

## **TRANSPORTATION EXPERIENCE**

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### **CATA Facility**

Matrix provided mechanical and electrical engineering for the Lansing CATA Facility, the project consisted of a complete new mechanical system consisting of a heating system, make up air system, oil burning system, carbon monoxide/hydrocarbon detection system, and pressure controls for the existing 64,000 square foot bus garage. Complete upgrade of the lighting was also completed with energy efficient lights. A design was also completed for the existing two story attached office facility to maintain a positive pressure between the office space and the bus area to prevent fumes from getting into the office space.

A new 45,000 square foot bus garage was also added to the existing bus garage that required a new HVAC system, plumbing, fire protection, power, lighting and controls system.

### **Allegan Transportation Facility**

Matrix provided mechanical and electrical engineering for Allegan Transportation Center, the building consists of office space, maintenance area, indoor vehicle wash space, indoor vehicle storage and a paved parking lot for employee and customer parking. In the office area we provided a power design, lighting design, plumbing design, heating and cooling design for the space. The maintenance bus storage area has lighting, plumbing, oil separation, heating and cooling along with carbon monoxide/hydrocarbon detection system. The total area of the building is 20,500 square foot.

### **Alma Transportation Facility**

Matrix provided mechanical and electrical engineering for Alma Transportation Center, the building consists of office space, indoor vehicle storage and a paved parking lot for employee and customer parking. In the office area we provided a power design, lighting design, plumbing design, heating and cooling design for the space. The maintenance bus storage area has lighting, plumbing, oil separation, heating and cooling along with carbon monoxide/hydrocarbon detection system. The total area of the building is 14,600 square foot.