



FY 2015
5-Year Plan for the
Airport Safety,
Protection, and
Improvement Program
& MDOT's Buildings
and Facilities Program

Airport Improvement Program

The Fiscal Year 2015 Airport Improvement Program (AIP) 5 – Year plan includes project estimates provided by each individual Michigan airport and exceeds the annual Federal Aviation Administration (FAA) federal revenues available. The actual annual AIP appropriation will need adjustments to reflect the FAA’s decision on what discretionary projects will be chosen and how much federal revenue will be awarded to Michigan for these various airport projects.

OFFICE OF AERONAUTICS
AIRPORTS CAPITAL IMPROVEMENTS 5-YEAR PLAN

11/1/2013

AIRPORT	2015	2016	2017	2018	2019	TOTAL
NON PRIMARY AIRPORTS						
ADRIAN						
CO funding year	0					
Rehabilitate Taxiway -north & west hangar area; Airfield Crack						
Sealing & Paint Marking		390,000				
Rehabilitate Parking Lot - terminal			120,000			
Rehabilitate Taxiway - B				620,000		
Rehabilitate Taxiway - east hangar area					166,667	
TOTAL						\$1,296,667
ALLEGAN						
Construct terminal building - design & construction	195,000					
Install AWOS - A/V model		132,300				
Airfield crack sealing & paint marking			15,000			
Construct Building - T-Hangar - design				40,000		
Construct Building - T-Hangar - construction					460,000	
TOTAL						\$842,300
ALMA						
CO funding year	0					
Construct Building - 6-unit hangar - design		42,500				
Construct Building - 6-unit hangar - construction			385,000			
Rehabilitate Taxiway (hangar area) - design				35,000		
Rehabilitate Taxiway (hangar area) - construction					315,000	
TOTAL						\$777,500
ANN ARBOR						
Extend Runway 6/24 incl. parallel taxiway (to 4300')	1,920,000					
Expand terminal parking lot & relocate airport entrance drive phase 1		242,000				
Acquire Snow Removal Equipment			166,667			
Improve/Expand terminal building - phase 1				166,667		
Improve/Expand terminal building - phase 2					166,667	
TOTAL						\$2,662,001

AIRPORT		2015	2016	2017	2018	2019	TOTAL
ATLANTA							
	Construct Taxiway - design	26,000					
	Construct Taxiway		293,000				
	Construct Apron - design			20,000			
	Construct Apron				165,000		
	Rehabilitate Runway 5/23 - design					70,000	
	TOTAL						\$574,000
BAD AXE							
	Land acquisition for Runway 17 RPZ control	166,000					
	Construct taxiway A3 connector		182,000				
	Install perimeter fencing			158,000			
	Construct access road (for terminal area) incl. parking lot				145,000		
	Construct apron - design					100,000	
	TOTAL						\$751,000
BARAGA (S/L)							
	Preliminary Engineering & EA for new runway alignment	200,000					
	Land acquisition for new runway alignment phase 1		0				
				0			
					0		
	TOTAL						\$200,000
BATTLE CREEK							
	Rehabilitate Runway 5L/23R - design	300,000					
	Rehabilitate Runway 5L/23R		4,700,000				
	Rehab Taxiway C (Rwy 13/31 to A) & E (5L/23R to C)			1,600,000			
	Rehab Taxiway C (Rwy 5L to D) & connectors; Expand run-up pad for 5L - design				90,000		
	Rehab Taxiway C (Rwy 5L to D) & connectors; Expand run-up pad for 5L					1,300,000	
	TOTAL						\$7,990,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
BAY CITY						
Rehabilitate Taxiway - A, B & C north - design; Airfield Crack Sealing & Paint Marking	103,000					
Rehabilitate Taxiway - A, B & C north - construction		975,000				
Install fencing - design			25,000			
Install fencing - construction				258,000		
CO funding year					0	
TOTAL						\$1,361,000
BEAVER ISLAND						
CO funding year	0					
Construct Access Road including parking lot - paving; Expand Apron		240,000				
Acquire SRE			166,667			
Improve Fuel Farm; Airfield Crack Sealing & Paint Marking				160,000		
CO funding year					0	
TOTAL						\$566,667
BELLAIRE						
CO funding year	0					
CO funding year		0				
User Survey Consultant Coordination; Rehabilitate Runway 2/20 - design			70,000			
Rehabilitate Runway 2/20				660,000		
CO funding year					0	
TOTAL						\$730,000
BENTON HARBOR						
Improve Runway 14/32 safety area phase 2	254,000					
Improve Runway 14/32 safety area phase 3		1,500,000				
CO funding year			0			
Construct Taxiway - design				60,000		
Construct Taxiway					960,000	
TOTAL						\$2,774,000

AIRPORT		2015	2016	2017	2018	2019	TOTAL
CHARLOTTE							
	Construct building - 10 unit T-Hangar reimbursement #2	166,667					
	Construct building - 10 unit T-Hangar reimbursement #3		166,667				
	ALP update			100,000			
	Rehabilitate Parking Lot incl. entrance road - design				20,000		
	Rehabilitate Parking Lot incl. entrance road - construction					271,300	
	TOTAL						\$724,634
CHEBOYGAN							
	Construct SRE building - design; Airfield Crack Sealing & Paint Marking	70,000					
	Construct SRE building - construction; Rehab & Expand Terminal Building - terminal study		320,000				
	Rehabilitate & expand terminal building -design			30,000			
	Rehabilitate & expand terminal building -construction				330,000		
	Airfield Crack Sealing & Paint Marking					35,000	
	TOTAL						\$785,000
CLARE							
	Construct taxiway (parallel to rwy 4/22) Part B design; Construct taxiway - wetland mitigation	237,000					
	Construct taxiway (parallel to rwy 4/22) Part B incl. Hold Bay		880,000				
	Install AWOS			166,667			
	Install taxiway lighting incl. rehabilitate airfield lighting - design				40,000		
	Install taxiway lighting incl. rehabilitate airfield lighting					290,000	
	TOTAL						\$1,613,667
COLDWATER							
	CO funding year	0					
	Rehabilitate Runway 4/22 (3500' x 75') - design; Airfield Crack Sealing & Paint Marking		100,000				
	Rehabilitate Runway 4/22 (3500' x 75')			800,000			
	Rehabilitate Taxiway including Apron & hangar area taxilanes - design				100,000		
	Rehabilitate Taxiway including Apron & hangar area taxilanes - construction					950,000	
	TOTAL						\$1,950,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
FRANKFORT						
Acquire land for runway 15/33 approaches	570,135					
Remove obstructions - runway 15/33 phase 1		166,667				
Remove obstructions - runway 15/33 phase 2			166,667			
Airfield crack sealing & paint marking; Install emergency generator				105,000		
Construct SRE building					183,800	
TOTAL						\$1,192,269
FREMONT						
CO funding year	0					
Rehabilitate Runway 18/36 - design		100,000				
Rehabilitate Runway 18/36 - construction; Airfield Crack Sealing & Paint Marking			1,520,000			
CO funding year				0		
CO funding year					0	
TOTAL						\$1,620,000
GAYLORD						
Land acquisition and obstruction removal - Rwy 9 approach	152,000					
Construct taxiway (new hangar area) incl. rehabilitate existing taxiway		347,000				
Construct box hangar phase 1			166,667			
Construct box hangar phase 2				166,667		
Acquire Snow Removal Equipment					166,667	
TOTAL						\$999,001
GLADWIN						
Construct Building - 10-unit T-Hangar	460,000					
Airfield crack sealing & paint marking		25,000				
Extend Runway 9/27 - EA & PE			75,000			
Extend Runway 9/27 - design				75,000		
Extend Runway 9/27 - construction					800,000	
TOTAL						\$1,435,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
GROSSE ILE						
Rehabilitate Runway 17/35 CO funding year	3,700,000	0				
Rehabilitate Taxiway Lighting incl. drainage improvements & shoulders			950,000			
Rehabilitate Taxiway - design				166,667		
Rehabilitate Taxiway					1,900,000	
TOTAL						\$6,716,667
HARBOR SPRINGS						
Construct SRE building - design	0	35,000				
Construct SRE building			230,000	0		
					0	
TOTAL						\$265,000
HART-SHELBY						
Construct 6-unit t-hangar	250,000					
Acquire existing hangar; Airfield Crack Sealing & Paint Marking		210,000				
Parallel taxiway extension phase 2 - design			35,000			
Parallel taxiway extension phase 2				650,000		
Rehabilitate Apron (hangar area)					65,000	
TOTAL						\$1,210,000
HASTINGS						
Extend taxiway E phase 1	166,667					
Extend taxiway E phase 2; Airfield crack sealing & paint marking		166,667				
Extend taxiway E phase 3			166,667			
Extend taxiway E phase 4				277,999		
Airfield crack sealing & paint marking					18,000	
TOTAL						\$796,000
HILLSDALE						
Acquire SRE; Construct Taxiway - parallel phase 2 - design	240,000					
Construct Taxiway - parallel phase 2 - construction		650,000				
CO funding year			0			
Construct Apron (for new terminal area)				560,000		
Construct Terminal Building - design					75,000	
TOTAL						\$1,525,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
IRONWOOD						
Rehabilitate Apron - terminal - design						
Rehabilitate Apron - terminal - construction						
Rehabilitate Runway 9/27 (6501' x 100') - design; Install Runway Lighting 9/27 incl. paved shoulders - design			275,000			
Rehabilitate Runway 9/27 (6501' x 100') - construction; Install Runway Lighting 9/27 incl. paved shoulders - construction						
CO funding year					0	
TOTAL						\$275,000
JACKSON						
Construct Runway 7/25 - approach survey, FAA Reimbursable Agreement & wetland mitigation	1,495,000					
Construct Runway 7/25 incl parallel twy - phase 1; Remove SRE building		5,785,000				
CO funding year			0			
Construct Runway 7/25 phase 2 & 3 incl ILS relocation				14,000,000		
CO funding year					0	
TOTAL						\$21,280,000
LAKEVIEW						
Rehabilitate terminal apron - design	28,000					
Rehabilitate terminal apron - construction		182,000				
Construct Building - 6-unit T-Hangar			248,500			
Extend Runway - 9/27 (to 4200') - PE & EA				70,000		
Extend Runway - 9/27 (to 4200') - land acquisition & design phases					95,000	
TOTAL						\$623,500
LAPEER						
User Survey Consultant Coordination	20,000					
Construct runway 9/27 - EA & PE		300,000				
Construct runway 9/27 - land acquisition			500,000			
Construct runway 9/27 - wetland mitigation				800,000		
Construct runway 9/27 (4000' x 75') - design					350,000	
TOTAL						\$1,970,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
LUDINGTON						
Airfield Crack Sealing & Paint Marking; Construct Building - Hangar reimbursement #2	104,374					
Install Apron Lighting		75,000				
Acquire SRE - blower attachment; Rehabilitate Access Road including Parking Lot			197,760			
CO funding year				0		
Rehabilitate Runway 8/26 - design					75,000	
TOTAL						\$452,134
MACKINAC ISLAND						
Improve terminal building (phase 4); Expand SRE building	263,000					
CO funding year		0				
Install windcone and apron lighting LED			150,000			
Airfield Crack Sealing & Paint Marking				100,000		
Install apron tie-downs					100,000	
TOTAL						\$613,000
MANISTIQUE						
Install Fencing - construction	366,000					
Improve Fuel Farm; Acquire Land for approaches or RPZ		159,500				
Airfield Crack Sealing & Paint Marking			10,000			
Extend Runway 10/28 - EA & PE				100,000		
Extend Runway 10/28 - Design					75,000	
TOTAL						\$710,500
MARLETTE						
Rehabilitate Runway 1/19 - construction; Rehabilitate Runway Lighting 1/19 - construction	1,314,000					
Acquire Land for approaches or RPZ - Rwy 9/27 RPZ		100,000				
Rehabilitate Runway 9/27 - design; Rehabilitate Runway Lighting 9/27 - design			115,000			
Rehabilitate Runway 9/27 - construction; Rehabilitate Runway Lighting 9/27 - construction				1,427,000		
CO funding year					0	
TOTAL						\$2,956,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
MIO						
Airfield crack sealing & paint marking	15,000					
Construct Building - 10-unit t-hangar - design		31,000				
Construct Building - 10-unit t-hangar - construction			473,000			
Airfield crack sealing & paint marking				15,000		
CO funding year					0	
TOTAL						\$534,000
MONROE						
Rehabilitate taxiways (hangar taxilanes) - phase 1	166,667					
Rehabilitate taxiways (hangar taxilanes) - phase 2		148,333				
Rehabilitate taxiways (hangar taxilanes) - phase 3			93,000			
Replace AWOS (components)				65,000		
Improve entrance road					180,000	
TOTAL						\$653,000
MOUNT PLEASANT						
Rehabilitate Taxiway (SW hangar area) - design	35,000					
Rehabilitate Taxiway (SW hangar area) - construction		500,000				
Extend Taxiway - design			30,000			
Extend Taxiway - construction				400,000		
Rehabilitate Taxiway - A - design					75,000	
TOTAL						\$1,040,000
NEW HUDSON						
Remove obstructions (powerline relocation for east approach); Wetland Mitigation; Rehabilitate Runway 8/26 - design	690,000					
Rehabilitate Runway 8/26 (3128' x 60') including partial parallel taxiway (east), electrical & ditch relocation for west RSA		2,080,000				
Install fencing including gate			166,667			
Acquire SRE				50,000		
Rehabilitate taxilanes & apron (hangar area) - design					60,000	
TOTAL						\$3,046,667

AIRPORT	2015	2016	2017	2018	2019	TOTAL
NEWBERRY						
Construct runway 18/36 - EA & PE	100,000					
Construct runway 18/36 - Land acquisition		360,004				
Construct Runway 18/36 (3200' x 100' turf phase) - design			80,000			
Construct Runway 18/36 (3200' x 100' turf phase)				350,000		
CO year for Runway 18/36 paved phase					0	
TOTAL						\$890,004
NILES						
Airfield crack sealing & paint marking	50,000					
Rehabilitate Runway 15/33 - design; Rehabilitate Apron - design		90,000				
Rehabilitate Runway 15/33 - construction; Rehabilitate Apron - construction			1,350,000			
CO funding year				0		
Rehabilitation Parking Lot - Terminal - design					15,000	
TOTAL						\$1,505,000
ONTONAGON						
Construct hangar	312,000					
Construct box hangar phase 1		166,667				
Construct box hangar phase 2			166,667			
Construct box hangar phase 3				228,333		
Airfield crack sealing & paint marking					30,000	
TOTAL						\$903,667
OSCODA-WURTSMITH						
Rehabilitate Runway 6/24 - PE	90,000					
Rehabilitate Runway 6/24 - design; FAA Reimbursable Agreement for Rwy 24 MALSR (relocation)		515,000				
Rehabilitate Runway 6/24			6,500,000			
CO funding year				0		
Rehabilitate Iosco Apron - phase 3					2,500,000	
TOTAL						\$9,605,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
OWOSSO						
Update ALP	135,000					
Acquire SRE; Airfield crack sealing & paint marking		165,000				
Install perimeter fencing - design			40,000			
Install perimeter fencing				306,018		
Rehabilitate airfield pavements					166,667	
TOTAL						\$812,685
PLYMOUTH						
CO funding year	0					
Construct terminal building; Airfield Crack Sealing & Paint Marking		520,000				
CO funding year			0			
CO funding year				0		
Construct Building - Hangar					450,000	
TOTAL						\$970,000
PONTIAC						
Rehabilitate Taxiway C & connectors; Rehabilitate terminal apron - phase 2; Remove Obstructions - Rwy 9R	3,330,000					
Rehabilitate Taxiway Lighting - C west		390,000				
Acquire SRE; Acquire ARFF response vehicle			570,000			
Remove Obstructions - Rwy 9R				200,000		
Install Instrument Approach Aid - MALSR Rwy 27L					750,000	
TOTAL						\$5,240,000
PORT HURON						
Rehabilitate Taxiway (J, K & portion P) - design	40,000					
Rehabilitate Taxiway (J, K & portion P)		600,000				
User Survey Consultant Coordation			20,000			
Rehabilitate Runway 4/22 lighting				740,000		
Rehabilitate Taxiway Lighting - B & C design					100,000	
TOTAL						\$1,500,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
RAY	0	0	0	0	0	0
TOTAL						\$0
ROGERS CITY						
Construct terminal building including parking lot - design; Acquire Misc Land; Install fencing (terminal area) - design	130,000					
Construct terminal building including parking lot - construction; Install fencing (terminal area) - construction		342,500				
Extend taxiway (parallel phase II) - design			40,000			
Extend taxiway (parallel phase II) - construction				373,000		
Rehabilitate Runway 9/27 - design					35,000	
TOTAL						\$920,500
ROMEO						
Construct Building - Hangar including site prep	477,895					
Rehabilitate Runway - Crack sealing & Paint marking		20,000				
Improve Airport - remove old runway 15/33			170,000			
CO funding year				0		
Acquire Land for approaches/RPZ - north end					830,000	
TOTAL						\$1,497,895
SAGINAW						
- HARRY W. BROWNE						
Acquire Land for Runway 5/23 RPZs	300,000					
Rehabilitate runway 9/27 incl lighting, parking lot & entrance road - phase 1		166,667				
Rehabilitate runway 9/27 incl lighting, parking lot & entrance road - phase 2			166,667			
Rehabilitate runway 9/27 incl lighting, parking lot & entrance road - phase 3				3,076,666		
Rehabilitate taxiways A, C, D, & E east - design					90,000	
TOTAL						\$3,800,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
SPARTA						
Install perimeter fencing - phase 2 - construction	281,000					
Acquire Land rwy 25 RPZ (land use control)		75,000				
Construct Terminal Building - terminal study			20,000			
Construct Terminal Building - design				75,000		
Construct Terminal Building - construction					550,000	
TOTAL						\$1,001,000
STATEWIDE						
ARFF Training, crack sealing, paint marking, runway turf markers, wind socks, AWOS upgrades	100,000					
ARFF Training, crack sealing, paint marking, runway turf markers, wind socks, AWOS upgrades		100,000				
ARFF Training, crack sealing, paint marking, runway turf markers, wind socks, AWOS upgrades			100,000			
ARFF Training, crack sealing, paint marking, runway turf markers, wind socks, AWOS upgrades				100,000		
ARFF Training, crack sealing, paint marking, runway turf markers, wind socks, AWOS upgrades					120,000	
TOTAL						\$520,000
STATEWIDE						
Misc. State/Local projects for airports in MASP	400,000					
Misc. State/Local projects for airports in MASP		400,000				
Misc. State/Local projects for airports in MASP			500,000			
Misc. State/Local projects for airports in MASP				500,000		
Misc. State/Local projects for airports in MASP					500,000	
TOTAL						\$2,300,000
STURGIS						
Rehabilitate runway 6/24 & taxiway C (35' width)	1,100,000					
Install fencing (along N. Centerville Road)		157,895				
Replace AWOS (components)			55,000			
Construct taxiway (parallel to runway 36) phase 1				157,895		
Construct taxiway (parallel to runway 36) phase 2					157,895	
TOTAL						\$1,628,685

AIRPORT	2015	2016	2017	2018	2019	TOTAL
THREE RIVERS						
Construct terminal building - terminal study & design phases;						
Rehabilitate access roads & parking lot - design	75,000					
Rehabilitate access roads & parking lot; Construct terminal building		464,584				
CO funding year			0			
Rehabilitate runway 9/27 including signs - design				103,000		
Rehabilitate runway 9/27 including signs					1,148,000	
TOTAL						\$1,790,584
TROY						
Rehabilitate terminal apron; Rehabilitate terminal building	341,000					
Install Fencing - design; Remediate existing detention basin - PE		100,000				
Install Fencing; Remediate existing detention basin			1,000,000			
Rehabilitate Taxiway (hangar area); Rehabilitate Taxiway lighting				568,000		
Rehabilitate Runway lighting					250,000	
TOTAL						\$2,259,000
WEST BRANCH						
Install AWOS includes clearing	207,000					
Wildlife Habitat Removal - design; Crack Sealing		50,000				
Wildlife Habitat Removal			291,000			
Acquire SRE				184,000		
Rehabilitate Runway - design					80,000	
TOTAL						\$812,000
WHITE CLOUD						
Construct Terminal Building - construction	\$617,000					
Airfield Crack Sealing & Paint Marking		10,000				
Construct Taxiway - Hangar access incl. entrance road & terminal parking lot - design			24,100			
Construct Taxiway - Hangar access incl. entrance road & terminal parking lot - construction				305,900		
CO funding year					0	
TOTAL						\$957,000
NON-PRIMARY AIRPORT TOTALS:	28,198,595	33,414,285	29,761,698	36,102,146	23,963,331	\$151,440,055

AIRPORT		2015	2016	2017	2018	2019	TOTAL
PRIMARY AIRPORTS							
ALPENA	Airport Improvements	1,050,000					
	Airport Improvements		1,050,000				
	Airport Improvements			1,050,000			
	Airport Improvements				1,050,000		
	Airport Improvements					1,050,000	
	TOTAL						\$5,250,000
CHARLEVOIX	Airport Improvements	1,050,000					
	Airport Improvements		1,050,000				
	Airport Improvements			1,050,000			
	Airport Improvements				1,050,000		
	Airport Improvements					1,050,000	
	TOTAL						\$5,250,000
DETROIT WILLOW	Remove Rwy 14/32	2,000,000					
	Rwy 5R Touchdown Lights	500,000					
	Develop Airfield Sign Replacement Program	50,000					
	Develop New Parallel Twy for Rwy 5R/23L ph 1		7,900,000				
	Airport Layout Plan update		350,000				
	Develop New Parallel Twy for Rwy 5R/23L ph 2			7,000,000			
	Shorten and Rehabilitate Rwy 5L/23R			6,000,000			
	Residential Sound Insulation Program ph 1			6,000,000			
	Develop New Parallel Twy for Rwy 5R/23L ph 3				5,000,000		
	Rwy 9/27 Reconstruction ph 1				10,600,000		
	Remove Rwy 9/27 Displaced Threshold & Obstruction				2,000,000		
	Residential Sound Insulation Program ph 2				6,000,000		
	Rwy 9/27 Reconstruction ph 2					10,600,000	
	Residential Sound Insulation Program ph 3					6,000,000	
	TOTAL						\$70,000,000
DETROIT METRO	Twy W reconstruction	27,800,000					
	Displacement of rwy 4R Threshold	13,500,000					
	Airfield Service Road West of Twy M Improvements	2,100,000					
	Eastern Taxiways Reconstruction	28,400,000					
	Rwy 3L/21R extension environmental processing		2,667,000				
	Airfield Lighting Vault#1 Replacement		3,100,000				
	Demolition of Smith and Berry Terminals		7,520,000				
	S. Portion of Rwy 3L/21R & Twys M & F Reconstruct.			54,000,000			
	W. Portion of Twy H Reconstruction			1,500,000			
	N. Portion of Twy G Reconstruction			3,400,000			
	N. portion of Rwy 3L/21R & Twys Reconstruction				53,700,000		
	Rwy 3L/21R extension & land acquisition ph1				25,000,000		
	Rwy & Twy Surface Monitor System Improvements				1,000,000		
	S. Portion of of Twy Z Reconstruction					14,000,000	
	Twy K Reconstruction					11,900,000	
	Portions of Rwy 9R/27L Shoulder Reconstruction					3,500,000	
	Rwy 3L/21R extension & land acquisition ph2					21,743,000	
	TOTAL						\$189,743,000

AIRPORT		2015	2016	2017	2018	2019	TOTAL
ESCANABA	Airport Improvements	1,050,000					
	Airport Improvements		1,050,000				
	Airport Improvements			1,050,000			
	Airport Improvements				1,050,000		
	Airport Improvements					1,050,000	
TOTAL							\$5,250,000
FLINT	Rwy 18/36 Rehabilitation	3,100,000					
	Obstruction removal / avigation easements	300,000					
	Perimeter Road Environmental & Preliminary Engr.	300,000					
	Corporate Area Develop't Environmental & Pre. Engr.	300,000					
	Land Acquisition	1,000,000					
	Aircraft Rescue and FireFighting Vehicle	1,000,000					
	Terminal Apron Rehabilitation			1,750,000			
	Perimeter Road Final Design			300,000			
	Corporate Area Development, Apron & Twy			2,500,000			
	Security Fencing Improvements			1,500,000			
	Perimeter Road Construction ph1				3,000,000		
	Land Acquisition				1,000,000		
	Corporate Area Development, Twy				1,500,000		
	Intermodal Terminal ph 2, Environmental & Pre. Engr.				400,000		
	Rwy 9/27 Rehabilitation					2,000,000	
	Intermodal Terminal ph 2, Aprons & Twys					10,000,000	
	Snow Removal Equipment					400,000	
	Twy C Rehabilitation						1,500,000
	Master Plan Update						650,000
	TOTAL						
GRAND RAPIDS	Stormwater/deicing system improvements	9,350,000					
	Airfield lighting improvements	456,270					
	DHS/Terminal Improvements (ph1)	10,650,000					
	Terminal apron reconstruction design	938,030					
	Stormwater/Deicing Control	3,300,000					
	Airfield lighting improvements	475,000					
	DHS/Terminal Improvements (ph2)			10,650,000			
	Terminal apron reconstruction ph1			5,233,910			
	Snow removal equipment replacement			330,630			
	Terminal apron reconstruction ph2				5,233,910		
	Perimeter Road reconstruction design				93,230		
	Rwy 8L/26R rehabilitation design				318,380		
	Master Plan Update				2,060,000		
	Snow removal equipment replacement				297,567		
	ARFF Vehicle Replacement				154,500		
	Terminal apron reconstruction (ph3)					5,233,910	
	Rwy 8L/26R rehabilitation					3,502,210	
	Perimeter Road reconstruction					1,025,480	
	Snow removal equipment replacement					548,990	
	ARFF Vehicle Replacement						618,000

AIRPORT		2015	2016	2017	2018	2019	TOTAL
HANCOCK	North Terminal Apron Reconstruction	1,000,000					
	Middle Terminal Apron Reconstruction Design	84,000					
	Middle Terminal Apron Reconstruction		1,000,000				
	South Terminal Apron Reconstruction Design		84,000				
	South Terminal Apron Reconstruction			1,000,000			
	Water Tank Improvements Design			50,000			
	Sand Spreader Unit Replacement				125,000		
	Water Tank Improvements				350,000		
	Design of New Terminal Complex				525,000		
	Wildlife Control Fencing					353,000	
	Wetland Delineation					75,000	
	Approach Clearing					1,555,000	
	Approach Clearing					1,555,000	
TOTAL							\$7,756,000
IRON MOUNTAIN	Airport Improvements	1,050,000					
	Airport Improvements		1,050,000				
	Airport Improvements			1,050,000			
	Airport Improvements				1,050,000		
	Airport Improvements					1,050,000	
TOTAL							\$5,250,000
KALAMAZOO	Construct ARFF/SRE building	9,500,000					
	Rehabilitate Twy C		3,600,000				
	New Aircraft Rescue & Fire Fighting Vehicle			800,000			
	Convert Rwy 9/27 to Twy			500,000			
	Extend Rwy 17/35 ph1				5,000,000		
Extend Rwy 17/35 ph2					5,000,000		
TOTAL							\$24,400,000
LANSING	ARFF building upgrades	800,000					
	New Airfield Electrical Vault	3,143,000					
	New Terminal Feasibility Study	325,000					
	Rehab. of Rwy 28L and Twys A, B, C, D, F, & M		3,500,000				
	Environmental Assessment for Rwy 6/24 upgrade			825,000			
	Master Plan and Noise Study Updates			600,000			
	Acquire Land for Rwy 6/24 Upgrade				2,060,000		
	Aircraft Rescue & Fire Fighting truck replacement					1,012,500	
	Rwy 6/24 upgrade ph1					10,000,000	
TOTAL							\$22,265,500

AIRPORT		2015	2016	2017	2018	2019	TOTAL
MANISTEE	Airport Improvements	1,050,000					
	Airport Improvements		1,050,000				
	Airport Improvements			1,050,000			
	Airport Improvements				1,050,000		
	Airport Improvements					1,050,000	
TOTAL							\$5,250,000
MARQUETTE	Rehabilitation of rwy shoulders & edge lights (ph2)	1,300,000					
	Rwy 1 Approach Pavement Rehabilitation	365,000					
	Runway pavement rehabilitation design		157,500				
	Purchase snow removal equipment		550,000				
	Runway pavement rehabilitation		695,000				
	Pavement rehabilitation			4,360,000			
	Purchase snow removal equipment				500,000		
	Terminal renovation & expansion concept budget				157,500		
	Terminal renovation & expansion Prelim. Design					367,500	
	Terminal Backup Generator					500,000	
TOTAL							\$8,952,500
MUSKEGON	Apron Rehabilitation & Expansion	2,225,000					
	Rwy 6/24 rehabilitation		3,000,000				
	Twy A rehabilitation		1,000,000				
	North General Aviation Area Pavement Rehabilitation			420,632			
	Twy C Rehabilitation			632,000			
	Pavement Marking & Crack Sealing				200,000		
	Rapid response ARFF vehicle				250,000		
	Deicing Equipment				200,000		
	Taxiway rehabilitation					1,655,263	
	TOTAL						
PELLSTON	Design GA terminal	200,000					
	Purchase ARFF vehicle	300,000					
	Construct GA terminal		3,000,000				
	Design terminal building holdroom expansion			275,000			
	Terminal building holdroom expansion (ph1)				2,000,000		
	Airfield marking				100,000		
	Terminal building holdroom expansion (ph2)					1,000,000	
	TOTAL						

AIRPORT		2015	2016	2017	2018	2019	TOTAL
SAGINAW - MBS	Update Master Plan and Airport Layout Plan	450,000					
	Construct General Aviation apron improvements	1,178,000					
	De-icing system and pavement study and design	50,000					
	Construct parallel taxiway and apron connector		5,610,000				
	Replace navigational aids		520,000				
	De-icing system and pavement construction			2,500,000			
	Construct General Aviation apron improvements			1,617,000			
	Rwy 5/23 overlay					5,960,000	
	Taxiway and signage modifications					710,000	
	Purchase snow removal equipment					500,000	
Construct Perimeter Road						5,700,000	
TOTAL							\$24,795,000
SS MARIE	Rehabilitate Rwy 9/27 lights & Signs	380,000					
	Crack Sealing	150,000					
	Pavement markings – Rws 16/34 & 9/27 and Twys	150,000					
	Pre-Design & Use Survey for Rwy 9/27 extension			30,000			
	Design Rwy 9/27 pavement rehabilitation			110,000			
	Rwy 9/27 pavement rehabilitation		1,600,000				
	Design Rwy 9/27 extension				110,000		
	ARFF vehicle w/FLIR				450,000		
	Pavement markings				100,000		
	Crack Sealing				100,000		
	Remove Rwy 16 Blast Pad				325,000		
	Construct rwy 9/27 Widening & Extension					1,052,632	
	Pavement markings						190,000
	Crack Sealing						240,000
	Remove Rwy 34 Blast Pad						290,000
	Rapid response ARFF vehicle w/FLIR						332,632
TOTAL							\$2,630,264
TRAVERSE CITY	Design of improvements	226,500					
	Acquire easements for Rwy 10 approach	700,000					
	Relocate Rwy 10 Instrument Landing System	1,395,000					
	Extend Rwy 10	1,316,000					
	Design of improvements		215,000				
	Runway visibility zone improvements		150,000				
	General Aviation apron and taxiway re-alignment		1,422,000				
	Re-align taxiway E			290,000			
	Purchase snow removal equipment			800,000			
	Design of improvements			170,000			
	Design of improvements				50,000		
	Snow removal equipment cold storage building				700,000		
	Replace T-hangar				425,000		
	Aircraft freight ramp and twy construction					631,000	
	Service road to freight ramp					166,000	
Utilities for Air freight building					242,000		
TOTAL							\$7,972,000

AIRPORT	2015	2016	2017	2018	2019	TOTAL
PRIMARY AIRPORT TOTALS:	\$134,956,800	\$74,245,040	\$112,082,219	\$151,075,722	\$106,625,895	\$578,985,676
NON-PRIMARY + PRIMARY TOTALS:	\$163,155,395	\$107,659,325	\$141,843,917	\$187,177,868	\$130,589,226	\$730,425,731

**FY 2015 CAPITAL OUTLAY BUDGET REQUEST
AND
FIVE-YEAR FACILITIES STRATEGIC PLAN
FY 2015-2019**

**AN OVERVIEW OF THE
MICHIGAN DEPARTMENT OF
TRANSPORTATION
STATEWIDE FACILITIES PLAN**

Prepared by
Office of Operations Administrative Services
Operations Facilities Review Team
October 2013

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MISSION, VISION, and VALUES

MDOT is a recognized leader for all modes of transportation, and facilities play a critical role in the delivery of services necessary to preserve and maintain an extensive, statewide transportation infrastructure. Accordingly, MDOT recognizes and acknowledges its responsibility to both internal and external customers, and takes pride in its quest to provide the highest possible level of service. MDOT is guided by the values of Quality, Teamwork, Customer Orientation, Integrity, and Pride, which compliment and align with the values adopted by the State of Michigan – Integrity, Inclusion, Excellence, and Team Work. These values promote the strengthening of the MDOT organizational culture and help ensure the delivery of a quality program. Timely and sufficient investment in facilities contributes to MDOT's strategic plan and comprehensive asset management approach. The following serve as the foundation of MDOT:

Mission

The mission of the Michigan Department of Transportation is to provide the highest quality integrated transportation services for economic benefit and improved quality of life.

Vision

MDOT is aware of customer/stakeholder transportation wants and meets their needs.

- MDOT provides active leadership and support for planning, designing, operating, and maintaining all aspects of a comprehensive integrated transportation system that is:
 - efficient
 - effective
 - safe
 - socially and environmentally responsible
 - responsive to current and future needs, and
 - supportive of economic growth.
- MDOT continuously communicates with customers and stakeholders to make sure our activities and services are meeting their current and future needs.
- MDOT carries out its projects on time, within budget, and with a high degree of quality.

MDOT partners with others.

- MDOT fosters partnerships to develop an innovative and integrated transportation system that is responsive to Michigan residents, visitors, and businesses.

MDOT is continually getting better.

- MDOT improves its products and its processes. It is searching for better ways to meet the wants and needs of stakeholders and customers.
- MDOT is internally and externally:
 - dedicated to excellence
 - committed to quality
 - accessible
 - nimble
 - highly responsive
 - a provider of innovative transportation solutions, and
 - committed to excellence and quality, internally and externally.

MDOT is an effective and efficient organization with an outstanding staff.

- MDOT is an extraordinary organization composed of professionals who share an extraordinary commitment to public service.
- MDOT is widely recognized as an outstanding place to work, where:
 - creativity is high
 - team members are valued
 - every team member is committed to fulfilling the organizational vision
 - careers are challenging and promote growth and development, and
 - innovative HR practices support employee excellence.
- Team MDOT exemplifies its stated values in all of its actions.

Values

- Quality: Achieving our best within our resources
- Teamwork: Effective involvement of people
- Customer-orientation: Knowing our customers and understanding their needs
- Integrity: Doing the right thing
- Pride: In MDOT and the importance of our work

EXECUTIVE SUMMARY

Department Strategies for Prioritization

In alignment with enhancing MDOT's comprehensive asset management approach, the strategic focus of the department for prioritizing its capital facility program is based on the following criteria:

- Safety and Emergency Response/Repairs:

Safety of the public and MDOT employees is the highest priority of the department. MDOT must respond to local and state declarations of emergency 24 hours a day, seven days a week. The placement, type, and size of facilities are central in MDOT's efficient and effective response. MDOT must also plan and provide for unforeseen events that adversely impact facilities (fires, floods, tornados, storms, etc.). In addition, MDOT must plan and provide for the possibility that contract agencies may choose to not renew long-standing agreements. Should MDOT ever need to assume the operations previously performed by contract agencies, such a change would impact department facilities.

- Security:

MDOT must ensure and provide security for its facilities and be able to address any threats to the State's infrastructure.

- Operational Need:

MDOT's operational role and responsibility to the citizens, taxpayers, tourists, and the traveling public of Michigan reinforce the requirement that MDOT facilities be sufficient to meet their expanded service functions; sized to house equipment and materials; and support technological advancements. Timely and sufficient investments in facilities promote and protect the efficient and effective utilization of MDOT's resources.

- Rules, Regulations, and Mandates:

MDOT is subject to a wide variety of laws, regulations, mandates, and executive directives, all of which impact the needs and requests of facilities. Adherence to such requirements promotes safety and environmental responsibility, and ensures compliance with applicable laws such as the Americans with Disabilities Act (ADA) and others.

- Preventive/Corrective Maintenance:

MDOT must ensure that its capital investment in facilities is preserved, thereby enabling its people, equipment, and materials to continue to provide service to the citizens of Michigan. When a problem is identified requiring corrective maintenance, it must be resolved in a timely and effective manner so as to avoid more damage to the structure. Additionally, on-going preventive maintenance and facility assessments are critical to the avoidance of costly, extensive repairs and system failures that interrupt service delivery.

- Energy Efficient Facilities:

MDOT continues to promote energy efficiency in the design, construction, and maintenance/repair of its facilities, and also pursues the reduction of energy consumption. Energy efficiency initiatives include improvements to various building systems including lighting, water heaters, heating and ventilation systems (HVAC), and low flow toilets. Proper maintenance of roofs, the installation of building insulation and energy efficient windows, and the reduction of air infiltration by sealing openings and cracks also reduce energy consumption. In addition to retrofitting activities, all new facility construction projects are designed to have a minimum of 26 "Leadership in Energy and Environmental Design" (LEED) rating points promoting "green" building and development. Green buildings provide a proven reduction in both building operating costs and the consumption of vital natural resources.

- Partnering/Consolidation:

MDOT continues to assess opportunities for consolidating and sharing facilities resources within the department and with other state agencies. Information regarding existing collocation arrangements has been collected, and new collocation requests are being evaluated.

- Buy versus Lease:

MDOT will continue the movement toward buying facilities when warranted from an operational and economic perspective.

Department Overview

Since the establishment of Michigan's state road improvement agency in 1905, the Michigan Department of Transportation (MDOT) has remained a leading authority and innovator in the development of safe roads, roadside services, and other transportation modes. From construction of the nation's first mile of concrete highway in 1905 to the creation of a department-wide total quality plan, MDOT has maintained a long-standing commitment to innovation and quality evidenced by MDOT's national reputation.

Michigan's system of state highways, county roads, and municipal/other streets total 122,886 route miles (see Table 1). MDOT has jurisdiction over the state trunkline system, which includes 9,651 routes miles and all "I," "US," and "M" numbered highways. Michigan's 90,216 route miles of county roads are under the jurisdiction of 83 county road commissions and 21,288 route miles of municipal streets are owned by 533 incorporated cities and villages. Additionally, there are 1,731 miles of federal and tribal roads owned by the U.S. Department of Defense, National Forest Service, National Wildlife Service, National Parks Service, and the Bureau of Indian Affairs and Tribes. MDOT has an obligation to the taxpayers of Michigan to provide the best possible overall transportation system, which takes into account all aspects and modes of the system.

Route Miles in Michigan	
Regions*	
Superior	1,820
North	1,956
Grand	937
Bay	1,514
Southwest	1,226
University	1,333
Metro	865
Subtotal	<u>9,651</u>
Local Agencies	
Cities and Villages**	21,288
Counties**	90,216
Federal/Tribal***	1,731
Subtotal	<u>113,235</u>
STATEWIDE TOTAL:	<u><u>122,886</u></u>
* Source: Preliminary 2012 Sufficiency File	
** Source: 2012 Act 51 Certification	
*** Source: MDOT Planning from FHWA 2013 Data	

Table 1

Michigan travelers who use the freeway system have access to 67 rest areas, 14 welcome centers, and 81 roadside parks. Additionally, throughout northern Michigan, travelers will find 39 picnic table sites and 22 scenic turnouts. Scenic turnouts provide motorists with the ability to park and view some of the natural beauty and majesty offered by Michigan's four seasons.

Prior to 1997, the department was organized into nine districts with executive and bureau/division offices in Lansing. Under this previous organizational structure, there were more than fifty project/construction offices throughout the state located within the nine districts. In 1997, in an effort to better serve the public, build stronger relationships with the public and local agencies, and adapt to increased and transitioning responsibilities, MDOT changed the way it did business. A substantial reorganization occurred resulting in a change from nine districts and over fifty project offices to seven geographic regions and 26 Transportation Services Centers. While there were some functions that shifted from being performed centrally to being performed in the regions, the result of the reorganization was not decentralization; rather, it was an increased emphasis on customer focus and streamlining operations and facilities in adapting to and performing progressive department responsibilities and functions. In 2011, with a continued focus on streamlining operations and an emphasis on core functions, MDOT underwent a reorganization which resulted in further facility closings and consolidations. As a result, there are currently 22 TSCs within the department's seven regions.

