



Norwich Western Link

Environmental Statement

Chapter 10: Biodiversity

Appendix 37: Solar Exposure Analysis

Sub Appendix C: Illuminance Assessment

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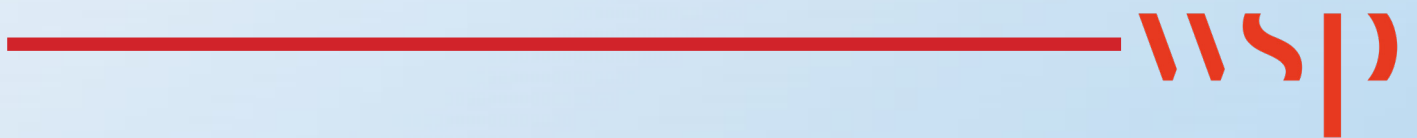


1 Introduction

- 1.1.1 This document presents a series of figures showing the outputs of the Illuminance modelling analysis for the permanent viaduct structure and associated temporary works. The figures show the modelled Seasonal and Annual Illuminance for multiple scenarios including: Baseline Scenario; Temporary Works Scenario; Temporary Works to Baseline Ratio; Temporary Works and Permanent Structure Scenario; Temporary Works and Permanent Structure to Baseline ratio; Permanent Structure Scenario; and Permanent Structure to Baseline Ratio.
- 1.1.2 We have included a summary of key information shown in this document in an accessible format in section 1.1.1. However, some users may not be able to access all technical details that are included in the rest of this document. If you require this document in a more accessible format, please contact norwichwesternlink@norfolk.gov.uk

