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| **Goal** | **Data Needs** | **Potential Data Providers/Partners** |
| Task 1: Existing travel data  “Particularly those of transit, nonmotorized, and shared mobility systems”  “Documenting current travel patterns and perceived travel time assumptions by travel mode” | Transit agencies   * Ridership data (by route and time?) * Service data (frequency, routes) * Travel times? * Pricing schemes? | Transit agencies – which?  NTD |
| Nonmotorized mobility providers (bikeshare, e-scooter share, etc)   * Quantity of trips? Users? * Origin destination data? * Trip lengths? * Pricing schemes? | Nonmotorized mobility providers (bikeshare, e-scooter share, etc) |
| Shared mobility providers   * Quantity of trips? Users? * Origin destination data? * Trip lengths? * Pricing? | Shared mobility providers |
| Perceived travel time assumptions | Survey data? |
| If comparing personal travel times/expenses to personal automobile use, what data would we need? |  |
| What is a metric for accessibility/having multiple mobility options to choose from? |  |
| Task 2: Developing metrics to ascertain the effectiveness of the platform  “increase use and sustained utility across urban to rural environments”  “travel time and cost of trips will be calculated and compared with that of trips without the MaaS platform” | Transit ridership data before and after implementation, with similar non-MaaS transit systems as a control | NTD |
| Demand Response Transactional Data Specifications utility   * Quantity of trips, users, trip lengths, pricing, etc * Equity focus demographics – demographics of users? * Do we need a control for this? | Demand responsive providers? Is this the transit agency? |
| Analysis of user time spent planning, booking, and paying for trips | Survey data? How do we determine if It got faster with the MaaS? |
| Return on Investment | likely can obtain operating cost data from NTD, maybe transit agencies |
| How will the comparison to non-MaaS trips be made? |  |

10/12 Meeting Notes

Transit Agencies groups form a TAP – St Cloud PT conference in person Oct 25, maybe November, maybe December 14

Usually second Wednesday of the month

MaaS – single platform, mostly focused on transit but looking to integrated

Seven transit systems + recruited private providers

Rochester and Mankato, Demand responsive: Brown County Heartland Express, MRVTA, Rolling Hills Transit, SMART, etc

Other providers: Metro Transit, Amtrak, HOURCAR (no longer open), additional taxi, rideshare

CTS software vendor

For demand responsive, want to include request tab (like uber or lyft)

Cambridge Systematics, transit app, Trillium for GTFS, Token Transit on e-ticketing

GTFS – transit service data feeds

Look into GTFS flex for more demand responsive data

GBFS – same thing for bikes

Other teams have already worked on data collection- coordinate with them on the approach

Potential for some very short survey questions as they download the app

Post deployment survey

MnDOT – vehicular traffic data, potentially streetlight data

Rural agencies could pull ridership data for like a month if requested (difficult to do still)

Create list of ideal data

Prioritize the needs, don’t overwhelm the agencies

Can try to evaluate where service is missing