



Fiscal Year 2017
5-Year Plan for the Airport
Safety, Protection, and
Improvement Program &
MDOT's Buildings and
Facilities Program

Airport Improvement Program

The Fiscal Year 2017 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**

10/29/2015

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| NON PRIMARY AIRPORTS | | | | | | |
| ADRIAN | | | | | | |
| Rehabilitate Non-Rev Terminal Parking Lot | 140,000 | | | | | |
| Rehabilitate Taxiway B - Design | | 40,000 | | | | |
| Rehabilitate Taxiway B - Construction | | | 670,000 | | | |
| Rehabilitate Taxiway - east hangar area - design | | | | 15,000 | | |
| Rehabilitate Taxiway - east hangar area - construction | | | | | 195,000 | |
| TOTAL | | | | | | \$1,060,000 |
| ALLEGAN | | | | | | |
| Construct terminal building - construction | 447,000 | | | | | |
| Construct Fuel Farm - Add Jet A - Design | | 10,000 | | | | |
| Construct Fuel Farm - Add Jet A - Construction; Airfield crack sealing & paint marking | | | 257,000 | | | |
| Acquire Land & Remove Obstructions - Rwy 29 (for existing VOR approach procedure) | | | | 120,000 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,000,667 |
| ALMA | | | | | | |
| Airport Development - TBD | 166,667 | | | | | |
| Airport Development - TBD | | 35,000 | | | | |
| Airport Development - TBD | | | 325,000 | | | |
| Airport Development - TBD | | | | 0 | | |
| Airport Development - TBD | | | | | 250,000 | |
| TOTAL | | | | | | \$776,667 |
| ANN ARBOR | | | | | | |
| Extend Runway 6/24 incl. parallel taxiway (to 4300') - design; Install Runway Lighting 6/24 extension & twy - design | 344,000 | | | | | |
| Extend Runway 6/24 incl. parallel taxiway (to 4300') - construction; Install Runway Lighting 6/24 extension & twy - construction | | 3,016,000 | | | | |
| Rehabilitate Access Road - design | | | 35,000 | | | |
| Rehabilitate Access Road - construction | | | | 461,000 | | |
| Rehabilitate Non-Rev Parking Lot - design | | | | | 37,000 | |
| TOTAL | | | | | | \$3,893,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|---|-------------|-------------|-------------|-------------|-------------|--------------------|
| ATLANTA | | | | | | |
| Acquire Land for approaches or RPZ - Rwy 5 Phase 2 | 106,000 | | | | | |
| Remove Obstructions - for Rwy 5 (including relocate threshold & lights) | | 178,200 | | | | |
| Construct Taxiway - A to Rwy 23 | | | 350,000 | | | |
| Acquire Land for approaches or RPZ - Rwy 23 Phase 1 | | | | 100,000 | | |
| Acquire Land for approaches or RPZ - Rwy 23 Phase 2 | | | | | 100,000 | |
| TOTAL | | | | | | \$834,200 |
| BAD AXE | | | | | | |
| Install Misc NAVAIDS - Beacon | 80,000 | | | | | |
| Construct Taxiway A3 connector | | 237,000 | | | | |
| Rehabilitate Runway 17/35 - design | | | 40,000 | | | |
| Rehabilitate Runway 17/35 - construction | | | | 536,000 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,059,667 |
| BATTLE CREEK | | | | | | |
| Rehab Taxiway C Phase II & Twy E connector - construction; Install Taxiway Lighting - Twy C Phase II & E connector - construction | 2,162,500 | | | | | |
| Rehab Taxiway C Phase III & Twy D connector - design | | 135,000 | | | | |
| Rehab Taxiway C Phase III & Twy D connector - construction | | | 2,135,000 | | | |
| Rehabilitate Taxiway A - design | | | | 180,000 | | |
| Rehabilitate Taxiway A - construction | | | | | 3,000,000 | |
| TOTAL | | | | | | \$7,612,500 |
| BAY CITY | | | | | | |
| Rehabilitate Taxiway - A, B & C north - design | 77,000 | | | | | |
| Rehabilitate Taxiway - A, B & C north - construction | | 1,073,000 | | | | |
| Rehabilitate Runway 18/36 - design | | | 78,000 | | | |
| Rehabilitate Runway 18/36 - construction | | | | 1,092,000 | | |
| Rehabilitate Non-Rev Terminal Parking Lot - design | | | | | 30,000 | |
| TOTAL | | | | | | \$2,350,000 |
| BEAVER ISLAND | | | | | | |
| Airfield Crack Sealing & Paint Marking; Acquire Land for approaches or RPZ - Rwy 27 | 170,000 | | | | | |
| Remove Obstructions Rwy 27 approach | | 140,000 | | | | |
| CO funding year | | | 0 | | | |
| Construct Building - Hangar - Design; Airfield Crack Sealing & Paint Marking | | | | 70,000 | | |
| Construct Building - Hangar - construction | | | | | 455,000 | |
| TOTAL | | | | | | \$835,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|---|-------------|-------------|-------------|-------------|-------------|--------------------|
| BELLAIRE | | | | | | |
| Rehabilitate Runway 2/20 - design | 92,750 | | | | | |
| Rehabilitate Runway 2/20 - construction | | 1,467,250 | | | | |
| CO funding year | | | 0 | | | |
| CO funding year | | | | 0 | | |
| Acquire SRE | | | | | 372,000 | |
| TOTAL | | | | | | \$1,932,000 |
| BENTON HARBOR | | | | | | |
| Install Runway Lighting 14/32 - construction | 630,000 | | | | | |
| CO funding year | | 0 | | | | |
| CO funding year | | | 0 | | | |
| Construct Taxiway D - design | | | | 75,000 | | |
| Construct Taxiway D - construction | | | | | 1,075,000 | |
| TOTAL | | | | | | \$1,780,000 |
| BIG RAPIDS | | | | | | |
| CO funding year | 0 | | | | | |
| Extend Runway 9/27 (to 5000') | | 952,000 | | | | |
| CO funding year | | | 0 | | | |
| Rehabilitate Runway 14/32 (2700' x 75') - design | | | | 42,000 | | |
| Rehabilitate Runway 14/32 (2700' x 75') - construction | | | | | 658,000 | |
| TOTAL | | | | | | \$1,652,000 |
| BOIS BLANC ISLAND | | | | | | |
| Construct SRE Building - design | 55,000 | | | | | |
| Construct SRE Building - construction | | 379,500 | | | | |
| Acquire SRE - rotary plow; Remove Obstructions (old SRE bldg within Part 77 surface) - design | | | 165,000 | | | |
| Remove Obstructions (old SRE bldg within Part 77 surface) - construction | | | | 105,300 | | |
| Airfield Crack Sealing & Paint Marking | | | | | 30,000 | |
| TOTAL | | | | | | \$734,800 |
| CADILLAC | | | | | | |
| Rehabilitate Apron - Terminal- construction | 670,000 | | | | | |
| Rehabilitate Taxiway parallel & east connector including east apron; Install Fencing south side of airport - design | | 157,000 | | | | |
| Install Fencing - south side of airport - construction | | | 185,000 | | | |
| Rehabilitate Access road and terminal parking lot | | | | 181,000 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,359,667 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|---|-------------|-------------|-------------|-------------|-------------|--------------------|
| CARO | | | | | | |
| CO funding year | 0 | | | | | |
| Construct SRE Building - design | | 45,000 | | | | |
| Construct SRE Building - construction | | | 465,000 | | | |
| Airfield Crack Sealing & Paint Marking | | | | 45,000 | | |
| Rehabilitate Runway Lighting 6/24 - design; Rehabilitate Taxiway Lighting A - design | | | | | 45,000 | |
| TOTAL | | | | | | \$600,000 |
| CHARLOTTE | | | | | | |
| Conduct MP - ALP update | 150,000 | | | | | |
| Rehabilitate Parking Lot incl. entrance road - design | | 30,000 | | | | |
| Rehabilitate Parking Lot incl. entrance road - construction | | | 291,300 | | | |
| Airport Development - TBD | | | | 166,667 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$804,634 |
| CHEBOYGAN | | | | | | |
| Construct SRE building - construction; Terminal Building Study | 317,000 | | | | | |
| Improve & Expand Terminal Building - design | | 38,000 | | | | |
| Improve & Expand Terminal Building - construction | | | 265,000 | | | |
| Rehabilitate Apron - Terminal - design | | | | 60,000 | | |
| Rehabilitate Apron - Terminal - construction | | | | | 590,000 | |
| TOTAL | | | | | | \$1,270,000 |
| CLARE | | | | | | |
| Construct Taxiway A - Part B construction | 1,018,250 | | | | | |
| Rehabilitate Runway Lighting 4/22 including REILs - design; Install Taxiway Lighting - design | | 29,500 | | | | |
| Rehabilitate Runway Lighting 4/22 including REILs - construction; Install Taxiway Lighting - construction | | | 370,500 | | | |
| Airport Development - TBD | | | | 166,667 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,751,584 |
| COLDWATER | | | | | | |
| Rehabilitate Runway 4/22 (3500' x 75') - design | 50,000 | | | | | |
| Rehabilitate Runway 4/22 (3500' x 75') - construction | | 800,000 | | | | |
| Rehabilitate Taxiway F, B & Hangar area taxiways - design | | | 45,000 | | | |
| Rehabilitate Taxiway F, B & Hangar area taxiways - construction | | | | 665,000 | | |
| Rehabilitate Apron - West Terminal - design | | | | | 25,000 | |
| TOTAL | | | | | | \$1,585,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| DETROIT CITY | | | | | | |
| Rehabilitate Runway 15/33 - design | 380,000 | | | | | |
| Rehabilitate Runway 15/33 - construction | | 5,000,000 | | | | |
| Acquire Land for approaches or RPZ - French Rd minitake - reimbursement | | | 2,000,000 | | | |
| Airport Development TBD | | | | 166,667 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$7,713,334 |
| DOWAGIAC | | | | | | |
| Construct Building - 6 unit Hangar - design | 25,000 | | | | | |
| Construct Building - 6 unit Hangar - construction | | 396,000 | | | | |
| Rehabilitate Runway 9/27 - design | | | 30,000 | | | |
| Rehabilitate Runway 9/27 - construction | | | | 332,000 | | |
| Rehabilitate Runway Lighting 9/27 including signs | | | | | 145,000 | |
| TOTAL | | | | | | \$928,000 |
| DRUMMOND ISLAND | | | | | | |
| Rehabilitate Runway 8/26 - surface treatment (S/L) | 0 | 200,000 | | | | |
| Rehabilitate Runway Lighting - design (S/L) | | | 50,000 | | | |
| Rehabilitate Runway Lighting - construction (S/L) | | | | 600,000 | | |
| | | | | | 0 | |
| TOTAL | | | | | | \$850,000 |
| EVART | | | | | | |
| Unclassified Airport - Development TBD | 0 | 200,000 | | | | |
| | | | 0 | | | |
| Unclassified Airport - Development TBD | | | | 0 | 300,000 | |
| TOTAL | | | | | | \$500,000 |
| FRANKFORT | | | | | | |
| Acquire land for runway 15/33 approaches phase 1 | 250,000 | | | | | |
| Acquire land for runway 15/33 approaches phase 2 | | 250,000 | | | | |
| Remove obstructions - runway 15/33 phase 1 | | | 166,667 | | | |
| Remove obstructions - runway 15/33 phase 2 | | | | 105,000 | | |
| Airfield crack sealing & paint marking; Install emergency generator | | | | | 200,000 | |
| TOTAL | | | | | | \$971,667 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| FREMONT | | | | | | |
| Rehabilitate Runway 18/36 (except north section) - construction | 1,650,000 | | | | | |
| CO funding year | | 0 | | | | |
| CO funding year | | | 0 | | | |
| Construct Building - 10-unit Hangar - design | | | | 40,000 | | |
| Construct Building - 10-unit Hangar - construction | | | | | 580,000 | |
| TOTAL | | | | | | \$2,270,000 |
| GAYLORD | | | | | | |
| Construct Taxiway - new taxilane - construction; Airfield Crack Sealing & Paint Marking | 375,000 | | | | | |
| CO funding year | | 0 | | | | |
| Construct Building - Box Hangar - design | | | 50,000 | | | |
| Construct Building - Box Hangar - construction | | | | 520,000 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,111,667 |
| GLADWIN | | | | | | |
| Construct Building - 10-unit T-Hangar - construction | 590,000 | | | | | |
| Conduct MP Study - ALP update | | 135,000 | | | | |
| Airfield Crack Sealing & Paint Marking | | | 30,000 | | | |
| Install AWOS | | | | 150,000 | | |
| Airport Development - TBD | | | | | 200,000 | |
| TOTAL | | | | | | \$1,105,000 |
| GRAND HAVEN | | | | | | |
| Rehabilitate Apron - Terminal - construction; Rehabilitate Taxiway - Hangar Taxilanes - construction | 322,750 | | | | | |
| Rehabilitate Runway 9/27 - Design; Rehabilitate Runway 18/36, Taxiways A & B - Crack Sealing & Paint Marking | | 72,000 | | | | |
| Rehabilitate Runway 9/27 - Construction | | | 896,000 | | | |
| CO funding year | | | | 0 | | |
| Construct Building - 12-unit T-Hangar - design | | | | | 35,000 | |
| TOTAL | | | | | | \$1,325,750 |
| GRAND LEDGE | | | | | | |
| Rehabilitate Runway 9/27 - design; Install Runway Lighting 9/27 - design | 90,000 | | | | | |
| Rehabilitate Runway 9/27 - construction; Install Runway Lighting 9/27 - construction | | 1,430,000 | | | | |
| Rehabilitate Taxiway - parallel - design | | | 30,000 | | | |
| Rehabilitate Taxiway - parallel - construction | | | | 520,000 | | |
| Rehabilitate Apron - Terminal - design | | | | | 20,000 | |
| TOTAL | | | | | | \$2,090,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| GRAYLING | | | | | | |
| Unclassified Airport - Development TBD | 166,667 | | | | | |
| Rehabilitate Runway 14/32 - design | | 353,000 | | | | |
| Rehabilitate Runway 14/32 - construction | | | 3,300,000 | | | |
| Unclassified Airport - Development TBD | | | | 0 | | |
| Unclassified Airport - Development TBD | | | | | 0 | |
| TOTAL | | | | | | \$3,819,667 |
| GREENVILLE | | | | | | |
| Airfield Crack Sealing & Paint Marking | 40,000 | | | | | |
| Airport Development - TBD | | 166,667 | | | | |
| Airport Development - TBD | | | 166,667 | | | |
| Airport Development - TBD | | | | 166,667 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$706,668 |
| GROSSE ILE | | | | | | |
| Rehabilitate Taxiway A East - design | 129,000 | | | | | |
| Rehabilitate Taxiway A east - construction | | 1,607,000 | | | | |
| Acquire Land for approaches or RPZ - Rwy 22 | | | 313,000 | | | |
| Rehabilitate Taxiway C & Apron joint repair - design | | | | 34,000 | | |
| Rehabilitate Taxiway C & Apron joint repair - construction | | | | | | 347,000 |
| TOTAL | | | | | | \$2,430,000 |
| HARBOR SPRINGS | | | | | | |
| Construct SRE building - design | 50,000 | | | | | |
| Construct SRE building | | 275,000 | | | | |
| | | | 0 | | | |
| | | | | 0 | | |
| | | | | | 0 | |
| TOTAL | | | | | | \$325,000 |
| HART-SHELBY | | | | | | |
| Rehabilitate Runway 9/27 - design; Rehabilitate Taxiway - Hangar area - design | 36,500 | | | | | |
| Rehabilitate Runway 9/27 - construction; Rehabilitate Taxiway - Hangar area - construction | | 643,600 | | | | |
| Rehabilitate Apron - surface treatment | | | 83,000 | | | |
| Acquire SRE | | | | 100,000 | | |
| Rehabilitate Runway - Airfield CS & PM | | | | | 25,000 | |
| TOTAL | | | | | | \$888,100 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| HASTINGS | | | | | | |
| CO funding year | 0 | | | | | |
| Rehab Non-Rev Parking Lot - design; Airfield Crack Sealing & Paint Marking | | 40,000 | | | | |
| Rehab Non-Rev Parking Lot - construction; Construct SRE building - design | | | 140,000 | | | |
| Construct SRE Building - construction | | | | 436,666 | | |
| Construct Terminal Building - Terminal Study | | | | | 20,000 | |
| TOTAL | | | | | | \$636,666 |
| HILLSDALE | | | | | | |
| Construct Apron - Terminal - design | 55,000 | | | | | |
| Construct Apron - Terminal - construction | | 864,000 | | | | |
| Airport Development - TBD | | | 166,667 | | | |
| Airport Development - TBD | | | | 166,667 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,419,001 |
| HOLLAND | | | | | | |
| CO funding year | 0 | | | | | |
| Install Runway Lighting 8/26 - design | | 55,500 | | | | |
| Install Runway Lighting 8/26 - construction | | | 694,500 | | | |
| CO funding year | | | | 0 | | |
| Rehabilitate Runway 8/26 - design | | | | | 225,000 | |
| TOTAL | | | | | | \$750,000 |
| HOUGHTON LAKE (ROSC) | | | | | | |
| CO funding year | 0 | | | | | |
| Rehabilitate Runway 9/27 - design | | 193,000 | | | | |
| Rehabilitate Runway 9/27 - construction | | | 1,730,000 | | | |
| Rehabilitate Apron - GA | | | | 295,000 | | |
| Rehabilitate Non-Rev Parking Lot - design | | | | | 29,000 | |
| TOTAL | | | | | | \$2,247,000 |
| HOWELL | | | | | | |
| Acquire SRE - High Speed Broom; Rehabilitate Runway 13/31 & Taxiways - Paint Marking | 712,000 | | | | | |
| CO funding year | | 0 | | | | |
| Construct SRE Building - design | | | 50,000 | | | |
| Construct SRE Building - construction | | | | 635,000 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,563,667 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|---------------------|
| IONIA | | | | | | |
| Conduct MP - ALP update | 157,895 | | | | | |
| Install Taxiway Lighting - design; Replace REIL for Rwy 9 - design | | 34,900 | | | | |
| Install Taxiway Lighting - construction; Replace REIL for Rwy 9 - construction; Airfield Crack Sealing & Paint Marking | | | 353,000 | | | |
| Rehabilitate Apron - Terminal - Design | | | | 59,500 | | |
| Rehabilitate Apron - Terminal - Construction | | | | | 740,000 | |
| TOTAL | | | | | | \$1,345,295 |
| IRONWOOD | | | | | | |
| Rehabilitate Taxiway - Midfield A & A2 - design | 100,000 | | | | | |
| Rehabilitate Taxiway - Midfield A & A2 - construction | | 1,810,000 | | | | |
| Rehabilitate Taxiway Lighting - Midfield Parallel A - design | | | 30,000 | | | |
| Rehabilitate Taxiway Lighting - Midfield Parallel A - construction | | | | 490,000 | | |
| Rehabilitate Runway 9/27 including lighting - design | | | | | 230,000 | |
| TOTAL | | | | | | \$2,660,000 |
| JACKSON | | | | | | |
| Construct Runway 7/25 including Taxiway A - Phase II construction | 9,810,000 | | | | | |
| Rehabilitate Apron - Terminal phase I & corporate - design | | 130,000 | | | | |
| Rehabilitate Apron - Terminal phase I & corporate - construction | | | 1,446,000 | | | |
| Rehabilitate Apron - Terminal phase II - design | | | | 70,000 | | |
| Rehabilitate Apron - Terminal phase II - construction | | | | | 933,000 | |
| TOTAL | | | | | | \$12,389,000 |
| LAKEVIEW | | | | | | |
| Construct Building - Hangar - design | 20,000 | | | | | |
| Construct Building - Hangar - construction | | 371,050 | | | | |
| Airfield Crack Sealing & Paint Marking | | | 65,000 | | | |
| Install Fuel Farm (if eligible to replace existing local) | | | | 239,680 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$862,397 |
| LAPEER | | | | | | |
| Construct Building - Hangar - Design | 45,000 | | | | | |
| Construct Building - Hangar - Construction | | 505,000 | | | | |
| Rehabilitate Runway - Airfield Sealing & Marking | | | 30,000 | | | |
| Construct Building - T-Hangar - Design | | | | 40,000 | | |
| Construct Building - T-Hangar - Construction | | | | | 450,000 | |
| TOTAL | | | | | | \$1,070,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|---|-------------|-------------|-------------|-------------|-------------|--------------------|
| LUDINGTON | | | | | | |
| Rehabilitate Apron - Terminal - design; Rehabilitate Taxiway - Hangar Taxilanes - design | 35,000 | | | | | |
| Rehabilitate Apron - Terminal - construction; Rehabilitate Taxiway - Hangar Taxilanes - construction; Install Apron Lighting - LED fixtures | | 382,925 | | | | |
| Rehabilitate Runways 1/19 & 8/26 - design | | | 80,000 | | | |
| Rehabilitate Runways 1/19 & 8/26 - construction | | | | 1,352,000 | | |
| Rehabilitate Non-Rev Terminal Parking Lot including entrance road | | | | | 185,000 | |
| TOTAL | | | | | | \$2,034,925 |
| MACKINAC ISLAND | | | | | | |
| CO funding year | 0 | | | | | |
| Construct Building - Box Hangar - design | | 30,000 | | | | |
| Construct Building - Box Hangar - construction | | | 483,900 | | | |
| Install Apron Lighting incl. LED windcone; Airfield Crack Sealing & Paint Marking | | | | 152,600 | | |
| Expand Apron | | | | | 304,100 | |
| TOTAL | | | | | | \$970,600 |
| MANISTEE | | | | | | |
| Rehabilitate Runway 10/28 - design | 65,000 | | | | | |
| Rehabilitate Runway 10/28 | | 673,000 | | | | |
| Rehabilitate Runway 1/19 & Taxiways - sealing & marking; ALP update | | | 166,667 | | | |
| Rehabilitate Apron - GA | | | | 300,875 | | |
| Rehabilitate Taxiway A - design | | | | | 200,000 | |
| TOTAL | | | | | | \$1,405,542 |
| MANISTIQUE | | | | | | |
| Install Fencing - design | 25,000 | | | | | |
| Install Fencing - construction | | 366,000 | | | | |
| Acquire Land for approaches or RPZ | | | 110,000 | | | |
| Airfield Crack Sealing & Paint Marking | | | | 30,000 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$697,667 |
| MARLETTE | | | | | | |
| CO funding year | 0 | | | | | |
| Rehabilitate Runway 9/27 - design; Rehabilitate Runway Lighting 9/27 - design | | 111,000 | | | | |
| Rehabilitate Runway 9/27 - construction; Rehabilitate Runway Lighting 9/27 - construction | | | 1,383,000 | | | |
| CO funding year | | | | 0 | | |
| Rehabilitate Taxiway - design | | | | | 51,000 | |
| TOTAL | | | | | | \$1,545,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| MARSHALL | | | | | | |
| Construct Terminal Building - design | 45,000 | | | | | |
| Construct Terminal Building - construction | | 516,941 | | | | |
| Acquire Snow Removal Equipment | | | 166,667 | | | |
| Acquire Land for approaches or RPZ - Rwy 28 | | | | 150,000 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,045,275 |
| MASON | | | | | | |
| Airport Development - TBD | 166,667 | | | | | |
| Construct Service Road (extension) | | 105,000 | | | | |
| Acquire SRE | | | 180,000 | | | |
| Airport Development - TBD | | | | 166,667 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$785,001 |
| MENOMINEE | | | | | | |
| Rehabilitate Runway 14/32 (3700' x 75') - design; Install Runway Lighting 14/32 - design | 135,000 | | | | | |
| Rehabilitate Runway 14/32 (3700' x 75') - construction; Install Runway Lighting 14/32 - construction | | 2,000,000 | | | | |
| Rehabilitate Taxiway - Hangar Access - design | | | 15,500 | | | |
| Rehabilitate Taxiway - Hangar Access - construction | | | | 219,500 | | |
| Improve Terminal Building - design | | | | | 40,000 | |
| TOTAL | | | | | | \$2,410,000 |
| MIDLAND | | | | | | |
| Rehabilitate Apron - SE Terminal - construction | 262,500 | | | | | |
| Install Fencing - Phase 1 - design | | 29,250 | | | | |
| Install Fencing - Phase 1 - construction | | | 280,750 | | | |
| Rehabilitate Taxiway South Taxilanes - design | | | | 30,500 | | |
| Rehabilitate Taxiway South Taxilanes - construction | | | | | 299,500 | |
| TOTAL | | | | | | \$902,500 |
| MIO | | | | | | |
| Remove Obstructions - Rwy 27 approach | 65,000 | | | | | |
| Unclassified Airport - Development TBD | | 0 | | | | |
| Unclassified Airport - Development TBD | | | 150,000 | | | |
| Unclassified Airport - Development TBD | | | | 0 | | |
| Unclassified Airport - Development TBD | | | | | 0 | |
| TOTAL | | | | | | \$215,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| MONROE | | | | | | |
| Rehabilitate Access Road - construction - reimbursement CO funding year | 166,667 | 0 | | | | |
| Acquire Land for approaches or RPZ - Rwy 3 (for PAPI surfaces) | | | 300,000 | | | |
| Install Rwy Vert/Visual Guide System - Rwy 3 PAPI | | | | 70,000 | | |
| Airfield Crack Sealing & Paint Marking | | | | | 40,000 | |
| TOTAL | | | | | | \$576,667 |
| MOUNT PLEASANT | | | | | | |
| Install PAPI & REIL for Runway 9; Install Taxiway Lighting & Guidance Signs - "V" taxiways CO funding year | 315,000 | 0 | | | | |
| Rehabilitate Taxiway A - design | | | 109,500 | | | |
| Rehabilitate Taxiway A - construction | | | | 1,360,500 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,951,667 |
| NEW HUDSON | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | \$0 |
| NEWBERRY | | | | | | |
| Rehabilitate Runway 11/29 - construction | 388,000 | | | | | |
| Rehabilitate Apron & Taxiway - surface treatments | | 153,000 | | | | |
| Airport Development TBD | | | 166,667 | | | |
| Airport Development TBD | | | | 166,667 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,041,001 |
| NILES | | | | | | |
| Remove Obstructions - Rwy 15/33 approaches | 160,000 | | | | | |
| Rehabilitate Runway 15/33 - design; Rehabilitate East Apron - design | | 85,000 | | | | |
| Rehabilitate Runway 15/33 -design; Rehabilitate Taxiway - Hangar Taxiways - design | | | 124,000 | | | |
| Rehabilitate Runway 15/33 -construction; Rehabilitate Taxiway - Hangar Taxiways - construction CO funding year | | | | 1,464,000 | 0 | |
| TOTAL | | | | | | \$1,833,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| ONTONAGON | | | | | | |
| Remove Obstructions - Rwy 17 RPZ & approach; Airfield Crack Sealing & Paint Marking | 287,000 | | | | | |
| Remove Obstructions - Rwy 17 RPZ & approach - wetland mitigation | | 245,000 | | | | |
| Rehabilitate Apron - design | | | 29,500 | | | |
| Rehabilitate Apron - construction | | | | 470,500 | | |
| CO funding year | | | | | 0 | |
| TOTAL | | | | | | \$1,032,000 |
| OSCODA-WURTSMITH | | | | | | |
| Rehabilitate Runway 6/24 - construction; Rehabilitate Runway Lighting 6/24 - construction | 7,520,000 | | | | | |
| Airport Development - TBD | | 166,667 | | | | |
| Airport Development - TBD | | | 166,667 | | | |
| Airport Development - TBD | | | | 166,667 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$8,186,668 |
| OWOSSO | | | | | | |
| Install Fencing - phase 1 construction | 112,000 | | | | | |
| Install Fencing - phase 2 construction | | 243,000 | | | | |
| Install Fencing - phase 3 construction | | | 130,000 | | | |
| Rehabilitate Runway - Airfield sealing & marking | | | | 166,667 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$818,334 |
| PLYMOUTH | | | | | | |
| Construct SRE Building; Rehabilitate Runway 18/36 - design; Rehabilitate Taxiway A - design | 300,000 | | | | | |
| Rehabilitate Runway 18/36; Rehabilitate Taxiway A | | 1,050,000 | | | | |
| CO funding year | | | 0 | | | |
| CO funding year | | | | 0 | | |
| Construct Building - Hangar | | | | | 550,000 | |
| TOTAL | | | | | | \$1,900,000 |
| PONTIAC | | | | | | |
| Install MALSR for Rwy 27L - design; Rehabilitate Apron Terminal Phase 2 - design | 70,000 | | | | | |
| Install MALSR for Rwy 27L - construction; Rehabilitate Apron Terminal Phase 2 - construction | | 1,330,000 | | | | |
| Rehabilitate Taxiway D Phase 1 west; Acquire SRE - loader w/ displacement; Airfield CS & PM | | | 1,127,500 | | | |
| Rehabilitate Taxiway D Phase 2 east & U | | | | 1,890,000 | | |
| Acquire SRE | | | | | 400,000 | |
| TOTAL | | | | | | \$4,817,500 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--|-------------|-------------|-------------|-------------|-------------|--------------------|
| PORT HURON | | | | | | |
| Install Taxiway Lighting - B & C - design | 100,000 | | | | | |
| Install Taxiway Lighting - B & C - construction | | 1,390,000 | | | | |
| Rehabilitate Taxiway B - design | | | 80,000 | | | |
| Rehabilitate Taxiway B - construction | | | | 1,150,000 | | |
| Rehabilitate Runway 4/22 - design; Rehab Runway Lighting 4/22 - design | | | | | 260,000 | |
| TOTAL | | | | | | \$2,980,000 |
| RAY | | | | | | |
| | 0 | | | | | |
| | | 0 | | | | |
| | | | 0 | | | |
| | | | | 0 | | |
| | | | | | 0 | |
| TOTAL | | | | | | \$0 |
| ROGERS CITY | | | | | | |
| Unclassified Airport - Development TBD | 66,459 | | | | | |
| Unclassified Airport - Development TBD | | 0 | | | | |
| Unclassified Airport - Development TBD | | | 0 | | | |
| Unclassified Airport - Development TBD | | | | 0 | | |
| Unclassified Airport - Development TBD | | | | | 0 | |
| TOTAL | | | | | | \$66,459 |
| ROMEO | | | | | | |
| Airport Development - TBD | 166,667 | | | | | |
| Airport Development - TBD | | 166,667 | | | | |
| Airport Development - TBD | | | 166,667 | | | |
| Airport Development - TBD | | | | 166,667 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$833,335 |
| SAGINAW - HARRY W. BROWNE | | | | | | |
| Rehabilitate Runway 9/27 (5000'x 100') - construction | 2,460,000 | | | | | |
| Install Runway Lighting 9/27 - design | | 50,000 | | | | |
| Install Runway Lighting 9/27 - construction | | | 500,000 | | | |
| Rehabilitate Taxiway A, C, D & E - design | | | | 75,000 | | |
| Rehabilitate Taxiway A, C, D & E - construction | | | | | 1,135,000 | |
| TOTAL | | | | | | \$4,220,000 |
| ST. IGNACE | | | | | | |
| Rehabilitate Taxiway - seal joints & paint marking | 135,000 | | | | | |
| Construct Taxiway connector | | 120,000 | | | | |
| Rehabilitate Apron - Terminal (surface treatment) | | | 142,000 | | | |
| Install Fencing - partial perimeter | | | | 149,000 | | |
| Install Taxiway Lighting | | | | | 216,000 | |
| TOTAL | | | | | | \$762,000 |
| SANDUSKY | | | | | | |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|---|-------------|-------------|-------------|-------------|-------------|--------------------|
| Acquire Land for approaches or RPZ - Rwy 9/27; Aero Survey for RNAV approach | 129,000 | | | | | |
| CO funding year | | 0 | | | | |
| Rehabilitate Runway 9/27 - design | | | 46,000 | | | |
| Rehabilitate Runway 9/27 - construction | | | | 626,000 | | |
| CO funding year | | | | | | 0 |
| TOTAL | | | | | | \$801,000 |
| SAULT STE MARIE-SANDERSON (S/L) | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | | | | | | \$0 |
| SOUTH HAVEN | | | | | | |
| Acquire SRE rotary plow; Rehabilitate Runway 5/23, Taxiway A & Terminal Apron - Crack Repair & Remarking - design | 155,000 | | | | | |
| Rehabilitate Runway 5/23, Taxiway A & Terminal Apron Crack Repair & Remarking - construction; Rehabilitate Taxiway B - design | | 230,000 | | | | |
| Rehabilitate Taxiway B - construction | | | 295,000 | | | |
| Improve Airport Drainage - Design | | | | 15,000 | | |
| Improve Airport Drainage - Construction | | | | | 295,000 | |
| TOTAL | | | | | | \$990,000 |
| SPARTA | | | | | | |
| Construct Terminal Building - design | 75,000 | | | | | |
| Construct Terminal Building - construction | | 548,000 | | | | |
| Airfield Crack Sealing & Paint Marking | | | 20,000 | | | |
| Expand Apron - Terminal | | | | 268,000 | | |
| Airport Development TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,077,667 |
| STATEWIDE | | | | | | |
| Crack sealing, Paint marking, AWOS upgrades | 100,000 | | | | | |
| Crack sealing, Paint marking, AWOS upgrades | | 100,000 | | | | |
| Crack sealing, Paint marking, AWOS upgrades | | | 150,000 | | | |
| Crack sealing, Paint marking, AWOS upgrades | | | | 150,000 | | |
| Crack sealing, Paint marking, AWOS upgrades | | | | | 200,000 | |
| TOTAL | | | | | | \$700,000 |