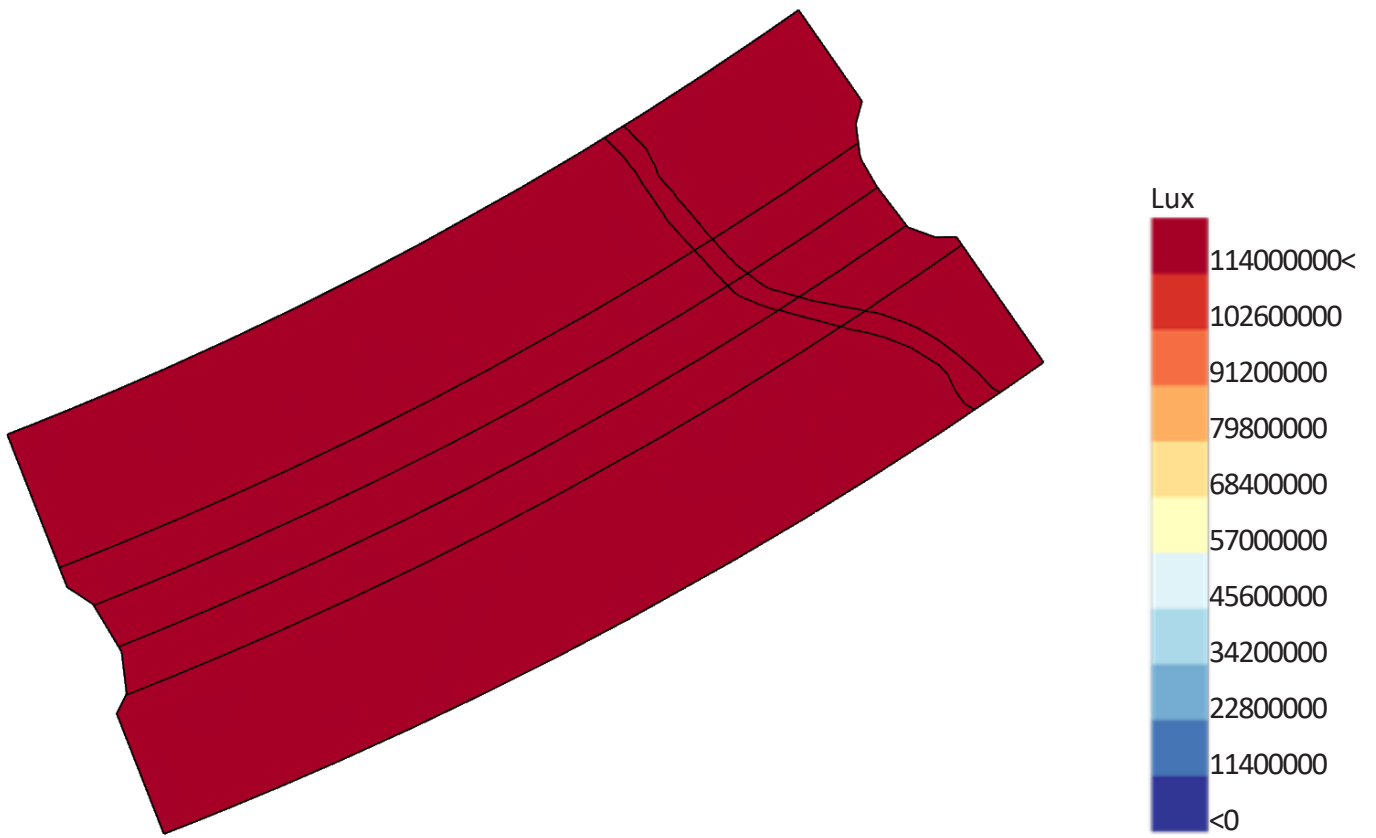
Appendix C

Illuminance Assessment

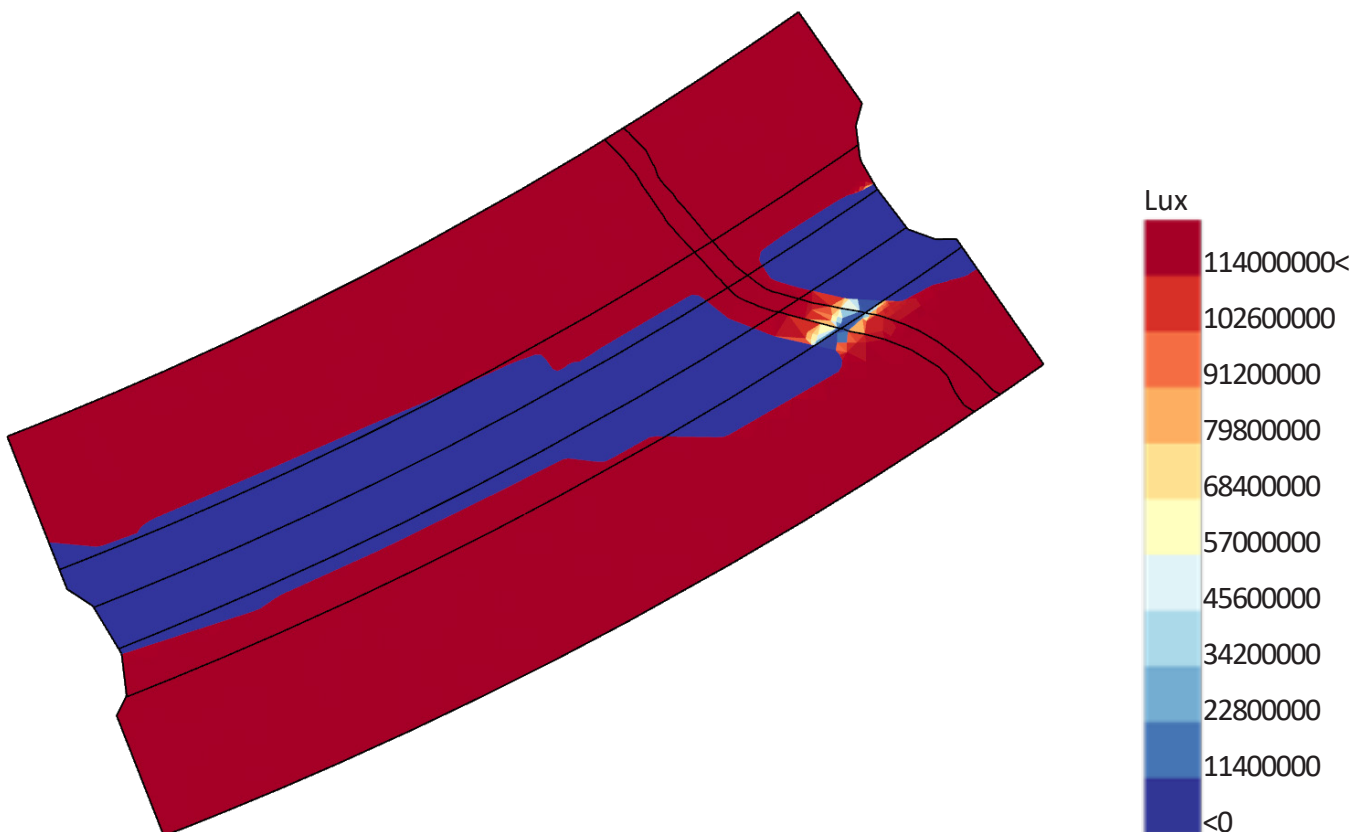


C.1 Seasonal Results

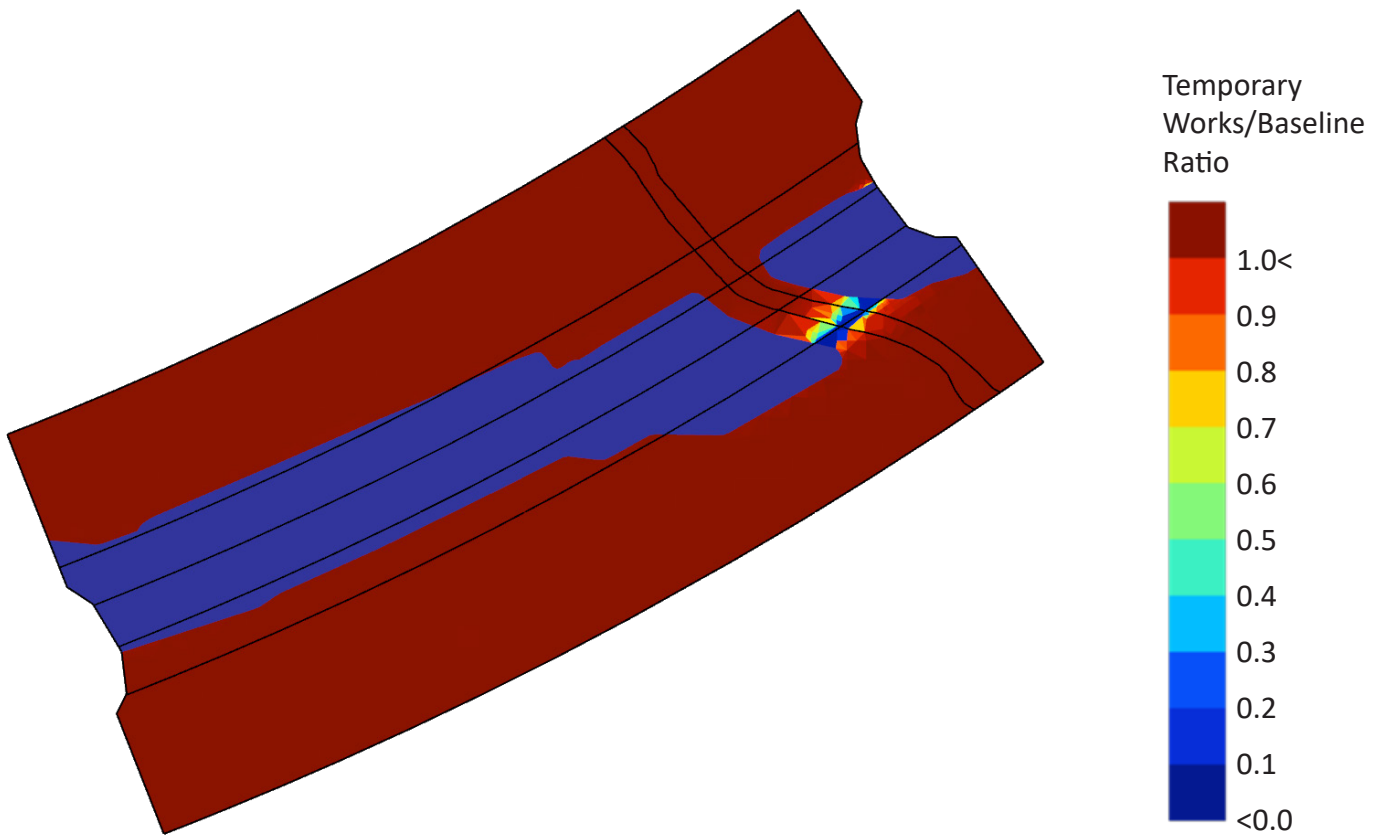
Baseline Scenario



