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| Book Name: | [**Engineering Research: Perspectives on Recent Advances**](https://www.bookpi.org/bookstore/product/engineering-research-perspectives-on-recent-advances-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5495** |
| Title of the Manuscript: | **Portland Limestone Cement in Concrete Pavement and Bridge Decks: Performance Evaluation and Future Directions** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Buildings, 15(5): 660, 2025.**

**Available:** [**https://doi.org/10.3390/buildings15050660**](https://doi.org/10.3390/buildings15050660)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | Its purpose is to address the increasing use of Portland Limestone Cement (PLC) as a sustainable material for concrete pavements and bridge decks. It presents a more comprehensive assessment of the mechanical and durability properties of PLC concrete with experimental and field data. It contributes to the development of low-carbon construction technologies that are of significant importance to both academia and industry. The results are timely and highly relevant especially for transportation infrastructure planning and life cycle assessment. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title is appropriate and reflects fully the nature and scope of the manuscript. |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract is well-written and informative, but the conclusion might be better off mentioning briefly the practical implications or the possible future application of the work. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes the manuscript is scientifically sound It has clearly stated objectives, a reasonable methodology and intelligible results The discussion is balanced and well supported by data. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Yes, it is clear that the references are sufficient (and recent) and no further references are asked. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes the manuscript is written in good academic English and ready to be published. |  |
| Optional/General comments | It also adds to the overall appeal of the manuscript. Tables summarizing key performance indicators of the PLC may help a reader to quickly review the information. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**S. M. Tahmidur Rahman, Bangladesh**