

Napa County Transportation and Planning Agency

625 Burnell Street
Napa, CA 94559



Agenda - Final

Monday, January 25, 2016
5:00 PM

NCTPA/NVTA Conference Room

Active Transportation Advisory Committee

All materials relating to an agenda item for an open session of a regular meeting of the Active Transportation Advisory Committee (ATAC) which are provided to a majority or all of the members of the ATAC by ATAC members, staff or the public within 72 hours of but prior to the meeting will be available for public inspection, on and after at the time of such distribution, in the office of the Secretary of the ATAC, 625 Burnell Street, Napa, California 94559, Monday through Friday, between the hours of 8:00 a.m. and 5:00 p.m., except for NCTPA holidays. Materials distributed to a majority or all of the members of the ATAC at the meeting will be available for public inspection at the public meeting if prepared by the members of the ATAC or staff and after the public meeting if prepared by some other person. Availability of materials related to agenda items for public inspection does not include materials which are exempt from public disclosure under Government Code sections 6253.5, 6254, 6254.3, 6254.7, 6254.15, 6254.16, or 6254.22.

Members of the public may speak to the ATAC on any item at the time the ATAC is considering the item. Please complete a Speaker's Slip, which is located on the table near the entryway, and then present the slip to the ATAC Secretary. Also, members of the public are invited to address the ATAC on any issue not on today's agenda under Public Comment. Speakers are limited to three minutes.

This Agenda shall be made available upon request in alternate formats to persons with a disability. Persons requesting a disability-related modification or accommodation should contact the Administrative Technician, at (707) 259-8631 during regular business hours, at least 48 hours prior to the time of the meeting.

This Agenda may also be viewed online by visiting the NCTPA website at www.nctpa.net, click on Minutes and Agendas – ATAC or go to [/www.nctpa.net/active-transportation-advisory-committee-atac](http://www.nctpa.net/active-transportation-advisory-committee-atac)

Note: Where times are indicated for agenda items they are approximate and intended as estimates only, and may be shorter or longer, as needed.

1. Call To Order
2. Introductions
3. Public Comment
4. Committee Member and Staff Comments
5. Routine Accommodations/Complete Streets Checklist Review

Note: Where times are indicated for the agenda items they are approximate and intended as estimates only, and may be shorter or longer, as needed.

6. CONSENT AGENDA

- 6.1 Meeting Minutes of November 16, 2015 ATAC Meeting (Diana Meehan) *(Pages 4-5)*
- Estimated Time: 5:10 p.m.
- Attachments: [11-16-15 ATAC minutes.pdf](#)

7. REGULAR AGENDA ITEMS

- 7.1 Committee Chair/Vice Chair (Diana Meehan) *(Pages 6-7)*
- The Committee will accept nominations and elect a Chair and Vice Chair for 2016.
- Estimated Time: 5:30 p.m.
- Attachments: [7.1 Staff Report.pdf](#)
- 7.2 City of Napa Representative (Diana Meehan) *(Pages 8-11)*
- The Committee will review an application for the City of Napa representative position and provide a recommendation to the Napa Valley Transit Authority (NVTA) Board of Directors.
- Estimated Time: 5:35 p.m.
- Attachments: [7.2 Staff Report.pdf](#)

7.3 Bicycle/Pedestrian Count Results (Diana Meehan) *(Pages 12-19)*

Staff will report the Bicycle/Pedestrian Count results.

Estimated Time: 5:40 p.m.

Attachments: [7.3 Staff Report.pdf](#)

7.4 Vision Zero (Diana Meehan) *(Pages 20-22)*

Estimated Time: 5:45 p.m.

Attachments: [7.4 Staff Report.pdf](#)

8. FUTURE AGENDA ITEMS

9. ADJOURNMENT

I, Kathy Alexander, hereby certify that the agenda for the above stated meeting was posted at a location freely accessible to members of the public at the NCTPA offices, 625 Burnell Street, Napa, CA by 5:00 p.m., Monday, January 25, 2016.



**Napa County Transportation and
Planning Agency
Meeting Minutes
Active Transportation Advisory
Committee**

625 Burnell Street
Napa, CA 94559

Monday, November 16, 2015

5:00 PM

NCTPA/NVTA Conference Room

1. Call To Order

Meeting was called to order at 5:05 pm.

2. Roll Call / Introductions

Present: 5 - Barry Christian
Vice Chair Michael Costanzo
Chairperson Paul Wagner
Joel King
James Eales
Absent: 3 - Eric Hagyard
Donna Hinds
Dieter Deiss

3. Public Comment

None.

