
To:	Mr. Daniel E. Kaseman, P.E. Transportation Engineer, ODOT District 2	From:	Nicholas M. Goodman, PE Stantec Consulting Services, Inc.
File:	HEN-108-17.40 BMP Design Memo	Date:	June 21, 2022

Reference: HEN-108-17.40, Stage Two BMP Design Memo

HEN-108-17.40, PID 110867 is a safety project located in Henry County Ohio, along SR 108 (Scott Road) at US 24. This project involves the construction of a roundabout at the US 24W Ramps, and improvements will include pedestrian facilities in the vicinity of the intersection and along SR 108, roundabout lighting, drainage, traffic control and drive improvements.

This project has a total earth disturbed area (EDA) of 2.99 acres and will require post construction BMP's. The calculated treatment percentage for this project is 20.00% of the EDA equaling 0.60 acres. Water quantity treatment is not required because there is less than 1.0 acre of new impervious area created in new permanent right-of-way, per Location and Design Manual, Volume 2, Section 1111.3.

This project will use a vegetated biofilter as post construction BMP's. The attached calculation sheets and project site plan show the locations of each. The total area treated with the anticipated BMP's is 1.28 acres which meets the required 0.60 acres.

Stantec Consulting Services, Inc.



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Attachment: Attachment

c. file