

# Quarterly Project Report

Center for Transportation Studies

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

**Quarter: April 01 - June 30, 2023**

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**CTS Project # :** 2021045

**Contract # :** 1036342

**Work Order # :** 6

**Project Authorization Date :** 2/1/2021

**Project Expiration Date:** 12/31/2025

**Principal Investigator**

Andrew Owen

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**Funding Source(s):**

State Pooled Funds

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**Co-Investigator:** Mathison, Arlene

**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:**

Held spring TAP meeting. Re-organized data generation process. Regular meetings with MnDOT sponsors deepened collaboration.

**% Task Complete:** 45

**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 Due Date :** 11/30/2021 (Calculated)

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### **Task Update:**

*Date Delivered :* 3/31/2023

*Date Approved :* 3/21/2023 (CTS received task approval)

*Task Approved :* Yes

*Progress:*

State and national reports delivered.

*% 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 :*

*Date Approved :* (CTS received task approval)

*Task Approved :* No

*Progress:*

Data and state reporting nearly complete. National reports to be delivered 7/14.

*% Task Complete:* 90

### **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 :* 11/30/2023 (Calculated)

*Date Delivered :*

*Date Approved :* (CTS received task approval)

*Task Approved :* No

*Progress:*

Preparation in code begun for multiple destination analysis.

*% Task Complete:* 2

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## **Task Update:**

### **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 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

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### ***Task Update:***

*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><i>Name</i></u>	<u><i>E-Mail</i></u>	<u><i>Degree Program</i></u>	<u><i>Degrees</i></u>	<u><i>Graduation Date</i></u>
Kaitlyn Denton	dente005@umn.edu	Masters		Sept 2023
Matthew Hockert	hocke069@d.umn.edu	Doctorate		

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***Presentations:***

<u>Title</u>	<u>Event Date</u>	<u>Location</u>	<u>Event Type</u>
<u>Author(s)</u>	<u>Audience Size/Description</u>		
CTS Initiatives: Accessibility Observatory Highlights	1 May 2023	U of M CTS Annual Meeting	Demo
Eric Lind	20	CTS Executive Committee	