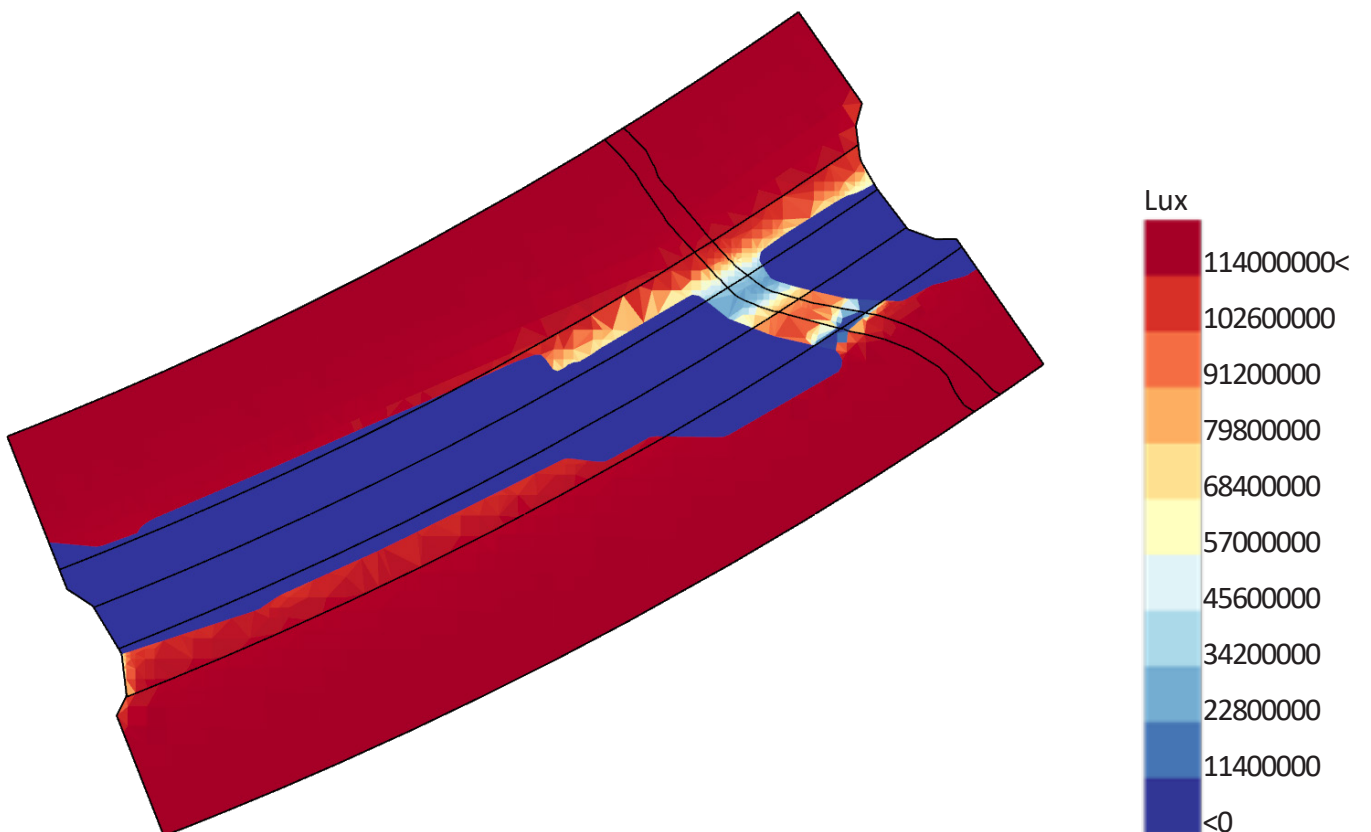
Temporary Works Scenario



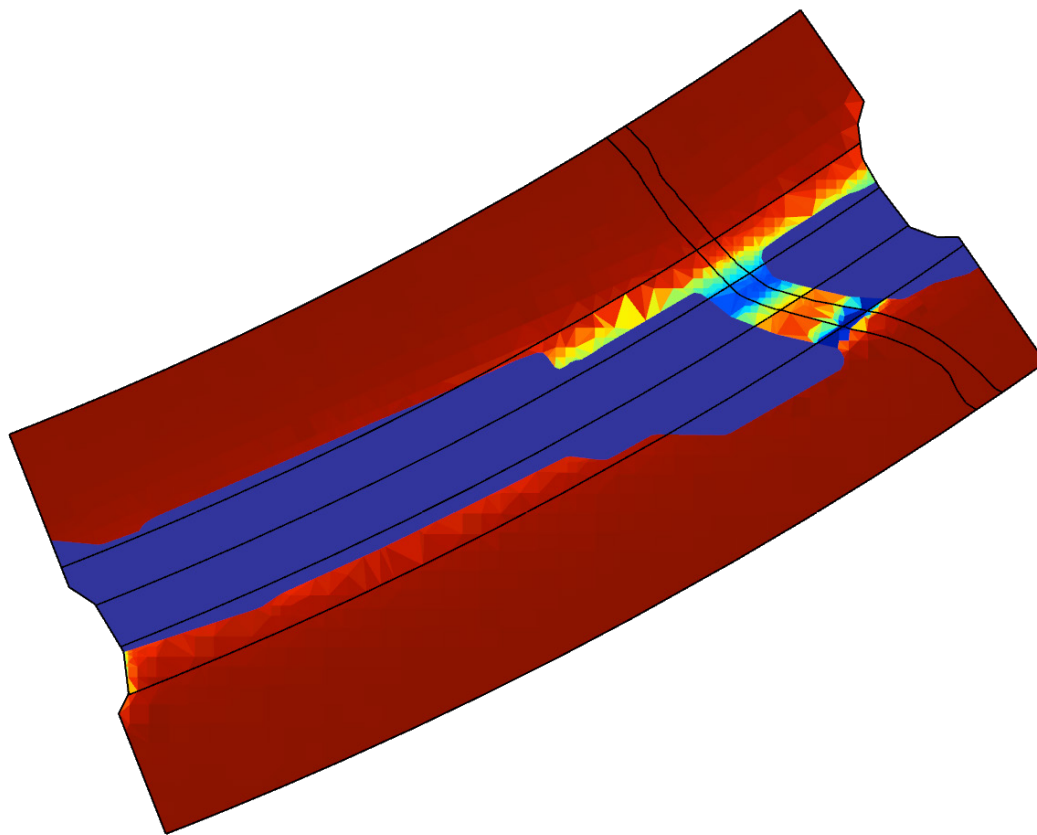
Temporary Works to Baseline Ratio



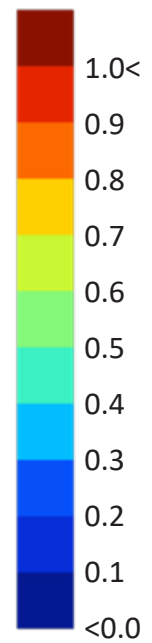
Temporary Works & Permanent Structure Scenario