4. Committee Member and Staff Comments

Lorien Clark, City of Napa Transportation Planner gave a brief update on the Downtown Napa two-way street conversion. The conversion should be completed sometime early next year and will include Class II Bicycle Lanes down Third Street. She also mentioned the Tulocay Creek Bridge and Trail is now complete and open for use.

Patrick Band, Napa Bike executive director, reported the coalition provided over 550 new and refurbished bicycles to Valley Fire victims.

Paul Wagner announced his resignation from the ATAC and thanked the committee. The committee thanked him for serving.

5. Routine Accommodations/Complete Streets Checklist Review

None.

6. CONSENT AGENDA

6.1 Meeting Minutes of September 28, 2015 ATAC Meeting (Diana Meehan)

MOTION MADE by Christian SECONDED by Costanzo to APPROVE the September 28, 2015 minutes as presented. Motion Passed Unanimously.

7. REGULAR AGENDA ITEMS

7.1 Napa Valley Vine Trail Update (Philip Sales)

The Napa Valley Vine Trail Executive Director will give an update on the progress of the Napa Valley Vine Trail.

Napa Valley Vine Trail Executive Director Philip Sales provided an update on the Vine Trail progress. Highlights from the update included:

- Progress on the Oak Knoll Segment
- ATP Grant secured for the upper valley segment Calistoga to St. Helena
- Right-of-Way negotiations and alignment on the Upper Valley Segment
- Board of Supervisors meeting on December 8th to discuss maintenance
- Ag Respect
- Footprints fundraising campaign

7.2 Bicycle Map Update/Review (Diana Meehan)

The ATAC will begin the update process of the Bike Map.

Staff reviewed the current Napa County Bicycle Map in order to prepare for updating. There was discussion on having Napa Bike take the lead on producing the map with assistance from NCTPA staff and from the ATAC. Napa Bike ED, Patrick Band will discuss the option with his board at an upcoming meeting.

Suggestions for the update included:

- Adding mountain biking trails
- Updating built out infrastructure
- Online version/mobile friendly
- Identifying format
 - o GIS
 - o Graphics
 - o Cartographic
- What subject matter should be included? (current map has too much information that is not oriented toward use)
 - Cost-and funding.
 - Include links to adjacent counties

8. FUTURE AGENDA ITEMS

- Map Update/Review
- OTS Grant
- Davis Presentation
- Pedestrian Plan Draft

9. Approval of Meeting Date of December 14, 2015 and Adjournment

Meeting Adjourned at 6:30 PM



January 25, 2016
ATAC Agenda Item 7.1
Continued From: New
Action Requested: ACTION

NAPA COUNTY TRANSPORTATION AND PLANNING AGENCY ATAC Agenda Letter

TO: Active Transportation Advisory Committee (ATAC)
REPORT BY: Diana Meehan, Associate Planner
(707) 259-8327 / Email: dmeehan@nctpa.net
SUBJECT: Nomination and Selection of Chairperson and Vice Chairperson of
the Active Transportation Advisory Committee (ATAC)

RECOMMENDATION

That the ATAC nominate and elect an ATAC Chairperson and Vice Chairperson to serve for the 2016 calendar year.

EXECUTIVE SUMMARY

Article VI, Section 1 of the Active Transportation Advisory Committee (ATAC) Bylaws requires that the committee nominate and select a Chairperson and Vice Chairperson at the first meeting of the calendar year.

The committee Chairperson will preside over meetings. The Vice Chairperson will provide assistance to the Chairperson and will preside over meetings in the absence of the Chairperson.

An ATAC member list with term expirations is provided for reference.

SUPPORTING DOCUMENT

Attachments: (1) ATAC Membership Roster

**ACTIVE TRANSPORTATION ADVISORY COMMITTEE (ATAC)
 MEMBERSHIP ROSTER**

MEMBERS ATAC	REPRESENTING	TERM ENDS	NCTPA APPOINTMENT DATE
Michael Costanzo (Vice Chair)	Napa County	March 1, 2017	March 2014
Barry Christian	American Canyon	April 1, 2017	April 2014
VACANT	American Canyon		
Paul Wagner (Chair) Resigned 11/15	City of Napa	January 1, 2018	February 2015
Joel King	City of Napa	March 1, 2016	March 2013
PENDING	City of Napa		February 2016
Eric Hagyard	City of Napa	Sept. 1, 2017	September 2014
James Eales	Yountville	January 1, 2018	December 2014
Donna Hinds	St. Helena	Feb. 1, 2018	January 2015
Dieter Deiss	Calistoga	March 1, 2017	March 2014
VACANT	Napa County		

