

Quarterly Project Report

Center for Transportation Studies

Project Title: National Accessibility Evaluation Phase II

Quarter: July 01 - September 30, 2024

CTS Project # : 2021045

Contract # : 1036342

Work Order # : 6

Project Authorization Date : 2/1/2021

Project Expiration Date : 12/31/2025

Principal Investigator

Eric Lind

Center for Transportation Studies

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Funding Source(s):

State Pooled Funds

State Pooled Funds

Co-Investigator: Owen, Andrew

AL: Leif Halverson

AL: Hafiz Munir

TL: Deanna Belden

CTS PL Annette Fritze

Task Update:

1 Program Management and Development

The project team will maintain and update the project website, coordinate media relations for national report releases, and arrange for quarterly meetings (three conference calls and one in-person meeting held each year) of the technical advisory panel (TAP). CTS will maintain a TAP membership list, invite TAP members to the meetings, develop meeting agendas, and distribute minutes of the meetings. CTS will also assist with the preparation of quarterly reports that will be presented at each TAP meeting. In consultation with the TAP, the project team will identify opportunities to enhance the project by improving existing deliverables or adding new deliverables.

Deliverables : Quarterly reports summarizing TAP communications, activities, and meeting materials.

Task Budget : \$199,865.00

Task Due Date : 12/31/2025 (Calculated)

Date Delivered :

Date Approved : (CTS received task approval)

Task Approved : No

Progress:

% Task Complete: 70

2 Produce 2020 Datasets and Reports

The research team will collect up-to-date network and speed datasets for 2020 describing the transportation networks in the study area, as well as destination counts at the block level. These will be used to calculate accessibility datasets representing typical conditions in 2020. The research team will prepare reports summarizing and describing accessibility patterns in the jurisdictions of each project partner, as well as a single national "Access Across America" report for each mode. The research team will provide the participating agencies a copy of the national reports at least four weeks in advance of their being released to the public. Local reports and datasets will be delivered directly to project partners, and the national report will be published and publicized to national media outlets.

Deliverables : Accessibility datasets delivered to project partners. National "Access Across America" reports published by the University of Minnesota; local reports delivered to each project partner.

Task Budget : \$317,226.00

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Task Update:

Task Due Date : 11/30/2021 (*Calculated*)
Date Delivered : 3/31/2023
Date Approved : 3/21/2023 (*CTS received task approval*)
Task Approved : Yes
Progress:

% Task Complete: 100

3 Produce 2021 Datasets and Reports

The research team will collect up-to-date network and speed datasets for 2021 describing the transportation networks in the study area, as well as destination counts at the block level. These will be used to calculate accessibility datasets representing typical conditions in 2021. The research team will prepare reports summarizing and describing accessibility patterns in the jurisdictions of each project partner, as well as a single national "Access Across America" report for each mode. The research team will provide the participating agencies a copy of the national reports at least four weeks in advance of their being released to the public. Local reports and datasets will be delivered directly to project partners, and the national report will be published and publicized to national media outlets.

Deliverables : Accessibility datasets delivered to project partners. National "Access Across America" reports published by the University of Minnesota; local reports delivered to each project partner.

Task Budget : \$352,068.00

Task Due Date : 11/30/2022 (*Calculated*)
Date Delivered : 7/31/2023
Date Approved : 10/19/2023 (*CTS received task approval*)
Task Approved : Yes
Progress:

% Task Complete: 100

4 Produce 2022 Datasets and Reports

The research team will collect up-to-date network and speed datasets for 2022 describing the transportation networks in the study area, as well as destination counts at the block level. These will be used to calculate accessibility datasets representing typical conditions in 2022. The research team will prepare reports summarizing and describing accessibility patterns in the jurisdictions of each project partner, as well as a single national "Access Across America" report for each mode. The research team will provide the participating agencies a copy of the national reports at least four weeks in advance of their being released to the public. Local reports and datasets will be delivered directly to project partners, and the national report will be published and publicized to national media outlets.

Deliverables : Accessibility datasets delivered to project partners. National "Access Across America" reports published by the University of Minnesota; local reports delivered to each project partner.

Task Budget : \$352,068.00

Task Due Date : 6/30/2024 (*Calculated*)
Date Delivered :
Date Approved : 6/24/2024 (*CTS received task approval*)
Task Approved : Yes
Progress:

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Task Update:

% Task Complete: 100

5 Produce 2023 Datasets and Reports

The research team will collect up-to-date network and speed datasets for 2023 describing the transportation networks in the study area, as well as destination counts at the block level. These will be used to calculate accessibility datasets representing typical conditions in 2020. The research team will prepare reports summarizing and describing accessibility patterns in the jurisdictions of each project partner, as well as a single national "Access Across America" report for each mode. The research team will provide the participating agencies a copy of the national reports at least four weeks in advance of their being released to the public. Local reports and datasets will be delivered directly to project partners, and the national report will be published and publicized to national media outlets.