An overview of the geographic regions is as follows:

- **Superior:** The Superior Region includes all 15 counties in the Upper Peninsula serving 1,820 trunkline route miles and 11 border crossings. Three (3) TSCs serve the transportation needs of this region. The Newberry TSC serves Alger, Chippewa, Luce, Mackinac, and Schoolcraft counties. The Ishpeming TSC serves Baraga, Houghton, Keweenaw, Ontonagon, and Marquette counties. The Crystal Falls TSC serves Delta, Dickinson, Gogebic, Iron, and Menominee counties. Major state trunklines include I-75, US-41, US-45, US-2, US-141, M-26, M-35, M-95, M-117, M-129, and M-28. The region is home to the Sault Ste. Marie International Bridge, a significant gateway to Canada and the only US-Canada border crossing north of Port Huron, and the Mackinac Bridge, the five-mile long suspension bridge connection between the Upper and Lower peninsulas. The Superior Region, unlike the rest of the state, spans two time zones: Eastern and Central. The Central Time zone includes four counties: Dickinson, Gogebic, Iron, and Menominee,. The one-hour time difference between the time zones must be taken into account when scheduling region wide operations and travel between facilities.
- **North:** The North Region is comprised of the northernmost 24 counties of the Lower Peninsula serving 1,956 trunkline route miles. Four (4) TSCs serve the transportation needs of this region. The Alpena TSC serves Presque Isle, Montmorency, Alpena, Alcona, Oscoda, and Iosco counties. The Gaylord TSC

(located in the North Region Office) serves Emmet, Cheboygan, Otsego, Crawford, Roscommon, and Ogemaw counties. The Traverse City TSC serves Charlevoix, Leelanau, Antrim, Kalkaska, Grand Traverse, and Benzie counties. The Cadillac TSC serves Manistee, Wexford, Missaukee, Mason, Lake, and Osceola counties. Major state trunklines include I-75, US-127, US-23, US-131, and US-31.

- **Grand:** The Grand Region serves eight (8) counties in the western part of Michigan serving 937 trunkline route miles. Two (2) TSCs serve this region. Grand Region is also home to the West Michigan Transportation Operations Center (TOC). The Muskegon TSC serves Oceana, Newaygo, Muskegon, and Ottawa counties, and the Grand Rapids TSC serves Kent, Mecosta, Montcalm, and Ionia counties. Major state trunklines include I-96, I-196, US-31, US-131, and M-6.
- **Bay:** The Bay Region includes 13 counties in the Saginaw Bay area serving 1,514 trunkline route miles. Three (3) TSCs serve the transportation needs of this region. The Bay City TSC serves Arenac, Bay, Saginaw, and Tuscola counties. The Mt. Pleasant TSC serves Clare, Gladwin, Gratiot, Isabella, and Midland counties. The Davison TSC serves Genesee, Lapeer, Huron, and Sanilac counties. Major state trunklines include I-75, I-69, US-127, US-23 and US-10.
- **Southwest:** The Southwest Region covers nine (9) counties in the southwestern part of the state which serve 1,226 trunkline route miles. Three (3) TSCs serve this region. The Coloma TSC serves Berrien, Cass, and Van Buren counties. The Kalamazoo TSC serves Allegan, St. Joseph, and Kalamazoo counties. The Marshall TSC serves Barry, Calhoun, and Branch counties. Major state trunklines include I-69, I-94, I-196, US-12, US-31, and US-131.
- **University:** The University Region serves ten (10) counties in the heart of south-central Michigan, serving 1,333 trunkline route miles. Three (3) TSCs serve the transportation needs of this region. The Lansing TSC serves Clinton, Shiawassee, Eaton, and Ingham counties. The Brighton TSC serves Livingston, Washtenaw, and Monroe counties. The Jackson TSC serves Jackson, Hillsdale, and Lenawee counties. The University Region's centralized location makes it the "crossroads" of the Lower Peninsula. Major state trunklines include I-69, I-75, I-94, I-96, I-275, US-12, US-23, and US-127.
- **Metro:** The Metro Region serves four (4) counties in southeastern Michigan supporting 865 trunkline route miles. Four (4) TSCs serve the transportation needs of this region. The Macomb/St. Clair TSC serves Macomb and St. Clair counties. The Oakland TSC serves Oakland County, and Wayne County is served jointly by the Taylor TSC and Detroit TSC offices. The four counties encompass 161 cities and townships. Major state trunklines include I-69, I-75, I-94, I-96, I-275, M-3, M-10, M-39, M-59, and M-97. Metro Region is also home to

the Southeast Michigan Traffic Operations Center (SEMTOC), formerly known as the Michigan Intelligent Transportation System (MITS) Center, and the Blue Water Bridge. The SEMTOC plays an important role in the safety of the traveling public through its Freeway Courtesy Patrol (FCP); monitoring the trunkline system; and advising motorists of accidents, work zones, and heavily congested areas. Many of these functions are performed through the use of strategically placed camera towers and electronic message boards located along the major trunklines. The Blue Water Bridge is home to a major international border crossing and includes a Plaza, Visitors Center, Administrative Building, and Maintenance Garage.

Each region handles the planning and design of transportation projects, traffic operations, construction administration, trunkline maintenance, and the issuance of permits. Region offices provide technical expertise, oversight, development and planning services, program guidance, and ensure alignment with the TSCs in their region, who in turn provide direct transportation projects and services throughout the region. The TSCs are responsible for the development and delivery of transportation programs to which facilities such as garages, testing laboratories, salt/sand storage buildings, and equipment/material storage buildings are an integral requirement. Careful consideration was given to the placement of the TSCs during the development of MDOT's reorganization plan. TSCs are strategically placed within each region to ensure they are within reasonable proximity to Michigan citizens. This is important in reaching out to the public and making the best use of MDOT's resources and investments in serving the state of Michigan. Each region also contains numerous supporting structures which include safety rest areas, welcome centers, and various tourist facilities.

In addition to the region-based facilities, MDOT occupies several buildings in the Lansing vicinity. Aeronautics, Fleet Administration and Operations, Nixon Road Warehouse, and Operations Field Services locations are MDOT-owned. The Van Wagoner Building and Secondary Complex locations in Lansing are leased from the Department of Technology, Management, and Budget (DTMB). The MDOT Secondary Complex encompasses the Photo-Lab, Construction Field Services, MDOT Warehouse, and the Earle Training Center. The Van Wagoner Building is home to the Statewide Transportation Operations Center (STOC). STOC monitors traffic conditions and operates ITS devices across five MDOT Regions (Bay, North, Southwest, Superior, and University), and assists with overnight operations in the Grand Region. In addition, STOC is in constant contact with the University Region Freeway Courtesy Patrol (FCP).

MDOT has approximately 400 buildings of various sizes located throughout the state, ranging in age from newly-constructed to over sixty years old. MDOT owns the majority of the facilities occupied by staff, equipment, and materials. Owning a facility provides greater flexibility, and the department considers the purchase of a facility if it proves to be more cost-effective for the state to own rather than lease. The design and utilization of many MDOT facilities were based on existing industry standards, DTMB standards, and MDOT operational needs at the time of their original construction. The functionality and size of proposed facilities and improvements to existing facilities are based on

meeting the program and operational needs of today, as well as those of the future.

Highly flexible and technically adaptive facilities are necessary to provide professional, customer-oriented service. Modern, up-to-date facilities play a key role in delivering effective and efficient transportation services to the public by supporting operations. Michigan has a land mass of over 58,000 square miles and is home to just under 10,000,000 people. MDOT is responsible for providing Michigan citizens with the best possible transportation system, an undertaking that helps to keep Michigan's tourism industry thriving and protects Michigan's valuable natural resources.

In line with the department's strategic focus, the projects outlined in the Five-Year Facilities Strategic Plan for fiscal years 2015-2019 will accomplish the following:

- Upgrade facilities to comply with building and environmental code requirements
- Construct MDOT-owned facilities and reduce the number of leased facilities when economically efficient
- Provide energy efficient and structurally updated facilities
- Construct vehicle/equipment storage buildings to protect MDOT's assets
- Renovate existing facilities to meet operational needs and accommodate relocated employees, materials, and equipment in an energy-saving and efficient manner.
- Continue to perform preventive and corrective maintenance to preserve MDOT capital investments, avoid expensive repairs, and reduce energy usage.

Upgrade Facilities to Comply with Building and Environmental Code Requirements:

MDOT's portfolio of buildings includes regional offices, transportation service centers, maintenance garages, salt/sand storage buildings, welcome centers, vehicle/equipment and material storage buildings, and other structures within the right-of-way. Additionally, the department supports facilities at 67 rest areas and 14 welcome centers located throughout the state.

Many of the department's garages were built in the 1940s and 1950s. Although gems in their day, these more than half-century old buildings are now out-of-date and present multiple building code problems including, but not limited to, improperly ventilated spaces, operationally inefficient floor plans, construction materials used for insulation which need replacement, noncompliance with the Americans with Disabilities Act (ADA) requirements, and insufficient toilet and locker room facilities for employees (male and female).

MDOT uses sand and salt mixtures, as well as chemicals, for deicing highways and bridges during the winter. Optimally, these materials should be kept in an enclosed building to maintain the quality of the material and to avoid pollution of the ecosystem. Damage can occur to subterranean water supplies, surface water, vegetation, and wildlife if these pollutants are not contained in a proper facility. Pursuant to Part 31 of PA 451 of 1994, as amended, effective August 2003, the Department of Environmental Quality requires secondary containment systems which many of the locations lack.

Construct Facilities from an Improved Operational and Economic Perspective:

As mentioned previously, in an effort to optimize efficiencies, MDOT moved from nine district offices to a seven region concept and consolidated numerous project offices into TSCs, and underwent additional reorganization that became effective in FY 2012.

MDOT has owned facilities for all of the department's region offices, and also has owned facilities for the following TSCs: Cadillac, Detroit, Gaylord (located in the North Region Office), Ishpeming, Lansing (located in the Aeronautics Building), Newberry, Crystal Falls, Muskegon, Mt. Pleasant, Bay City, Davison, Coloma, Marshall, Kalamazoo, Jackson, Oakland, and Taylor.

MDOT considers moving from leased to owned facilities when it better supports operational need and when the "buy versus lease" analysis supports the business decision to purchase. The leased TSC facilities currently include Alpena, Brighton, Grand Rapids, Macomb/St.Clair, and Traverse City.

Provide Energy Efficient and Structurally Updated Facilities:

As discussed earlier, many of MDOT's garages are now significantly older, and do not have the energy-efficient features found in new buildings. However, the reality is these structures will continue to be occupied well into the future while energy costs continue to rise. In addition, the roofs of some facilities have deteriorated to a point where significant renovation or replacement is necessary. Many asphalt-based roofs are old and have become blistered and cracked. In many cases, after years of repair, replacement of these roofs is now necessary.

Carefully made choices regarding energy improvements will provide operational savings over the remaining useful life of buildings. Energy improvements will bring MDOT into compliance with building code requirements and are consistent with statewide attempts to enhance energy efficiency and conservation. The department also focuses on "low cost/no cost" energy initiatives, and collects and reports energy consumption data for MDOT facilities.

Construct Vehicle/Equipment Storage Buildings to Protect MDOT's Assets:

Indoor storage is necessary to protect MDOT's vehicles and equipment investments. The department uses seasonal ground equipment, supplies, and materials for repair and maintenance of the state highway system, rest areas, and welcome centers. Ground equipment, which includes tractors, mowers, snow blowers, snow plow trucks, etc., should be stored in an enclosed facility. Many of the pieces of equipment used in maintaining highways have hydraulic systems which can deteriorate rapidly if not stored indoors. This deterioration not only renders the equipment unsafe over time, but decreases the service life of the equipment and increases operating costs.

Renovate Existing Facilities to Accommodate Additional Employees:

The department's initiative to transition from districts and project offices deployed employees into regions, TSCs, and garages in an effort to be closer to customers and provide greater, more efficient service. Although this initiative took place several years ago, the necessary renovation and expansion of region offices, TSCs, and garages, in many cases, has not yet occurred. Now, with the most recent reorganization and facility closures/consolidations, some existing facilities will need to be adapted to accommodate work stations for employees redeployed from closed facilities.

Continue to Perform Preventive and Corrective Maintenance:

The goal of preventive maintenance is to preserve MDOT's assets by maximizing the useful life of buildings and related systems to prevent premature failure of building components and equipment. In line with this goal, MDOT conducts annual assessments to capture preventive maintenance needs on buildings and their primary systems. Scheduled activities include such items as roof inspections; repainting; door hardware adjustments; and belt replacements on heating, ventilation, and air conditioning equipment. When problems arise requiring immediate attention, corrective maintenance is used to resolve these problems so as to ensure continued functionality of the building and avoid more extensive deterioration. The department continues to strive for implementation of a comprehensive, integrated facilities management system so preventive maintenance facility project needs can be optimally projected, planned, scheduled, and tracked.

PROGRAMMING CHANGES

MDOT evaluates the capital outlay funding levels versus the operational facilities needs, and recognizes that it must balance the preservation of existing facilities with the need for new ones. Programming changes and trends are consistent with the “Strategies for Prioritization” identified in the Executive Summary. The programming changes are highlighted below:

Facility Assessments

To ensure the assessment of MDOT facilities is consistent with needs of the buildings involved and resources required, the following occurred in FY 2013:

- Continued to collect/validate types of utility services (including water and sanitary sewer) at each assessed location including the names of the utility providers.
- Continued to collect/validate types of parking lot surfaces (paved, unpaved, partially paved) and the extent of lot markings (striped, unstriped, partially striped) at assessed locations.
- During the spring of 2013, facility assessments were performed in the Metro and University regions, Passenger Transportation facilities, and all Welcome Centers.
- MDOT facilities are assessed on triennial basis according to the following schedule:
 - 2014 Aeronautics, Bay Region, Grand Region, North Region, and Lansing-based facilities (last assessed in 2011)
 - 2015 Southwest and Superior Regions (last assessed in 2012)
 - 2016 Metro and University Regions

Note: An assessment of a facility may be performed at any time deemed necessary, regardless of its placement within the triennial schedule. Passenger Transportation facilities and Welcome Centers are assessed annually.

Facilities Management System

In FY 2008, MDOT determined the Facilities Preventive Maintenance Program pilot did not have the functionality to fully capture, maintain, and report on facilities inventory, work order processing, and facility capital outlay and special maintenance projects.

Moving forward, it is imperative that MDOT continue to actively pursue the acquisition and implementation of a comprehensive, integrated facilities management system to ensure alignment with MDOT’s Strategic Plan and asset management approach.

Brief Synopsis of Past Facilities-Related Programming Changes

In August 2006, in an effort to further streamline operations and make better use of resources, the department made changes with respect to facilities engineering and programming responsibilities so that like functions could be brought under one direction.

The alignment and integration of facility administration and operations personnel strengthened and enhanced MDOT's overall asset management approach and provided additional assurance that the department's facilities' prioritization is in alignment with MDOT's program strategies and goals.

FY 2007

- Comprehensive inventory of MDOT facilities developed.
- Comprehensive assessments of MDOT facilities in all regions were performed.

FY 2008

- A standardized documentation tool using numerical ratings was developed and implemented to aid in documenting facility assessments.
- Development of a scoping concept document to improve the accuracy and consistency of developing facility project budgets.
- MDOT facilities in all regions were assessed.

FY 2009

- Facilities assessments were placed on a triennial schedule.
- Passenger Transportation facilities included in annual facility assessments.
- The process for submitting, receiving, processing, and documenting MDOT facility "work orders" (Building Maintenance Work Requests, Form 2113) was improved to provide standardization for submission, better tracking of requests, and more efficient assignment of work.

FY 2010

- Assessment documentation tool enhanced through the inclusion of facility photographs to aid in building identification.
- Scanned and digitized all facility legacy plans and specifications. These documents are now retained within a secured document management system. This enhancement provides for long-term secured retention and allows for immediate multiple-user access while maintaining original document integrity.
- Implementation of a document management system for facilities projects to automate the facilities project workflow process, improve document availability and sharing, and provide security to those processes and documents.

FY 2011

- Project prioritization tool developed and implemented. The tool assigns numerical scores utilizing factors such as type of work and assessment data to aid in the Call-for-Projects process.
- In an effort to further streamline operations and make better use of resources, the department's reinvention and reorganization included initiatives to further align facilities responsibilities so that like functions could be brought under one direction. As a result, effective October 1, 2011, facilities maintenance personnel and functions were combined with department facilities administration and operations personnel and functions. This alignment and integration strengthened and enhanced MDOT's overall asset management approach and provided

additional assurance that the department's facilities prioritization is in alignment with MDOT's program strategies and goals.

FY 2012

- Refined the Safety/Security section to the project prioritization tool to enhance clarity and scoring consistency.
- Published (in PDF format) the Capital Outlay Budget Request and Five-Year Facilities Strategic Plan for FY 2010, FY 2011, and FY 2012 in ProjectWise to improve accessibility of the resource material to internal customers in a more cost-effective manner. Will publish current/future year documents in ProjectWise.
- Started collecting utility service data (including water and sanitary sewer) including the names of the utility providers.
- Started collecting more detailed parking lot surface data (paved, unpaved, and partially paved) and the extent of lot markings (striped, unstriped, and partially striped).

FY 2015 Implementation Plan

Implementation Plan – 2015 Major Capital Projects

With continued projected revenue shortfalls for the upcoming years, the outlook for adequate transportation funding, including the ability to match federal aid, is of great concern. Due to the transportation funding crisis, major facility capital improvement projects have been deferred in order to commit the limited available funds to critical maintenance on existing facilities. It is important to recognize the department has major capital improvement investment needs that must be addressed in the long-range plan.

Implementation Plan – 2015 Special Maintenance Projects

In recognition of the transportation funding crisis, the amount identified and requested for FY 2015 special maintenance projects is abbreviated and does not reflect all investment needs. The projects selected and included in this budget request address health and safety issues, as well as critical repairs required to maintain existing assets. Although all projects represented by the requested amount have been identified, scoped, and estimated, if other special maintenance facility needs become an emergency or critical in nature, those projects will be addressed with this funding. Further, if prior year funded projects are deferred to address federal aid match, those projects will be addressed using this funding, taking into account prioritization of critical/emergency projects first.

Consistent with MDOT's comprehensive asset management approach, both preventive and corrective maintenance must be performed in a timely manner on department facilities and building systems.

Miscellaneous Repairs, Renovations, and Upgrades - Statewide FY 2015 Appropriation Request: \$4,001,500

Repairs, renovations, and upgrades to be performed with Special Maintenance funding include the following:

- Structure and roof repairs/replacements
- Sanitary system replacement
- Energy improvements including HVAC, ventilation, windows and overhead doors
- Facility exterior repairs and painting
- Facility site improvements including pavement, drainage, and storage
- Emergency and miscellaneous renovations, maintenance, and repairs
- Salt/sand storage and secondary containment

Total Special Maintenance Projects Request for FY 2015: \$ 4,001,500

Total Capital Outlay Budget Request for FY 2015 (STF Funding): \$ 4,001,500

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2015 MAJOR CAPITAL PROJECTS**

With continued projected revenue shortfalls for the upcoming years, the outlook for adequate transportation funding, including the ability to match federal aid, is of great concern. Due to the transportation funding crisis, major facility capital improvement projects have been deferred in order to commit the limited available funds to critical maintenance on existing facilities. It is important to recognize the department has major capital improvement investment needs that must be addressed in the long-range plan.

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2015 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2015	University Dundee Welcome Center City: Petersburg County: Monroe	STE-1 Site	Replace sanitary system lift station.	Although lift station is still functioning, it is well beyond its service life and needs replacement. Lift station is a steel tank that currently has severe corrosion. Lift station top is unsafe due to severe corrosion.	Functional sewage removal system.	Leave as is which will result in closures of this facility when the lift station fails.	A fully functioning Welcome Center that supports Michigan's travel industry.	\$164,500 2116-STF
2015	Southwest Fennville Garage City: Fennville County: Allegan	STE-1 Site	Cold mill and resurface parking lot and drives.	Pavement deteriorated beyond repair and site has drainage issues. Facility supports road maintenance operations. Environmental concerns with unrestricted soil access. Bituminous only 1-2 inches throughout. Some rubble areas.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement base can be salvaged if repaired before pavement condition further deteriorates.	Improved operations from a smooth transportation surface.	\$216,000 2116-STF
2015	University Adrian Garage City: Adrian County: Lenawee	GAR-1 Garage	Replace roof over fleet repair area of garage.	The current roof system has leaked for years causing damage to the interior walls and structure.	Preserve and protect structural integrity.	No viable alternative	Preventive maintenance investment will mitigate risk of further structural and building content damage.	\$114,400 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2015 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2015	Superior Houghton Garage City: Calumet County: Houghton	GAR-1 Garage	Replace overhead washbay door.	Washbay door has deteriorated and requires frequent costly repair.	Long-term cost savings are generated, safety issues are avoided, and staff are optimally utilized.	No viable alternative.	Reduced long term maintenance cost, increased energy efficiency.	\$15,800 2116-STF
2015	University Brighton Garage City: Brighton County: Livingston	HSB-1 Heated Storage	Roof and exterior wall restoration.	The existing roof has significantly deteriorated and no longer provides protection to exterior walls which have been damaged as a result of the failing roof structure.	Extend structure life by protecting structure and walls from further water damage.	No viable alternative.	Reduced operating costs by addressing water damage issue before it results in more costly repairs.	\$221,000 2116-STF
2015	Southwest Coldwater Welcome Center City: Coldwater County: Branch	WCT-1 Welcome Center	Repair or replace roof.	Roof has had persistent leaks and requires costly repairs that provide short-term/temporary fix.	Protection and preservation of building structure and contents.	No viable alternative.	Preventive maintenance investment will mitigate risk of structural damage and protect building contents.	\$62,400 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2015 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2015	Metro Detroit Garage City: Detroit County: Wayne	CSB-2 Cold Storage	Demo existing building and design and construct 12,000 sq. ft. cold storage building.	The existing CSB is dilapidated and floods during rains and snow melts. Exposed materials and equipment have increased rate of corrosion and reduced service life. During periods of freeze/thaw flooded areas become hazardous to employees.	Materials and equipment are protected from excessive moisture due to flooding. Safer work environment.	Continue to repair the existing building including new drainage system, roof, and moisture blocking paint.	Cost savings are realized by protecting purchased assets, securing materials and equipment in alignment with warranty, and affording the opportunity to order materials in bulk at reduced cost.	\$659,100 2116-STF
2015	Southwest New Buffalo Welcome Center City: New Buffalo County: Berrien	WCT-1 Welcome Center	Replace HVAC system including installation of a cooling system for restrooms and vestibules.	HVAC system is in poor condition and requires frequently costly repair that provides short-term/temporary fix.	Efficient uniform heating and cooling system.	No viable alternative	Savings realized in replacing an inefficient and antiquated system. This facility supports Michigan tourism.	\$510,000 2116-STF
2015	North Kalkaska Garage City: Kalkaska County: Kalkaska	STE-1 Site	Mill and resurface existing parking lot and driveways.	Pavement has deteriorated to the extent where very little is left. Entire lot in poor condition (4"). This facility supports road maintenance operations and has frequent heavy equipment traffic.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement base can be salvaged if repaired before pavement condition deteriorates further.	Improved operations from a smooth transportation surface.	\$241,100 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2015 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2015	University Brighton Garage City: Brighton County: Livingston	HSB-1 Heated Storage	Install ventilation system in building.	The current building does not have a ventilation system which is required for heated storage buildings.	Functional roof system that protects the structure, materials, and equipment inside the structure from water damage.	Leave as is which is not compliant with current code and could be a safety concern.	Preventive maintenance investment will mitigate risk of further structural damage and protect building contents.	\$101,200 2116-STF
2015	Southwest Coloma Garage City: Benton Harbor County: Berrien	HSB-1 Heated Storage	Replace Ethylene Propylene Diene Terpolymer Membrane (EPDM) roof system.	Roof system is showing signs of wear and it has exceeded its useful life; no warranty remains.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$75,000 2116-STF
2015	University Adrian Garage City: Adrian County: Lenawee	GAR-1 Garage	Install energy efficient windows and pedestrian doors throughout the building.	The windows are Plexiglass. The pedestrian doors and frames are rusted.	Long-term protection of structure and contents. Reduced energy consumption and associated costs.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk to structure and building contents.	\$23,500 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2015 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2015	Lansing Fleet Administration & Operations City: Lansing County: Ingham	HSB-2 Heated Storage	Re-skin entire building including all soffit, fascia, and trim. Demo and replace gutters. Cover all side and rear windows.	Existing siding has failed and no longer protects building and contents. Gutters are in poor condition.	Long-term protection of structure and contents.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk to structure and building contents.	\$22,900 2116-STF
2015	University Williamston Garage City: Williamston County: Ingham	STE-1 Site	Reconstruct with 5" of HMA and ultra-thin over the remaining maintenance lot. Mill and fill 1.5" in the car parking area.	Existing pavement is 0.3' to 0.4' of HMA over gravel. This facility supports road maintenance operations and has frequent heavy equipment traffic.	Protective surface for maintenance vehicles and equipment to operate.	Pavement resurfacing was considered. Further investigation of pavement found pavement condition to be deteriorated beyond salvage and resurfacing would be a more costly solution due to short term benefit.	Improved operations from a smooth transportation surface.	\$428,900 2116-STF
2015	University University Region Maintenance Crews City: Jackson County: Jackson	SPC-1 Maintenance Crews	Install new membrane roofing system.	Current membrane roof is at the end of its service life and is exhibiting signs of deterioration.	Protection and preservation of building structure and contents.	No viable alternative.	Preventive maintenance investment will mitigate risk of structural damage and protect building contents.	\$145,700 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2015 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2015	Statewide City: Various County: Various	SSB-1 Salt/Sand Storage	Design and construct MDOT and/or Contract Agency salt/sand storage facilities with secondary containment, or construct secondary containment for an existing facility.	Many of the salt/sand storage facilities are no longer safe to operate due to years in operation. Other facilities are within the service life period but are not in compliance with DEQ secondary containment requirements.	Safe and efficient facilities which are in compliance with environmental laws, rules, and regulations.	Each project is evaluated on an individual basis to determine if alternatives are available.	Adequate facilities to support state trunkline operations which are in compliance with all environmental standards.	\$1,000,000 2116-STF

FY 2015 SPECIAL MAINTENANCE TOTAL

\$4,001,500

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2016 MAJOR CAPITAL PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Grand Muskegon TSC City: Muskegon County: Muskegon	TSC-1 Transportation Service Center	Design and construct 2,424 sq. ft. addition and reconfigure the office layout within existing building footprint. Address building security.	Existing facility has insufficient space to effectively accommodate current personnel, as well as insufficient meeting and storage space.	Facility that will accommodate current and future personnel, as well as provide sufficient meeting and storage space.	Continue to operate in a facility that is not conducive for efficient operations.	Increased productivity and optimized operations by having sufficient office, meeting, and storage space. Increased security will reduce risk to building and contents.	\$1,652,944 2116-STF
2016	University Ann Arbor TSC City: Ann Arbor County: Washtenaw	TSC-1 Transportation Service Center	Design and construct new 9,890 sq. ft. TSC in Washtenaw County on MDOT owned property.	MDOT currently leases office space in Livingston County. The TSC services Livingston, Washtenaw, and Monroe Counties and the current location is not optimal for customer services.	MDOT owned facility to provide improved customer service.	Lease an alternative facility. After extensive research DTMB/MDOT have not been able to identify lease space that is more cost effective than constructing a new state owned facility.	Increased visibility and services to the customer. Buy vs. lease supports long term savings of this MDOT owned facility built along MDOT right-of-way to meet operational needs.	\$4,079,676 2116-STF

FY 2016 MAJOR CAPITAL TOTAL \$5,732,620

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2017 MAJOR CAPITAL PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2017	Southwest South Haven Garage City: South Haven County: Van Buren	GAR-1 Garage	Enlarge garage by adding a 4,000 sq. ft. addition to accommodate the parking of tandem axle plow trucks.	For improved operations, MDOT has transitioned to use of tandem trucks which are longer than the single-axle trucks. This creates a logistic issue due to existing garage configuration for smaller trucks.	Equipment is protected from the elements.	Continue to store equipment outside where it is exposed to the elements.	Cost savings are realized by protecting purchased assets.	\$1,311,400 2116-STF
2017	Southwest South Haven Garage City: South Haven County: Van Buren	WSH-1 Washbay	Design and construct 2,400 sq. ft. external wash bay.	Existing equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location. Increase risk of employee injury.	Preserve the integrity of the maintenance garage structure and contents. Extend life of building's steel framing. Provide safer washing environment for staff.	Continue to delay project and accept operational deficiencies and absorb long-term financial risk.	Frequent washing of equipment extends service life. Savings are also realized through preserving existing structure and contents by moving washing operations to separate facility.	\$685,700 2116-STF
2017	Southwest Sawyer Garage City: Sawyer County: Berrien	WSH-1 Washbay	Design and construct 2,400 sq. ft. wash bay.	Existing equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location and increase risk of employee injury.	Preserve the integrity of the maintenance garage structure and contents by protecting materials and equipment from the elements. Extend life of building's steel framing. Provide safer washing environment for staff.	Continue to delay project and accept operational deficiencies and absorb long-term financial risk.	Frequent washing of equipment extends service life. Savings are also realized through preserving existing structure and contents by moving washing operations to separate facility.	\$655,500 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2017 MAJOR CAPITAL PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2017	Southwest Coloma Garage City: Benton Harbor County: Berrien	SSB-3 Salt/Sand Storage	Design and construct new 17,900 sq. ft. 7,000 ton salt/sand storage building with secondary containment.	The current salt dome (4,000 ton capacity) is almost 30 years in age with ongoing structural issues and insufficient fill capacity. The structure is not in alignment with secondary containment rules and regulations.	Safe and efficient facility which is in compliance with environmental laws, rules, and regulations.	Continue to delay project and accept operational deficiencies, rule/regulation non-compliance, and absorb cost of maintaining an aging structure.	New construction with covered loading area will meet environmental rules/regulations. Building to full capacity will reduce winter salt costs. Existing structure will be used for cold storage.	\$1,394,200 2116-STF
2017	Southwest Jones Garage City: Jones County: Cass	WSH-1 Washbay	Design and construct 2,400 sq. ft. external wash bay.	Equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location.	Preserve the integrity of the maintenance garage structure and contents by protecting materials and equipment from the elements. Extend life of building's steel framing. Provide safer washing environment for staff.	Continue to delay project and accept operational deficiencies and absorb long-term financial risk.	Frequent washing of equipment extends service life. Savings are also realized through preserving existing structure and contents by moving washing operations to separate facility.	\$649,700 2116-STF
2017	Metro Caniff-Greeley Salt Storage Building City: Detroit County: Wayne	SSB-3 Salt/Sand Storage	Construct new Salt/Sand Storage Building (SSB-3). Demolish existing SSB-1 and SSB-2.	The two existing salt/sand storage buildings are non-DEQ compliant and have ongoing structural deficiencies.	Safe and efficient facility in compliance with environmental laws, rules, and regulations.	Continue to delay project and accept operational deficiencies, rule/regulation non-compliance, and absorb cost of maintaining an aging structure.	New construction with covered loading area will meet environmental rules/regulations. Building to full capacity will reduce winter salt costs.	\$0 2116-STF Formal scope and cost estimation in progress.

FY 2017 MAJOR CAPITAL TOTAL

\$4,696,500

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2018 MAJOR CAPITAL PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Southwest South Haven Garage City: South Haven County: Van Buren	GAR-2 Garage	Design and construct 224 sq. ft. addition and renovate existing office space.	Inadequate office and conference room space. There is no computer area. The mechanic and shop supply areas do not accommodate the necessity for emergency exits.	Additional space will allow for optimum space allocation for existing and additional staff. In addition, increased storage space will result in more efficient operations.	Lease or purchase an additional facility/office space which would result in an increase of region operational expenditures.	Adding additional space, rather than buying or leasing, will be a more efficient use of taxpayer dollars, and will result in an increase in employee productivity and efficiency.	\$126,400 2116-STF
2018	Southwest South Haven Garage City: South Haven County: Van Buren	CSB-2 Cold Storage	Design and construct 800 sq. ft. cold storage building.	Many materials and equipment are stored outside and exposed to the elements thereby increasing the rate of corrosion and reducing the service life.	Materials and equipment are protected from the elements. Warranty, where applicable, is not compromised due to proper storage.	Continue to allow materials and equipment to be exposed to the elements.	Cost savings are realized by protecting assets, securing material and equipment in alignment with warranty. Purchase materials in bulk at reduced cost.	\$813,400 2116-STF
2018	Southwest Sawyer Garage City: Sawyer County: Berrien	GAR-1 Garage	Design and construct 4,800 sq. ft. addition to garage to accommodate the parking of tandem axle plow trucks.	For improved operations, MDOT has transitioned to use of large tandem trucks. Exposed equipment has increased rate of corrosion and reduced service life.	Equipment is protected from the elements and is not compromised due to improper storage.	Continue to store equipment outside where it is exposed to the elements.	Cost savings are realized by protecting purchased assets.	\$1,545,000 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2018 MAJOR CAPITAL PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Southwest Hastings Garage City: Hastings County: Barry	SSB-2 Salt/Sand Storage	Design and construct 4,600 ton salt/sand storage building with secondary containment.	The current salt concrete has a capacity of 3,000 tons which is inadequate since the 5-year average for salt usage at this garage is 4,070 tons. Existing structure does not have a covered loading area (secondary containment).	Building this structure will enable salt to be handled in compliance with environmental requirements, and late season fills will not be necessary in an average winter. The existing salt structure can be utilized for sand storage.	Continue to delay project and accept operational deficiencies, rule/regulation non-compliance, and absorb cost of maintaining an aging structure.	New construction with covered loading area will meet environmental rules/regulations. Building to full capacity will reduce winter salt costs. Existing structure will be used for cold storage.	\$1,433,300 2116-STF
2018	Grand Grand Region Office City: Grand Rapids County: Kent	TST-1 Testing Lab	Construct 2,400 sq. ft. materials testing laboratory.	Currently contracted. This is not a cost effective option and MDOT does not retain control of testing environment/controls.	MDOT owned and operated facility to perform controlled testing operations in compliance with FHWA requirements.	Continue to contract materials testing at increased cost and decreased efficiency and potential for compromised schedule/testing controls.	Savings are realized by testing operations located in a single testing location. Optimize available FHWA funds by constructing facility to meet current and future testing requirements.	\$1,151,500 2116-STF
2018	Grand Grand Region TSC City: County:	TSC-1 Transportation Service Center	Construct a new 14,000 sq. ft. Grand Rapids TSC on state owned land or purchase property.	The Grand Rapids TSC is currently a leased facility located in the southeast quadrant of I-96 and Leonard Street within the City of Grand Rapids. The lease agreement is for 5 years with two 5 year renewable options.	MDOT owned facility in alignment with department strategy for prioritization.	Continue to lease either at the existing location or alternate location.	Increased visibility and service to the customer. Buy vs. lease supports long-term savings of this MDOT owned facility.	\$2,998,200 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2018 MAJOR CAPITAL PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	University Grand Ledge Garage City: Lansing County: Eaton	GAR-1 Garage	Design and construct 2,400 sq. ft. wash bay.	Equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location.	Preserve the integrity of the maintenance garage structure and contents by protecting materials and equipment from the elements. Extend life of building's steel framing. Provide safer washing environment for staff.	Absorb risk of long-term structure and content damage by delaying project.	Frequent washing of equipment extends service life. Savings are also realized through preserving existing structure and contents by moving washing operations to separate facility.	\$768,000 2116-STF
2018	University Lansing TSC City: Lansing County: Clinton	TSC-1 Transportation Service Center	Design and construct new 14,000 sq. ft. Transportation Service Center (TSC).	The TSC is a tenant in a shared facility which is not conducive to long-term operations.	State of Michigan owned facility to meet existing and future staffing levels. New facility to have a small materials lab, typical to a TSC.	Continue to share space in a facility that is not in alignment with long-term operational needs.	Overall efficient use of financial resources, sustain project and customer service products and services, and better able to retain and manage operations for transparency reporting requirements.	\$7,667,500 2116-STF
2018	North Traverse City TSC City: Traverse City County: Grand Traverse	TSC-1 Transportation Service Center	Design and construct new 8,000 sq. ft. Transportation Service Center (TSC).	The TSC currently operates from a leased facility.	MDOT owned facility in alignment with department strategy for prioritization.	Continue to lease either at the existing location or alternate location.	Increased visibility to the customer and the elimination of an expensive lease.	\$5,069,600 2116-STF

FY 2018 MAJOR CAPITAL TOTAL \$21,572,900

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2019 MAJOR CAPITAL PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	University Dundee Welcome Center City: Petersburg County: Monroe	WCT-1 Welcome Center	Design and construct new 8,000 sq. ft. Welcome Center.	The existing facility is in need of costly repairs and is undersized for the volume of public served.	Welcome Center which is ADA compliant with both external and internal accessible restroom facilities, adequate space for public use of the welcome center area and administrative offices, and reduction in annual energy costs.	Continue to delay project. Continue to pay high utility and maintenance costs.	Promote tourism with an updated facility which adequately serves the traveling public.	\$3,889,800 2116-STF
2019	Superior Sault Ste. Marie Welcome Center City: Sault Ste. Marie County: Chippewa	WCT-1 Welcome Center	Design and construct new 6,000 sq. ft.. Welcome Center.	Current facility is inadequate in size to accommodate public need.	Welcome Center which is ADA compliant, with both external and internal accessible restroom facilities, adequate space for public use of the welcome center area and administrative offices, and reduction in annual energy costs.	No viable alternative.	Promote tourism with an updated facility which adequately serves the traveling public.	\$2,692,500 2116-STF
2019	Superior St. Ignace Welcome Center City: St. Ignace County: Mackinac	WCT-1 Welcome Center	Design and construct new 6,000 sq. ft.. Welcome Center.	The existing facility is in need of costly repairs and is undersized for the volume of public served.	Welcome center with adequate visitor area, ADA compliant restroom facilities, and storage space.	No viable alternative.	Promote tourism with an updated facility which adequately serves the traveling public.	\$2,692,500 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2019 MAJOR CAPITAL PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Superior Ironwood Welcome Center City: Ironwood County: Gogebic	WCT-1 Welcome Center	Design and construct new 5,000 sq. ft.. Welcome Center building.	Existing facility is very small, with external accessible restrooms and limited handicap accessibility.	Welcome Center which is ADA compliant, with both external and internal accessible restroom facilities, adequate space for public use of the welcome center area and administrative offices, and reduction in annual energy costs.	No viable alternatives.	Promote tourism with an updated facility better serving the traveling public.	\$2,243,100 2116-STF
2019	University Charlotte Garage City: Charlotte County: Eaton	WSH-1 Washbay	Design and construct 2,400 sq. ft. external wash bay.	Equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location.	Preserve the integrity of the maintenance garage structure and contents by protecting materials and equipment from the elements. Extend life of building's steel framing. Provide safer washing environment for staff.	Continue to delay project and accept operational deficiencies and absorb long-term financial risk.	Frequent washing of equipment extends service life. Savings are also realized through preserving existing structure and contents by moving washing operations to separate facility.	\$989,700 2116-STF
2019	Metro Macomb-St. Clair TSC City: Chesterfield Township County: Macomb	TSC-1 Transportation Service Center	Design and construct new TSC and testing lab.	The TSC and testing lab currently operate from separate leased facilities in Macomb County with inadequate space to efficiently conduct daily operations.	Buy vs. lease analysis supports long term savings of MDOT owned facilities built along MDOT right-of-way to meet operational needs.	Lease another facility and not recognize savings and operational efficiencies from building a new facility.	Increased visibility and services to the customer and the elimination of an expensive lease resulting in more prudent use of taxpayer dollars.	\$9,678,100 2116-STF