Terms are for three years



January 25, 2016
ATAC Agenda Item 7.2
Continued From: New
Action Requested: **APPROVE**

NAPA County Transportation and Planning Agency ATAC Agenda Letter

TO: Active Transportation Advisory Committee (ATAC)
FROM: Kate Miller, Executive Director
REPORT BY: Diana Meehan, Associate Planner
(707) 259-8327 / Email: dmeehan@nctpa.net
SUBJECT: Active Transportation Advisory Committee (ATAC) Member
Nomination

RECOMMENDATION

That the Active Transportation Advisory Committee (ATAC) recommend to the Napa County Transportation and Planning Agency (NCTPA) board that Frances Knapczyk be appointed to ATAC to fill the vacancy representing the City of Napa.

EXECUTIVE SUMMARY

Frances Knapczyk has lived and worked in Napa for the past 8 years. Her primary mode choice for commuting is walking. Frances is interested in improving the user experience for walkers and cyclists in and around the City of Napa.

The City of Napa Council recommended the appointment of Ms. Knapczyk to serve as representative on the NCTPA Active Transportation Advisory Committee at their December 15, 2015 meeting.

FISCAL IMPACT

Is there a Fiscal Impact? No

BACKGROUND AND DISCUSSION

The Active Transportation Advisory Committee is made up of eleven members with representation that mirrors the voting structure of NVTA Board. Committee structure consists of: four members from the City of Napa, two from Napa County, two members

from American Canyon and one from each remaining jurisdiction. Ms. Knapczyk's appointment to the ATAC would fill a vacancy on the committee.

The City of Napa appointed Ms. Knapczyk at their December 15, 2015 meeting.

SUPPORTING DOCUMENTS

Attachments: (1) Knapczyk Application and City Council recommendation



CITY OF NAPA
Appointments to Outside Agency
Commissions, Committees & Boards
APPLICATION B

CITY OF NAPA
 CITY CLERK

2015 OCT 15 PM 3:41

*This application for appointment is kept on file for 2 years
 and is a public document open for inspection and reproduction.*

The function of Commissions, Committees and Boards is to make decisions and/or policy recommendations to the City Council, and to speak on behalf of Napa residents in relation to outside agency Commissions, Committees and Boards. Applications will be kept on file annually for submission to the City Council when vacancies occur.

I wish to be considered for appointment to the following Commission, Committee or Board:

(PLEASE CHECK ONLY ONE)

Napa City/County Library Commission

Napa County Arts & Culture Commission

Napa County Mosquito Abatement District Board

Napa Public Access Cable TV Board

Napa Sanitation District Board

Other: NCTPA ATAC

(Please Print) DATE: 10/14/15

NAME: Frances Knapczyk

LENGTH OF RESIDENCE IN NAPA: 8 years

REGISTERED TO VOTE IN THE CITY OF NAPA? yes

OCCUPATION/EMPLOYER: Conservation Project Mgr

Napa County Resource Conservation District

COMMUNITY SERVICE EXPERIENCE:

Organization	Dates Served	Position
The Table	11/13 - 5/14	Server
Environmental Ed Coalition of Napa Co	2007-Present	Chair person, Board member
Napa Co Reg Parks & Open Space	2015	Trail volunteer

EDUCATION:

School	Major	Graduation Date / Degree
Michigan St U	Plant Biology/Evolutionary Ecology	2007/PhD
Indiana U	Biology & Geology	2001/BA & BS

OTHER SPECIFIC OR RELEVANT EXPERIENCE OR EXPERTISE: _____

During the 8 years that I've lived in Napa, I've walked to and from work (downtown) on most work days. I take walks in downtown neighborhoods most afternoons, and hike in the County and Bay's open spaces most weekends.

WHAT IS YOUR UNDERSTANDING OF THE ROLE AND RESPONSIBILITY OF THE COMMISSION/COMMITTEE/BOARD FOR WHICH YOU ARE APPLYING? Provide thoughtful comments, advice, suggestions pertaining to enhancing the experience and safety of walkers and bikers in our community.

WHAT ISSUES DO YOU BELIEVE ARE MOST IMPORTANT TO ADDRESS IN THE COMMISSION/COMMITTEE/BOARD?

Enhancing pleasure and safety of walking and biking around Napa, building opportunities for city-dwellers to easily connect with nature, ensuring that new development considers pedestrian approaches.

WHAT PROGRAMS OR PROJECTS WOULD YOU LIKE TO SEE IMPROVED OR IMPLEMENTED AS RELATED TO THE COMMISSION/COMMITTEE/BOARD?

