it and draining a sink from one room to another to with an indirect drain is not consistent with good plumbing practice. The result was flooding of the space.	
2U03 SSB-1	The exterior electrical panelboard near the facility entrance had signs of corrosion.	\$ 6,782
TOTAL		\$226,193.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: Mason Garage

Assessor: AECOM

Inspection Date: 7/19/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	0	0

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
CSB	1	3	3	4	0	3	3	3	3	3	0	0	3	3	0
CSB	2	3	3	0	3	3	3	3	3	3	0	0	3	3	0
FSB	1	3	3	0	0	3	3	0	3	0	0	0	3	0	0
GAR	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
HSB	1	3	4	3	0	3	3	3	3	3	0	0	3	3	0
SSB	1	3	3	0	0	3	3	3	0	3	0	0	3	3	0

Location/Building Code	Deficiency	Estimated Cost
2U05 FSB-1	There was evidence of water intrusion on the interior side of the roof concrete slab.	\$ 500
TOTAL		\$500.00

2022/2023 FACILITY ASSESSMENT

MDOT Site: University Region Office

Assessor: AECOM

Inspection Date: 7/19/23

Site Assessment Ratings						
Paving	Drainage	Sidewalks	Fencing	Security	Lighting	Irrigation
3	3	3	3	3	0	3

Building Assessment Ratings															
Building Code	Structure ID	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead Doors	Service Doors	HVAC	Engine Exhaust	Plumbing	Electrical	Lighting	Fire Protection
REG	1	3	3	3	3	3	3	0	3	0	0	0	0	0	0
SHB	1	3	3	0	0	3	3	0	3	0	0	0	0	0	0
SHB	2	3	3	0	0	3	3	0	3	0	0	0	0	0	0

Location/Building Code	Deficiency	Estimated Cost
1U01 REG-1	The expansion joints on the CMU had failed and were in need of repair.	\$ 4,575
1U01 SHB-2	Storage building is in poor condition. Leaking roof has caused damage in interior and siding.	\$ 6,500
TOTAL		\$11,075.00