FY 2019 MAJOR CAPITAL TOTAL \$22,185,700

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FY	Bureau/Region - Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	University Mason Garage City: Mason County: Ingham	SSB-2 Salt/Sand Storage	Coat shingled roof.	Shingles showing signs of wear with missing granules, cupping, and curling. Some shingles have blown off.	Maintain a fully functional roof system that protects both the structure and the contents of the building.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$51,900 2116-STF
2016	University Brighton Garage City: Brighton County: Livingston	HSB-2 Heated Storage	Apply roof coating.	The current metal roof is showing rust which indicates failure of the current coating system.	Maintain a fully functional roof system that protects both the structure and the contents of the building.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$26,800 2116-STF
2016	Southwest Jones Garage City: Jones County: Cass	STE-1 Site	Cold mill and resurface asphalt.	Existing pavement 1-2" deteriorated with large cracks and potholes. To reduce storm water influent into lagoon, site survey info will be used to determine if catch basins can be connected to ditch. This facility supports road maintenance operations and has frequent heavy equipment traffic.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement base can be salvaged if repaired before pavement condition deteriorates further.	Significant savings by repairing existing pavement in lieu of complete rehab and replacement. Correct drainage will provide long-term protection of asset.	\$269,500 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Lansing Fleet Administration & Operations City: Lansing County: Ingham	GAR-1 Garage	Repave parking lot from garage eastward. Pave gravel area.	Existing parking area is nearing the end of its useful life. The pavement is cracked extensively. The cracks were sealed with hot rubber in 2009 with low spots filled with AMZ material to help prolong the life. The gravel area is uneven.	Protective surface on which maintenance vehicles and equipment will operate.	Pavement resurfacing was considered. Further investigation of pavement found condition to be deteriorated beyond salvage.	Significant savings by repairing existing pavement in lieu of complete rehab and replacement.	\$524,800 2116-STF
2016	Southwest Plainwell Garage City: Plainwell County: Allegan	GAR-1 Garage	Install radiant heat in main garage.	Existing system is antiquated and is inefficient to operate.	Reduced energy consumption.	Defer project and absorb risk of higher repair or replacement costs. Continue to pay higher utility costs.	Reduction in energy consumption and associated costs.	\$89,300 2116-STF
2016	Southwest Paw Paw Garage City: Paw Paw County: Van Buren	GAR-1 Garage	Install radiant heat in main garage.	Existing system is antiquated and is inefficient to operate.	Reduced energy consumption.	Defer project and absorb risk of higher repair or replacement costs. Continue to pay higher utility costs.	Reduction in energy consumption and associated costs.	\$89,300 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	University Brighton Garage City: Brighton County: Livingston	HSB-1 Heated Storage	Replace all single-pane windows with new energy-efficient windows.	Existing windows are in poor condition and not energy efficient (single pane).	Protection and preservation of building and contents. Reduce energy consumption and associated costs.	Defer project and absorb risk of costly structural and content damage. Absorb higher utility costs.	Preventive maintenance investment will mitigate risk to structure and building contents. Additional savings realized in the reduction of energy consumption and associated costs.	\$53,600 2116-STF
2016	University Grand Ledge Garage City: Lansing County: Eaton	GAR-1 Garage	Apply roof coating.	Roof coating is showing signs of deterioration and needs to be recoated so the warranty can be extended.	Maintain a fully functional roof system that protects both the structure and the contents of the building.	Defer project and absorb risk of loss of warranty and potential damage to structure and contents if allowed to further deteriorate.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$48,300 2116-STF
2016	University University Region Maintenance Crews City: Jackson County: Jackson	SPC-1 Maintenance Crews	Install new engine exhaust system.	Current exhaust system is not functioning properly and can no longer be repaired.	Air quality enhanced while reducing the volume of soot impeding on building mechanical systems.	No viable alternative.	Protection of personnel, mechanical systems, and compliance with MIOSHA standards.	\$42,300 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	University Grand Ledge Garage City: Lansing County: Eaton	CSB-1 Cold Storage	Replace existing roof membrane.	Membrane has deteriorated and no longer provides adequate structural protection. The warranty has expired.	Maintain a fully functional roof system that protects both the structures and the contents of the building.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$40,200 2116-STF
2016	University University Region Maintenance Crews City: Jackson County: Jackson	SPC-1 Maintenance Crews	Replace damaged service doors and frames.	Some of the service doors and frames around the building are badly rusted and deteriorated.	Fully functioning doors that seal out the elements and lock properly.	Leave as is and eventually the doors will no longer provide protection from the elements nor security because they will not lock properly.	Protection of state assets.	\$33,200 2116-STF
2016	University Grand Ledge Garage City: Lansing County: Eaton	HSB-1 Heated Storage	Apply roof coating.	Roof coating has deteriorated and no longer provides adequate structural protection. The warranty has expired.	Maintain a fully functional roof system that protects both the structure and the contents of the building.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$18,500 2116-STF

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FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Metro Port Huron Garage City: Port Huron County: St. Clair	STE-1 Site	1.5" HMA mill and resurface of existing pavement on site. Replace concrete curbs around the office/garage parking area.	Multiple longitudinal and transverse cracks with several areas of fatigue cracking, saturated/undermined sub base adjacent to drain structures. This facility supports road maintenance operations and has frequent heavy equipment traffic.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement can be salvaged if repaired before pavement condition further deteriorates.	Improved operations from a smooth transportation surface.	\$158,000 2116-STF
2016	Metro M-102 - US-24 Salt Storage Building City: Detroit County: Wayne	SSB-1 Salt/Sand Storage	Reskin entire building including soffit and fascia.	Existing metal panels are missing and/or rusting.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$54,200 2116-STF
2016	Metro Detroit Garage City: Detroit County: Wayne	STE-1 Site	Add additional exterior lighting on the south and east side of site.	There is poor lighting on along the south and east sides of site.	Well lit site to protect personnel and assets.	No viable alternative.	By properly employing a sufficient lighting plan, theft and vandalism can be deterred to better protect assets.	\$226,000 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Southwest Paw Paw Garage City: Paw Paw County: Van Buren	GAR-1 Garage	Add spray foam insulation to the ceiling.	Inadequate insulation resulting in heat loss.	Reduced energy consumption and associated costs.	Defer project and continue to pay higher energy costs and reduce the service life of the heating system.	Savings realized through reduced utility consumption and associated costs, as well as reduced maintenance costs and prolonged service life for the heating system.	\$158,100 2116-STF
2016	Grand Grand Region Office City: Grand Rapids County: Kent	STE-1 Site	Resurface parking lot.	Multiple longitudinal and transverse cracks with several areas of fatigue cracking, saturated/undermined sub base adjacent to drain structures.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement can be salvaged if repaired before pavement condition further deteriorates.	Significant savings by repairing existing pavement in lieu of complete rehab and replacement.	\$110,200 2116-STF
2016	Metro Taylor TSC City: Taylor County: Wayne	STE-1 Site	Pave vehicle storage lot.	Existing lot is gravel and not operationally adequate for parking of vehicles and equipment.	Protective surface on which maintenance vehicles and equipment will operate.	No alternative.	Improved operations from a smooth surface. Protection of environment.	\$91,600 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Southwest Plainwell Garage City: Plainwell County: Allegan	GAR-1 Garage	Insulate ceiling and walls.	Ceiling and walls have low thermal resistance and require insulation to increase thermal properties.	Reduced energy consumption and associated costs.	Defer project and continue to pay higher energy costs and reduce the service life of the heating system.	Savings realized through reduced utility consumption and associated costs, as well as reduced maintenance costs and prolonged service life for the heating system.	\$83,800 2116-STF
2016	Superior Sault Ste. Marie Welcome Center City: Sault Ste. Marie County: Chippewa	WCT-1 Welcome Center	Remove and replace exterior windows.	The window glazing leaks, (all windows), and there is no inert gas left causing fog within the perimeter of the window. The frames have deteriorated and leak.	Protection and preservation of building and contents. Reduce energy consumption and associated costs.	Defer project and absorb risk of higher repair or replacement costs. Continue to pay higher utility costs.	Preventive maintenance investment will mitigate risk to structure and building contents. Additional savings realized in the reduction of energy consumption and associated costs.	\$58,300 2116-STF
2016	Southwest Kalamazoo Garage City: Kalamazoo County: Kalamazoo	SSB-2 Salt/Sand Storage	Paint exterior and repair masonry at entrance of dome.	Paint is chipping, fading, and peeling. The masonry has cracks, and chips at the entrance.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$55,200 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Southwest Coldwater Welcome Center City: Coldwater County: Branch	WCT-1 Welcome Center	Remove and replace water treatment system.	The pumps are antiquated, require frequent non-routine repair, and are costly to have serviced.	Preserve structural integrity, building contents, and health/safety of occupants.	No viable alternative.	Savings realized through the protection of existing assets, personnel, and the traveling public. Further savings will be realized by mitigating short-term fixes of aging equipment.	\$50,500 2116-STF
2016	Southwest Jones Garage City: Jones County: Cass	GAR-2 Garage	Tuck point and paint entire exterior.	Paint is chipping, fading, and peeling.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$42,700 2116-STF
2016	University University Region Maintenance Crews City: Jackson County: Jackson	SPC-1 Maintenance Crews	Paint exterior of building.	Exterior paint is peeling in many locations and is not providing proper protection of the masonry.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$38,200 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	University Charlotte Garage City: Charlotte County: Eaton	GAR-1 Garage	Replace windows in mechanic's bay area and main garage with energy efficient product.	Existing windows are in poor condition and not energy efficient (single pane).	Protection and preservation of building and contents. Reduced energy consumption and associated costs.	Defer project and absorb risk of higher repair or replacement costs. Continue to pay higher utility costs.	Preventive maintenance investment will mitigate risk to structure and building contents. Additional savings realized in the reduction of energy consumption and associated costs.	\$36,500 2116-STF
2016	University Charlotte Garage City: Charlotte County: Eaton	GAR-1 Garage	Insulate mechanic's bay area roof (spray foam).	Inadequate insulation resulting in heat loss.	Reduced energy consumption and associated costs.	Defer project and continue to pay higher energy costs and reduce the service life of the heating system.	Savings realized through reduced utility consumption and associated costs, as well as reduced maintenance costs and prolonged service life for the heating system.	\$32,000 2116-STF
2016	Southwest Jones Garage City: Jones County: Cass	GAR-2 Garage	Core-fill all Concrete Masonry Unit (CMU) block walls.	Hollow CMU block walls have low thermal resistance and require core-fill to increase thermal properties. Cold drafts come through block and interior paint has deteriorated.	Reduced energy consumption. Provide uniform and efficient heating.	Defer project and continue to pay higher energy costs and reduce the service life of the heating system.	Savings realized through reduced utility consumption and associated costs, as well as reduced maintenance costs and prolonged service life of the heating system.	\$29,500 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Southwest Sawyer Garage City: Sawyer County: Berrien	GAR-1 Garage	Paint exterior.	Paint is chipping, fading, and peeling.	Preserve and protect structural integrity of building.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$27,700 2116-STF
2016	Superior L'Anse Maintenance Garage City: L'Anse County: Baraga	GAR-1 Garage	Replace windows and (12) garage door jambs with energy efficient products.	Broken seals on windows and moisture between glass panes resulting in reduced visibility and reduced insulating values. Ferrous oxide on garage door jambs has caused significant section loss.	Protection and preservation of building and contents. Reduce energy consumption and associated costs.	Defer project and absorb risk of costly structural and content damage. Absorb higher utility costs.	Preventive maintenance investment will mitigate risk to structure and building contents. Additional savings realized in the reduction of energy consumption and associated costs.	\$25,100 2116-STF
2016	Southwest Paw Paw Garage City: Paw Paw County: Van Buren	GAR-1 Garage	Core-fill all Concrete Masonry Unit (CMU) block walls.	Hollow CMU block walls have low thermal resistance and require core-fill to increase thermal properties. Interior paint has deteriorated.	Reduced energy consumption. Provide uniform and efficient heat.	Defer project and continue to pay higher energy costs and reduce the service life of the heating system.	Savings realized through reduced utility consumption and associated costs, as well as reduced maintenance costs and prolonged service life of the heating system.	\$20,400 2116-STF

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FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	University Grand Ledge Garage City: Lansing County: Eaton	GAR-1 Garage	Replace windows with energy efficient product.	Existing windows are in poor condition and not energy efficient (single pane).	Protection and preservation of building and contents. Reduce energy consumption and associated costs.	Defer project and absorb risk of higher repair or replacement costs. Continue to pay higher utility costs.	Preventive maintenance investment will mitigate risk to structure and building contents. Additional savings realized in the reduction of energy consumption and associated costs.	\$18,600 2116-STF
2016	Southwest Jones Garage City: Jones County: Cass	SSB-3 Salt/Sand Storage	Paint exterior.	Stain showing extreme wear and is no longer protecting wood.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$18,200 2116-STF
2016	Lansing Fleet Administration & Operations City: Lansing County: Ingham	HSB-1 Heated Storage	Paint exterior, service doors, door frames, and awnings. Repair gutters.	Current paint is peeling on awnings, siding, doors, and door frames. Gutters are in poor condition.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$18,200 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Southwest Sawyer Garage City: Sawyer County: Berrien	SSB-3 Salt/Sand Storage	Paint T1-11 siding.	Paint is chipping, fading, and peeling.	Protection and preservation of building structure and contents.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$17,800 2116-STF
2016	Southwest Jones Garage City: Jones County: Cass	SSB-1 Salt/Sand Storage	Paint/stain exterior.	Paint is chipping, fading and peeling.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$17,700 2116-STF
2016	Southwest Southwest Region Office City: Kalamazoo County: Kalamazoo	REG-1 Region Office	Clean efflorescence on exterior brick and apply sealant.	Scale efflorescence on brick causing the brick to spall.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$17,500 2116-STF

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2016	Superior St. Ignace Garage City: St. Ignace County: Mackinac	SSB-2 Salt/Sand Storage	Paint exterior T1-11 siding and fascia boards.	Paint is chipping, fading, and peeling.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$17,500 2116-STF
2016	University Adrian Garage City: Adrian County: Lenawee	CSB-1 Cold Storage	Paint exterior of building.	Exterior paint is peeling in many locations and is not providing proper protection to the building's masonry.	Protection and preservation of building structure and contents.	Defer project and risk further moisture penetration.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$16,800 2116-STF
2016	Southwest Kalamazoo Garage City: Kalamazoo County: Kalamazoo	GAR-1 Garage	Replace windows with energy efficient product.	Windows are impaired and inefficient.	Protection and preservation of building and contents. Reduced energy consumption and associated costs.	Defer project and absorb risk of costly structural and content damage. Absorb higher utility costs.	Preventive maintenance investment will mitigate risk to structure and building contents. Additional savings realized in the reduction of energy consumption and associated costs.	\$15,900 2116-STF

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2016	University Mason Garage City: Mason County: Ingham	CSB-1 Cold Storage	Paint exterior of cold storage building.	Cold storage building paint is peeling and needs replacement.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$15,400 2116-STF
2016	Superior Crystal Falls TSC City: Crystal Falls County: Iron	TST-1 Testing Lab	Tuck point and paint exterior of the building.	Exterior wall and paint beginning to deteriorate.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$13,600 2116-STF
2016	University Adrian Garage City: Adrian County: Lenawee	HSB-1 Heated Storage	Paint exterior of building.	Exterior paint is peeling in many locations and is not providing proper protection to the steel building.	Preserve and protect structural integrity of building.	Defer project and absorb risk of further deterioration which will require replacing steel panels.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$12,000 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Bay Clare Welcome Center City: Clare County: Clare	STE-1 Site	Mill and resurface ramps and parking area.	Parking lot and ramp pavement is beginning to deteriorate.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement base can be salvaged if repaired before pavement condition deteriorates further.	Asset management approach to facilities and pavement resulting in a life cycle savings. This facility supports Michigan tourism.	\$321,500 2116-STF
2016	University Jackson Testing Lab and Surveys City: Jackson County: Jackson	STE-1 Site	Fill in loading area and pave. Add new fencing and rail. Rework canopy.	Loading dock is unsafe, inefficient, and does not drain well.	Safe loading area for delivering products and materials.	Defer project and absorb risk of increased cost of repair at a later time.	A safe and secure environment for personnel and visitors.	\$87,200 2116-STF
2016	Southwest Fennville Garage City: Fennville County: Allegan	CSB-1 Cold Storage	Repair metal panel. Blast and paint exterior wall and metal roof trim.	Metal structure is starting to rust with approximately 75% of the bottom 2 ft. of structure showing severe rust.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$81,200 2116-STF

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2016	Southwest Jones Garage City: Jones County: Cass	CSB-1 Cold Storage	Replace metal wall and roof panels.	Metal roof and siding are showing visible signs of deterioration and no longer provide protection to structure.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$68,200 2116-STF
2016	Southwest Niles Garage City: Niles County: Cass	SSB-1 Salt/Sand Storage	Install T1-11 siding.	Paint has difficulty adhering to the wood due to salt leaching. Paint has chipped away exposing raw wood.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$63,700 2116-STF
2016	University Mason Garage City: Mason County: Ingham	SSB-2 Salt/Sand Storage	Install metal siding.	Existing siding is in poor condition with peeling paint.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$48,600 2116-STF

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2016	Grand Grand Region Maintenance Crews City: Grand Rapids County: Kent	STE-1 Site	Automate gate on west side of parking area and add card reader consistent with existing region system (Video Tec Tronics).	Present gate is a large manually operated gate. Due to its size it requires regular maintenance. In addition, consultants and construction staff require off-hour access to the building. An automatic gate with a card reader will provide better access management and control.	Safe and secure site.	No viable alternative.	Better stewardship of facility assets and improved security.	\$28,000 2116-STF
2016	University Grand Ledge Garage City: Lansing County: Eaton	SSB-2 Salt/Sand Storage	Install new ventilation system.	Current ventilation system is no longer operational.	Air quality enhanced while reducing the volume of soot impeding on building mechanical systems.	No viable alternative.	Protection of personnel, mechanical systems, and compliance with MIOSHA standards.	\$11,500 2116-STF
2016	Superior Engadine Maintenance Garage City: Engadine County: Mackinac	GAR-2 Garage	Replace in-ground floor hoist.	Hoist requires frequent repairs and is not suited for lifting tandem trucks.	Maintain daily operations through less down time, and saved expense of repeated emergency repairs to existing hoist.	Defer project and absorb risk of costly repairs and operational down time.	Savings realized by providing safe and reliable equipment.	\$153,000 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	University Jackson TSC City: Jackson County: Jackson	STE-1 Site	Reconstruct drive back to administration building with 5" of HMA. Mill and fill 1.5" in the car parking area.	Existing 0.3' to 0.4' of HMA over gravel.	Protective surface on which maintenance vehicles and equipment will operate.	Pavement resurfacing was considered. Further investigation of pavement found condition to be deteriorated beyond salvage.	Improved operations from a smooth transportation surface.	\$152,200 2116-STF
2016	University Grand Ledge Garage City: Lansing County: Eaton	GAR-1 Garage	Paint exterior.	Paint is deteriorating and no longer providing structural protection.	Protection and preservation of building structure and contents.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk to structure and building contents.	\$71,900 2116-STF
2016	Southwest Coldwater Training Facility City: Coldwater County: Branch	SSB-2 Salt/Sand Storage	Install new siding and trim.	Existing siding is faded/weathered and no longer providing adequate protection.	Protection and preservation of building structure and contents.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$71,200 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2016	Southwest Jones Garage City: Jones County: Cass	SSB-2 Salt/Sand Storage	Paint exterior.	Paint is peeling. Salt has leached through wood so paint will not stick.	Protection and preservation of building structure and contents.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk to structure and building contents.	\$35,200 2116-STF
2016	Southwest Fennville Garage City: Fennville County: Allegan	SSB-1 Salt/Sand Storage	Paint exterior and reskin.	Paint is peeling. Salt has leached through wood so paint will not stick.	Protection and preservation of building structure and contents.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk to structure and building contents.	\$34,300 2116-STF
2016	Southwest Coloma Garage City: Benton Harbor County: Berrien	GAR-1 Garage	Paint exterior and tuck point.	Exterior paint showing signs of wear.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$29,100 2116-STF

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2016	Southwest Niles Garage City: Niles County: Cass	GAR-1 Garage	Insulate walls.	Walls have low thermal resistance and require insulation to increase thermal properties.	Reduced energy consumption. Provide uniform and efficient heat.	Defer project and continue to pay higher energy costs and reduce the service life of the heating system.	Savings realized through reduced utility consumption and associated costs, as well as reduced maintenance costs and prolonged service life of the heating system.	\$20,400 2116-STF
2016	University Mason Garage City: Mason County: Ingham	SSB-2 Salt/Sand Storage	Paint exterior.	Paint is deteriorating and no longer providing structural protection.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$17,900 2116-STF
2016	University Williamston Garage City: Williamston County: Ingham	CSB-1 Cold Storage	Paint exterior and interior.	Paint is deteriorating and no longer providing structural protection.	Preserve and protect structural integrity of building.	Defer project and absorb risk of costly structural and content damage.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$14,400 2116-STF

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2016	Metro Detroit Garage City: Detroit County: Wayne	GAR-1 Garage	Replace floor in mechanic's bay and add adequate drainage structures.	The existing floor in the mechanic's bay regularly floods and retains standing water during heavy rains and snow melts. The standing water needs to be swept away to alleviate the hazardous situation.	Protection and preservation of building structure and contents.	No viable alternative.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$95,200 2116-STF
2016	Southwest Coldwater Welcome Center City: Coldwater County: Branch	WCT-1 Welcome Center	Drill additional well.	Currently there is not enough pressure at peak times. Current well will not support fire suppression system.	Maintenance of facility will be improved. Protection of facility will be improved.	Continue with insufficient pressure.	Improved safety for personnel and visitors. This facility supports Michigan tourism.	\$80,400 2116-STF
2016	Southwest Fennville Garage City: Fennville County: Allegan	GAR-1 Garage	Install exhaust hose and reels.	There are no exhaust hoses at this facility. The existing fans were not intended for this type of facility and only remove a limited amount of exhaust fumes, posing a safety concern.	Enhanced air quality and less soot impeding on building mechanical systems.	No viable alternative.	Protection of personnel, mechanical systems, and compliance with MIOSHA standards.	\$78,800 2116-STF

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2016	Southwest Coldwater Welcome Center City: Coldwater County: Branch	WCT-1 Welcome Center	Replace security gate.	The gate has deteriorated and requires frequent repair.	Safe and secure site.	Absorb cost of short-term costly repairs.	Better stewardship of facility assets and improved security.	\$54,400 2116-STF
2016	Bay Clare Welcome Center City: Clare County: Clare	STE-1 Site	Replace parking lot lighting including foundations and underground electric.	Parking lot lighting foundations are deteriorated and underground electric has numerous splices and is unreliable.	Asset management approach to facilities and pavement resulting in a life cycle savings.	No viable alternative.	Asset management approach to facilities and pavement resulting in a life cycle savings.	\$510,500 2116-STF
2016	Southwest Hastings Garage City: Hastings County: Barry	GAR-1 Garage	Upgrade electrical system and install new energy efficient lighting system.	Lighting is not sufficient for operations and is not energy efficient. Upgraded electrical system required for modern lighting fixtures.	Improved operations as a result of improved lighting.	Defer project and absorb high energy consumption and associated costs.	Improved operations and a reduction in energy consumption and associated costs.	\$173,600 2116-STF

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2016	Southwest Kalamazoo Garage City: Kalamazoo County: Kalamazoo	GAR-1 Garage	Upgrade electrical system and install new energy efficient lighting system.	Lighting is not sufficient for operations and is not energy efficient. Upgraded electrical system required for modern lighting fixtures.	Improved operations as a result of improved lighting.	Defer project and absorb high energy consumption and associated costs.	Improved operations and a reduction in energy consumption and associated costs.	\$143,800 2116-STF
2016	University Grand Ledge Garage City: Lansing County: Eaton	CSB-1 Cold Storage	Install heating system.	Cold storage building is currently being used as an expanded garage operation due to insufficient space in the existing maintenance garage building.	Workspace better suited for personnel and equipment.	No viable alternative.	More efficient operations.	\$64,800 2116-STF
2016	Metro Ford/Wyoming Salt Storage Building City: Dearborn County: Wayne	STE-1 Site	Replace fence and gates.	Fence and gates are deteriorating.	Safe and secure site.	No viable alternative.	Better stewardship of facility assets and improved security.	\$52,100 2116-STF

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2016	Southwest Jones Garage City: Jones County: Cass	GAR-2 Garage	Upgrade electrical system and install new energy efficient lighting system.	Lighting is not sufficient for operations and is not energy efficient. Upgraded electrical system required for modern lighting fixtures.	Improved operations as a result of improved lighting.	Defer project and absorb high energy consumption and associated costs.	Improved operations and a reduction in energy consumption and associated costs.	\$40,700 2116-STF
2016	Superior Houghton Garage City: Calumet County: Houghton	GAR-1 Garage	Vertical concrete supporting trench drain framing is failing. Work requires cutting out entire drain and reforming new trench drain.	Concrete under the garage floor drain angle framing is failing in heavy traffic area.	Protection and preservation of building structure and contents.	Repairing only sections of the drain framing was initially proposed. Further investigation revealed the drains vertical walls are deficient along the entire drain.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$33,100 2116-STF
2016	University University Region Maintenance Crews City: Jackson County: Jackson	STE-1 Site	Remove and replace fencing.	Existing fence is in poor condition.	Safe and secure site.	No viable alternative.	Better stewardship of facility assets and improved security.	\$25,200 2116-STF

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2016	Southwest Sawyer Garage City: Sawyer County: Berrien	SSB-2 Salt/Sand Storage	Design and construct a 3,200 sq. ft. lean-to.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	Protect materials and equipment from the elements. Corrosion repair work to various equipment will be greatly reduced.	Continue to store materials and equipment outside and unprotected from the elements. This alternative was rejected due to high cost of replacing purchased assets.	Cost savings are realized by protecting purchased assets, securing materials and equipment in alignment with warranty, and affording the opportunity to order materials in bulk at reduced cost.	\$67,200 2116-STF
2016	Statewide City: Various County: Various	SSB-1 Salt/Sand Storage	Design and construct MDOT and/or Contract Agency salt/sand storage facilities with secondary containment, or construct secondary containment for an existing facility.	Many of the salt/sand storage facilities are no longer safe to operate due to years in operation. Other facilities are within the service life period but are not in compliance with DEQ secondary containment requirements.	Safe and efficient facilities which are in compliance with environmental laws, rules, and regulations.	Each project is evaluated on an individual basis to determine if alternatives are available.	Adequate facilities to support state trunkline operations which are in compliance with all environmental standards.	\$1,000,000 2116-STF

FY 2016 SPECIAL MAINTENANCE TOTAL

\$6,514,200

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2017	Bay Saginaw East Garage City: Saginaw County: Saginaw	STE-1 Site	Resurface internal driveways, excluding main driveway and parking lot (Phase 2 of 2).	Internal driveways have visible areas of broken/missing asphalt which collect water and accelerate further deterioration. This facility supports road maintenance operations and has frequent heavy equipment traffic.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement can be salvaged if repaired before pavement condition deteriorates further.	Significant savings by performing a mill and resurface in lieu of complete rehab and replacement.	\$852,400 2116-STF
2017	Metro Detroit Garage City: Detroit County: Wayne	STE-1 Site	Correct drainage along east side of building and site.	Water pools along east side of building due to improper site drainage. Early signs of structure damage due to water pooling against foundation.	Improved site drainage and long-term preservation of building asset.	No viable alternative.	Savings realized by avoiding costly structural repairs; preserve existing asset and building contents.	\$336,500 2116-STF
2017	Superior Houghton Garage City: Calumet County: Houghton	STE-1 Site	Install site fencing, security gate, and fuel storage building.	Fence is in poor condition. There is no existing gate to secure site, and exterior lighting is inadequate for operational and security purposes.	Identify and secure property lines.	No viable alternative to protect investment in materials, equipment and building structures.	Provide deterrence from theft, vandalism, or injury.	\$87,800 2116-STF

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2017	University Dundee Welcome Center City: Petersburg County: Monroe	STE-1 Site	Lagoon lift gates need to be replaced.	Lift gates are broken and inoperable.	The facility will remain open and available for traveling public.	Existing lift gates have deteriorated beyond the point of repair. Therefore, an alternative solution is not applicable.	The facility will remain open and available for traveling public.	\$64,000 2116-STF
2017	University Grand Ledge Garage City: Lansing County: Eaton	STE-1 Site	Install new electronic slide gate.	The existing gate is manually operated and is near the end of its service life. Security consists of a chain and simple lock that is easily defeated by a thief.	More efficient operation with an automatic gate and a higher level of security with a card reader system.	Leave as is. Eventually the gate will need to be replaced and it will continue to have a low level of security with just a gate and simple lock.	Higher level of security for state owned assets.	\$46,900 2116-STF
2017	Metro Pelham Yard Salt Storage Building City: Allen Park County: Wayne	STE-1 Site	Correct site drainage.	Southwest corner of site and area behind salt shed are retaining water.	Improved drainage.	No viable alternative.	Better stewardship of facility assets.	\$41,400 2116-STF

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2017	University Brighton Garage City: Brighton County: Livingston	STE-1 Site	Install new electronic slide entry gate.	Currently there is an old swinging style gate to close off the garage area north of Grand River.	Electronic gate will create a higher level of security for materials and equipment stored in this area. It will also increase our efficiency due to speed of operation.	Leave as is which will result in lower security and less efficient operation.	Higher level of security and more efficient operations.	\$37,300 2116-STF
2017	Grand Grand Rapids Garage City: Grand Rapids County: Kent	GAR-1 Garage	Automate east gate to parking area and add card reader consistent with existing region system (Video Tec Tronics).	Present gate is a large gate and due to size regularly requires maintenance.	Safe and secure site.	No viable alternative.	Reduced cost of maintenance.	\$30,000 2116-STF
2017	Metro Detroit Garage City: Detroit County: Wayne	STE-1 Site	Correct poor drainage in the parking lot, south side, and west side of site.	The existing site has poor drainage which ponds and floods.	Proper drainage for long-term protection of pavement.	No viable alternative.	Preventive maintenance will mitigate risk of costly pavement repair.	\$0 2116-STF Formal scope and cost estimation in progress.

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2017	Metro Blue Water Bridge Plaza City: Port Huron County: St. Clair	TLB-1 Toll Booth	Replace the canopy lighting at the toll booths.	Existing lighting needs replacement and is not utilizing energy efficient fixtures.	Safe plaza operations.	No viable alternative.	Proper toll booth lighting replacement will reduce the use of resources for continual maintenance and reduce the energy lighting costs and usage.	\$0 2118-BWB Formal scope and cost estimation in progress.
2017	University Grand Ledge Garage City: Lansing County: Eaton	STE-1 Site	Rehabilitate HMA parking lot.	Current parking lot has alligator cracking which demonstrates total pavement failure. If this is addressed soon, the base will be salvageable.	Fully functioning parking lot that requires little maintenance and drains properly.	Leave as is which will result in continual maintenance to fill potholes and maintain drainage. If left in poor condition for too long, we may not be able to salvage the base which will result in much higher costs.	Lower operating costs through rehabilitating pavement at proper time.	\$543,200 2116-STF
2017	University Brighton Garage City: Brighton County: Livingston	STE-1 Site	Mill and resurface existing parking lot and driveways.	The existing pavement is extremely deteriorated. Some areas around the new washbay and HSB3 are gravel and need to be upgraded to hard surface.	Restore pavement to full function and mitigate environmental concerns.	Considered replacement of full pavement structure, including base, but if this project moves forward soon enough we can salvage the base layer.	Lower overall operating costs by applying the correct fix to the parking lot at the right time.	\$514,100 2116-STF

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2017	Southwest New Buffalo Welcome Center City: New Buffalo County: Berrien	STE-1 Site	Rework irrigation system with all new controls and wiring.	Irrigation system no longer works automatically. Wiring has deteriorated and is damaged.	More efficient care of grounds. Improved safety of facility.	No viable alternative.	Provide safer environment for personnel and public.	\$76,400 2116-STF
2017	Southwest Coloma Garage City: Benton Harbor County: Berrien	SSB-1 Salt/Sand Storage	Upgrade lighting system.	Old salt storage building converted to an equipment storage building. Existing lighting and electrical is inadequate for current operations. Insufficient lighting for employees causing a safety concern. Current electrical wiring is antiquated.	Adequate lighting and wiring in alignment with current building codes. Safe work environment for staff. Materials and equipment are protected utilizing existing building for storage in lieu of constructing new building.	Leave building as is and not utilize storage potential.	Provides quicker winter preparedness response. Tax dollars are appropriately used in the protection of existing assets converted for alternative use.	\$60,600 2116-STF
2017	University Grand Ledge Garage City: Lansing County: Eaton	GAR-1 Garage	Replace lighting system.	Lighting is insufficient for operations and not as energy efficient as modern systems.	Improved lighting and better energy efficiency.	Leave as is, resulting in less than optimal working conditions and continued poor energy efficiency.	Better stewardship of facility assets and financial resources.	\$38,900 2116-STF

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2017	University Mason Garage City: Mason County: Ingham	GAR-1 Garage	Replace lighting system.	Lighting is insufficient for operations and not as energy efficient as modern systems.	Improved lighting and better energy efficiency.	Leave as is, resulting in less than optimal working conditions and continued poor energy efficiency.	Better stewardship of facility assets and financial resources.	\$29,200 2116-STF
2017	Southwest Coldwater Training Facility City: Coldwater County: Branch	STE-1 Site	Replace bituminous pavement.	Pavement is in extremely poor condition with large pot holes and excessive cracking throughout the site. This facility supports road maintenance operations and has frequent heavy equipment traffic.	Protective surface on which maintenance vehicles and equipment will operate.	Pavement resurfacing was considered. Further investigation of pavement found condition to be deteriorated beyond salvage.	Improved operations from a smooth transportation surface.	\$431,900 2116-STF
2017	Superior Engadine Maintenance Garage City: Engadine County: Mackinac	STE-1 Site	Repair sections of existing chain link fence, and replace missing sections. Install new double gate with ID card security system.	Existing chain link fence requires spot locations of repair and replacement. Inadequate right of way fencing on the east property line presents access control concerns.	Identify and secure property lines.	No viable alternative to protect investment in materials, equipment, and building structures.	Provide deterrence from theft, vandalism, or injury.	\$155,900 2116-STF

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2017	University Grand Ledge Garage City: Lansing County: Eaton	GAR-1 Garage	Install drains in mechanic's area.	Water is pooling resulting in accelerated deterioration of the concrete floor.	Provide improved working conditions and compliance with health and safety regulations.	No viable alternative.	Savings realized through the protection of existing assets and personnel.	\$61,700 2116-STF
2017	University Williamston Garage City: Williamston County: Ingham	STE-1 Site	Install new aluminum slide gate, replace 550 ft. of fence, including posts, fabric and 3 strand barbed wire top and arm supports. Replace 400 ft. of 3 strand barbed wire top and arm supports.	South side fencing and gate on the west side of building are in poor condition.	Identify and secure property lines.	No viable alternative.	Provide deterrence of theft, vandalism, or personal injury.	\$38,100 2116-STF
2017	Superior Ironwood Welcome Center City: Ironwood County: Gogebic	WCT-1 Welcome Center	Replace handrails at ramp and steps.	Handrails do not meet current ADA guidelines and are deteriorating.	Aluminum railings will not deteriorate and require no maintenance.	Replace with galvanized railing. Salt on ramp and walk will eventually deteriorate vertical post bases.	Provide long-term safe support for public ingress and egress to the Welcome Center and bathrooms.	\$24,100 2116-STF

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2017	University Brighton Garage City: Brighton County: Livingston	STE-1 Site	Replace fence along east side of property.	Along the east portion of property line, fencing is either deteriorated or completely missing.	Identify and secure property lines.	No viable alternative.	Provide deterrence of theft, vandalism, or personal injury.	\$21,500 2116-STF
2017	Superior St. Ignace Garage City: St. Ignace County: Mackinac	STE-1 Site	Install security system at gate (including fence replacement), paging system and ID card entrance. Install 6 new perimeter lights and replace 9 existing units.	Existing site fence condition and entrance gates enable the potential of unauthorized access to the facility as well as safety concerns. Exterior site lighting is inadequate and presents opportunities for site vandalism and theft of property.	Preserve security of grounds and reduce potential damage to buildings, property, work force and prevent unnecessary repair and replacement costs.	Existing site fence and entrance gates have deteriorated beyond the point of reasonable repair costs with no viable alternative. Absorb risk of poor fencing and null security. Inadequate site lighting will continue.	By reducing or eliminating potential vandalism, theft, and bodily injury, there will be a cost savings to tax payers by reducing or eliminating potential replacement costs and lawsuits.	\$282,400 2116-STF
2017	University Grand Ledge Garage City: Lansing County: Eaton	SSB-3 Salt/Sand Storage	Replace two (2) existing single-wall brine tanks.	Current single-wall brine tanks are old and do not have proper containment as required by code.	Fully operational brine tanks that meet code which requires secondary containment.	Construct containment around the existing tanks. Concrete containment walls are expensive and the current tanks are nearing the end of their service life and will need to be replaced soon anyways.	Code compliant facilities.	\$144,900 2116-STF

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2017	University Charlotte Garage City: Charlotte County: Eaton	GAR-1 Garage	Replace lighting system.	Lighting is insufficient for operations and not as energy efficient as modern systems.	Improved lighting and better energy efficiency.	Leave as is, resulting in less than optimal working conditions and continued poor energy efficiency.	Better stewardship of facility assets.	\$37,200 2116-STF
2017	Lansing Fleet Administration & Operations City: Lansing County: Ingham	GAR-1 Garage	Replace all Fleet Administration and Operations Office fluorescent light fixtures with efficient fixtures and install night light timer in front office area.	Current four foot fluorescent light fixtures are T-12 and are very inefficient and half of the fixtures in front office remain on for night security due to the way they are wired to the switches.	Increased efficiency and improved lighting conditions.	Alternative is to leave as is and continue to pay higher utility bills.	Increased efficiency. Reduced energy costs.	\$34,400 2116-STF
2017	Southwest Plainwell Garage City: Plainwell County: Allegan	STE-1 Site	Mill and resurface parking lot and drives.	Existing pavement has deteriorated to unacceptable conditions showing signs of large cracks and potholes.	Protective surface for maintenance vehicles and equipment to operate.	Defer project and absorb risk of damage to structure and contents.	Improved operations from a smooth transportation surface.	\$335,600 2116-STF

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2017	Southwest South Haven Garage City: South Haven County: Van Buren	GAR-2 Garage	Tuck point, paint exterior, and paint interior.	Interior and exterior paint is peeling and worn.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$133,000 2116-STF
2017	Southwest Southwest Region Office City: Kalamazoo County: Kalamazoo	REG-1 Region Office	Install T8 ballast and lights to replace T12 that have not yet been changed.	Replace old T12 lights with new T8 electronic fluorescent fixtures.	Cost savings in utility bills and maintenance.	Leave as is and allow increased utility costs.	Reduction in energy consumption.	\$62,000 2116-STF
2017	University Jackson Testing Lab and Surveys City: Jackson County: Jackson	GAR-1 Garage	Replace all T12 lighting with energy efficient T8 lighting.	The existing lighting is insufficient for operations, is nearing the end of its life and is not energy efficient.	Improved lighting and better energy efficiency.	Leave as is, resulting in less than optimal working conditions and continued poor energy efficiency.	Reduced operational costs and more efficient working conditions.	\$56,300 2116-STF

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2017	Superior L'Anse Maintenance Garage City: L'Anse County: Baraga	GAR-1 Garage	Remove and replace existing concrete floor slab.	Cracks in the slab have allowed water to penetrate to the rebar causing ferrous oxide. The resulting ferrous oxide is popping/cracking concrete slabs.	Replacing existing concrete floor slab reduces risk of employee injuries and also helps maintain investment.	Repairing and patching the existing concrete floor slab was a considered alternate, but due to the amount of patch and repair work involved, it would be just as costly and aesthetically unpleasing.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$47,900 2116-STF
2017	Metro Brush Street Garage City: Detroit County: Wayne	GAR-1 Garage	Replace and install new Vinyl Composition Tile (VCT) through entire office area.	Current tile and painted floor is significantly worn.	Improved flooring.	Defer project and absorb risk of damage to structure and contents.	Better stewardship of facility assets.	\$44,500 2116-STF
2017	University Mason Garage City: Mason County: Ingham	SSB-1 Salt/Sand Storage	Install efficient fluorescent lighting in SSB-1.	Existing heated storage building lighting is inefficient metal halide.	Improved lighting and energy savings due to improved efficiency.	Leave as is and continue to pay higher than necessary energy costs.	Reduced energy costs for facility.	\$30,000 2116-STF

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2017	University Williamston Garage City: Williamston County: Ingham	SSB-2 Salt/Sand Storage	Replace sodium lighting inside salt storage building.	Inefficient/dated lighting.	Improved lighting and energy savings dues to improved efficiency.	Leave as is and continue to pay higher than necessary energy costs.	Reduced energy costs for facility.	\$23,300 2116-STF
2017	University Mason Garage City: Mason County: Ingham	CSB-1 Cold Storage	Install efficient fluorescent lighting in CSB-1.	Existing cold storage building lighting is inefficient metal halide.	Improved lighting and energy savings dues to improved efficiency.	Leave as is and continue to pay higher than necessary energy costs.	Reduced energy costs for facility.	\$14,400 2116-STF
2017	University Grand Ledge Garage City: Lansing County: Eaton	GAR-1 Garage	Install in-ground hoist for tandem-axle trucks.	Need hoist to lift tandem trucks. Currently the garage is equipped with 2 sets of portable hoists.	Hoist operations appropriate for all service types.	The alternatives is to outsource vehicle maintenance operations at a greater cost to the taxpayer.	Cost-efficient capital assets required to support MDOT core functions.	\$214,300 2116-STF

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2017	University Brighton Garage City: Brighton County: Livingston	GAR-1 Garage	Concrete floor restoration.	The existing concrete floor in the main garage is very old with numerous cracks and surface spalling. Because the surface is not sealed it is difficult to clean.	Preserve and protect the existing floor from further deterioration and improve ability to clean the garage.	Leave as is which will result in further deterioration of floor and earlier replacement.	Reduction in operating costs because performing this work will extend the life of the floor and avoid costly patching or replacement.	\$138,000 2116-STF
2017	University Brighton Garage City: Brighton County: Livingston	HSB-2 Heated Storage	Replace floor drain.	Existing drain is failing.	Functional drain.	No viable alternative.	Better stewardship of facility assets.	\$23,100 2116-STF
2017	North Mackinaw City Welcome Center City: Mackinaw City County: Emmet	WCT-1 Welcome Center	Make outside restrooms ADA accessible.	Not accessible to all of our customers.	Improved access for ADA customers.	No viable alternative.	Allows more access to our facility assets.	\$16,200 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2017	Superior St. Ignace Garage City: St. Ignace County: Mackinac	CSB-4 Cold Storage	Demolish old 1950 salt/sand storage facility. Design and construct 4,800 sq. ft. replacement cold storage facility.	Existing building was constructed in 1950. After 60 years the building is beyond desirable service life, and in need of costly repair. Replacement is needed to provide adequate storage space for material and equipment.	Materials and equipment are protected from the elements, and are not compromised due to improper storage.	There are no alternatives. The existing building is not desirable for continued use.	Cost savings are realized by protecting purchased assets, securing material and equipment, and affording the opportunity to order materials in bulk at reduced cost.	\$643,100 2116-STF
2017	Statewide City: Various County: Various	SSB-1 Salt/Sand Storage	Design and construct MDOT and/or Contract Agency salt/sand storage facilities with secondary containment, or construct secondary containment for an existing facility.	Many of the salt/sand storage facilities are no longer safe to operate due to years in operation. Other facilities are within the service life period but are not in compliance with DEQ secondary containment requirements.	Safe and efficient facilities which are in compliance with environmental laws, rules, and regulations.	Each project is evaluated on an individual basis to determine if alternatives are available.	Adequate facilities to support state trunkline operations which are in compliance with all environmental standards.	\$1,000,000 2116-STF