Hasten the development of bike routes and trails, and promote walking as a fun, enjoyable, interesting, and safe activity

WHAT ACTIVITIES OF THIS COMMISSION/COMMITTEE/BOARD DO YOU EXPECT WILL BE MOST INTERESTING TO YOU?

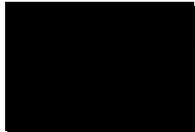
Sharing my experience as a walker and hiker, and having the opportunity to improve and promote this activity as a way to connect with our community and our natural surroundings.

ARE YOU INVOLVED IN ANY ORGANIZATIONS OR ACTIVITIES THAT MAY RESULT IN A CONFLICT OF INTEREST IF YOU ARE APPOINTED TO THIS COMMISSION/COMMITTEE/BOARD?

NO

PLEASE LIST TWO LOCAL REFERENCES AND THEIR PHONE NUMBERS:

Leigh Sharp _____



Deborah Elliott _____

How did you learn of this vacancy?

Newspaper

Flyer

Internet

Other

(Appointees will be required to take an Oath of Office and are subject to filing a Statement of Economic Interests.)

Return to: City Clerk Department
PO Box 660
955 School Street
Napa CA 94559

DATE: 10-15-15

SIGNATURE: _____





January 25, 2016
ATAC Agenda Item 7.3
Continued From: New
Action Requested: **Information**

NAPA County Transportation and Planning Agency ATAC Agenda Letter

TO: Active Transportation Advisory Committee (ATAC)
FROM: Kate Miller, Executive Director
REPORT BY: Diana Meehan, Associate Planner
(707) 259-8327/ Email: dmeehan@nctpa.net
SUBJECT: 2015 Bicycle and Pedestrian Count Results

RECOMMENDATION

Information only

EXECUTIVE SUMMARY

Bicycle and pedestrian counts were manually collected by volunteers throughout the county in September 2015 in order to establish baseline use data for bicycle and pedestrians in Napa County. Counts were collected at 21 locations over three separate days in two-hour increments, both AM and PM. Standard screenline count forms were used, counting bicycles and pedestrians crossing E/W or N/S at intersections. Collected data will become part of the National Bicycle and Pedestrian Documentation Project (NBPDP).

FISCAL IMPACT

Is there a Fiscal Impact? No

BACKGROUND AND DISCUSSION

As part of the first countywide bicycle and pedestrian data collection effort, bicycle and pedestrian counts were taken by volunteers at 21 locations throughout the county. Locations were selected using the following criteria:

- Recommendations in Countywide Bicycle Plan
- Proximity to schools
- Proximity to Transit Hubs

- MTC 2012 Counts
- ATAC/TAC recommendations

Counts took place during the following dates/times (Attachment 1) in order to coordinate with the NBPDP count dates:

- Tuesday September 15th - 7:00am-9:00am & 4:00pm-6:00pm
- Thursday September 17th - 11:00am-1:00pm & 4:00pm-6:00pm
- Saturday September 19th - 9:00am-11:00am & 12:00pm-2:00pm

All 21 locations were counted at least once during the count period in order to establish baseline information for future counts. Some locations were chosen from previous counts done by MTC in 2012 in order to provide benchmark comparison.

Unfortunately, due to fewer volunteers than anticipated, not enough survey data was collected. Of the 45 surveys distributed, only 1 was returned. Surveys provide important information on trip purpose and demographics and will be conducted during future count dates when adequate volunteers can be recruited.

No data was collected in the originally scheduled locations in the City and unincorporated areas near Calistoga. The Valley Fire in the northern county area inhibited the ability to take counts in Calistoga, where an evacuation center was established. Counts will be taken in those locations during future count dates.

The Metropolitan Transportation Commission (MTC) conducted regional counts and surveys in 2002 with updates to counts in 2012. Baseline data from the MTC update in 2012 is included with the raw data for comparison purposes.

Count data will be uploaded to the NBPDP website as part of a national effort to help provide consistent, useful data on walking and biking. The NBPDP also provides extrapolation forms for data evaluation to help forecast potential increases in use (Attachment 3). In this example, data from Tamarisk and Coombsville Rd. near Silverado Middle School was used as an example. It is important to note that data gathered from the average of 2-3 counts during the same period provides the most accurate extrapolation. This example uses a single 2 hour count combining both bikes and pedestrians for the count period and is only to give an example of how data can be extrapolated. Additional counts could be done to improve the data in areas of interest.

Staff is considering implementing annual survey and count dates in order to evaluate current use within the bicycle and pedestrian network and to help jurisdictions prioritize non-motorized transportation improvements.