| AIRPORT | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|
| STATEWIDE | | | | | | |
| 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 | | | | 600,000 | | |
| Misc. State/Local projects for airports in MASP | | | | | 600,000 | |
| TOTAL | | | | | | \$2,600,000 |
| STURGIS | | | | | | |
| Rehabilitate Taxiway - T-Hangar Area - design | 71,667 | | | | | |
| Rehabilitate Taxiway - T-Hangar area - construction | | 645,000 | | | | |
| Extend Taxiway D - design | | | 60,000 | | | |
| Extend Taxiway D - construction | | | | 540,000 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,483,334 |
| THREE RIVERS | | | | | | |
| CO funding year | 0 | | | | | |
| Rehabilitate Runway 9/27 - construction | | 1,548,000 | | | | |
| Rehabilitate Taxiway Lighting - Twy C | | | 301,000 | | | |
| Airport Development - TBD | | | | 166,667 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$2,182,334 |
| TROY | | | | | | |
| Rehabilitate Apron - Terminal - construction | 315,000 | | | | | |
| Improve Terminal Building; Airfield Paint Marking | | 160,000 | | | | |
| Install Fencing - design | | | 20,000 | | | |
| Install Fencing - construction | | | | 355,000 | | |
| Rehabilitate Runway Lighting - design | | | | | 45,000 | |
| TOTAL | | | | | | \$895,000 |
| WEST BRANCH | | | | | | |
| CO funding year | 0 | | | | | |
| CO funding year | | 0 | | | | |
| Install Fencing - design | | | 135,000 | | | |
| Install Fencing - construction | | | | 1,210,000 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$1,511,667 |
| WHITE CLOUD | | | | | | |
| Rehabilitate Runway 18/36 - surface treatment | \$220,000 | | | | | |
| Rehabilitate Runway 18/36 Lighting | | 200,000 | | | | |
| Construct Taxiway - Hangar access - design | | | 20,000 | | | |
| Construct Taxiway - Hangar access - construction | | | | 280,000 | | |
| Airport Development - TBD | | | | | 166,667 | |
| TOTAL | | | | | | \$886,667 |
| NON-PRIMARY AIRPORT TOTALS: | 36,192,606 | 36,638,617 | 25,103,286 | 23,155,958 | 20,161,608 | \$141,252,075 |

| AIRPORT | | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|---|--|------------|-----------|-----------|------------|--------------------|----------------------|
| PRIMARY AIRPORTS | | | | | | | |
| ALPENA | Construct New Terminal Building (Design) | 1,080,000 | | | | | |
| | Construct New Terminal Building (Construction) | | 5,930,000 | | | | |
| | Construct New Terminal Building (Construction) | | | 5,930,000 | | | |
| | Install Runway 1/19 LED Lighting (Design) | | | | 11,000 | | |
| | Install Runway 1/19 LED Lighting (Construction) | | | | 207,000 | | |
| | Install Taxiway LED Lighting (Design) | | | | 14,000 | | |
| | Acquire Snow Removal Equipment | | | | 650,000 | | |
| | Rehabilitation of Runway 1/19 (Design) | | | | | 38,000 | |
| Rehabilitation of Runway 1/19 Construction) | | | | | | 527,000 | |
| TOTAL | | | | | | | \$14,387,000 |
| CHARLEVOIX | Design & Install PAPI, REIL, & Windcones | 460,000 | | | | | |
| | Design Terminal Expansion | | 150,000 | | | | |
| | Construct Terminal Expansion | | | 2,000,000 | | | |
| | Construct Terminal Expansion Airport Improvements | | | | 2,000,000 | 1,050,000 | |
| TOTAL | | | | | | \$5,660,000 | |
| DETROIT WILLOW RUN | Develop Airfield Sign Replacement Program | 50,000 | | | | | |
| | Airfield Sign Replacement | 2,000,000 | | | | | |
| | Develop New Parallel Twy for Rwy 5R/23L ph 1 | | 7,350,000 | | | | |
| | Develop New Parallel Twy for Rwy 5R/23L ph 2 | | 6,450,000 | | | | |
| | Residential Sound Insulation Program ph 1 | | 3,000,000 | | | | |
| | Develop New Parallel Twy for Rwy 5R/23L ph 3 | | | 4,450,000 | | | |
| | 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 | | | | | 3,000,000 | | |
| TOTAL | | | | | | | \$38,900,000 |
| DETROIT METRO | Displacement of wry 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 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 | | | | | | | \$247,030,000 |

| AIRPORT | | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|---------------------|--|-------------|-------------|-------------|-------------|-------------|---------------------|
| ESCANABA | Rehab Rwy Pavement Marking & Crack Sealing | 164,000 | | | | | |
| | Rehab Rwy 18/36 Construction | 871,000 | | | | | |
| | Rehab Rwy 18/36 & Twy A Lighting Construction | 372,000 | | | | | |
| | Rehab Rwy 9/27 & Twy B Lighting Design | | 30,000 | | | | |
| | Rehab Rwy 9/27 Design | | 90,000 | | | | |
| | Rehab Rwy 9/27 Construction | | | 1,501,000 | | | |
| | Rehab Rwy 9/27 & Twy B Lighting Construction | | | 385,000 | | | |
| | Airport Improvement | | | | 1,050,000 | | |
| | Airport Improvement | | | | | 1,050,000 | |
| TOTAL | | | | | | | \$5,513,000 |
| FLINT | Perimeter Road Environmental & Preliminary Engr. | 300,000 | | | | | |
| | Perimeter Road Final Design | | 300,000 | | | | |
| | Rehabilitate Terminal Apron | | 1,500,000 | | | | |
| | Corporate Area Development, Apron & Twy (Design) | | | 200,000 | | | |
| | Corporate Area Development, Apron & Twy (Const) | | | | 2,500,000 | | |
| | Aircraft Rescue and Firefighting Vehicle | | | | | 850,000 | |
| TOTAL | | | | | | | \$5,650,000 |
| GRAND RAPIDS | DHS/Terminal Improvements (ph2) | 12,950,000 | | | | | |
| | Terminal apron reconstruction ph1 | 5,579,800 | | | | | |
| | Snow removal equipment replacement | | 352,500 | | | | |
| | Perimeter Road reconstruction | | 1,073,000 | | | | |
| | Terminal apron reconstruction ph2 | | | 5,580,000 | | | |
| | Terminal Building Baggage Design | | | 1,159,000 | | | |
| | Snow removal equipment replacement | | | 585,000 | | | |
| | ARFF Vehicle Replacement | | | | 160,000 | | |
| | Terminal apron reconstruction (ph3) | | | | 5,580,000 | | |
| | Snow removal equipment replacement | | | | | 353,000 | |
| | Snow removal equipment replacement | | | | | 586,000 | |
| TOTAL | | | | | | | \$33,958,300 |
| HANCOCK | Water Tank Improvements | 750,000 | | | | | |
| | Acquire Snow Removal Equipment | 360,000 | | | | | |
| | Acquire Snow Removal Equipment | | 610,000 | | | | |
| | Acquire Snow Removal Equipment | | 310,000 | | | | |
| | Terminal Analysis | | | 41,000 | | | |
| | Design of New Terminal Complex | | | 1,300,000 | | | |
| | Wildlife Control Fencing Design | | | 30,000 | | | |
| | Wildlife Control Fencing Construction | | | 350,000 | | | |
| | Remove Buildings for Terminal Complex | | | | 200,000 | | |
| | Construct New Terminal Building | | | | | 9,000,000 | |
| TOTAL | | | | | | | \$12,951,000 |

| AIRPORT | | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|----------------------|---|-------------|-------------|-------------|-------------|-------------|---------------------|
| IRON MOUNTAIN | Design of Rwy 13/31 Crack Repair and PFC | 41,500 | | | | | |
| | Design of Rwy 1/19 & Twy A & E Rehabilitation | 350,000 | | | | | |
| | Design of Rwy 13/31 & 1/19 Lighting | 73,000 | | | | | |
| | Design of Twy H Rehabilitation | 36,000 | | | | | |
| | Rehabilitation of Twy H | 355,000 | | | | | |
| | Rehabilitation of Rwy 1/19 | | 7,565,000 | | | | |
| | Rehabilitation of Twy A & E | | | 2,193,000 | | | |
| | Rwy 13/31 Crack Repair and PFC Construction | | | 573,000 | | | |
| | Rwy 13/31 & 1/19 Lighting Construction | | | | 365,000 | | |
| | Twy A & E Lighting Construction | | | | 250,000 | | |
| | Design of Rehabilitation of SE Apron | | | | 50,000 | | |
| | Rehabilitation of SE Apron | | | | | 630,000 | |
| | Design of Drainage Improvements and Taxilanes | | | | | 15,000 | |
| TOTAL | | | | | | | \$12,496,500 |
| KALAMAZOO | Construct ARFF/SRE building | 9,500,000 | | | | | |
| | 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 | | | | | | | \$20,800,000 |
| LANSING | 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 | | | | |
| | 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 | | | | | | | \$20,640,500 |
| MARQUETTE | Rwy 1 Approach Pavement Rehabilitation | 365,000 | | | | | |
| | Runway pavement rehabilitation design | 202,000 | | | | | |
| | Runway pavement rehabilitation | | 6,600,000 | | | | |
| | Taxiway Pavement Rehabilitation Design | | | 30,000 | | | |
| | Taxiway Pavement Rehabilitation | | | | 480,000 | | |
| | Acquire Snow Removal Equipment | | | | 610,000 | | |
| | Paint Marking of Airport Pavements | | | | 160,000 | | |
| | Acquire Snow Removal Equipment | | | | | 650,000 | |
| | Terminal Backup Generator | | | | | 530,000 | |
| TOTAL | | | | | | | \$9,097,000 |

| AIRPORT | | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--------------------------|---|-------------|-------------|-------------|-------------|-------------|---------------------|
| MUSKEGON | Rwy 6/24 rehabilitation | 3,000,000 | | | | | |
| | Twy A rehabilitation | | 2,800,000 | | | | |
| | North General Aviation Area Pavement Rehabilitation | | | 520,000 | | | |
| | Twy C Rehabilitation | | | 632,000 | | | |
| | Pavement Marking & Crack Sealing | | | | 200,000 | | |
| | Rapid response ARFF vehicle | | | | 250,000 | | |
| | Deicing Equipment | | | | 200,000 | | |
| | Taxiway rehabilitation | | | | | 1,700,000 | |
| TOTAL | | | | | | | \$9,302,000 |
| PELLSTON | Rehab Rwy 14/32 Design | 325,000 | | | | | |
| | Rehab Rwy 14/32 Construction | 5,135,000 | | | | | |
| | Rehab Rwy 5/23 Design | | 210,000 | | | | |
| | Rehab Rwy 5/23 Construction | | 3,340,000 | | | | |
| | Construct GA Terminal Design | | | 390,000 | | | |
| | Construct GA Terminal Construction | | | | 4,190,000 | | |
| | Airfield Lighting Design | | | | | 47,000 | |
| | Airfield Lighting Construction | | | | | 314,000 | |
| TOTAL | | | | | | | \$13,951,000 |
| SAGINAW - MBS | 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 | | |
| | Purchase snow removal equipment | | | | | 500,000 | |
| TOTAL | | | | | | | \$9,180,000 |
| SS MARIE | Pavement markings – Rwys 16/34 & 9/27 and Twys | 150,000 | | | | | |
| | Crack Sealing | 61,000 | | | | | |
| | Pre-Design & Use Survey for Rwy 9/27 extension | | 30,000 | | | | |
| | Acquire Snow Removal Equipment | | 625,000 | | | | |
| | ARFF vehicle w/FLIR | | | 450,000 | | | |
| | Acquire Snow Removal Equipment | | | 430,000 | | | |
| | ARFF Vehicle Rapid Response | | | | 190,000 | | |
| | Pavement markings | | | | 90,000 | | |
| | Acquire Snow Removal Equipment | | | | 880,000 | | |
| | Crack Sealing | | | | 61,000 | | |
| | Rehab Twy A Design | | | | | 48,000 | |
| Rehab Twy A Construction | | | | | 652,000 | | |
| TOTAL | | | | | | | \$3,667,000 |

| AIRPORT | | 2017 | 2018 | 2019 | 2020 | 2021 | TOTAL |
|--------------------------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| TRAVERSE CITY | Extend Rwy 10 Design | 317,000 | | | | | |
| | Acquire easements for Rwy 10 approach | 850,000 | | | | | |
| | Extend Rwy 10 Construction | | 3,870,000 | | | | |
| | Overlay Rwy 10/28 | | | 1,782,000 | | | |
| | Rehab of Twy West T-Hangar Design | | | | 17,000 | | |
| | Rehab of Twy West T-Hangar Construction | | | | 220,000 | | |
| | Realign Twy D - East Design | | | | | 200,000 | |
| | Rehab Twy D2 Design | | | | | 45,000 | |
| TOTAL | | | | | | | \$7,301,000 |
| PRIMARY AIRPORT TOTALS: | | \$92,135,300 | \$69,452,500 | \$85,101,000 | \$119,563,000 | \$90,940,500 | \$457,192,300 |
| NON-PRIMARY + PRIMARY TOTALS: | | \$128,327,906 | \$106,091,117 | \$110,204,286 | \$142,718,958 | \$111,102,108 | \$598,444,375 |

**FY 2017 CAPITAL OUTLAY BUDGET REQUEST
AND
FIVE-YEAR FACILITIES STRATEGIC PLAN
FY 2017-2021**

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

Prepared by
Office of Operations Administrative Services
Operations Facilities Review Team
October 2015

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MISSION, VISION, VALUES, and STRATEGIC AREAS of FOCUS

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

Vision

The vision of MDOT is to be recognized as a progressive and innovative agency with an exceptional workforce that inspires public confidence.

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.

Strategic Areas of Focus

Leadership:

Align the organization to carry out the MDOT mission, achieve the vision, and demonstrate the values.

Customer-centered:

Understand our customers' most important needs to achieve a more customer-focused agency that results in better service and lower cost.

System Focus:

Provide cost-effective, integrated, and sustainable transportation solutions.

Safety:

Move Michigan toward zero deaths through the incorporation of safety in all our transportation efforts.

Partners:

Foster and sustain partnerships to optimize operations and achieve customer-centered results.

Innovative and Efficient:

Move people and goods through better customer-centered services and performance-driven decision making.

Workforce:

Recruit, develop, and retain a high-performing workforce.

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 requiring corrective maintenance is identified, 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, 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 123,091 route miles (see Table 1). MDOT has jurisdiction over the state trunkline system, which includes 9,668 routes miles and all "I," "US," and "M" numbered highways. Michigan's 90,231 route miles of county roads are under the jurisdiction of 83 counties and 21,310 route miles of municipal streets are owned by 533 incorporated cities and villages. Additionally, there are 1,882 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 | 1820 |
| North | 1750 |
| Grand | 1399 |
| Bay | 1767 |
| Southwest | 975 |
| University | 1241 |
| Metro | 717 |
| Subtotal | 9,668 |
| Local Agencies | |
| Cities and Villages** | 21,310 |
| Counties** | 90,231 |
| Federal/Tribal*** | 1,882 |
| Subtotal | 113,423 |
| STATEWIDE TOTAL: | 123,091 |
| * Source: Preliminary 2014 Sufficiency File | |
| ** Source: 2014 Act 51 Certification | |
| *** Source: MDOT Planning from FHWA 2015 Data | |

Table 1

Michigan travelers who use the freeway system have access to 65 rest areas, 14 welcome centers, and 81 roadside parks. Additionally, throughout northern Michigan, travelers will find 18 picnic table sites and 23 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 (TSCs). 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 resulting in 22 TSCs within the department's seven regions. In FY 2016, as part of the Governor's Regional Prosperity Initiative (RPI), MDOT implemented a change in its regional boundaries. One of the central themes of this organizational change was "One MDOT"—MDOT is one agency united in its purpose and vision. The goal is to break down boundaries and barriers, not only between our customers and the service outcomes desired, but also internally, between service groups within the organization. Under this structure, MDOT will continue to be more intentional about opportunities to provide services across boundaries where doing so will result in a more effective and efficient outcome. The goal is to become less focused on boundaries and more focused on the effective and efficient delivery of services with an emphasis on leveraging our current talent and resources.

An overview of the updated region structure is as follows:

- **Superior:** The Superior Region includes all fifteen (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 Crystal Falls TSC serves Delta, Dickinson, Gogebic, Iron, and Menominee counties. The Ishpeming TSC serves Baraga, Houghton, Keweenaw, Marquette, and Ontonagon counties. The Newberry TSC serves Alger, Chippewa, Luce, Mackinac, and Schoolcraft 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 twenty-one (21) counties of the lower peninsula serving 1,750 trunkline route miles. Three (3) TSCs serve the transportation needs of this region. The Alpena TSC serves Alcona, Alpena, Iosco, Montmorency, Ogemaw, Oscoda, and Presque Isle counties. The Gaylord TSC (located in the North Region Office) serves Antrim, Charlevoix, Cheboygan, Crawford, Emmet, Otsego, and Roscommon counties. The Traverse City TSC serves Benzie, Grand Traverse, Kalkaska, Leelanau, Manistee, Missaukee, and Wexford counties. Major state trunklines include I-75, US-127, US-23, US-131, and US-31.
- **Grand:** The Grand Region serves thirteen (13) counties in the western part of Michigan serving 1,399 trunkline route miles. Three (3) TSCs serve this region. Grand Region is also home to the West Michigan Transportation Operations Center (WMTOC). The Cadillac TSC services Lake, Mecosta, a portion of Montcalm, Newago, and Osceola counties. The Grand Rapids TSC serves a portion of Allegan, Barry, Ionia, Kent, and a portion of Montcalm counties. The Muskegon TSC serves a portion of Allegan, Mason, Muskegon, Oceana, and Ottawa counties. Major state trunklines include I-96, I-196, US-31, US-131, and M-6.
- **Bay:** The Bay Region includes fifteen (15) counties in the Saginaw Bay area serving 1,767 trunkline route miles. Four (4) TSCs serve the transportation needs of this region. The Bay City TSC serves Arenac, Bay, and Saginaw counties. The Davison TSC serves Genesee, Lapeer, and Shiawassee counties. The Huron TSC serves Huron, St. Clair, Sanilac, and Tuscola counties. The Mt. Pleasant TSC serves Clare, Gladwin, Gratiot, Isabella, and Midland counties. Major state trunklines include I-75, I-69, US-127, US-23, and US-10.
- **Southwest:** The Southwest Region covers seven (7) counties in the southwestern part of the state which serve 975 trunkline route miles. Two (2) TSCs serve this region. The Kalamazoo TSC serves Berrien, Cass, Kalamazoo, and Van Buren counties, and the Marshall TSC serves Branch, Calhoun, and St. Joseph counties. Major state trunklines include I-69, I-94, I-196, US-12, US-31, and US-131.
- **University:** The University Region serves nine (9) counties in the heart of south-central Michigan, serving 1,241 trunkline route miles. Three (3) TSCs serve the transportation needs of this region. The Brighton TSC serves Livingston, Monroe, and Washtenaw counties. The Jackson TSC serves Hillsdale, Jackson, and Lenawee counties. The Lansing TSC serves Clinton, Eaton, and Ingham 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 three (3) counties in southeastern Michigan supporting 717 trunkline route miles. Four (4) TSCs serve the transportation needs of this region. The Macomb TSC serves Macomb county, the Oakland TSC serves Oakland County, and both the Detroit TSC and the Taylor TSC jointly serve Wayne County. The three 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. 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 is responsible for 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 are leased from the Department of Technology, Management, and Budget (DTMB). 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). The MDOT Secondary Complex encompasses Construction Field Services, the MDOT Warehouse, and the Horatio S. Earle Learning Center.

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 2017-2021 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 region 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 65 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: Bay City, Cadillac, Crystal Falls, Davison, Detroit, Gaylord (located in the North Region Office), Huron (located in the Bay Region Office), Ishpeming, Jackson, Kalamazoo, Lansing (located in the Aeronautics Building), Marshall, Mt. Pleasant, Muskegon, Newberry, 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, 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 facilities. 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 2015:

- 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 and summer of 2015, facility assessments were performed in the Southwest Region, Superior Region, Passenger Transportation facilities, and all Welcome Centers. MDOT facilities are assessed on a triennial basis, and are planned in future years according to the following schedule:
 - 2016 Metro and University Regions (last assessed in 2013)
 - 2017 Bay Region, Grand Region, North Region, and Lansing-based facilities
 - 2018 Southwest and Superior 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

- Developed a comprehensive inventory of MDOT facilities.
- Performed comprehensive assessments of MDOT facilities in all regions.

FY 2008

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

FY 2009

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

FY 2010

- Enhanced the assessment documentation tool 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.
- Implemented 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

- Developed and implemented a project prioritization tool. 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 of 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. Current/future year documents will be published 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 2017 Implementation Plan

Implementation Plan – 2017 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 resulting in limited available funds for critical maintenance on existing facilities only. It is important to recognize the department has major capital improvement investment needs that must be addressed in the long-range plan.

Implementation Plan – 2017 Special Maintenance Projects

In recognition of the transportation funding crisis, the amount identified and requested for FY 2017 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.