FY 2017 SPECIAL MAINTENANCE TOTAL

\$6,772,500

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CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2018 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Bay Clare Welcome Center City: Clare County: Clare	STE-1 Site	Remove existing lagoon and remove/replace picnic tables and place porous pavement.	Picnic tables are in poor condition and need replacement and lagoon needs to be removed as it is no longer required.	Asset management approach to facilities and pavement resulting in a life cycle savings.	No viable alternative.	Asset management approach to facilities and pavement resulting in a life cycle savings.	\$99,500 2116-STF
2018	Superior Houghton Garage City: Calumet County: Houghton	SSB-1 Salt/Sand Storage	Design and construct a 4,250 sq. ft. lean-to.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced shelf-life.	Protection and preservation of building structure and contents.	Continue storing equipment and materials in an unprotected environment. This alternative was rejected due to high replacement cost.	Cost savings are realized by protecting purchased assets, securing materials and equipment, and affording the opportunity order materials in bulk at reduced cost.	\$513,900 2116-STF
2018	Metro M-102 - US-24 Salt Storage Building City: Detroit County: Wayne	STE-1 Site	Remove remaining pavement, perform necessary earthwork and install new pavement (6" HMA) with 6" aggregate base and 10" subbase.	Pavement has deteriorated beyond surface level repair, and there are several areas where no pavement remains. This facility supports road maintenance operations and has frequent heavy equipment traffic.	Protective surface on which maintenance vehicles and equipment will operate.	Pavement is deteriorated beyond salvage and resurfacing would be a more costly solution due to short term benefits.	Improved operations from a smooth surface.	\$135,100 2116-STF

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FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Metro Ford/Wyoming Salt Storage Building City: Dearborn County: Wayne	STE-1 Site	Remove remaining pavement, perform necessary earthwork, and install new pavement (6" HMA) with 6" aggregate base and 10" subbase.	Existing pavement has deteriorated to unacceptable conditions with large cracks and potholes. This facility supports road maintenance operations and has frequent heavy equipment traffic.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing base can be salvaged if repaired before pavement condition deteriorates further.	Significant savings by performing a mill and resurface in lieu of complete rehab and replacement.	\$131,300 2116-STF
2018	Southwest New Buffalo Welcome Center City: New Buffalo County: Berrien	WCT-1 Welcome Center	Modify three points of entry (vestibule). Two vestibules at 15' x 30' and one at 16' x 27'.	Excessive heat and moisture trapped in vestibule area.	Decrease temperature and humidity levels.	No viable alternative.	Better stewardship of facility assets.	\$69,000 2116-STF
2018	University Williamston Garage City: Williamston County: Ingham	GAR-1 Garage	Paint garage interior.	Paint peeling, scaling needs replacement.	Building will be sealed from moisture, thus protecting the integrity of the block walls.	Leave as is which will result in further damage to the interior walls and ultimately to costly roof repair.	Reduced operating costs due to effectively addressing this issue before there is serious damage to the block walls.	\$58,200 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Southwest Paw Paw Garage City: Paw Paw County: Van Buren	GAR-1 Garage	Paint interior walls of garage, parts room, washbay and boiler room. Repair source of leaks before painting.	Paint is showing signs of significant wear. The east wall of the boiler room and west wall of parts room have water damage due to leaking chimney.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$56,200 2116-STF
2018	Grand Grand Region Maintenance Crews City: Grand Rapids County: Kent	SPC-1 Maintenance Crews	Paint interior surfaces.	Paint is showing signs of deterioration, including peeling and chipping.	Protected wall surface and structural integrity.	Absorb risk of not taking action and allow further deterioration.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$52,300 2116-STF
2018	Metro Detroit Garage City: Detroit County: Wayne	GAR-1 Garage	Replace the existing metal halide lighting fixtures inside the garage with electronic fluorescent fixtures.	The existing lights are inefficient.	Reduced energy consumption and associated costs.	No viable alternative.	By replacing the existing fixtures energy and cost efficiencies maybe realized.	\$34,000 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	University Charlotte Garage City: Charlotte County: Eaton	GAR-1 Garage	Paint the interior ceiling of garage.	Paint is peeling in the interior washbay area and throughout the garage. Of particular concern is the fact that trucks are washed inside the building so the ceiling is exposed to very high levels of moisture.	Ceiling will be sealed from moisture, thus protecting the integrity of the roof system.	Leave as is which will result in further damage to the ceiling and ultimately to costly roof repair.	Reduced operating costs due to effectively addressing this issue before there is serious damage to the roof system.	\$34,000 2116-STF
2018	University Mason Garage City: Mason County: Ingham	GAR-1 Garage	Install efficient fluorescent lighting.	Existing garage lighting is inefficient metal halide.	Improved lighting and energy savings dues to improved efficiency.	Leave as is and continue to pay higher than necessary energy costs.	Reduced energy costs for facility.	\$32,400 2116-STF
2018	Southwest Marshall TSC City: Marshall County: Calhoun	TSC-1 Transportation Service Center	Replace carpet in original part of building.	Carpet is getting worn.	New carpet will provide cleaner and safer environment for employees and visiting public.	Leaving as-is to continue deteriorating can lead to potential trip hazards.	Proper management of State assets.	\$26,500 2116-STF

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FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Southwest Coldwater Training Facility City: Coldwater County: Branch	GAR-1 Garage	Renovate/upgrade restrooms, offices, windows, and entrance to meet ADA and operational needs.	Built as maintenance garage and in need of update for use as public training facility. Bathroom sinks/urinals are original. Automated gasoline monitoring system still remains.	Adequate training facility which is ADA compliant.	Continue present operations.	ADA compliant facility. Use of natural resource and associated costs will be reduced.	\$340,500 2116-STF
2018	Metro Metro Region Office City: Southfield County: Oakland	REG-1 Region Office	Remove and replace carpet throughout office.	Existing carpet is showing signs of wear and deterioration.	New carpet should reduce preventive maintenance costs associated with cleaning and repair.	No viable alternative.	Proper management of State assets.	\$87,000 2116-STF
2018	Grand Grand Region Office City: Grand Rapids County: Kent	REG-1 Region Office	Replace carpeting.	Carpet is showing visible signs of wear. There are several weak spots at risk of tearing and creating a trip hazard.	Safe environment for staff and the public. Improved aesthetics.	Absorb risk of economic loss due to injury by taking no action.	Increased safety for staff and the public reducing potential for economical loss due to injury.	\$75,800 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Southwest New Buffalo Welcome Center City: New Buffalo County: Berrien	WCT-1 Welcome Center	Recarpet floors in public area.	Carpet is worn, as this is one of the highest traffic Welcome Centers in the State (averaging 1,323,565 visitors per year). The carpet is worn and fraying in spots causing tripping hazards (safety concern).	Tax dollars are appropriately used in the protection of existing assets and personnel at a site utilized by visitors entering the state.	No viable alternative.	Enables continued use of building. Protects safety of personnel and visitors, and provides a positive image for tourism in the state.	\$24,000 2116-STF
2018	Southwest New Buffalo Welcome Center City: New Buffalo County: Berrien	WCT-1 Welcome Center	Update ADA restroom stalls (family restroom).	Only the front restroom (men/women's) has a handicapped stall. Other men/women's restroom is not fully accessible. No room for wheelchair next to toilet.	Tax dollars are appropriately used for the safety of visitors entering the state.	Add signage to indicate only one ADA restroom exists; however, the distance to the restroom will pose difficulties for handicapped visitors.	Protects safety of personnel and visitors entering the state.	\$23,200 2116-STF
2018	Metro Blue Water Bridge Plaza City: Port Huron County: St. Clair	STE-1 Site	Resurface existing parking lot and expand existing parking lot.	The existing parking lot pavement is in bad condition. It needs to be resurfaced. Along with this, the existing parking lot is inadequately sized for the amount of vehicles that park at the Administration and Inspection facilities.	Smooth surface on which vehicles, equipment, and personnel will operate.	No viable alternative.	Proper parking lot surface replacement will reduce the use of resources for continual maintenance. Additionally, if more spaces are provided the facility can be used in a more efficient manner.	\$0 2118-BWB Formal scope and cost estimation in progress.

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FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Metro Metro Region Office City: Southfield County: Oakland	STE-1 Site	Crack seal, seal coat and restore the existing parking lot.	The existing lot is beginning to show signs of deterioration.	Smooth surface in parking lot with no potential safety hazards.	No viable alternative.	Proper pavement surface replacement will reduce the use of resources for continual maintenance and future pavement repairs.	\$0 2116-STF
2018	University Grand Ledge Garage City: Lansing County: Eaton	GAR-1 Garage	Design and construct a new maintenance garage.	The current garage is very old, with an outdated design that is too small for the current staff. There are a significant amount of projects that need to be completed to repair problems and update the building.	More efficient crew operations. Reduced overall operating costs.	Leave garage as is. This will continue to result in inefficient operations and there will be continual investment in fixing the numerous issues at this facility.	Reduced overall operating costs through better crew efficiency with a modern facility and through reduced overhead costs with a new facility.	\$0 2116-STF Formal scope and cost estimation in progress.
2018	Southwest Kalamazoo Garage City: Kalamazoo County: Kalamazoo	STE-1 Site	Repave entire area.	Pavement is in poor condition with excessive cracking.	Protective surface on which maintenance vehicles and equipment will operate.	Leaving as is will allow the deterioration to continue with potential for higher repair costs.	Improved operations from a smooth transportation surface.	\$1,059,000 2116-STF

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FY 2018 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Superior St. Ignace Garage City: St. Ignace County: Mackinac	SSB-2 Salt/Sand Storage	Design and construct lean-to on existing salt shed.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	Protect materials and equipment from the elements. Corrosion repair work to various equipment will be greatly reduced.	Continue to store various materials and equipment outside and unprotected from the elements. This alternative was rejected due to high material and equipment replacement cost.	Cost savings are realized by protecting purchased assets, securing material and equipment, and affording the opportunity to order materials in bulk at reduced cost.	\$513,900 2116-STF
2018	University Charlotte Garage City: Charlotte County: Eaton	STE-1 Site	Mill and replace existing bituminous pavement.	Existing 0.3' to 0.4' of HMA over gravel. Recommended fix is to reconstruct with 5" of HMA and place ultra thin over the rest of the lot. Mill and fill 1.5" in the car parking area.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing base can be salvaged if repaired before pavement condition further deteriorates.	Improved operations from a smooth transportation surface.	\$499,300 2116-STF
2018	Superior Gladstone Sign & Signal Shop City: Gladstone County: Delta	CSB-1 Cold Storage	Construct a 3,125 sq. ft. equipment (cold) storage building.	Inadequate off-season storage available for wood sign posts, signal heads, controller cabinets, and front end loader.	Preserve the State of Michigan's investment in materials and equipment.	Continue to operate with insufficient storage space.	Cost savings are realized by protecting purchased assets, securing material and equipment, and affording the opportunity to order materials in bulk at reduced cost.	\$216,700 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Southwest Sawyer Garage City: Sawyer County: Berrien	SSB-1 Salt/Sand Storage	Convert salt dome to cold storage (revised scope to limit spending).	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	Materials and equipment are protected from the elements, and is not compromised due to improper storage.	Build new building, convert old salt dome, or continue to allow materials and equipment to be exposed to the elements. Conversion of the salt dome would cost significantly less than a new building.	Cost savings are realized by protecting purchased assets, securing material and equipment, and affording the opportunity to order materials in bulk at reduced cost.	\$187,100 2116-STF
2018	Southwest Coloma Garage City: Benton Harbor County: Berrien	GAR-1 Garage	Paint interior.	Interior paint is failing. Paint has faded and is peeling.	Preserve and protect structural integrity.	Absorb risk of not taking action and allow further deterioration.	Preservation of asset; savings in repair costs if done before further deterioration.	\$49,300 2116-STF
2018	Southwest Niles Garage City: Niles County: Cass	SSB-1 Salt/Sand Storage	Convert salt/sand storage building to cold storage, including repairing asphalt floor.	Materials and equipment are exposed to the elements. Exposed materials (including cable barrier materials) and equipment have increased rate of corrosion and reduced service life.	Protect materials and equipment utilizing existing building for storage.	Leave as is allowing continued deterioration of materials.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$33,200 2116-STF

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FY 2018 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Grand Grand Region Office City: Grand Rapids County: Kent	REG-1 Region Office	Paint interior surfaces.	Paint is showing signs of deterioration, including peeling and chipping.	Preserve and protect structural integrity.	Absorb risk of not taking action and allow further deterioration.	Savings in repair costs if done before further deterioration.	\$20,200 2116-STF
2018	Metro Blue Water Bridge Plaza City: Port Huron County: St. Clair	INS-1 Inspection Facility	Replace Mammoth HVAC units on roof.	The current HVAC needs replacement. Existing system is routinely repaired by Blue Water Bridge staff.	Efficient and properly functioning HVAC system.	No viable alternative.	By adequately addressing the heating and cooling of the inspection facility, the need for miscellaneous repairs and reduction in personal heaters/coolers through out the building will save on resources.	\$0 2118-BWB Formal scope and cost estimation in progress.
2018	Southwest Kalamazoo Garage City: Kalamazoo County: Kalamazoo	CSB-1 Cold Storage	Design and construct new 20,000 sq. ft. cold storage building.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	Materials and equipment are protected from the elements, and are not compromised due to improper storage.	No viable alternative.	Cost savings are realized by protecting purchased assets, securing material and equipment, and affording the opportunity to order materials in bulk at reduced cost.	\$428,300 2116-STF

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FY 2018 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Superior Newberry TSC City: Newberry County: Luce	TSC-1 Transportation Service Center	Phase 3 of 3-phase office renovation project to accommodate new staff. Modify remaining offices, restrooms, conference room and storage room to fit office modification done in 2004 and the proposed 2006 Phase 2 improvements.	Remaining areas of TSC need to be completed to match improvements completed under Phase 1 and as proposed for Phase 2.	Improved office efficiency and effective use of office space. Improved services and delivery of the five year and long-range transportation plans.	Continue preventive maintenance and repair.	Cost savings due to more efficient operations.	\$398,000 2116-STF
2018	Southwest Southwest Region Office City: Kalamazoo County: Kalamazoo	STE-1 Site	Mill and replace top course.	Pavement is in poor condition with excessive cracking. The capacity of the lot is not adequate and it fills up when meetings are held.	Protective surface on which maintenance vehicles and equipment will operate.	Leaving as is the pavement will continue to deteriorate. Employees and visitors park in adjacent Park-N-Ride leaving little room for others.	Improved operations from a smooth transportation surface.	\$371,000 2116-STF
2018	Southwest Hastings Garage City: Hastings County: Barry	STE-1 Site	Replace bituminous pavement.	Pavement is in poor condition with excessive cracking.	Preserve and protect structural integrity.	Leaving as is creates greater deterioration and increased repair costs.	Taxes used appropriately to protect existing assets.	\$355,600 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2018	Statewide City: Various County: Various	SSB-1 Salt/Sand Storage	Design and construct MDOT and/or Contract Agency salt/sand storage facilities with secondary containment, or construct secondary containment for an existing facility.	Many of the salt/sand storage facilities are no longer safe to operate due to years in operation. Other facilities are within the service life period but are not in compliance with DEQ secondary containment requirements.	Safe and efficient facilities which are in compliance with environmental laws, rules, and regulations.	Each project is evaluated on an individual basis to determine if alternatives are available.	Adequate facilities to support state trunkline operations which are in compliance with all environmental standards.	\$1,000,000 2116-STF

FY 2018 SPECIAL MAINTENANCE TOTAL \$6,924,500

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Southwest Coldwater Welcome Center City: Coldwater County: Branch	STE-1 Site	Resurface parking lot.	Pavement is in poor condition with excessive cracking.	Protective surface on which maintenance vehicles and equipment will operate.	Defer project and absorb risk of damage to structure, equipment, and vehicles.	Improved operations from a smooth transportation surface.	\$315,000 2116-STF
2019	Metro Blue Water Bridge Plaza City: Port Huron County: St. Clair	INS-1 Inspection Facility	Repair or replace east elevator in the Truck and Cargo Inspection Facility.	East elevator will get stuck about once a month requiring repairs and down time.	Repairing or replacing elevator so it does not require continual intermediate fixes.	No viable alternative.	The building will have a reliable, proper working elevator for employees/visitors providing uninterrupted operations with in the facility.	\$229,300 2118-BWB
2019	Metro Metro Region Maintenance Crews City: Auburn Hills County: Oakland	OFF-1 Office Building	Roof and exterior wall restoration.	The exterior surface is showing signs of significant wear.	Extended building life. Prevention of further structural damage.	No viable alternative.	An improved exterior painted surface that matches the existing building scheme will help protect the building from normal wear and tear, inclement weather and minor physical damage.	\$30,800 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Metro Brush Street Garage City: Detroit County: Wayne	GAR-1 Garage	Remove and install two (2) new overhead door systems.	The existing overhead doors are in poor condition and require frequent maintenance.	Increased operational efficiency as a result of properly functioning doors.	No viable alternative.	Proper building feature replacements will reduce the use of resources for continual maintenance.	\$23,100 2116-STF
2019	Southwest Niles Garage City: Niles County: Cass	STE-1 Site	Install bituminous pavement to/from building and create truck parking area.	No pavement to/from site areas. Lack of pavement creates environmental concern, no protection from spilled contaminants	Protective surface on which maintenance vehicles and equipment will operate.	Defer project and absorb risk of damage to structure and contents.	Improved operations from a smooth transportation surface.	\$216,000 2116-STF
2019	Bay Saginaw East Garage City: Saginaw County: Saginaw	STE-1 Site	Removal of 44,600 cubic yards of foundry sand from site.	Removal of contaminated material from site.	Leave pile of foundry sand as is.	No viable alternative.	Clean environment and no threats to drinking water or loss of habitat.	\$2,284,000 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Metro Brush Street Garage City: Detroit County: Wayne	GAR-1 Garage	New corrugated metal roof for the garage/office building.	Corrugated metal roof is showing signs of deterioration.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$205,300 2116-STF
2019	Southwest Coloma Garage City: Benton Harbor County: Berrien	STE-1 Site	Cold mill HMA pavement and pave 2" (north portion).	Pavement is in poor condition with excessive cracking on the north side of the site.	Protective surface on which maintenance vehicles and equipment operate.	Defer project and absorb risk of damage to structure, vehicles, and equipment.	Improved operations from a smooth transportation surface.	\$196,000 2116-STF
2019	Southwest Niles Garage City: Niles County: Cass	SSB-3 Salt/Sand Storage	Design and construct 4,000 sq. ft. lean-to on SSB-3.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	Protection and preservation of building structure and contents.	Defer project and absorb risk of damage to structure and contents.	Preventive maintenance investment will mitigate risk of structural and building content damage.	\$186,300 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	North Mackinaw City Welcome Center City: Mackinaw City County: Emmet	CSB-1 Cold Storage	Demolish old sheds (2), design and construct new 1,280 sq. ft. storage building.	Existing storage buildings are in need of repair and do not provide adequate storage.	New storage building will provide adequate storage for brochures, supplies and maintenance equipment.	Defer project and absorb risk of damage to structure and contents.	Ability to store sufficient brochure information for distribution to MDOT's tourist needs and promotion of Michigan tourism.	\$85,600 2116-STF
2019	Southwest Marshall TSC City: Marshall County: Calhoun	TSC-1 Transportation Service Center	Repave parking lot	Large areas of broken asphalt collect water which accelerates further deterioration. Heavy equipment and traffic patterns have degraded the asphalt, particularly in areas for employee vehicles and areas where there is heavy truck and vehicle traffic.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement base can be salvaged if repaired before pavement condition deteriorates further.	Improved operations from a smooth transportation surface.	\$172,700 2116-STF
2019	Metro Brush Street Garage City: Detroit County: Wayne	GAR-1 Garage	Replace existing exhaust fan system.	The existing exhaust fan system is in very poor condition and there is no ventilation supply air provided in the garage.	Healthier work environment for employees.	No viable alternative.	Proper building feature replacements will reduce the use of resources for continual maintenance.	\$70,300 2116-STF

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Superior L'Anse Maintenance Garage City: L'Anse County: Baraga	STE-1 Site	Cold mill and replace pavement.	Existing pavement has deteriorated to poor conditions showing signs of large cracks.	Protective surface on which maintenance vehicles and equipment will operate.	Defer project and absorb risk of damage to structure, vehicles, and equipment.	Improved operations from a smooth transportation surface.	\$85,900 2116-STF
2019	Metro Blue Water Bridge Plaza City: Port Huron County: St. Clair	OFF-1 Office Building	Replace Mammoth HVAC units on roof.	The current HVAC needs replacement. Existing system is routinely repaired by Blue Water Bridge staff.	Fully functional HVAC system, reduced resource consumption.	No viable alternative.	By adequately addressing the heating and cooling of the inspection facility, the need for miscellaneous repairs and reduction in personal heaters/coolers through out the building will save on resources.	\$0 2118-BWB Formal scope and cost estimation in progress.
2019	Metro Blue Water Bridge Plaza City: Port Huron County: St. Clair	INS-1 Inspection Facility	Repair electrical systems in inspection building.	Inspection building electrical system is in poor condition.	Properly functioning electrical system requiring less maintenance and reduced likelihood of power outages.	No viable alternative.	By adequately addressing the electrical system, continual maintenance by Blue Water Bridge staff will be reduced. Also, the likelihood of complete power outages will be reduced.	\$0 2118-BWB Formal scope and cost estimation in progress.

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FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Southwest Coloma TSC City: Benton Harbor County: Van Buren	STE-1 Site	Replace bituminous pavement.	Pavement is in poor condition with excessive cracking.	Protective surface on which maintenance vehicles and equipment will operate.	Defer project and absorb risk of damage to structure, vehicles, and equipment.	Improved operations from a smooth transportation surface.	\$82,900 2116-STF
2019	University University Region Office City: Jackson County: Jackson	STE-1 Site	Crack seal all cracks and reseal entire surface.	Existing pavement has numerous cracks.	Restore pavement to full function and mitigate further deterioration.	Leave as is and allow the pavement to continue to deteriorate.	Lower overall operating costs by applying the correct fix to the parking lot at the right time.	\$31,600 2116-STF
2019	Metro Port Huron Garage City: Port Huron County: St. Clair	GAR-1 Garage	Construct a lean-to on the south side of the maintenance garage.	Insufficient equipment storage.	Improved storage, providing better protection of equipment from weather.	No viable alternative.	Better stewardship of facility assets.	\$132,000 2116-STF

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FY 2019 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Metro Metro Region Maintenance Crews City: Auburn Hills County: Oakland	STE-1 Site	1.5" HMA mill and resurface of existing pavement on site.	Pavement has been patched to a point where it feasibly makes sense to complete an overall surface repair to the entire site in order to extend the life of the existing pavement.	Protective surface on which maintenance vehicles and equipment will operate.	Defer project and absorb risk of damage to structure, equipment, and vehicles.	Improved operations from a smooth transportation surface.	\$119,800 2116-STF
2019	Superior St. Ignace Garage City: St. Ignace County: Mackinac	STE-1 Site	Reconstruct existing parking lot areas, internal roads and driveways.	Pavement has deteriorated with large cracking and areas of missing pavement. This facility supports road maintenance operations and has frequent heavy equipment and heavy truck use, parking and long-term storage of materials.	Protective surface on which maintenance vehicles and equipment will operate.	Full rehab and replacement was considered; further investigation revealed existing pavement base can be salvaged if reconstructed before existing pavement condition deteriorates further.	Improved operations from a smooth transportation surface.	\$568,100 2116-STF
2019	North Reed City Garage City: Reed City County: Osceola	CSB-1 Cold Storage	Design and construct 20,000 sq. ft. cold storage building.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	Materials and equipment are protected from the elements, and are not compromised as a result of improper storage.	Continue to store materials and equipment and risk theft, damage, or voidance of warranty.	Cost savings are realized by protecting purchased assets, securing materials and equipment, and affording the opportunity to order materials in bulk at reduced cost.	\$441,200 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2019 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Southwest Sawyer Garage City: Sawyer County: Berrien	STE-1 Site	Pave areas to west and south of salt dome.	Areas to west and south of salt dome are gravel (unpaved).	Protective surface on which maintenance vehicles and equipment will operate.	Defer project and absorb risk of damage to structure, vehicles, and equipment.	Improved operations from a smooth transportation surface.	\$254,800 2116-STF
2019	Southwest Paw Paw Garage City: Paw Paw County: Van Buren	STE-1 Site	Cold mill and replace pavement.	Existing pavement has deteriorated to unacceptable conditions showing signs of large cracks and potholes.	Protective surface on which maintenance vehicles and equipment will operate.	Defer project and absorb risk of damage to structure, equipment, and vehicles.	Improved operations from a smooth transportation surface.	\$203,500 2116-STF
2019	Southwest Southwest Region Office City: Kalamazoo County: Kalamazoo	OFF-1 Office Building	Replace ONAN backup generator.	The generator for this facility has failed multiple times in two years. This facility has an elevator and as a result a functional generator is required to supply power during an outage.	Backup power supply to operate building elevator.	The generator has been serviced several times. However, the system is antiquated and parts are difficult to obtain and very costly.	Public safety and compliance with Michigan building code rules and regulations.	\$58,400 2116-STF

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2019 SPECIAL MAINTENANCE PROJECTS**

FY	Bureau/Region Location	Building/ Facility	Brief Scope Work	Current Condition	Performance Outcome	Alternatives	Benefit to Taxpayer	Project Cost/ Fund Source
2019	Superior Engadine Maintenance Garage City: Engadine County: Mackinac	GAR-2 Garage	Install generator for backup power supply.	No alternatives during emergency situations.	Emergency response issues can be addressed. The garage is at the end of a power transmission line which has been prone to lose power during adverse weather conditions.	No viable alternative.	Provides necessary preparedness. Reduced potential for liability and lost production.	\$41,800 2116-STF
2019	Superior Newberry TSC City: Newberry County: Luce	STE-1 Site	Reconstruct parking lot and restore surface drainage with improvements.	Large cracking and areas of missing pavement. Improper drainage allows water to pool accelerating pavement deterioration. Current parking spaces are inadequate. Some cracking.	Protective surface on which maintenance vehicles and equipment will operate.	Defer project and absorb risk of damage to structure and contents.	Improved operations from a smooth transportation surface.	\$173,100 2116-STF
2019	Statewide City: Various County: Various	SSB-1 Salt/Sand Storage	Design and construct MDOT and/or Contract Agency salt/sand storage facilities with secondary containment, or construct secondary containment for an existing facility.	Many of the salt/sand storage facilities are no longer safe to operate due to years in operation. Other facilities are within the service life period but are not in compliance with DEQ secondary containment requirements.	Safe and efficient facilities which are in compliance with environmental laws, rules, and regulations.	Each project is evaluated on an individual basis to determine if alternatives are available.	Adequate facilities to support state trunkline operations which are in compliance with all environmental standards.	\$1,000,000 2116-STF

FY 2019 SPECIAL MAINTENANCE TOTAL \$7,207,500

**Michigan Department of Transportation
Capital Outlay Five-Year Program (2015-2019)
Facility Assessment Overview**

Region Bureau-Div	Facility Name	Ownership	Assessment Year	Inspection Date	Major Capital
Bay	Bay City TSC	Own	2011	04/11/2011	
Bay	Bay Region Maintenance Crews	Own	2011	04/13/2011	
Bay	Bay Region Office	Own	2011	04/14/2011	
Bay	Clare Welcome Center	Own	2013	04/30/2013	
Bay	Davison TSC	Own	2011	04/11/2011	
Bay	Mt. Pleasant Garage (Shared with Mt. Pleasant TSC)	Own	2011	04/12/2011	
Bay	Mt. Pleasant TSC (Shared with Mt. Pleasant Garage)	Own	2011	04/12/2011	
Bay	Saginaw East Garage	Own	2011	04/13/2011	
Bay	Saginaw West Garage	Own	2011	04/14/2011	
Bay	Zilwaukee Bridge Maintenance Facility	Own	2011	04/05/2011	
Grand	Grand Rapids Garage	Own	2011	04/07/2011	
Grand	Grand Rapids TSC	Lease-Private	N/A	N/A	2018
Grand	Grand Region Maintenance Crews	Own	2011	04/07/2011	
Grand	Grand Region Office	Own	2011	04/07/2011	2018
Grand	Muskegon TSC	Own	2011	04/12/2011	2016
Lansing	Aeronautics Administration and Operations (Shared with Lansing TSC)	Own	2011	04/04/2011	
Lansing	Construction Field Services (formerly C&T)	Lease-DTMB	N/A	N/A	
Lansing	Fleet Administration & Operations	Own	2011	04/18/2011	
Lansing	Nixon Warehouse	Own	2011	04/18/2011	
Lansing	Operations Field Services (formerly Division of Operations)	Own	2011	04/04/2011	
Lansing	Van Wagoner Building	Lease-DTMB	N/A	N/A	
Lansing	Warehouse/Secondary	Lease-DTMB	N/A	N/A	
Metro	Blue Water Bridge Plaza	Own	2013	04/30/2013	
Metro	Brush Street Garage	Own	2013	05/15/2013	
Metro	Caniff-Greeley Salt Storage Building	Own	2013	05/07/2013	2017
Metro	Detroit Garage	Own	2013	05/22/2013	
Metro	Detroit Operations and Service Center	Own	2013	05/16/2013	
Metro	Detroit Welcome Center	Lease-Private	N/A	N/A	
Metro	Ford/Wyoming Salt Storage Building	Own	2013	05/09/2013	
Metro	M-102 - US-24 Salt Storage Building	Own	2013	05/09/2013	
Metro	Macomb-St. Clair TSC	Lease-Private	N/A	N/A	2019
Metro	Metro Region Maintenance Crews	Own	2010	05/19/2010	
Metro	Metro Region Office	Own	2013	05/08/2013	
Metro	Metro Testing Lab	Lease-Private	N/A	N/A	
Metro	Oakland TSC	Own	2013	05/06/2013	
Metro	Pelham Yard Salt Storage Building	Own	2013	05/13/2013	
Metro	Port Huron Garage	Own	2013	04/30/2013	
Metro	Port Huron Project Office (Temporary)	Own	2013	05/24/2013	
Metro	Port Huron Welcome Center (Demolished. Temporary facility located at Capac Safety Rest Area.)	Own	2013	04/29/2013	
Metro	Sterling Heights Office Building (Property for sale)	Own	2010	04/23/2010	
Metro	Taylor TSC	Own	2013	05/13/2013	
North	Alpena TSC	Lease-Private	N/A	N/A	
North	Atlanta Garage	Own	2011	04/19/2011	
North	Cadillac TSC	Own	2011	04/14/2011	
North	Gaylord TSC (Shared facility with North Region Office)	Own	2011	04/20/2011	
North	Hillman Testing Lab	Own	2011	04/19/2011	
North	Kalkaska Garage	Own	2011	04/20/2011	
North	Mackinaw City Welcome Center	Own	2013	04/23/2013	
North	Marion Garage	Own	2011	04/18/2011	

Michigan Department of Transportation
Capital Outlay Five-Year Program (2015-2019)
Facility Assessment Overview

Region Bureau-Div	Facility Name	Ownership	Assessment Year	Inspection Date	Major Capital
North	Mio Garage	Own	2011	04/13/2011	
North	North Region Maintenance Crews	Own	2011	04/14/2011	
North	North Region Office (Shared facility with Gaylord TSC)	Own	2011	04/20/2011	
North	Reed City Garage	Own	2011	04/18/2011	
North	Traverse City TSC	Lease-Private	N/A	N/A	2018
Pass Trans	Benton Harbor Bus Terminal	Own	2013	04/01/2013	
Pass Trans	Detroit Bus Terminal	Own	2013	05/16/2013	
Pass Trans	Mio OCATS (Oscoda County Area Transp Specialist)	Own	2013	04/16/2013	
Pass Trans	New Center Rail Terminal (Property is MDOT-Owned; Building is not MDOT-Owned)	Lease	N/A	N/A	
Pass Trans	Pontiac Bus/Rail Terminal	Own	2013	05/06/2013	
Pass Trans	Southfield Bus Terminal	Own	2013	05/08/2013	
Southwest	Coldwater Training Facility	Own	2012	04/18/2012	
Southwest	Coldwater Welcome Center	Own	2013	04/01/2013	
Southwest	Coloma Garage	Own	2012	04/03/2012	2017
Southwest	Coloma TSC	Own	2012	04/03/2012	
Southwest	Fennville Garage	Own	2012	04/05/2012	
Southwest	Hastings Garage	Own	2012	04/12/2012	2018
Southwest	Jones Garage	Own	2012	04/04/2012	2017
Southwest	Kalamazoo Garage	Own	2012	04/10/2012	
Southwest	Kalamazoo TSC	Own	2012	04/02/2012	
Southwest	Marshall Garage	Own	2012	04/17/2012	
Southwest	Marshall TSC	Own	2012	04/23/2012	
Southwest	New Buffalo Welcome Center	Own	2013	04/02/2013	
Southwest	Niles Garage	Own	2012	04/16/2012	
Southwest	Paw Paw Garage	Own	2012	04/11/2012	
Southwest	Plainwell Garage	Own	2012	04/11/2012	
Southwest	Sawyer Garage	Own	2012	04/16/2012	2017, 2018
Southwest	South Haven Garage	Own	2012	04/19/2012	2017 (2), 2018 (2)
Southwest	Southwest Region Maintenance Crews	Own	2012	04/02/2012	
Southwest	Southwest Region Office	Own	2012	04/24/2012	
Superior	Covington Storage	Own	2012	04/24/2012	
Superior	Crystal Falls TSC	Own	2012	04/26/2012	
Superior	Engadine Garage	Own	2012	04/10/2012	
Superior	Gladstone Sign & Signal Shop	Own	2012	04/11/2012	
Superior	Houghton Garage	Own	2012	04/25/2012	
Superior	Iron Mountain Welcome Center	Lease-Private	N/A	N/A	
Superior	Ironwood Welcome Center	Own	2013	05/01/2013	2019
Superior	Ishpeming TSC	Own	2012	04/24/2012	
Superior	L'Anse Garage	Own	2012	04/25/2012	
Superior	Marquette Welcome Center	Own	2013	04/30/2013	
Superior	Menominee Welcome Center	Own	2013	05/02/2013	
Superior	Newberry TSC	Own	2012	04/10/2012	
Superior	St. Ignace Garage	Own	2012	04/09/2012	
Superior	St. Ignace Welcome Center	Own	2013	04/23/2013	2019
Superior	Sault Ste. Marie Welcome Center	Own	2013	04/24/2013	2019
Superior	Superior Region Office	Own	2012	04/11/2012	
University	Adrian Garage	Own	2013	05/28/2013	
University	Brighton Garage	Own	2013	04/10/2013	
University	Brighton TSC	Lease-Private	N/A	N/A	
University	Charlotte Garage	Own	2013	04/03/2013	2019
University	Dundee Welcome Center	Own	2013	05/28/2013	2019
University	Grand Ledge Garage	Own	2013	04/04/2013	2018
University	Jackson Testing Lab and Surveys	Own	2013	04/09/2013	
University	Jackson TSC	Own	2013	04/09/2013	

Michigan Department of Transportation
Capital Outlay Five-Year Program (2015-2019)
Facility Assessment Overview

Region	Bureau-Div	Facility Name	Ownership	Assessment Year	Inspection Date	Major Capital
University		Lansing TSC (Shared with Aeronautics)	Own	N/A	N/A	2018
University		Mason Garage	Own	2013	04/11/2013	
University		Monroe Welcome Center	Own	2013	05/23/2013	
University		University Region Maintenance Crews	Own	2013	04/09/2013	
University		University Region Office	Own	2013	04/09/2013	
University		Williamston Garage	Own	2013	04/08/2013	

N/A: Leased locations are not assessed.