SUPPORTING DOCUMENTS

- Attachment(s): (1) Count locations
(2) Count location results and comparison
(3) Extrapolation Sheet Example

Napa Countywide Bicycle and Pedestrian Count Locations –September 15th, 17th and 19th 2015

LOCATION #	INTERSECTION LOCATION / JURISDICTION	COUNT DATES/TIMES
1	Jefferson & Lincoln-City of Napa*	9/15 7-9AM & 4-6PM, 9/17 ,4-6PM
2	Soscol & Third St.-City of Napa	9/15 7-9AM , 9/17 11AM-1PM
3	Vallejo St. Commuter Path & Soscol-City of Napa	9/15 7-9AM & 9/19, 9-11AM
4	Coombsville Rd. and Tamarisk-City of Napa	9/15 7-9AM & 4-6PM
5	Gasser Dr. & Imola-City of Napa	9/17 4-6PM & 9/19, 9-11AM
6	Dry Creek Rd. and Orchard-City of Napa *	9/15 4-6PM & 9/17 4-6PM
7	Freeway Dr/Golden Gate Dr. & Imola	9/17 11AM-1PM
8	Solano Ave. & Redwood Rd.-City of Napa	9/17 11AM-1PM
9	Old Sonoma Rd. & Hwy. 121-Unincorporated *	9/15 4PM-6PM
10	SR 29 & American Canyon Rd.-American Canyon*	9/15 7-9AM & 4-6PM, 9/19 12-2PM
11	American Canyon Rd. & Newell Dr.-American Canyon	9/15 7-9AM & 9/17 4-6PM
12	SR 29 & Donaldson Way-American Canyon	9/19 9-11AM
13	Yount St. & Washington-Yountville	9/19 12-2PM
14	Yount St. & Finnell Rd.-Yountville *	9/17 4-6PM & 9/19 9-11AM
15	Yount St. & Madison-Yountville	9/17 11AM-1PM
16	Washington & California Dr.-Yountville	9/15 7-9AM
17	Adams & Main St.-St. Helena*	9/15 7-9AM & 4-6PM, 9/17 11AM-1PM
18	Main St. & Pope-St. Helena	9/15 7-9AM
19	Main St. & Grayson	9/17 4-6PM
20	Silverado Tr. & Deer Park Rd-Unincorporated	9/15 4-6PM
21	SR 29 & Oakville Grade-Unincorporated	9/19 9-11AM

September 15, 2015

Attachment 1
 ATAC Agenda Item 7.3
 January 25, 2016

NBPD	DATE	N/S	E/W	City	BICYCLES			PEDESTRIANS			MTC 2012
					7-9am	4-6pm	Total Bicycles	7-9am	4-6pm	Total Pedestrians	
Loc 1	15-Sep	Jefferson	Lincoln	Napa	25	21	46	134	80	214	
Loc 2	15-Sep	Soscol	Third St.	Napa	56		56	67		67	
Loc 3	15-Sep	Commuter Path	Vallejo St.	Napa	45		45	38		38	
Loc 4	15-Sep	Tamarisk Dr.	Coombsville Rd.	Napa	18	6	24	106	15	121	
Loc 5		Gasser Dr.	Imola	Napa							
Loc 6	15-Sep	Dry Creek Rd.	Orchard	Napa/Unc.		24	24		15	15	39/1
Loc 7		Fwy. Dr./Golden Gate	Imola	Napa							
Loc 8		Solano Ave.	Redwood Rd.	Napa							
Loc 9	15-Sep	Old Sonoma Rd.	SR 121	Napa		2	2		0	0	12/1
Loc 10	15-Sep	SR 29	American Canyon Rd.	American Canyon	23	18	41	28	59	87	30/109
Loc 11	15-Sep	Newell Dr.	American Canyon Rd.	American Canyon	30		30	296		296	
Loc 12		SR 29	Donaldson Way	American Canyon							
Loc 13		Washington St.	Yount St.	Yountville							
Loc 14		Yount St.	Finnell Rd.	Yountville							
Loc 15		Yount St.	Madison	Yountville							
Loc 16	15-Sep	Washington St.	California Dr.	Yountville	22		22	112		112	
Loc 17	15-Sep	Main St.	Adams	St. Helena	8	9	18	132	274	406	46/444
Loc 18	15-Sep	Main St.	Pope St.	St. Helena	8		8	74		74	
Loc 19		Main St.	Grayson	St. Helena							
Loc 20	15-Sep	Silverado Tr.	Deer Park Rd.	St. Helena/Unc.		5	5		1	1	
Loc 21		SR 29	Oakville Grade	Oakville/Unc.							
Denotes MTC Count Location											

