

# Quarterly Project Report

Center for Transportation Studies

**Project Title: National Accessibility Evaluation**

**Quarter: April 01 - June 30, 2016**

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**CTS Project # :** 2016016

**Contract # :** 99008

**Work Order # :** 208

**Project Authorization Date :** 7/2/2015

**Project Expiration Date:** 8/31/2016

**Principal Investigator**

Andrew Owen

Civil, Environmental and Geo-Engineering

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**Co-Investigator:** Levinson, David

**Co-Investigator:** Mathison, Arlene

**AL:** Farideh Amiri

**TL:** Deanna Belden

**CTS PL** Elizabeth Andrews

**Funding Source(s):**

State Pooled Funds

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**Task Update:**

**1 Communications and Technical Advisory Panel Management**

Each year, the University of Minnesota Center for Transportation Studies will maintain and update the Accessibility Observatory website and discussion list, publish research reports and summaries based on the products of Task 4, coordinate media relations for two campaigns (online media kit, press releases, e-mail announcements, social media posts), and arrange for quarterly meetings (three conference calls and one in-person meeting held in conjunction with TRB for the first 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. This budget does not include travel expenses for TAP members.

*Deliverables :* Summary of all communications and Technical Advisory Panel activities for each year.

*Task Budget :* \$39,160.00

*Task Due Date :* 5/1/2016 (Calculated)

*Date Delivered :* 6/30/2016

*Date Approved :* 6/9/2016 (CTS received task approval)

*Task Approved :* Yes

*Progress:*

CTS convened the Q2 TAP meeting on April 12. The meeting included a representative from Washington state (the newest fund member). Meeting minutes have been distributed to members.

CTS also provided updates to the program website during this time. No research reports were ready to be published during this time period.

*% Task Complete:* 100

**2 Collect Input Datasets**

The research team will collect up-to-date network and speed datasets describing the road and transit transportation networks in the study area, as well as destination counts at the block level or smaller resolution.

*Deliverables :* Summary report of datasets collected.

*Task Budget :* \$137,384.00

*Task Due Date :* 8/1/2015 (Calculated)

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### **Task Update:**

*Date Delivered :* 9/30/2015

*Date Approved :* 10/6/2015 (CTS received task approval)

*Task Approved :* Yes

*Progress:*

*% Task Complete:* 100

### **3 Calculate Accessibility Datasets**

The research team will calculate accessibility datasets using travel times and land use data collected in Task 2 to represent typical conditions in the previous calendar year.

*Deliverables :* Accessibility datasets delivered to project partners.

*Task Budget :* \$55,384.00

*Task Due Date :* 10/1/2015 (Calculated)

*Date Delivered :*

*Date Approved :* (CTS received task approval)

*Task Approved :* No

*Progress:*

Accessibility calculations are complete, and are being processed into separate state-level extracts for each project sponsor.

*% Task Complete:* 95

### **4 Prepare Accessibility Reports**

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 two weeks in advance of their being released to the public. Local reports will be delivered directly to project partners, and the national report will be published and publicized to national media outlets.

*Deliverables :* National "Access Across America" reports; local reports for each project partner.

*Task Budget :* \$73,844.00

*Task Due Date :* 1/1/2016 (Calculated)

*Date Delivered :*

*Date Approved :* (CTS received task approval)

*Task Approved :* No

*Progress:*

Draft state reports have been prepared for each partner and are being reviewed before submitting. When those are complete, the national reports will be prepared.

*% Task Complete:* 80

### **5 TAP Review of Results and Methodology**

After each year's data and report publication is complete, the project TAP will meet to review and comment on project methodology and scope. The research team will collect feedback from the TAP members, with a focus on continually improving the data, reporting, usefulness, and scope of the project. TAP members will have an opportunity to share local experiences in the use of accessibility data. This TAP meeting will be scheduled and located to coincide with relevant conferences or professional meetings (such as AASHTO committee annual meetings or the annual TRB meeting). Teleconferencing participation options will also be provided.

*Deliverables :* TAP meeting minutes and proposed enhancements for next data/reporting update

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### **Task Update:**

*Task Budget :* \$36,922.00

*Task Due Date :* 3/1/2016 *(Calculated)*

*Date Delivered :*

*Date Approved :* (CTS received task approval)

*Task Approved :* No

*Progress:*

Task will be completed in conjunction with the next TAP meeting, when members will be able to review the results of tasks 3 and 4.

*% Task Complete:* 0

### **6 Compile Report, Technical Advisory Panel Review and Revisions**

A draft report will be prepared, following MnDOT publication guidelines, to document project activities, findings and recommendations, potential implementation opportunities, illustrative projects, and benefits to participating agencies. This report will need to be reviewed by the Technical Advisory Panel (TAP), updated by the Principal Investigator to incorporate technical comments, and then approved by Technical Liaison before this task is considered complete. Holding a TAP meeting to discuss the draft report and review comments is strongly encouraged. TAP members may be consulted for clarification or discussion of comments.

*Deliverables :* A Draft Report and Final Report Approved for Publication and presentation slides

*Task Budget :* \$55,384.00

*Task Due Date :* 4/30/2016 *(Calculated)*

*Date Delivered :*

*Date Approved :* (CTS received task approval)

*Task Approved :* No

*Progress:*

This task is delayed awaiting the results of tasks 3, 4, and 5.

*% Task Complete:* 0

### **7 Editorial Review and Publication of Final Report**

During this task the Approved Report will be processed by MnDOT's Contract Editors. The editors will review the document to ensure it meets the publication standard. This task must be completed within the Contract time because the editors will provide editorial comments and request information from the Principal Investigator.

*Deliverables :* Final Published Report and presentation slides

*Task Budget :* \$36,922.00

*Task Due Date :* 6/30/2016 *(Calculated)*

*Date Delivered :*

*Date Approved :* (CTS received task approval)

*Task Approved :* No

*Progress:*

This task is awaiting the results of tasks 3, 4, and 5.

*% Task Complete:* 0

### **Future Plans:**

We have submitted an amendment request to extend the project for year 2. This also includes adjustments to the due dates for the overdue tasks from year 1.

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***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>
Brendan Murphy	murph677@umn.edu	Masters		9/30/2015
Kristin Carlson	carl4498@umn.edu	Undergraduate		
Alireza Ermagun	ermag001@umn.edu	Doctorate		