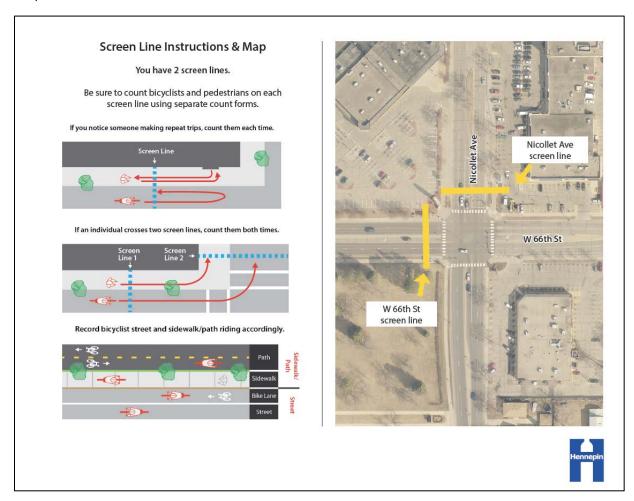
Manual Count Program: Background and Methodology

Introduction:

Each year, Hennepin County recruits volunteers to count people walking and biking from 4:00-6:00 pm during the second week of September. The data is then used to calculate estimated daily traffic (EDT) at each site, which means that 2-hour counts are extrapolated to understand larger trends in walking and biking. The counts are conducted in accordance with the National Bicycle and Pedestrian Documentation Project.

Materials and methodology:

Hennepin County staff provide volunteers with the forms needed to conduct the counts. The forms include a map with two screen lines and instructions, as well as two count forms (one for each screen line).



			Date:		
Screen Line (s	ee attached map): 661	th St west of Nicollet	Ave		
 Count a Count b 	all bicyclists and pedestria both sides of street, include every person <u>each time</u> th	indicate each bicyclist or pedestria ns crossing your screen line. ling sidewalks and/or paths in bot ey cross the screenline. me:and precis	h directions.	Questions Please cal Emily Kettell a 612-543-196	
15 Minute	Bicyclists ¹				
Time Periods	Riding in Street	Riding on Sidewalk and/or Path	Pedestrian	nns²	
4:00 - 4:15					
4:15 - 4:30					
4:30 - 4:45					
4:45 - 5:00					
5:00 - 5:15					
5:15 - 5:30					
5:30 - 5:45					
5:45 - 6:00					
Total			·		
² Includes inc	dividuals walking, crawlin s, skateboarders, skiers, ki	g, rather than the number of bicyo g, using wheelchairs, electric sco- ck scooters, and segways. Do not o eleted count form to 701 Fourth Avenue South	oters, children being carried or count motor scooters or golf car	in a stroller, skaters,	

lame:						
creen Line (s	ee attached map): Nic	collet Ave north	of 66th St			
Count a Count b Count e	II bicyclists and pedestria	ns crossing your screen lin ling sidewalks and/or path ey cross the screenline.		Questions: Please cal Emily Kettell a 612-543-1963		
15 Minute	Bicyclists1		7			
Time Periods	Riding in Street	Riding on Sidewalk and/or Path	Pedestria	ns²		
4:00 - 4:15						
4:15 - 4:30						
4:30 - 4:45						
4:45 - 5:00						
5:00 - 5:15						
5:15 - 5:30						
5:30 - 5:45						
5:45 - 6:00						
Total						
² Includes inc	dividuals walking, crawlin	g, using wheelchairs, elec	of bicycles. Someone walking a bicycl tric scooters, children being carried o Do not count motor scooters or golf ca	r in a stroller, skaters,		

Volunteers are directed to count pedestrians defined as individuals walking, crawling, using wheelchairs, electric scooters, children being carried or in a stroller, skaters, roller bladers, skateboarders, skiers, kick scooters, and segways. Volunteers were instructed not to count motor scooters or golf carts. An individual walking a bicycle is considered a pedestrian.

Count locations:

Count locations are chosen for one or more of the following reasons:

- County roads: count site is located on at least on Hennepin County road
- Near county projects: future projects are planned at location and counts will measure volumes before and after project implementation
- High activity area: location is a common route for bicyclists and pedestrians and/or is near a commercial node
- Near planned improvements or bicycle gaps

Data processing:

The methodology used to calculate EDT for a 24 hour period comes from the National Bicycle and Pedestrian Documentation Project, a nationwide model of data collection and analysis for nonmotorized counts. The Project methodology assumes that 20% of daily bicycle traffic and 18% of daily pedestrian traffic occurs between 4:00-6:00 pm.