Quarterly Project Report

Project Title: **National Accessibility Evaluation Phase II**

Quarter: **January 01 - March 31, 2024**

CTS Project # : 2021045

Contract # : 1036342

Work Order # : 6

Project Authorization Date : 2/1/2021

Project Expiration Date: 12/31/2025

Principal Investigator

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TL: Deanna Belden

CTS PL Annette Fritze

Funding Source(s):

State Pooled Funds

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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:

held TAP meeting at TRB; monthly checkins with MnDOT; connected with potential future DOT partners

% Task Complete: 60

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

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 : *(CTS received task approval)*

Task Approved : No

Progress:

Task Update:

generate travel time and access data to total jobs and a dozen different other destination types for all blocks in the U.S., by driving, transit, biking, and walking. Reporting underway

% Task Complete: 85

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:

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

Task Update:

scheduled to facilitate the discussion of the draft report.

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:

Name	*E-Mail*	*Degree Program*	*Degrees*	*Graduation Date*
Matthew Hockert	hocke069@umn.edu	Doctorate		

Presentations:

Title	*Event Date*	*Location*	*Event Type*
Author(s)	*Audience Size/Description*		
CTS Initiatives: Accessibility Observatory Highlights	1 May 2023	U of M CTS Annual Meeting	Demo
Eric Lind	20	CTS Executive Committee	
Including the Ends of the Trip	7 Jan 2024	TRB Annual Meeting 2024	Conference
Eric Lind	100	transportation researchers and practitioners	
Access to Opportunity: Counting both ends of the trip	21 June 2023	MCEA, Alexandria MN	Conference
Eric Lind	50	MN County Engineers	
Multi-modal safety influences	11/15/2023	Minnesota Statewide TZD Conference	Conference
Eric Lind	30		
Pandemic-Induced Transit Service Reductions and Impact on Access to Opportunity in Large US Cities	11/2/2023	CTS Research Conference	Conference
Eric Lind	50		
Access to Opportunity:National Evaluation, Local Application	10/5/2023	SSTI Measuring Accessibility Webinar	webinar
Lind, Jain	150		
https://ssti.us/2023/09/11/measuring-accessibility-national-evaluation-local-application/			
Multiple Destinations Access Metrics for Decision-Makers	11/2/2023	CTS Research Conference	Conference
Saumya Jain	50		