

Houston's Bus Network Redesign (2015) — Grid Network, Weekend Gains and Early Weekday Losses

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Quality score: 71/100

Evidence strength: Strong

Summary

On 16 Aug 2015 Houston METRO replaced hub-and-spoke bus routes with a frequent grid, with no added operating budget. Sunday ridership rose ~20–30% and 95% of residents live within 1/4 mile of frequent service, but weekday local-bus boardings fell in the first year.

Key dimensions

Dimension	Score
Evidence of impact / measured results	1/3
Transferability / demonstrated replication	3/3
Scalability	3/3
Sustainability / continuity	2/3
Innovation	2/3
Inclusiveness / equity	2/3
Multi-stakeholder collaboration	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-10-05

[METRO \(Metropolitan Transit Authority of Harris County\)](#) — accessed 2026-10-05

[NACTO — Metro Bus Network Redesign, Houston](#) — accessed 2026-10-05

[Rice Kinder Institute — Houston revamped its bus network and ridership is down](#) — accessed 2026-10-05

[Streetsblog USA — Ridership on the upswing](#) — accessed 2026-10-05

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