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Table 1. An example of discrepancies in existing ranking methods.

Note: P i = Project i; FI = Fatal and injury accidents reduced; TOT = Total accidents reduced; CC = Construction cost;

SB = Safety benefit; CE = Cost effectiveness; CE\_EPDO = Cost effectiveness equivalent-property-damage-only;

BC\_ratio = Benefit cost ratio; NB = Net benefit; AHP = The proposed fuzzy-AHP model.

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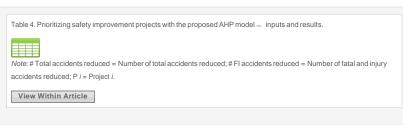




Table 6. Implementation plans for the illustrative case within different budgets.

Note: P i = Project i.

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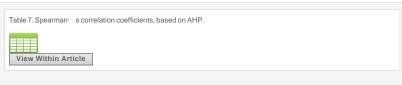


Table 8. Summary of sensitivity analysis of ranking results on AADT.

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