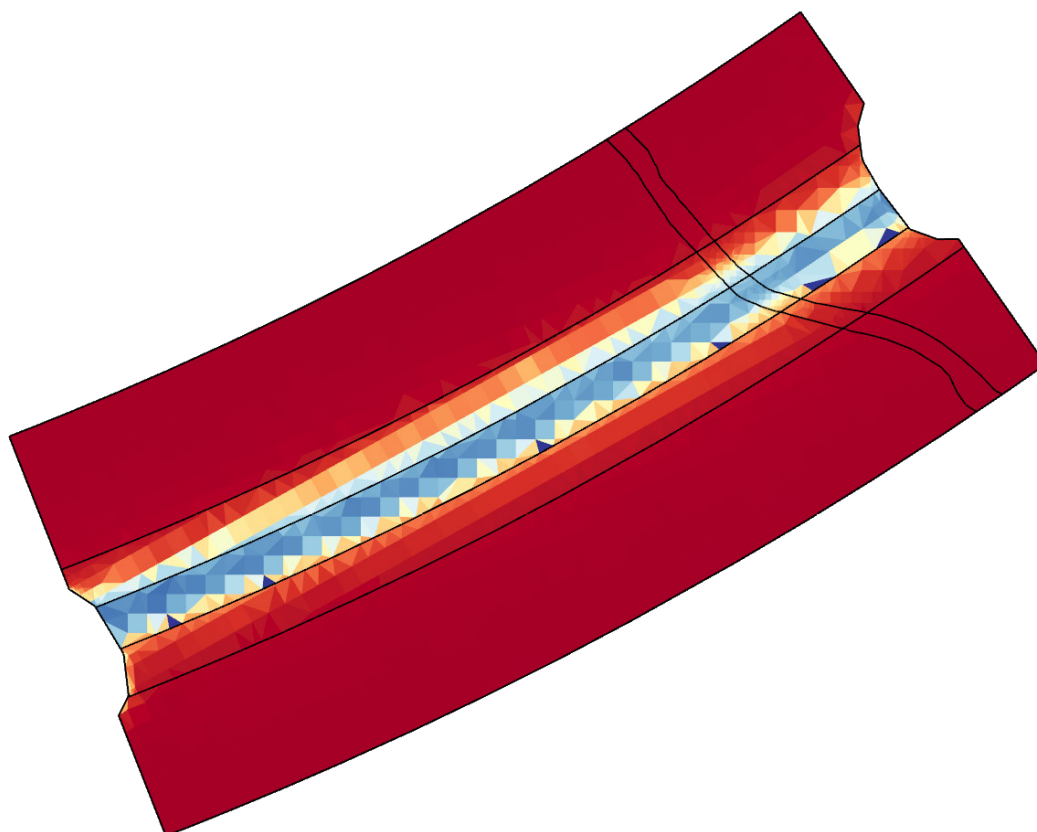
Temporary Works & Permanent Structure to Baseline Ratio



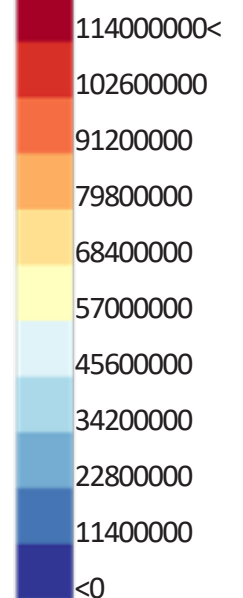
Temporary Works & Permanent Structure/
Baseline Ratio