2012 FACILITY ASSESSMENT

Crystal Falls TSC

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Schoff, Brad	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
120 Tobin-Alpha Rd, Crystal Falls MI 49920	Iron	(906) 875-6644	(906) 875-6264	38.00	04/26/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		18	6,300 SQ FT	Fully Utilized	06/09/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	3	ELECTRICAL UTILITY	Crystal Falls, City of	Adequate
SITE REGULATORY COMPLIANCE	Adequate	0	GAS UTILITY (if present)	DTE (includes MichCon)	Adequate
	RATING	0	WATER UTILITY	Crystal Falls Township	Adequate
		3	SEWAGE UTILITY	Crystal Falls Township	Adequate
PARKING/PAVING		3			
DRAINAGE		3			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	6,300	2001	\$1,543,500	Wood.	Brick and vinyl.	Wood and shingle.
HSB-1	Heated Storage	Heated Storage	3,060	1966	\$278,460	Steel and block.	Block.	Metal with membrane.
TST-1	Testing Lab	Testing Lab	4,800	1962	\$840,000	Steel.	Metal.	Metal.
CSB-1	Cold Storage	Cold Storage	1,408	1970	\$128,128	Steel.	Wood.	Wood with shingle.
TOTAL COMPLEX SQ FT			15,568					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
TSC-1	Adequate	Adequate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TST-1	Adequate	Adequate	3	3	3	5	3	3	3	5	3	3	3	3	3	3	0
HSB-1	Adequate	Adequate	3	4	3	4	3	3	3	4	3	0	3	3	3	3	0
CSB-1	Inadequate	NA	3	3	3	0	0	3	0	0	0	0	0	0	0	0	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Superior - Crystal Falls TSC

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	TST-1	Tuck point and paint exterior of the building.	Exterior wall and paint beginning to deteriorate.	\$13,600
Special Maintenance Total:				\$13,600

Assessment Rating:

0 = NOT APPLICABLE (N/A)
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 2 = GOOD (Annual and Preventive Maintenance)

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 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Engadine Garage

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, John	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
N7045 M-117, Engadine MI 49827	Mackinac	(906) 477-6323	(906) 477-1065	6.00	04/10/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		9	3,726 SQ FT	Fully Utilized	01/21/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	0	ELECTRICAL UTILITY	Electrical	Adequate
SITE REGULATORY COMPLIANCE	Adequate	4	GAS UTILITY (if present)	Natural Gas	Adequate
		4	WATER UTILITY	Well	Adequate
		3	SEWAGE UTILITY	Septic	Adequate
PARKING/PAVING	4				
DRAINAGE	3				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	3,200	1959	\$569,600	Steel.	Block masonry.	Metal.
GAR-2	Garage	Garage	16,533	1970	\$2,942,874	Steel.	Masonry.	Metal membrane.
SSB-1	Salt/Sand Storage	Salt/Sand Storage	7,200	1993	\$655,200	Concrete and wood.	Concrete and wood.	Wood shingle.
CSB-1	Cold Storage	Cold Storage	4,800	2002	\$436,800	Wood.	Metal.	Wood shingle.
TOTAL COMPLEX SQ FT			31,733					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Adequate	3	4	3	3	3	3	2	2	3	0	3	3	3	2	0
GAR-2	Adequate	Inadequate	3	3	3	3	3	3	3	3	3	2	2	4	3	2	0
SSB-1	Adequate	NA	3	4	3	0	0	4	3	0	0	0	3	0	3	3	0
CSB-1	Adequate	NA	2	4	2	0	0	2	2	0	0	0	2	0	2	2	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS**Superior - Engadine Maintenance Garage****Special Maintenance**

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	GAR-2	Replace in-ground floor hoist.	Hoist requires frequent repairs and is not suited for lifting tandem trucks.	\$153,000
2017	STE-1	Repair sections of existing chain link fence, and replace missing sections. Install new double gate with ID card security system.	Existing chain link fence requires spot locations of repair and replacement. Inadequate right of way fencing on the east property line presents access control concerns.	\$155,900
2019	GAR-2	Install generator for backup power supply.	No alternatives during emergency situations.	\$41,800
Special Maintenance Total:				\$350,700

Assessment Rating:

0 = NOT APPLICABLE (N/A)
1 = EXCELLENT (Annual Maintenance per Schedule)
2 = GOOD (Annual and Preventive Maintenance)

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4 = POOR (Worn; Significant Maintenance or Repair)
5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

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2012 FACILITY ASSESSMENT

Gladstone Sign & Signal Shop

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, John	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
816 Clark Drive, Gladstone MI 49837	Delta	(906) 428-9322	(906) 428-3152	2.00	04/11/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Sign/Signal Operations	Materials Testing/Survey Operations	8	4,000 SQ FT	Fully Utilized	06/10/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	Gladstone, City of	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	3	WATER UTILITY	Municipal	Gladstone, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Gladstone, City of	Adequate
		IRRIG SYS	3				
PARKING/PAVING	3						
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TST-1	Testing Lab	Testing Lab	2,400	2010	\$420,000	Wood	Vinyl	Wood and Shingle
SGN-1	Sign Shop	Sign Shop	4,000	2001	\$700,000	Wood.	Vinyl.	Wood shingle.
SMS-1	Signal Shop	Signal Shop	1,560	2003	\$273,000	Wood.	Vinyl.	Wood Shingle.
TOTAL COMPLEX SQ FT			7,960					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
TST-1	Adequate	Inadequate	2	2	2	2	2	2	2	2	2	0	2	2	2	2	0
SGN-1	Adequate	Adequate	3	3	3	3	3	3	3	3	3	0	3	3	3	3	0
SMS-1	Adequate	Adequate	3	3	3	3	3	3	3	3	3	0	3	3	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

Superior - Gladstone Sign & Signal Shop

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2018	CSB-1	Construct a 3,125 sq. ft. equipment (cold) storage building.	Inadequate off-season storage available for wood sign posts, signal heads, controller cabinets, and front end loader.	\$216,700
Special Maintenance Total:				\$216,700

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3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
4 = POOR (Worn; Significant Maintenance or Repair)
5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Houghton Garage

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Schoff, Brad	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
51750 Industrial Drive, Calumet MI 49913	Houghton	(906) 483-3937	(906) 483-3997	12.00	04/25/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		15	1,500 SQ FT	Fully Utilized	04/05/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Ontonagon County REA	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	0	GAS UTILITY (if present)	Natural Gas	SEMCO	Adequate
		SECURITY	0	WATER UTILITY	Municipal	Houghton County Memorial Airport	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Houghton County Memorial Airport	Adequate
		IRRIG SYS	3				
PARKING/PAVING	3						
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	19,000	2008	\$3,382,000	Masonry steel.	Metal and masonry.	Metal.
SSB-1	Salt/Sand Storage	Salt/Sand Storage	23,328	2004	\$2,122,848	Concrete and wood.	Concrete and wood.	Wood shingles.
TOTAL COMPLEX SQ FT			42,328					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Adequate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SSB-1	Adequate	NA	3	3	3	0	0	3	3	0	0	0	3	0	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Superior - Houghton Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	GAR-1	Replace overhead washbay door.	Washbay door has deteriorated and requires frequent costly repair.	\$15,800
2016	GAR-1	Vertical concrete supporting trench drain framing is failing. Work requires cutting out entire drain and reforming new trench drain.	Concrete under the garage floor drain angle framing is failing in heavy traffic area.	\$33,100
2017	STE-1	Install site fencing, security gate, and fuel storage building.	Fence is in poor condition. There is no existing gate to secure site, and exterior lighting is inadequate for operational and security purposes.	\$87,800
2018	SSB-1	Design and construct a 4,250 sq. ft. lean-to.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced shelf-life.	\$513,900
Special Maintenance Total:				\$650,600

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Ishpeming TSC

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Schoff, Brad	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
100 S. Westwood Dr., Ishpeming MI 49849	Marquette	(906) 485-4270	(906) 485-4878	4.00	04/24/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		29	3,667 SQ FT	Fully Utilized	06/08/2010
SITE ASSESSMENT					
	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY Electrical	Upper Peninsula Power Company (UPPCO)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 0	GAS UTILITY (if present) Natural Gas	SEMCO	Adequate
	RATING	SECURITY 0	WATER UTILITY N/A		Adequate
PARKING/PAVING 3		LIGHTING 3	SEWAGE UTILITY N/A		Adequate
DRAINAGE 3		IRRIG SYS 3			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	6,133	1992	\$1,502,585	Wood.	Masonry and vinyl.	Wood and shingle.
TST-1	Testing Lab	Heated Storage	625	1992	\$109,375	Wood.	Vinyl.	Wood and shingle.
CSB-1	Cold Storage	Cold Storage	900	2009	\$81,900	Wood	Vinyl	Shingle
TOTAL COMPLEX SQ FT			7,658					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
TSC-1	Adequate	Adequate	2	2	2	2	2	3	0	2	2	0	2	2	2	2	2
TST-1	Adequate	Adequate	3	3	3	3	3	5	3	3	3	0	3	3	3	3	0
CSB-1	Adequate	NA	2	2	2	2	0	2	2	2	0	0	2	0	2	2	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

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<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
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Total:

Assessment Rating:

0 = NOT APPLICABLE (N/A)
1 = EXCELLENT (Annual Maintenance per Schedule)
2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
4 = POOR (Worn; Significant Maintenance or Repair)
5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

L'Anse Garage

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Schoff, Brad	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
301 Winter Street, L'Anse MI 49946	Baraga	(906) 524-6124	(906) 524-5624	3.00	04/25/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		18	2,829 SQ FT	Fully Utilized	04/05/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	L'Anse, Village of	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	SEMCO	Adequate
		SECURITY	3	WATER UTILITY	Municipal	L'Anse, Village of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	L'Anse, Village of	Adequate
PARKING/PAVING	2	IRRIG SYS	3				
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	21,200	1986	\$3,773,600	Masonry.	EIFS and masonry.	Metal.
GAR-2	Garage	Garage	12,800	2007	\$2,278,400	Steel.	Metal.	Metal.
SSB-1	Salt/Sand Storage	Salt/Sand Storage	12,320	1985	\$1,121,120	Concrete and wood.	Concrete and wood.	Wood and Shingle.
TOTAL COMPLEX SQ FT			46,320					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-2	Adequate	Adequate	2	2	2	0	2	2	2	2	2	2	2	2	2	2	0
SSB-1	Adequate	NA	3	4	3	0	0	5	0	0	0	0	3	0	3	3	0

Assessment Rating:

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 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

Superior - L'Anse Maintenance Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	GAR-1	Replace windows and (12) garage door jambs with energy efficient products.	Broken seals on windows and moisture between glass panes resulting in reduced visibility and reduced insulating values. Ferrous oxide on garage door jambs has caused significant section loss.	\$25,100
2017	GAR-1	Remove and replace existing concrete floor slab.	Cracks in the slab have allowed water to penetrate to the rebar causing ferrous oxide. The resulting ferrous oxide is popping/cracking concrete slabs.	\$47,900
2019	STE-1	Cold mill and replace pavement.	Existing pavement has deteriorated to poor conditions showing signs of large cracks.	\$85,900
Special Maintenance Total:				\$158,900

2012 FACILITY ASSESSMENT

Newberry TSC

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, John	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
14113 M-28, Newberry MI 49868	Luce	(906) 293-5168	(906) 293-3331	1.00	04/10/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		22	5,240 SQ FT	Fully Utilized	06/08/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 0	ELECTRICAL UTILITY	Electrical	Cloverland Electric	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	SEMCO	Adequate
		SECURITY 3	WATER UTILITY	Municipal	Pentland Township	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Pentland Township	Adequate
PARKING/PAVING	4	IRRIG SYS 3				
DRAINAGE	3					

BUILDINGS		TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE					
TSC-1	Transportation Service Center	Transportation Service Center	1972	\$2,756,250	Wood and Masonry	Masonry and EIFS.	Membrane.
CSB-1	Cold Storage	Cold Storage	2011	\$69,888	Wood	Vinyl	Wood and metal.
TOTAL COMPLEX SQ FT		12,018					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
TSC-1	Adequate	Inadequate	3	4	3	1	3	4	3	4	3	0	3	3	3	3	0
CSB-1	Adequate	NA	1	1	1	0	0	1	1	1	0	0	0	0	1	1	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

**UNFUNDED PROJECTS
Superior - Newberry TSC**

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2018	TSC-1	Phase 3 of 3-phase office renovation project to accommodate new staff. Modify remaining offices, restrooms, conference room and storage room to fit office modification done in 2004 and the proposed 2006 Phase 2 improvements.	Remaining areas of TSC need to be completed to match improvements completed under Phase 1 and as proposed for Phase 2.	\$398,000
2019	STE-1	Reconstruct parking lot and restore surface drainage with improvements.	Large cracking and areas of missing pavement. Improper drainage allows water to pool accelerating pavement deterioration. Current parking spaces are inadequate. Some cracking.	\$173,100
Special Maintenance Total:				\$571,100

Assessment Rating:

TSC103 00

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
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2012 FACILITY ASSESSMENT

St. Ignace Garage

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, John	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS		COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE	
500 Ferry Lane, St. Ignace MI 49781		Mackinac	(906) 643-8700	(906) 643-7012	8.61	04/09/2012	
FACILITY FUNCTION	SECONDARY FUNCTION		WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT	
Garage			22	3,100 SQ FT	Fully Utilized	06/07/2010	
SITE ASSESSMENT							
	<u>ADEQUACY</u>		<u>RATING</u>	<u>TYPE</u>	<u>VENDOR</u>	<u>ADEQUACY</u>	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	Cloverland Electric	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	4	GAS UTILITY (if present)	Natural Gas	SEMCO	Adequate
	<u>RATING</u>	SECURITY	4	WATER UTILITY	Municipal	St Ignace, City of	Adequate
PARKING/PAVING	4	LIGHTING	4	SEWAGE UTILITY	Municipal	St Ignace, City of	Adequate
DRAINAGE	3	IRRIG SYS	4				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	13,925	1950	\$2,478,650	Steel.	EIFS, metal, and vinyl.	Metal.
GAR-2	Garage	Garage	7,200	1950	\$1,281,600	Steel.	EIFS and metal.	Metal with ThernaTec Coating.
HSB-1	Heated Storage	Heated Storage	3,720	1950	\$338,520	Metal.	Metal.	Metal.
SSB-1	Salt/Sand Storage	Cold Storage	3,933	1950	\$357,903	Wood.	Wood and metal.	Wood and shingle.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	12,516	1995	\$1,138,956	Concrete and wood.	Wood and concrete.	Wood and asphalt shingles.
CSB-1	Cold Storage	Cold Storage	4,819	1950	\$438,529	Steel.	Metal.	Wood and asphalt shingles.
TOTAL COMPLEX SQ FT			46,113					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Inadequate	3	4	3	3	4	5	4	3	3	3	3	3	3	3	0
GAR-2	Adequate	Inadequate	3	4	3	3	4	3	3	3	3	3	3	3	3	4	0
HSB-1	Adequate	Adequate	3	2	3	1	2	3	3	2	2	0	3	3	3	2	0
SSB-1	Adequate	NA	5	4	4	0	0	4	4	0	0	0	0	0	4	4	0
SSB-2	Adequate	NA	3	4	3	0	0	3	3	0	0	0	3	0	3	3	0
CSB-1	Adequate	NA	3	3	3	0	0	3	4	3	0	0	3	0	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Superior - St. Ignace Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	SSB-2	Paint exterior T1-11 siding and fascia boards.	Paint is chipping, fading, and peeling.	\$17,500
2017	CSB-4	Demolish old 1950 salt/sand storage facility. Design and construct 4,800 sq. ft. replacement cold storage facility.	Existing building was constructed in 1950. After 60 years the building is beyond desirable service life, and in need of costly repair. Replacement is needed to provide adequate storage space for material and equipment.	\$643,100
2017	STE-1	Install security system at gate (including fence replacement), paging system and ID card entrance. Install 6 new perimeter lights and replace 9 existing units.	Existing site fence condition and entrance gates enable the potential of unauthorized access to the facility as well as safety concerns. Exterior site lighting is inadequate and presents opportunities for site vandalism and theft of property.	\$282,400
2018	SSB-2	Design and construct lean-to on existing salt shed.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	\$513,900
2019	STE-1	Reconstruct existing parking lot areas, internal roads and driveways.	Pavement has deteriorated with large cracking and areas of missing pavement. This facility supports road maintenance operations and has frequent heavy equipment and heavy truck use, parking and long-term storage of materials.	\$568,100
Special Maintenance Total:				\$2,025,000

2012 FACILITY ASSESSMENT

Superior Region Office

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, John	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1818 3rd Avenue North, Escanaba MI 49829	Delta	(906) 786-1800	(906) 789-9775	1.00	04/11/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Region Administration		47	11,300 SQ FT	Fully Utilized	09/20/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Escanaba, City of	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY 3	WATER UTILITY	Municipal	Escanaba, City of	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Escanaba, City of	Adequate
PARKING/PAVING	3	IRRIG SYS 3				
DRAINAGE	3					

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
REG-1	Region Office	Region Office	11,300	1999	\$2,768,500	Masonry.	Masonry.	Wood shingle.	
TOTAL COMPLEX SQ FT			11,300						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
REG-1	Adequate	Adequate	2	2	2	2	3	2	0	3	3	0	3	3	3	3	3

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

Facility Not Assessed

2011 FACILITY ASSESSMENT

Alpena TSC

Leased Facility - Not Assessed

BUREAU/REGION North	OWN/LEASE Lease-Private
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

ADDRESS 1540 Airport Rd., Alpena MI 49707	COUNTY Alpena	PHONE NO. (989) 356-2231	FAX NO. (989) 354-4142	SITE ACREAGE	INSPECTION DATE
FACILITY FUNCTION Transportation Service Center	SECONDARY FUNCTION	WORK FORCE 14	ADMIN/EMPLOYEE AREA 6,000 SQ FT	UTILIZATION RATE Fully Utilized	FACILITY ENERGY AUDIT

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS		0	ELECTRICAL UTILITY	Electrical	Presque Isle Electric & Gas
SITE REGULATORY COMPLIANCE	FENCING		0	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)
	SECURITY		0	WATER UTILITY	N/A	
	LIGHTING		0	SEWAGE UTILITY	N/A	
	IRRIG SYS		0			
PARKING/PAVING			0			
DRAINAGE			0			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	6,000	2002	\$1,470,000			
TOTAL COMPLEX SQ FT			6,000					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2011 FACILITY ASSESSMENT

Atlanta Garage

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Schnetzler, Bryan	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
13490 M-32/M-33, Atlanta MI 49709	Montmorency	(989) 785-3514	(989) 785-3750	14.00	04/19/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		20	2,400 SQ FT	Fully Utilized	04/29/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Presque Isle Electric & Gas	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	Presque Isle Electric & Gas	Adequate
		SECURITY	3	WATER UTILITY	Well		Adequate
		LIGHTING	3	SEWAGE UTILITY	Septic		Adequate
		IRRIG SYS	3				
PARKING/PAVING	3						
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	24,780	1968	\$4,410,840	Concrete and Masonry (CMU).	Concrete, Masonry and Metal (painted).	Flat metal.
HSB-1	Heated Storage	Heated Storage	6,000	1985	\$546,000	Metal and Masonry.	CMU (painted).	Metal.
HSB-2	Heated Storage	Heated Storage	7,200	2004	\$655,200	Wood (Pole Barn).	Metal.	Metal.
SSB-1	Salt/Sand Storage	Cold Storage	4,200	1968	\$382,200	Wood plank.	Metal.	Metal.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	14,260	2003	\$1,297,660	Concrete and wood.	Concrete and wood (painted).	Shingle.
WSH-1	Washbay	Washbay	2,250	0	\$393,750	Steel, Masonry, Precast Concrete	Masonry, Precast Concrete	Metal
CSB-1	Cold Storage	Cold Storage	2,400	1998	\$218,400	Wood (Pole Barn).	Metal.	Shingle.
CSB-2	Cold Storage	Heated Storage	2,400	2005	\$218,400	Wood (Pole Barn).	Metal.	Metal.
TOTAL COMPLEX SQ FT			63,490					

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

BUILDING ASSESSMENT

BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Adequate	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0
HSB-1	Adequate	Adequate	3	3	3	0	0	3	3	3	3	0	3	0	3	3	0
HSB-2	Adequate	Adequate	3	2	2	0	3	2	3	3	3	0	3	0	3	3	0
SSB-1	Adequate	NA	3	2	3	0	0	3	0	3	0	0	0	0	0	0	0
SSB-2	Adequate	NA	3	3	3	0	0	3	0	3	0	0	0	0	3	3	0
WSH-1	Adequate	Adequate	3	3	3	0	0	3	4	3	3	3	3	3	3	3	0
CSB-1	Adequate	NA	2	3	3	0	0	4	3	4	0	0	0	0	3	3	0
CSB-2	Adequate	NA	3	2	2	0	3	2	3	3	3	0	3	0	3	3	0

UNFUNDED PROJECTS

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<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
Total:				

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Cadillac TSC

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Schnetzler, Bryan	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
7915 US-131 Hwy., Cadillac MI 49601	Wexford	(231) 775-3487	(231) 775-0301	24.10	04/14/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		15	7,080 SQ FT	Fully Utilized	07/01/2008

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	2	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	0	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	3	WATER UTILITY	Well		Adequate
		LIGHTING	2	SEWAGE UTILITY	Septic		Adequate
		IRRIG SYS	2				
PARKING/PAVING	2						
DRAINAGE	2						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	7,080	2008	\$1,734,600	Wood.	Brick.	Shingles.
TST-1	Testing Lab	Heated Storage	720	2008	\$126,000	Wood.	Brick.	Shingles.
TOTAL COMPLEX SQ FT			7,800					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
TSC-1	Adequate	Adequate	2	3	2	2	2	2	0	2	2	0	0	2	2	2	2
TST-1	Adequate	Adequate	2	2	2	2	2	2	2	2	2	0	2	2	2	2	0

UNFUNDED PROJECTS					
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate	
Total:					

2011 FACILITY ASSESSMENT

Gaylord TSC

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

Shared facility. See North Region Office for building and assessment information. TSC occupies 4,487 sq. ft. of Region Office (REG-1) building.

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1088 M-32 East, Gaylord MI 49735	Otsego	(989) 731-5090	(989) 732-3637	0.00	04/20/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		15	4,487 SQ FT	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	
SITE REGULATORY COMPLIANCE	FENCING	0	GAS UTILITY (if present)	N/A	
	SECURITY	0	WATER UTILITY	N/A	
	LIGHTING	0	SEWAGE UTILITY	N/A	
PARKING/PAVING	IRRIG SYS	0			
RATING					
0					
DRAINAGE					
0					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
-					\$0			
TOTAL COMPLEX SQ FT								

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
-				
Total:				

2011 FACILITY ASSESSMENT

Kalkaska Garage

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Schnetzler, Bryan	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
809 North Birch Street, Kalkaska MI 49646	Kalkaska	(231) 258-5611	(231) 258-2536	9.00	04/20/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		13	1,030 SQ FT	Fully Utilized	11/20/2009

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY 4	WATER UTILITY	Municipal	Kalkaska, City of	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Kalkaska, City of	Adequate
		IRRIG SYS 3				
PARKING/PAVING	3					
DRAINAGE	3					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	20,060	1963	\$3,570,680	Steel frame and CMU.	Painted.	Metal.
TST-1	Testing Lab	Testing Lab	4,288	2008	\$750,400	Wood frame.	Cement board.	Shingle.
SSB-1	Salt/Sand Storage	Heated Storage	4,800	1967	\$436,800	Steel.	Painted.	Steel with rubberized coating.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	12,400	1987	\$1,128,400	Concrete and wood.	Wood (stained).	Shingle.
CSB-1	Cold Storage	Cold Storage	6,000	2010	\$546,000	Steel	Painted	Steel
TOTAL COMPLEX SQ FT			47,548					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Adequate	3	4	3	4	3	3	3	3	3	3	3	3	3	3	0
TST-1	Adequate	Adequate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SSB-1	Adequate	NA	3	3	3	0	3	3	3	3	3	0	0	0	3	3	0
SSB-2	Adequate	NA	3	3	3	0	0	3	0	3	0	0	3	0	3	3	0
CSB-1	Adequate	NA	1	1	1	0	0	1	1	1	0	0	0	0	1	1	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

**UNFUNDED PROJECTS
North - Kalkaska Garage**

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	STE-1	Mill and resurface existing parking lot and driveways.	Pavement has deteriorated to the extent where very little is left. Entire lot in poor condition (4"). This facility supports road maintenance operations and has frequent heavy equipment traffic.	\$241,100
Special Maintenance Total:				\$241,100

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Marion Garage

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Schnetzler, Bryan	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2897 Sixteen Mile Rd, Marion MI 49665	Osceola	(231) 743-6831	(231) 743-9543	12.00	04/18/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		11	2,000 SQ FT	Fully Utilized	02/24/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	3	ELECTRICAL UTILITY	Electrical	Great Lakes Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
	RATING	3	WATER UTILITY	Well		Adequate
PARKING/PAVING	1	3	SEWAGE UTILITY	Septic		Adequate
DRAINAGE	1	3				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	20,000	1974	\$3,560,000	Concrete and Masonry (CMU)	Painted masonry.	Flat with membrane coating.
SSB-1	Salt/Sand Storage	Cold Storage	5,650	1974	\$514,150	Wood plank.	Wood (painted).	Shingle.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	8,064	1992	\$733,824	Concrete, Masonry and Wood.	Concrete and Masonry. T1-11 with Paint.	Shingle.
CSB-1	Cold Storage	Cold Storage	6,400	1994	\$582,400	Concrete and Masonry.	Masonry (Painted).	Flat membrane.
TOTAL COMPLEX SQ FT			40,114					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Adequate	3	3	2	2	1	3	4	3	1	3	3	3	3	1	3
SSB-1	Adequate	NA	3	3	3	0	0	3	5	0	0	0	3	0	3	3	0
SSB-2	Adequate	NA	3	3	3	0	0	3	3	0	0	0	3	0	3	3	0
CSB-1	Adequate	NA	3	3	3	3	0	3	3	3	0	0	3	0	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

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<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
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Total:

Assessment Rating:

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Mio Garage

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Schnetzler, Bryan	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1161 M-72, Mio MI 48647	Oscoda	(989) 826-3663		35.00	04/13/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		5	SQ FT	Fully Utilized	07/13/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
	RATING	3	WATER UTILITY	Well		Adequate
PARKING/PAVING	3	3	SEWAGE UTILITY	Septic		Adequate
DRAINAGE	3	3				

BUILDINGS		TOTAL	OCCUPANCY	ESTIMATED	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	YEAR	REPLACEMENT VALUE			
GAR-1	Garage	Garage	2008	\$2,882,354	Steel and CMU.	CMU, vinyl and steel.	Steel with shingles
SSB-1	Salt/Sand Storage	Salt/Sand Storage	2003	\$1,297,660	Concrete and wood.	Concrete and wood (painted).	Shingle.
TOTAL COMPLEX SQ FT		30,453					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Adequate	2	2	3	2	2	2	3	2	2	2	2	3	2	2	0
SSB-1	Adequate	NA	3	4	3	0	0	3	3	0	0	0	3	0	3	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
-				
Total:				

2011 FACILITY ASSESSMENT

North Region Maintenance Crews

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Schnetzler, Bryan	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
725 Seneca Place, Cadillac MI 49601	Wexford	(231) 775-3581	(231) 775-4632	5.00	04/14/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Crews			SQ FT	Fully Utilized	05/06/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	3	WATER UTILITY	Well		Adequate
		LIGHTING	3	SEWAGE UTILITY	Septic		Adequate
		IRRIG SYS	3				
PARKING/PAVING	3						
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
SPC-1	Maintenance Crews	Maintenance Crews	26,400	1989	\$4,699,200	Concrete and Masonry (CMU)	Steel (painted).	Steel.
CSB-1	Cold Storage	Cold Storage	8,400	2001	\$764,400	Rigid frame steel.	Metal siding.	Steel.
PRJ-1	Project Office	Heated Storage	2,340	1988	\$409,500	Wood.	Vinyl.	Shingle.
TOTAL COMPLEX SQ FT			37,140					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
SPC-1	Adequate	Adequate	3	3	4	3	3	3	3	3	4	3	3	3	3	4	3
CSB-1	Adequate	NA	3	3	3	0	0	3	3	3	0	0	3	0	3	4	0
PRJ-1	Adequate	Inadequate	3	3	3	3	3	2	0	3	3	0	0	3	3	3	0

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

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<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
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Total:

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Schnetzler, Bryan	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

2011 FACILITY ASSESSMENT

North Region Office/ Gaylord TSC

Shared facility. TSC occupies 4,487 sq. ft. of Region Office (REG-1) building.

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1088 M-32 East, Gaylord MI 49735	Otsego	(989) 731-5090	(989) 731-0536	13.00	04/20/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Region Administration	Transportation Service Center	46	14,954 SQ FT	Fully Utilized	11/19/2009

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Great Lakes Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	0	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	3	WATER UTILITY	Well		Adequate
		LIGHTING	3	SEWAGE UTILITY	Septic		Adequate
PARKING/PAVING	3	IRRIG SYS	3				
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
CSB-1	Cold Storage	Cold Storage	768	2009	\$69,888	Wood	Brick, Siding	Shingle
REG-1	Region Office	Region Office/TSC	14,954	2006	\$3,663,730	Wood.	Brick.	Shingle.
TOTAL COMPLEX SQ FT			15,722					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
CSB-1	Adequate	NA	2	2	2	2	0	2	2	2	0	0	0	0	0	2	0
REG-1	Adequate	Adequate	3	3	3	3	3	3	0	3	3	0	3	3	3	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2011 FACILITY ASSESSMENT

Reed City Garage

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Schnetzler, Bryan	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
19424 US-10, Reed City MI 49677	Osceola	(231) 832-5322	(231) 832-9047	10.00	04/18/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		20	1,200 SQ FT	Fully Utilized	04/15/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Great Lakes Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	3	WATER UTILITY	Well		Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Reed City, City of	Adequate
		IRRIG SYS	3				
PARKING/PAVING	5						
DRAINAGE	5						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	20,465	1976	\$3,642,770	Concrete Masonry (CMU)	Brick and paint; EIFS/DryVit	Flat with membrane coating.
SSB-1	Salt/Sand Storage	Salt/Sand Storage	5,650	1976	\$514,150	Wood.	Metal.	Shingle.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	8,064	1991	\$733,824	Concrete and wood.	T1-11, painted.	Shingle.
TOTAL COMPLEX SQ FT			34,179					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Adequate	3	2	1	1	2	2	4	1	1	1	2	3	3	1	0
SSB-1	Adequate	NA	3	1	2	0	0	2	1	1	0	0	3	0	3	3	0
SSB-2	Adequate	NA	3	3	3	0	0	4	4	0	0	0	3	0	3	3	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
North - Reed City Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2019	CSB-1	Design and construct 20,000 sq. ft. cold storage building.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	\$441,200
Special Maintenance Total:				\$441,200

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

Facility Not Assessed

2011 FACILITY ASSESSMENT

Traverse City TSC

Leased Facility - Not Assessed

BUREAU/REGION	OWN/LEASE
North	Lease-Private
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2084 US-31 South, Suite B, Traverse City MI 49684	Grand Traverse	(231) 941-1986	(231) 941-1512		
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		14	5,021 SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS		0	ELECTRICAL UTILITY	Electrical	Consumers Energy
SITE REGULATORY COMPLIANCE	FENCING		0	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)
	SECURITY		0	WATER UTILITY	N/A	
	LIGHTING		0	SEWAGE UTILITY	N/A	
	IRRIG SYS		0			
PARKING/PAVING			0			
DRAINAGE			0			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	5,021	0	\$1,230,145			
TOTAL COMPLEX SQ FT			5,021					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS North - Traverse City TSC

Major Capital				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2018	TSC-1	Design and construct new 8,000 sq. ft. Transportation Service Center (TSC).	The TSC currently operates from a leased facility.	\$5,069,600
Major Capital Total:				\$5,069,600

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Grand Rapids Garage

BUREAU/REGION	OWN/LEASE
Grand	Own
REGION REPRESENTATIVE	
Little Tim	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1400 Scribner Avenue, Grand Rapids MI 49504	Kent	(616) 451-8411	(616) 451-0532	1.00	04/07/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		2	760 SQ FT	Fully Utilized	06/29/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS	2	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	2	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	2	WATER UTILITY	Municipal	Grand Rapids, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Grand Rapids, City of	Adequate
		IRRIG SYS	3				
PARKING/PAVING	5						
DRAINAGE	2						

BUILDINGS		TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE					
GAR-1	Garage	Garage	1965	\$1,877,900	CMU block.	Painted block, and brick. EIFS on office area.	Flat with membrane coating.
TOTAL COMPLEX SQ FT		10,550					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Adequate	2	3	3	3	1	1	2	3	2	2	1	2	2	2	0

UNFUNDED PROJECTS		Grand - Grand Rapids Garage	
Special Maintenance			
Appn Year	Building Code	Brief Scope of Work	Current Condition
2017	GAR-1	Automate east gate to parking area and add card reader consistent with existing region system (Video Tec Tronics).	Present gate is a large gate and due to size regularly requires maintenance.
			Cost Estimate
			\$30,000
Special Maintenance Total:			\$30,000

BUREAU/REGION	OWN/LEASE
Grand	Lease-Private
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

2011 FACILITY ASSESSMENT

Grand Rapids TSC

Leased Facility - Not Assessed

Facility Not Assessed

ADDRESS		COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2660 Leonard Street, NE, Grand Rapids MI 49525		Kent	(616) 464-1800	(616) 464-1189		
FACILITY FUNCTION	SECONDARY FUNCTION		WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center			33	13,821 SQ FT	Fully Utilized	
SITE ASSESSMENT		<u>ADEQUACY</u>	<u>RATING</u>	<u>TYPE</u>	<u>VENDOR</u>	<u>ADEQUACY</u>
SITE CAPACITY FOR DEVELOPMENT		SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	
SITE REGULATORY COMPLIANCE		FENCING	0	GAS UTILITY (if present)	N/A	
		SECURITY	0	WATER UTILITY	N/A	
		LIGHTING	0	SEWAGE UTILITY	N/A	
		IRRIG SYS	0			
PARKING/PAVING			0			
DRAINAGE			0			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	13,281	1989	\$3,253,845			
TOTAL COMPLEX SQ FT			13,281					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Grand Region Maintenance Crews

BUREAU/REGION	OWN/LEASE
Grand	Own
REGION REPRESENTATIVE	
Little Tim	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS		COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE	
1240 Front Street NW, Grand Rapids MI 49504		Kent	(616) 451-4557	(616) 451-8062	2.00	04/07/2011	
FACILITY FUNCTION	SECONDARY FUNCTION		WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT	
Maintenance Crews			9	2,800 SQ FT	Fully Utilized	02/16/2010	
SITE ASSESSMENT		<u>ADEQUACY</u>	<u>RATING</u>	<u>TYPE</u>	<u>VENDOR</u>	<u>ADEQUACY</u>	
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS	2	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
	<u>RATING</u>	SECURITY	1	WATER UTILITY	Municipal	Grand Rapids, City of	Adequate
PARKING/PAVING	5	LIGHTING	2	SEWAGE UTILITY	Municipal	Grand Rapids, City of	Adequate
DRAINAGE	2	IRRIG SYS	2				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
SPC-1	Maintenance Crews	Maintenance Crews	23,430	1964	\$4,170,540	CMU.	Block (painted).	Rubber membrane.
TOTAL COMPLEX SQ FT			23,430					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
SPC-1	Adequate	Inadequate	2	4	4	2	5	5	3	3	4	0	5	2	2	4	1

UNFUNDED PROJECTS

Grand - Grand Region Maintenance Crews

Special Maintenance				
<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	STE-1	Automate gate on west side of parking area and add card reader consistent with existing region system (Video Tec Tronics).	Present gate is a large manually operated gate. Due to its size it requires regular maintenance. In addition, consultants and construction staff require off-hour access to the building. An automatic gate with a card reader will provide better access management and control.	\$28,000
2018	SPC-1	Paint interior surfaces.	Paint is showing signs of deterioration, including peeling and chipping.	\$52,300
Special Maintenance Total:				\$80,300

2011 FACILITY ASSESSMENT

Grand Region Office

BUREAU/REGION	OWN/LEASE
Grand	Own
REGION REPRESENTATIVE	
Little Tim	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1420 Front Avenue, NW, Grand Rapids MI 49504	Kent	(616) 451-3091	(616) 451-0707	2.00	04/07/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Region Administration		57	23,220 SQ FT	Fully Utilized	06/29/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	2	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	1	WATER UTILITY	Municipal	Grand Rapids, City of	Adequate
		LIGHTING	1	SEWAGE UTILITY	Municipal	Grand Rapids, City of	Inadequate
PARKING/PAVING	5	IRRIG SYS	1				
DRAINAGE	2						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
TSC-1	Transportation Service Center	Region Office	23,220	1962	\$5,688,900	Masonry.	Grouted tile.	Rubber membrane.	
TOTAL COMPLEX SQ FT			23,220						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
TSC-1	Adequate	Inadequate	2	5	2	2	2	2	0	3	2	0	2	2	2	2	2

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Grand - Grand Region Office

Major Capital				
<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2018	TST-1	Construct 2,400 sq. ft. materials testing laboratory.	Currently contracted. This is not a cost effective option and MDOT does not retain control of testing environment/controls.	\$1,151,500
Major Capital Total:				\$1,151,500

Special Maintenance				
<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	STE-1	Resurface parking lot.	Multiple longitudinal and transverse cracks with several areas of fatigue cracking, saturated/ undermined sub base adjacent to drain structures.	\$110,200
2018	REG-1	Replace carpeting.	Carpet is showing visible signs of wear. There are several weak spots at risk of tearing and creating a trip hazard.	\$75,800
2018	REG-1	Paint interior surfaces.	Paint is showing signs of deterioration, including peeling and chipping.	\$20,200
Special Maintenance Total:				\$206,200

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Muskegon TSC

BUREAU/REGION	OWN/LEASE
Grand	Own
REGION REPRESENTATIVE	
Turner, Tom	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2225 Olthoff Drive, Muskegon MI 49444	Muskegon	(231) 777-3451	(231) 777-3621	2.00	04/12/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		24	6,612 SQ FT	Fully Utilized	06/29/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 0	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY 3	WATER UTILITY	Municipal	Muskegon, City of	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Muskegon, City of	Adequate
PARKING/PAVING	3	IRRIG SYS 3				
DRAINAGE	3					

BLDG CODE		CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	6,612	1997	\$1,619,940	Wood.	Brick and EIFS.	Wood and shingle.	
TST-1	Testing Lab	Heated Storage	1,344	2005	\$235,200	Wood.	Vinyl.	Wood and shingle.	
TOTAL COMPLEX SQ FT			7,956						

BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	BUILDING ASSESSMENT														
			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
TSC-1	Adequate	Adequate	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3
TST-1	Adequate	Adequate	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3

UNFUNDED PROJECTS

Grand - Muskegon TSC

Major Capital

Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2016	TSC-1	Design and construct 2,424 sq. ft. addition and reconfigure the office layout within existing building footprint. Address building security.	Existing facility has insufficient space to effectively accommodate current personnel, as well as insufficient meeting and storage space.	\$2,279,700
Major Capital Total:				\$2,279,700

2011 FACILITY ASSESSMENT

Bay City TSC

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
Maida, Rick	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2590 E. Wilder Rd., Bay City MI 48706	Bay	(989) 671-1555	(989) 671-1530	22.00	04/11/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		27	8,860 SQ FT	Fully Utilized	07/22/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	3	ELECTRICAL UTILITY	Electrical	Consumers Energy
SITE REGULATORY COMPLIANCE	Adequate	0	GAS UTILITY (if present)	Natural Gas	Consumers Energy
	RATING	3	WATER UTILITY	Municipal	Bay County Department of Water and Sewer
PARKING/PAVING	3	3	SEWAGE UTILITY	Municipal	Bay County Department of Water and Sewer
DRAINAGE	3	3			

BUILDINGS		TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE					
TSC-1	Transportation Service Center	Transportation Service Center	1999	\$2,170,700	Wood.	Masonry, vinyl and brick.	Wood and shingle.
TST-1	Testing Lab	Heated Storage	2001	\$390,600	Wood.	Vinyl siding.	Wood shingles.
TOTAL COMPLEX SQ FT		11,092					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
TSC-1	Adequate	Adequate	3	3	3	3	3	3	0	3	3	0	0	3	3	4	3
TST-1	Adequate	Adequate	3	3	3	3	3	3	3	4	3	0	3	3	3	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2011 FACILITY ASSESSMENT

Bay Region Maintenance Crews

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
McDonald, Rob	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
3502 East Washington Avenue, Saginaw MI 48601	Saginaw	(989) 754-0784	(989) 754-9250	38.00	04/13/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Crews		16	2,100 SQ FT	Fully Utilized	06/10/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 2	ELECTRICAL UTILITY	Electrical	Consumers Energy Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present)	Natural Gas	Consumers Energy Adequate
		SECURITY 2	WATER UTILITY	Municipal	Buena Vista Charter Township Adequate
		LIGHTING 2	SEWAGE UTILITY	Municipal	Buena Vista Charter Township Adequate
PARKING/PAVING	4	IRRIG SYS 2			
DRAINAGE	3				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
SPC-1	Maintenance Crews	Maintenance Crews	28,150	1966	\$5,010,700	Masonry and steel.	Masonry.	Metal with a membrane coating over front Metal.
HSB-1	Heated Storage	Heated Storage	4,920	1966	\$447,720	Steel.	Metal.	Metal.
CSB-1	Cold Storage	Cold Storage	2,720	1993	\$247,520	Wood.	Metal.	Wood shingles.
CSB-2	Cold Storage	Cold Storage	2,250	0	\$204,750	Wood.	Metal.	Wood and shingle.
TOTAL COMPLEX SQ FT			38,040					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
SPC-1	Adequate	Inadequate	2	5	3	2	2	2	3	3	3	0	3	3	2	2	0
HSB-1	Adequate	Adequate	2	2	2	2	2	2	3	2	2	0	4	2	2	2	0
CSB-1	Adequate	NA	2	4	2	0	0	4	3	2	0	0	0	0	2	2	0
CSB-2	Adequate	NA	2	2	2	0	0	2	0	0	0	0	0	0		0	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

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<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
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Total:

Assessment Rating:

50062G 00

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Bay Region Office

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
McDonald, Rob	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
55 E. Morley Drive, Saginaw MI 48601	Saginaw	(989) 754-7443	(989) 754-8122	3.00	04/14/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Region Administration		60	8,930 SQ FT	Fully Utilized	11/30/2009

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	0	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	2	WATER UTILITY	Municipal	Buena Vista Charter Township	Adequate
		LIGHTING	2	SEWAGE UTILITY	Municipal	Buena Vista Charter Township	Adequate
PARKING/PAVING	2	IRRIG SYS	2				
DRAINAGE	2						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
REG-1	Region Office	Region Office	8,930	1970	\$2,187,850	Masonry and steel.	Masonry and metal.	Metal with membrane coating.	
TOTAL COMPLEX SQ FT			8,930						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
REG-1	Adequate	Inadequate	2	3	2	2	2	2	0	2	2	0	2	3	3	2	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2011 FACILITY ASSESSMENT

Davison TSC

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
Maida, Rick	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
9495 E. Potter Road, Davison MI 48423	Genesee	(810) 653-7470	(810) 653-1248	5.00	04/11/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		23	6,400 SQ FT	Fully Utilized	07/23/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	2	ELECTRICAL UTILITY	Electrical	Consumers Energy
SITE REGULATORY COMPLIANCE	Adequate	0	GAS UTILITY (if present)	Natural Gas	Consumers Energy
		3	WATER UTILITY	Municipal	Richfield Township
		2	SEWAGE UTILITY	Municipal	Richfield Township
PARKING/PAVING	2				
DRAINAGE	3				

BUILDINGS		TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	6,400	2001	\$1,568,000	Wood.	Vinly siding and brick.	Wood and shingles.
TST-1	Testing Lab	896	2003	\$156,800	Wood.	Vinyl and brick.	Wood and shingles.
TOTAL COMPLEX SQ FT		7,296					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
TSC-1	Adequate	Adequate	3	4	3	4	3	3	0	3	3	0	0	3	3	3	3
TST-1	Adequate	Adequate	3	4	3	3	3	3	3	4	3	0	3	3	3	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2011 FACILITY ASSESSMENT

Mt. Pleasant Garage/ Mt. Pleasant TSC

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
Maida, Rick	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

Shared facility. TSC occupies 5,000 sq. ft. of Garage (GAR-1) building.

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1212 Corporate Drive, Mt. Pleasant MI 48858	Isabella	(989) 773-3532	(989) 773-0944	14.00	04/12/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage	Transportation Service Center	12	5,000 SQ FT	Fully Utilized	05/18/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	1	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	1	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	1	WATER UTILITY	Municipal	Mt. Pleasant, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Mt. Pleasant, City of	Adequate
PARKING/PAVING	1	IRRIG SYS	3				
DRAINAGE	1						

BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage/TSC	27,140	1987	\$4,830,920	Steel and masonry.	Masonry.	Metal with membrane coating.
HSB-1	Heated Storage	Heated Storage	6,000	1990	\$546,000	Steel and masonry.	Masonry.	Metal.
SSB-1	Salt/Sand Storage	Salt/Sand Storage	6,000	1988	\$546,000	Concrete and wood.	Concrete and wood.	Wood shingle.
TOTAL COMPLEX SQ FT			39,140					

BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	BUILDING ASSESSMENT														
			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Adequate	2	1	1	2	2	1	2	2	2	2	2	2	2	2	3
HSB-1	Adequate	Adequate	3	3	3	3	3	3	3	2	0	2	2	3	4	0	
SSB-1	Adequate	NA	3	3	3	0	0	3	0	0	0	3	0	3	3	0	

UNFUNDED PROJECTS

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<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
				Total:

Assessment Rating:

0 = NOT APPLICABLE (N/A)
1 = EXCELLENT (Annual Maintenance per Schedule)
2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
4 = POOR (Worn; Significant Maintenance or Repair)
5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Mt. Pleasant TSC

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
Maida, Rick	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

Shared facility. See Mt. Pleasant Garage for building and assessment information. TSC occupies 5,000 sq. ft. of Garage (GAR-1) building.

