

ROUSH®

VEHICLE EMISSIONS LABORATORY

Roush is an industry leader in providing automotive engineering and vehicle development services. Roush's technologically advanced emissions laboratory is staffed with a highly experienced team and offers a full range of exhaust and evaporative emission testing for programs including R&D, certification, and In-Use vehicle testing. With over 18 development test sites, Roush Testing and Development services support a full range of automotive and power generation applications.

www.roush.com

We're focused, we're efficient, and we're at our best when we're challenged to think outside the box — critical traits when our customers' success depends on how quickly we can take their visions from the sketchpad to the marketplace.

For more information, please [click here](#).

Our emissions laboratory demonstrates our steadfast commitment to providing our customers with comprehensive development support. Services include complete development testing, are EPA and ARB compliant, and surpass all CAP200 testing requirements with seamless access to Roush's global engineering and development resources.



TESTING CAPABILITIES

- LEVII/TierII/LEVIII/TierIII
- EPA/CARB/EU/Japanese Certification Testing
- CARB Aftermarket EO-Tailpipe and Evaporative
- Gasoline/CNG/LPG/E85/M85
- Single Roll 48" Dynamometer (100 kg to 5500 kg)
- Horiba 7000 Series Quad Bench Analyzers (1 dilute and 3 raw analyzers)
- CVS sampling system
- Motorcycle (on-road and off-road) and All-Terrain Vehicle emissions testing
- SFTP testing
- Environmental Testing (0°-120°F) with Humidity Control
- Canister Loading Station
- GC Analysis of N2O
- PM Measurement
- Real-time emission development
- Catalyst efficiency, Modal, 1 Hz data analysis
- NMOG Sampling – Alcohols and Carbonyls
- Electric vehicle testing, including low-speed and “neighborhood” vehicles
 - All-Electric Range Test - Urban and Highway
 - Net Battery Usage Determination
- Evaporative Emissions
 - VV/VT SHED, LEVII Compliant
 - 2-Day/3-Day Evap Testing
 - Point Source Running Loss
 - ORVR Refueling Testing

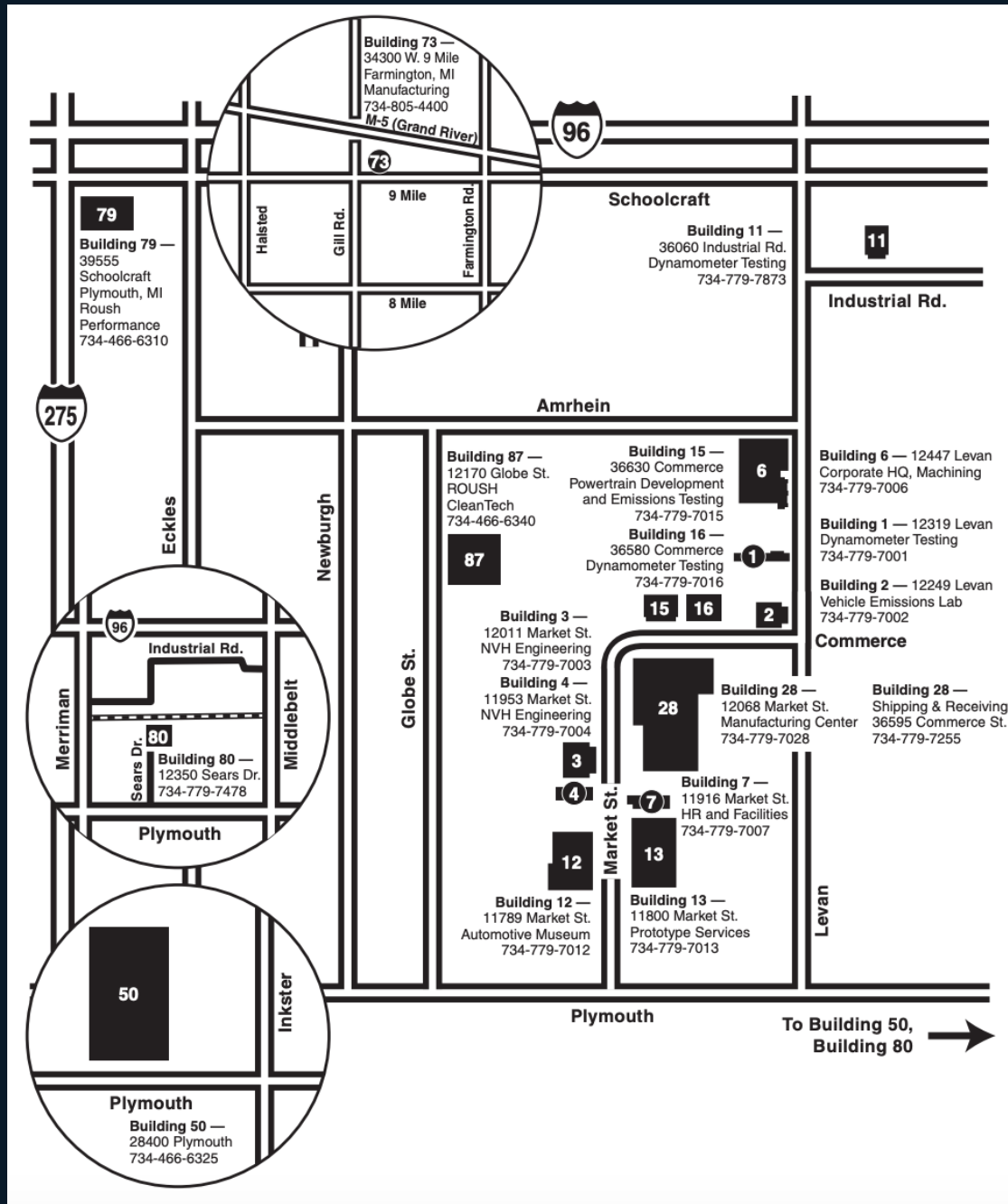
TESTING CAPABILITIES

- Mileage Accumulation
- Custom data acquisition
- On-site garage support

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Roush's Vehicle Emissions Laboratory is located in the center of Roush's Livonia, Michigan campus, with efficient, convenient access to our extensive powertrain development facilities and technical experts.



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