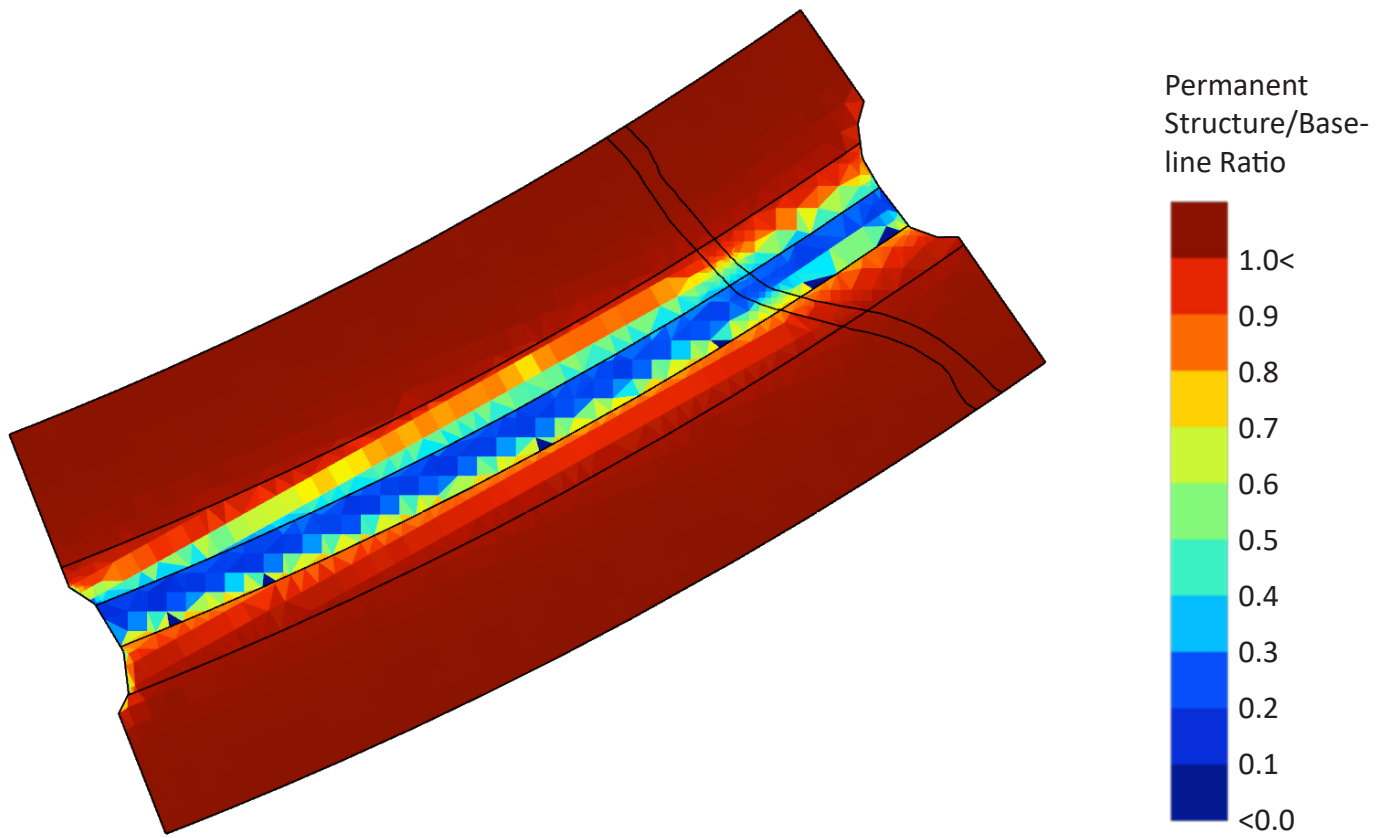
Permanent Structure



Lux

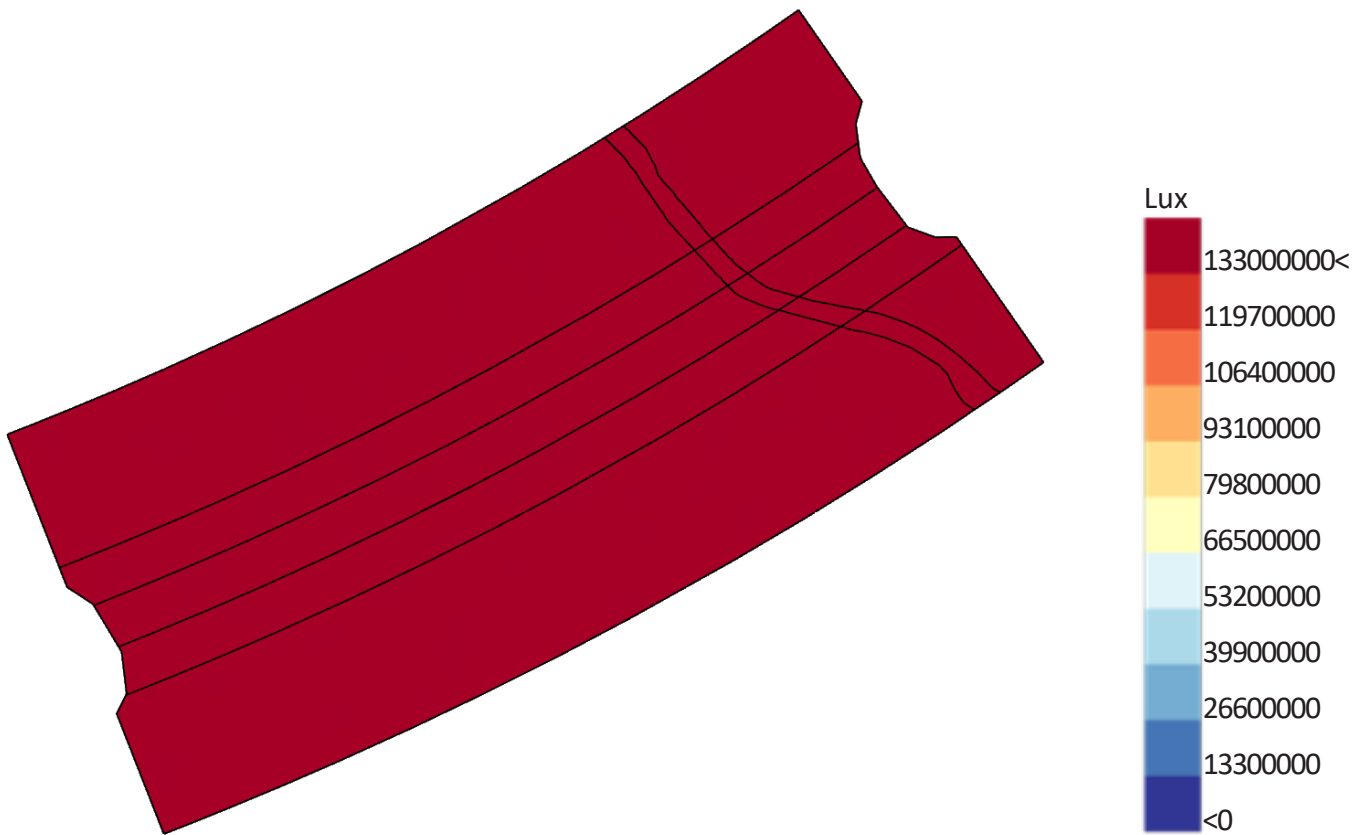


Permanent Structure to Baseline Ratio