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 2017 Appropriation Request: \$3,001,500

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

- Structure and roof repairs
- Energy improvements including insulation and windows
- Facility exterior repairs and painting
- Facility site improvements including pavement, drainage, and fencing
- Emergency and miscellaneous renovations, maintenance, and repairs

Total Special Maintenance Projects Request for FY 2017: \$ 3,001,500

Total Capital Outlay Budget Request for FY 2017 (STF Funding): \$ 3,001,500

MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2017 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 resulting in limited available funds for critical maintenance on existing facilities only. 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 2017 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--------------------------------|--|--|--|---|--|------------------------------|
| 2017 | Southwest Region Coldwater Welcome Center Southwest Prosperity Region 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. | Protect the health and safety of employees and visitors. Maintain critical welcome center operations that support Michigan tourism. | No viable alternative. | Savings realized through the protection of existing assets, the mitigation of short-term fixes of aging equipment, and the safety of personnel and the traveling public. | \$55,700 2116-STF |
| 2017 | Lansing Operations Field Services South Central Prosperity Region County: Eaton | GAR-1 Garage | Apply roof coating over entire building. | The existing metal roof has numerous leaks and needs to be coated. | 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 damage and protect building contents. | \$227,200 2116-STF |
| 2017 | University Region Brighton Garage Southeast Michigan Prosperity 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. | \$57,900 2116-STF |

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

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|-----------------------|---|--|---|--|---|------------------------------|
| 2017 | Superior Region L'Anse Garage Western UP Prosperity Region County: Baraga | GAR-1 Garage | Replace windows and twelve (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. | \$27,600 2116-STF |
| 2017 | Metro Region Ford/Wyoming Salt Storage Building Detroit Metro Prosperity Region 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 for maintenance vehicles and equipment to operate. | Pavement is deteriorated beyond salvage and resurfacing would be a more costly solution due to short term benefits. | Improved operations from a smooth transportation surface | \$135,100 2116-STF |
| 2017 | Bay Region Saginaw East Garage East Central Prosperity Region 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. However, 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. | \$422,100 2116-STF |

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

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|-----------------------|---|---|---|---|---|------------------------------|
| 2017 | Grand Region Plainwell Garage West Michigan Prosperity Region 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. | Full rehab and replacement was considered; further investigation revealed existing base can be salvaged if repaired before pavement condition further deteriorates. | Significant savings by repairing existing pavement in lieu of complete rehab and replacement. | \$355,700 2116-STF |
| 2017 | Metro Region Detroit Garage Detroit Metro Prosperity Region County: Wayne | STE-1 Site | Add additional exterior lighting on the south and east side of site. | There is poor lighting along the south and east sides of site. | Improved lighting for better protection of personnel and site. | No viable alternative. | Mitigate risk of vandalism and theft. | \$244,300 2116-STF |
| 2017 | Metro Region Port Huron Garage East Michigan Prosperity Region 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 for maintenance vehicles and equipment to 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. | \$172,500 2116-STF |

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

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|-----------------------|-----------------------------------|--|--|--|---|------------------------------|
| 2017 | Grand Region Reed City Garage West Central Prosperity Region County: Osceola | GAR-1 Garage | Tuck-point and paint exterior. | Building exterior finish is in poor condition. | Preserve and protect structural integrity of building. | Sheet metal siding was considered but proved to be too cost prohibitive. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$117,100 2116-STF |
| 2017 | North Region Atlanta Garage Northeast Prosperity Region County: Montmorency | GAR-1 Garage | Tuck point and paint exterior. | The exterior surface is showing signs of significant wear. | Preserve and protect structural integrity of building. | No viable alternative. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$52,900 2116-STF |
| 2017 | Grand Region Marion Garage West Central Prosperity Region County: Osceola | GAR-1 Garage | Tuck point and paint exterior. | The exterior surface is showing signs of significant wear. | Preserve and protect structural integrity of building. | Siding was considered but proved to be too cost prohibitive. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$78,300 2116-STF |

MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2017 SPECIAL MAINTENANCE PROJECTS

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------------------|--|--|---|--|--|------------------------------|
| 2017 | Superior Region Sault Ste. Marie Welcome Center Eastern UP Prosperity Region 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. | \$63,000 2116-STF |
| 2017 | Southwest Region Kalamazoo Garage Southwest Prosperity Region 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. | \$60,200 2116-STF |
| 2017 | Superior Region Marquette Welcome Center Central UP Prosperity Region County: Marquette | WCT-1 Welcome Center | Remove and replace exterior windows on first floor. Fill-in window openings with logs matching the facility on the second floor. | Windows are broken/in poor condition and no longer energy efficient. The seals are broken in several windows and the inert gas has escaped causing the windows to fog. 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 |

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

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|-----------------------------------|---|---|--|--|--|------------------------------|
| 2017 | Southwest Region Jones Garage Southwest Prosperity Region 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. | \$46,600 2116-STF |
| 2017 | University Region University Region Maintenance Crews Southeast Michigan Prosperity 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. | \$41,300 2116-STF |
| 2017 | University Region Charlotte Garage South Central Prosperity Region County: Eaton | GAR-1 Garage | Replace windows in mechanic's bay area and main garage. | 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. | \$40,200 2116-STF |

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

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------------------|---|--|---|--|---|------------------------------|
| 2017 | Southwest Region Jones Garage Southwest Prosperity Region 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. | \$38,800 2116-STF |
| 2017 | Grand Region Grand Rapids Garage West Michigan Prosperity Region County: Kent | GAR-1 Garage | Tuck point and paint building exterior. | Exterior paint is in poor condition. | Preserve and protect structural integrity of building. | No viable alternative. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$37,800 2116-STF |
| 2017 | Bay Region Mt. Pleasant Garage/ Mt. Pleasant TSC East Central Prosperity Region County: Isabella | SSB-1 Salt/Sand Storage | Paint siding overhead. | Paint has faded and is in poor condition. | Preserve and protect structural integrity of building. | Deferment of project will increase risk of moisture penetrating block walls and causing further deterioration. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$37,600 2116-STF |

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

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|----------------------------|---|--|--|--|---|------------------------------|
| 2017 | North Region North Region Office/ Gaylord TSC Northeast Prosperity Region County: Otsego | REG-1 Region Office | Paint exterior of building. | The exterior surface is showing signs of significant wear. | Preserve and protect structural integrity of building. | Deferment of project will result in further deterioration with potentially higher repair costs. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$35,700 2116-STF |
| 2017 | University Region Charlotte Garage South Central Prosperity Region 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. | \$35,300 2116-STF |
| 2017 | Southwest Region Coloma Garage Southwest Prosperity Region County: Barrien | GAR-1 Garage | Paint and tuck point exterior. | 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. | \$32,400 2116-STF |

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CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2017 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------------------|--|--|---|--|--|------------------------------|
| 2017 | Southwest Region Jones Garage Southwest Prosperity Region 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. | \$32,200 2116-STF |
| 2017 | North Region Mio Garage Northeast Prosperity Region County: Oscoda | SSB-2 Salt/Sand Storage | Paint building exterior including lean-to. | The exterior surface is showing signs of significant wear. | Preserve and protect structural integrity of building. | Sheet metal siding was considered but proved to be too cost prohibitive. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$31,100 2116-STF |
| 2017 | Southwest Region Sawyer Garage Southwest Prosperity Region County: Benzie | 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. | \$30,200 2116-STF |

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CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2017 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|-----------------------------------|--|--|--|--|--|------------------------------|
| 2017 | Bay Region Saginaw East Garage East Central Prosperity Region County: Saginaw | SSB-2 Salt/Sand Storage | Paint exterior wood surfaces. | The exterior surface is showing signs of significant wear. | Preserve and protect structural integrity of building. | Sheet metal siding was considered but too cost prohibitive. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$29,800 2116-STF |
| 2017 | Southwest Region Paw Paw Garage Southwest Prosperity Region 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. | \$22,300 2116-STF |
| 2017 | Grand Region Marion Garage West Central Prosperity Region County: Osceola | SSB-1 Salt/Sand Storage | Paint exterior. | The exterior surface is showing signs of significant wear. | Preserve and protect structural integrity of building. | Siding was considered but proved to be too cost prohibitive. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$21,700 2116-STF |

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CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2017 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------------------|--|---|---|--|---|------------------------------|
| 2017 | University Region Grand Ledge Garage South Central Prosperity Region 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. | \$20,400 2116-STF |
| 2017 | Southwest Region Jones Garage Southwest Prosperity Region 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. | \$20,100 2116-STF |
| 2017 | Lansing Fleet Administration & Operations South Central Prosperity Region 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. | \$20,000 2116-STF |

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FY 2017 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|-----------------------------------|--|--|---|--|---|------------------------------|
| 2017 | Southwest Region Sawyer Garage | 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. | \$19,400 2116-STF |
| | Southwest Prosperity Region County: Benzie | | | | | | | |
| 2017 | Southwest Region Jones Garage | 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. | \$19,500 2116-STF |
| | Southwest Prosperity Region County: Cass | | | | | | | |
| 2017 | Superior Region St. Ignace Garage | 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. | \$19,100 2116-STF |
| | Eastern UP Prosperity Region County: Mackinac | | | | | | | |

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

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------|--|--|---|--|---|------------------------------|
| 2017 | University Region Adrian Garage Southeast Michigan Prosperity 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. | \$18,100 2116-STF |
| 2017 | Grand Region Fennville Garage West Michigan Prosperity Region 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. | \$89,500 2116-STF |
| 2017 | Southwest Region Jones Garage Southwest Prosperity Region 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. | \$75,200 2116-STF |

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

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------|--|---|---------------------------------------|------------------------|--|------------------------------|
| 2017 | Grand Region Grand Region Maintenance Crews West Michigan Prosperity Region County: Kant | 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. | Improved safety and security of site. | No viable alternative. | Better stewardship of facility assets through improved security. | \$30,200 2115-STF |

FY 2017 SPECIAL MAINTENANCE TOTAL \$3,001,500

**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 | Lansing Bureau of Field Services South Central Prosperity Region County: | OTH-1 Other | Design and construct combined field services facility. | Currently field services is housed in five separate locations throughout the Lansing vicinity. | Gain efficiencies and cost savings from having operations housed in one MDOT owned facility. | Continue to operate from separate locations which is inefficient and not cost effective. | Combined facility provides economic benefit by maximizing the use of property and shared use of common buildings, equipment, and services. | 2116-STF Formal scope and cost estimation in progress. |
| 2018 | Grand Region Muskegon TSC West Michigan Prosperity Region 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 to efficient operations. | Increased productivity and optimized operations by having sufficient office, meeting, and storage space. Increased security will reduce risk to building and contents. | 2116-STF Formal scope and cost estimation in progress. |
| 2018 | University Region Ann Arbor TSC Southeast Michigan Prosperity 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. | Improve customer service through the utilization of an MDOT-owned facility. | Lease an alternative facility. After extensive research DTMB/MDOT has not been able to identify a lease space that is more cost effective than constructing a new state-owned facility. | Increased visibility and services to the customer. Buy versus lease supports long term savings, and meets operational needs. | 2116-STF Formal scope and cost estimation in progress. |

**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 | Southwest Region South Haven Garage Southwest Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2019 | University Region Lansing TSC South Central Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2019 | Grand Region Grand Rapids TSC West Michigan Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |

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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 | Southwest Region Coloma Garage Southwest Prosperity Region 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. | 2115-STF Formal scope and cost estimation in progress. |
| 2019 | University Region Grand Ledge Garage South Central Prosperity Region 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. | 2115-STF Formal scope and cost estimation in progress. |
| 2019 | Southwest Region South Haven Garage Southwest Prosperity Region 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. | 2115-STF Formal scope and cost estimation in progress. |

**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 | Southwest Region Sawyer Garage Southwest Prosperity Region County: Benzie | 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. | 211E-STF Formal scope and cost estimation in progress. |
| 2019 | Southwest Region Jones Garage Southwest Prosperity Region 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. | 211E-STF Formal scope and cost estimation in progress. |
| 2019 | Metro Region Caniff-Greeley Salt Storage Building Detroit Metro Prosperity Region 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. | 211E-STF Formal scope and cost estimation in progress. |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2020 MAJOR CAPITAL PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--------------------------------|--|---|--|--|---|---|
| 2020 | Southwest Region South Haven Garage Southwest Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2020 | University Region Grand Ledge Garage South Central Prosperity Region County: Eaton | GAR-1 Garage | Design and construct 46,000 sq. ft. Garage, 2,000 sq. ft. wash bay, and 7,500 sq. ft. heated storage building on existing MDOT owned property. | The current facility exceeds 50 years in service, is operating at more than twice the intended capacity, is not centrally located to the geographic area of responsibility. | Combined facility located on existing state owned property will meet current and future operational and staffing needs. | Substantial critical repair/ renovation investment (Est. \$2M) to a facility which does not meet operational needs and is located outside the geographic area of responsibility. | Combined facility provides economic benefit by maximizing the use of property and shared use of common buildings. | 2116-STF Formal scope and cost estimation in progress. |
| 2020 | University Region Dundee Welcome Center Southeast Michigan Prosperity 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. | 2116-STF Formal scope and cost estimation in progress. |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2020 MAJOR CAPITAL PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|---------------------------|---|---|--|---|---|--|
| 2020 | University Region Charlotte Garage South Central Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2020 | Southwest Region South Haven Garage Southwest Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 MAJOR CAPITAL PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|--|--|---|---|---|--|---|
| 2021 | Southwest Region Sawyer Garage Southwest Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2021 | Metro Region Macomb-St. Clair TSC Detroit Metro Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2021 | North Region Traverse City TSC Northwest Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 MAJOR CAPITAL PROJECTS**

| FY | Bureau/Region Location | Building/Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-------------------------|---|---|---|-------------------------|--|---|
| 2021 | Superior Region Sault Ste. Marie Welcome Center Eastern UP Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2021 | Superior Region St. Ignace Welcome Center Eastern UP Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2021 | Superior Region Ironwood Welcome Center Western UP Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 MAJOR CAPITAL PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------------------|---|---|---|---|--|---|
| 2021 | Grand Region Hastings Garage West Michigan Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |
| 2021 | Grand Region Grand Region Office West Michigan Prosperity Region 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. | 2116-STF Formal scope and cost estimation in progress. |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | University Region Brighton Garage Southeast Michigan Prosperity 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. However, early mill and resurfacing can salvage the base layer. | Lower overall operating costs by applying early maintenance intervention. | \$561,100 2116-STF |
| 2018 | University Region Mason Garage South Central Prosperity Region 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. | \$54,600 2116-STF |
| 2018 | Bay Region Saginaw West Garage East Central Prosperity Region County: Saginaw | GAR-1 Garage | Replace two (2) existing floor hoists. | The two (2) existing floor hoists are inadequate to handle the larger, tandem-axle trucks. Currently the garage is equipped with portable hoists. | 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. | \$886,900 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 Region Saginaw East Garage East Central Prosperity Region 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. However, 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. | \$554,800 2116-STF |
| 2018 | Bay Region Clare Welcome Center East Central Prosperity Region 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. | Improved safety for personnel and visitors. | \$573,900 2116-STF |
| 2018 | Superior Region Engadine Garage Eastern UP Prosperity Region 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. | \$173,700 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | Southwest Region Kalamazoo Garage Southwest Prosperity Region 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. | \$166,400 2116-STF |
| 2018 | Metro Region Detroit Garage Detroit Metro Prosperity Region County: Wayne | STE-1 Site | Correct poor drainage in the parking lot, on both south and west sides of the 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. | \$164,700 2116-STF |
| 2018 | Grand Region Plainwell Garage West Michigan Prosperity Region 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. | \$95,100 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | University Region Grand Ledge Garage South Central Prosperity Region 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 structural and content damage. | Preventive maintenance investment will mitigate risk to structure and building contents. | \$82,400 2116-STF |
| 2018 | Bay Region Saginaw East Garage East Central Prosperity Region County: Saginaw | GAR-1 Garage | Exterior window replacement for northeast corner meeting room and north side office area. | Exterior windows are in poor condition and are not energy efficient. | Preserve and protect structural integrity of building. | No viable alternative. | Preventive maintenance investment will mitigate risk of structural and building content damage. Reduced energy consumption and associated costs. | \$75,700 2116-STF |
| 2018 | Southwest Region Niles Garage Southwest Prosperity Region 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. | \$23,100 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | University Region Mason Garage South Central Prosperity Region 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 structural and content damage. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$20,500 2116-STF |
| 2018 | Southwest Region Southwest Region Office Southwest Prosperity Region 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. | \$19,900 2116-STF |
| 2018 | University Region Williamston Garage South Central Prosperity Region 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 structural and content damage. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$16,500 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | Superior Region Crystal Falls TSC Western UP Prosperity Region County: Iron | TST-1 Testing Lab | Tuck point and paint exterior of the building. | Exterior paint is 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. | \$15,300 2116-STF |
| 2018 | Southwest Region Coldwater Welcome Center Southwest Prosperity Region 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 and protection of the facility will be improved. | Continue with insufficient pressure. | Improved safety for personnel and visitors. | \$90,400 2116-STF |
| 2018 | Grand Region Fennville Garage West Michigan Prosperity Region 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. | \$90,300 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | Southwest Region Coldwater Welcome Center Southwest Prosperity Region County: Branch | WCT-1 Welcome Center | Replace security gate. | The gate has deteriorated and requires frequent repair. | Improved safety and security of site. | Absorb cost of short-term costly repairs. | Better stewardship of facility assets and site security. | \$61,200 2116-STF |
| 2018 | Southwest Region New Buffalo Welcome Center Southwest Prosperity Region County: Benien | STE-1 Site | Crack seal parking lot and repair truck parking slab. | Existing pavement is in poor condition with large cracking. | Smooth quality transportation service. | Deferment of project will result in further deterioration and higher repair costs. | Mitigate safety risk and provide the traveling public with a smooth reliable transportation surface. | \$408,900 2116-STF |
| 2018 | Grand Region Hastings Garage West Michigan Prosperity Region 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. | \$199,000 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 Region Saginaw East Garage East Central Prosperity Region County: Saginaw | GAR-1 Garage | Install infra-red heaters in mechanic's area and adjacent parts room. | Heating and ventilation system in mechanic's area and adjacent parts room is in poor condition and are inefficient to operate. | Protection of structure and reduction in energy consumption and associated costs. | No viable alternative. | Savings realized in replacing an inefficient and antiquated system requiring frequent maintenance. Additional savings realized in the reduction of energy consumption and associated costs. | \$173,300 2116-STF |
| 2018 | Southwest Region New Buffalo Welcome Center Southwest Prosperity Region County: Benton | 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. | \$83,400 2116-STF |
| 2018 | Bay Region Saginaw East Garage East Central Prosperity Region County: Saginaw | GAR-1 Garage | Install 2 ton overhead crane along the length of the existing main center roof truss. | The mechanic's area currently does not have an overhead crane for vehicle repair operations. | Complete vehicle work in-house, safely, and on time. | Taking the work outside the garage/MDOT which is not feasible due to cost and operational impacts of scheduling service. | Improved safety at the facility. | \$82,000 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | University Region Grand Ledge Garage South Central Prosperity Region 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. | \$74,300 2116-STF |
| 2018 | Metro Region Ford/Wyoming Salt Storage Building Detroit Metro Prosperity Region County: Wayne | STE-1 Site | Replace fence and gates. | Fence and gates are deteriorating. | Improved safety and security of site. | No viable alternative. | Provide deterrence of theft, vandalism, or personal injury. | \$59,700 2116-STF |
| 2018 | Southwest Region Jones Garage Southwest Prosperity Region 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. | \$46,800 2116-STF |

MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | Southwest Region Coldwater Welcome Center Southwest Prosperity Region County: Branch | WCT-1 Welcome Center | Replace lighting in the lobby and brochure area. | Lighting is not sufficient for operations and is not energy efficient. | 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. | \$36,300 2116-STF |
| 2018 | Superior Region Houghton Garage Western UP Prosperity Region 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. | \$97,700 2116-STF |
| 2018 | Superior Region Engadine Garage Eastern UP Prosperity Region 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. | \$173,500 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | Metro Region M-102 - US-24 Salt Storage Building Detroit Metro Prosperity Region 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. | \$144,600 2116-STF |
| 2018 | University Region Dundee Welcome Center Southeast Michigan Prosperity 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. | \$70,500 2116-STF |
| 2018 | University Region Grand Ledge Garage South Central Prosperity Region 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. | \$51,200 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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 | Metro Region Pelham Yard Salt Storage Building Detroit Metro Prosperity Region County: Wayne | STE-1 Site | Correct site drainage. | Southwest corner of site and area behind salt shed are retaining water. | Proper drainage for long-term protection of pavement. | No viable alternative. | Preventive maintenance will mitigate risk of costly pavement repair. | \$46,100 2116-STF |
| 2018 | University Region Brighton Garage Southeast Michigan Prosperity 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. | \$40,700 2116-STF |
| 2018 | Bay Region Bay Region Maintenance Crews East Central Prosperity Region County: Saginaw | STE-1 Site | Crack and seal asphalt as needed. | Large deep cracks in asphalt. | Restore pavement to full function and mitigate environmental concerns. | Deferment of project will result in continued deterioration. | Lower overall operating costs by applying early maintenance intervention. | \$34,000. 2116-STF |

MICHIGAN DEPARTMENT OF TRANSPORTATION
 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 | University Region University Region Maintenance Crews Southeast Michigan Prosperity County: Jackson | STE-1 Site | Remove and replace fencing. | Existing fence is in poor condition. | Improved safety and security of site. | No viable alternative. | Provide deterrence of theft, vandalism, or personal injury. | \$29,400 2118-STF |

FY 2018 SPECIAL MAINTENANCE TOTAL \$5,577,700

**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 | University Region Charlotte Garage South Central Prosperity Region 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. | \$555,600 2116-STF |
| 2019 | Bay Region Clare Welcome Center East Central Prosperity Region 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. | \$375,500 2116-STF |
| 2019 | University Region Grand Ledge Garage South Central Prosperity Region 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. | Restore pavement to full function and mitigate environmental concerns. | Considered replacement of full pavement structure, including base. However, early mill and resurfacing can salvage the base layer. | Lower overall operating costs by applying early maintenance intervention. | \$616,600 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 Region St. Ignace Garage Eastern UP Prosperity Region 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. | \$326,600 2116-STF |
| 2019 | Bay Region Clare Welcome Center East Central Prosperity Region County: Clare | STE-1 Site | Replace sidewalk on south bound ramp. | Sidewalk is in poor condition and is a trip hazard. | Improved site safety. | No viable alternative. | Preservation and safety of site grounds for personnel and visitors. | \$100,600 2116-STF |
| 2019 | University Region Grand Ledge Garage South Central Prosperity Region County: Eaton | GAR-1 Garage | Replace lighting system. | Lighting is not sufficient for operations and is not energy efficient. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$45,000 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 | University Region Mason Garage South Central Prosperity Region County: Ingham | GAR-1 Garage | Replace lighting system. | Lighting is not sufficient for operations and is not energy efficient. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$33,800 2116-STF |
| 2019 | University Region Jackson TSC Southeast Michigan Prosperity 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. | Smooth transportation surface for improved operations. | \$183,200 2116-STF |
| 2019 | Superior Region Engadine Garage Eastern UP Prosperity Region County: Mackinac | SSS-1 Salt/Sand Storage | Construct 70' x 25' x 20' lean-to over bulk material storage bins on east side of salt/sand storage building. | This facility has inadequate covered storage to store equipment and materials. | Adequate space to store equipment and materials protected from the elements. | Continue to store materials and equipment outside and unprotected from the elements. This alternative was rejected due to high cost of replacing purchased assets. | Keeping assets readily available in a covered structure allows for a faster response to requests by police and emergency personnel. Additionally, savings are realized by protecting assets from the elements, thereby maintaining warranties. | \$165,000 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 | Metro Region Metro Region Maintenance Crews Detroit Metro Prosperity Region 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. | Significant savings by repairing existing pavement in lieu of complete rehab and replacement. | \$129,400 2115-STF |
| 2019 | Southwest Region Sawyer Garage Southwest Prosperity Region County: Benien | 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 pieces equipment, will be greatly reduced. | Continue to store materials and equipment outside, unprotected from the elements. This alternative was rejected due to high cost of replacing assets. | Cost savings are realized by protecting purchased assets, securing materials and equipment in alignment with warranty, and affording the opportunity to order materials at bulk rates. | \$80,100 2115-STF |
| 2019 | University Region Grand Ledge Garage South Central Prosperity Region 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. | \$71,400 2115-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 | North Region Kalkaska Garage Northwest Prosperity Region County: Kalkaska | SSB-2 Salt/Sand Storage | Construct/extend lean-to along north side of the building. | 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. | \$57,200 2116-STF |
| 2019 | University Region Williamston Garage South Central Prosperity Region 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. | \$44,100 2116-STF |
| 2019 | Superior Region Ironwood Welcome Center Western UP Prosperity Region County: Gogebic | WCT-1 Welcome Center | Replace handrails at ramp and steps with aluminum railings. | 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. | \$27,700 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 | University Region Brighton Garage Southeast Michigan Prosperity 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. | \$24,800 2116-STF |
| 2019 | Grand Region Hastings Garage West Michigan Prosperity Region County: Barry | STE-1 Site | Replace bituminous pavement. | Pavement is in poor condition with excessive cracking. | 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. | Taxes used appropriately to protect existing assets. | \$395,700 2116-STF |
| 2019 | University Region Grand Ledge Garage South Central Prosperity Region 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. | Efficient winter operations in compliance with environmental laws, rules and regulations. | \$164,400 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 | Bay Region Clare Welcome Center East Central Prosperity Region County: Clare | STE-1 Site | Remove existing lagoon. | Lagoon is no longer required and must be removed. | Remove unnecessary safety hazard. | No viable alternative. | Mitigate unnecessary safety hazard. | \$109,600 2116-STF |
| 2019 | Southwest Region Southwest Region Office Southwest Prosperity Region 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. | \$63,700 2116-STF |
| 2019 | Superior Region Engadine Garage Eastern UP Prosperity Region 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. | \$45,200 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 | University Region Charlotte Garage South Central Prosperity Region County: Eaton | GAR-1 Garage | Replace lighting system. | Lighting is not sufficient for operations and is not energy efficient. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$43,100 2116-STF |
| 2019 | Lansing Fleet Administration & Operations South Central Prosperity Region 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. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$39,700 2116-STF |
| 2019 | Bay Region Davison TSC East Michigan Prosperity Region County: Genesee | STE-1 Site | Install trench drain in front of testing lab area and route run-off to the northwest. | Water flows into testing lab area at service door and overhead door. | Protect building and contents from water and weather damage. | No viable alternative. | Protection and preservation of assets. | \$20,000 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
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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 | Lansing Fleet Administration & Operations South Central Prosperity Region 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. | Full rehab and replacement was considered. However, further investigation revealed existing pavement base can be salvaged if reconstructed before existing pavement condition deteriorates further. | Significant savings by repairing existing pavement in lieu of complete rehab and replacement. | \$619,500 2116-STF |
| 2019 | Southwest Region Southwest Region Office Southwest Prosperity Region County: Kalamazoo | STE-1 Site | Mill and replace top course. | Pavement is in poor condition with excessive cracking. | Protective surface on which maintenance vehicles and equipment will operate. | Full rehab and replacement was considered. However, further investigation revealed existing pavement base can be salvaged if reconstructed before existing pavement condition deteriorates further. | Improved operations from a smooth transportation surface. | \$412,900 2116-STF |
| 2019 | Southwest Region South Haven Garage Southwest Prosperity Region 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. | \$154,000 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 Region L'Anse Garage Western UP Prosperity Region 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. | Pavement resurfacing was considered. Further investigation of pavement found condition to be deteriorated beyond salvage. | Improved operations from a smooth transportation surface. | \$92,900 2116-STF |
| 2019 | Southwest Region Southwest Region Office Southwest Prosperity Region County: Kalamazoo | REG-1 Region Office | Install T8 ballast and lights to replace T12 that have not yet been changed. | Lighting is not sufficient for operations and is not energy efficient. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$71,000 2116-STF |
| 2019 | University Region Jackson Testing Lab Southeast Michigan Prosperity 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. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$63,900 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 Region L'Anse Garage Western UP Prosperity Region 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. | Preserve and protect the asset and provide a safe walking surface for the public and MDOT employees. | Repairing and patching the existing concrete floor slab was a considered alternate, but due to the amount of patch and repair work involved it is not a viable cost efficient option. | Preventive maintenance investment will mitigate risk of structural and building content damage as well as address safety issues. | \$54,900 2116-STF |
| 2019 | University Region Mason Garage South Central Prosperity Region 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 better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$34,100 2116-STF |
| 2019 | University Region Williamston Garage South Central Prosperity Region County: Ingham | SSB-2 Salt/Sand Storage | Replace sodium lighting inside salt storage building. | Inefficient/dated lighting. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$26,900 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 | University Region Mason Garage South Central Prosperity Region 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 better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$16,300 2116-STF |
| 2019 | University Region Grand Ledge Garage South Central Prosperity Region 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. | 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. | \$247,900 2116-STF |
| 2019 | University Region Brighton Garage Southeast Michigan Prosperity County: Livingston | HSB-2 Heated Storage | Replace floor drain. | Existing drain is failing. | Functional drain. | No viable alternative. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$27,200 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 | North Region Mackinaw City Welcome Center Northeast Prosperity Region County: Emmet | WCT-1 Welcome Center | Make outside restrooms ADA accessible. | Not accessible to all customers. | Improved access for ADA customers. | No viable alternative. | Compliance with ADA and building code requirements. Improved customer service for the traveling public. | \$18,600 2116-STF |

FY 2019 SPECIAL MAINTENANCE TOTAL \$5,568,700

MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2020 SPECIAL MAINTENANCE PROJECTS

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------|--|---|---|---|---|------------------------------|
| 2020 | Bay Region Saginaw East Garage East Central Prosperity Region 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. | \$2,541,500 2116-STF |
| 2020 | Southwest Region Paw Paw Garage Southwest Prosperity Region 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. | Significant savings by repairing existing pavement in lieu of complete rehab and replacement. | \$228,600 2116-STF |
| 2020 | Superior Region Marquette Welcome Center Central UP Prosperity Region County: Marquette | STE-1 Site | Replace sidewalk. | Sidewalk has cracking and heaving and is not safe for pedestrian passage. | Improved safety at the site. | Asphalt replacement was considered but not selected due to durability. | Mitigate safety risk and provide safe walking surface for the public and MDOT employees. | \$83,500 2116-STF |

