

City of Edina – Volunteer Service Description



Service Title: Traffic Video Volunteer

Department: Engineering

Supervisor(s): Chad Milner, City Engineer; Joe Totten, Traffic Safety Coordinator

Service Location: Public Works- Engineering Department

Purpose: To watch and analyze videos of traffic situations to create data that supports the traffic safety coordinator in answering traffic safety requests. This analysis will include counting or timing bicyclists, pedestrians, and vehicles at various locations.

Population Served: Residents and the traveling public to make our community safer for all modes of transportation.

Time Commitment: 2-3 hours per week. Possibility of working from home.

Minimum Length: On-going.

Qualifications/Desired Skills: Microsoft Office Suite experience

Service Duties: Volunteer would be given a video file and instruction; examples of instructions are as follows: count the number of bicyclists and pedestrians which cross a given point every 15 minutes, and record the data; use a timer to record the amount of time needed for the front bumper of a vehicle to pass between two marks on a roadway, and record the data; and use of a special keyboard to record the number of turning vehicles at an intersection.

Outcomes/Learning Opportunities: A student would learn the basics of traffic engineering and how it is applied in a city setting. Anyone with an interest in the city's transportation system would be able to help gather data to ensure staff and decision makers are properly informed with the relevant data.

On-boarding:

1. Application
2. Interview
3. Background Check

Training Requirements:

1. Volunteer Orientation
2. On the job training

Supervisory Plan: The volunteer will report to the Engineering departments Traffic Safety Coordinator with questions and scheduling changes.