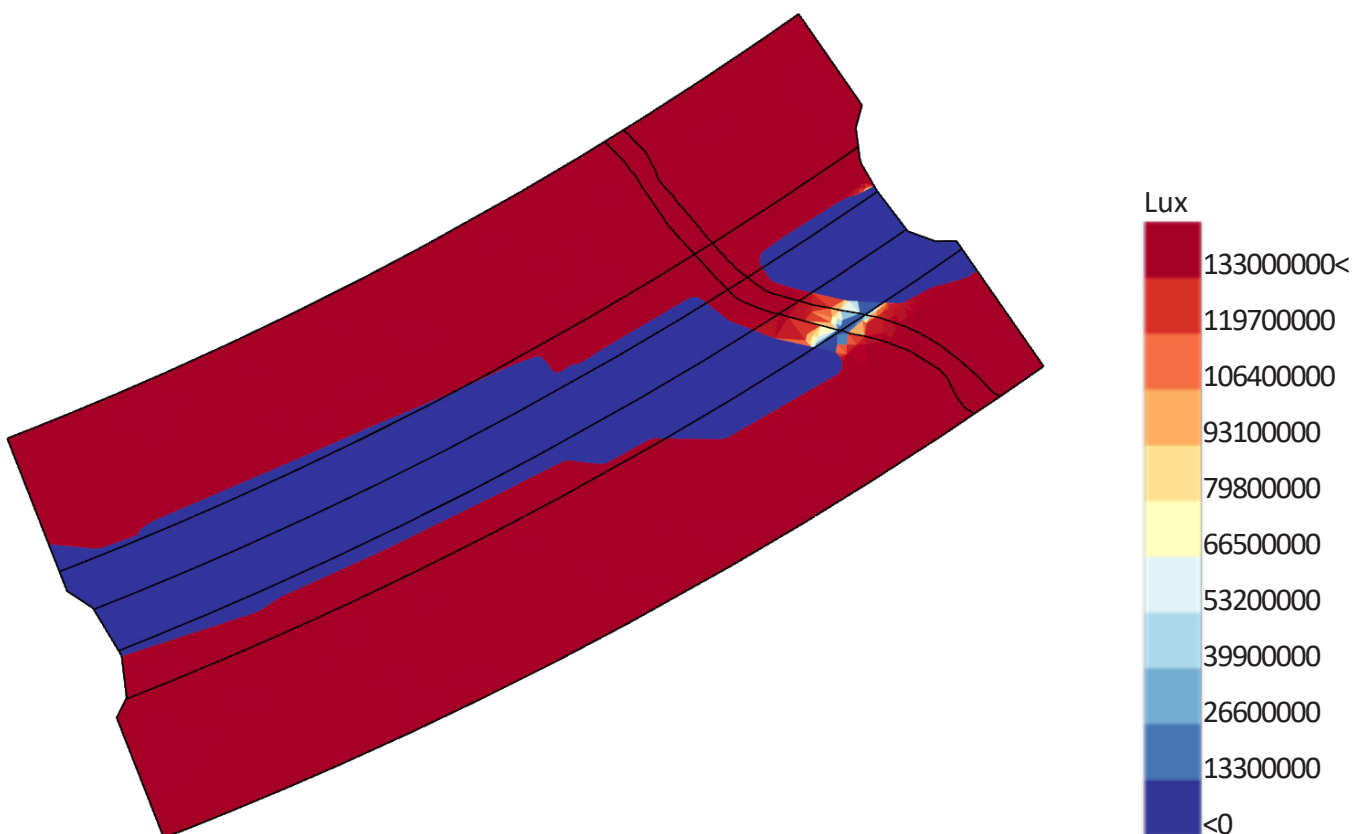


C.2 Annual Results

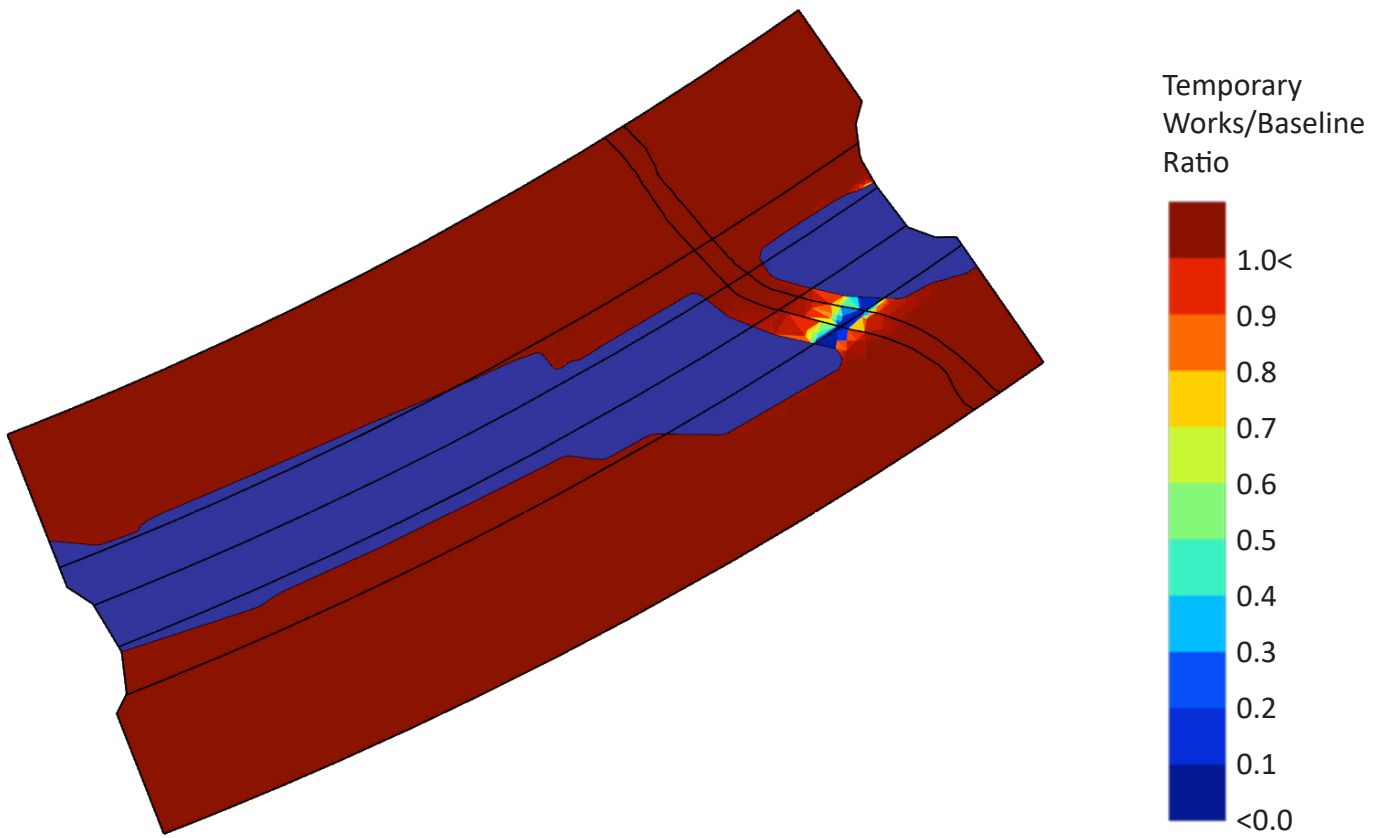
Baseline Scenario



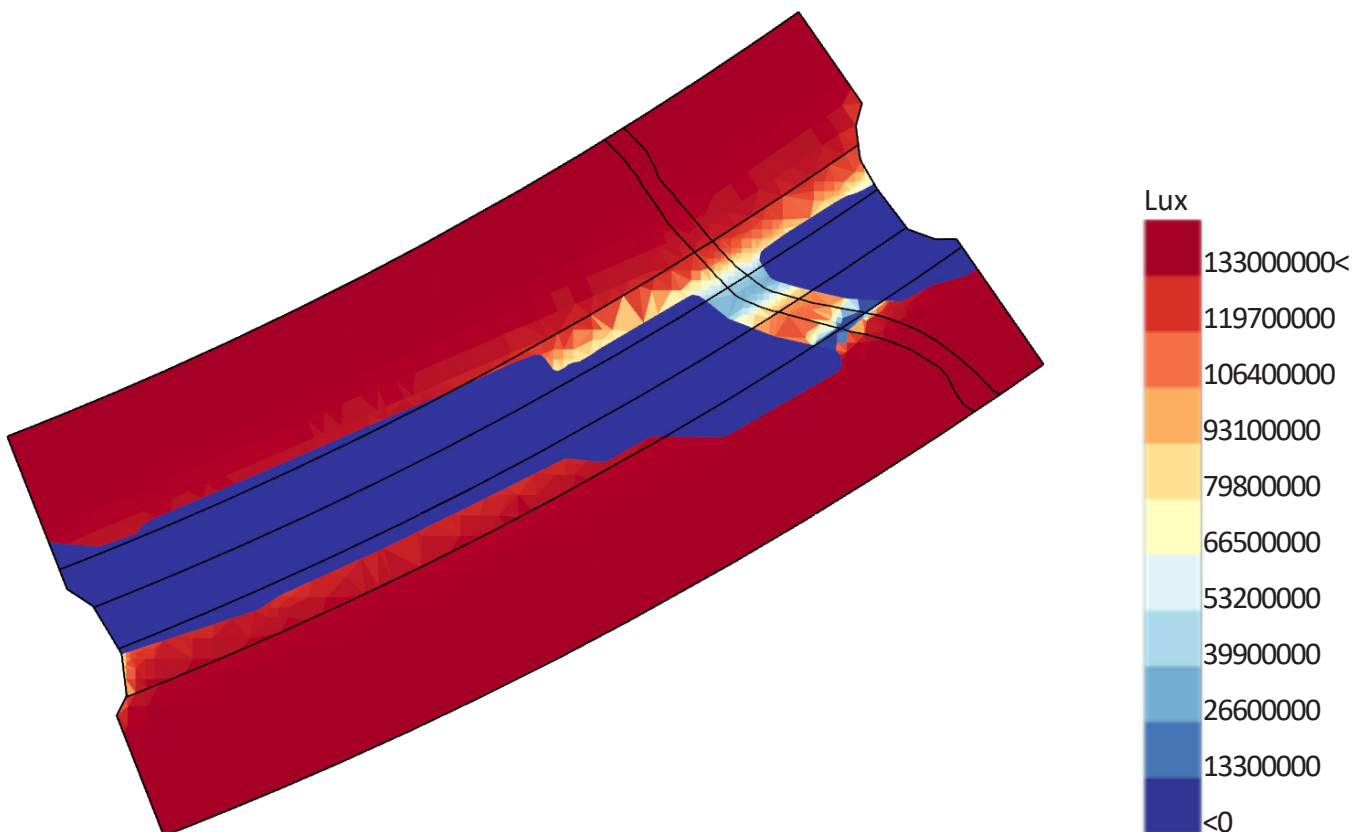
Temporary Works Scenario



