

## RTOC Facts and Figures

### Tenants:

#### **Monroe County Department of Transportation**

- Traffic Control Center
- Traffic Signal Maintenance
- Traffic Signal Laboratory
- Highway Lighting

#### **Monroe County Airport Authority**

- Airport Operations

#### **New York State Department of Transportation**

- Traffic Operations Center
- Traffic Signal Maintenance

#### **New York State Police**

- Troop E, Zone 1 Headquarters

### Building History:

1996: Rochester Areawide Advanced Transportation Management System study, done for the New York State Department of Transportation, recommends co-location of law enforcement, emergency services, and traffic operators in a single facility. New York State Police expresses interest in partnering and relocating the Zone Headquarters.

1998: A combination of Federal, State, and local funding secured for proposed facility. Scottsville Road site selected. Monroe County Aviation Administration becomes a building partner. MCDOT agrees to lease land from the Airport.

2000: Road and site related construction begins, including relocation of the East Airport Service Road. Building design is completed. Building construction is bid and awarded using multiple contracts. Ground breaking ceremony in August. Building construction begins.

2001: Monroe County Aviation Administration becomes first occupant in September.

2002: Building construction completed. New York State Department of Transportation, Monroe County Department of Transportation, and New York State Police move into facility.

2005: First use of fiber optic cable for communications to replace coaxial cable network. Entire network's conversion to fiber optic cable was completed in 2015 through a joint agency effort.

2017: RTOC Building Rehabilitation Project Phase I project constructed. Installed LED's in parking lot lights, added weather canopy, added CO2 detection and fire door holds, improved NYSP stairwell, made roof repairs, added filtration to HVAC system.

2019: Expanded RTOC Conference Room, added kitchenette.

Currently, the RTOC directly controls 185 traffic monitoring cameras, 500 traffic signals, 75 dynamic message signs, and four Highway Emergency Local Patrol assistance trucks.

## RTOC Facts and Figures (Continued)

### Project Cost (2002 Dollars):

Land Acquisition:	\$ 1,400,000
Design and Construction Costs:	<u>\$ 9,400,000</u>
Total Project Costs	\$10,800,000

### Project Funding (2002 Dollars)

Federal Funding	\$ 2,900,000
Monroe County Airport	\$ 3,200,000
Monroe County Transportation	<u>\$ 4,700,000</u>
	\$10,800,000

Building Size: 48,350 SF

Land Area: 435,700 SF

### Overview of Building's Purpose and Functions

The Regional Traffic Operations Center is a state-of-the-art traffic management center that hosts a wide variety of traffic emergency responders under one roof. It serves as the primary traffic management center for the Greater Rochester area.

Included within the facility is a New York State Police Zone Headquarters, the Monroe County Traffic Signal Control System, the New York State Department of Transportation's freeway management system, traffic signal shops for both the County and State, the freeway system highway lighting shop, and Airport Operations. These players each contribute a different viewpoint of traffic which, when put together, form complete detection and response capabilities for both the daily routine of traffic as well as traffic incident management.

- The New York State Police are the patrolling agency for the area expressway system. Their presence brings in both incident detection and management capabilities.
- The New York State Department of Transportation manages the area freeway and primary arterial system, including pavement temperature detection, traffic signals, cameras, dynamic message signs, Highway Emergency Local Patrol, and live traffic flow detection.
- The Monroe County Department of Transportation manages the City and County arterial street network, including control and maintenance of over 630 traffic signals, 500 of which are remotely controlled and monitored from the facility. Maintenance of the Expressway Lighting system and dispatch of all County maintenance crews are also based in the facility.
- The Monroe County Airport Authority manages the runways, taxiways, and lights for the Greater Rochester International Airport. This includes weather and pavement temperature detection.

All four tenants include dispatching of transportation related emergency crews as a major function. By placing such a cross section of responders in one facility, the sharing of information is facilitated and incident response time is reduced. This joint arrangements also allows for combined dispatching during the overnight hours by a single agency. Federal and State reimbursement is provided for the operational costs of the facility.