MICHIGAN DEPARTMENT OF TRANSPORTATION
 CAPITAL OUTLAY FIVE-YEAR PROGRAM
 FY 2020 SPECIAL MAINTENANCE PROJECTS

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--------------------------------|---|--|---|---|--|------------------------------|
| 2020 | North Region Mackinaw City Welcome Center Northeast Prosperity Region County: Emmet | WCT-1 Welcome Center | Replace floor tile in restrooms. | Floor tile is in poor condition. | Improved appearance and structural protection. | Epoxy flooring with abrasive texture. The alternative was not selected due to aesthetics. | Protection of the structural integrity of the asset. | \$30,300 2116-STF |
| 2020 | Southwest Region New Buffalo Welcome Center Southwest Prosperity Region County: Benzie | WCT-1 Welcome Center | Recarpet floors in public area. | Carpet is showing visible signs of wear. | Safe walking surface for the public and MDOT employees. | Defer project and absorb risk of potential safety hazard. | Mitigate safety risk and improve customer service. | \$28,500 2116-STF |
| 2020 | Southwest Region New Buffalo Welcome Center Southwest Prosperity Region County: Benzie | 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. | Improved access for ADA customers. | No viable alternative. | Compliance with ADA, and building code requirements. Improved customer service for the traveling public. | \$27,500 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2020 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--|--------------------------------|--|--|--|---|------------------------------|
| 2020 | University Region Brighton Garage Southeast Michigan Prosperity County: Livingston | GAR-1 Garage | Concrete floor restoration. | The existing concrete floor has visible cracks and surface spalling. Because the surface is not sealed it is difficult to clean. | Preserve and protect the asset and provide a safe walking surface for the public and MDOT employees. | Deferring project will result in further deterioration and then will require a full rehab and replacement. | Preventive maintenance investment will mitigate risk of structural and building content damage as well as address safety issues. | \$162,900 2116-STF |
| 2020 | Southwest Region Coldwater Welcome Center Southwest Prosperity Region 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. | Full rehab and replacement was considered. However, further investigation revealed existing pavement base can be salvaged if reconstructed before existing pavement condition deteriorates further. | Improved operations from a smooth transportation surface. | \$353,900 2116-STF |
| 2020 | Grand Region Grand Region Office West Michigan Prosperity Region County: Kent | TSC-1 Transportation Service Center | Remodel receptionist area. | Existing receptionist area is not adequate for office operations and servicing the public. | More efficient operation and improved customer service at this public entrance. | Deferral of project would result in continued inefficient operation and reduced customer service. | Improved customer service for the public: easier to enter the facility and reduced operational costs due to insufficient layout of office space. | \$230,100 2116-STF |

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FY 2020 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--|-----------------------------------|--|--|--|---|------------------------------|
| 2020 | Southwest Region Marshall TSC Southwest Prosperity Region 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. | Significant savings by repairing existing pavement in lieu of complete rehab and replacement. | \$197,800 2116-STF |
| 2020 | Grand Region Grand Region Office West Michigan Prosperity Region County: Kent | REG-1 Region Office | Replace carpeting. | Carpet is showing visible signs of wear. | Safe walking surface for the public and MDOT employees. | Defer project and absorb risk of potential safety hazard. | Mitigate safety risk and improve facility condition. | \$66,500 2116-STF |
| 2020 | Southwest Region New Buffalo Welcome Center Southwest Prosperity Region County: Benien | WCT-1 Welcome Center | Modify three points of vestibule. | Excessive heat and moisture trapped in vestibule area. | Decrease temperature and humidity levels. | No viable alternative. | Improved facility condition for the traveling public. | \$60,600 2116-STF |

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FY 2020 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------------------|---|---|---|--|---|------------------------------|
| 2020 | University Region Williamston Garage South Central Prosperity Region 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. | Defer project and absorb risk of damage to structure and contents. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$66,700 2116-STF |
| 2020 | Southwest Region Paw Paw Garage Southwest Prosperity Region 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. | \$65,700 2116-STF |
| 2020 | Grand Region Grand Region Maintenance Crews West Michigan Prosperity Region 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. | \$61,200 2116-STF |

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FY 2020 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------|---|---|--|---|---|------------------------------|
| 2020 | Southwest Region Coloma Garage Southwest Prosperity Region County: Bremen | GAR-1 Garage | Paint interior. | Interior paint is falling. Paint has faded and is peeling. | 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. | \$67,600 2116-STF |
| 2020 | Metro Region Detroit Garage Detroit Metro Prosperity Region County: Wayne | GAR-1 Garage | Replace the existing metal halide lighting fixtures inside the garage with electronic fluorescent fixtures. | The existing lights are inefficient. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$39,000 2116-STF |
| 2020 | University Region Charlotte Garage South Central Prosperity Region 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. | Defer project and absorb risk of damage to structure and contents, including costly roof repairs. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$39,000 2116-STF |

MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2020 SPECIAL MAINTENANCE PROJECTS

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------|--|---|---|--|--|------------------------------|
| 2020 | University Region Mason Garage | GAR-1 Garage | Install efficient fluorescent lighting. | Existing garage lighting is inefficient metal halide. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$37,200 2116-STF |
| | South Central Prosperity Region County: Ingham | | | | | | | |
| 2020 | Metro Region Taylor TSC | 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. | Smooth transportation surface for improved operations and protection of environment. | \$112,500 2116-STF |
| | Detroit Metro Prosperity Region County: Wayne | | | | | | | |
| 2020 | Southwest Region Niles Garage | 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. | \$245,100 2116-STF |
| | Southwest Prosperity Region County: Cass | | | | | | | |

MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2020 SPECIAL MAINTENANCE PROJECTS

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--|-------------------------------|---|--|--|--|------------------------------|
| 2020 | Southwest Region Coloma Garage Southwest Prosperity Region County: Berrien | SSB-1 Salt/Sand Storage | Replace lighting system. | Lighting is not sufficient for operations and is not energy efficient. | Improved lighting and better energy efficiency. | Defer project and absorb high energy consumption and associated costs. | Improved operations and a reduction in energy consumption and associated costs. | \$72,900 2116-STF |
| 2020 | Grand Region Cadillac TSC Northwest Prosperity Region County: Wexford | TSC-1 Transportation Service Center | Remodel receptionist area. | Existing receptionist area is not adequate for office operations and servicing the public. | More efficient operation and improved customer service at this public entrance. | Deferment of project would result in continued inefficient operation and reduced customer service. | Improved customer service for the public enter the facility and reduced operational costs due to insufficient layout of office space. | \$71,100 2116-STF |
| 2020 | Bay Region Clare Welcome Center East Central Prosperity Region County: Clare | WCT-1 Welcome Center | Replace carpet. | Carpet in poor condition throughout brochure area. | Safe walking surface for the public and MDOT employees. | Hard surfaces, wood, and tile were considered but not selected due to potential of slip/fall incidents in wet weather conditions. | Mitigate risk of potential safety hazards for the public and MDOT employees. | \$19,600 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2020 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--|---|---|--|---|--|------------------------------|
| 2020 | Superior Region Newberry TSC Eastern UP Prosperity Region 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. | \$198,300 2116-STF |
| 2020 | Southwest Region Marshall TSC Southwest Prosperity Region County: Calhoun | TSC-1 Transportation Service Center | Replace carpet in original part of building. | Carpet is showing visible signs of wear. | Safe walking surface for the public and MDOT employees. | Defer project and absorb risk of potential safety hazard. | Mitigate safety risks and improve customer service. | \$30,600 2116-STF |
| 2020 | Superior Region St. Ignace Garage Eastern UP Prosperity Region 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. | \$600,400 2116-STF |

FY 2020 SPECIAL MAINTENANCE TOTAL \$5,770,600

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------------------|--|---|--|--|--|------------------------------|
| 2021 | Southwest Region Sawyer Garage Southwest Prosperity Region County: Benzie | SSB-1 Salt/Sand Storage | Convert salt dome to cold storage. | 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. | Constructing a new cold storage facility was considered but repurposing an existing facility is more cost conducive. | Cost savings are realized by protecting purchased assets, securing material and equipment, and affording the opportunity to order materials in bulk at reduced cost. | \$227,400 2116-STF |
| 2021 | Southwest Region Niles Garage Southwest Prosperity Region 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 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. | Constructing a new cold storage facility was considered but repurposing an existing facility is more cost conducive. | Cost savings are realized by protecting purchased assets, securing material and equipment, and affording the opportunity to order materials in bulk at reduced cost. | \$40,300 2116-STF |
| 2021 | Grand Region Grand Region Office West Michigan Prosperity Region County: Kent | REG-1 Region Office | Paint interior surfaces. | Paint is showing signs of deterioration, including peeling and chipping. | Protection and preservation of building structure and contents. | Absorb risk of not taking action and allow further deterioration. | Preventive maintenance investment will mitigate risk of structural and building content damage. | \$24,500 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--|--|--|---|--|---|------------------------------|
| 2021 | Southwest Region Sawyer Garage Southwest Prosperity Region 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 accept inefficient operations and potential environmental impact depending on volume and duration of vehicles moving/standing on unpaved surface. | Improved operations from a smooth transportation surface. | \$297,700 2116-STF |
| 2021 | Superior Region Newberry TSC Eastern UP Prosperity Region County: Luce | TSC-1 Transportation Service Center | Modify remaining office space, conference room, and storage room configurations and upgrade restrooms (a portion of the facility was remodeled in 2006). | Remaining areas of TSC need to be completed for improved operations and maximized utilization of existing space. | Improved office efficiency and effective use of office space. | No viable alternative. | Operational savings by maximizing the existing space to accommodate personnel, furnishings, and stored items. | \$483,700 2116-STF |
| 2021 | Southwest Region Kalamazoo Garage Southwest Prosperity Region 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. | Full rehab and replacement was considered. However, further investigation revealed existing pavement base can be salvaged if reconstructed before existing pavement condition deteriorates further. | Improved operations from a smooth transportation surface. | \$1,274,600 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|--|-----------------------------------|---|---|---|---|---|------------------------------|
| 2021 | Southwest Region Coldwater Training Facility Southwest Prosperity Region 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. | \$417,700 2116-STF |
| 2021 | Southwest Region Coloma Garage Southwest Prosperity Region 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. | Full rehab and replacement was considered. However, further investigation revealed existing pavement base can be salvaged if reconstructed before existing pavement condition deteriorates further. | Improved operations from a smooth transportation surface. | \$229,000 2116-STF |
| 2021 | Metro Region M-102 - US-24 Salt Storage Building Detroit Metro Prosperity Region 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. | \$69,100 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|--------------------------------|---|---|--|--|--|------------------------------|
| 2021 | Metro Region Metro Region Maintenance Crews Detroit Metro Prosperity Region County: Oakland | OFF-1 Office Building | Paint all exterior surfaces including masonry joint repointing, caulking/sealing, and patching masonry holes as needed. | The exterior surface is showing signs of wear. | 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 damage and protect building contents. | \$35,600 2116-STF |
| 2021 | Metro Region Port Huron Garage East Michigan Prosperity Region 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. | \$155,700 2116-STF |
| 2021 | Southwest Region Niles Garage Southwest Prosperity Region 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. | \$62,900 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|---------------------------|---|--|---|---|---|------------------------------|
| 2021 | Southwest Region Coloma TSC Southwest Prosperity Region 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. | Pavement resurfacing was considered. Further investigation of pavement found condition to be deteriorated beyond salvage. | Improved operations from a smooth transportation surface. | \$96,900 2116-STF |
| 2021 | Superior Region St. Ignace Garage Eastern UP Prosperity Region 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. | \$804,900 2116-STF |
| 2021 | Grand Region Reed City Garage West Central Prosperity Region 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. | \$520,500 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|-----------------------------------|--|---|---|--|--|------------------------------|
| 2021 | Southwest Region Kalamazoo Garage Southwest Prosperity Region 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. | \$520,500 2116-STF |
| 2021 | Southwest Region Niles Garage Southwest Prosperity Region 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. | \$219,800 2116-STF |
| 2021 | North Region Mackinaw City Welcome Center Northeast Prosperity Region 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. | \$101,000 2116-STF |

**MICHIGAN DEPARTMENT OF TRANSPORTATION
CAPITAL OUTLAY FIVE-YEAR PROGRAM
FY 2021 SPECIAL MAINTENANCE PROJECTS**

| FY | Bureau/Region Location | Building/ Facility | Brief Scope Work | Current Condition | Performance Outcome | Alternatives | Benefit to Taxpayer | Project Cost/ Fund Source |
|------|---|-----------------------|-------------------------------------|---|---|---|---|------------------------------|
| 2021 | Southwest Region Jones Garage Southwest Prosperity Region 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 ha | 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. Correct drainage will provide long-term protection of asset. | \$347,500 2116-STF |

FY 2021 SPECIAL MAINTENANCE TOTAL

\$5,949,300

Michigan Department of Transportation
Capital Outlay Five-Year Program (2017-2021)
Facility Assessment Overview

| Region Bureau-Div | Facility Name | Ownership | Assessment Year | Inspection Date | Major Capital |
|----------------------|---|---------------|--------------------|--------------------|------------------|
| Bay | Bay City TSC | Own | 2014 | 04/22/2014 | |
| Bay | Bay Region Maintenance Crews | Own | 2014 | 04/23/2014 | |
| Bay | Bay Region Office (Shared with Huron TSC) | Own | 2014 | 04/23/2014 | |
| Bay | Bay Region Office (Closed) | Own | 2011 | 04/14/2011 | |
| Bay | Clare Welcome Center | Own | 2015 | 06/15/2015 | |
| Bay | Davison TSC | Own | 2014 | 04/29/2014 | |
| Bay | Huron TSC (Shared with Bay Region Office) | Own | 2014 | 04/23/2014 | |
| Bay | Mt. Pleasant Garage (Shared with Mt. Pleasant TSC) | Own | 2014 | 04/21/2014 | |
| Bay | Mt. Pleasant TSC (Shared with Mt. Pleasant Garage) | Own | 2014 | 04/21/2014 | |
| Bay | Saginaw East Garage | Own | 2014 | 04/28/2014 | |
| Bay | Saginaw West Garage | Own | 2014 | 04/29/2014 | |
| Bay | Zilwaukee Bridge Maintenance Facility | Own | 2014 | 04/22/2014 | |
| Grand | Cadillac TSC | Own | 2014 | 05/20/2014 | |
| Grand | Fennville Garage | Own | 2015 | 03/30/2015 | |
| Grand | Grand Rapids Garage | Own | 2014 | 05/05/2014 | |
| Grand | Grand Rapids TSC | Lease-Private | N/A | N/A | 2019 |
| Grand | Grand Region Maintenance Crews | Own | 2014 | 05/06/2014 | |
| Grand | Grand Region Office | Own | 2014 | 05/05/2014 | 2021 |
| Grand | Hastings Garage | Own | 2015 | 06/04/2015 | 2021 |
| Grand | Howard City TSC (Closed) | Own | 2011 | 04/11/2011 | |
| Grand | Marion Garage | Own | 2014 | 05/21/2014 | |
| Grand | Muskegon TSC | Own | 2014 | 05/06/2014 | 2018 |
| Grand | Plainwell Garage | Own | 2015 | 06/04/2015 | |
| Grand | Reed City Garage | Own | 2014 | 05/21/2014 | |
| Lansing | Aeronautics Administration and Operations (Shared with Lansing TSC) | Own | 2014 | 03/31/2014 | |
| Lansing | Construction Field Services | Lease-DTMB | N/A | N/A | |
| Lansing | Fleet Administration & Operations | Own | 2014 | 03/31/2014 | |
| Lansing | Nixon Warehouse | Own | 2014 | 04/01/2014 | |
| Lansing | Operations Field Services | Own | 2014 | 04/01/2014 | |
| 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 | 2019 |
| 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 TSC | Lease-Private | N/A | N/A | 2021 |
| Metro | Metro Region Maintenance Crews | Own | 2013 | 05/07/2013 | |
| 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 | Own | 2015 | 05/20/2015 | |
| Metro | Taylor TSC | Own | 2013 | 05/13/2013 | |
| North | Alpena TSC | Lease-Private | N/A | N/A | |

Michigan Department of Transportation
Capital Outlay Five-Year Program (2017-2021)
Facility Assessment Overview

| Region Bureau-Div | Facility Name | Ownership | Assessment Year | Inspection Date | Major Capital |
|----------------------|--|---------------|--------------------|--------------------|-----------------------|
| North | Atlanta Garage | Own | 2014 | 05/14/2014 | |
| North | Gaylord TSC (Shared facility with North Region Office) | Own | 2014 | 05/14/2014 | |
| North | Hillman Testing Lab | Own | 2014 | 05/15/2014 | |
| North | Kalkaska Garage | Own | 2014 | 05/07/2014 | |
| North | Mackinaw City Welcome Center | Own | 2015 | 06/01/2015 | |
| North | Mio Garage | Own | 2014 | 05/19/2014 | |
| North | North Region Maintenance Crews | Own | 2014 | 05/20/2014 | |
| North | North Region Office (Shared facility with Gaylord TSC) | Own | 2014 | 05/14/2014 | |
| North | Traverse City TSC | Lease-Private | N/A | N/A | 2021 |
| Pass Trans | Benton Harbor Bus Terminal | Own | 2015 | 04/01/2015 | |
| Pass Trans | Detroit Bus Terminal | Own | 2015 | 05/12/2015 | |
| Pass Trans | Mio OCATS (Oscoda County Area Transp Specialist) | Own | 2015 | 06/15/2015 | |
| Pass Trans | New Center Rail Terminal (Property is MDOT-owned; building is not MDOT-owned.) | Own | 2015 | 05/12/2015 | |
| Pass Trans | Pontiac Bus/Rail Terminal | Own | 2015 | 05/18/2015 | |
| Pass Trans | Southfield Bus Terminal | Own | 2015 | 05/18/2015 | |
| Southwest | Coldwater Training Facility | Own | 2015 | 05/04/2015 | |
| Southwest | Coldwater Welcome Center | Own | 2015 | 05/04/2015 | |
| Southwest | Coloma Garage | Own | 2015 | 04/03/2015 | 2019 |
| Southwest | Coloma Business Office | Own | 2015 | 04/01/2015 | |
| Southwest | Jones Garage | Own | 2015 | 04/29/2015 | 2019 |
| Southwest | Kalamazoo Garage | Own | 2015 | 04/15/2015 | |
| Southwest | Kalamazoo TSC | Own | 2015 | 04/15/2015 | |
| Southwest | Marshall Garage | Own | 2015 | 05/06/2015 | |
| Southwest | Marshall TSC | Own | 2015 | 05/06/2015 | |
| Southwest | New Buffalo Welcome Center | Own | 2015 | 04/08/2015 | |
| Southwest | Niles Garage | Own | 2015 | 04/29/2015 | |
| Southwest | Paw Paw Garage | Own | 2015 | 04/27/2015 | |
| Southwest | Sawyer Garage | Own | 2015 | 04/08/2015 | 2019, 2021 |
| Southwest | South Haven Garage | Own | 2015 | 04/06/2015 | 2019 (2), 2020 (2) |
| Southwest | Southwest Region Maintenance Crews | Own | 2015 | 04/22/2015 | |
| Southwest | Southwest Region Office | Own | 2015 | 04/22/2015 | |
| Superior | Covington Storage | Own | 2015 | 04/28/2015 | |
| Superior | Crystal Falls TSC | Own | 2015 | 04/28/2015 | |
| Superior | Engadine Garage | Own | 2015 | 06/02/2015 | |
| Superior | Gladstone Sign & Signal Shop | Own | 2015 | 04/27/2015 | |
| Superior | Houghton Garage | Own | 2015 | 04/29/2015 | |
| Superior | Iron Mountain Welcome Center | Lease-Private | N/A | N/A | |
| Superior | Ironwood Welcome Center | Own | 2015 | 04/29/2015 | 2021 |
| Superior | Ishpeming TSC | Own | 2015 | 04/30/2015 | |
| Superior | L'Anse Garage | Own | 2015 | 04/29/2015 | |
| Superior | Marquette Welcome Center | Own | 2015 | 04/30/2015 | |
| Superior | Menominee Welcome Center | Own | 2015 | 04/28/2015 | |
| Superior | Newberry TSC | Own | 2015 | 06/02/2015 | |
| Superior | St. Ignace Garage | Own | 2015 | 06/03/2015 | 2021 |
| Superior | St. Ignace Welcome Center | Own | 2015 | 06/03/2015 | 2021 |
| Superior | Sault Ste. Marie Welcome Center | Own | 2015 | 06/01/2015 | 2021 |

Michigan Department of Transportation
Capital Outlay Five-Year Program (2017-2021)
Facility Assessment Overview

| Region Bureau-Div | Facility Name | Ownership | Assessment Year | Inspection Date | Major Capital |
|----------------------|---------------------------------------|---------------|--------------------|--------------------|------------------|
| Superior | Superior Region Office | Own | 2015 | 04/27/2015 | |
| 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 | 2020 |
| University | Dundee Welcome Center | Own | 2014 | 04/15/2014 | 2020 |
| University | Grand Ledge Garage | Own | 2013 | 04/04/2013 | 2019, 2020 |
| University | Jackson Testing Lab | Own | 2013 | 04/09/2013 | |
| University | Jackson TSC | Own | 2013 | 04/09/2013 | |
| University | Lansing TSC (Shared with Aeronautics) | Own | N/A | N/A | 2019 |
| University | Mason Garage | Own | 2013 | 04/11/2013 | |
| University | Monroe Welcome Center | Own | 2015 | 06/09/2015 | |
| 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.

2015 FACILITY ASSESSMENT

Covington Storage

| | |
|------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Superior Region | Own |
| Prosperity Region | |
| Western UP Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Bedard, John |

| | | | | | | |
|---------------------------------------|--------------------|-----------------|---------------|--------------------------|------------------|----------------------------------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 13262 School Road, Covington MI 49919 | | Baraga | | | 2.00 | 04/28/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Equipment Storage | | | | 0 SQ FT | Fully Utilized | 04/05/2010 |
| SITE ASSESSMENT | | <u>ADEQUACY</u> | <u>RATING</u> | <u>TYPE</u> | <u>VENDOR</u> | <u>ADEQUACY</u> |
| SITE CAPACITY FOR DEVELOPMENT | Inadequate | SIDEWALKS | 0 | ELECTRICAL UTILITY | Electrical | WE Energies (Wisconsin Electric) |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | 2 | GAS UTILITY (if present) | None | |
| | | SECURITY | 0 | WATER UTILITY | None | |
| | | LIGHTING | 3 | SEWAGE UTILITY | None | |
| | | IRRIG SYS | 0 | | | |
| | <u>RATING</u> | | | | | |
| 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 |
| SSB-1 | Salt/Sand Storage | Salt/Sand Storage | 8,064 | 1995 | \$733,824 | Concrete | Concrete | Wood |
| CSB-1 | Cold Storage | Cold Storage | 2,250 | 1965 | \$204,750 | Steel | Metal | Metal |
| TOTAL COMPLEX SQ FT | | | 10,314 | | | | | |

| 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 | Adequate | 2 | 3 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 4 | 0 | 3 | 3 | 0 | |
| CSB-1 | Adequate | Adequate | 3 | 2 | 3 | 0 | 3 | 3 | 4 | 4 | 2 | 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)

SPECIAL MAINTENANCE
Superior Region - Crystal Falls TSC

| <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 | Tuck point and paint exterior of the building. | Exterior paint is beginning to deteriorate. | \$15,300 |
| Special Maintenance Total: | | | | \$15,300 |

Assessment Rating:

TSC101 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)

2015 FACILITY ASSESSMENT Engadine Garage

| | |
|------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Superior Region | Own |
| Prosperity Region | |
| Eastern UP Prosperity Region | |
| DAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Bedard, John |

| | | | | | |
|--------------------------------|--------------------|----------------|---------------------|------------------|-----------------------|
| 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 | 06/02/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | | 3,726 SQ FT | Fully Utilized | 01/21/2010 |

| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY | |
|-------------------------------|----------|-----------|--------|--------------------------|-------------|--------------------|----------|
| SITE CAPACITY FOR DEVELOPMENT | Adequate | SIDEWALKS | 3 | ELECTRICAL UTILITY | Electrical | Cleveland Electric | Adequate |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | 4 | GAS UTILITY (if present) | Natural Gas | SEMCO | Adequate |
| | | SECURITY | 0 | WATER UTILITY | Well | | Adequate |
| | | LIGHTING | 4 | SEWAGE UTILITY | Septic | | Adequate |
| PARKING/PAVING | 4 | IRRIG SYS | 0 | | | | |
| 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 | \$720,000 | Steel | Block masonry. | Metal |
| GAR-2 | Garage | Garage | 16,533 | 1970 | \$3,719,925 | 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 (w) | Electrical | Lighting | Fire Protection |
|---------------------|---------------|----------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|--------------|------------|----------|-----------------|
| BLDG CODE | 5 YR ADEQUACY | ADA COMPLIANCE | | | | | | | | | | | | | | |
| GAR-1 | Adequate | Adequate | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 2 | 0 |
| GAR-2 | Adequate | Adequate | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 3 | 2 | 0 |
| SSB-1 | Adequate | Adequate | 3 | 1 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 4 | 0 | 3 | 3 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 0 | 2 | 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)

SPECIAL MAINTENANCE

Superior Region - Engadine Garage

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|--|----------------------|
| 2018 | GAR-2 | Replace in-ground floor hoist. | Hoist requires frequent repairs and is not suited for lifting tandem trucks. | \$175,700 |
| 2018 | 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. | \$175,500 |
| 2019 | SSB-1 | Construct 70' x 25' x 20' lean-to over bulk material storage bins on east side of salt/sand storage building. | This facility has inadequate covered storage to store equipment and materials. | \$165,000 |
| 2019 | GAR-2 | Install generator for backup power supply. | No alternatives during emergency situations. | \$45,200 |
| Special Maintenance Total: | | | | \$557,400 |

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)

2015 FACILITY ASSESSMENT

Gladstone Sign & Signal Shop

| | |
|------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Superior Region | Own |
| Prosperity Region | |
| Central UP Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Bedard, John |

| | | | | | | | |
|-------------------------------------|-------------------------------------|-----------------|---------------------|--------------------------|-----------------------|------------------------|----------|
| 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 | 04/27/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | | |
| Sign/Signal Operations | Materials Testing/Survey Operations | | 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 | 0 | WATER UTILITY | Municipal | Gladstone, City of | Adequate |
| | | LIGHTING | 2 | SEWAGE UTILITY | Municipal | Gladstone, City of | Adequate |
| | | IRRIG SYS | 0 | | | | |
| 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 | | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|---------------|------------|----------|-----------------|---|
| BLDG CODE | 5 YR ADEQUACY | ADA COMPLIANCE | Structural | Exterior | Interior | Windows | Insulation | Roof | Overhead/ Sliding Doors | Service Doors | HVAC | Engine Exhaust | Ventilation | Plumbing (in) | Electrical | Lighting | Fire Protection | |
| | | | | | | | | | | | | | | | | | | |
| TST-1 | Adequate | Adequate | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 0 |
| SGN-1 | Adequate | Adequate | 3 | 3 | 2 | 3 | 3 | 4 | 2 | 2 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 0 |
| SMS-1 | Adequate | Adequate | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 4 | 3 | 0 | 2 | 3 | 3 | 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)

2015 FACILITY ASSESSMENT

Houghton Garage

| | |
|------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Superior Region | Own |
| Prosperity Region | |
| Western UP Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Bedard, John |

| | | | | | |
|--|--------------------|----------------|---------------------|------------------|-----------------------|
| 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 | 04/29/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | | 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 | 0 | | | | |
| 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 | \$4,275,000 | Masonry and steel. | Metal and masonry. | Single ply membrane |
| SSB-1 | Salt/Sand Storage | Salt/Sand Storage | 23,328 | 2004 | \$2,122,848 | Concrete and wood. | Concrete and wood. | Asphalt shingles. |
| TOTAL COMPLEX SQ FT | | | 42,328 | | | | | |

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

SPECIAL MAINTENANCE Superior Region - Houghton Garage

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|--|--|-----------------|
| 2018 | 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. | \$97,700 |
| Special Maintenance Total: | | | | \$97,700 |

2015 FACILITY ASSESSMENT

Ishpeming TSC

| | |
|------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Superior Region | Own |
| Prosperity Region | |
| Central UP Prosperity Region | |
| QAS ENGINEER | REGION CONTACT |
| Shattuck, Nick | Bedard, John |

| | | | | | | | |
|---|--------------------|-----------------|---------------------|--------------------------|-----------------------|---------------------------------------|----------|
| 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 | 04/30/2015 | | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | | |
| Transportation Service Center | | | 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 | 0 | | | | |

| BUILDINGS | | | | | | | | |
|----------------------------|-------------------------------|-------------------------------|--------------------|----------------|-----------------------------|-----------|-------------------|------------------|
| BLDG CCOE | 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 | \$1,502,565 | 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 | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| | 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 | 3 | 0 | 2 | 2 | 2 | 2 | 2 |
| TST-1 | Adequate | Adequate | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 3 | 0 | 0 | 0 | 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)

SPECIAL MAINTENANCE
Superior Region - L'Anse Garage

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|---|----------------------|
| 2017 | GAR-1 | Replace windows and twelve (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. | \$27,800 |
| 2019 | 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. | \$54,800 |
| 2019 | STE-1 | Cold mill and replace pavement. | Existing pavement has deteriorated to poor conditions showing signs of large cracks. | \$92,900 |
| Special Maintenance Total: | | | | \$175,500 |