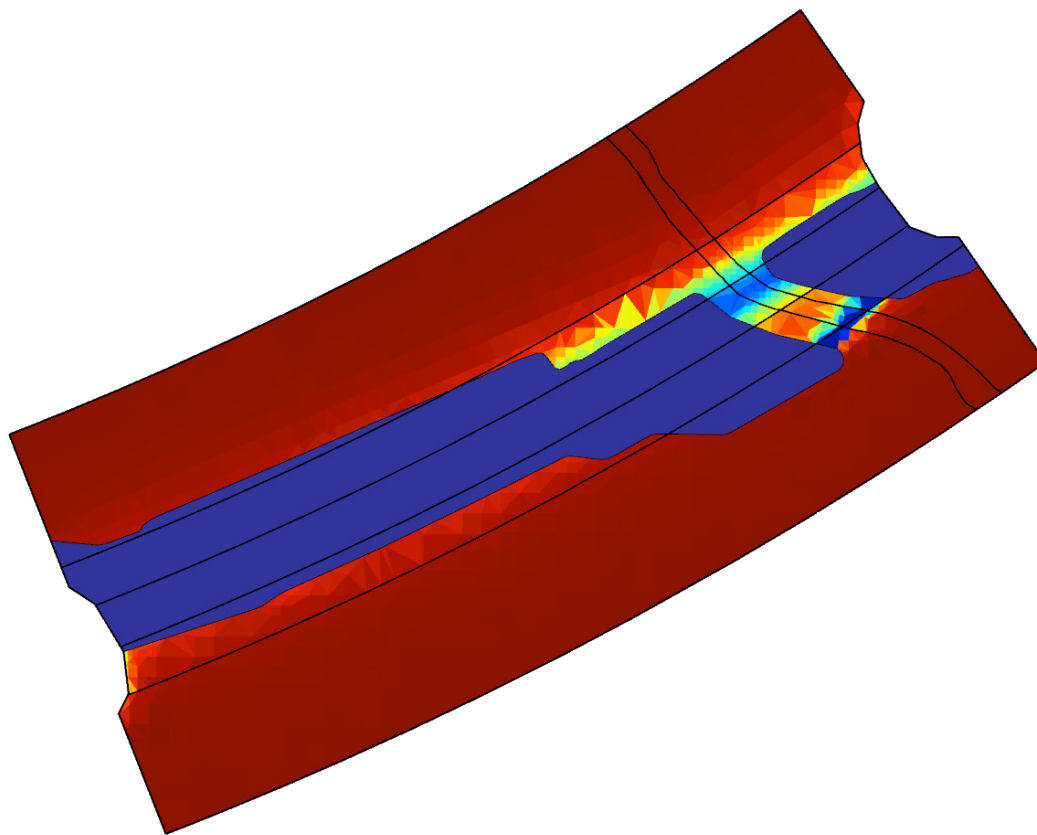
Temporary Works to Baseline Ratio



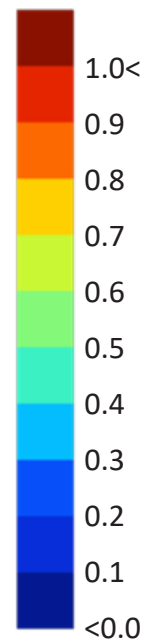
Temporary Works & Permanent Structure Scenario



