

### Review Form 3

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
Manuscript Number:	Ms_JERR_130059
Title of the Manuscript:	Research on the Pylon of an Irregular Low-pylon Cable-stayed Bridge
Type of the Article	Original Research Article

#### **PART 1: Comments**

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	When the paper discusses the research progress of low-tower cable-stayed bridges, although it summarizes the research results in many aspects, it fails to deeply analyze the internal connections and mutual influences between these results. It is recommended that the author strengthen the discussion on this aspect in subsequent research.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes	
Is the manuscript scientifically, correct? Please write here.	The paper is not detailed enough.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No. The reference is too old and needs to be updated	

**Review Form 3**

<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p><b>Yes</b></p>	
<p><b>Optional/General</b> comments</p>	<p><b>As an academic article, more discussion details need to be given</b></p> <p>1. The paper mentions that as an emerging bridge type, the low-tower cable-stayed bridge has been widely used in bridge engineering both domestically and internationally. In what specific aspects does the low-tower cable-stayed bridge demonstrate superiority compared to traditional cable-stayed bridges and continuous girder bridges?</p> <p>2. The author discusses the diversity of tower forms in low-tower cable-stayed bridges, including single-column, double-column, portal, and other types. In practical engineering applications, how should the appropriate tower form be selected based on specific needs and conditions?</p> <p>3. Other scholars have studied the influence of different tower heights, lengths of cable-free zones, and side-to-middle span ratios on the load effects of key parts of the main girder. What impact do changes in these parameters have on the overall mechanical performance of low-tower cable-stayed bridges? Further discussion is needed.</p> <p>4. When studying the influence of tower form on the mechanical performance of low-tower cable-stayed bridges, was the impact of different tower forms on the bridge's dynamic characteristics considered?</p> <p>5. When researching steel-concrete composite bridge towers, the paper mentions the importance of local stress research. How should the local stress analysis of steel-concrete composite bridge towers be conducted? More details on this part need to be discussed.</p>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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