

NH-44 Kanha–Pench Wildlife Underpasses — Camera-Trap Verified Tiger Corridor (Madhya Pradesh, India)

PES & Nature-Based Solutions · Good practice · India

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

Nine underpasses beneath NH-44 through Pench Tiger Reserve, including two 750 m structures, recorded 468 camera-trap images across 15 species in a 90-day Wildlife Institute of India study, with over ten tigers documented using the crossings to keep the Kanha-Pench corridor open.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	3/3
Water & soil — retention, infiltration, erosion control	0/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-04

[Wildlife Institute of India \(WII\); National Highways Authority of India \(NHAI\)](#) — accessed 2026-09-04

[NTCA/WII: NH-44 \(NH-7\) Underpass Monitoring Report, 2020](#) — accessed 2026-09-04

[The Better India: How India's First Dedicated Underpass for Wildlife Was Built](#) — accessed 2026-09-04

[Rathore et al. 2012, PLoS ONE \(corridor connectivity study\)](#) — accessed 2026-09-04

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