

# PARKING LOT MUNICIPAL

## DDOT COOLIDGE OPERATIONS AND MAINTENANCE FACILITY

14044 SCHAEFER HIGHWAY, DETROIT, MI

<b>Architect:</b>	DLZ Michigan, Inc.
<b>Concrete Contractor:</b>	Angelo lafrate Construction Company
<b>Concrete Supplier:</b>	Hercules Materials Holdings, LLC
<b>General Contractor:</b>	L.S. Brinker
<b>Other:</b>	Detroit Building Authority
<b>Project Owner:</b>	Detroit Department of Transportation

The reconstruction of the Detroit Department of Transportation's (DDOT) Coolidge Terminal was defined by the exceptional complexity of its concrete construction scope. Delivered in 2025 on an active urban site with a long and challenging history, the \$160 million project required precise planning, sequencing, and execution to meet the demands of a modern, 24-hour transit operations facility. The new terminal includes three buildings totaling more than 200,000 square feet and was designed to initially support 150 buses, with infrastructure in place to expand capacity to 250 buses in the future.

One of the most technically demanding aspects of the project was the extensive concrete pavement required across the site. Approximately 35,000 tons of concrete from the original facility were carefully recycled and reused as base material for the new pavement system, requiring close coordination between demolition, material processing, and new construction to ensure long-term performance.





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In partnership with Hercules Materials, lafrate executed a wide range of highly detailed concrete elements, including site pavement, screen wall footings, door stoops, overhead door apron slabs, equipment pads, dumpster enclosure footings, above-ground fuel tank foundations, guard shack islands, and bollard installations. Each component carried unique loading, durability, and tolerance requirements that demanded disciplined workmanship and strict adherence to specifications.

Further complicating the work, select pavement slabs incorporated embedded snow-melt systems, significantly increasing the complexity of forming, reinforcement placement, concrete pours, and overall sequencing. The team also completed concrete work within the City of Detroit right-of-way, including curbs, sidewalks, and 10-inch concrete pavement, while maintaining traffic flow and public access.

Maintaining consistent, high-quality concrete finishes across such a technically complex and logistically demanding project stands as a notable achievement and underscores the production and construction expertise required to successfully deliver a facility of this magnitude.

