

Sun Motor Cars BMW/Mercedes Benz

rsmowery.com



BACKGROUND

When choosing a design-build contractor who could complete a complex, multi-building renovation and addition project on time and on budget, Sun Motor Cars BMW/Mercedes Benz knew Mowery was the team to call.

LOCATION Mechanicsburg, PA

ARCHITECT Mowery
Design-Build

DELIVERY
METHOD Design-Build

MARKET Auto Dealerships

SIZE Mercedes Benz:
5,200 SF addition

BMW:
2,000 SF addition





CHALLENGES

When designing and building new auto dealerships and service centers, unique challenges arise. However, for Mowery, the Sun Motor Cars BMW/Mercedes Benz project was one of the most challenging projects to date because of the following:

- Both the BMW and Mercedes Benz facilities had to remain in full operation during construction.
- Even though the BMW and Mercedes Benz projects each had their own scopes and design constraints, they had to be coordinated as one project for the client.



- Both building renovations and additions were completed at the same time. If any setbacks occurred, it created a domino effect for the other project.
- To reduce the impact on business, the Mowery team had to work under a tight timeline.
- Tie-ins had to be closely monitored and small leaks were identified throughout the project.
- Even though the same colored ACM panels were used, due to weathering, there was a distinct difference between the new exterior and the old exterior.
- Fragile materials, which Mowery had limited experience working with, were implemented into the buildings. This included 13'3" tall curtain wall glass and a fully custom glass staircase system, which featured glass treads and railings.
- Utility lines caused obstacles during the construction of the Mercedes Benz dealership and service center.



SOLUTIONS

At Mowery, we will overcome any challenge thrown our way to provide our clients with a remarkable construction experience. To ensure the Sun Motor Cars BMW/Mercedes Benz project was completed on time and on budget, our team did the following:

- To keep both the BMW and Mercedes Benz facilities open during construction, Mowery developed detailed construction plans, communicated regularly with the client, worked after hours and put up temporary partitions to section off work areas to reduce the amount of noise and dust that would travel into areas where business was still operating as usual.
- Because BMW and Mercedes Benz employees and customers were on-site during construction, additional safety measures had to be implemented. Mowery added signage throughout the construction side to direct BMW and Mercedes Benz employees and customers away from the construction area.
- Each project schedule was managed closely by the project manager to ensure Mowery did not derail from the set timeline.



- In order to better manage quality control of this project, the Mowery team utilized PROCORE software. This construction technology allowed the team to make observations, document deficiencies, and assign team members to correct any issues. With this process, no quality control items fell through the cracks.
- To address the differing exterior panel colors due to weathering, team members refaced the front side of the building only. The corner of the building was able to hide the difference in ACM color from one elevation to the next.
- When utility lines got in the way of construction, Mowery quickly coordinated with the local utility company to get the issue resolved and construction back on track.
- Keeping both the BMW and Mercedes Benz facilities in full operation during construction, Mowery was able to provide the client with an additional 7,200 square feet of showroom and service center space.





RESULTS

Due to Mowery's meticulous planning and collaboration throughout construction, Sun Motor Cars BMW/Mercedes Benz saw no impact on their business during construction. The final build provides improved showrooms and amenities for BMW and Mercedes Benz clients as well as a dedicated car delivery/hand off location. After construction was complete, the business saw sales soar. Additionally, by tuning the new HVAC system to work with the current system, Mowery only added what was truly necessary for the new addition, which saved the client thousands of dollars. To top it off, the project was completed on time in just 12 months.

After construction was complete, Sun Motor Cars BMW/Mercedes Benz saw **SALES SOAR.**



Let Mowery bring your next
auto dealership or service
center project to life.

Contact us today to learn more!

MOWERY

1000 Bent Creek Blvd., Mechanicsburg, PA 17050
p 717.506.1000 | rsmowery.com