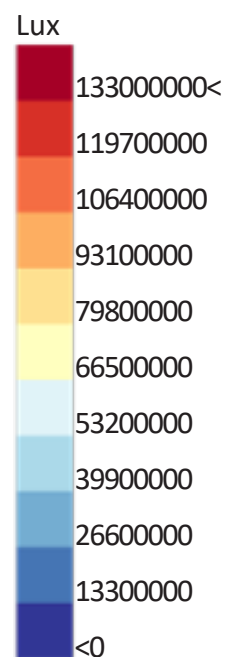
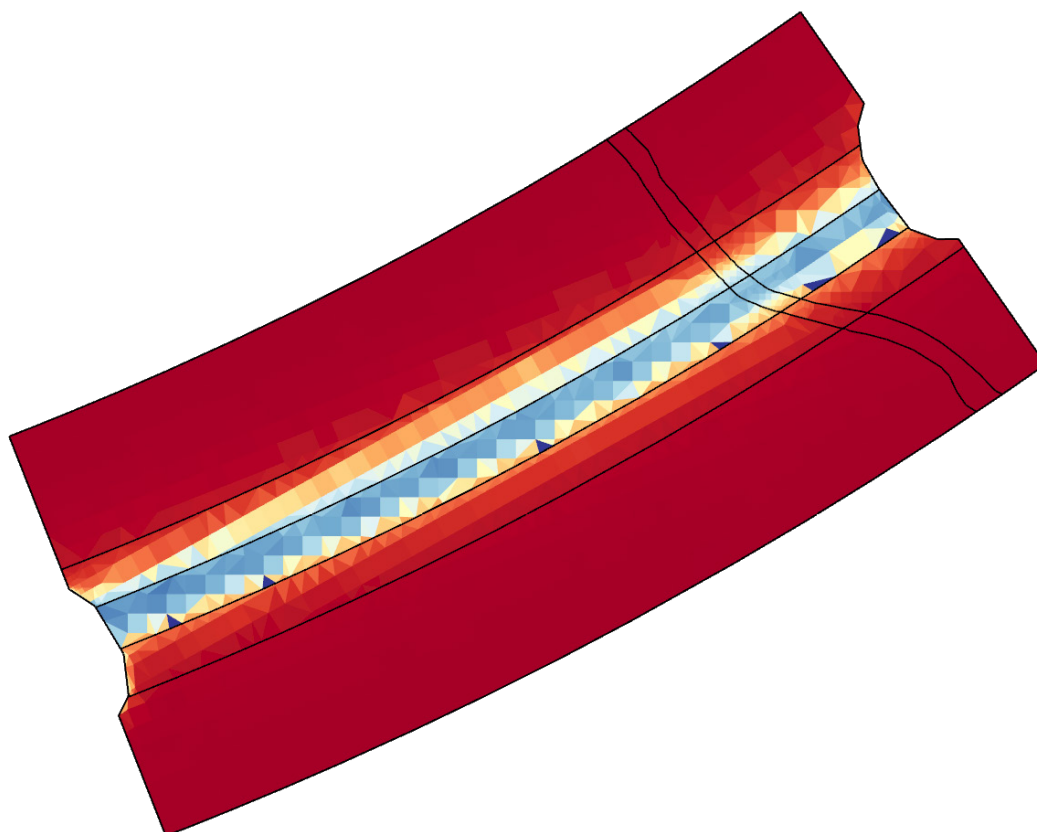
Temporary Works & Permanent Structure to Baseline Ratio



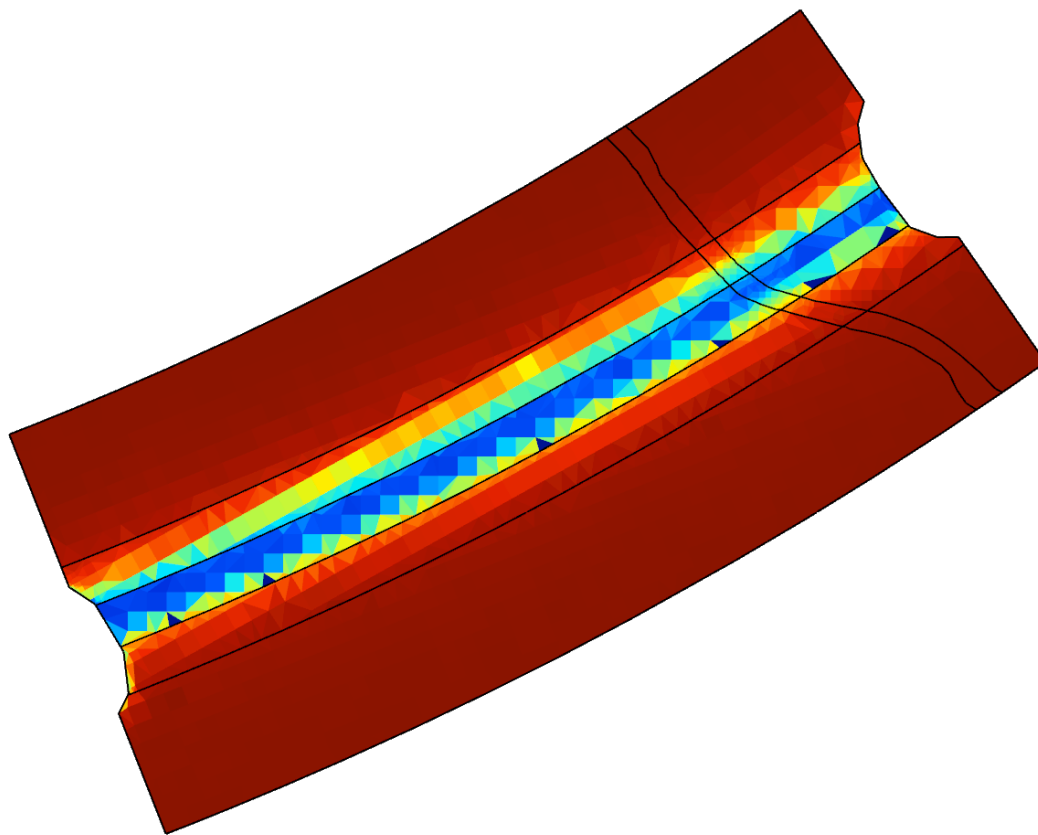
Temporary Works & Permanent Structure/
Baseline Ratio



Permanent Structure



Permanent Structure to Baseline Ratio



Permanent Structure/Base-line Ratio