2015 FACILITY ASSESSMENT

Newberry TSC

| | |
|------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Superior Region | OWN |
| Prosperity Region | |
| Eastern UP Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Bedard, John |

| | | | | | |
|-------------------------------|--------------------|----------------|---------------------|------------------|-----------------------|
| 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 | 06/02/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Transportation Service Center | | | 5,240 SQ FT | Fully Utilized | 06/08/2010 |

| 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) | Natural Gas | SEMCO | Adequate |
| | RATING | | SECURITY | 2 | WATER UTILITY | Municipal | Perthland Township | Adequate |
| PARKING/PAVING | 4 | | LIGHTING | 3 | SEWAGE UTILITY | Municipal | Perthland Township | Adequate |
| 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 |
| TSC-1 | Transportation Service Center | Transportation Service Center | 11,250 | 1972 | \$2,756,250 | Wood and Masonry | Masonry and EIFS. | Membrane. |
| CSB-1 | Cold Storage | Cold Storage | 768 | 2011 | \$69,888 | Wood | Vinyl | Wood and metal. |
| TOTAL COMPLEX SQ FT | | | 12,018 | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| | 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 | Adequate | 1 | 1 | 2 | 2 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 3 | 0 |

SPECIAL MAINTENANCE
Superior Region - Newberry TSC

| <u>Appln Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|---|----------------------|
| 2020 | 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. | \$158,300 |
| 2021 | TSC-1 | Modify remaining office space, conference room, and storage room configurations and upgrade restrooms (a portion of the facility was remodeled in 2006). | Remaining areas of TSC need to be completed for improved operations and maximized utilization of existing space. | \$483,700 |
| Special Maintenance Total: | | | | \$642,000 |

2015 FACILITY ASSESSMENT

St. Ignace Garage

| | |
|------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Superior Region | Own |
| Prosperity Region | |
| Eastern UP Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Bedard, John |

| | | | | | | |
|------------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|------------------------------|
| 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 | 06/03/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADM/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | | | 3,100 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 4 | GAS UTILITY (if present) | Natural Gas | SEMCO Adequate |
| | | | SECURITY 0 | WATER UTILITY | Municipal | St Ignace, City of Adequate |
| | | | LIGHTING 4 | SEWAGE UTILITY | Municipal | St Ignace, City of Adequate |
| | | | IRRIG SYS 0 | | | |
| 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 | 13,925 | 1950 | \$3,133,125 | Steel | EIFS, metal, and vinyl | Metal |
| GAR-2 | Garage | Garage | 7,200 | 1950 | \$1,620,000 | Steel | EIFS and metal | Metal with ThermoTec 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 | | 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 | 2 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 0 |
| GAR-2 | Adequate | Adequate | 3 | 4 | 3 | 3 | 2 | 1 | 3 | 3 | 3 | 0 | 2 | 3 | 3 | 0 |
| HSB-1 | Adequate | Adequate | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 4 | 2 | 0 | 3 | 3 | 2 | 0 |
| SSB-1 | Inadequate | Adequate | 0 | 4 | 4 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 4 | 4 | 0 |
| SSB-2 | Adequate | Adequate | 3 | 5 | 3 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |
| CSB-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 3 | 4 | 3 | 0 | 0 | 3 | 3 | 3 | 0 |

SPECIAL MAINTENANCE

Superior Region - St. Ignace Garage

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|--|----------------------|
| 2017 | SSB-2 | Paint exterior T1-11 siding and fascia boards. | Paint is chipping, fading, and peeling. | \$19,100 |
| 2019 | 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. | \$326,500 |
| 2020 | 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. | \$600,400 |
| 2021 | CSB-4 | Demolish old 1950 salt/sand storage facility. Design and construct 4,500 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. | \$804,900 |
| Special Maintenance Total: | | | | \$1,751,200 |

2015 FACILITY ASSESSMENT

Superior Region Office

| | |
|------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Superior Region | Own |
| Prosperity Region | |
| Central UP Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Bedard, John |

| | | | | | | | |
|--|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|----------|
| 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 | 04/27/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Region Administration | | | | 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 0 | 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 |
| | | | 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 | |
| REG-1 | Region Office | Region Office | 11,300 | 1999 | \$2,542,500 | Wood | Masonry | Asphalt 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 (m) | Electrical | Lighting | Fire Protection |
| | | | | | | | | | | | | | | | | | |

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)

2014 FACILITY ASSESSMENT

Atlanta Garage

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| North Region | Own |
| Prosperity Region | |
| Northeast Prosperity Region | |
| GAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wahl, Bill |

| | | | | | | | |
|------------------------------------|--------------------|-----------------|---------------------|--------------------------|-----------------------|-----------------------------|----------|
| 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 | 05/14/2014 | | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | | |
| Garage | | | 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 | 2 | GAS UTILITY (if present) | Natural Gas | Presque Isle Electric & Gas | Adequate |
| | RATING | SECURITY | 0 | WATER UTILITY | Well | | Adequate |
| PARKING/PAVING | 2 | LIGHTING | 3 | SEWAGE UTILITY | Septic | | Adequate |
| DRAINAGE | 2 | IRRIG SYS | 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 | Garage | 24,780 | 1968 | \$5,575,500 | 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 | Silt/Sand Storage | Cold Storage | 4,200 | 1968 | \$382,200 | Wood plank. | Metal. | Metal. |
| SSB-2 | Silt/Sand Storage | Silt/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 | | | 63,480 | | | | | |

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

| | 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 | 2 | 2 | 2 | 2 | 3 | 3 | 0 |
| HSB-1 | Adequate | Adequate | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 0 | 0 | 0 | 3 | 3 | 0 |
| HSB-2 | Adequate | Adequate | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 3 | 2 | 0 | 2 | 0 | 3 | 2 | 0 |
| SSB-1 | Adequate | Adequate | 3 | 2 | 3 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSB-2 | Adequate | Adequate | 2 | 3 | 3 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 2 | 2 | 3 | 2 | 0 |
| WSH-1 | Adequate | Adequate | 3 | 2 | 3 | 0 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 |
| CSB-2 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 3 | 0 | 3 | 0 | 3 | 2 | 0 |

SPECIAL MAINTENANCE

North Region - Atlanta Garage

| Appt Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|--------------------------------|--|-----------------|
| 2017 | GAR-1 | Tuck point and paint exterior. | The exterior surface is showing signs of significant wear. | \$82,900 |
| Special Maintenance Total: | | | | \$82,900 |

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

2014 FACILITY ASSESSMENT Gaylord TSC

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| North Region | Own |
| Prosperity Region | |
| Northeast Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wahl, Bill |

| | | | | | | |
|----------------------------------|--------------------|-----------------|--------------------------|---------------------|------------------|-----------------------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 1088 M-32 East, Gaylord MI 49735 | | Ossego | (989) 731-5090 | (989) 732-3637 | 0.00 | 05/14/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Transportation Service Center | | | | 4,487 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 | ELECTRICAL UTILITY | Electrical | | |
| SITE REGULATORY COMPLIANCE | | FENCING | GAS UTILITY (if present) | N/A | | |
| <u>RATING</u> | | SECURITY | WATER UTILITY | N/A | | |
| PARKING/PAVING | | LIGHTING | SEWAGE UTILITY | N/A | | |
| DRAINAGE | | IRRIG SYS | | | | |

| BUILDINGS | | | | | | | | |
|---------------------|---------------------|-------------|--------------------|----------------|-----------------------------|-----------|-----------------|-----------|
| BLDG CODE | CONSTRUCTED PURPOSE | CURRENT USE | TOTAL SIZE (SQ FT) | OCCUPANCY YEAR | ESTIMATED REPLACEMENT VALUE | STRUCTURE | EXTERIOR FINISH | ROOF TYPE |
| | | | | | 80 | | | |
| TOTAL COMPLEX SQ FT | | | | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | |
|---------------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| 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 |
| | | | | | | | | | | | | | | | | |

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)

2014 FACILITY ASSESSMENT

Hillman Testing Lab

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| North Region | Own |
| Prosperity Region | |
| Northeast Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wahl, Bill |

| | | | | | | |
|--|--------------------|-----------------|----------------|--------------------------------------|-----------------------------|-----------------------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 410 North State Street, Hillman MI 49746 | | Montmorency | (989) 742-4223 | (989) 742-2310 | 2.00 | 05/15/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Materials Testing | | | | 6,750 SQ FT | Fully Utilized | 07/13/2010 |
| 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 | Alpena Power | Adequate |
| SITE REGULATORY COMPLIANCE | | Adequate | FENCING 3 | GAS UTILITY (if present) Natural Gas | Presque Isle Electric & Gas | Adequate |
| | | | SECURITY 0 | WATER UTILITY Municipal | Hillman, Village of | Adequate |
| | | | LIGHTING 2 | SEWAGE UTILITY Municipal | Hillman, Village of | Adequate |
| | | | IRRIG SYS 0 | | | |
| | | | | | | |
| 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 | Testing Lab | 7,748 | 1935 | \$1,743,300 | Concrete and masonry | Brick and vinyl | Flat membrane |
| CSB-1 | Cold Storage | Cold Storage | 3,200 | 1959 | \$291,200 | Steel | Steel | Steel |
| TOTAL COMPLEX SQ FT | | | 10,948 | | | | | |

| 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 | Adequate | 2 | 2 | 2 | 0 | 2 | 2 | 3 | 3 | 0 | 0 | 0 | 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)

SPECIAL MAINTENANCE
North Region - Kalkaska Garage

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|---|----------------------|
| 2019 | SSB-2 | Construct/extend lean-to along north side of the building. | Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life. | \$67,200 |
| Special Maintenance Total: | | | | \$67,200 |

2014 FACILITY ASSESSMENT

Mio Garage

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| North Region | Own |
| Prosperity Region | |
| Northeast Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wahl, Bill |

| | | | | | | | |
|-------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 1161 M-72, Mio MI 48647 | | Oscoda | (989) 826-3663 | | 35.00 | 05/19/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Garage | | | | 1,800 SQ FT | Fully Utilized | 07/13/2010 | |
| 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 2 | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | Adequate |
| | | | SECURITY 0 | WATER UTILITY | Well | | Adequate |
| | | | LIGHTING 2 | SEWAGE UTILITY | Septic | | Adequate |
| | | | IRRIG SYS 0 | | | | |
| PARKING/PAVING | | | RATING 3 | | | | |
| DRAINAGE | | | RATING 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 | 16,193 | 2008 | \$3,643,425 | Steel and CMU | CMU, vinyl and steel | Steel with shingles |
| SSB-1 | Salt/Sand Storage | Salt/Sand Storage | 14,260 | 2003 | \$1,297,660 | Concrete and wood | Concrete and wood (painted) | Shingle |
| TOTAL COMPLEX SQ FT | | | 30,453 | | | | | |

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

SPECIAL MAINTENANCE North Region - Mio Garage

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|---|--|-----------------|
| 2017 | SSB-2 | Paint building exterior including lean-to | The exterior surface is showing signs of significant wear. | \$31,100 |
| Special Maintenance Total: | | | | \$31,100 |

2014 FACILITY ASSESSMENT

North Region Maintenance Crews

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| North Region | Own |
| Prosperity Region | |
| Northwest Prosperity Region | |
| CAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wahl, Bill |

| | | | | | | | |
|-------------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|----------|
| 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 | 05/20/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Maintenance Crews | | | 0 | 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 0 | | | | |
| PARKING/PAVING | | 2 | | | | | |
| DRAINAGE | | 3 | | | | | |

| BUILDINGS | | | | | | | | |
|----------------------------|---------------------|-------------------|--------------------|----------------|-----------------------------|----------------------------|-----------------|-----------|
| BLDG CODE | CONSTRUCTED PURPOSE | CURRENT USE | TOTAL SIZE (SQ FT) | OCCUPANCY YEAR | ESTIMATED REPLACEMENT VALUE | STRUCTURE | EXTERIOR FINISH | ROOF TYPE |
| PRJ-1 | Project Office | Heated Storage | 2,340 | 1988 | \$526,500 | Wood | Vinyl | Shingle |
| SPC-1 | Maintenance Crews | Maintenance Crews | 26,400 | 1989 | \$4,620,000 | Concrete and Masonry (CMU) | Steel (painted) | Steel |
| CSB-1 | Cold Storage | Cold Storage | 8,400 | 2001 | \$764,400 | Rigid frame steel | Metal siding | Steel |
| TOTAL COMPLEX SQ FT | | | 37,140 | | | | | |

| 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 (in) | Electrical | Lighting | Fire Protection |
| | | | | | | | | | | | | | | | | | |
| SPC-1 | Adequate | Inadequate | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 |
| CSB-1 | Adequate | Adequate | 2 | 3 | 3 | 0 | 2 | 2 | 3 | 3 | 0 | 0 | 2 | 0 | 2 | 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)

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

2014 FACILITY ASSESSMENT

North Region Office/ Gaylord TSC

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| North Region | Own |
| Prosperity Region | |
| Northeast Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wahl, Bill |

| | | | | | | | |
|----------------------------------|-------------------------------|-----------------|----------------|--------------------------|------------------|------------------------|----------|
| 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 | 05/14/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Region Administration | Transportation Service Center | | | 14,954 SQ FT | Fully Utilized | 11/19/2009 | |
| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY | |
| SITE CAPACITY FOR DEVELOPMENT | | Adequate | SIDEWALKS 4 | ELECTRICAL UTILITY | Electrical | Great Lakes Energy | Adequate |
| SITE REGULATORY COMPLIANCE | | Adequate | FENCING 0 | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | Adequate |
| | | | SECURITY 2 | WATER UTILITY | Well | | Adequate |
| | | | LIGHTING 2 | SEWAGE UTILITY | Septic | | Adequate |
| PARKING/PAVING 3 | | | IRRIG SYS 3 | | | | |
| 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/TSC | 14,954 | 2006 | \$3,364,650 | Wood | Brick | Shingle | |
| CSB-1 | Cold Storage | Cold Storage | 768 | 2009 | \$69,888 | Wood | Brick, Siding | Shingle | |
| TOTAL COMPLEX SQ FT | | | 15,722 | | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | | |
|---------------------|----------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| | | 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 | 4 | 3 | 2 | 2 | 2 | 2 | 0 | 2 | 3 | 0 | 2 | 2 | 2 | 2 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |

SPECIAL MAINTENANCE

North Region - North Region Office/ Gaylord TSC

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|----------------------------|--|-----------------|
| 2017 | REG-1 | Paint exterior of building | The exterior surface is showing signs of significant wear. | \$35,700 |
| Special Maintenance Total: | | | | \$35,700 |

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)

2014/2015 FACILITY ASSESSMENT

Cadillac TSC

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Own |
| Prosperity Region | |
| Northwest Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wahl, Bill |

| | | | | | |
|-------------------------------------|--------------------|----------------|---------------------|------------------|-----------------------|
| 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 | 05/20/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Transportation Service Center | | | 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 | 2 | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | Adequate |
| | | SECURITY | 3 | WATER UTILITY | Well | | Adequate |
| | | LIGHTING | 3 | 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 | | Structural | Exterior | Interior | Windows | Insulation | Roof | Overhead/ Sliding Doors | Service Doors | HVAC | Engine Exhaust | Ventilation | Plumbing (Int) | Electrical | Lighting | Fire Protection |
|---------------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| 5 YR ADEQUACY | ADA COMPLIANCE | | | | | | | | | | | | | | | |
| TSC-1 | Adequate | Inadequate | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 3 | 2 | 2 |
| TST-1 | Adequate | Adequate | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 0 |

SPECIAL MAINTENANCE Grand Region - Cadillac TSC

| Appln Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|----------------------------|--|-----------------|
| 2020 | TSC-1 | Remodel receptionist area. | Existing receptionist area is not adequate for office operations and servicing the public. | \$71,100 |
| Special Maintenance Total: | | | | \$71,100 |

2014/2015 FACILITY ASSESSMENT

Fennville Garage

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Own |
| Prosperity Region | |
| West Michigan Prosperity Region | |
| CAS ENGINEER | REGION CONTACT |
| Woodruff, Val | Latham, Jason |

| | | | | | |
|------------------------------------|--------------------|----------------|---------------------|------------------|-----------------------|
| ADDRESS | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 5252 East M-89, Fennville MI 49408 | Allegan | (269) 561-6701 | (269) 561-5489 | 3.00 | 03/30/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | | 8,516 SQ FT | Fully Utilized | 01/12/2010 |

| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | | VENDOR | ADEQUACY |
|-------------------------------|--|------------|--------|--------------------------|-------------|------------------------|------------|
| SITE CAPACITY FOR DEVELOPMENT | | Adequate | | ELECTRICAL UTILITY | Electrical | Consumers Energy | Adequate |
| SITE REGULATORY COMPLIANCE | | Inadequate | | GAS UTILITY (if present) | Natural Gas | Michigan Gas Utilities | Adequate |
| | | | | WATER UTILITY | Well | | Adequate |
| | | | | SEWAGE UTILITY | Septic | | Inadequate |
| | | | | SIDEWALKS | | | |
| | | | | FENCING | | | |
| | | | | SECURITY | | | |
| | | | | LIGHTING | | | |
| | | | | IRRIG SYS | | | |
| 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 | 14,747 | 1966 | \$3,318,075 | Rigid steel frame | Masonry and metal panels | Metal roof panels |
| HSB-1 | Heated Storage | Heated Storage | 4,800 | 1968 | \$436,800 | Rigid steel frame | Prefinished insulated metal panels | Prefinished metal panels |
| HSB-2 | Heated Storage | Heated Storage | 12,443 | 2013 | \$1,132,313 | Steel | Steel | Metal panel |
| SSB-2 | Salt/Sand Storage | Salt/Sand Storage | 7,854 | 1982 | \$714,714 | Concrete and wood | Concrete and Shingle | Shingle (new) |
| SSB-3 | Salt/Sand Storage | Salt/Sand Storage | 14,400 | 2013 | \$1,310,400 | Concrete and wood | Wood | Shingled |
| CMA-1 | CMA Storage and Containment | CMA Storage and Containment | 629 | 0 | \$57,239 | Concrete (lower) and Metal arch truss frame | Concrete (lower) | Fabric |
| TOTAL COMPLEX SQ FT | | | 54,873 | | | | | |

| 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 | Inadequate | Inadequate | 5 | 2 | 3 | 3 | 4 | 2 | 2 | 2 | 3 | 5 | 2 | 3 | 3 | 0 |
| HSB-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 3 | 1 | 2 | 2 | 0 | 5 | 0 | 3 | 1 | 0 |
| HSB-2 | Adequate | Adequate | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 0 |
| SSB-2 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 3 | 5 | 0 |
| SSB-3 | Adequate | Adequate | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |

SPECIAL MAINTENANCE
Grand Region - Fennville Garage

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|--|----------------------|
| 2017 | 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. | \$89,500 |
| 2018 | 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. | \$90,300 |
| Special Maintenance Total: | | | | \$179,800 |

2014/2015 FACILITY ASSESSMENT

Grand Rapids Garage

| | |
|---------------------------------|-----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Own |
| Prosperity Region | |
| West Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wanamaker, Rick |

| | | | | | |
|---|--------------------|----------------|---------------------|------------------|-----------------------|
| 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 | 05/05/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | 760 | SQ FT | Fully Utilized | 06/29/2010 |

| 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 | 2 | GAS UTILITY (if present) | Natural Gas | DTE (Includes MichCon) | Adequate |
| | | SECURITY | 0 | WATER UTILITY | Municipal | Grand Rapids, City of | Adequate |
| | | LIGHTING | 4 | SEWAGE UTILITY | Municipal | Grand Rapids, City of | Adequate |
| | | IRRIG SYS | 0 | | | | |
| 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 | |
|---------------------|---------------------|-------------|--------------------|----------------|-----------------------------|-----------|---|-----------------------------|--|
| GAR-1 | Garage | Garage | 10,550 | 1965 | \$2,373,750 | CMU block | Painted block, and brick. EIFS on office area. | Flat with membrane coating. | |
| TOTAL COMPLEX SQ FT | | | 10,550 | | | | | | |

| BUILDING ASSESSMENT | | 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 | 2 | 3 | 3 | 2 | 3 | 2 | 4 | 3 | 2 | 3 | 2 | 2 | 2 | 0 |

SPECIAL MAINTENANCE Grand Region - Grand Rapids Garage

| Appl Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|---|--------------------------------------|-----------------|
| 2017 | GAR-1 | Tuck point and paint building exterior. | Exterior paint is in poor condition. | \$37,900 |
| Special Maintenance Total: | | | | \$37,900 |

2014/2015 FACILITY ASSESSMENT

Grand Rapids TSC

Leased Facility - Not Assessed

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Lease-Private |
| Prosperity Region | |
| West Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |

| | | | | | | |
|---|--------------------|----------------------------|-------------------------------------|------------------------------------|-----------------------|-----------------|
| ADDRESS 2660 Leonard Street, NE, Grand Rapids MI 49525 | COUNTY Kent | PHONE NO (616) 464-1800 | FAX NO. (616) 464-1189 | SITE ACREAGE | INSPECTION DATE | |
| FACILITY FUNCTION Transportation Service Center | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA 13,821 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 | |
| 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 |
| TSC-1 | Transportation Service Center | Transportation Service Center | 13,821 | 1969 | \$3,386,145 | | | |
| TOTAL COMPLEX SQ FT | | | 13,821 | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | | |
|---------------------|--|----------------|--|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| 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 |
| | | | | | | | | | | | | | | | | | | |

MAJOR CAPITAL

Grand Region-Grand Rapids TSC

Major Capital

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|---|---|---|
| 2019 | TSC-1 | 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. | Formal scope and cost estimation in progress. |

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)

2014/2015 FACILITY ASSESSMENT

Grand Region Office

| | |
|---------------------------------|-----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Own |
| Prosperity Region | |
| West Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wanamaker, Rick |

| | | | | | | | |
|--|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|----------|
| 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 | 05/05/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Region Administration | | | | 23,220 SQ FT | Fully Utilized | 06/29/2010 | |
| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY | |
| SITE CAPACITY FOR DEVELOPMENT | | Inadequate | SIDEWALKS 4 | ELECTRICAL UTILITY | Electrical | Consumers Energy | Adequate |
| SITE REGULATORY COMPLIANCE | | Adequate | FENCING 2 | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | Adequate |
| | | | SECURITY 0 | WATER UTILITY | Municipal | Grand Rapids, City of | Adequate |
| | | | LIGHTING 2 | SEWAGE UTILITY | Municipal | Grand Rapids, City of | Adequate |
| | | | IRRIG SYS 0 | | | | |
| 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 | |
| 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 |
| | | | | | | | | | | | | | | | | | |

MAJOR CAPITAL

Grand Region-Grand Region Office

Major Capital

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|---|---|---|
| 2021 | 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. | Formal scope and cost estimation in progress. |

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)

SPECIAL MAINTENANCE**Grand Region - Grand Region Office**

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|----------------------------|--|----------------------|
| 2020 | TSC-1 | Remodel receptionist area. | Existing receptionist area is not adequate for office operations and servicing the public. | \$230,100 |
| 2020 | REG-1 | Replace carpeting. | Carpet is showing visible signs of wear. | \$88,500 |
| 2021 | REG-1 | Paint interior surfaces. | Paint is showing signs of deterioration, including peeling and chipping. | \$24,500 |
| Special Maintenance Total: | | | | \$343,100 |

Assessment Rating:

REG300-00

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)

2014/2015 FACILITY ASSESSMENT

Hastings Garage

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Ownt |
| Prosperity Region | |
| West Michigan Prosperity Region | |
| GAS ENGINEER | REGION CONTACT |
| Woodruff, Val | Latham, Jason |

| | | | | | | |
|---|--------------------|-----------------|----------------|--------------------------|------------------|---------------------------|
| 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 | 06/04/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | | | 3,431 SQ FT | Fully Utilized | 01/19/2010 |
| 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 0 | WATER UTILITY | Well | Adequate |
| | | | LIGHTING 3 | SEWAGE UTILITY | Septic | Adequate |
| | | | IRRIG SYS 0 | | | |
| 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 | 33,300 | 1985 | \$7,492,500 | 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 |
| CMA-1 | CMA Storage and Containment | CMA Storage and Containment | 4,000 | 2005 | \$364,000 | Concrete (lower) and metal truss arch frame | Concrete (lower) | Fabric (polypropylene canvas) |
| TOTAL COMPLEX SQ FT | | | 43,300 | | | | | |

| 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 | Inadequate | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 0 |
| SSB-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 2 | 0 |
| CMA-1 | Adequate | Adequate | 3 | 3 | 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)

MAJOR CAPITAL

Grand Region-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> |
| 2021 | 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). | Formal scope and cost estimation in progress. |

SPECIAL MAINTENANCE

Grand Region - Hastings Garage

| <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 | 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. | \$199,000 |
| 2019 | STE-1 | Replace bituminous pavement. | Pavement is in poor condition with excessive cracking. | \$395,700 |
| Special Maintenance Total: | | | | \$594,700 |

Assessment Rating:

SONEG 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)

Facility is closed. MDOT is evaluating options to sell or lease the property.