September 17, 2015

			BICYCLES				PEDESTRIANS				MTC 2012
NBPDP	DATE	N/S	E/W	City	11am-1pm	4-6pm	Total Bicycles	11am-1pm	4-6pm	Total Pedestrians	
Loc 1	17-Sep	Jefferson	Lincoln	Napa		45	45		109	109	70/193
Loc 2	17-Sep	Soscol	Third St.	Napa	58		58	107		107	
Loc 3		Commuter Path	Vallejo St.	Napa							
Loc 4		Tamarisk Dr.	Coombsville Rd.	Napa		17	17		22	22	
Loc 5	17-Sep	Gasser Dr.	Imola	Napa		12	12		2	2	
Loc 6	17-Sep	Dry Creek Rd.	Orchard	Napa/Unc.							
Loc 7	17-Sep	Fwy. Dr./Golden Gate	Imola	Napa	18		18	14		14	
Loc 8	17-Sep	Solano Ave.	Redwood Rd.	Napa	39		39	76		76	
Loc 9		Old Sonoma Rd.	SR 121	Napa							
Loc 10		SR 29	American Canyon Rd.	American Canyon							
Loc 11	17-Sep	Newell Dr.	American Canyon Rd.	American Canyon		10	10		78	78	
Loc 12		SR 29	Donaldson Way	American Canyon							
Loc 13		Washington St.	Yount St.	Yountville							
Loc 14	17-Sep	Yount St.	Finnell Rd.	Yountville		27	27		74	74	35/19
Loc 15	17-Sep	Yount St.	Madison	Yountville	15		15	60		60	
Loc 16		Washington St.	California Dr.	Yountville							
Loc 17	17-Sep	Main St.	Adams	St. Helena	12		12	616		616	15/655
Loc 18		Main St.	Pope St.	St. Helena							
Loc 19	17-Sep	Main St.	Grayson	St. Helena		11	11		64	64	
Loc 20		Silverado Tr.	Deer Park Rd.	St. Helena/Unc.							
Loc 21		SR 29	Oakville Grade	Oakville/Unc.							
Denotes MTC Count Location											

September 19, 2015

			BICYCLES				PEDESTRIANS				MTC 2012
NBPDP	DATE	N/S	E/W	City	9-11am	12-2pm	Total Bicycles	9-11am	12-2pm	Total Pedestrians	
Loc 1		Jefferson	Lincoln	Napa							
Loc 2		Soscol	Third St.	Napa							
Loc 3	19-Sep	Commuter Path	Vallejo St.	Napa	25		25	7		7	
Loc 4		Tamarisk Dr.	Coombsville Rd.	Napa							
Loc 5	19-Sep	Gasser Dr.	Imola	Napa	13		13	27		27	
Loc 6		Dry Creek Rd.	Orchard	Napa/Unc.							
Loc 7		Fwy. Dr./Golden Gate	Imola	Napa							
Loc 8		Solano Ave.	Redwood Rd.	Napa							
Loc 9		Old Sonoma Rd.	SR 121	Napa							
Loc 10	19-Sep	SR 29	American Canyon Rd.	American Canyon		20	20		27	27	14/54
Loc 11		Newell Dr.	American Canyon Rd.	American Canyon							
Loc 12	19-Sep	SR 29	Donaldson Way	American Canyon	11		11	27		27	
Loc 13	19-Sep	Washington St.	Yount St.	Yountville		58	58		517	517	
Loc 14	19-Sep	Yount St.	Finnell Rd.	Yountville	70		70	175		175	
Loc 15		Yount St.	Madison	Yountville							
Loc 16		Washington St.	California Dr.	Yountville							
Loc 17		Main St.	Adams	St. Helena							
Loc 18		Main St.	Pope St.	St. Helena							
Loc 19		Main St.	Grayson	St. Helena							
Loc 20		Silverado Tr.	Deer Park Rd.	St. Helena/Unc.							
Loc 21	19-Sep	SR 29	Oakville Grade	Oakville/Unc.	68		68	2		2	
Denotes MTC Count Location											

How to use this spreadsheet

The purpose of this spreadsheet is to allow for the expansion or 'extrapolation' of bicycle and pedestrian counts into estimates of weekly, monthly or annual bicycle and pedestrian volumes for a given count location.

Why would I want to extrapolate bicycle and pedestrian counts?

Collecting bicycle and pedestrian count data allows for the evaluation of bicycle and pedestrian facilities, policies and programs. Counts can be used to evaluate the impacts of specific improvement projects or to measure progress towards a municipality or agency goal, such as an increase in the number of walking and bicycling trips. Furthermore, quantifying the benefits of bicycle and walking investments is often required as a part of grant applications to fund non-motorized transportation projects.