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1212 Corporate Drive, Mt. Pleasant MI 48858	Isabella	(989) 773-7756	(989) 772-0530		04/12/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		17	5,000 SQ FT	Fully Utilized	05/18/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 1	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 1	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY 1	WATER UTILITY	Municipal	Mt. Pleasant, City of	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Mt. Pleasant, City of	Adequate
PARKING/PAVING 1		IRRIG SYS 3				
DRAINAGE 1						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
-					\$0			
TOTAL COMPLEX SQ FT								

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
-				
Total:				

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Saginaw East Garage

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
McDonald, Rob	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
3510 East Washington Avenue, Saginaw MI 48601	Saginaw	(989) 754-0784	(989) 754-9250	33.00	04/13/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		17	SQ FT	Fully Utilized	06/09/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	2	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	2	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	2	WATER UTILITY	Municipal	Buena Vista Charter Township	Adequate
		LIGHTING	2	SEWAGE UTILITY	Municipal	Buena Vista Charter Township	Adequate
PARKING/PAVING	5	IRRIG SYS	2				
DRAINAGE	2						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	25,540	1991	\$4,546,120	Masonry and steel.	Masonry and metal.	Metal with membrane coating.
HSB-1	Heated Storage	Heated Storage	11,670	2003	\$1,061,970	Steel.	Metal.	Metal with membrane coating.
HSB-2	Heated Storage	Heated Storage	11,670	2003	\$1,061,970	Steel.	Metal.	Metal with membrane coating.
SSB-1	Salt/Sand Storage	Cold Storage	1,900	1966	\$172,900	Wood.	Wood.	Wood and shingle.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	6,000	1983	\$546,000	Wood.	Wood.	Wood and shingle.
SSB-3	Salt/Sand Storage	Salt/Sand Storage	9,940	1999	\$904,540	Concrete and wood.	Concrete and wood.	Wood and shingle.
TOTAL COMPLEX SQ FT			66,720					

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

BUILDING ASSESSMENT

BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Inadequate	2	3	3	2	2	2	3	3	2	2	2	2	2	2	0
HSB-1	Adequate	Adequate	2	2	3	0	2	2	3	3	2	0	2	2	2	2	0
HSB-2	Adequate	Adequate	2	2	3	0	2	2	3	3	2	0	2	2	2	2	0
SSB-1	Adequate	NA	2	4	2	0	0	2	2	2	0	0	0	0	2	2	0
SSB-2	Adequate	NA	2	4	2	0	0	4	2	0	0	0	2	0	2	2	0
SSB-3	Adequate	NA	2	4	2	0	0	4	2	0	0	0	2	2	2	2	0

UNFUNDED PROJECTS

Bay - Saginaw East Garage

Special Maintenance

Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2017	STE-1	Resurface internal driveways, excluding main driveway and parking lot (Phase 2 of 2).	Internal driveways have visible areas of broken/ missing asphalt which collect water and accelerate further deterioration. This facility supports road maintenance operations and has frequent heavy equipment traffic.	\$852,400
2019	STE-1	Removal of 44,600 cubic yards of foundry sand from site.	Removal of contaminated material from site.	\$2,284,000
Special Maintenance Total:				\$3,136,400

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Saginaw West Garage

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
McDonald, Rob	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1459 South Graham Road, M-52, Saginaw MI 48609	Saginaw	(989) 781-2310	(989) 781-0085	23.00	04/14/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		15	SQ FT	Fully Utilized	05/17/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 2	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY 2	WATER UTILITY	Municipal	Thomas Township	Adequate
		LIGHTING 2	SEWAGE UTILITY	Municipal	Thomas Township	Adequate
PARKING/PAVING	2	IRRIG SYS 2				
DRAINAGE	2					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	21,580	1970	\$3,841,240	Masonry and steel.	Masonry.	Metal with membrane coating.
SSB-1	Salt/Sand Storage	Cold Storage	6,000	1970	\$546,000	Wood.	Wood.	Wood shingle.
SSB-2	Salt/Sand Storage	Cold Storage	3,800	1984	\$345,800	Wood.	Wood.	Wood and shingle.
SSB-3	Salt/Sand Storage	Salt/Sand Storage	9,940	1999	\$904,540	Cement and wood.	Cement and wood.	Wood and shingle.
CSB-1	Cold Storage	Cold Storage	6,000	1987	\$546,000	Masonry and steel.	Masonry and metal.	Metal with membrane coating.
TOTAL COMPLEX SQ FT			47,320					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Inadequate	2	2	4	2	2	2	3	2	3	2	2	2	3	4	0
SSB-1	Adequate	NA	2	4	2	0	0	2	4	0	0	0	2	0	2	2	0
SSB-2	Adequate	NA	2	4	2	0	0	2	4	0	0	0	2	0	2	2	0
SSB-3	Adequate	NA	2	2	2	0	0	2	2	0	0	0	2	2	2	2	0
CSB-1	Adequate	NA	2	2	3	2	2	2	2	3	0	0	5	2	2	4	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

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<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
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Total:

Assessment Rating:

0 = NOT APPLICABLE (N/A)
1 = EXCELLENT (Annual Maintenance per Schedule)
2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
4 = POOR (Worn; Significant Maintenance or Repair)
5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

-

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
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Total:

Assessment Rating:

0 = NOT APPLICABLE (N/A)
1 = EXCELLENT (Annual Maintenance per Schedule)
2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
4 = POOR (Worn; Significant Maintenance or Repair)
5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Coldwater Training Facility

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
34 N. Michigan Ave., Coldwater MI 49036	Branch	(517) 278-4388		16.00	04/18/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Training Center		0	5,000 SQ FT	Fully Utilized	06/17/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	3	ELECTRICAL UTILITY	Electrical	Adequate
SITE REGULATORY COMPLIANCE	Adequate	3	GAS UTILITY (if present)	Natural Gas	Adequate
	Adequate	0	WATER UTILITY	Municipal	Adequate
	Adequate	3	SEWAGE UTILITY	Municipal	Adequate
PARKING/PAVING	5	3			
DRAINAGE	4	3			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Training Center	16,800	1961	\$2,990,400	CMU block and steel frame.	EFIS with metal gable ends. Office walls brick.	Metal roof.
HSB-1	Heated Storage	Cold Storage	4,000	1993	\$364,000	Steel frame.	Metal panels.	Metal panels.
SSB-1	Salt/Sand Storage	Cold Storage	1,925	1961	\$175,175	Wood	Wood posts and planks.	Asphalt shingles.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	5,650	1981	\$514,150	Wood	Wood osts and planks.	Asphalt shingles.
TOTAL COMPLEX SQ FT			28,375					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Inadequate	3	4	4	3	3	5	3	3	3	3	4	3	3	3	0
HSB-1	Adequate	Adequate	2	3	2	0	3	2	3	3	3	0	0	0	3	3	0
SSB-1	Inadequate	NA	5	5	5	0	0	5	5	0	0	0	0	0	5	5	0
SSB-2	Adequate	NA	5	4	4	0	0	5	4	0	0	0	4	0	4	4	0

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Southwest - Coldwater Training Facility

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	SSB-2	Install new siding and trim.	Existing siding is faded/weathered and no longer providing adequate protection.	\$71,200
2017	STE-1	Replace bituminous pavement.	Pavement is in extremely poor condition with large pot holes and excessive cracking throughout the site. This facility supports road maintenance operations and has frequent heavy equipment traffic.	\$431,900
2018	GAR-1	Renovate/upgrade restrooms, offices, windows, and entrance to meet ADA and operational needs.	Built as maintenance garage and in need of update for use as public training facility. Bathroom sinks/urinals are original. Automated gasoline monitoring system still remains.	\$340,500
Special Maintenance Total:				\$843,600

Assessment Rating:

50043G 00

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Coloma Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
3880 Red Arrow Hwy., Benton Harbor MI 49022	Berrien	(269) 849-2811	(269) 849-2929	49.00	04/03/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		25	7,650 SQ FT	Fully Utilized	07/16/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY Electrical	American Electric Power (AEP, Ind Mich Power)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 4	GAS UTILITY (if present) Natural Gas	Michigan Gas Utilities	Adequate
		SECURITY 0	WATER UTILITY Well		Adequate
		LIGHTING 4	SEWAGE UTILITY Septic		Adequate
PARKING/PAVING	5	IRRIG SYS 4			
DRAINAGE	3				

BUILDINGS													
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE					
GAR-1	Garage	Garage	20,137	1968	\$3,584,386	Masonry walls, steel roof.	Painted masonry.	Flat; single-ply membrane.					
HSB-1	Heated Storage	Heated Storage	6,000	1978	\$546,000	Masonry walls with stell roof system.	Painted masonry	Single-ply membrane					
SSB-1	Salt/Sand Storage	Salt/Sand Storage	3,808	1968	\$346,528	Timber frame.	Timber (painted).	Asphalt shingles.					
SSB-2	Salt/Sand Storage	Salt/Sand Storage	8,100	1982	\$737,100	Concrete walls with wood roof.	Concrete circular wall.	Asphalt shingles.					
WSH-1	Washbay	Washbay	1,664	2011	\$291,200	Masonry walls with stell roof.	Painted masonry.	Flat single-ply membrane					
SHL-1	Shelter	Shelter	512	2011	\$0	Wood	Plywood	Metal Panel					
TOTAL COMPLEX SQ FT			40,221										

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Inadequate	3	5	4	1	3	4	3	3	5	3	3	3	3	3	0
HSB-1	Adequate	Adequate	3	3	3	2	2	4	3	5	3	0	0	0	3	4	0
SSB-1	Adequate	NA	3	4	3	0	0	4	1	0	0	0	0	0	0	0	0
SSB-2	Inadequate	NA	3	3	3	0	0	2	0	0	0	0	4	0	3	4	0
WSH-1	Adequate	Adequate	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0
SHL-1	Adequate	NA	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0

UNFUNDED PROJECTS

Southwest - Coloma Garage

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	SSB-3	Design and construct new 17,900 sq. ft. 7,000 ton salt/sand storage building with secondary containment.	The current salt dome (4,000 ton capacity) is almost 30 years in age with ongoing structural issues and insufficient fill capacity. The structure is not in alignment with secondary containment rules and regulations.	\$1,394,200
Major Capital Total:				\$1,394,200

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	HSB-1	Replace Ethylene Propylene Diene Terpolymer Membrane (EPDM) roof system.	Roof system is showing signs of wear and it has exceeded its useful life; no warranty remains.	\$75,000
2016	GAR-1	Paint exterior and tuck point.	Exterior paint showing signs of wear.	\$29,100
2017	SSB-1	Upgrade lighting system.	Old salt storage building converted to an equipment storage building. Existing lighting and electrical is inadequate for current operations. Insufficient lighting for employees causing a safety concern. Current electrical wiring is antiquated.	\$60,600
2018	GAR-1	Paint interior.	Interior paint is failing. Paint has faded and is peeling.	\$49,300
2019	STE-1	Cold mill HMA pavement and pave 2" (north portion).	Pavement is in poor condition with excessive cracking on the north side of the site.	\$196,000
Special Maintenance Total:				\$410,000

2012 FACILITY ASSESSMENT

Coloma TSC

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
3880 Red Arrow Hwy., Benton Harbor MI 49022	Van Buren	(269) 849-1165	(269) 849-1227	5.00	04/03/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		24	7,650 SQ FT	Fully Utilized	06/16/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS 2	ELECTRICAL UTILITY	Electrical	American Electric Power (AEP, Ind Mich Power)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present)	Natural Gas	Michigan Gas Utilities	Adequate
		SECURITY 0	WATER UTILITY	Well		Adequate
		LIGHTING 2	SEWAGE UTILITY	Septic		Adequate
PARKING/PAVING	4	IRRIG SYS 2				
DRAINAGE	3					

BUILDINGS		TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE					
TSC-1	Transportation Service Center	Transportation Service Center	1993	\$1,874,250	Wood.	Vinyl.	Asphalt shingles.
TST-1	Testing Lab	Heated Storage	1992	\$87,500	Wood.	Metal wall panels.	Asphalt shingles.
TOTAL COMPLEX SQ FT		8,150					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
TSC-1	Adequate	Inadequate	2	3	2	2	3	4	0	2	2	0	2	2	2	2	1
TST-1	Adequate	Adequate	3	3	3	3	3	4	3	3	3	0	0	2	2	2	0

UNFUNDED PROJECTS		Southwest - Coloma TSC	
Special Maintenance			
Appn Year	Building Code	Brief Scope of Work	Cost Estimate
2019	STE-1	Replace bituminous pavement.	\$82,900
Special Maintenance Total:			\$82,900

UNFUNDED PROJECTS**Southwest - Fennville Garage****Special Maintenance**

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	STE-1	Cold mill and resurface parking lot and drives.	Pavement deteriorated beyond repair and site has drainage issues. Facility supports road maintenance operations. Environmental concerns with unrestricted soil access. Bituminous only 1-2 inches throughout. Some rubble areas.	\$216,000
2016	CSB-1	Repair metal panel. Blast and paint exterior wall and metal roof trim.	Metal structure is starting to rust with approximately 75% of the bottom 2 ft. of structure showing severe rust.	\$81,200
2016	GAR-1	Install exhaust hose and reels.	There are no exhaust hoses at this facility. The existing fans were not intended for this type of facility and only remove a limited amount of exhaust fumes, posing a safety concern.	\$78,800
2016	SSB-1	Paint exterior and reskin.	Paint is peeling. Salt has leached through wood so paint will not stick.	\$34,300
Special Maintenance Total:				\$410,300

Assessment Rating:

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Hastings Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1300 East Quimby Rd., Hastings MI 49058	Barry	(269) 945-3493	(269) 945-9394	10.00	04/12/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		11	3,431 SQ FT	Fully Utilized	01/19/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY 0	WATER UTILITY	Well		Adequate
		LIGHTING 3	SEWAGE UTILITY	Septic		Adequate
PARKING/PAVING	4	IRRIG SYS 3				
DRAINAGE	3					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	33,300	1985	\$5,927,400	Concrete and steel.	Concrete and steel.	Steel standing seam.
SSB-1	Salt/Sand Storage	Salt/Sand Storage	6,000	1985	\$546,000	Concrete and timber.	T1-11 (painted).	Shingle.
TOTAL COMPLEX SQ FT			39,300					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Inadequate	2	4	3	3	2	4	3	3	5	3	3	3	3	4	0
SSB-1	Inadequate	NA	4	5	4	0	0	5	5	0	0	0	5	0	4	4	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Southwest - Hastings Garage

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2018	SSB-2	Design and construct 4,600 ton salt/sand storage building with secondary containment.	The current salt concrete has a capacity of 3,000 tons which is inadequate since the 5-year average for salt usage at this garage is 4,070 tons. Existing structure does not have a covered loading area (secondary containment).	\$1,433,300
Major Capital Total:				\$1,433,300

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	GAR-1	Upgrade electrical system and install new energy efficient lighting system.	Lighting is not sufficient for operations and is not energy efficient. Upgraded electrical system required for modern lighting fixtures.	\$173,600
2018	STE-1	Replace bituminous pavement.	Pavement is in poor condition with excessive cracking.	\$355,600
Special Maintenance Total:				\$529,200

Assessment Rating:

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Jones Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
61535 M-40, Jones MI 49061	Cass	(269) 244-5808	(269) 244-8331	14.00	04/04/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		10	2,940 SQ FT	Fully Utilized	06/18/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 4	ELECTRICAL UTILITY	Electrical	American Electric Power (AEP, Ind Mich Power)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Propane	Amerigas	Adequate
		SECURITY 3	WATER UTILITY	Well		Adequate
		LIGHTING 3	SEWAGE UTILITY	Septic		Adequate
PARKING/PAVING	5	IRRIG SYS 3				
DRAINAGE	5					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	7,626	1957	\$1,357,428	CMU and steel.	CMU (painted).	Metal with fiberglass skylights.
GAR-2	Garage	Garage	18,080	1968	\$3,218,240	CMU and steel frame.	CMU (painted), EIFS and Brick.	Standing seam metal.
SSB-1	Salt/Sand Storage	Cold Storage	3,930	1957	\$357,630	Wood plank.	Plank (painted).	Shingle.
SSB-2	Salt/Sand Storage	Cold Storage	5,000	1982	\$455,000	Wood plank.	Plank (painted) and T1-11.	Shingle.
SSB-3	Salt/Sand Storage	Salt/Sand Storage	9,936	1996	\$904,176	Concrete and wood.	Painted T1-11 and concrete.	Shingle.
CSB-1	Cold Storage	Cold Storage	3,930	1957	\$357,630	Steel frame.	Metal (painted).	Metal.
CSB-2	Cold Storage	Cold Storage	400	0	\$36,400	Wood.	Metal.	Shingle.
CSB-3	Cold Storage	Cold Storage	500	0	\$45,500	Steel.	Metal.	Shingle.
TOTAL COMPLEX SQ FT			49,402					

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

BUILDING ASSESSMENT

BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Inadequate	3	4	3	3	3	3	3	3	3	3	0	3	3	4	0
GAR-2	Adequate	Inadequate	3	4	3	3	4	3	3	3	4	3	3	3	4	4	3
SSB-1	Adequate	NA	3	4	3	0	0	3	3	0	0	0	0	0	3	3	0
SSB-2	Adequate	NA	3	4	3	0	0	3	3	0	0	0	0	0	3	3	0
SSB-3	Adequate	NA	3	4	3	0	0	5	3	0	0	0	3	0	3	3	0
CSB-1	Adequate	NA	3	3	3	0	0	3	3	3	0	0	0	0	3	4	0
CSB-3	Adequate	NA	3	3	3	0	3	3	0	3	0	0	0	0	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Southwest - Jones Garage

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	WSH-1	Design and construct 2,400 sq. ft. external wash bay.	Equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location.	\$649,700
Major Capital Total:				\$649,700

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	SSB-3	Paint exterior.	Stain showing extreme wear and is no longer protecting wood.	\$18,200
2016	STE-1	Cold mill and resurface asphalt.	Existing pavement 1-2" deteriorated with large cracks and potholes. To reduce storm water influent into lagoon, site survey info will be used to determine if catch basins can be connected to ditch. This facility supports road maintenance operations and has frequent heavy equipment traffic.	\$269,500
2016	CSB-1	Replace metal wall and roof panels.	Metal roof and siding are showing visible signs of deterioration and no longer provide protection to structure.	\$68,200
2016	GAR-2	Upgrade electrical system and install new energy efficient lighting system.	Lighting is not sufficient for operations and is not energy efficient. Upgraded electrical system required for modern lighting fixtures.	\$40,700
2016	SSB-2	Paint exterior.	Paint is peeling. Salt has leached through wood so paint will not stick.	\$35,200
2016	GAR-2	Core-fill all Concrete Masonry Unit (CMU) block walls.	Hollow CMU block walls have low thermal resistance and require core-fill to increase thermal properties. Cold drafts come through block and interior paint has deteriorated.	\$29,500
2016	GAR-2	Tuck point and paint entire exterior.	Paint is chipping, fading, and peeling.	\$42,700
2016	SSB-1	Paint/stain exterior.	Paint is chipping, fading and peeling.	\$17,700
Special Maintenance Total:				\$521,700

2012 FACILITY ASSESSMENT

Kalamazoo Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
5673 W. Main St., Kalamazoo MI 49009	Kalamazoo	(269) 337-3981	(269) 337-3980	18.00	04/10/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		18	3,120 SQ FT	Fully Utilized	03/02/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Consumers Energy Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	Consumers Energy Adequate
		SECURITY 3	WATER UTILITY	Municipal	Kalamazoo, City of Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Kalamazoo, City of Adequate
PARKING/PAVING	4	IRRIG SYS 3			
DRAINAGE	3				

BUILDINGS			TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE						
GAR-1	Garage	Garage	20,500	1967	\$3,649,000	CMU block and steel frame.	Block and EIFS (painted)	Shingle.
HSB-1	Heated Storage	Heated Storage	4,800	1967	\$436,800	Steel beam.	Metal (painted).	Metal.
SSB-1	Salt/Sand Storage	Cold Storage	3,106	1967	\$282,646	Wood plank.	Metal (painted).	Shingle.
SSB-2	Salt/Sand Storage	Cold Storage	3,000	1984	\$273,000	Concrete.	Concrete (painted).	Concrete.
SSB-3	Salt/Sand Storage	Cold Storage	2,400	1997	\$218,400	Wood plank.	Wood plank (painted).	Shingle.
SSB-4	Salt/Sand Storage	Salt/Sand Storage	3,000	2007	\$273,000	Aluminum tube frame with 6' concrete walls.	Concrete.	Canvas.
CSB-1	Cold Storage	Cold Storage	960	2008	\$87,360	Wood	Metal	Metal
TOTAL COMPLEX SQ FT			37,766					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Inadequate	3	4	3	4	3	5	4	4	4	5	4	3	3	4	3
HSB-1	Adequate	Adequate	3	2	3	0	3	3	3	3	3	0	0	0	3	4	0
SSB-1	Adequate	NA	3	4	3	0	0	4	3	0	0	0	0	0	3	4	0
SSB-2	Adequate	NA	3	4	3	0	0	3	0	0	0	0	3	0	3	3	0
SSB-4	Adequate	NA	3	3	3	0	0	3	0	0	0	0	3	0	3	3	0
CSB-1	Adequate	NA	3	3	3	0	0	3	0	0	0	0	0	0	0	0	0

UNFUNDED PROJECTS

Southwest - Kalamazoo Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	GAR-1	Replace windows with energy efficient product.	Windows are impaired and inefficient.	\$15,900
2016	SSB-2	Paint exterior and repair masonry at entrance of dome.	Paint is chipping, fading, and peeling. The masonry has cracks, and chips at the entrance.	\$55,200
2016	GAR-1	Upgrade electrical system and install new energy efficient lighting system.	Lighting is not sufficient for operations and is not energy efficient. Upgraded electrical system required for modern lighting fixtures.	\$143,800
2018	CSB-1	Design and construct new 20,000 sq. ft. cold storage building.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	\$428,300
2018	STE-1	Repave entire area.	Pavement is in poor condition with excessive cracking.	\$1,059,000
Special Maintenance Total:				\$1,702,200

2012 FACILITY ASSESSMENT

Kalamazoo TSC

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
5372 South 9th Street, Kalamazoo MI 49009	Kalamazoo	(269) 375-8900	(269) 544-0080	3.00	04/02/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		21	6,550 SQ FT	Fully Utilized	10/27/2009

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	0	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	3	WATER UTILITY	Municipal	Kalamazoo, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Kalamazoo, City of	Adequate
PARKING/PAVING	3	IRRIG SYS	3				
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	6,550	2003	\$1,604,750	Wood stick.	Brick and vinyl.	Shingle.
CSB-1	Cold Storage	Cold Storage	400	2005	\$36,400	Stick wood.	Vinyl.	Shingle.
CSB-2	Cold Storage	Cold Storage	960	2006	\$87,360	Stick wood.	Vinyl.	Shingle.
TOTAL COMPLEX SQ FT			7,910					

BUILDING ASSESSMENT																		
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection	
TSC-1	Adequate	Inadequate	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	
CSB-1	Adequate	NA	2	3	2	0	0	3	3	4	0	0	0	0	3	3	0	
CSB-2	Adequate	NA	2	3	2	0	0	3	3	4	0	0	0	0	3	3	0	

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Marshall Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1242 S. Kalamazoo Ave., Marshall MI 49068	Calhoun	(269) 781-2894	(269) 781-2989	6.00	04/17/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		8	5,000 SQ FT	Fully Utilized	06/17/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Marshall, City of	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	0	WATER UTILITY	Municipal	Marshall, City of	Adequate
		LIGHTING	2	SEWAGE UTILITY	Municipal	Marshall, City of	Adequate
PARKING/PAVING	2	IRRIG SYS	2				
DRAINAGE	2						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	17,600	1960	\$3,132,800	Steel frame and CMU.	Brick and CMU. Metal siding on gable end.	Metal.
HSB-1	Heated Storage	Cold Storage	3,800	1960	\$345,800	Steel frame.	Metal siding.	Metal roof.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	5,000	1983	\$455,000	Timber wood plank.	Wood plank.	Shingle roof.
SSB-3	Salt/Sand Storage	Salt/Sand Storage	8,496	2008	\$773,136	Concrete retaining walls, Wood structure above	Concrete, Wood Siding Above	Asphalt shingles
TOTAL COMPLEX SQ FT			34,896					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Inadequate	3	3	3	2	3	3	3	4	4	3	3	3	3	2	0
HSB-1	Adequate	Adequate	3	4	3	0	3	3	3	4	3	0	0	0	2	2	0
SSB-2	Adequate	NA	4	4	3	0	0	4	3	0	0	0	4	0	3	4	0
SSB-3	Adequate	NA	2	2	2	0	0	2	0	0	0	0	2	0	2	2	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

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<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
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Total:

Assessment Rating:

50005G 00

0 = NOT APPLICABLE (N/A)
1 = EXCELLENT (Annual Maintenance per Schedule)
2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
4 = POOR (Worn; Significant Maintenance or Repair)
5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Niles Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2200 East US-12, Niles MI 49120	Cass	(269) 683-2855	(269) 683-8076	12.00	04/16/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		15	2,100 SQ FT	Fully Utilized	05/05/2009

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	American Electric Power (AEP, Ind Mich Power)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 4	GAS UTILITY (if present)	Natural Gas	SEMCO	Adequate
		SECURITY 0	WATER UTILITY	N/A		Adequate
		LIGHTING 4	SEWAGE UTILITY	N/A		Adequate
PARKING/PAVING	3	IRRIG SYS 4				
DRAINAGE	3					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	18,100	1970	\$3,221,800	CMU and block.	Brick and EIFS.	Metal.
SSB-1	Salt/Sand Storage	Bulk Storage	3,950	1970	\$359,450	Plank wood.	Wood (painted).	Shingle.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	8,100	1984	\$737,100	Wood frame and concrete wall.	Concrete (painted)	Wood.
CSB-1	Cold Storage	Cold Storage	4,860	1970	\$442,260	Steel frame.	Metal.	Metal.
BSB-1	Bulk Storage	Bulk Storage	320	2004	\$0	Concrete wall.	Metal panels.	Shingle.
TOTAL COMPLEX SQ FT			35,330					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Adequate	3	3	2	3	3	5	3	3	4	5	3	3	3	4	0
SSB-1	Adequate	NA	3	4	3	0	0	4	3	0	0	0	0	0	0	0	0
SSB-2	Adequate	NA	3	4	3	0	0	0	0	0	0	0	3	0	3	4	0
CSB-1	Adequate	NA	3	4	3	0	3	4	3	3	3	0	3	0	3	4	0
BSB-1	Adequate	NA	3	3	3	0	0	3	3	0	0	0	0	0	0	0	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Southwest - Niles Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	SSB-1	Install T1-11 siding.	Paint has difficulty adhering to the wood due to salt leaching. Paint has chipped away exposing raw wood.	\$63,700
2016	GAR-1	Insulate walls.	Walls have low thermal resistance and require insulation to increase thermal properties.	\$20,400
2018	SSB-1	Convert salt/sand storage building to cold storage, including repairing asphalt floor.	Materials and equipment are exposed to the elements. Exposed materials (including cable barrier materials) and equipment have increased rate of corrosion and reduced service life.	\$33,200
2019	SSB-3	Design and construct 4,000 sq. ft. lean-to on SSB-3.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	\$186,300
2019	STE-1	Install bituminous pavement to/from building and create truck parking area.	No pavement to/from site areas. Lack of pavement creates environmental concern, no protection from spilled contaminants	\$216,000
Special Maintenance Total:				\$519,600

Assessment Rating:

0 = NOT APPLICABLE (N/A)

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3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

Paw Paw Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1003 East Michigan, Paw Paw MI 49079	Van Buren	(269) 657-4980	(269) 657-7894	6.00	04/11/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Operations		19	4,980 SQ FT	Fully Utilized	03/02/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	Paw Paw, Village of	Adequate
SITE REGULATORY COMPLIANCE	Inadequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	0	WATER UTILITY	Municipal	Paw Paw, Village of	Adequate
		LIGHTING	2	SEWAGE UTILITY	Municipal	Paw Paw, Village of	Adequate
		IRRIG SYS	2				
PARKING/PAVING	3						
DRAINAGE	1						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	24,600	1958	\$4,378,800	Steel frame.	CMU block (painted).	Metal with ThernaTec coating.
HSB-1	Heated Storage	Cold Storage	4,000	1976	\$364,000	Metal.	Metal panels (painted).	Metal
SSB-1	Salt/Sand Storage	Cold Storage	3,200	1984	\$291,200	Concrete and wood.	T1-11 (painted).	Shingle.
TOTAL COMPLEX SQ FT			31,800					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate	Adequate	2	2	2	5	4	2	2	2	2	2	2	2	2	1	0
HSB-1	Adequate	Adequate	3	4	3	0	0	1	3	3	0	0	0	0	3	4	0
SSB-1	Adequate	NA	3	3	3	0	0	4	3	3	0	0	3	0	3	3	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
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3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS**Southwest - Paw Paw Garage****Special Maintenance**

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	GAR-1	Add spray foam insulation to the ceiling.	Inadequate insulation resulting in heat loss.	\$158,100
2016	GAR-1	Core-fill all Concrete Masonry Unit (CMU) block walls.	Hollow CMU block walls have low thermal resistance and require core-fill to increase thermal properties. Interior paint has deteriorated.	\$20,400
2016	GAR-1	Install radiant heat in main garage.	Existing system is antiquated and is inefficient to operate.	\$89,300
2018	GAR-1	Paint interior walls of garage, parts room, washbay and boiler room. Repair source of leaks before painting.	Paint is showing signs of significant wear. The east wall of the boiler room and west wall of parts room have water damage due to leaking chimney.	\$56,200
2019	STE-1	Cold mill and replace pavement.	Existing pavement has deteriorated to unacceptable conditions showing signs of large cracks and potholes.	\$203,500
Special Maintenance Total:				\$527,500

Assessment Rating:

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1 = EXCELLENT (Annual Maintenance per Schedule)

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4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

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UNFUNDED PROJECTS
Southwest - Plainwell Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	GAR-1	Insulate ceiling and walls.	Ceiling and walls have low thermal resistance and require insulation to increase thermal properties.	\$83,800
2016	GAR-1	Install radiant heat in main garage.	Existing system is antiquated and is inefficient to operate.	\$89,300
2017	STE-1	Mill and resurface parking lot and drives.	Existing pavement has deteriorated to unacceptable conditions showing signs of large cracks and potholes.	\$335,600
Special Maintenance Total:				\$508,700

2012 FACILITY ASSESSMENT

Sawyer Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
5948 Sawyer Road, Sawyer MI 49125	Berrien	(269) 426-3700	(269) 426-3303	10.00	04/16/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		9	1,826 SQ FT	Fully Utilized	04/27/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	American Electric Power (AEP, Ind Mich Power)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present)	Natural Gas	SEMCO	Adequate
		SECURITY 0	WATER UTILITY	Municipal	Chikaming Township	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Chikaming Township	Adequate
		IRRIG SYS 3				
PARKING/PAVING		RATING 3				
DRAINAGE		3				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	19,600	1973	\$3,488,800	CMU block.	CMU and split face block.	Flat coated.
SSB-1	Salt/Sand Storage	Cold Storage	4,800	1976	\$436,800	Wood plank.	Wood (painted).	Shingle.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	8,100	1985	\$737,100	Concrete.	Concrete.	Concrete.
SSB-3	Salt/Sand Storage	Salt/Sand Storage	14,256	2007	\$1,297,296	Concrete and wood frame.	T1-11 Concrete	Shingle.
CSB-1	Cold Storage	Cold Storage	6,000	1994	\$546,000	CMU.	CMU (painted).	Flat coated.
TOTAL COMPLEX SQ FT			52,756					

BUILDING ASSESSMENT																		
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection	
GAR-1	Adequate	Adequate	3	3	4	3	2	2	3	3	2	2	2	3	3	2	0	
SSB-1	Adequate	NA	3	3	3	0	0	3	3	0	0	0	0	0	4	4	0	
SSB-2	Adequate	NA	3	3	3	0	0	0	0	0	0	0	3	0	3	4	0	
SSB-3	Adequate	NA	3	4	3	0	0	3	0	0	0	0	3	0	3	3	0	
CSB-1	Adequate	NA	3	4	3	3	0	3	3	3	0	0	3	0	3	4	0	

Assessment Rating:

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- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

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- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Southwest - Sawyer Garage

Major Capital				
<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	WSH-1	Design and construct 2,400 sq. ft. wash bay.	Existing equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location and increase risk of employee injury.	\$655,500
2018	GAR-1	Design and construct 4,800 sq. ft. addition to garage to accommodate the parking of tandem axle plow trucks.	For improved operations, MDOT is transitioning to use of large tandem trucks. Exposed equipment has increased rate of corrosion and reduced service life.	\$1,545,000
Major Capital Total:				\$2,200,500

Special Maintenance				
<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	SSB-2	Design and construct a 3,200 sq. ft. lean-to.	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	\$67,200
2016	GAR-1	Paint exterior.	Paint is chipping, fading, and peeling.	\$27,700
2016	SSB-3	Paint T1-11 siding.	Paint is chipping, fading, and peeling.	\$17,800
2018	SSB-1	Convert salt dome to cold storage (revised scope to limit spending).	Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life.	\$187,100
2019	STE-1	Pave areas to west and south of salt dome.	Areas to west and south of salt dome are gravel (unpaved).	\$254,800
Special Maintenance Total:				\$554,600

Assessment Rating:

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 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2012 FACILITY ASSESSMENT

South Haven Garage

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
09235 Blue Star Memorial Hwy, South Haven MI 49090	Van Buren	(269) 637-2408	(269) 637-9381	12.00	04/19/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		9	1,887 SQ FT	Fully Utilized	04/23/2009

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	South Haven, City of	Adequate
SITE REGULATORY COMPLIANCE	Inadequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	Michigan Gas Utilities	Adequate
		SECURITY	0	WATER UTILITY	Municipal	South Haven, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	South Haven, City of	Adequate
		IRRIG SYS	3				
PARKING/PAVING	RATING						
	3						
DRAINAGE	0						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Cold Storage	4,500	0	\$801,000	Steel and concrete.	Concrete.	Unknown.
GAR-2	Garage	Garage	22,400	1972	\$3,987,200	CMU block.	CMU and split face block (painted)	Flat.
SSB-1	Salt/Sand Storage	Cold Storage	2,400	1963	\$218,400	Wooden timber.	Wood timber (painted).	Shingle.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	7,000	1985	\$637,000	Concrete and wood.	T1-11 (painted).	Shingle.
SSB-3	Salt/Sand Storage	Salt/Sand Storage	9,936	2000	\$904,176	Concrete and metal.	T1-11 (painted).	Shingle.
CSB-1	Cold Storage	Cold Storage	2,400	1998	\$218,400	Wood pole barn.	Metal Siding.	Shingle.
TOTAL COMPLEX SQ FT			48,636					

BUILDING ASSESSMENT																			
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection		
GAR-1	Inadequate	Inadequate	3	3	4	4	0	2	2	3	0	0	0	0	3	3	0		
GAR-2	Adequate	Adequate	3	4	2	3	4	4	3	3	4	4	3	4	3	2	0		
SSB-1	Adequate	NA	3	4	3	0	0	5	3	0	0	0	3	0	3	2	0		
SSB-2	Adequate	NA	3	3	3	0	0	4	3	0	0	0	3	0	3	3	0		
SSB-3	Adequate	NA	3	4	3	0	0	4	3	0	0	0	3	0	3	3	0		
CSB-1	Adequate	NA	3	3	3	0	0	4	3	3	0	0	0	0	3	3	0		

Assessment Rating: 0 = NOT APPLICABLE (N/A)
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 2 = GOOD (Annual and Preventive Maintenance)

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UNFUNDED PROJECTS

Southwest - South Haven Garage

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	WSH-1	Design and construct 2,400 sq. ft. external wash bay.	Existing equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location. Increase risk of employee injury.	\$685,700
2017	GAR-1	Enlarge garage by adding a 4,000 sq. ft. addition to accommodate the parking of tandem axle plow trucks.	For improved operations, MDOT uses large tandem trucks which are longer than the single-axle trucks. This creates a logistic issue due to existing garage configuration for smaller trucks.	\$1,311,400
2018	CSB-2	Design and construct 800 sq. ft. cold storage building.	Many materials and equipment are stored outside and exposed to the elements thereby increasing the rate of corrosion and reducing the service life.	\$813,400
2018	GAR-2	Design and construct 224 sq. ft. addition and renovate existing office space.	Inadequate office and conference room space. There is no computer area. The mechanic and shop supply areas do not accommodate the necessity for emergency exits.	\$126,400
Major Capital Total:				\$2,936,900

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	GAR-2	Tuck point, paint exterior, and paint interior.	Interior and exterior paint is peeling and worn.	\$133,000
Special Maintenance Total:				\$133,000

2012 FACILITY ASSESSMENT

Southwest Region Maintenance Crews

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
6345 American Ave., Portage MI 49002	Kalamazoo	(269) 327-4499	(269) 327-6285	5.00	04/02/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Crews		29	5,385 SQ FT	Fully Utilized	03/23/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	3	WATER UTILITY	Municipal	Portage, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Portage, City of	Adequate
		IRRIG SYS	3				
PARKING/PAVING	5						
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
SPC-1	Maintenance Crews	Maintenance Crews	37,840	1990	\$6,735,520	Metal frame and CMU.	Block (painted) and metal panels.	Slightly pitched steel corrugated.
TOTAL COMPLEX SQ FT			37,840					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
SPC-1	Adequate	Inadequate	3	3	3	3	3	3	3	3	4	0	3	3	3	4	3

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2012 FACILITY ASSESSMENT

Southwest Region Office

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1501 Kilgore Rd., Kalamazoo MI 49001	Kalamazoo	(269) 337-3900	(269) 337-3909	8.00	04/24/2012
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Region Administration		102	22,000 SQ FT	Fully Utilized	03/04/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	4	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	3	WATER UTILITY	Municipal	Portage, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Kalamazoo, City of	Adequate
PARKING/PAVING	4	IRRIG SYS	3				
DRAINAGE	4						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
REG-1	Region Office	Region Office	22,000	1985	\$5,390,000	Steel and brick.	Brick.	Flat seamed with stone cover.	
TOTAL COMPLEX SQ FT			22,000						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
REG-1	Adequate	Inadequate	3	4	3	4	3	3	3	4	4	0	0	3	3	4	3

Assessment Rating:

REG500 00

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 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Southwest - Southwest Region Office

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	REG-1	Clean efflorescence on exterior brick and apply sealant.	Scale efflorescence on brick causing the brick to spall.	\$17,500
2017	REG-1	Install T8 ballast and lights to replace T12 that have not yet been changed.	Replace old T12 lights with new T8 electronic fluorescent fixtures.	\$62,000
2018	STE-1	Mill and replace top course.	Pavement is in poor condition with excessive cracking. The capacity of the lot is not adequate and it fills up when meetings are held.	\$371,000
2019	OFF-1	Replace ONAN backup generator.	The generator for this facility has failed multiple times in two years. This facility has an elevator and as a result a functional generator is required to supply power during an outage.	\$58,400
Special Maintenance Total:				\$508,900

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

REG500 00

2013 FACILITY ASSESSMENT

Adrian Garage

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Jersey, John	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2451 North Adrian Highway, Adrian MI 49221	Lenawee	(517) 263-0564	(517) 265-6328	10.00	05/28/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		12	2,600 SQ FT	Fully Utilized	08/08/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	Citizens Gas Fuel Company	Adequate
		SECURITY 0	WATER UTILITY	Municipal	Adrian, City of	Adequate
		LIGHTING 4	SEWAGE UTILITY	Municipal	Adrian, City of	Adequate
PARKING/PAVING		IRRIG SYS 4				
DRAINAGE						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	13,840	1962	\$2,463,520	Masonry and steel.	Masonry.	Metal.
HSB-1	Heated Storage	Heated Storage	4,800	1963	\$436,800	Metal	Metal	Metal w/Thermtec Coating
SSB-1	Salt/Sand Storage	Cold Storage	1,972	1965	\$179,452	Wood.	Wood.	Wood and Shingle
SSB-2	Salt/Sand Storage	Salt/Sand Storage	3,200	1981	\$291,200	Wood polebarn with siding.	Wood.	Wood Shingle.
SSB-3	Salt/Sand Storage	Salt/Sand Storage	8,064	1992	\$733,824	Concrete and wood.	Concrete and wood.	Wood Shingles
CSB-1	Cold Storage	Cold Storage	6,000	1994	\$546,000	Masonry and steel.	Masonry.	Metal and membrane.
TOTAL COMPLEX SQ FT			37,876					

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

BUILDING ASSESSMENT

BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate		3	1	3	3	3	4	3	3	5	3	3	3	3	1	3
HSB-1	Adequate		3	4	3	0	0	3	3	3	3	0	3	3	3	2	0
SSB-1	Adequate		3	3	3	0	0	2	0	0	0	0	0	0	0	0	0
SSB-2	Adequate		3	2	2	0	0	2	0	0	0	0	3	0	3	3	0
SSB-3	Adequate		3	2	3	0	0	2	0	0	0	0	3	0	3	3	0
CSB-1	Adequate		3	5	3	0	0	3	3	3	0	0	3	0	3	4	0

UNFUNDED PROJECTS

University - Adrian Garage

Special Maintenance

Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2015	GAR-1	Install energy efficient windows and pedestrian doors throughout the building.	The windows are Plexiglass. The pedestrian doors and frames are rusted.	\$23,500
2015	GAR-1	Replace roof over fleet repair area of garage.	The current roof system has leaked for years causing damage to the interior walls and structure.	\$114,400
2016	CSB-1	Paint exterior of building.	Exterior paint is peeling in many locations and is not providing proper protection to the building's masonry.	\$16,800
2016	HSB-1	Paint exterior of building.	Exterior paint is peeling in many locations and is not providing proper protection to the steel building.	\$12,000
Special Maintenance Total:				\$166,700