2014/2015 FACILITY ASSESSMENT

Howard City TSC (Closed)

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Own |
| Prosperity Region | |
| West Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |

| | | | | | | |
|---|--------------------|-----------------|--------------------------|------------------|------------------------|-----------------|
| ADDRESS | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 19153 W. Howard City-Edmore Rd., Howard City MI 49329 | Montcalm | (231) 937-7780 | (231) 937-2281 | 8.00 | | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Transportation Service Center | | | 5,565 SQ FT | Fully Utilized | 06/30/2010 | |
| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY |
| SITE CAPACITY FOR DEVELOPMENT | Adequate | SIDEWALKS | ELECTRICAL UTILITY | Electrical | Great Lakes Energy | Adequate |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | Adequate |
| | RATING | SECURITY | WATER UTILITY | Well | | Adequate |
| PARKING/PAVING | | LIGHTING | SEWAGE UTILITY | Septic | | Adequate |
| DRAINAGE | | IRRIG SYS | | | | |

| 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 | 5,565 | 2001 | \$1,363,425 | Wood | Masonry and vinyl | Wood and shingle |
| TST-1 | Testing Lab | Cold Storage | 900 | 2002 | \$157,500 | Wood | Vinyl | Wood and shingle |
| TOTAL COMPLEX SQ FT | | | 6,465 | | | | | |

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

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)

2014/2015 FACILITY ASSESSMENT

Marion Garage

| | |
|--------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Own |
| Prosperity Region | |
| West Central Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Wahl, Bill |

| | | | | | | |
|---------------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|-----------------------------|
| 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 | 05/21/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | | | 2,000 SQ FT | Fully Utilized | 02/24/2010 |
| SITE ASSESSMENT | | <u>ADEQUACY</u> | <u>RATING</u> | <u>TYPE</u> | <u>VENDOR</u> | <u>ADEQUACY</u> |
| SITE CAPACITY FOR DEVELOPMENT | | Adequate | SIDEWALKS 2 | ELECTRICAL UTILITY | Electrical | Great Lakes Energy Adequate |
| SITE REGULATORY COMPLIANCE | | Adequate | FENCING 2 | GAS UTILITY (if present) | Natural Gas | Consumers Energy Adequate |
| | | | SECURITY 0 | WATER UTILITY | Well | Adequate |
| | | | LIGHTING 2 | SEWAGE UTILITY | Septic | Adequate |
| | | | IRRIG SYS 0 | | | |
| 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 | 20,000 | 1974 | \$4,500,000 | 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. | Shingle. |
| CSB-1 | Cold Storage | Cold Storage | 6,400 | 1994 | \$582,400 | Concrete and Masonry. | T1-11 with Paint. Masonry (Painted). | Flat membrane. |
| TOTAL COMPLEX SQ FT | | | 40,114 | | | | | |

| 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 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |
| SSB-1 | Adequate | Adequate | 2 | 3 | 2 | 0 | 0 | 2 | 5 | 2 | 0 | 0 | 3 | 0 | 3 | 3 | 0 |
| SSB-2 | Adequate | Inadequate | 2 | 3 | 2 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 2 | 2 | 3 | 2 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 0 | 2 | 0 | 3 | 2 | 0 |

SPECIAL MAINTENANCE
Grand Region - Marion Garage

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--------------------------------|--|----------------------|
| 2017 | SSB-1 | Paint exterior. | The exterior surface is showing signs of significant wear. | \$21,700 |
| 2017 | GAR-1 | Tuck point and paint exterior. | The exterior surface is showing signs of significant wear. | \$78,300 |
| Special Maintenance Total: | | | | \$100,000 |

2014/2015 FACILITY ASSESSMENT

Plainwell Garage

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Grand Region | Own |
| Prosperity Region | |
| West Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Woodruff, Val | Latham, Jason |

| | | | | | | | |
|---|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|------------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 596 North 11th Street, Plainwell MI 49080 | | Allegan | (269) 685-5350 | (269) 685-1704 | 21.00 | 06/04/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Garage | | | | 3,120 SQ FT | Fully Utilized | 05/05/2009 | |
| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY | |
| SITE CAPACITY FOR DEVELOPMENT | | Adequate | SIDEWALKS 4 | ELECTRICAL UTILITY | Electrical | Consumers Energy | Adequate |
| SITE REGULATORY COMPLIANCE | | Inadequate | FENCING 3 | GAS UTILITY (if present) | Natural Gas | Michigan Gas Utilities | Adequate |
| | | | SECURITY 5 | WATER UTILITY | Well | | Inadequate |
| | | | LIGHTING 3 | SEWAGE UTILITY | Septic | | Adequate |
| | | | IRRIG SYS 0 | | | | |
| 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 | 20,000 | 1963 | \$4,500,000 | Steel and CMU. | CMU block (painted) and some metal panel. | Metal. |
| SSB-2 | Salt/Sand Storage | Salt/Sand Storage | 2,500 | 1985 | \$227,500 | Concrete. | Concrete (painted). | Concrete (painted). |
| SSB-3 | Salt/Sand Storage | Salt/Sand Storage | 5,040 | 2005 | \$458,640 | Concrete and wood. | Concrete and wood. | Shingle. |
| CSB-1 | Cold Storage | Cold Storage | 7,280 | 1963 | \$660,660 | Steel frame. | Metal. | Metal. |
| CMA-1 | CMA Storage and Containment | CMA Storage and Containment | 600 | 0 | \$54,600 | Concrete. | Canvas | Canvas. |
| TOTAL COMPLEX SQ FT | | | 35,400 | | | | | |

| 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 (in) | Electrical | Lighting | Fire Protection | Overall | |
| | | | | | | | | | | | | | | | | | | Rating | |
| GAR-1 | Adequate | Inadequate | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| SSB-2 | Inadequate | Adequate | 3 | 4 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSB-3 | Inadequate | Adequate | 3 | 3 | 3 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 |
| CSB-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 3 |
| CMA-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 3 |

SPECIAL MAINTENANCE**Grand Region - Plainwell Garage**

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|---|----------------------|
| 2017 | STE-1 | Mill and resurface parking lot and drives. | Existing pavement has deteriorated to unacceptable conditions showing signs of large cracks and potholes. | \$355,700 |
| 2018 | GAR-1 | Insulate ceiling and walls. | Ceiling and walls have low thermal resistance and require insulation to increase thermal properties. | \$95,100 |
| Special Maintenance Total: | | | | \$450,800 |

SPECIAL MAINTENANCE**Grand Region - Reed City Garage**

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|---|----------------------|
| 2017 | GAR-1 | Tuck-point and paint exterior. | Building exterior finish is in poor condition. | \$117,100 |
| 2021 | 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. | \$520,500 |
| Special Maintenance Total: | | | | \$637,600 |

2014 FACILITY ASSESSMENT

Bay Region Maintenance Crews

| | |
|---|----------------|
| BUSINESS AREA | OWN/LEASE |
| Bay Region | Own |
| Prosperity Region | |
| East Central Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Brunner, Gregg |

| | | | | | | | |
|---|--------------------|-----------------|---------------------|--------------------------|-----------------------|------------------------------|----------|
| 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 | 04/23/2014 | | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | | |
| Maintenance Crews | | | 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 | 3 | GAS UTILITY (if present) | Natural Gas | Consumers Energy | Adequate |
| | | SECURITY | 3 | WATER UTILITY | Municipal | Buena Vista Charter Township | Adequate |
| | | LIGHTING | 2 | SEWAGE UTILITY | Municipal | Buena Vista Charter Township | Adequate |
| | | IRRIG SYS | 0 | | | | |
| | RATING | | | | | | |
| 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 |
| SPC-1 | Maintenance Crews | Maintenance Crews | 28,150 | 1966 | \$4,926,250 | 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 (mt) | Electrical | Lighting | Fire Protection |
|---------------------|---------------|----------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|---------------|------------|----------|-----------------|
| BLDG CODE | 5 YR ADEQUACY | ADA COMPLIANCE | | | | | | | | | | | | | | |
| SPC-1 | Adequate | Inadequate | 2 | 3 | 3 | 2 | 4 | 3 | 2 | 2 | 3 | 0 | 3 | 3 | 2 | 0 |
| HSB-1 | Adequate | Inadequate | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 0 | 0 | 3 | 3 | 2 | 0 |
| CSB-1 | Adequate | Inadequate | 3 | 3 | 3 | 0 | 0 | 3 | 3 | 3 | 0 | 0 | 0 | 3 | 4 | 0 |
| CSB-2 | Adequate | Adequate | 3 | 3 | 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)

SPECIAL MAINTENANCE

Bay Region - Bay Region Maintenance Crews

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|-----------------------------------|-------------------------------|----------------------|
| 2018 | STE-1 | Crack and seal asphalt as needed. | Large deep cracks in asphalt. | \$34,000 |
| Special Maintenance Total: | | | | \$34,000 |

- 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)

Shared facility. Huron TSC occupies 1,050 sq. ft. of Region Office (REG-1) building.

2014 FACILITY ASSESSMENT

Bay Region Office

| | |
|---|----------------|
| BUSINESS AREA | OWN/LEASE |
| Bay Region | Own |
| Prosperity Region | |
| East Central Michigan Prosperity Region | |
| CAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Brunner, Gregg |

| | | | | | | | |
|-------------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|------------------------------|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 5859 Sherman Road, Saginaw MI 48604 | | Saginaw | (989) 754-7443 | (989) 754-8122 | 4.49 | 04/23/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Region Administration | | | | 39,870 SQ FT | Fully Utilized | | |
| 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 | Consumers Energy | Adequate |
| | | | SECURITY 2 | WATER UTILITY | Municipal | Buena Vista Charter Township | Adequate |
| | | | LIGHTING 2 | SEWAGE UTILITY | Municipal | Buena Vista Charter Township | Adequate |
| | | | IRRIG SYS 0 | | | | |
| 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 | |
| REG-1 | Region Office | Region Office | 39,870 | 1995 | \$8,970,750 | Masonry and steel | Masonry and metal | Asphalt Shingles | |
| TOTAL COMPLEX SQ FT | | | 39,870 | | | | | | |

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

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 is closed. MDOT is evaluating options to sell or lease the property.

2014 FACILITY ASSESSMENT

Bay Region Office (Closed)

| | |
|---|----------------|
| BUSINESS AREA | OWN/LEASE |
| Bay Region | Own |
| Prosperity Region | |
| East Central Michigan Prosperity Region | |
| GAS ENGINEER | REGION CONTACT |

| | | | | | | |
|--------------------------------------|--------------------|-----------------|--------------------------|---------------------|------------------------------|-----------------------|
| 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 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Region Administration | | | | 8,930 SQ FT | Fully Utilized | 11/30/2009 |
| SITE ASSESSMENT | | <u>ADEQUACY</u> | <u>RATING</u> | <u>TYPE</u> | <u>VENDOR</u> | <u>ADEQUACY</u> |
| SITE CAPACITY FOR DEVELOPMENT | Inadequate | SIDEWALKS | ELECTRICAL UTILITY | Electrical | Consumers Energy | Adequate |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | GAS UTILITY (if present) | Natural Gas | Consumers Energy | Adequate |
| | <u>RATING</u> | SECURITY | WATER UTILITY | Municipal | Buena Vista Charter Township | Adequate |
| PARKING/PAVING | | LIGHTING | SEWAGE UTILITY | Municipal | | Adequate |
| DRAINAGE | | IRRIG SYS | | | | |

| BUILDINGS | | | | | | | | |
|---------------------|---------------------|-------------|--------------------|----------------|-----------------------------|-----------|-----------------|-----------|
| BLDG CODE | CONSTRUCTED PURPOSE | CURRENT USE | TOTAL SIZE (SQ FT) | OCCUPANCY YEAR | ESTIMATED REPLACEMENT VALUE | STRUCTURE | EXTERIOR FINISH | ROOF TYPE |
| | | | | | 50 | | | |
| TOTAL COMPLEX SQ FT | | | | | | | | |

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

SPECIAL MAINTENANCE
Bay Region - Davison TSC

| <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 | Install trench drain in front of testing lab area and route run-off to the northwest. | Water flows into testing lab area at service door and overhead door. | \$20,000 |
| Special Maintenance Total: | | | | \$20,000 |

Shared facility. See Bay Region Office for building and assessment information. TSC occupies 1,050 sq. ft. of region office (REG-1) building.

2014 FACILITY ASSESSMENT

Huron TSC

| | |
|---|----------------|
| BUSINESS AREA | OWN/LEASE |
| Bay Region | Own |
| Prosperity Region | |
| East Central Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Brunner, Gregg |

| | | | | | |
|-------------------------------------|--------------------|----------------|---------------------|------------------|-----------------------|
| ADDRESS | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 5859 Sherman Road, Saginaw MI 48604 | Saginaw | (989) 754-7443 | (989) 754-8122 | 0.00 | 04/23/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Transportation Service Center | | | 1,050 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 | Consumers Energy |
| | | SECURITY | 0 | WATER UTILITY | Municipal | Buena Vista Charter Township |
| | | LIGHTING | 0 | SEWAGE UTILITY | Municipal | Buena Vista Charter Township |
| PARKING/PAVING | 0 | IRRIG SYS | 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 | | | | | | | | | | | | | | | | |
|---------------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| 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 |
| | | | | | | | | | | | | | | | | |

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

2014 FACILITY ASSESSMENT

Mt. Pleasant Garage/ Mt. Pleasant TSC

| | |
|---|----------------|
| BUSINESS AREA | OWN/LEASE |
| Bay Region | Own |
| Prosperity Region | |
| East Central Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Brunner, Gregg |

| | | | | | | | |
|---|-------------------------------|-----------------|----------------|--------------------------|------------------|------------------------|----------|
| 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 | 04/21/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Garage | Transportation Service Center | | | 5,000 SQ FT | Fully Utilized | 05/18/2010 | |
| 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 2 | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | Adequate |
| | | | SECURITY 2 | WATER UTILITY | Municipal | ML Pleasant, City of | Adequate |
| | | | LIGHTING 3 | SEWAGE UTILITY | Municipal | ML Pleasant, City of | Adequate |
| | | | IRRIG SYS 3 | | | | |
| PARKING/PAVING | | 3 | | | | | |
| 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/TSC | 27,140 | 1987 | \$6,105,500 | Steel and masonry. | Masonry. | Metal with membrane coating. |
| HSB-1 | Heated Storage | Heated Storage | 6,000 | 1990 | \$545,000 | Steel and masonry. | Masonry. | Metal. |
| SSB-1 | Salt/Sand Storage | Salt/Sand Storage | 6,000 | 1988 | \$545,000 | Concrete and wood. | Concrete and wood. | Wood shingle. |
| TOTAL COMPLEX SQ FT | | | 39,140 | | | | | |

| 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 | RATING | | |
| | | | | | | | | | | | | | | | | | | 1 | 2 | |
| GAR-1 | Adequate | Inadequate | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 |
| HSB-1 | Adequate | Adequate | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 0 | 2 | 2 | 3 | 3 | 3 | 0 | 3 | 0 |
| SSB-1 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 0 | 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)

SPECIAL MAINTENANCE

Bay Region - Mt. Pleasant Garage/ Mt. Pleasant TSC

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|----------------------------|---|----------------------|
| 2017 | SSB-1 | Paint siding overhead. | Paint has faded and is in poor condition. | \$37,600 |
| Special Maintenance Total: | | | | \$37,600 |

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

2014 FACILITY ASSESSMENT Mt. Pleasant TSC

| | |
|---|----------------|
| BUSINESS AREA | OWN/LEASE |
| Bay Region | Own |
| Prosperity Region | |
| East Central Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Brunner, Gregg |

| | | | | | | |
|--|--------------------|--------------------------|---------------------|------------------------|-----------------------|-----------------|
| ADDRESS | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 1212 Corporate Drive, Mt. Pleasant, MI 48858 | Isabella | (989) 773-7756 | (989) 772-0530 | 0.00 | 04/21/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Transportation Service Center | | | 5,000 SQ FT | Fully Utilized | 05/18/2010 | |
| SITE ASSESSMENT | | <u>ADEQUACY</u> | <u>RATING</u> | <u>TYPE</u> | <u>VENDOR</u> | <u>ADEQUACY</u> |
| SITE CAPACITY FOR DEVELOPMENT | SIDEWALKS | ELECTRICAL UTILITY | Electrical | Consumers Energy | | |
| SITE REGULATORY COMPLIANCE | FENCING | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | | |
| <u>RATING</u> | SECURITY | WATER UTILITY | Municipal | Mt. Pleasant, City of | | |
| PARKING/PAVING | LIGHTING | SEWAGE UTILITY | Municipal | Mt. Pleasant, City of | | |
| DRAINAGE | IRRIG SYS | | | | | |

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

BUILDING ASSESSMENT

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

SPECIAL MAINTENANCE

Bay Region - Saginaw East Garage

| Appl. Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|---|---|--------------------|
| 2017 | SSB-2 | Paint exterior wood surfaces. | The exterior surface is showing signs of significant wear. | \$28,800 |
| 2017 | STE-1 | Resurface internal driveways, excluding main driveway and parking lot (Phase 2 of 3). | 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. | \$422,100 |
| 2018 | GAR-1 | Install infra-red heaters in mechanic's area and adjacent parts room. | Heating and ventilation system in mechanic's area and adjacent parts room is in poor condition and are inefficient to operate. | \$173,300 |
| 2018 | GAR-1 | Exterior window replacement for northeast corner meeting room and north side office area. | Exterior windows are in poor condition and are not energy efficient. | \$75,700 |
| 2018 | GAR-1 | Install 2 ton overhead crane along the length of the existing main center roof truss. | The mechanic's area currently does not have an overhead crane for vehicle repair operations. | \$82,000 |
| 2018 | STE-1 | Resurface internal driveways, excluding main driveway and parking lot (Phase 3 of 3). | 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. | \$554,800 |
| 2020 | STE-1 | Removal of 44,600 cubic yards of foundry sand from site. | Removal of contaminated material from site. | \$2,541,500 |
| Special Maintenance Total: | | | | \$3,878,200 |

2014 FACILITY ASSESSMENT

Saginaw West Garage

| | |
|---|----------------|
| BUSINESS AREA | OWN/LEASE |
| Bay Region | Own |
| Prosperity Region | |
| East Central Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Maida, Rick |

| | | | | | |
|--|---------|----------------|----------------|--------------|-----------------|
| 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 | 04/29/2014 |

| | | | | | |
|-------------------|--------------------|------------|---------------------|------------------|-----------------------|
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | | 1,350 SQ FT | Fully Utilized | 05/17/2010 |

| 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 4 | GAS UTILITY (if present) | Natural Gas | Consumers Energy | Adequate |
| | | SECURITY 3 | WATER UTILITY | Municipal | Thomas Township | Adequate |
| | | LIGHTING 3 | SEWAGE UTILITY | Municipal | Thomas Township | Adequate |
| | | IRRIG SYS 0 | | | | |
| PARKING/PAVING | | RATING 3 | | | | |
| DRAINAGE | | RATING 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 | \$4,855,500 | 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 | | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|-------|
| | 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 |
| SSB-1 | Adequate | Adequate | 4 | 4 | 4 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | |
| SSB-2 | Adequate | Adequate | 3 | 2 | 3 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 3 | 4 | 0 | |
| SSB-3 | Adequate | Inadequate | 3 | 2 | 3 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 2 | 2 | 4 | 3 | 0 | |
| CSB-1 | Adequate | Adequate | 2 | 2 | 3 | 3 | 0 | 3 | 2 | 3 | 4 | 0 | 2 | 0 | 3 | 2 | 0 | |

SPECIAL MAINTENANCE
Bay Region - Saginaw West Garage

| <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 | Replace two (2) existing floor hoists. | The two (2) existing floor hoists are inadequate to handle the larger, tandem-axle trucks. Currently the garage is equipped with portable hoists. | \$866,900 |
| Special Maintenance Total: | | | | \$866,900 |

Assessment Rating:

score: 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)

2014 FACILITY ASSESSMENT

Zilwaukee Bridge Maintenance Facility

| | |
|---|----------------|
| BUSINESS AREA | OWN/LEASE |
| Bay Region | Own |
| Prosperity Region | |
| East Central Michigan Prosperity Region | |
| DAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Maida, Rick |

| | | | | | |
|---------------------------------|--------------------|----------------|---------------------|------------------|-----------------------|
| ADDRESS | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 5777 N. Adams, Saginaw MI 48604 | Saginaw | (989) 752-0092 | (989) 752-5475 | 10.00 | 04/22/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Garage | | | 1,800 SQ FT | Fully Utilized | |

| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | | VENDOR | ADEQUACY |
|-------------------------------|----------|-----------|--------|--------------------------|--------------|--------------------|----------|
| SITE CAPACITY FOR DEVELOPMENT | Adequate | SIDEWALKS | 0 | ELECTRICAL UTILITY | Electrical | Consumers Energy | Adequate |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | 3 | GAS UTILITY (if present) | Propane | Amerigas (Saginaw) | Adequate |
| | | SECURITY | 2 | WATER UTILITY | Well | | Adequate |
| | | LIGHTING | 3 | SEWAGE UTILITY | Holding Tank | | Adequate |
| | | IRRIG SYS | 0 | | | | |
| 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 | 1,800 | 1996 | \$405,000 | Wood | Vinyl siding | Wood and shingles |
| HSB-1 | Heated Storage | Heated Storage | 3,584 | 1998 | \$326,144 | Wood | Vinyl siding | Wood and shingle |
| HSB-2 | Heated Storage | Heated Storage | 720 | 1998 | \$65,520 | Wood | Vinyl siding | Wood and shingles |
| TOTAL COMPLEX SQ FT | | | 6,104 | | | | | |

| 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 | 3 | 4 | 2 | 2 | 2 | 3 | 4 | 0 | 2 | 3 | 3 | 2 | 0 |
| HSB-1 | Adequate | Adequate | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 0 | 0 | 0 | 2 | 3 | 0 |
| HSB-2 | Adequate | Inadequate | 3 | 3 | 3 | 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)

SPECIAL MAINTENANCE

Southwest Region - Coldwater Training Facility

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|---|----------------------|
| 2021 | 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. | \$417,700 |
| Special Maintenance Total: | | | | \$417,700 |

Assessment Rating:

5/20/20 10:00

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)

2015 FACILITY ASSESSMENT

Coloma Garage

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Southwest Region | Own |
| Prosperity Region | |
| Southwest Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Latham, Jason |

| | | | | | | | |
|---|--------------------|-----------------|---------------------|--------------------------|-----------------------|---|----------|
| 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 | 04/03/2015 | | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | | |
| Garage | | | 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 |
| | RATING | SECURITY | 0 | WATER UTILITY | Well | | Adequate |
| PARKING/PAVING | 4 | LIGHTING | 4 | SEWAGE UTILITY | Septic | | Adequate |
| 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 |
| GAR-1 | Garage | Garage | 20,137 | 1968 | \$4,530,825 | Masonry walls, steel roof. | Painted masonry. | Flat; single-ply membrane. |
| HSB-1 | Heated Storage | Heated Storage | 6,000 | 1978 | \$546,000 | Masonry walls with steel 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 steel roof. | Painted masonry. | Flat single-ply membrane |
| CMA-1 | CMA Storage and Containment | CMA Storage and Containment | 2,400 | 0 | \$218,400 | Concrete walls and metal frame. | Concrete | Fabric. |
| TOTAL COMPLEX SQ FT | | | 42,109 | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|--------|---|
| | 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 | RATING | |
| | | | | | | | | | | | | | | | | | | 1 | 2 |
| GAR-1 | Adequate | Adequate | 3 | 4 | 4 | 2 | 3 | 5 | 4 | 4 | 5 | 3 | 4 | 3 | 3 | 3 | 3 | 0 | |
| HSB-1 | Adequate | Adequate | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 0 | 3 | 0 | 3 | 4 | 0 | | |
| SSB-1 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SSB-2 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 4 | 0 | 3 | 4 | 0 | | |
| WSH-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | |
| CMA-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 3 | 2 | 3 | 0 | | |

MAJOR CAPITAL

Southwest Region-Coloma Garage

Major Capital

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|------------------|----------------------|--|---|---|
| 2019 | 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. | Formal scope and cost estimation in progress. |

SPECIAL MAINTENANCE

Southwest Region - Coloma Garage

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|--|----------------------|
| 2017 | GAR-1 | Paint and touch paint exterior. | Exterior paint showing signs of wear. | \$32,400 |
| 2020 | GAR-1 | Paint interior. | Interior paint is failing. Paint has faded and is peeling. | \$57,600 |
| 2020 | SSB-1 | Replace lighting system | Lighting is not sufficient for operations and is not energy efficient. | \$72,900 |
| 2021 | 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. | \$229,000 |
| Special Maintenance Total: | | | | \$391,900 |

2015 FACILITY ASSESSMENT

Coloma Business Office

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Southwest Region | Own |
| Prosperity Region | |
| Southwest Prosperity Region | |
| GAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Latham, Jason |

| | | | | | | |
|---|--------------------|-----------------|----------------|--------------------------------------|---|-----------------------|
| 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 | 04/01/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Transportation Service Center | | | | 7,650 SQ FT | Fully Utilized | 06/16/2010 |
| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY |
| SITE CAPACITY FOR DEVELOPMENT | | Adequate | 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 | SEMCO | Adequate |
| | | | SECURITY 0 | WATER UTILITY Well | | Adequate |
| | | | LIGHTING 2 | SEWAGE UTILITY Septic | | Adequate |
| | | | IRRIG SYS 3 | | | |
| 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 |
| TSC-1 | Transportation Service Center | Transportation Service Center | 7,650 | 1993 | \$1,874,250 | Wood | Vinyl | Asphalt shingles |
| TST-1 | Testing Lab | Heated Storage | 500 | 1992 | \$87,500 | Wood | Metal wall panels | Asphalt shingles |
| TOTAL COMPLEX SQ FT | | | 8,150 | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| | 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 | 3 | 2 | 4 | 0 | 3 | 2 | 0 | 2 | 2 | 2 | 2 | 2 |
| TST-1 | Adequate | Adequate | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 0 | 0 | 3 | 3 | 3 | 0 |

SPECIAL MAINTENANCE

Southwest Region - Coloma Business Office

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|-----------------------------|--|-----------------|
| 2021 | STE-1 | Replace bituminous pavement | Pavement is in poor condition with excessive cracking. | \$96,900 |
| Special Maintenance Total: | | | | \$96,900 |

BUILDING ASSESSMENT

| | 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 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 3 | 0 | 3 | 3 | 3 | 0 |
| GAR-2 | Adequate | Inadequate | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 4 | 3 | 3 | 3 | 0 |
| SSB-1 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |
| SSB-2 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 0 |
| SSB-3 | Adequate | Adequate | 2 | 4 | 3 | 0 | 0 | 5 | 3 | 0 | 0 | 0 | 3 | 0 | 3 | 4 | 0 |
| CSB-1 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 3 | 4 | 0 |
| CMA-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |

MAJOR CAPITAL

Southwest Region-Jones Garage

Major Capital

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|---|---|---|
| 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. | Formal scope and cost estimation in progress. |

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)

SPECIAL MAINTENANCE
Southwest Region - Jones Garage

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|--|----------------------|
| 2017 | 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. | \$75,200 |
| 2017 | GAR-2 | Tuck point and paint entire exterior. | Paint is chipping, fading, and peeling. | \$46,600 |
| 2017 | SSB-2 | Paint exterior. | Paint is peeling. Salt has leached through wood so paint will not stick. | \$38,800 |
| 2017 | 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. | \$32,200 |
| 2017 | SSB-1 | Paint/stain exterior. | Paint is chipping, fading and peeling. | \$19,300 |
| 2017 | SSB-3 | Paint exterior. | Stain showing extreme wear and is no longer protecting wood. | \$20,100 |
| 2018 | 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. | \$48,800 |
| 2021 | 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 | \$347,500 |
| Special Maintenance Total: | | | | \$626,300 |

BUILDING ASSESSMENT

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

SPECIAL MAINTENANCE

Southwest Region - Kalamazoo Garage

| Appl Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|---|---|--------------------|
| 2017 | 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. | \$60,200 |
| 2018 | 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. | \$186,400 |
| 2021 | 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. | \$520,500 |
| 2021 | STE-1 | Repave entire area. | Pavement is in poor condition with excessive cracking. | \$1,274,600 |
| Special Maintenance Total: | | | | \$2,021,700 |

2015 FACILITY ASSESSMENT Marshall TSC

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Southwest Region | Own |
| Prosperity Region | |
| Southwest Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Woodruff, Val | Latham, Jason |

| | | | | | | |
|---|--------------------|-----------------|----------------|--------------------------------------|-------------------|-----------------------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 15300 W. Michigan Ave., Marshall MI 49068 | | Calhoun | (269) 789-0592 | (269) 789-0936 | 303.00 | 05/06/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Transportation Service Center | | | | 8,228 SQ FT | Fully Utilized | 06/17/2010 |
| 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 | Marshall, City of | Adequate |
| SITE REGULATORY COMPLIANCE | | Adequate | FENCING 0 | GAS UTILITY (if present) Natural Gas | Consumers Energy | Adequate |
| | | | SECURITY 2 | WATER UTILITY Municipal | Marshall, City of | Adequate |
| | | | LIGHTING 4 | SEWAGE UTILITY Municipal | Marshall, 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 | |
| TSC-1 | Transportation Service Center | Transportation Service Center | 8,228 | 2000 | \$2,015,860 | Wood frame. | Siding | Shingle. | |
| TOTAL COMPLEX SQ FT | | | 8,228 | | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | | | |
|---------------------|----------------|------------|----------|----------|---------|------------|------|------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|---|--|--|
| 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 | 4 | 3 | 2 | 5 | 0 | 3 | 2 | 2 | 3 | 2 | | |

SPECIAL MAINTENANCE Southwest Region - Marshall TSC

| Appt Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|--|--|------------------|
| 2020 | TSC-1 | 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. | \$197,800 |
| 2020 | TSC-1 | Replace carpet in original part of building. | Carpet is showing visible signs of wear. | \$30,600 |
| Special Maintenance Total: | | | | \$228,400 |

BUILDING ASSESSMENT

| | 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 | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 3 |
| SSB-1 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |
| SSB-2 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 |
| SSS-3 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 5 | 3 | 0 | 4 | 3 | 3 | 5 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |
| BSS-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CMA-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |

SPECIAL MAINTENANCE

Southwest Region - Niles Garage

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|--|---|------------------|
| 2018 | GAR-1 | Insulate walls. | Walls have low thermal resistance and require insulation to increase thermal properties. | \$23,100 |
| 2020 | 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. | \$245,100 |
| 2021 | 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. | \$219,800 |
| 2021 | SSB-1 | Convert salt/sand storage building to cold storage, including repairing asphalt floor. | Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life. | \$40,300 |
| 2021 | SSB-1 | Install T1-11 siding. | Paint has difficulty adhering to the wood due to salt leaching. Paint has chipped away exposing raw wood. | \$82,900 |
| Special Maintenance Total: | | | | \$611,200 |

SPECIAL MAINTENANCE

Southwest Region - Paw Paw Garage

| <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 | 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. | \$22,500 |
| 2020 | STE-1 | Cold mill and replace pavement. | Existing pavement has deteriorated to unacceptable conditions showing signs of large cracks and potholes. | \$228,600 |
| 2020 | 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. | \$65,700 |
| Special Maintenance Total: | | | | \$316,800 |

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)

MAJOR CAPITAL**Southwest Region-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> |
|------------------|----------------------|--|---|---|
| 2019 | 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. | Formal scope and cost estimation in progress. |
| 2021 | 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 has transitioned to use of large tandem trucks. Exposed equipment has increased rate of corrosion and reduced service life. | Formal scope and cost estimation in progress. |

SPECIAL MAINTENANCE**Southwest Region - Sawyer Garage**

| <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 | Paint T1-11 siding. | Paint is chipping, fading, and peeling. | \$19,400 |
| 2017 | GAR-1 | Paint exterior. | Paint is chipping, fading, and peeling. | \$30,200 |
| 2019 | 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. | \$80,100 |
| 2021 | SSB-1 | Convert salt dome to cold storage. | Materials and equipment are exposed to the elements. Exposed materials and equipment have increased rate of corrosion and reduced service life. | \$227,400 |
| 2021 | STE-1 | Pave areas to west and south of salt dome. | Areas to west and south of salt dome are gravel (unpaved). | \$297,700 |
| Special Maintenance Total: | | | | \$854,800 |

BUILDING ASSESSMENT

| | 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 | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 3 | 2 | 0 |
| GAR-2 | Inadequate | Adequate | 3 | 5 | 3 | 3 | 2 | 2 | 3 | 4 | 1 | 1 | 1 | 3 | 3 | 2 | 0 |
| SSB-1 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 5 | 0 | 3 | 3 | 0 |
| SSB-2 | Adequate | Adequate | 2 | 3 | 3 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 2 | 0 | 3 | 4 | 0 |
| SSB-3 | Adequate | Adequate | 2 | 3 | 3 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 2 | 0 | 3 | 4 | 0 |
| CSB-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 5 | 3 | 5 | 0 | 0 | 0 | 0 | 3 | 2 | 0 |
| CMA-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 3 | 3 | 3 | 0 |

