



PROJECT

Mentor Marsh Interceptor Replacement

LOCATION

Mentor, OH

OWNER

Lake County Utilities

CONTRACTOR

Mark Haynes Construction

ENGINEER

CT Consultants, Inc.

INSTALLATION DATE

March-May 2018

PROJECT DETAILS

Temporary heavy use (max axle load = 25 kips) construction haul road needed for completion of Mentor Marsh Interceptor sewer replacement project. Tensar recommended a design solution of 18" of size 1 and 2 aggregate on top of TX190L Geogrid with a 4 oz. non-woven geotextile underneath to prevent migration of fines from subgrade into the stone layer.

Additionally, TX160 was used in conjunction with TX190L as part of a double layered design over parts of the project area with CBR<1%.

Haul road and geogrid removed after construction and wetland area returned to its original condition.



PRODUCT

TriAx® TX190L Geogrid
17,700 square yards

TriAx® TX160 Geogrid
4,300 square yards

IN PARTNERSHIP WITH:

PS Construction
Fabrics, Inc.
"Contractors in Geotextiles and Pavement Maintenance"

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CASE STUDY

Tensor®