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
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3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Brighton Garage

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Thompson, Will	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
10102 East Grand River Ave., Brighton MI 48116	Livingston	(810) 229-4250		8.00	04/10/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		23	SQ FT	Fully Utilized	12/10/2009

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY 3	WATER UTILITY	Well		Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Brighton, City of	Adequate
PARKING/PAVING		IRRIG SYS 3				
DRAINAGE						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	13,994	1940	\$2,490,932	Masonry and steel.	Masonry and EIFS.	Concrete with membrane.
HSB-1	Heated Storage	Heated Storage	6,000	1976	\$546,000	Masonry and steel.	Masonry.	Metal and membrane.
HSB-2	Heated Storage	Heated Storage	5,000	1967	\$455,000	Steel.	Metal.	Metal
HSB-3	Heated Storage	Heated Storage	7,200	2005	\$655,200	Wood	Metal	Wood and Shingle
SSB-1	Salt/Sand Storage	Cold Storage	6,300	1982	\$573,300	Wood.	Wood.	Wood and Shingle
SSB-2	Salt/Sand Storage	Salt/Sand Storage	9,500	1995	\$864,500	Concrete and Wood.	Concrete and Wood.	Wood and Shingles
CSB-2	Cold Storage	Cold Storage	320	0	\$29,120	3-Sided - Wood Pole Barn.	Metal	Wood and shingle.
TOTAL COMPLEX SQ FT			48,314					

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

BUILDING ASSESSMENT

BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate		3	2	4	3	3	4	3	3	4	4	2	3	2	2	0
HSB-1	Adequate		3	5	3	5	4	5	3	3	3	0	5	3	3	4	0
HSB-2	Adequate		2	2	2	0	2	4	3	1	2	0	2	3	5	2	0
HSB-3	Adequate		2	2	2	0	2	2	2	2	2	0	2	2	2	2	0
SSB-1	Adequate		3	2	3	0	0	2	2	0	0	0	3	0	5	3	0
SSB-2	Adequate		2	2	2	0	0	2	2	0	0	0	2	0	5	5	0
CSB-2	Adequate		3	3	3	0	0	3	0	0	0	0	0	0	0	0	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
University - Brighton Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	HSB-1	Roof and exterior wall restoration.	The existing roof has significantly deteriorated and no longer provides protection to exterior walls which have been damaged as a result of the failing roof structure.	\$221,000
2015	HSB-1	Install ventilation system in building.	The current building does not have a ventilation system which is required for heated storage buildings.	\$101,200
2016	HSB-1	Replace all single-pane windows with new energy-efficient windows.	Existing windows are in poor condition and not energy efficient (single pane).	\$53,600
2016	HSB-2	Apply roof coating.	The current metal roof is showing rust which indicates failure of the current coating system.	\$26,800
2017	HSB-2	Replace floor drain.	Existing drain is failing.	\$23,100
2017	GAR-1	Concrete floor restoration.	The existing concrete floor in the main garage is very old with numerous cracks and surface spalling. Because the surface is not sealed it is difficult to clean.	\$138,000
2017	STE-1	Mill and resurface existing parking lot and driveways.	The existing pavement is extremely deteriorated. Some areas around the new washbay and HSB3 are gravel and need to be upgraded to hard surface.	\$514,100
2017	STE-1	Install new electronic slide entry gate.	Currently there is an old swinging style gate to close off the garage area north of Grand River.	\$37,300
2017	STE-1	Replace fence along east side of property.	Along the east portion of property line, fencing is either deteriorated or completely missing.	\$21,500
Special Maintenance Total:				\$1,136,600

Assessment Rating:

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 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

BUREAU/REGION	OWN/LEASE
University	Lease-Private
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

Facility Not Assessed

Brighton TSC

Leased Facility - Not Assessed

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
10321 E. Grand River, Suite 500, Brighton MI 48116	Livingston	(810) 227-4681			
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		39	10,867 SQ FT	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	
SITE REGULATORY COMPLIANCE	FENCING	0	GAS UTILITY (if present)	N/A	
	SECURITY	0	WATER UTILITY	N/A	
	LIGHTING	0	SEWAGE UTILITY	N/A	
PARKING/PAVING	IRRIG SYS	0			
DRAINAGE					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	10,867	0	\$2,662,415			
TOTAL COMPLEX SQ FT			10,867					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
University - Brighton TSC				
Major Capital				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2016	TSC-1	Design and construct new 9,890 sq. ft. TSC in Washtenaw County on MDOT owned property.	MDOT currently leases office space in Livingston County. The TSC services Livingston, Washtenaw, and Monroe Counties and the current location is not optimal for customer services.	\$5,626,500
Major Capital Total:				\$5,626,500

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Charlotte Garage

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Thompson, Will	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
905 Paine Drive, Charlotte MI 48813	Eaton	(517) 543-7642	(517) 543-6821	11.00	04/03/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		22	2,875 SQ FT	Fully Utilized	08/10/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY 0	WATER UTILITY	Municipal	Charlotte, City of	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Charlotte, City of	Adequate
PARKING/PAVING		IRRIG SYS 3				
DRAINAGE						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	14,400	1978	\$2,563,200	Masonry block walls.	Brick and metal.	Metal with membrane coating.
HSB-1	Heated Storage	Heated Storage	6,000	1985	\$546,000	Masonry and steel.	Masonry and metal.	Rolled membrane coating.
SSB-1	Salt/Sand Storage	Cold Storage	5,650	1978	\$514,150	Wood pole barn.	Metal siding.	Asphalt shingles.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	9,250	1998	\$841,750	Concrete with wood truss.	Concrete and wood siding.	Asphalt shingles.
TOTAL COMPLEX SQ FT			35,300					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate		3	3	4	4	3	3	3	3	5	3	3	3	3	4	0
HSB-1	Adequate		3	2	3	3	4	4	3	3	3	0	0	3	3	3	0
SSB-1	Adequate		3	2	3	0	0	2	3	3	0	0	0	0	3	3	0
SSB-2	Adequate		3	2	3	0	0	4	3	0	0	0	3	0	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
University - Charlotte Garage

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2019	WSH-1	Design and construct 2,400 sq. ft. external wash bay.	Equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location.	\$989,700
Major Capital Total:				\$989,700

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	GAR-1	Insulate mechanic's bay area roof (spray foam).	Inadequate insulation resulting in heat loss.	\$32,000
2016	GAR-1	Replace windows in mechanic's bay area and main garage with energy efficient product.	Existing windows are in poor condition and not energy efficient (single pane).	\$36,500
2017	GAR-1	Replace lighting system.	Lighting is insufficient for operations and not as energy efficient as modern systems.	\$37,200
2018	GAR-1	Paint the interior ceiling of garage.	Paint is peeling in the interior washbay area and throughout the garage. Of particular concern is the fact that trucks are washed inside the building so the ceiling is exposed to very high levels of moisture.	\$34,000
2018	STE-1	Mill and replace existing bituminous pavement.	Existing 0.3' to 0.4' of HMA over gravel. Recommended fix is to reconstruct with 5" of HMA and place ultra thin over the rest of the lot. Mill and fill 1.5" in the car parking area.	\$499,300
Special Maintenance Total:				\$639,000

2013 FACILITY ASSESSMENT

Grand Ledge Garage

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Thompson, Will	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
731 North Canal Road, Lansing MI 48917	Eaton	(517) 627-3276	(517) 627-3345	11.00	04/04/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		25	2,420 SQ FT	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	2	ELECTRICAL UTILITY	Electrical	Adequate
SITE REGULATORY COMPLIANCE	Adequate	4	GAS UTILITY (if present)	Natural Gas	Adequate
	Adequate	0	WATER UTILITY	Municipal	Adequate
	Adequate	2	SEWAGE UTILITY	Municipal	Adequate
	Adequate	2		Lansing Board of Water & Light	Adequate
	Adequate	4		Consumers Energy	Adequate
	Adequate	0		Delta Township	Adequate
	Adequate	2		Delta Township	Adequate
PARKING/PAVING	5				
DRAINAGE	2				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	12,659	1962	\$2,253,302	Masonry and steel.	Masonry and metal panels.	Metal with membrane coating.
HSB-1	Heated Storage	Heated Storage	4,000	1962	\$364,000	Metal.	Metal.	Metal and ThermTec coating.
SSB-1	Salt/Sand Storage	Cold Storage	9,936	1962	\$904,176	Wood.	Wood.	Wood and shingle.
SSB-2	Salt/Sand Storage	Cold Storage	5,650	1981	\$514,150	Wood polebarn construction.	Metal.	Wood and shingle.
SSB-3	Salt/Sand Storage	Salt/Sand Storage	9,936	1998	\$904,176	Concrete and wood.	Concrete and wood.	Wood and shingle.
CSB-1	Cold Storage	Cold Storage	6,000	1995	\$546,000	Masonry.	Masonry and metal.	Metal with membrane coating.
TOTAL COMPLEX SQ FT			48,181					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
HSB-1	Inadequate		2	3	3	0	3	3	3	3	4	0	4	2	3	3	0
SSB-1	Adequate		4	4	4	0	0	2	0	0	0	0	0	0	3	3	0
SSB-2	Adequate		3	2	3	0	0	2	2	0	0	0	5	0	3	2	0
SSB-3	Adequate		2	2	2	0	0	2	2	0	0	0	2	0	2	2	0
CSB-1	Adequate		2	2	2	2	2	3	2	1	0	0	2	0	2	2	0

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
University - Grand Ledge Garage

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2018	GAR-1	Design and construct 2,400 sq. ft. wash bay.	Equipment is washed within the main building. Moisture from washing activity is deteriorating structural integrity, as well as tools and equipment stored in same location.	\$768,000

Major Capital Total: \$768,000

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	GAR-1	Paint exterior.	Paint is deteriorating and no longer providing structural protection.	\$71,900
2016	GAR-1	Replace windows with energy efficient product.	Existing windows are in poor condition and not energy efficient (single pane).	\$18,600
2016	CSB-1	Replace existing roof membrane.	Membrane has deteriorated and no longer provides adequate structural protection. The warranty has expired.	\$40,200
2016	GAR-1	Apply roof coating.	Roof coating is showing signs of deterioration and needs to be recoated so the warranty can be extended.	\$48,300
2016	HSB-1	Apply roof coating.	Roof coating has deteriorated and no longer provides adequate structural protection. The warranty has expired.	\$18,500
2016	SSB-2	Install new ventilation system.	Current ventilation system is no longer operational.	\$11,500
2016	CSB-1	Install heating system.	Cold storage building is currently being used as an expanded garage operation due to insufficient space in the existing maintenance garage building.	\$64,800
2017	GAR-1	Install drains in mechanic's area.	Water is pooling resulting in accelerated deterioration of the concrete floor.	\$61,700
2017	SSB-3	Replace two (2) existing single-wall brine tanks.	Current single-wall brine tanks are old and do not have proper containment as required by code.	\$144,900

Assessment Rating:

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 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2017	STE-1	Rehabilitate HMA parking lot.	Current parking lot has alligator cracking which demonstrates total pavement failure. If this is addressed soon, the base will be salvageable.	\$543,200
2017	STE-1	Install new electronic slide gate.	The existing gate is manually operated and is near the end of its service life. Security consists of a chain and simple lock that is easily defeated by a thief.	\$46,900
2017	GAR-1	Install in-ground hoist for tandem-axle trucks.	Need hoist to lift tandem trucks. Currently the garage is equipped with 2 sets of portable hoists.	\$214,300
2017	GAR-1	Replace lighting system.	Lighting is insufficient for operations and not as energy efficient as modern systems.	\$38,900
2018	GAR-1	Design and construct a new maintenance garage.	The current garage is very old, with an outdated design that is too small for the current staff. There are a significant amount of projects that need to be completed to repair problems and update the building.	\$0 Pending Estimate
Special Maintenance Total:				\$1,323,700

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Jackson Testing Lab and Surveys

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Thompson, Will	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2800 N. Elm Rd, Jackson MI 49201	Jackson	(517) 780-7894	(517) 780-7892	2.00	04/09/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Materials Testing	Survey Operations	25	2,000 SQ FT	Fully Utilized	12/14/2009
SITE ASSESSMENT					
	<u>ADEQUACY</u>	<u>RATING</u>	<u>TYPE</u>	<u>VENDOR</u>	<u>ADEQUACY</u>
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present) Natural Gas	Consumers Energy	Adequate
	<u>RATING</u>	SECURITY 3	WATER UTILITY Well		Adequate
PARKING/PAVING 5		LIGHTING 3	SEWAGE UTILITY Municipal	Blackman Township	Adequate
DRAINAGE 4		IRRIG SYS 3			

BUILDINGS								
<u>BLDG CODE</u>	<u>CONSTRUCTED PURPOSE</u>	<u>CURRENT USE</u>	<u>TOTAL SIZE (SQ FT)</u>	<u>OCCUPANCY YEAR</u>	<u>ESTIMATED REPLACEMENT VALUE</u>	<u>STRUCTURE</u>	<u>EXTERIOR FINISH</u>	<u>ROOF TYPE</u>
GAR-1	Garage	Testing Lab	6,087	1974	\$1,083,486	Steel frame.	Block mason and metal siding.	Metal, coated.
TOTAL COMPLEX SQ FT			6,087					

BUILDING ASSESSMENT																	
<u>BLDG CODE</u>	<u>5 YR ADEQUACY</u>	<u>ADA COMPLIANCE</u>	<u>Structural</u>	<u>Exterior</u>	<u>Interior</u>	<u>Windows</u>	<u>Insulation</u>	<u>Roof</u>	<u>Overhead/ Sliding Doors</u>	<u>Service Doors</u>	<u>HVAC</u>	<u>Engine Exhaust</u>	<u>Ventilation</u>	<u>Plumbing (Int)</u>	<u>Electrical</u>	<u>Lighting</u>	<u>Fire Protection</u>
GAR-1	Adequate		3	3	3	4	3	3	3	3	3	0	3	3	3	4	3

UNFUNDED PROJECTS				
University - Jackson Testing Lab and Surveys				
Special Maintenance				
<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	STE-1	Fill in loading area and pave. Add new fencing and rail. Rework canopy.	Loading dock is unsafe, inefficient, and does not drain well.	\$87,200
2017	GAR-1	Replace all T12 lighting with energy efficient T8 lighting.	The existing lighting is insufficient for operations, is nearing the end of its life and is not energy efficient.	\$56,300
Special Maintenance Total:				\$143,500

2013 FACILITY ASSESSMENT

Jackson TSC

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Thompson, Will	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2750 N. Elm Rd., Jackson MI 49201	Jackson	(517) 780-7540	(517) 783-5454	2.00	04/09/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		21	8,474 SQ FT	Fully Utilized	08/09/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	0	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	3	WATER UTILITY	Well		Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Blackman Township	Adequate
		IRRIG SYS	3				
PARKING/PAVING	4						
DRAINAGE	3						

BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	8,474	1998	\$2,076,130	Wood frame.	Vinyl and brick.	Shingle.
TOTAL COMPLEX SQ FT			8,474					

BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
TSC-1	Adequate		3	3	3	3	3	3	0	3	3	0	3	3	3	3	3

UNFUNDED PROJECTS

University - Jackson TSC

Apnn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2016	STE-1	Reconstruct drive back to administration building with 5" of HMA. Mill and fill 1.5" in the car parking area.	Existing 0.3' to 0.4' of HMA over gravel.	\$152,200
Special Maintenance Total:				\$152,200

2013 FACILITY ASSESSMENT

Mason Garage

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
601 Jewett, Mason MI 48854	Ingham	(517) 676-1029	(517) 676-8755	13.00	04/11/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Operations		12	120 SQ FT	Fully Utilized	08/10/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	3	ELECTRICAL UTILITY	Electrical	Consumers Energy
SITE REGULATORY COMPLIANCE	Adequate	3	GAS UTILITY (if present)	Natural Gas	Consumers Energy
	Adequate	3	WATER UTILITY	Well	Adequate
	Adequate	3	SEWAGE UTILITY	Municipal	Adequate
	Adequate	3		Mason, City of	Adequate
PARKING/PAVING	3				
DRAINAGE	3				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	11,484	1960	\$2,044,152	Masonry ridge frame.	Masonry and EIFS.	Metal with ThermTec membrane.
HSB-1	Heated Storage	Heated Storage	4,800	1965	\$436,800	Metal.	Metal.	Metal and ThermTec Membrane.
SSB-1	Salt/Sand Storage	Cold Storage	5,650	1980	\$514,150	Wood pole barn.	Metal.	Wood shingles.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	9,936	2001	\$904,176	Concrete and wood.	Concrete and wood.	Wood and shingles.
CSB-1	Cold Storage	Cold Storage	6,000	1995	\$546,000	Masonry and metal.	Masonry.	Metal with membrane coating.
TOTAL COMPLEX SQ FT			37,870					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate		3	2	3	4	3	4	3	3	4	3	3	3	3	4	3
HSB-1	Adequate		3	4	2	0	2	3	3	3	3	0	3	0	3	4	0
SSB-1	Adequate		3	2	3	0	0	2	3	3	0	0	3	0	3	4	0
SSB-2	Adequate		3	4	3	0	0	5	3	0	0	0	3	0	3	3	0
CSB-1	Adequate		3	4	3	3	0	4	3	3	0	0	3	0	3	4	0

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
University - Mason Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	SSB-2	Paint exterior.	Paint is deteriorating and no longer providing structural protection.	\$17,900
2016	SSB-2	Coat shingled roof.	Shingles showing signs of wear with missing granules, cupping, and curling. Some shingles have blown off.	\$51,900
2016	SSB-2	Install metal siding.	Existing siding is in poor condition with peeling paint.	\$48,600
2016	CSB-1	Paint exterior of cold storage building.	Cold storage building paint is peeling and needs replacement.	\$15,400
2017	GAR-1	Replace lighting system.	Lighting is insufficient for operations and not as energy efficient as modern systems.	\$29,200
2017	SSB-1	Install efficient fluorescent lighting in SSB-1.	Existing heated storage building lighting is inefficient metal halide.	\$30,000
2017	CSB-1	Install efficient fluorescent lighting in CSB-1.	Existing cold storage building lighting is inefficient metal halide.	\$14,400
2018	GAR-1	Install efficient fluorescent lighting.	Existing garage lighting is inefficient metal halide.	\$32,400
Special Maintenance Total:				\$239,800

2013 FACILITY ASSESSMENT

University Region Maintenance Crews

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Thompson, Will	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
800 Chanter, Jackson MI 49201	Jackson	(517) 783-3852	(517) 783-3671	4.00	04/09/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Crews		12	3,000 SQ FT	Fully Utilized	12/15/2009

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Consumers Energy Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 4	GAS UTILITY (if present)	Natural Gas	Consumers Energy Adequate
		SECURITY 3	WATER UTILITY	Well	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Blackman Township Adequate
PARKING/PAVING	5	IRRIG SYS 3			
DRAINAGE	4				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
SPC-1	Maintenance Crews	Maintenance Crews	23,119	1995	\$4,115,182	Mason.	Mason and metal.	Membrane.
HSB-1	Heated Storage	Heated Storage	6,000	1987	\$546,000	Mason.	Mason.	Membrane
CSB-1	Cold Storage	Cold Storage	1,560	1992	\$141,960	Wood frame.	Metal.	Shingle.
TOTAL COMPLEX SQ FT			30,679					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
SPC-1	Adequate		3	4	3	3	3	4	3	4	3	4	3	3	3	3	3
HSB-1	Adequate		3	3	3	4	3	5	2	3	3	0	3	0	3	3	0
CSB-1	Adequate		3	3	3	0	0	5	3	3	0	0	0	0	3	4	0

Assessment Rating:

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UNFUNDED PROJECTS
University - University Region Maintenance Crews

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	SPC-1	Install new membrane roofing system.	Current membrane roof is at the end of its service life and is exhibiting signs of deterioration.	\$145,700
2016	SPC-1	Replace damaged service doors and frames.	Some of the service doors and frames around the building are badly rusted and deteriorated.	\$33,200
2016	SPC-1	Install new engine exhaust system.	Current exhaust system is not functioning properly and can no longer be repaired.	\$42,300
2016	SPC-1	Paint exterior of building.	Exterior paint is peeling in many locations and is not providing proper protection of the masonry.	\$38,200
2016	STE-1	Remove and replace fencing.	Existing fence is in poor condition.	\$25,200
Special Maintenance Total:				\$284,600

2013 FACILITY ASSESSMENT

Williamston Garage

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Jersey, John	
FACILITY A&O REPRESENTATIVE	
Hoop, Bill	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
3737 East Grand River Ave, Williamston MI 48895	Ingham	(517) 373-3913	(517) 521-1263	10.00	04/08/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		18	SQ FT	Fully Utilized	12/15/2009

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 4	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY 0	WATER UTILITY	Well		Adequate
		LIGHTING 3	SEWAGE UTILITY	Septic		Adequate
PARKING/PAVING	5	IRRIG SYS 3				
DRAINAGE	3					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	15,382	1964	\$2,737,996	Masonry and steel.	EIFS and masonry.	Metal with ThermTec Membrane
HSB-1	Heated Storage	Heated Storage	4,800	1964	\$436,800	Steel.	Metal.	Steel.
SSB-1	Salt/Sand Storage	Cold Storage	5,600	1980	\$509,600	Wood.	Wood.	Wood and shingles.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	8,064	1994	\$733,824	Concrete and wood.	Concrete and wood.	Wood and shingles.
CSB-1	Cold Storage	Cold Storage	6,000	1988	\$546,000	Masonry and steel.	Masonry.	Metal with membrane.
TOTAL COMPLEX SQ FT			39,846					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate		3	3	4	3	3	3	3	3	2	2	3	3	3	2	0
HSB-1	Adequate		3	4	3	0	3	3	3	3	3	0	0	0	3	2	0
SSB-1	Adequate		3	2	4	0	0	4	3	2	0	0	3	0	3	4	0
SSB-2	Adequate		2	2	3	0	0	2	3	0	0	0	3	0	3	4	0
CSB-1	Adequate		2	4	3	4	0	4	3	3	0	0	3	0	3	4	0

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
University - Williamston Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	STE-1	Reconstruct with 5" of HMA and ultra-thin over the remaining maintenance lot. Mill and fill 1.5" in the car parking area.	Existing pavement is 0.3' to 0.4' of HMA over gravel. This facility supports road maintenance operations and has frequent heavy equipment traffic.	\$428,900
2016	CSB-1	Paint exterior and interior.	Paint is deteriorating and no longer providing structural protection.	\$14,400
2017	STE-1	Install new aluminum slide gate, replace 550 ft. of fence, including posts, fabric and 3 strand barbed wire top and arm supports. Replace 400 ft. of 3 strand barbed wire top and arm supports.	South side fencing and gate on the west side of building are in poor condition.	\$38,100
2017	SSB-2	Replace sodium lighting inside salt storage building.	Inefficient/dated lighting.	\$23,300
2018	GAR-1	Paint garage interior.	Paint peeling, scaling needs replacement.	\$58,200
Special Maintenance Total:				\$562,900

Assessment Rating:

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 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Blue Water Bridge Plaza

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Bartus, Joe	
FACILITY A&O REPRESENTATIVE	
Hoop, Bill	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1410 Elmwood, Port Huron MI 48060	St. Clair	(810) 984-3131	(810) 984-1810	53.00	04/30/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Bridge Operations		27	22,208 SQ FT	Fully Utilized	03/22/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon) Inadequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present)	Nat	SEMCO Adequate
		SECURITY 2	WATER UTILITY	Municipal	Port Huron, City of Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	Port Huron, City of Adequate
PARKING/PAVING	4	IRRIG SYS 3			
DRAINAGE	3				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
OFF-1	Office Building	Office Building	22,208	1995	\$3,886,400	Concrete and steel.	Concrete.	Rubber membrane.
GEN-1	Emergency Generator	Emergency Generator	400	2001	\$36,400	Block.	Block.	Rubber membrane.
CSB-1	Containment Cold Storage	Containment Cold Storage	896	2001	\$81,536	Wood.	Metal.	Wood and shingle.
TLB-1	Toll Booth	Toll Booth	1,687	0	\$153,517	Steel and concrete.	Concrete and metal.	Metal.
INS-1	Inspection Facility	Inspection Facility	28,930	1995	\$2,632,630	Steel/Block	Brick/Concrete	Built-up
INS-2	Inspection Facility	Other	324	1995	\$29,484	Steel and concrete.	Metal and limestone.	Rubber membrane.
TOTAL COMPLEX SQ FT			54,445					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
OFF-1	Inadequate		3	3	4	3	3	4	0	4	5	0	3	2	3	3	5
GEN-1	Adequate		2	2	3	0	0	2	0	2	3	2	3	3	2	2	0
CSB-1	Adequate		2	3	2	0	0	2	3	3	0	0	0	0	2	2	0
TLB-1	Adequate		5	5	3	3	5	2	0	5	3	0	0	0	3	4	0
INS-1	Adequate		3	3	3	2	3	3	3	4	5	0	4	2	4	2	5
INS-2	Inadequate		4	4	4	3	3	3	0	4	5	0	0	3	4	4	0

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 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
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 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Metro - Blue Water Bridge Plaza

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	TLB-1	Replace the canopy lighting at the toll booths.	Existing lighting needs replacement and is not utilizing energy efficient fixtures.	\$0 Pending Estimate
2018	INS-1	Replace Mammoth HVAC units on roof.	The current HVAC needs replacement. Existing system is routinely repaired by Blue Water Bridge staff.	\$0 Pending Estimate
2018	STE-1	Resurface existing parking lot and expand existing parking lot.	The existing parking lot pavement is in bad condition. It needs to be resurfaced. Along with this, the existing parking lot is inadequately sized for the amount of vehicles that park at the Administration and Inspection facilities.	\$0 Pending Estimate
2019	INS-1	Repair or replace east elevator in the Truck and Cargo Inspection Facility.	East elevator will get stuck about once a month requiring repairs and down time.	\$229,300
2019	INS-1	Repair electrical systems in inspection building.	Inspection building electrical system is in poor condition.	\$0 Pending Estimate
2019	OFF-1	Replace Mammoth HVAC units on roof.	The current HVAC needs replacement. Existing system is routinely repaired by Blue Water Bridge staff.	\$0 Pending Estimate
Special Maintenance Total:				\$229,300

2013 FACILITY ASSESSMENT

Brush Street Garage

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Silver, Mia	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
5811 Brush Street, Detroit MI 48208	Wayne	(313) 875-9066	(313) 875-0752	1.00	05/15/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Operations	Salt/Sand Storage	0	600 SQ FT	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Inadequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon) Adequate
SITE REGULATORY COMPLIANCE	Inadequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon) Adequate
		SECURITY 4	WATER UTILITY	Municipal	Detroit Water and Sewage Department Adequate
		LIGHTING 4	SEWAGE UTILITY	Municipal	Detroit Water and Sewage Department Adequate
PARKING/PAVING		IRRIG SYS 4			
DRAINAGE					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	5,500	1976	\$979,000	Steel and Masonry	Masonry	Metal
SSB-1	Salt/Sand Storage	Salt/Sand Storage	1,800	1976	\$163,800	Concrete.	Masonry.	Metal.
CSB-1	Cold Storage	Cold Storage	420	2005	\$38,220	Wood.	Metal.	Metal.
TOTAL COMPLEX SQ FT			7,720					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate		3	4	4	2	4	4	4	2	5	0	4	3	3	4	0
SSB-1	Adequate		3	3	3	0	0	4	4	0	0	0	4	0	3	5	0
CSB-1	Adequate		3	3	3	0	0	3	3	0	0	0	0	0	0	0	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Metro - Brush Street Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	GAR-1	Replace and install new Vinyl Composition Tile (VCT) through entire office area.	Current tile and painted floor is significantly worn.	\$44,500
2019	GAR-1	New corrugated metal roof for the garage/office building.	Corrugated metal roof is showing signs of deterioration.	\$205,300
2019	GAR-1	Replace existing exhaust fan system.	The existing exhaust fan system is in very poor condition and there is no ventilation supply air provided in the garage.	\$70,300
2019	GAR-1	Remove and install two (2) new overhead door systems.	The existing overhead doors are in poor condition and require frequent maintenance.	\$23,100
Special Maintenance Total:				\$343,200

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Caniff-Greeley Salt Storage Building

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Silver, Mia	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
10200 Greeley Street, Detroit MI 48211	Wayne	(810) 650-5921	(313) 295-0844	0.69	05/07/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Salt/Sand Storage		0	0 SQ FT	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 0	ELECTRICAL UTILITY Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Inadequate	FENCING 4	GAS UTILITY (if present) N/A		
		SECURITY 0	WATER UTILITY N/A		
		LIGHTING 4	SEWAGE UTILITY N/A		
PARKING/PAVING 5		IRRIG SYS 4			
DRAINAGE 3					

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
SSB-1	Salt/Sand Storage	Salt/Sand Storage	4,000	1980	\$364,000	Wood.	Wood.	Wood and shingles.	
SSB-2	Salt/Sand Storage	Salt/Sand Storage	4,500	1980	\$409,500	Wood.	Wood.	Wood Shingles.	
TOTAL COMPLEX SQ FT			8,500						

BUILDING ASSESSMENT																		
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection	
SSB-1	Inadequate		3	3	3	0	0	2	3	0	0	0	3	0	3	3	0	
SSB-2	Inadequate		3	3	3	0	0	2	3	0	0	0	3	0	3	3	0	

UNFUNDED PROJECTS				
Metro - Caniff-Greeley Salt Storage Building				
Major Capital				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2017	SSB-3	Construct new Salt/Sand Storage Building (SSB-3). Demolish existing SSB-1 and SSB-2.	The two existing salt/sand storage buildings are non-DEQ compliant and have ongoing structural deficiencies.	\$0 Pending Estimate
Major Capital Total:				\$0

2013 FACILITY ASSESSMENT

Detroit Garage

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Bartus, Joe	
FACILITY A&O REPRESENTATIVE	
Hoop, Bill	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1500 E. Ferry Street, Detroit MI 48211	Wayne	(313) 874-2140	(313) 874-2173	10.00	05/22/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Garage		16	2,000 SQ FT	Fully Utilized	03/05/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present) Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY 3	WATER UTILITY Municipal	Detroit Water and Sewage Department	Adequate
		LIGHTING 2	SEWAGE UTILITY Municipal	Detroit Water and Sewage Department	Adequate
PARKING/PAVING	2	IRRIG SYS 2			
DRAINAGE	4				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Garage	24,146	2007	\$4,297,988	Steel and masonry.	Masonry and metal.	Metal.
SSB-1	Salt/Sand Storage	Salt/Sand Storage	10,638	2004	\$968,058	Concrete and wood.	Concrete and wood.	Wood shingle.
CSB-1	Cold Storage	Cold Storage	30,000	0	\$2,730,000	Steel.	Metal.	Metal.
TOTAL COMPLEX SQ FT			64,784					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
GAR-1	Adequate		2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
SSB-1	Adequate		2	2	2	0	0	2	2	0	0	0	2	2	3	3	0
CSB-1	Inadequate		5	5	5	0	0	5	3	3	0	0	2	0	3	2	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

**UNFUNDED PROJECTS
Metro - Detroit Garage**

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	CSB-2	Demo existing building and design and construct 12,000 sq. ft. cold storage building.	The existing CSB is dilapidated and floods during rains and snow melts. Exposed materials and equipment have increased rate of corrosion and reduced service life. During periods of freeze/thaw flooded areas become hazardous to employees.	\$659,100
2016	GAR-1	Replace floor in mechanic's bay and add adequate drainage structures.	The existing floor in the mechanic's bay regularly floods and retains standing water during heavy rains and snow melts. The standing water needs to be swept away to alleviate the hazardous situation.	\$95,200
2016	STE-1	Add additional exterior lighting on the south and east side of site.	There is poor lighting on along the south and east sides of site.	\$226,000
2017	STE-1	Correct drainage along east side of building and site.	Water pools along east side of building due to improper site drainage. Early signs of structure damage due to water pooling against foundation.	\$336,500
2017	STE-1	Correct poor drainage in the parking lot, south side, and west side of site.	The existing site has poor drainage which ponds and floods.	\$0 Pending Estimate
2018	GAR-1	Replace the existing metal halide lighting fixtures inside the garage with electronic fluorescent fixtures.	The existing lights are inefficient.	\$34,000
Special Maintenance Total:				\$1,350,800

2013 FACILITY ASSESSMENT

Detroit Operations and Service Center

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Silver, Mia	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

Shared facility. Square footage breakdown: Detroit TSC - 18,096; SEMTOC - 22,621; OBD - 4,524.

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1060 W. Fort Street, Detroit MI 48226	Wayne	(517) 111-1111		2.26	05/16/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center	ITS/BOD/Other	52	45,241 SQ FT	Fully Utilized	07/01/2012

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	2	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	2	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	2	WATER UTILITY	Municipal	Detroit Water and Sewage Department	Adequate
		LIGHTING	2	SEWAGE UTILITY	Municipal	Detroit Water and Sewage Department	Adequate
		IRRIG SYS	2				
PARKING/PAVING	2						
DRAINAGE	2						

BUILDINGS		TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE					
TSC-1	Transportation Service Center	Transportation Service Center	2012	\$11,084,045	Steel	Metal	Membrane
		TOTAL COMPLEX SQ FT	45,241				

BUILDING ASSESSMENT		Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE														
TSC-1	Adequate		2	2	2	2	2	0	2	2	0	2	2	2	2	2

UNFUNDED PROJECTS

Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

Ford/Wyoming Salt Storage Building

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Bartus, Joe	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
10017 Ford Rd, Dearborn MI 48216	Wayne			1.00	05/09/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Salt/Sand Storage		0	0 SQ FT	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 0	ELECTRICAL UTILITY Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Inadequate	FENCING 4	GAS UTILITY (if present) N/A		
		SECURITY 0	WATER UTILITY N/A		
		LIGHTING 0	SEWAGE UTILITY N/A		
PARKING/PAVING		IRRIG SYS 0			
DRAINAGE					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
SSB-1	Salt/Sand Storage	Salt/Sand Storage	4,000	1976	\$364,000	Wood.	Metal and wood.	Asphalt shingle.
SSB-2	Salt/Sand Storage	Salt/Sand Storage	3,200	1976	\$291,200	Wood.	Metal and wood.	Wood.
TOTAL COMPLEX SQ FT			7,200					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
SSB-1	Adequate		3	3	4	0	0	5	3	0	0	0	4	0	3	4	0
SSB-2	Adequate		3	4	3	0	0	3	4	0	0	0	4	0	3	4	0

Assessment Rating:

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS**Metro - Ford/Wyoming Salt Storage Building****Special Maintenance**

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	STE-1	Replace fence and gates.	Fence and gates are deteriorating.	\$52,100
2018	STE-1	Remove remaining pavement, perform necessary earthwork, and install new pavement (6" HMA) with 6" aggregate base and 10" subbase.	Existing pavement has deteriorated to unacceptable conditions with large cracks and potholes. This facility supports road maintenance operations and has frequent heavy equipment traffic.	\$131,300
Special Maintenance Total:				\$183,400

Assessment Rating:

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

M-102 - US-24 Salt Storage Building

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Bartus, Joe	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE		
24031 W. 8 Mile Road, Detroit MI 48219	Wayne			1.00	05/09/2013		
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT		
Salt/Sand Storage		0	0	Fully Utilized			
SITE ASSESSMENT		<u>ADEQUACY</u>	<u>RATING</u>	<u>TYPE</u>	<u>VENDOR</u>	<u>ADEQUACY</u>	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Inadequate	FENCING	3	GAS UTILITY (if present)	N/A		
	<u>RATING</u>	SECURITY	0	WATER UTILITY	N/A		
PARKING/PAVING	5	LIGHTING	0	SEWAGE UTILITY	N/A		
DRAINAGE	3	IRRIG SYS	0				

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
SSB-1	Salt/Sand Storage	Salt/Sand Storage	4,500	1976	\$409,500	Wood.	Metal and wood.	Shingles.	
TOTAL COMPLEX SQ FT			4,500						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
SSB-1	Adequate		3	4	3	0	0	3	3	0	0	0	4	0	3	5	0

UNFUNDED PROJECTS

Metro - M-102 - US-24 Salt Storage Building

Special Maintenance				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2016	SSB-1	Reskin entire building including soffit and fascia.	Existing metal panels are missing and/or rusting.	\$54,200
2018	STE-1	Remove remaining pavement, perform necessary earthwork and install new pavement (6" HMA) with 6" aggregate base and 10" subbase.	Pavement has deteriorated beyond surface level repair, and there are several areas where no pavement remains. This facility supports road maintenance operations and has frequent heavy equipment traffic.	\$135,100
Special Maintenance Total:				\$189,300

Facility Not Assessed

2013 FACILITY ASSESSMENT

Macomb-St. Clair TSC

Leased Facility - Not Assessed

BUREAU/REGION	OWN/LEASE
Metro	Lease-Private
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
26170 21 Mile Road, Chesterfield Township MI 48310	Macomb				
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		37	10,428 SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS		0	ELECTRICAL UTILITY	Electrical	
SITE REGULATORY COMPLIANCE	FENCING		0	GAS UTILITY (if present)	N/A	
	SECURITY		0	WATER UTILITY	N/A	
	LIGHTING		0	SEWAGE UTILITY	N/A	
	IRRIG SYS		0			
PARKING/PAVING			0			
DRAINAGE			0			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	10,428	0	\$2,554,860			
TOTAL COMPLEX SQ FT			10,428					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Metro - Macomb-St. Clair TSC				
Major Capital				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2019	TSC-1	Design and construct new TSC and testing lab.	The TSC and testing lab currently operate from separate leased facilities in Macomb County with inadequate space to efficiently conduct daily operations.	\$9,678,100
Major Capital Total:				\$9,678,100

2013 FACILITY ASSESSMENT

Metro Region Maintenance Crews

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Silver, Mia	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2945 Lapeer Road, Auburn Hills MI 48326	Oakland	(248) 373-4900	(248) 373-2322	22.00	05/07/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Crews		22	7,735 SQ FT	Fully Utilized	11/23/2009

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	1	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Inadequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	4	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	0	WATER UTILITY	Municipal	Auburn Hills, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Auburn Hills, City of	Adequate
PARKING/PAVING	4	IRRIG SYS	3				
DRAINAGE	4						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
OFF-1	Office Building	Office Building	7,735	1985	\$1,353,625	Masonry.	Masonry and metal.	Rubber membrane.
GAR-1	Garage	Maintenance Crews	12,450	1985	\$2,216,100	Masonry.	Masonry and metal.	Rubber membrane.
HSB-1	Heated Storage	Heated Storage	10,000	1991	\$910,000	Masonry.	Masonry.	Rubber membrane.
CSB-1	Cold Storage	Cold Storage	14,336	2000	\$1,304,576	Steel.	Metal.	Metal.
TOTAL COMPLEX SQ FT			44,521					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
OFF-1	Adequate		3	3	3	3	3	2	3	3	3	0	3	3	5	2	0
GAR-1	Adequate		3	2	3	5	3	2	3	3	3	2	3	3	3	2	0
HSB-1	Adequate		2	2	2	5	4	3	3	3	5	0	3	3	3	3	0
CSB-1	Adequate		2	2	2	0	0	2	2	2	0	0	2	0	2	2	0

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

Metro - Metro Region Maintenance Crews

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2019	STE-1	1.5" HMA mill and resurface of existing pavement on site.	Pavement has been patched to a point where it feasibly makes sense to complete an overall surface repair to the entire site in order to extend the life of the existing pavement.	\$119,800
2019	OFF-1	Roof and exterior wall restoration.	The exterior surface is showing signs of significant wear.	\$30,800
Special Maintenance Total:				\$150,600

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Metro Region Office

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Silver, Mia	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
18101 W. Nine Mile Rd., Southfield MI 48075	Oakland	(248) 483-5100	(248) 569-3103	3.00	05/08/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Region Administration		88	24,000 SQ FT	Fully Utilized	03/30/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	4	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	2	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	4	WATER UTILITY	Municipal	Southfield, City of	Adequate
		LIGHTING	2	SEWAGE UTILITY	Municipal	Southfield, City of	Adequate
PARKING/PAVING	4	IRRIG SYS	2				
DRAINAGE	3						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
REG-1	Region Office	Region Office	24,000	2002	\$5,880,000	Steel, Masonry	Masonry	Membrane	
TOTAL COMPLEX SQ FT			24,000						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
REG-1	Adequate		3	3	3	4	3	3	0	3	4	0	3	3	3	3	3

UNFUNDED PROJECTS				
Metro - Metro Region Office				
Special Maintenance				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2018	REG-1	Remove and replace carpet throughout office.	Existing carpet is showing signs of wear and deterioration.	\$87,000
2018	STE-1	Crack seal, seal coat and restore the existing parking lot.	The existing lot is beginning to show signs of deterioration.	
Special Maintenance Total:				\$87,000

2013 FACILITY ASSESSMENT

BUREAU/REGION	OWN/LEASE
Metro	Lease-Private
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

Facility Not Assessed

Metro Testing Lab Leased Facility - Not Assessed

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
35414 Mound Road, Sterling Heights MI 48310	Macomb	(586) 826-8992	(586) 826-8996		
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Materials Testing		9	5,662 SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS	0	0	ELECTRICAL UTILITY	Electrical	
SITE REGULATORY COMPLIANCE	FENCING	0	0	GAS UTILITY (if present)	N/A	
	SECURITY	0	0	WATER UTILITY	N/A	
	LIGHTING	0	0	SEWAGE UTILITY	N/A	
	IRRIG SYS	0	0			
PARKING/PAVING	RATING	0				
DRAINAGE		0				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TST-1	Testing Lab	Testing Lab	5,662	0	\$990,850			
TOTAL COMPLEX SQ FT			5,662					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
-				
				Total:

2013 FACILITY ASSESSMENT

Oakland TSC

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Silver, Mia	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
800 Vanguard Drive, Pontiac MI 48341	Oakland	(248) 451-0001	(248) 451-0108	5.00	05/06/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		36	16,700 SQ FT	Fully Utilized	07/01/2009

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon) Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Natural Gas	Consumers Energy Adequate
		SECURITY 2	WATER UTILITY	Municipal	Oakland County Water Resource Commission Adequate
		LIGHTING 2	SEWAGE UTILITY	Municipal	Oakland County Water Resource Commission Adequate
PARKING/PAVING	3	IRRIG SYS 2			
DRAINAGE	4				

BUILDINGS		TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE					
TSC-1	Transportation Service Center	Transportation Service Center	2009	\$4,091,500	Wood.	Brick and vinyl.	Shingle.
TST-1	Testing Lab	Testing Lab	2009	\$105,000	Wood	Vinyl siding	Asphalt shingles
TOTAL COMPLEX SQ FT		17,300					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
TSC-1	Adequate		2	2	2	3	2	2	0	2	3	0	2	2	2	2	2
TST-1	Adequate		2	2	2	2	2	2	2	2	2	0	2	2	2	2	2

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

Pelham Yard Salt Storage Building

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Bartus, Joe	
FACILITY A&O REPRESENTATIVE	
Hoop, Bill	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
6101 Pelham Rd., Allen Park MI 48101	Wayne			1.00	05/13/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Salt/Sand Storage		0	0	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	4	GAS UTILITY (if present)	N/A		
		SECURITY	0	WATER UTILITY	N/A		
		LIGHTING	4	SEWAGE UTILITY	N/A		
		IRRIG SYS	4				
PARKING/PAVING	4						
DRAINAGE	4						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
SSB-1	Salt/Sand Storage	Salt/Sand Storage	8,064	1992	\$733,824	Concrete and wood.	Concrete and wood.	Wood and shingles.
TOTAL COMPLEX SQ FT			8,064					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
SSB-1	Adequate		4	4	4	0	0	3	4	0	0	0	3	0	4	4	0

UNFUNDED PROJECTS

Metro - Pelham Yard Salt Storage Building

Special Maintenance				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2017	STE-1	Correct site drainage.	Southwest corner of site and area behind salt shed are retaining water.	\$41,400
Special Maintenance Total:				\$41,400

UNFUNDED PROJECTS
Metro - Port Huron Garage

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	STE-1	1.5" HMA mill and resurface of existing pavement on site. Replace concrete curbs around the office/garage parking area.	Multiple longitudinal and transverse cracks with several areas of fatigue cracking, saturated/ undermined sub base adjacent to drain structures. This facility supports road maintenance operations and has frequent heavy equipment traffic.	\$158,000
2019	GAR-1	Construct a lean-to on the south side of the maintenance garage.	Insufficient equipment storage.	\$132,000
Special Maintenance Total:				\$290,000

2013 FACILITY ASSESSMENT

Port Huron Project Office (Temporary)

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Bartus, Joe	
FACILITY A&O REPRESENTATIVE	
Hoop, Bill	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2127 11th Avenue, Port Huron MI 48060	St. Clair	(810) 985-5011	(810) 985-5042	1.00	05/24/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Project Office		22	6,110 SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	4	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	2	WATER UTILITY	Municipal	Port Huron, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Port Huron, City of	Adequate
		IRRIG SYS	3				
PARKING/PAVING	3						
DRAINAGE	3						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
TSC-1	Transportation Service Center	Project Office	6,110	2000	\$1,496,950	Wood.	Masonry and vinyl.	Wood shingles.	
TOTAL COMPLEX SQ FT			6,110						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
TSC-1	Adequate		3	3	3	3	3	3	0	3	3	0	2	3	2	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

Taylor TSC

BUREAU/REGION	OWN/LEASE
Metro	Own
REGION REPRESENTATIVE	
Bartus, Joe	
FACILITY A&O REPRESENTATIVE	
Hoop, Bill	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
6510 Telegraph, Taylor MI 48180	Wayne	(313) 375-2400	(313) 295-0822		05/13/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Transportation Service Center		37	11,832 SQ FT	Fully Utilized	07/01/2009

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 2	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon) Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon) Adequate
		SECURITY 2	WATER UTILITY	Municipal	Taylor, City of Adequate
		LIGHTING 2	SEWAGE UTILITY	Municipal	Taylor, City of Adequate
PARKING/PAVING 2		IRRIG SYS 2			
DRAINAGE 2					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
TSC-1	Transportation Service Center	Transportation Service Center	11,832	2009	\$2,898,840	Wood.	Brick.	Shingle.
HSB-1	Heated Storage	Heated Storage	1,152	2010	\$104,832	Wood	Vinyl	Shingle
TOTAL COMPLEX SQ FT			12,984					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
TSC-1	Adequate		2	2	2	2	2	2	0	2	2	0	2	2	2	2	0
HSB-1	Adequate		2	2	2	2	2	2	2	2	2	0	2	2	2	2	0

UNFUNDED PROJECTS		Metro - Taylor TSC			
Special Maintenance					
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate	
2016	STE-1	Pave vehicle storage lot.	Existing lot is gravel and not operationally adequate for parking of vehicles and equipment.	\$91,600	
Special Maintenance Total:				\$91,600	

2011 FACILITY ASSESSMENT

Aeronautics Administration and Operations/ Lansing Transportation Service Center

Shared facility. TSC occupies 5,125 sq. ft. of Aeronautics (AER-1) building.

