

Multimodal methods in the Highway Capacity Manual

Applications and Use Cases of HCM7 to Support Complete Streets Analysis



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Questions for the panelists

Q&A

Only show unanswered questions

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Upvotes



Question asked	Slide		
Are micromobility methods contained within the biking group?	TRB Session 2123	Question was answered	24
Identifying Research Needs: From your perspective, which elements require additional research and validation?	How to access the poll?	Question was answered	16
Exploring Diverse Approaches: How can we effectively employ the HCM, LTS, and other methods for multimodal analyses across various applications? What insights can be drawn from HCM and LTS?	How to access the poll?		15
User-Centric Considerations: The HCM focuses on the average traveler, compared to the user types in the LTS approach. Should the HCM now incorporate user types, and how can these be defined?	How to access the poll?		13
Bridging the Divide: How can applications and case studies facilitate connections between practical implementations, the research community, policy makers, and the public?	How to access the poll?		11
Exploring Safety and Service Quality Perceptions: To what extent are perceptions of safety and comfort/quality of service correlated?	How to access the poll?		11

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Question asked

Slide

Addressing Data Requirements: Which attributes could be simplified in the HCM, especially when challenging to gather for most agencies? What are the essential components to incorporate in LTS?

How to access the poll?

11

Has the 16 hr efficiency metric been applied in any of your projects, or projects that you know of? If so, what were the results and how was reception of this shift in thinking?

What are your main concerns regarding active-mode indicators? Check all that apply

10

How can LTS be incorporated into HCM future editions, and potentially combined with the existing BLOS?

What are your main concerns regarding active-mode indicators? Check all that apply

10

Will there be any guides in the HCM around how traffic signal timings should be designed and optimized for pedestrians and bicycles?

For which analyses do you use active modes performance measures? Check all that apply

7

Context-based Design Criteria: Should the implementation of multimodal approaches depend on context classification? How?

How to access the poll?

6

How does being overcapacity during the peak hour impact the network? Is there a concern of gridlock?

For which analyses do you use active modes performance measures? Check all that apply

5

I wonder if the threshold for LTS 1 for crossings as presented, is inclusive of the senior populations or persons with mobility impairment. Asked in

What are your main concerns regarding active-

3

Questions for the panelists

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Question asked

Slide

I wonder if the threshold for LTS 1 for crossings as presented, is inclusive of the senior populations or persons with mobility impairment. Asked in terms of crossing/exp time as a confidence factor?

What are your main concerns regarding active-mode indicators? Check all that apply

3

How can we quantify mode shift as we think about the traffic analysis aspect of the evaluation?

For which analyses do you use active modes performance measures? Check all that apply

3

What do you think major hurdles would be to have jurisdictions shift from peak hr to all-day analysis? Is there critique/feedback you have gotten on this methodology?

Which elements are important when assessing perceptions of quality of service of active modes?

2

Will e-bikes minimize steepness stress?

For which analyses do you use active modes performance measures? Check all that apply

2

What would be the most important measure to shift car travelers to public transport or active modes?

For which analyses do you use active modes performance measures? Check all that apply

2

What are some trade offs considered to keep the simplicity in data requirement and easiness of use while integrating multimodal methods?

For which analyses do you use active modes performance measures? Check all that apply

2

Questions for the panelists

Q&A

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Upvotes



Question asked	Slide	Upvotes
Am I the only one who's lost?	Where do you come from?	2
Do you arguments or data to combat the push back that comes from increased vehicle emissions from narrowed roadways or vehicular delay/ LOS C-F?	What are your main concerns regarding active-mode indicators? Check all that apply	1
Is there a path from the Roadway inventory data (MIRE) that FHWA will require in 2026 to automate an estimate of LTS for the network and crossings?	Which elements are important when assessing perceptions of quality of service of active modes?	1
How do you handle the perception of LOS when talking about multimodal needs. For vehicles LOS C is acceptable and standard. But for pedestrians LOS C may not be acceptable	Where do you come from?	1
Do you have thoughts on arguments,, data, data to support decision making on maintenance of narrowed cross sections?	What are your main concerns regarding active-mode indicators? Check all that apply	0
Is there a future NCHRP study that will standardize LTS?	Which elements are important when assessing perceptions of quality of service of active modes?	0
Now that the map is mostly red from LTS, how does a roadway owner with limited bandwidth prioritize a fully red map?	Which elements are important when assessing perceptions of quality of service of active modes?	0

Questions and Contact Information



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