MAJOR CAPITAL

Southwest Region-South Haven Garage

Major Capital

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|--|--|---|
| 2019 | 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. | Formal scope and cost estimation in progress. |
| 2019 | 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 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. | Formal scope and cost estimation in progress. |
| 2020 | 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. | Formal scope and cost estimation in progress. |
| 2020 | 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. | Formal scope and cost estimation in progress. |

SPECIAL MAINTENANCE

Southwest Region - South Haven Garage

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|---|--|------------------|
| 2019 | GAR-2 | Tuck point, paint exterior, and paint interior. | Interior and exterior paint is peeling and worn. | \$154,000 |
| Special Maintenance Total: | | | | \$154,000 |

2015 FACILITY ASSESSMENT

Southwest Region Maintenance Crews

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Southwest Region | Own |
| Prosperity Region | |
| Southwest Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Latham, Jason |

| | | | | | | |
|--------------------------------------|--------------------|------------|----------------|--------------------------|------------------|-----------------------|
| 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 | 04/22/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Maintenance Crews | | | | 5,385 SQ FT | Fully Utilized | 03/23/2010 |
| SITE ASSESSMENT | | | | | | |
| | | ADEQUACY | RATING | TYPE | | VENDOR |
| SITE CAPACITY FOR DEVELOPMENT | | Inadequate | | ELECTRICAL UTILITY | | Consumers Energy |
| SITE REGULATORY COMPLIANCE | | Adequate | | GAS UTILITY (if present) | | Consumers Energy |
| | | | | WATER UTILITY | | Portage, City of |
| | | | | SEWAGE UTILITY | | Portage, City of |
| | | | | | | |
| PARKING/PAVING | | | | | | |
| DRAINAGE | | | | | | |

| | | | | | | | | | |
|---------------------|---------------------|-------------------|--------------------|----------------|-----------------------------|----------------------|----------------------------------|------------------------------------|--|
| 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 | \$6,622,000 | Metal frame and CMU. | Block (painted) and metal panels | Slightly pitched steel corrugated. | |
| TOTAL COMPLEX SQ FT | | | 37,840 | | | | | | |

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

2015 FACILITY ASSESSMENT

Southwest Region Office

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Southwest Region | Own |
| Prosperity Region | |
| Southwest Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Latham, Jason |

| | | | | | | |
|--------------------------------------|--------------------|-----------|----------------|--------------------------|------------------|-----------------------|
| 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 | 04/22/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Region Administration | | | | 22,000 SQ FT | Fully Utilized | 03/04/2010 |
| SITE ASSESSMENT | | | | | | |
| | ADEQUACY | | RATING | | TYPE | VENDOR |
| SITE CAPACITY FOR DEVELOPMENT | Adequate | SIDEWALKS | 4 | ELECTRICAL UTILITY | Electrical | Consumers Energy |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | 3 | GAS UTILITY (if present) | Natural Gas | Consumers Energy |
| | | SECURITY | 3 | WATER UTILITY | Municipal | Portage, City of |
| | | LIGHTING | 3 | SEWAGE UTILITY | Municipal | Kalamazoo, City of |
| | | IRRIG SYS | 3 | | | |
| 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 | |
| REG-1 | Region Office | Region Office | 22,000 | 1985 | \$4,950,000 | Steel and brick | Brick | Flat seamed with stone cover. | |
| TOTAL COMPLEX SQ FT | | | 22,000 | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|----------------------------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|--|
| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | | |
| | 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 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 0 | 3 | 3 | 3 | 4 | 3 | |

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)

SPECIAL MAINTENANCE**Southwest Region - Southwest Region Office**

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|--|----------------------|
| 2018 | REG-1 | Clean efflorescence on exterior brick and apply sealant. | Scale efflorescence on brick causing the brick to spall. | \$19,900 |
| 2019 | STE-1 | Mill and replace top course. | Pavement is in poor condition with excessive cracking. | \$412,900 |
| 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. | \$63,700 |
| 2019 | REG-1 | Install T8 ballast and lights to replace T12 that have not yet been changed. | Lighting is not sufficient for operations and is not energy efficient. | \$71,000 |
| Special Maintenance Total: | | | | \$567,500 |

Assessment Rating:

REGSM 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)

BUILDING ASSESSMENT

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

SPECIAL MAINTENANCE

University Region - Adrian Garage

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|-----------------------------|---|-----------------|
| 2017 | CSB-1 | Paint exterior of building. | Exterior paint is peeling in many locations and is not providing proper protection to the building's masonry. | \$15,100 |
| Special Maintenance Total: | | | | \$15,100 |

BUILDING ASSESSMENT

| | 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 | 2 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 2 | 3 | 2 | 2 | 0 |
| HSB-1 | Adequate | Adequate | 3 | 5 | 3 | 5 | 4 | 5 | 3 | 3 | 3 | 0 | 5 | 3 | 3 | 4 | 0 |
| HSB-2 | Adequate | Adequate | 2 | 2 | 2 | 0 | 2 | 4 | 3 | 1 | 2 | 0 | 2 | 3 | 5 | 2 | 0 |
| HSB-3 | Adequate | Adequate | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 0 |
| SSB-1 | Adequate | Adequate | 3 | 2 | 3 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 3 | 0 | 5 | 3 | 0 |
| SSB-2 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 5 | 5 | 0 |
| CSB-2 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

SPECIAL MAINTENANCE

University Region - Brighton Garage

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|--|---|------------------|
| 2017 | HSB-1 | Replace all single-pane windows with new energy-efficient windows. | Existing windows are in poor condition and not energy efficient (single pane). | \$57,900 |
| 2018 | 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. | \$40,700 |
| 2018 | 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. | \$561,100 |
| 2019 | HSB-2 | Replace floor drain. | Existing drain is failing. | \$27,200 |
| 2019 | STE-1 | Replace fence along east side of property. | Along the east portion of property line, fencing is either deteriorated or completely missing. | \$24,900 |
| 2020 | GAR-1 | Concrete floor restoration. | The existing concrete floor has visible cracks and surface spalling. Because the surface is not sealed it is difficult to clean. | \$152,900 |
| Special Maintenance Total: | | | | \$874,600 |

2013 FACILITY ASSESSMENT

Brighton TSC

Leased Facility - Not Assessed

| | |
|--------------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| University Region | Lease-Private |
| Prosperity Region | |
| Southeast Michigan Prosperity Region | |
| GAS ENGINEER | REGION CONTACT |

| | | | | | | |
|--|--------------------|-----------------|----------------|--------------------------|------------------|-----------------------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 10321 E. Grand River, Suite 500, Brighton MI 48116 | | Livingston | (810) 227-4581 | | | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Transportation Service Center | | | | 10,867 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 | 10,867 | 0 | \$2,652,415 | | | |
| TOTAL COMPLEX SQ FT | | | 10,867 | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | |
|---------------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| 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 |
| | | | | | | | | | | | | | | | | |

MAJOR CAPITAL University Region-Brighton TSC

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|---|---|---|
| 2018 | 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. | Formal scope and cost estimation in progress. |

MAJOR CAPITAL

University Region-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> |
|------------------|----------------------|---|---|---|
| 2020 | 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. | Formal scope and cost estimation in progress. |

SPECIAL MAINTENANCE

University Region - Charlotte Garage

| <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 windows in mechanic's bay area and main garage. | Existing windows are in poor condition and not energy efficient (single pane). | \$40,200 |
| 2017 | GAR-1 | Insulate mechanic's bay area roof (spray foam). | Inadequate insulation resulting in heat loss. | \$35,300 |
| 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. | \$555,600 |
| 2019 | GAR-1 | Replace lighting system. | Lighting is not sufficient for operations and is not energy efficient. | \$43,100 |
| 2020 | 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. | \$39,000 |
| Special Maintenance Total: | | | | \$713,200 |

2013 FACILITY ASSESSMENT

Grand Ledge Garage

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| University Region | Own |
| Prosperity Region | |
| South Central Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Woodruff, Val | Thompson, Will |

| | | | | | | | |
|--|--------------------|-----------------|---------------------|--------------------------|-----------------------|--------------------------------|----------|
| 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 | | | 2,420 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 | 4 | GAS UTILITY (if present) | Natural Gas | Consumers Energy | Adequate |
| | | SECURITY | 0 | WATER UTILITY | Municipal | Delta Township | Adequate |
| | | LIGHTING | 2 | SEWAGE UTILITY | Municipal | Delta Township | Adequate |
| | | IRRIG SYS | 0 | | | | |
| | | | | | | | |
| 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 | \$2,848,275 | 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 | 1988 | \$904,176 | Concrete and wood. | Concrete and wood. | Wood and shingle. |
| CSB-1 | Cold Storage | Cold Storage | 6,000 | 1995 | \$548,000 | Masonry. | Masonry and metal. | Metal with membrane coating. |
| TOTAL COMPLEX SQ FT | | | 48,181 | | | | | |

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

| | 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 | 2 | 3 | 1 | 3 | 3 | 3 | 1 | 5 | 5 | 5 | 2 | 2 | 5 | 0 |
| HSB-1 | Inadequate | Adequate | 2 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 4 | 0 | 4 | 2 | 3 | 3 | 0 |
| SSB-1 | Adequate | Adequate | 4 | 4 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 0 |
| SSB-2 | Adequate | Adequate | 3 | 2 | 3 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 5 | 0 | 3 | 2 | 0 |
| SSB-3 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 1 | 0 | 0 | 2 | 0 | 2 | 2 | 0 |

MAJOR CAPITAL

University Region-Grand Ledge Garage

Major Capital

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|--|---|---|
| 2019 | 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. | Formal scope and cost estimation in progress. |
| 2020 | GAR-1 | Design and construct 46,000 sq. ft. Garage, 2,000 sq. ft. wash bay, and 7,500 sq. ft. heated storage building on existing MDOT owned property. | The current facility exceeds 50 years in service, is operating at more than twice the intended capacity, is not centrally located to the geographic area of responsibility. | Formal scope and cost estimation in progress. |

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)

SPECIAL MAINTENANCE

University Region - Grand Ledge Garage

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|--|----------------------|
| 2017 | GAR-1 | Replace windows with energy efficient product. | Existing windows are in poor condition and not energy efficient (single pane). | \$20,400 |
| 2018 | 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. | \$51,200 |
| 2018 | GAR-1 | Paint exterior. | Paint is deteriorating and no longer providing structural protection. | \$82,400 |
| 2018 | 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. | \$74,300 |
| 2019 | 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. | \$616,600 |
| 2019 | GAR-1 | Install drains in mechanic's area. | Water is pooling resulting in accelerated deterioration of the concrete floor. | \$71,400 |
| 2019 | 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. | \$164,400 |
| 2019 | 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. | \$247,900 |
| 2019 | GAR-1 | Replace lighting system | Lighting is not sufficient for operations and is not energy efficient. | \$45,000 |
| Special Maintenance Total: | | | | \$1,373,600 |

2013 FACILITY ASSESSMENT

Jackson Testing Lab

| | |
|--------------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| University Region | Own |
| Prosperity Region | |
| Southeast Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Maiberger, Kurt | Thompson, Will |

| | | | | | | |
|----------------------------------|--------------------|-----------------|----------------|--------------------------------------|-------------------|-----------------------|
| 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 | | | 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 |
| | | | SECURITY 3 | WATER UTILITY Well | | Adequate |
| PARKING/PAVING 5 | | | LIGHTING 3 | SEWAGE UTILITY Municipal | Blackman Township | Adequate |
| DRAINAGE 4 | | | IRRIG SYS 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 | Testing Lab | 6,087 | 1974 | \$1,369,575 | Steel frame. | Block mason and metal siding. | Metal, coated. | |
| TOTAL COMPLEX SQ FT | | | 6,087 | | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | | |
|---------------------|--|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| | | 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 | 4 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 4 | 3 |

SPECIAL MAINTENANCE University Region - Jackson Testing Lab

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|---|---|-----------------|
| 2019 | 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. | \$63,900 |
| Special Maintenance Total: | | | | \$63,900 |

2013 FACILITY ASSESSMENT

Jackson TSC

| | |
|--------------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| University Region | Own |
| Prosperity Region | |
| Southeast Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Maiberger, Kurt | Thompson, Will |

| | | | | | | | |
|-----------------------------------|--------------------|-----------|----------------|--------------------------|------------------|-----------------------|----------|
| 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 | | | | 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 |
| | RATING | SECURITY | 3 | WATER UTILITY | Well | | Adequate |
| PARKING/PAVING | 4 | LIGHTING | 3 | SEWAGE UTILITY | Municipal | Blackman Township | 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 | 8,474 | 1998 | \$2,076,130 | Wood frame | Vinyl and brick | Shingle | |
| TOTAL COMPLEX SQ FT | | | 8,474 | | | | | | |

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

SPECIAL MAINTENANCE University Region - Jackson TSC

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|---|---|------------------|
| 2019 | 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. | \$183,200 |
| Special Maintenance Total: | | | | \$183,200 |

Shared facility. See Lansing - Aeronautics for building and assessment information. TSC occupies 5,125 sq. ft. of Aeronautics (AER-1) building.

2013 FACILITY ASSESSMENT Lansing TSC

| | |
|---------------------------------|-----------------|
| BUSINESS AREA | OWN/LEASE |
| University Region | Own |
| Prosperity Region | |
| South Central Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Townsend, Julie | Misjak, Pauline |

| | | | | | | |
|---|--------------------|-----------------|---------------------|--------------------------|-----------------------|-----------------|
| ADDRESS | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 2700 Port Lansing Rd., Lansing MI 48906 | Clinton | (517) 335-3754 | (517) 335-3755 | 0.00 | 03/31/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Transportation Service Center | Aeronautics | | 5,125 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 |
| | | | | | \$0 | | | |
| TOTAL COMPLEX SQ FT | | | | | | | | |

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

MAJOR CAPITAL University Region-Lansing TSC

| Major Capital | | | | |
|---------------|---------------|--|--|---|
| Appt Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
| 201E | TSC-1 | 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. | Formal scope and cost estimation in progress. |

SPECIAL MAINTENANCE
University Region - Mason Garage

| <u>Appl Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|--|----------------------|
| 2018 | SSB-2 | Install metal siding. | Existing siding is in poor condition with peeling paint. | \$54,600 |
| 2018 | SSB-2 | Paint exterior. | Paint is deteriorating and no longer providing structural protection. | \$20,500 |
| 2019 | CSB-1 | Install efficient fluorescent lighting in CSB-1. | Existing cold storage building lighting is inefficient metal halide. | \$16,300 |
| 2019 | GAR-1 | Replace lighting system. | Lighting is not sufficient for operations and is not energy efficient. | \$33,600 |
| 2019 | SSB-1 | Install efficient fluorescent lighting in SSB-1. | Existing heated storage building lighting is inefficient metal halide. | \$34,100 |
| 2020 | GAR-1 | Install efficient fluorescent lighting. | Existing garage lighting is inefficient metal halide. | \$37,200 |
| Special Maintenance Total: | | | | \$196,500 |

Assessment Rating:

5/20/09 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)

2013 FACILITY ASSESSMENT

University Region Maintenance Crews

| | |
|--------------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| University Region | Own |
| Prosperity Region | |
| Southeast Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Maiberger, Kurt | Thompson, Will |

| | | | | | | | |
|-------------------------------|--------------------|-----------------|---------------------|--------------------------|-----------------------|-------------------|----------|
| 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 | | | 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 |
| | | IRRIG SYS | 0 | | | | |
| PARKING/PAVING | 5 | | | | | | |
| 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 | 1965 | \$4,045,825 | Mason. | Mason and metal. | Membrane. |
| HSB-1 | Heated Storage | Heated Storage | 6,000 | 1987 | \$546,000 | Mason. | Meson. | Membrane |
| CSB-1 | Cold Storage | Cold Storage | 1,560 | 1992 | \$141,950 | Wood frame. | Metal. | Shingle. |
| TOTAL COMPLEX SQ FT | | | 30,679 | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|----------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| | 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 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 3 |
| HSB-1 | Adequate | Adequate | 3 | 3 | 3 | 4 | 3 | 5 | 2 | 3 | 3 | 0 | 3 | 0 | 3 | 3 | 0 |
| CSB-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 0 | 5 | 3 | 3 | 0 | 0 | 0 | 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)

SPECIAL MAINTENANCE**University Region - University Region Maintenance Crews**

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|-----------------------------|--|----------------------|
| 2017 | SPC-1 | Paint exterior of building. | Exterior paint is peeling in many locations and is not providing proper protection of the masonry. | \$41,300 |
| 2018 | STE-1 | Remove and replace fencing. | Existing fence is in poor condition. | \$29,400 |
| Special Maintenance Total: | | | | \$70,700 |

Assessment Rating:

/00000F 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)

2013 FACILITY ASSESSMENT

University Region Office

| | |
|--------------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| University Region | Own |
| Prosperity Region | |
| Southeast Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Malberger, Kurt | Thompson, Will |

| | | | | | | | |
|---|--------------------|-----------------|----------------|--------------------------|-------------------|-----------------------|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 4701 W. Michigan Ave., Jackson MI 49201 | | Jackson | (517) 750-0401 | (517) 750-4397 | 10.00 | 04/09/2013 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | LITILIZATION RATE | FACILITY ENERGY AUDIT | |
| Region Administration | | | | 14,198 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 2 | 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 | | | | | |

| 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 | 14,198 | 2002 | \$3,194,550 | Masonry | Masonry | Wood and shingle | |
| TOTAL COMPLEX SQ FT | | | 14,198 | | | | | | |

| 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 |

2013 FACILITY ASSESSMENT

Williamston Garage

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| University Region | Own |
| Prosperity Region | |
| South Central Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Jersey, John |

| | | | | | | |
|---|--------------------|-----------------|----------------|--------------------------------------|------------------------|-----------------------|
| 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 | | | | 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 |
| | | | IRRIG SYS 0 | | | |
| 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 |
| GAR-1 | Garage | Garage | 15,382 | 1964 | \$3,460,950 | Masonry and steel | EIFS and masonry | Metal with ThermTec Membrane Steel |
| HSB-1 | Heated Storage | Heated Storage | 4,800 | 1964 | \$436,800 | Steel | Metal | Steel |
| SSB-1 | Salt/Sand Storage | Cold Storage | 5,600 | 1980 | \$508,600 | 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 | \$548,000 | 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 |
| | | | | | | | | | | | | | | | | | |
| HSB-1 | Adequate | Adequate | 3 | 4 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 3 | 2 | 0 |
| SSB-1 | Adequate | Adequate | 3 | 2 | 4 | 0 | 0 | 4 | 3 | 2 | 0 | 0 | 3 | 0 | 3 | 4 | 0 |
| SSB-2 | Adequate | Adequate | 2 | 2 | 3 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 3 | 0 | 3 | 4 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 4 | 3 | 4 | 0 | 4 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 4 | 0 |

SPECIAL MAINTENANCE

University Region - Williamston Garage

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|---|----------------------|
| 2018 | CSB-1 | Paint exterior and interior. | Paint is deteriorating and no longer providing structural protection. | \$16,500 |
| 2019 | SSB-2 | Replace sodium lighting inside salt storage building. | Inefficient/dated lighting. | \$26,900 |
| 2019 | 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. | \$44,100 |
| 2020 | GAR-1 | Paint garage interior. | Paint peeling, scaling needs replacement. | \$88,700 |
| Special Maintenance Total: | | | | \$154,200 |

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

Blue Water Bridge Plaza

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| East Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Bartus, Joe |

| | | | | | | | |
|-----------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|------------|
| 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 | | | | 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 |
| | | | IRRIG SYS 3 | | | | |
| 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 |
| 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 |
| OFF-1 | Office Building | Office Building | 22,208 | 1995 | \$4,996,800 | Concrete and steel | Concrete | Rubber membrane |
| GEN-1 | Emergency Generator Containment | Emergency Generator Containment | 400 | 2001 | \$50,000 | Block | Block | Rubber membrane |
| CSB-1 | Cold Storage | 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 |
| 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 | | | | | | | | | | | | | | |
| INS-1 | Adequate | Inadequate | 3 | 3 | 3 | 2 | 3 | 3 | 4 | 5 | 0 | 4 | 2 | 4 | 3 | 5 |
| INS-2 | Inadequate | Adequate | 4 | 4 | 4 | 3 | 3 | 3 | 0 | 4 | 5 | 0 | 3 | 4 | 4 | 0 |
| OFF-1 | Inadequate | Inadequate | 3 | 3 | 4 | 3 | 3 | 4 | 0 | 4 | 5 | 0 | 3 | 3 | 4 | 5 |
| GEN-1 | Adequate | Adequate | 2 | 2 | 3 | 0 | 0 | 2 | 0 | 2 | 3 | 2 | 3 | 2 | 2 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 3 | 2 | 0 | 0 | 2 | 3 | 3 | 0 | 0 | 0 | 2 | 2 | 0 |
| TLB-1 | Adequate | Inadequate | 5 | 5 | 3 | 3 | 5 | 2 | 0 | 5 | 3 | 0 | 0 | 3 | 4 | 0 |

2013 FACILITY ASSESSMENT Caniff-Greeley Salt Storage Building

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| GAS ENGINEER | REGION CONTACT |
| Woodruff, Val | Silver, Mia |

| | | | | | | |
|--|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|
| 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 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 | Adequate | SIDEWALKS | 0 | ELECTRICAL UTILITY | Electrical | DTE (includes MichCon) |
| SITE REGULATORY COMPLIANCE | Inadequate | FENCING | 4 | GAS UTILITY (if present) | N/A | |
| | | SECURITY | 0 | WATER UTILITY | N/A | |
| | | LIGHTING | 4 | SEWAGE UTILITY | N/A | |
| | | IRRIG SYS | 0 | | | |
| PARKING/PAVING | 5 | | | | | |
| DRAINAGE | 3 | | | | | |

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

MAJOR CAPITAL Metro Region-Caniff-Greeley Salt Storage Building

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|--|--|---|
| 2019 | 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. | Formal scope and cost estimation in progress. |

SPECIAL MAINTENANCE
Metro Region - Detroit Garage

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|--|----------------------|
| 2017 | STE-1 | Add additional exterior lighting on the south and east side of site. | There is poor lighting along the south and east sides of site. | \$244,300 |
| 2018 | STE-1 | Correct poor drainage in the parking lot, on both south and west sides of the site. | The existing site has poor drainage which ponds and floods. | \$164,700 |
| 2020 | GAR-1 | Replace the existing metal halide lighting fixtures inside the garage with electronic fluorescent fixtures. | The existing lights are inefficient. | \$39,000 |
| Special Maintenance Total: | | | | \$448,000 |

Shared facility. Square footage breakdown: Detroit TSC - 18,096; SEMTOC - 22,821; OBD - 4,524.

2013 FACILITY ASSESSMENT

Detroit Operations and Service Center

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Malberger, Kurt | Silver, Mia |

| | | | | | | | |
|--|--------------------|-----------------|----------------|--------------------------|------------------|-------------------------------------|----------|
| 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 | | | 45,241 SQ FT | Fully Utilized | 07/01/2012 | |
| SITE ASSESSMENT | | <u>ADEQUACY</u> | <u>RATING</u> | <u>TYPE</u> | <u>VENDOR</u> | <u>ADEQUACY</u> | |
| 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 |
| | <u>RATING</u> | SECURITY | 2 | WATER UTILITY | Municipal | Detroit Water and Sewage Department | Adequate |
| PARKING/PAVING | 2 | LIGHTING | 2 | SEWAGE UTILITY | Municipal | Detroit Water and Sewage Department | 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 |
| TSC-1 | Transportation Service Center | Transportation Service Center | 18,096 | 2012 | \$4,433,520 | Steel | Metal | Membrane |
| TOTAL COMPLEX SQ FT | | | 18,096 | | | | | |

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

2013 FACILITY ASSESSMENT

Ford/Wyoming Salt Storage Building

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Reverman, Jim | Bartus, Joe |

| | | | | | | |
|----------------------------------|--------------------|-----------------|---------------|--------------------------|------------------|------------------------|
| 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 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 | Adequate | SIDEWALKS | 0 | ELECTRICAL UTILITY | Electrical | DTE (includes MichCon) |
| SITE REGULATORY COMPLIANCE | Inadequate | FENCING | 4 | GAS UTILITY (if present) | N/A | |
| | | SECURITY | 0 | WATER UTILITY | N/A | |
| | | LIGHTING | 0 | SEWAGE UTILITY | N/A | |
| | | IRRIG SYS | 0 | | | |
| | | | | | | |
| 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 |
| 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 | | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|-------|
| | 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 |
| SSB-2 | Adequate | 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)

SPECIAL MAINTENANCE

Metro Region - Ford/Wyoming Salt Storage Building

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|--|----------------------|
| 2017 | 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. | \$135,100 |
| 2018 | STE-1 | Replace fence and gates. | Fence and gates are deteriorating. | \$59,700 |
| Special Maintenance Total: | | | | <u>\$194,800</u> |

2013 FACILITY ASSESSMENT

M-102 - US-24 Salt Storage Building

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Reverman, Jim | Bartus, Joe |

| | | | | | | | |
|--|--------------------|-----------------|---------------------|--------------------------|-----------------------|------------------------|----------|
| 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 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 | 3 | GAS UTILITY (if present) | N/A | | |
| | | SECURITY | 0 | WATER UTILITY | N/A | | |
| | | LIGHTING | 0 | SEWAGE UTILITY | N/A | | |
| | | IRRIG SYS | 0 | | | | |
| | | | | | | | |
| 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 | |
| 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 (in) | Electrical | Lighting | Fire Protection |
| | | | | | | | | | | | | | | | | | |
| SSB-1 | Adequate | Adequate | 3 | 4 | 3 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 4 | 0 | 3 | 5 | 0 |

SPECIAL MAINTENANCE

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

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|--|--|------------------|
| 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. | \$144,600 |
| 2021 | SSB-1 | Reskin entire building including soffit and fascia. | Existing metal panels are missing and/or rusting. | \$69,100 |
| Special Maintenance Total: | | | | \$213,700 |

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

Macomb TSC

Leased Facility - Not Assessed

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Lease-Private |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |

| | | | | | |
|--|--------------------|------------|---------------------|------------------|-----------------------|
| 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 | | | 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) | NA | |
| | SECURITY | | 0 | WATER UTILITY | NA | |
| | LIGHTING | | 0 | SEWAGE UTILITY | NA | |
| | 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 |
| TSC-1 | Transportation Service Center | Transportation Service Center | 10,428 | 0 | \$2,554,860 | | | |
| TOTAL COMPLEX SQ FT | | | 10,428 | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | |
|---------------------|----------------|------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| 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 |
| | | | | | | | | | | | | | | | | |

MAJOR CAPITAL Metro Region-Macomb TSC

| Major Capital | | | | |
|---------------|---------------|---|---|---|
| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
| 2021 | 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. | Formal scope and cost estimation in progress. |

2013 FACILITY ASSESSMENT Metro Region Maintenance Crews

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| GAS ENGINEER | REGION CONTACT |
| Woodruff, Val | Silver, Mia |

| | | | | | |
|---|--------------------|----------------|---------------------|------------------|-----------------------|
| 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 | | | 7,735 SQ FT | Fully Utilized | 11/23/2009 |

| SITE ASSESSMENT | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY |
|-------------------------------|----------|--------|--------------------------|------------------------|------------|
| SITE CAPACITY FOR DEVELOPMENT | Adequate | | ELECTRICAL UTILITY | Electrical | Inadequate |
| SITE REGULATORY COMPLIANCE | Adequate | | GAS UTILITY (if present) | Natural Gas | Adequate |
| | | | WATER UTILITY | Municipal | Adequate |
| | | | SEWAGE UTILITY | Municipal | Adequate |
| | | | | DTE (includes MichCon) | |
| | | | | Consumers Energy | |
| | | | | Auburn Hills, City of | |
| | | | | Auburn Hills, City of | |
| PARKING/PAVING | | 4 | | | |
| DRAINAGE | | 4 | | | |

| BLOG 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 | \$1,740,375 | Masonry | Masonry and metal. | Rubber membrane. |
| GAR-1 | Garage | Maintenance Crews | 12,450 | 1985 | \$2,801,250 | 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 | | 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 | Inadequate | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 0 | 3 | 3 | 5 | 2 | 0 |
| GAR-1 | Adequate | Inadequate | 3 | 2 | 3 | 5 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 0 |
| HSB-1 | Adequate | Adequate | 2 | 2 | 2 | 5 | 4 | 3 | 3 | 3 | 5 | 0 | 3 | 3 | 3 | 3 | 3 | 0 |
| CSB-1 | Adequate | Adequate | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 3 | 0 |

