

VERONA ROAD FEATURES POSITIVE ENVIRONMENTAL IMPACTS

Collaborating with the Wisconsin Department of Natural Resources, the Verona Road Stage 1 project team prepared a materials handling plan for the low-level petroleum-contaminated soils that were found throughout the corridor. This allowed the material to be excavated and stockpiled as part of the first stage of construction and then later used within the roadway embankment fills. The ability to reuse the materials onsite reduced the cost of hauling to a landfill, while maintaining public safety.

To alleviate the area flooding, two stormwater detention basins and two bioretention basins were installed, which provide a total suspended solids reduction of 40-plus percent in the project area, ultimately improving water quality of the adjacent wetlands. The implemented drainage design will also provide a viable emergency access route through the area even during heavy rainfall of up to a 50-year storm event.

Collaborating with the UW-Arboretum and the City of Madison, the project team prepared the design for a silt and debris collector that was constructed between Seminole Highway and Todd Drive along the westbound Beltline. The silt and debris collector will greatly reduce contaminants from the Beltline and adjacent local streets from entering the environmentally sensitive UW-Arboretum. The City of Madison will maintain the silt and debris collector and the design included a wider shoulder along the westbound Beltline to accommodate City of Madison equipment to properly maintain the collector.



Silt and Debris Collector

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