The use of expansion factors is common in transportation planning. In this case, they are a tool for taking a limited number of counts and using them to develop estimates of bicycle and pedestrian activity in familiar and comparable units, such as monthly or yearly activity. The factors in this spreadsheet are designed to estimate daily, monthly, and annual activity based on counts done during any period of a day, month, or year.

As discussed above, the extrapolated results may be useful for completing grant applications, quantifying the benefits of potential projects, or for estimating levels of bicycle and pedestrian activity in various seasons (i.e., winter bicycling).

How Many Counts Can it Be Based On?

Given the variability of bicycle and pedestrian activity, we strongly encourage that all estimates be based on the average of at least two (2) and preferably three (3) counts during the same time period and week, especially for lower volume areas. For example, counts could be done from 2-4pm on consecutive weekdays (Tuesday – Thursday) during the same week or in consecutive weeks. Weekday counts should always be done Tuesday through Thursday, and never on a holiday. Weekend counts can be done on either day.

Spreadsheet Inputs

Count Date - Bicycle and pedestrian activity is more common on certain days of the week and during certain months of the year. The count date allows the spreadsheet to consider the day of the week and month of the year of the count.

Count Time - Bicycle and pedestrian activity tends to vary by time of day, with certain peak periods seeing relatively more activity.

Type - The factors currently are designed to be used for locations in or along (a) multi-use pathways (PATH) and (b) higher density pedestrian and entertainment areas (PED). If the bicycle or pedestrian count was performed on a multi-use pathway, select PATH. Otherwise select PED.

Climate Zone - Seasonal bicycle and pedestrian activity varies depending on the local climate. For example, winter is a relatively higher season for non-motorized activity in the desert environment of the Southwest as compared to the cold winters of the Northeast. Choose which of the three climate options best describes the local environment where the count was performed.

Two Hour Count Volume - The factors used in this worksheet are for combined bicyclist and pedestrian volumes and can be used for either mode.

Inputs - Green cells require your attention.

Input your two-hour count total	42
Count date	9/15/2015
Count time: Enter first hour of two hour count period	7:00 AM
Type: Path or PED District	PED District
Climate Zone: Long Winter Short Summer, Moderate Climate, or Very Hot Summer Mild Winter	Moderate Climate

Multiplier Value Outputs - Orange cells are the daily, weekly, monthly and annual estimates.

1.05	2 hour period multiplied by 1.05	44.10
6%	Your two hour count extrapolated to an estimated daily figure. See Table 1 for adjustment factors used.	735
13%	Your daily estimate extrapolated to a weekly estimate. See Table 2 for the adjustment factor used.	5,654
4.29	Your weekly estimate multiplied by the number of weeks in the count month (# of days in month/7).	24,231
8%	Your monthly estimate extrapolated to an annual figure. See Table 3 for the adjustment factor used.	302,885

Daily Activity (Tuesday)

Weekly Activity

Monthly Activity (September)

Annual Activity

Table 1: Hour to Day

(6AM - 10PM = 95% OF ALL USAGE)

Hour	APR-SEP 6am - 9pm				OCT-MAR 6am - 9pm			
	--- PATH---		--- PED District---		--- PATH---		--- PED District---	
	wkdy	wkend	wkdy	wkend	wkdy	wkend	wkdy	wkend
	X							
600	2%	1%	1%	1%	2%	0%	1%	0%
700	4%	3%	2%	1%	4%	2%	2%	1%
800	7%	6%	4%	3%	6%	6%	3%	2%
900	9%	9%	5%	3%	7%	10%	5%	4%
1000	9%	9%	6%	5%	9%	10%	6%	5%
1100	9%	11%	7%	6%	9%	11%	8%	8%
1200	8%	10%	9%	7%	9%	11%	9%	10%
1300	7%	9%	9%	7%	9%	10%	10%	13%
1400	7%	8%	8%	9%	9%	10%	9%	11%
1500	7%	8%	8%	9%	8%	10%	8%	8%
1600	7%	7%	7%	9%	8%	8%	7%	7%
1700	7%	6%	7%	8%	7%	5%	6%	6%
1800	7%	5%	7%	8%	6%	3%	7%	6%
1900	5%	4%	7%	8%	4%	2%	7%	6%
2000	4%	3%	7%	8%	2%	1%	6%	6%
2100	2%	2%	6%	8%	2%	1%	5%	5%