SPECIAL MAINTENANCE

Metro Region - Metro Region Maintenance Crews

| <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. | \$129,400 |
| 2021 | OFF-1 | Paint all exterior surfaces including masonry joint repointing, caulking/sealing, and patching masonry holes as needed. | The exterior surface is showing signs of wear. | \$35,600 |
| Special Maintenance Total: | | | | <u>\$165,000</u> |

2013 FACILITY ASSESSMENT

Metro Region Office

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Silver, Mia |

| | | | | | | |
|---|--------------------|----------------|--------------------------|------------------|------------------------|----------|
| 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 | | | 24,000 SQ FT | Fully Utilized | 03/30/2010 | |
| 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 | DTE (includes MichCon) | Adequate |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING 2 | GAS UTILITY (if present) | Natural Gas | Consumers Energy | Adequate |
| | <u>RATING</u> | SECURITY 4 | WATER UTILITY | Municipal | Southfield, City of | Adequate |
| PARKING/PAVING | 4 | LIGHTING 2 | SEWAGE UTILITY | Municipal | Southfield, 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 | |
| REG-1 | Region Office | Region Office | 24,000 | 2002 | \$5,400,000 | 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 | Adequate | 3 | 3 | 3 | 4 | 3 | 3 | 0 | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 |

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 Oakland TSC

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Maiberger, Kurt | Silver, Mia |

| | | | | | | |
|---------------------------------------|--------------------|-----------------|----------------|--------------------------------------|--|-----------------------|
| 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 | | | | 16,700 SQ FT | Fully Utilized | 07/01/2009 |
| 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 | 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 |
| | | | IRRIG SYS 2 | | | |
| PARKING/PAVING | | 3 | | | | |
| DRAINAGE | | 4 | | | | |

| 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 | 16,700 | 2009 | \$4,091,500 | Wood | Brick and vinyl | Shingle | |
| TST-1 | Testing Lab | Testing Lab | 600 | 2009 | \$105,000 | Wood | Vinyl siding | Asphalt shingles | |
| TOTAL COMPLEX SQ FT | | | 17,300 | | | | | | |

| 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 |
| | | | | | | | | | | | | | | | | | |
| TST-1 | Adequate | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 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)

2013 FACILITY ASSESSMENT

Pelham Yard Salt Storage Building

| | | |
|---------------------------------|--|----------------|
| BUSINESS AREA | | OWN/LEASE |
| Metro Region | | Own |
| Prosperity Region | | |
| Detroit Metro Prosperity Region | | |
| OAS ENGINEER | | REGION CONTACT |
| Hoop, Bill | | Bartus, Joe |

| | | | | | | |
|--------------------------------------|--------------------|-----------------|---------------|-------------------------------|------------------------|-----------------------|
| 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 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 | | 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 0 | | | |
| | | | | | | |
| 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 | Adequate | 4 | 4 | 4 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 3 | 0 | 4 | 4 | 0 | |

SPECIAL MAINTENANCE

Metro Region - Pelham Yard Salt Storage Building

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|------------------------|---|-----------------|
| 2018 | STE-1 | Correct site drainage. | Southwest corner of site and area behind salt shed are retaining water. | \$46,100 |
| Special Maintenance Total: | | | | \$46,100 |

SPECIAL MAINTENANCE
Metro Region - Port Huron Garage

| <u>Appl Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|--|----------------------|
| 2017 | 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. | \$172,500 |
| 2021 | GAR-1 | Construct a lean-to on the south side of the maintenance garage. | Insufficient equipment storage. | \$155,700 |
| Special Maintenance Total: | | | | \$328,200 |

2013 FACILITY ASSESSMENT

Port Huron Project Office (Temporary)

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Metro Region | Own |
| Prosperity Region | |
| East Michigan Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Bartus, Joe |

| | | | | | |
|---------------------------------------|--------------------|----------------|--------------------------------------|------------------------|-----------------------|
| 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 | | | 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 0 | | | |
| | | | | | |
| 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 | |
| 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 |
| | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 0 | 2 | 3 | 2 | 3 |
| TSC-1 | Adequate | Inadequate | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 0 | 2 | 3 | 2 | 3 | 0 |

2014 FACILITY ASSESSMENT

Construction Field Services Leased Facility - Not Assessed

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Lansing | Lease-DTMB |
| Prosperity Region | |
| South Central Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |

| | | | | | |
|------------------------------------|-------------------------|----------------|---------------------|------------------|-----------------------|
| ADDRESS | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 8885 Ricks Rd., Dimondale 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 | | 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 | | | 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 | \$26,096,850 | | | |
| TOTAL COMPLEX SQ FT | | | 115,986 | | | | | |

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

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)

2014 FACILITY ASSESSMENT Fleet Administration & Operations

| | |
|---------------------------------|------------------|
| BUSINESS AREA | OWN/LEASE |
| Lansing | Own |
| Prosperity Region | |
| South Central Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Ratterree, Scott |

| | | | | | |
|---|--------------------|----------------|---------------------|------------------|-----------------------|
| ADDRESS | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 2522 West Main Street, Lansing MI 48917 | Ingham | (517) 334-7758 | (517) 334-7840 | 4.00 | 03/31/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Fleet Administration and Operations | | 5,396 | SQ FT | Fully Utilized | 05/06/2010 |

| 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 | 3 | WATER UTILITY | Municipal | Lansing, Charter Township of | Adequate |
| | | LIGHTING | 3 | SEWAGE UTILITY | Municipal | Lansing, Charter Township of | Adequate |
| PARKING/PAVING | 4 | IRRIG SYS | 0 | | | | |
| 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 | 26,504 | 1948 | \$5,963,400 | Mason | EIFS masonry | Asphalt coated. |
| HSB-1 | Heated Storage | Heated Storage | 5,400 | 1985 | \$491,400 | Wood, masonry and metal. | Metal. | Metal. |
| HSB-2 | Heated Storage | Heated Storage | 500 | 1940 | \$45,500 | Wood and block foundation. | Metal | Metal. |
| TOTAL COMPLEX SQ FT | | | 32,404 | | | | | |

| 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 (In) | Electrical | Lighting | Fire Protection | |
| | | | | | | | | | | | | | | | | | | |
| GAR-1 | Adequate | Inadequate | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 5 | 2 | 3 | 3 | 3 | 2 | 3 | |
| HSB-1 | Adequate | Inadequate | 2 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 0 | |
| HSB-2 | Adequate | Adequate | 4 | 4 | 3 | 4 | 4 | 4 | 1 | 2 | 3 | 3 | 0 | 11 | 3 | 3 | 0 | |

SPECIAL MAINTENANCE

Lansing - Fleet Administration & Operations

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|--|---|------------------|
| 2017 | 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. | \$20,000 |
| 2019 | 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. | \$39,700 |
| 2019 | 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. | \$519,500 |
| Special Maintenance Total: | | | | \$579,200 |

2014 FACILITY ASSESSMENT

Nixon Warehouse

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Lansing | Own |
| Prosperity Region | |
| South Central Prosperity Region | |
| GAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Hynes, Tom |

| | | | | | | |
|-------------------------------------|--------------------|----------|----------------|--------------------------------------|------------------|-----------------------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 5219 Nixon Road, Dimondale MI 48821 | | Eaton | (517) 654-2450 | | 17.00 | 04/01/2014 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Warehouse | | | | 0 SQ FT | Fully Utilized | |
| 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 | Consumers Energy | Adequate |
| | | | SECURITY 0 | WATER UTILITY N/A | | Adequate |
| | | | LIGHTING 3 | SEWAGE UTILITY N/A | | Adequate |
| | | | IRRIG SYS 0 | | | |
| PARKING/PAVING 3 | | | | | | |
| DRAINAGE 2 | | | | | | |

| 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 (In) | Electrical | Lighting | Fire Protection |
| | | | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 0 | 4 | 3 | 3 | 3 | 0 |
| WRH-1 | Adequate | Inadequate | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 0 | 4 | 3 | 3 | 3 | 0 |

2014 FACILITY ASSESSMENT

Operations Field Services

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Lansing | Own |
| Prosperity Region | |
| South Central Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Hoop, Bill | Jones, Tim |

| | | | | | | | |
|-------------------------------------|------------------------|-----------------|----------------|--------------------------|------------------|--------------------------------|----------|
| 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 | 04/01/2014 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Maintenance Administration | Maintenance Operations | | | 9,810 SQ FT | Fully Utilized | 04/19/2010 | |
| SITE ASSESSMENT | | <u>ADEQUACY</u> | <u>RATING</u> | <u>TYPE</u> | <u>VENDOR</u> | <u>ADEQUACY</u> | |
| 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 | 3 | SEWAGE UTILITY | Municipal | Delta Township | Adequate |
| | | IRRIG SYS | 0 | | | | |
| 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 | Office Building | 44,210 | 1984 | \$9,947,250 | 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 | | |
| | 5 YR ADEQUACY | ADA COMPLIANCE | | | | | | | | | | | | | | | | |
| GAR-1 | Adequate | Inadequate | 2 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | | |
| CSB-1 | Inadequate | Inadequate | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | | |

SPECIAL MAINTENANCE

Lansing - Operations Field Services

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------------------------------|---------------|--|--|------------------|
| 2017 | GAR-1 | Apply roof coating over entire building. | The existing metal roof has numerous leaks and needs to be coated. | \$227,200 |
| Special Maintenance Total: | | | | \$227,200 |

2014 FACILITY ASSESSMENT

Van Wagoner Building

Leased Facility - Not Assessed

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Lansing | Lease-DTMB |
| Prosperity Region | |
| South Central Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |

| | | | | | |
|----------------------------------|--------------------|----------------|---------------------|------------------|-----------------------|
| 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 | | | 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 | \$62,078,150 | | | |
| TOTAL COMPLEX SQ FT | | | 275,894 | | | | | |

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

2015 FACILITY ASSESSMENT Benton Harbor Bus Terminal

| | |
|-----------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Pass Trans | Own |
| Prosperity Region | |
| Southwest Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Parsons, Chris | Nobach, Amy |

| | | | | | | | |
|------------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|---|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 2412 M-139, Benton Harbor MI 49022 | | Berrien | (269) 925-1121 | | 0.95 | 04/01/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Bus Terminal | | | | 260 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 | 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 |
| | <u>RATING</u> | SECURITY | 2 | WATER UTILITY | Municipal | Benton Charter Township | Adequate |
| PARKING/PAVING | 4 | LIGHTING | 2 | SEWAGE UTILITY | Municipal | Benton Charter Township | Adequate |
| 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 | |
| BUS-1 | Bus Terminal | Bus Terminal | 1,400 | 1991 | \$175,000 | 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 (In) | Electrical | Lighting | Fire Protection |
| | | | | | | | | | | | | | | | | | |
| BUS-1 | Adequate | Adequate | 3 | 3 | 2 | 3 | 3 | 3 | 0 | 3 | 4 | 0 | 2 | 3 | 3 | 3 | 0 |

2015 FACILITY ASSESSMENT Southfield Bus Terminal

| | |
|---------------------------------|----------------|
| BUSINESS AREA | OWN/LEASE |
| Pass Trans | Own |
| Prosperity Region | |
| Detroit Metro Prosperity Region | |
| OAS ENGINEER | REGION CONTACT |
| Woodruff, Val | Nobach, Amy |

| | | | | | | | |
|--------------------------------------|--------------------|-----------|----------------|--------------------------|------------------|------------------------|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 26991 Lahser Rd, Southfield MI 48033 | | Oakland | (248) 353-2870 | | 2.56 | 05/18/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Bus Terminal | | | | 200 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 | Adequate | SIDEWALKS | 4 | ELECTRICAL UTILITY | Electrical | DTE (includes MichCon) | Adequate |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | 0 | GAS UTILITY (if present) | Natural Gas | Consumers Energy | Adequate |
| | <u>RATING</u> | SECURITY | 1 | WATER UTILITY | Municipal | Southfield, City of | Adequate |
| PARKING/PAVING | 5 | LIGHTING | 3 | SEWAGE UTILITY | Municipal | Southfield, City of | Adequate |
| 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 |
| BUS-1 | Bus Terminal | Bus Terminal | 3,122 | 1849 | \$390,250 | 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 (m) | Electrical | Lighting | Fire Protection |
| BUS-1 | Adequate | Adequate | 3 | 2 | 3 | 2 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 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)

2015 FACILITY ASSESSMENT

Clare Welcome Center

| | |
|-----------------------------|-----------|
| BUREAU/REGION | OWN/LEASE |
| Bay Region | Own |
| REGION REPRESENTATIVE | |
| Brunner, Gregg | |
| FACILITY A&O REPRESENTATIVE | |
| Woodruff, Val | |

| | | | | | | | |
|-------------------------------|--------------------|-----------------|---------------------|--------------------------|-----------------------|------------------------|----------|
| 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 | 06/15/2015 | | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | | |
| Welcome Center | | | 720 SQ FT | Fully Utilized | 02/03/2010 | | |
| 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 | 5 | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | Adequate |
| | RATING | SECURITY | 0 | WATER UTILITY | Well | | Adequate |
| PARKING/PAVING | 4 | LIGHTING | 5 | 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 | | Structural | Exterior | Interior | Windows | Insulation | Roof | Overhead/ Sliding Doors | Service Doors | HVAC | Engine Exhaust | Ventilation | Plumbing (ml) | Electrical | Lighting | Fire Protection |
|---------------------|---------------|----------------|----------|----------|---------|------------|------|-------------------------|---------------|------|----------------|-------------|---------------|------------|----------|-----------------|
| BLDG CODE | 5 YR ADEQUACY | ADA COMPLIANCE | | | | | | | | | | | | | | |
| WCT-1 | Adequate | Inadequate | 2 | 2 | 3 | 3 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 4 | 3 | 3 |
| HSB-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 3 | 2 | 3 | 5 | 3 | 0 | 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)

SPECIAL MAINTENANCE
Bay Region - Clare Welcome Center

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|--|----------------------|
| 2018 | 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. | \$573,900 |
| 2019 | STE-1 | Mill and resurface ramps and parking area. | Parking lot and ramp pavement is beginning to deteriorate. | \$375,900 |
| 2019 | STE-1 | Replace sidewalk on south bound ramp. | Sidewalk is in poor condition and is a trip hazard. | \$100,600 |
| 2019 | STE-1 | Remove existing lagoon. | Lagoon is no longer required and must be removed. | \$108,600 |
| 2020 | WCT-1 | Replace carpet. | Carpet in poor condition throughout brochure area. | \$19,600 |
| Special Maintenance Total: | | | | \$1,179,600 |

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)

2015 FACILITY ASSESSMENT

Coldwater Welcome Center

| | |
|-----------------------------|-----------|
| BUREAU/REGION | OWN/LEASE |
| Southwest Region | Owr |
| REGION REPRESENTATIVE | |
| Latham, Jason | |
| FACILITY A&O REPRESENTATIVE | |
| Woodruff, Val | |

| | | | | | | | |
|--|--------------------|-----------------|---------------------|--------------------------|-----------------------|------------------------------------|----------|
| 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) 388-3766 | 14.00 | 05/04/2015 | | |
| FACILITY FUNCTION | SECONDARY FUNCTION | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | | |
| Welcome Center | | | 1,000 SQ FT | Fully Utilized | 06/17/2010 | | |
| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY | |
| SITE CAPACITY FOR DEVELOPMENT | | SIDEWALKS | 3 | ELECTRICAL UTILITY | Electrical | Consumers Energy | Adequate |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | 3 | GAS UTILITY (if present) | Propane | Amerigas | Adequate |
| | RATING | SECURITY | 0 | WATER UTILITY | Well | | |
| PARKING/PAVING | 4 | LIGHTING | 4 | SEWAGE UTILITY | Municipal | Branch County Dept of Public Works | 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 | 8,522 | 2002 | \$2,087,890 | Wood and steel. | Brick. | Metal standing RIB. |
| CSB-1 | Cold Storage | Cold Storage | 400 | 1984 | \$38,400 | Masonry. | Block (painted). | Pitched rolled roofing. |
| TOTAL COMPLEX SQ FT | | | 8,922 | | | | | |

| 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 | Adequate | 3 | 3 | 3 | 0 | 0 | 3 | 3 | 0 | 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)

SPECIAL MAINTENANCE
Southwest Region - Coldwater Welcome Center

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|--|----------------------|
| 2017 | WCT-1 | Remove and replace water treatment system. | The pumps are antiquated, require frequent non-routine repair, and are costly to have serviced. | \$55,700 |
| 2018 | WCT-1 | Replace security gate. | The gate has deteriorated and requires frequent repair. | \$61,200 |
| 2018 | WCT-1 | Drill additional well. | Currently there is not enough pressure at peak times. Current well will not support fire suppression system. | \$90,400 |
| 2018 | WCT-1 | Replace lighting in the lobby and brochure area. | Lighting is not sufficient for operations and is not energy efficient. | \$36,300 |
| 2020 | STE-1 | Resurface parking lot. | Pavement is in poor condition with excessive cracking. | \$353,900 |
| Special Maintenance Total: | | | | \$597,500 |

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)

2015 FACILITY ASSESSMENT

Dundee Welcome Center

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

| | | | | | | |
|--------------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE |
| 8001 Covert Rd., Petersburg MI 49270 | | Monroe | (734) 865-6960 | (734) 866-1180 | 33.00 | 06/09/2015 |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT |
| Welcome Center | | | | 540 SQ FT | Fully Utilized | 06/28/2010 |
| 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 | DTE (includes MichCon) |
| SITE REGULATORY COMPLIANCE | | Adequate | FENCING 4 | GAS UTILITY (if present) | None | |
| | | | SECURITY 0 | WATER UTILITY | Well | Adequate |
| | | | LIGHTING 3 | SEWAGE UTILITY | Lagoon | Adequate |
| | | | IRRIG SYS 0 | | | |
| PARKING/PAVING | | 3 | | | | |
| DRAINAGE | | 4 | | | | |

| 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 | 1986 | \$1,067,555 | Wood. | Brick and wood. | Shingle. | |
| RRM-1 | Restroom | Restroom | 3,000 | 1982 | \$735,000 | Masonry. | Brick. | Shingles with rubber coating. | |
| TOTAL COMPLEX SQ FT | | | 7,439 | | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | | |
|---------------------|------------|---------------|----------------|------------|----------|----------|---------|------------|------|------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|
| | | 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 | Inadequate | Inadequate | 3 | 3 | 3 | 3 | 4 | 3 | 0 | 3 | 4 | 0 | 4 | 4 | 4 | 3 | 0 | |
| RRM-1 | Inadequate | Inadequate | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 3 | 3 | 0 | 4 | 3 | 3 | 3 | 0 | |

MAJOR CAPITAL

University Region-Dundee Welcome Center

Major Capital

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|--|---|---|
| 2020 | 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. | Formal scope and cost estimation in progress. |

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)

SPECIAL MAINTENANCE

University Region - Dundee Welcome Center

| <u>Appl. Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|---------------------------------------|----------------------|
| 2018 | STE-1 | Lagoon lift gates need to be replaced. | Lift gates are broken and inoperable. | \$70,500 |
| Special Maintenance Total: | | | | \$70,500 |

SPECIAL MAINTENANCE

Superior Region - Ironwood Welcome Center

| <u>Appt Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|---|---|----------------------|
| 2019 | WCT-1 | Replace handrails at ramp and steps with aluminum railings. | Handrails do not meet current ADA guidelines and are deteriorating. | \$27,700 |
| Special Maintenance Total: | | | | \$27,700 |

- 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)

SPECIAL MAINTENANCE**North Region - Mackinaw City Welcome Center**

| <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 | Make outside restrooms ADA accessible. | Not accessible to all customers. | \$18,600 |
| 2020 | WCT-1 | Replace floor tile in restrooms. | Floor tile is in poor condition. | \$30,300 |
| 2021 | 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. | \$101,000 |
| Special Maintenance Total: | | | | \$149,900 |

2015 FACILITY ASSESSMENT

Menominee Welcome Center

| | |
|-----------------------------|-----------|
| BUREAU/REGION | OWM/LEASE |
| Superior Region | Own |
| REGION REPRESENTATIVE | |
| Bedard, John | |
| FACILITY A&O REPRESENTATIVE | |
| Parsons, Chris | |

| | | | | | | | |
|--------------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|--------------------------|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 1343 10th Avenue, Menominee MI 49858 | | Menominee | (906) 863-8496 | (906) 863-2155 | 1.00 | 04/28/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Welcome Center | | | | 1,200 SQ FT | Fully Utilized | 06/09/2010 | |
| SITE ASSESSMENT | | ADEQUACY | RATING | TYPE | VENDOR | ADEQUACY | |
| SITE CAPACITY FOR DEVELOPMENT | | Inadequate | SIDEWALKS 2 | ELECTRICAL UTILITY | Electrical | Wisconsin Public Service | Adequate |
| SITE REGULATORY COMPLIANCE | | Adequate | FENCING 2 | GAS UTILITY (If present) | Natural Gas | Wisconsin Public Service | Adequate |
| | | | SECURITY 3 | WATER UTILITY | Municipal | Menominee, City of | Adequate |
| | | | LIGHTING 4 | SEWAGE UTILITY | Municipal | Menominee, City of | Adequate |
| | | | IRRIG SYS 0 | | | | |
| 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 |
| 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 (In) | Electrical | Lighting | Fire Protection |
| | | | | | | | | | | | | | | | | | |
| WCT-1 | Adequate | Adequate | 3 | 5 | 3 | 2 | 3 | 3 | 0 | 4 | 4 | 0 | 2 | 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)

2015 FACILITY ASSESSMENT

Monroe Welcome Center

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

| | | | | | | | |
|-----------------------------------|--------------------|-----------------|----------------|--------------------------|------------------|------------------------|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 12900 Expressway, Monroe MI 48161 | | Monroe | (734) 242-1768 | (734) 242-6181 | 15.00 | 06/09/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Welcome Center | | | | 720 SQ FT | Fully Utilized | 11/05/2009 | |
| 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 | Michigan Gas Utilities | Adequate |
| | RATING | SECURITY | 0 | WATER UTILITY | Municipal | Monroe, City of | Adequate |
| PARKING/PAVING | 3 | LIGHTING | 2 | SEWAGE UTILITY | Municipal | Monroe, City of | Adequate |
| DRAINAGE | 2 | 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 | 8,522 | 2006 | \$2,087,890 | Steel | Brick | Steel |
| HSB-1 | Heated Storage | Cold Storage | 960 | 0 | \$87,380 | 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 |
| | | | | | | | | | | | | | | | | | |
| HSB-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 4 | 5 | 3 | 5 | 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)

SPECIAL MAINTENANCE

Southwest Region - New Buffalo Welcome Center

| <u>Appn Year</u> | <u>Building Code</u> | <u>Brief Scope of Work</u> | <u>Current Condition</u> | <u>Cost Estimate</u> |
|-----------------------------------|----------------------|--|--|----------------------|
| 2018 | STE-1 | Rework irrigation system with all new controls and wiring. | Irrigation system no longer works automatically. Wiring has deteriorated and is damaged. | \$83,400 |
| 2018 | STE-1 | Crack seal parking lot and repair truck parking slab. | Existing pavement is in poor condition with large cracking. | \$408,900 |
| 2020 | WCT-1 | Modify three points of vestibule. | Excessive heat and moisture trapped in vestibule area. | \$90,800 |
| 2020 | WCT-1 | Recarpet floors in public area. | Carpet is showing visible signs of wear. | \$28,500 |
| 2020 | 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. | \$27,500 |
| Special Maintenance Total: | | | | <u>\$628,900</u> |

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)

2015 FACILITY ASSESSMENT

St. Ignace Welcome Center

| | |
|-----------------------------|-----------|
| BUREAU/REGION | OWN/LEASE |
| Superior Region | Own |
| REGION REPRESENTATIVE | |
| Bedard, Jack | |
| FACILITY A&O REPRESENTATIVE | |
| Parsons, Chris | |

| | | | | | | | |
|--|--------------------|-----------------|----------------|--------------------------|------------------|-----------------------|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 1-75 N. Mackinac Bridge Plaza, St. Ignace MI 49781 | | Mackinac | (906) 643-6979 | (980) 663-9904 | 4.00 | 06/03/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Welcome Center | | | | 912 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 | 2 | ELECTRICAL UTILITY | Electrical | Cloverland Electric | Adequate |
| SITE REGULATORY COMPLIANCE | Adequate | FENCING | 2 | GAS UTILITY (if present) | Propane | Autore Oil, Inc. | Adequate |
| | <u>RATING</u> | SECURITY | 0 | WATER UTILITY | Municipal | St Ignace, City of | Adequate |
| PARKING/PAVING | 3 | LIGHTING | 1 | SEWAGE UTILITY | Municipal | St Ignace, City of | Adequate |
| 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 | |
| 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 |
| | | | 3 | 2 | 3 | 2 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 3 | 2 | 0 |
| WCT-1 | Adequate | Adequate | 3 | 2 | 3 | 2 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 3 | 2 | 0 |

MAJOR CAPITAL

Superior Region-St. Ignace Welcome Center

Major Capital

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|---|---|---|
| 2021 | 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. | Formal scope and cost estimation in progress. |

2015 FACILITY ASSESSMENT

Sault Ste. Marie Welcome Center

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

| | | | | | | | |
|---|--------------------|-----------------|----------------|--------------------------|------------------|--------------------------|----------|
| ADDRESS | | COUNTY | PHONE NO. | FAX NO. | SITE ACREAGE | INSPECTION DATE | |
| 943 Portage Avenue W, Sault Ste. Marie MI 49783 | | Chippewa | (906) 632-8242 | (906) 632-1171 | 6.00 | 06/01/2015 | |
| FACILITY FUNCTION | SECONDARY FUNCTION | | WORK FORCE | ADMIN/EMPLOYEE AREA | UTILIZATION RATE | FACILITY ENERGY AUDIT | |
| Welcome Center | | | | 800 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 4 | ELECTRICAL UTILITY | Electrical | Cleveland Electric | Adequate |
| SITE REGULATORY COMPLIANCE | | Adequate | FENCING 3 | GAS UTILITY (if present) | Natural Gas | DTE (includes MichCon) | Adequate |
| | | | SECURITY 0 | WATER UTILITY | Municipal | Sault Ste Marie, City of | Adequate |
| | | | LIGHTING 3 | SEWAGE UTILITY | Municipal | Sault Ste Marie, 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 |
| WCT-1 | Welcome Center | Welcome Center | 2,000 | 1968 | \$490,000 | Block | Block | Wood and asphalt shingle |
| RRM-1 | Restroom | Restroom | 2,100 | 1968 | \$514,500 | Block | Block | Membrane |
| TOTAL COMPLEX SQ FT | | | 4,100 | | | | | |

| BUILDING ASSESSMENT | | | | | | | | | | | | | | | | | | |
|---------------------|---------------|----------------|------------|----------|----------|---------|------------|------|------------------------|---------------|------|----------------|-------------|----------------|------------|----------|-----------------|-------|
| | 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 |
| RRM-1 | Adequate | Adequate | 3 | 3 | 3 | 0 | 2 | 3 | 0 | 4 | 3 | 0 | 2 | 3 | 3 | 2 | 0 | |

MAJOR CAPITAL

Superior Region-Sault Ste. Marie Welcome Center

| Appn Year | Building Code | Brief Scope of Work | Current Condition | Cost Estimate |
|-----------|---------------|--|--|---|
| 2021 | WCT-1 | Design and construct new 6,000 sq. ft. Welcome Center. | Current facility is inadequate in size to accommodate public need. | Formal scope and cost estimation in progress. |

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)

SPECIAL MAINTENANCE**Superior Region - Sault Ste. Marie Welcome Center**

| <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 | 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. | \$63,000 |
| Special Maintenance Total: | | | | \$63,000 |

**FISCAL YEAR 2017
CAPITAL OUTLAY MAJOR PROJECT REQUEST
(FORM F)**

Department: Michigan Department of Transportation (MDOT)

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 resulting in limited available funds for critical maintenance on existing facilities only. It is important to recognize the department has major capital improvement investment needs that must be addressed in the long-range plan.

**FISCAL YEAR 2017
CAPITAL OUTLAY SPECIAL MAINTENANCE REQUEST
(FORM G)**

Department: Michigan Department of Transportation (MDOT)

Total of All Requests: \$3,001,500

Priority 1

Project Title: Lump Sum Special Maintenance

Facility Name: Various

Facility Location: Various

Estimated Cost: \$3,001,500

Funding Source: State Trunkline Funds (2116)

Do the project(s) address a life/safety deficiency:

There are projects identified with Fiscal Year (FY) 2017 Special Maintenance funding that will address and mitigate potential direct and/or indirect safety deficiencies.

Project Description:

In recognition of the transportation funding crisis, the amount identified and requested for FY 2017 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.

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

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

- Structure and roof repairs
- Energy improvements including insulation and windows
- Facility exterior repairs and painting
- Facility site improvements including pavement, drainage, and fencing
- Emergency and miscellaneous renovations, maintenance, and repairs