Deliverables : Accessibility datasets delivered to project partners. National "Access Across America" reports published by the University of Minnesota; local reports delivered to each project partner.

Task Budget : \$339,708.00

Task Due Date : 11/30/2024 *(Calculated)*

Date Delivered :

Date Approved : (CTS received task approval)

Task Approved : No

Progress:

submitted contract amendment to alter due date to April 30 2024

% Task Complete: 5

6 Produce 2024 Datasets and Reports

The research team will collect up-to-date network and speed datasets for 2024 describing the transportation networks in the study area, as well as destination counts at the block level. These will be used to calculate accessibility datasets representing typical conditions in 2024. The research team will prepare reports summarizing and describing accessibility patterns in the jurisdictions of each project partner, as well as a single national "Access Across America" report for each mode. The research team will provide the participating agencies a copy of the national reports at least four weeks in advance of their being released to the public. Local reports and datasets will be delivered directly to project partners, and the national report will be published and publicized to national media outlets.

Deliverables : Accessibility datasets delivered to project partners. National "Access Across America" reports published by the University of Minnesota; local reports delivered to each project partner.

Task Budget : \$339,708.00

Task Due Date : 11/30/2025 *(Calculated)*

Date Delivered :

Date Approved : (CTS received task approval)

Task Approved : No

Progress:

7 Compile Report, Technical Advisory Panel Review, and Revisions

A draft final report will be prepared, following MnDOT publication guidelines, to document project activities, findings and recommendations. This report will be reviewed by the Technical Advisory Panel (TAP), updated by the PI to incorporate technical comments, and then approved by the Technical Liaison before this task is considered complete. If possible, a TAP meeting will be scheduled to facilitate the discussion of the draft report.

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Task Update:

Deliverables : A draft final report for TAP review, and a revised report that is technically complete and approved by the TL for publication.

Task Budget : \$123,214.00

Task Due Date : 6/30/2025 (Calculated)

Date Delivered :

Date Approved : (CTS received task approval)

Task Approved : No

Progress:

8 Editorial Review and Publication of Final Report

During this task, the approved report will be processed by MnDOT's contract editors. The editorial review will ensure it meets publication standards. The PI will work with the editor to address editorial comments, so this task must be finished while the contract is still active.

Deliverables : Final Published Report

Task Budget : \$82,143.00

Task Due Date : 12/31/2025 (Calculated)

Date Delivered :

Date Approved : (CTS received task approval)

Task Approved : No

Progress:

Future Plans:

Problems Encountered/Actions Taken:

Students:

| <u>Name</u> | <u>E-Mail</u> | <u>Degree Program</u> | <u>Degrees</u> | <u>Graduation Date</u> |
|-----------------|------------------|-----------------------|----------------|------------------------|
| Matthew Hockert | hocke069@umn.edu | Doctorate | | |

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Presentations:

| <u><i>Title</i></u> <u><i>Author(s)</i></u> | <u><i>Event Date</i></u> | <u><i>Location</i></u> | <u><i>Event Type</i></u> |
|--|---|--|------------------------------|
| | <u><i>Audience Size/Description</i></u> | | |
| CTS Initiatives: Accessibility Observatory Highlights Eric Lind | 1 May 2023 20 | U of M CTS Annual Meeting CTS Executive Committee | Demo |
| Including the Ends of the Trip Eric Lind | 7 Jan 2024 100 | TRB Annual Meeting 2024 transportation researchers and practitioners | Conference |
| Access to Opportunity: Counting both ends of the trip Eric Lind | 21 June 2023 50 | MCEA, Alexandria MN MN County Engineers | Conference |
| Nation Accessibility Evaluation: Access to Jobs & Essential Destinations Saumya Jain, Eric Lind | 25 June 2024 30 | VDOT MPO Quartlery meeting (via Zoom) State and local agency staff | deliverable walk- through |
| Multi-modal safety influences Eric Lind | 11/15/2023 30 | Minnesota Statewide TZD Conference | Conference |
| Pandemic-Induced Transit Service Reductions and Impact on Access to Opportunity in Large US Cities Eric Lind | 11/2/2023 50 | CTS Research Conference | Conference |
| Access to Opportunity:National Evaluation, Local Application Lind, Jain | 10/5/2023 150 | SSTI Measuring Accessibility Webinar | webinar |
| https://ssti.us/2023/09/11/measuring-accessibility-national-evaluation-local- application/ | | | |
| Multiple Destinations Access Metrics for Decision-Makers Saumya Jain | 11/2/2023 50 | CTS Research Conference | Conference |
| Counting the Ends of the Trip: Applying accessibility metrics to performance measurement and project development Lind | 2024-05-29 | MTCE | Conference |

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