BUREAU/REGION	OWN/LEASE
Lansing	Own
REGION REPRESENTATIVE	
Misjak, Pauline	
FACILITY A&O REPRESENTATIVE	
Townsend, Julie	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2700 Port Lansing Rd., Lansing MI 48906	Clinton	(517) 335-9283	(517) 321-6422	4.00	04/04/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Aeronautics	Transportation Service Center	43	42,890 SQ FT	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING		TYPE		VENDOR		ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	2	ELECTRICAL UTILITY	Electrical	Lansing Board of Water & Light		Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	2	GAS UTILITY (if present)	Natural Gas	Consumers Energy		Adequate
		SECURITY	3	WATER UTILITY	Municipal	Lansing Board of Water & Light		Adequate
		LIGHTING	2	SEWAGE UTILITY	Municipal	Lansing, City of		Adequate
		IRRIG SYS	2					
PARKING/PAVING	2							
DRAINAGE	2							

BUILDINGS			TOTAL	OCCUPANCY	ESTIMATED	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	SIZE (SQ FT)	YEAR	REPLACEMENT VALUE			
AER-1	Aeronautics Administration	Aeronautics Administration/TSC	53,115	1993	\$0	Masonry and steel.	Brick.	Rubber membrane without ballast.
HNG-1	Aeronautics Hangar	Aeronautics Hangar	20,000	1993	\$1,820,000	Masonry and steel.	Masonry and metal.	Metal
TOTAL COMPLEX SQ FT			73,115					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
AER-1	Adequate	Adequate	1	2	2	2	2	3	2	2	3	0	1	1	1	2	1
HNG-1	Adequate	Adequate	1	2	3	4	3	3	0	3	2	0	2	1	1	3	1

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

Facility Not Assessed

2011 FACILITY ASSESSMENT

Construction Field Services (formerly C&T)

Leased Facility - Not Assessed

BUREAU/REGION	OWN/LEASE
Lansing	Lease-DTMB
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
8885 Ricks Rd., Lansing MI 48909	Eaton	(517) 322-1087	(517) 322-1094		
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Construction Administration	Construction Technology	90	SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT		SIDEWALKS	0	ELECTRICAL UTILITY	Electrical		
SITE REGULATORY COMPLIANCE		FENCING	0	GAS UTILITY (if present)	N/A		
	<u>RATING</u>	SECURITY	0	WATER UTILITY	N/A		
PARKING/PAVING	0	LIGHTING	0	SEWAGE UTILITY	N/A		
DRAINAGE	0	IRRIG SYS	0				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
OFF-1	Office Building	Office Building	115,986	1977	\$20,297,550			
TOTAL COMPLEX SQ FT			115,986					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

UNFUNDED PROJECTS

Lansing - Fleet Administration & Operations

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	HSB-2	Re-skin entire building including all soffit, fascia, and trim. Demo and replace gutters. Cover all side and rear windows.	Existing siding has failed and no longer protects building and contents. Gutters are in poor condition.	\$22,900
2016	HSB-1	Paint exterior, service doors, door frames, and awnings. Repair gutters.	Current paint is peeling on awnings, siding, doors, and door frames. Gutters are in poor condition.	\$18,200
2016	GAR-1	Repave parking lot from garage eastward. Pave gravel area.	Existing parking area is nearing the end of its useful life. The pavement is cracked extensively. The cracks were sealed with hot rubber in 2009 with low spots filled with AMZ material to help prolong the life. The gravel area is uneven.	\$524,800
2017	GAR-1	Replace all Fleet Administration and Operations Office fluorescent light fixtures with efficient fixtures and install night light timer in front office area.	Current four foot fluorescent light fixtures are T-12 and are very inefficient and half of the fixtures in front office remain on for night security due to the way they are wired to the switches.	\$34,400
Special Maintenance Total:				\$600,300

Assessment Rating:

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2011 FACILITY ASSESSMENT

Nixon Warehouse

BUREAU/REGION	OWN/LEASE
Lansing	Own
REGION REPRESENTATIVE	
Chaput, Mark	
FACILITY A&O REPRESENTATIVE	
Schmoekel, Ryan	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
5219 Nixon Road, Dimondale MI 48821	Eaton	(517) 654-2450		17.00	04/18/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Warehouse		1	0	Fully Utilized	
SITE ASSESSMENT		ADEQUACY		RATING	
SITE CAPACITY FOR DEVELOPMENT		Adequate		SIDEWALKS 3	
SITE REGULATORY COMPLIANCE		Adequate		FENCING 3	
				SECURITY 3	
PARKING/PAVING 3				LIGHTING 0	
DRAINAGE 3				IRRIG SYS 0	
				ELECTRICAL UTILITY	
				Electrical	
				Consumers Energy	
				GAS UTILITY (if present)	
				Natural Gas	
				Consumers Energy	
				WATER UTILITY	
				N/A	
				SEWAGE UTILITY	
				N/A	

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
WRH-1	Warehouse	Warehouse	5,000	0	\$600,000	Masonry and metal.	Metal.	Metal.	
TOTAL COMPLEX SQ FT			5,000						

BUILDING ASSESSMENT																		
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection	
WRH-1	Inadequate	Adequate	3	4	4	4	4	4	4	4	4	4	4	4	4	4	0	

UNFUNDED PROJECTS					
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate	
Total:					

2011 FACILITY ASSESSMENT

Operations Field Services (formerly Div of Ops)

BUREAU/REGION	OWN/LEASE
Lansing	Own
REGION REPRESENTATIVE	
Chaput, Mark	
FACILITY A&O REPRESENTATIVE	
Townsend, Julie	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
6333 Lansing Road, Lansing MI 48917	Eaton	(517) 322-3300	(517) 322-3385	26.00	04/04/2011
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Maintenance Administration	Maintenance Operations	123	9,810 SQ FT	Fully Utilized	04/19/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 2	ELECTRICAL UTILITY Electrical	Lansing Board of Water & Light	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present) Natural Gas	Consumers Energy	Adequate
		SECURITY 2	WATER UTILITY Municipal	Delta Township	Adequate
		LIGHTING 2	SEWAGE UTILITY Municipal	Delta Township	Adequate
PARKING/PAVING	2	IRRIG SYS 2			
DRAINAGE	2				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
GAR-1	Garage	Office Building	44,210	1984	\$7,869,380	Masonry and steel.	Masonry.	Metal with membrane.
CSB-1	Cold Storage	Cold Storage	7,500	1974	\$682,500	Block Steel	Steel	Metal
TOTAL COMPLEX SQ FT			51,710					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
GAR-1	Adequate	Adequate	2	2	2	2	4	2	2	2	2	0	2	2	2	2	2
CSB-1	Adequate	NA	2	4	3	3	0	4	4	3	0	0	0	0	3	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

BUREAU/REGION	OWN/LEASE
Lansing	Lease-DTMB
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

2011 FACILITY ASSESSMENT

Van Wagoner Building

Leased Facility - Not Assessed

Facility Not Assessed

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
425 W. Ottawa, Lansing MI 48933	Ingham	(517) 241-4340	(517) 241-8675		
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
MDOT Administration & Operations		850	275,894 SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS		0	ELECTRICAL UTILITY	Electrical	
SITE REGULATORY COMPLIANCE	FENCING		0	GAS UTILITY (if present)	N/A	
	SECURITY		0	WATER UTILITY	N/A	
	LIGHTING		0	SEWAGE UTILITY	N/A	
	IRRIG SYS		0			
PARKING/PAVING			0			
DRAINAGE			0			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
OFF-1	Office Building	Office Building	275,894	1968	\$48,281,450			
TOTAL COMPLEX SQ FT			275,894					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
-				
				Total:

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

BUREAU/REGION	OWN/LEASE
Lansing	Lease-DTMB
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

2011 FACILITY ASSESSMENT
Warehouse/Secondary
Leased Facility - Not Assessed

Facility Not Assessed

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
7575 Crowner Dr, Lansing MI 48909	Eaton	(517) 322-5559			
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Warehouse	SW Crews; Train Ctr; Data Collection	4	0 SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS		0	ELECTRICAL UTILITY	Electrical	
SITE REGULATORY COMPLIANCE	FENCING		0	GAS UTILITY (if present)	N/A	
	SECURITY		0	WATER UTILITY	N/A	
	LIGHTING		0	SEWAGE UTILITY	N/A	
	IRRIG SYS		0			
PARKING/PAVING	RATING		0			
DRAINAGE			0			

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
WRH-1	Warehouse	Warehouse	92,442	1975	\$11,093,040	Masonry.	Masonry.	Steel and membrane.	
TOTAL COMPLEX SQ FT			92,442						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
				Total:

2013 FACILITY ASSESSMENT

Benton Harbor Bus Terminal

BUREAU/REGION	OWN/LEASE
Pass Trans	Own
REGION REPRESENTATIVE	
Pearson, Rob	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS 2412 M-139, Benton Harbor MI 49022	COUNTY Berrien	PHONE NO. (269) 925-1121	FAX NO.	SITE ACREAGE 0.95	INSPECTION DATE 04/01/2013
FACILITY FUNCTION Bus Terminal	SECONDARY FUNCTION	WORK FORCE 0	ADMIN/EMPLOYEE AREA 0	SQ FT Fully Utilized	FACILITY ENERGY AUDIT

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY Electrical	American Electric Power (AEP, Ind Mich Power)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 0	GAS UTILITY (if present) Natural Gas	Michigan Gas Utilities	Adequate
		SECURITY 1	WATER UTILITY Municipal	Benton Charter Township	Adequate
		LIGHTING 4	SEWAGE UTILITY Municipal	Benton Charter Township	Adequate
PARKING/PAVING 4		IRRIG SYS 4			
DRAINAGE 4					

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
BUS-1	Bus Terminal	Bus Terminal	1,400	1991	\$280,000	Steel frame and block	Stone and glass	Metal/steel.	
TOTAL COMPLEX SQ FT			1,400						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BUS-1	Adequate		3	3	1	3	3	4	0	3	3	0	3	3	3	3	0

UNFUNDED PROJECTS

Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

Detroit Bus Terminal

BUREAU/REGION	OWN/LEASE
Pass Trans	Own
REGION REPRESENTATIVE	
Pearson, Rob	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1001 Howard St, Detroit MI 48226	Wayne	(313) 961-8009		2.20	05/16/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Bus Terminal		0	SQ FT	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon) Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon) Adequate
		SECURITY 3	WATER UTILITY	Municipal	Detroit Water and Sewage Department Adequate
		LIGHTING 2	SEWAGE UTILITY	Municipal	Detroit Water and Sewage Department Adequate
PARKING/PAVING	4	IRRIG SYS 2			
DRAINAGE	3				

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
BUS-1	Bus Terminal	Bus Terminal	31,000	1991	\$6,200,000	Steel frame and block	Stone and glass	Built up with stone ballast	
TOTAL COMPLEX SQ FT			31,000						

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	3	4	4	3	3	3	0	4	2	0	3	4	3	4	3
BUS-1	Adequate																

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
-				
Total:				

2013 FACILITY ASSESSMENT

Mio OCATS (Oscoda County Area Transp Specialist)

BUREAU/REGION	OWN/LEASE
Pass Trans	Own
REGION REPRESENTATIVE	
Johnson, Kim	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1226 South M-72, Mio MI 48647	Oscoda	(989) 826-5078		5.00	04/16/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Passenger Transportation Facility		0	SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	4	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	2	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	3	WATER UTILITY	Well		Adequate
		LIGHTING	3	SEWAGE UTILITY	Septic		Adequate
PARKING/PAVING	3	IRRIG SYS	3				
DRAINAGE	3						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
PTF-1	Passenger Transportation Facility	Passenger Transportation Facility	4,550	1997	\$910,000	Wood and Steel	Vinyl and Steel	Steel and Asphalt Shingle	
TOTAL COMPLEX SQ FT			4,550						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
PTF-1	Adequate		2	3	3	3	3	4	4	3	4	3	3	3	3	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

New Center Rail Terminal

BUREAU/REGION	OWN/LEASE
Pass Trans	Own
REGION REPRESENTATIVE	
Silver, Mia	
FACILITY A&O REPRESENTATIVE	
Woodruff, Val	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
Amsterdam Street (Between Woodward and Cass), Detroit MI	Wayne	(517) 373-8749	(517) 373-0856	3.10	05/15/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Rail Terminal		0	SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	None		
	<u>RATING</u>	SECURITY	2	WATER UTILITY	None		
PARKING/PAVING	2	LIGHTING	2	SEWAGE UTILITY	None		
DRAINAGE	2	IRRIG SYS	2				

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
-					\$0			
TOTAL COMPLEX SQ FT								

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
-				
Total:				

Assessment Rating: 0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
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2013 FACILITY ASSESSMENT

Pontiac Bus/Rail Terminal

BUREAU/REGION	OWN/LEASE
Pass Trans	Own
REGION REPRESENTATIVE	
Pearson, Rob	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
51000 Woodward Ave, Pontiac MI 48341	Oakland			2.19	05/06/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Bus/Rail Terminal		0	SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	2	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	2	GAS UTILITY (if present)	Natural Gas	Consumers Energy	Adequate
		SECURITY	2	WATER UTILITY	Municipal	Pontiac, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Pontiac, City of	Adequate
		IRRIG SYS	3				
PARKING/PAVING	2						
DRAINAGE	2						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
BRT-2	Bus/Rail Terminal	Bus/Rail Terminal	4,527	2011	\$805,806	Steel	Brick	Membrane, Metal	
TOTAL COMPLEX SQ FT			4,527						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BRT-2	Adequate		2	2	2	2	2	2	0	2	2	0	2	2	2	2	2

UNFUNDED PROJECTS

Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

Assessment Rating:

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- 2 = GOOD (Annual and Preventive Maintenance)

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- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Southfield Bus Terminal

BUREAU/REGION	OWN/LEASE
Pass Trans	Own
REGION REPRESENTATIVE	
Pearson, Rob	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
26991 Lahser Rd, Southfield MI 48033	Oakland	(248) 353-2870		2.56	05/08/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Bus Terminal		0	0	Fully Utilized	

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon) Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 0	GAS UTILITY (if present)	Natural Gas	Consumers Energy Adequate
		SECURITY 2	WATER UTILITY	Municipal	Southfield, City of Adequate
		LIGHTING 4	SEWAGE UTILITY	Municipal	Southfield, City of Adequate
PARKING/PAVING	4	IRRIG SYS 4			
DRAINAGE	3				

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
BUS-1	Bus Terminal	Bus Terminal	3,122	1849	\$624,400	Masonry	Brick	Asphalt shingles	
TOTAL COMPLEX SQ FT			3,122						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BUS-1	Adequate		3	3	2	2	3	3	0	3	3	0	3	3	3	3	0

UNFUNDED PROJECTS

Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

Assessment Rating:

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- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Clare Welcome Center

BUREAU/REGION	OWN/LEASE
Bay	Own
REGION REPRESENTATIVE	
Brunner, Greg	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
9599 US 27, Clare MI 48617	Clare	(989) 386-7634	(989) 386-3766	14.00	04/23/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		3	720 SQ FT	Fully Utilized	02/03/2010
SITE ASSESSMENT					
	<u>ADEQUACY</u>	<u>RATING</u>	<u>TYPE</u>	<u>VENDOR</u>	<u>ADEQUACY</u>
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 4	ELECTRICAL UTILITY Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present) Natural Gas	DTE (includes MichCon)	Adequate
	<u>RATING</u>	SECURITY 3	WATER UTILITY Well		Adequate
PARKING/PAVING 4		LIGHTING 3	SEWAGE UTILITY Municipal	Clare, City of	Adequate
DRAINAGE 3		IRRIG SYS 3			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
WCT-1	Welcome Center	Welcome Center	9,970	1994	\$2,442,650	Masonry.	Brick.	Steel and metal.
HSB-1	Heated Storage	Cold Storage	576	0	\$52,416	Wood.	Vinyl.	Asphalt shingles.
TOTAL COMPLEX SQ FT			10,546					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		3	3	3	4	3	3	0	3	3	0	3	4	3	3	3
HSB-1	Adequate		3	3	3	0	3	3	3	3	3	0	0	0	3	3	0

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Bay - Clare Welcome Center

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	STE-1	Mill and resurface ramps and parking area.	Parking lot and ramp pavement is beginning to deteriorate.	\$321,500
2016	STE-1	Replace parking lot lighting including foundations and underground electric.	Parking lot lighting foundations are deteriorated and underground electric has numerous splices and is unreliable.	\$510,500
2018	STE-1	Remove existing lagoon and remove/ replace picnic tables and place porous pavement.	Picnic tables are in poor condition and need replacement and lagoon needs to be removed as it is no longer required.	\$99,500
Special Maintenance Total:				\$931,500

Assessment Rating:

0 = NOT APPLICABLE (N/A)
 1 = EXCELLENT (Annual Maintenance per Schedule)
 2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
 4 = POOR (Worn; Significant Maintenance or Repair)
 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Coldwater Welcome Center

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Hassenzahl, Rich	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
I-69 Northbound at 6 Mile Marker, Coldwater MI 49036	Branch	(517) 238-2670	(989) 386-3766	14.00	04/01/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		5	1,000 SQ FT	Fully Utilized	06/17/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	0	GAS UTILITY (if present)	Propane	Amerigas	Adequate
		SECURITY	0	WATER UTILITY	Well		Inadequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Branch County Dept of Public Works	Adequate
		IRRIG SYS	3				
PARKING/PAVING	4						
DRAINAGE	2						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
WCT-1	Welcome Center	Welcome Center	8,522	2002	\$2,087,890	Wood and steel.	Brick.	Metal standing RIB.
CSB-1	Cold Storage	Cold Storage	400	1984	\$36,400	Masonry.	Block (painted).	Pitched rolled roofing.
TOTAL COMPLEX SQ FT			8,922					

BUILDING ASSESSMENT			Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE															
WCT-1	Adequate		3	3	3	3	3	5	5	3	3	0	3	3	3	3	3
CSB-1	Adequate		3	3	3	0	3	3	3	0	3	0	0	0	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

Southwest - Coldwater Welcome Center

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	WCT-1	Repair or replace roof.	Roof has had persistent leaks and requires costly repairs that provide short-term/temporary fix.	\$62,400
2016	WCT-1	Remove and replace water treatment system.	The pumps are antiquated, require frequent non-routine repair, and are costly to have serviced.	\$50,500
2016	WCT-1	Drill additional well.	Currently there is not enough pressure at peak times. Current well will not support fire suppression system.	\$80,400
2016	WCT-1	Replace security gate.	The gate has deteriorated and requires frequent repair.	\$54,400
2019	STE-1	Resurface parking lot.	Pavement is in poor condition with excessive cracking.	\$315,000
Special Maintenance Total:				\$562,700

Facility Not Assessed

2013 FACILITY ASSESSMENT

Detroit Welcome Center
Leased Facility - Not Assessed

BUREAU/REGION	OWN/LEASE
Metro	Lease-Private
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2835 Bagley Ave, Detroit MI 48216	Wayne	(313) 962-2360	(313) 962-2326		
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		2	SQ FT	Fully Utilized	

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	SIDEWALKS		0	ELECTRICAL UTILITY	Electrical	
SITE REGULATORY COMPLIANCE	FENCING		0	GAS UTILITY (if present)	N/A	
	SECURITY		0	WATER UTILITY	N/A	
	LIGHTING		0	SEWAGE UTILITY	N/A	
	IRRIG SYS		0			
PARKING/PAVING			0			
DRAINAGE			0			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
WCT-1	Welcome Center	Welcome Center	4,861	0	\$1,190,945			
TOTAL COMPLEX SQ FT			4,861					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

Dundee Welcome Center

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Jersey, John	
FACILITY A&O REPRESENTATIVE	
Reverman, Jim	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
8001 Covert Rd., Petersburg MI 49270	Monroe	(734) 865-6980	(734) 886-1180	33.00	05/28/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		3	540 SQ FT	Fully Utilized	06/28/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	DTE (includes MichCon)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	0	GAS UTILITY (if present)	None		
		SECURITY	0	WATER UTILITY	Well		Adequate
		LIGHTING	5	SEWAGE UTILITY	Lagoon		Adequate
PARKING/PAVING	5	IRRIG SYS	5				
DRAINAGE	5						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
WCT-1	Welcome Center	Welcome Center	4,439	1966	\$1,087,555	Wood.	Brick and wood.	Shingle.	
RRM-1	Restroom	Restroom	3,000	1982	\$525,000	Masonry.	Brick.	Shingles with rubber coating.	
TOTAL COMPLEX SQ FT			7,439						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		3	4	3	3	3	4	0	3	3	0	5	3	3	4	0
RRM-1	Adequate		3	4	3	3	3	2	0	3	3	0	5	3	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

University - Dundee Welcome Center

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2019	WCT-1	Design and construct new 8,000 sq. ft. Welcome Center.	The existing facility is in need of costly repairs and is undersized for the volume of public served.	\$3,889,800
Major Capital Total:				\$3,889,800

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	STE-1	Replace sanitary system lift station.	Although lift station is still functioning, it is well beyond its service life and needs replacement. Lift station is a steel tank that currently has severe corrosion. Lift station top is unsafe due to severe corrosion.	\$164,500
2017	STE-1	Lagoon lift gates need to be replaced.	Lift gates are broken and inoperable.	\$64,000
Special Maintenance Total:				\$228,500

BUREAU/REGION	OWN/LEASE
Superior	Lease-Private
REGION REPRESENTATIVE	
FACILITY A&O REPRESENTATIVE	

2013 FACILITY ASSESSMENT

Iron Mountain Welcome Center Leased Facility - Not Assessed

Facility Not Assessed

ADDRESS		COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
618 N. Stephenson Ave., Iron Mountain MI 49801		Dickinson	(906) 774-4201			
FACILITY FUNCTION	SECONDARY FUNCTION		WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center			2	SQ FT	Fully Utilized	
SITE ASSESSMENT		<u>ADEQUACY</u>	<u>RATING</u>	<u>TYPE</u>	<u>VENDOR</u>	<u>ADEQUACY</u>
SITE CAPACITY FOR DEVELOPMENT		SIDEWALKS	0	ELECTRICAL UTILITY	Electrical	WE Energies (Wisconsin Electric)
SITE REGULATORY COMPLIANCE		FENCING	0	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)
	<u>RATING</u>	SECURITY	0	WATER UTILITY	N/A	
PARKING/PAVING	0	LIGHTING	0	SEWAGE UTILITY	N/A	
DRAINAGE	0	IRRIG SYS	0			

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
WCT-1	Welcome Center	Welcome Center	1,625	0	\$398,125			
TOTAL COMPLEX SQ FT			1,625					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
-																	

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

Ironwood Welcome Center

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, Jack	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
801 W. Cloverland Dr., Ironwood MI 49938	Gogebic	(906) 932-3330	(906) 932-4647	18.00	05/01/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		4	1,400 SQ FT	Fully Utilized	06/09/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	4	ELECTRICAL UTILITY	Electrical	Xcel Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	Xcel Energy	Adequate
		SECURITY	0	WATER UTILITY	Municipal	Ironwood, City of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Ironwood, City of	Adequate
PARKING/PAVING	3	IRRIG SYS	3				
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
WCT-1	Welcome Center	Welcome Center	1,400	1964	\$343,000	Block.	Block.	Asphalt shingle.
RRM-1	Restroom	Restroom	1,300	1964	\$227,500	Block.	Block.	Flat membrane.
TOTAL COMPLEX SQ FT			2,700					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		3	3	3	2	3	2	0	3	3	0	3	3	3	3	0
RRM-1	Adequate		3	3	3	0	3	4	0	3	3	0	2	4	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS

Superior - Ironwood Welcome Center

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2019	WCT-1	Design and construct new 5,000 sq. ft.. Welcome Center building.	Existing facility is very small, with external accessible restrooms and limited handicap accessibility.	\$2,243,100
Major Capital Total:				\$2,243,100

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	WCT-1	Replace handrails at ramp and steps.	Handrails do not meet current ADA guidelines and are deteriorating.	\$24,100
Special Maintenance Total:				\$24,100

Assessment Rating:

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Mackinaw City Welcome Center

BUREAU/REGION	OWN/LEASE
North	Own
REGION REPRESENTATIVE	
Wahl, Bill	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
710 S. Nicolet St., Mackinaw City MI 49701	Emmet	(231) 436-5566	(231) 436-8551	7.00	04/23/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		4	720 SQ FT	Fully Utilized	07/13/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	DTE (includes MichCon)	Adequate
		SECURITY	0	WATER UTILITY	Municipal	Mackinaw City, Village of	Adequate
		LIGHTING	3	SEWAGE UTILITY	Municipal	Mackinaw City, Village of	Adequate
PARKING/PAVING	4	IRRIG SYS	3				
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
WCT-1	Welcome Center	Welcome Center	1,443	1957	\$353,535	Masonry (brick).	Brick.	Membrane.
CSB-2	Cold Storage	Cold Storage	332	1957	\$30,212	Wood.	Wood.	Wood and asphalt shingle.
TOTAL COMPLEX SQ FT			1,775					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		3	3	3	4	3	3	0	3	3	0	3	3	3	3	0
CSB-2	Adequate		3	4	3	0	0	3	0	3	0	0	0	0	3	3	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS**North - Mackinaw City Welcome Center****Special Maintenance**

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2017	WCT-1	Make outside restrooms ADA accessible.	Not accessible to all of our customers.	\$16,200
2019	CSB-1	Demolish old sheds (2), design and construct new 1,280 sq. ft. storage building.	Existing storage buildings are in need of repair and do not provide adequate storage.	\$85,600
Special Maintenance Total:				\$101,800

Assessment Rating:

0 = NOT APPLICABLE (N/A)

1 = EXCELLENT (Annual Maintenance per Schedule)

2 = GOOD (Annual and Preventive Maintenance)

3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)

4 = POOR (Worn; Significant Maintenance or Repair)

5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

2013 FACILITY ASSESSMENT

Marquette Welcome Center

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, Jack	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
2201 US 41 South, Chocolay Township MI 49855	Marquette	(906) 249-9066	(906) 249-9474	3.00	04/30/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		3	2,500 SQ FT	Fully Utilized	06/08/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	3	ELECTRICAL UTILITY	Electrical	Adequate
SITE REGULATORY COMPLIANCE	Adequate	0	GAS UTILITY (if present)	Natural Gas	Adequate
	Adequate	0	WATER UTILITY	Well	Inadequate
	Adequate	3	SEWAGE UTILITY	Municipal	Adequate
	Adequate	3		Chocolay Charter Township	Adequate
PARKING/PAVING	3				
DRAINAGE	3				

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
WCT-1	Welcome Center	Welcome Center	2,500	1982	\$612,500	Log.	Log.	Asphalt shingles.	
TOTAL COMPLEX SQ FT			2,500						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		4	4	3	4	3	3	0	4	4	0	4	4	3	4	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

Menominee Welcome Center

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, Jack	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
1343 10th Avenue, Menominee MI 49858	Menominee	(906) 863-6496	(906) 863-2155	1.00	05/02/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		4	1,200 SQ FT	Fully Utilized	06/09/2010

SITE ASSESSMENT		ADEQUACY	RATING	TYPE		VENDOR	ADEQUACY
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	Wisconsin Public Service	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	4	GAS UTILITY (if present)	Natural Gas	Wisconsin Public Service	Adequate
		SECURITY	0	WATER UTILITY	Municipal	Menominee, City of	Adequate
		LIGHTING	4	SEWAGE UTILITY	Municipal	Menominee, City of	Adequate
PARKING/PAVING	3	IRRIG SYS	4				
DRAINAGE	3						

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
WCT-1	Welcome Center	Welcome Center	2,400	1937	\$588,000	Log.	Log.	Wood shingle.	
TOTAL COMPLEX SQ FT			2,400						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		3	4	3	4	4	3	0	4	5	0	5	3	5	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
Total:				

2013 FACILITY ASSESSMENT

Monroe Welcome Center

BUREAU/REGION	OWN/LEASE
University	Own
REGION REPRESENTATIVE	
Thompson, Will	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
12900 Expressway, Monroe MI 48161	Monroe	(734) 242-1768	(734) 242-6181	15.00	05/23/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		5	720 SQ FT	Fully Utilized	11/05/2009

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Consumers Energy	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 2	GAS UTILITY (if present)	Natural Gas	Michigan Gas Utilities	Adequate
		SECURITY 3	WATER UTILITY	Municipal	Monroe, City of	Adequate
		LIGHTING 2	SEWAGE UTILITY	Municipal	Monroe, City of	Adequate
PARKING/PAVING	3	IRRIG SYS 2				
DRAINAGE	2					

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
WCT-1	Welcome Center	Welcome Center	8,522	2006	\$2,087,890	Steel.	Brick.	Steel.
HSB-1	Heated Storage	Cold Storage	960	0	\$87,360	Wood pole barn.	Steel siding.	Shingles.
TOTAL COMPLEX SQ FT			9,482					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		2	2	2	3	2	2	0	2	3	0	3	2	2	2	0
HSB-1	Adequate		3	3	3	0	3	5	3	5	3	0	0	0	3	3	0

UNFUNDED PROJECTS				
Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
-				
Total:				

2013 FACILITY ASSESSMENT

New Buffalo Welcome Center

BUREAU/REGION	OWN/LEASE
Southwest	Own
REGION REPRESENTATIVE	
Latham, Jason	
FACILITY A&O REPRESENTATIVE	
Maiberger, Kurt	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
11630 Wilson Rd, New Buffalo MI 49117	Berrien	(269) 469-0011		65.00	04/02/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		6	1,300 SQ FT	Fully Utilized	11/19/2009

SITE ASSESSMENT		ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS	3	ELECTRICAL UTILITY	Electrical	American Electric Power (AEP, Ind Mich Power)	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING	3	GAS UTILITY (if present)	Natural Gas	SEMCO	Adequate
		SECURITY	3	WATER UTILITY	Municipal	New Buffalo Township	Adequate
		LIGHTING	4	SEWAGE UTILITY	Municipal	New Buffalo Township	Adequate
PARKING/PAVING	3	IRRIG SYS	4				
DRAINAGE	3						

BUILDINGS								
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE
WCT-1	Welcome Center	Welcome Center	13,000	1990	\$3,185,000	Masonry and steel.	Brick.	Metal and rolled.
HSB-1	Heated Storage	Cold Storage	3,200	1991	\$291,200	Metal (pole barn style).	Metal.	Metal.
TOTAL COMPLEX SQ FT			16,200					

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		3	3	3	3	3	4	0	4	4	0	3	3	3	3	3
HSB-1	Adequate		3	3	3	0	3	3	4	4	3	0	3	0	3	4	0

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)

UNFUNDED PROJECTS
Southwest - New Buffalo Welcome Center

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2015	WCT-1	Replace HVAC system including installation of a cooling system for restrooms and vestibules.	HVAC system is in poor condition and requires frequently costly repair that provides short-term/temporary fix.	\$510,000
2017	STE-1	Rework irrigation system with all new controls and wiring.	Irrigation system no longer works automatically. Wiring has deteriorated and is damaged.	\$76,400
2018	WCT-1	Modify three points of entry (vestibule). Two vestibules at 15' x 30' and one at 16' x 27'.	Excessive heat and moisture trapped in vestibule area.	\$69,000
2018	WCT-1	Recarpet floors in public area.	Carpet is worn, as this is one of the highest traffic Welcome Centers in the State (averaging 1,323,565 visitors per year). The carpet is worn and fraying in spots causing tripping hazards (safety concern).	\$24,000
2018	WCT-1	Update ADA restroom stalls (family restroom).	Only the front restroom (men/women's) has a handicapped stall. Other men/women's restroom is not fully accessible. No room for wheelchair next to toilet.	\$23,200
Special Maintenance Total:				\$702,600

2013 FACILITY ASSESSMENT

St. Ignace Welcome Center

BUREAU/REGION	OWN/LEASE
Superior	Own
REGION REPRESENTATIVE	
Bedard, Jack	
FACILITY A&O REPRESENTATIVE	
Parsons, Chris	

ADDRESS	COUNTY	PHONE NO.	FAX NO.	SITE ACREAGE	INSPECTION DATE
I-75 N. Mackinac Bridge Plaza, St. Ignace MI 49781	Mackinac	(906) 643-6979	(980) 663-9904	4.00	04/23/2013
FACILITY FUNCTION	SECONDARY FUNCTION	WORK FORCE	ADMIN/EMPLOYEE AREA	UTILIZATION RATE	FACILITY ENERGY AUDIT
Welcome Center		7	912 SQ FT	Fully Utilized	06/07/2010

SITE ASSESSMENT	ADEQUACY	RATING	TYPE	VENDOR	ADEQUACY	
SITE CAPACITY FOR DEVELOPMENT	Adequate	SIDEWALKS 3	ELECTRICAL UTILITY	Electrical	Cloverland Electric	Adequate
SITE REGULATORY COMPLIANCE	Adequate	FENCING 3	GAS UTILITY (if present)	Propane	Autore Oil, Inc.	Adequate
		SECURITY 0	WATER UTILITY	Municipal	St Ignace, City of	Adequate
		LIGHTING 3	SEWAGE UTILITY	Municipal	St Ignace, City of	Adequate
PARKING/PAVING	4	IRRIG SYS 3				
DRAINAGE	3					

BUILDINGS									
BLDG CODE	CONSTRUCTED PURPOSE	CURRENT USE	TOTAL SIZE (SQ FT)	OCCUPANCY YEAR	ESTIMATED REPLACEMENT VALUE	STRUCTURE	EXTERIOR FINISH	ROOF TYPE	
WCT-1	Welcome Center	Welcome Center	2,300	1988	\$563,500	Wood frame.	Wood siding.	Asphalt shingle.	
TOTAL COMPLEX SQ FT			2,300						

BUILDING ASSESSMENT																	
BLDG CODE	5 YR ADEQUACY	ADA COMPLIANCE	Structural	Exterior	Interior	Windows	Insulation	Roof	Overhead/ Sliding Doors	Service Doors	HVAC	Engine Exhaust	Ventilation	Plumbing (Int)	Electrical	Lighting	Fire Protection
WCT-1	Adequate		3	2	4	3	3	2	0	3	3	0	4	3	3	4	0

UNFUNDED PROJECTS

Superior - St. Ignace Welcome Center

Appn Year	Building Code	Brief Scope of Work	Current Condition	Cost Estimate
2019	WCT-1	Design and construct new 6,000 sq. ft.. Welcome Center.	The existing facility is in need of costly repairs and is undersized for the volume of public served.	\$2,692,500
Major Capital Total:				\$2,692,500

UNFUNDED PROJECTS

Superior - Sault Ste. Marie Welcome Center

Major Capital

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2019	WCT-1	Design and construct new 6,000 sq. ft.. Welcome Center.	Current facility is inadequate in size to accommodate public need.	\$2,692,500

Major Capital Total: \$2,692,500

Special Maintenance

<u>Appn Year</u>	<u>Building Code</u>	<u>Brief Scope of Work</u>	<u>Current Condition</u>	<u>Cost Estimate</u>
2016	WCT-1	Remove and replace exterior windows.	The window glazing leaks, (all windows), and there is no inert gas left causing fog within the perimeter of the window. The frames have deteriorated and leak.	\$58,300

Special Maintenance Total: \$58,300

Assessment Rating:

- 0 = NOT APPLICABLE (N/A)
- 1 = EXCELLENT (Annual Maintenance per Schedule)
- 2 = GOOD (Annual and Preventive Maintenance)

- 3 = AVERAGE (Showing Wear; Preventive Maintenance and Occasional Repair)
- 4 = POOR (Worn; Significant Maintenance or Repair)
- 5 = REHAB/REPLACE (Requires Rehabilitation or Replacement)