Table 2: Day to Week

DAILY ADJUSTMENT FACTORS

SUN	18%
MON	14%
TUES	13%
WED	12%
THURS	12%
FRI	14%
SAT	18%

Note: Holidays use weekend rates

Table 3: Region and Month

MONTHLY ADJUSTMENT FACTORS

CLIMATE REGION	Long Winter Short Summer	Moderate Climate	Very Hot Summer Mild Winter
JAN	3%	7%	10%
FEB	3%	7%	12%
MAR	7%	8%	10%
APR	11%	8%	9%
MAY	11%	8%	8%
JUN	12%	8%	8%
JUL	13%	12%	7%
AUG	14%	16%	7%
SEP	11%	8%	6%
OCT	6%	6%	7%
NOV	6%	6%	8%
DEC	3%	6%	8%



January 25, 2016
ATAC Agenda Item 7.4
Continued From: NEW

Action Requested: INFORMATION

NAPA COUNTY TRANSPORTATION AND PLANNING AGENCY ATAC Agenda Letter

TO: Active Transportation Advisory Committee
FROM: Kate Miller, Executive Director
REPORT BY: Diana Meehan, Associate Planner
(707) 259-8327 / Email: dmeehan@nctpa.net
SUBJECT: Vision Zero

RECOMMENDATION

Information only

EXECUTIVE SUMMARY

NCTPA is interested in coordinating a Vision Zero campaign locally to reduce traffic-related casualties in the county. Vision Zero is a strategy that seeks to reduce traffic related fatalities (bike/pedestrian/vehicle) by adopting and implementing policies and dedicating resources that commit to building better and safer streets, educating the public on traffic safety, and enforcing traffic laws. Successful Vision Zero strategies are being implemented in many cities across the nation and should be considered for Napa County in order to provide the safest user experience possible on all our roadways.

FISCAL IMPACT

Is there a Fiscal Impact? No

BACKGROUND AND DISCUSSION

Vision Zero was first launched in Sweden in 1997 to address the serious issue of traffic related fatalities on public roadways. When Vision Zero was initiated, Sweden recorded seven traffic fatalities per 100,000 people; today, despite a significant increase in traffic volume, that number is fewer than three. This strategy is now gaining momentum in the United States where several cities have adopted policies and action plans in order to achieve similar results. To implement successful Vision Zero strategies, there must be commitment and support from multiple stakeholders, including

but not limited to City Government, Transportation Officials, Public Works, Law Enforcement and Public Health. Vision Zero strategy goals and policies are very much in alignment with Complete Streets concepts of providing safe mobility for all users. These strategies require a strong commitment from stakeholders to accelerate change in areas where safety improvements are most needed.

Vision Zero action plans are made up of four major components:

- Education
- Engineering
- Enforcement
- Evaluation

Each component requires a citywide effort in order to achieve citywide results. Educating the public on the issue of traffic related fatalities and the roles and responsibilities of each user of the transportation network is a key feature of a successful Vision Zero program. The responsibility for this component is with all stakeholders and establishes the level of commitment for accomplishing the goal of improved safety and reduction of transportation related fatalities through greater understanding. This can be achieved using various methods:

- Pledge of commitment to reduce fatalities (See US DOT Mayors Challenge link)
- Safe Routes to School Programs
- Media Safety Campaigns
- Education Forums
- Public Outreach

Engineering better, safer streets takes the commitment of city/county staff to use best practices whenever feasible for all modes. A proactive rather than reactive approach to designing transportation systems for all users and all modes can drastically improve safety and function. This step can be achieved by focusing improvements in areas with the highest safety concerns. Some treatments include:

- Road Diets
- Enhanced Crossings
- Reduced Traffic Speed
- Separated Bike Lanes
- Pedestrian Scale Street Lighting
- Bulb Outs

Public Safety can achieve an effective level of enforcement, not only through citation for infractions among all users, but also by taking the opportunity to educate them on the severity of the impacts when not taking personal responsibility. Focusing on violations that have potential for the most catastrophic outcomes such as:

- Speeding
- Distracted Driving
- Failure to Yield
- Red Lights/Stop Signs
- Violations by Pedestrians & Cyclists

Evaluation of existing conditions in high conflict zones within the network and a comprehensive view of opportunities for improvement will maintain focus on the ultimate goal of reducing traffic related fatalities. Often times, only a small percentage of streets have the highest rate of accidents. In San Francisco an inventory of traffic data showed that 70% of severe and fatal traffic related injuries occurred on just 12% of the streets. This allowed the city to focus resources and improvements in those areas. Establishing benchmarks and monitoring progress will keep focus on the vision.

Many participant jurisdictions have been effective at reducing auto-related incidents by also launching Vision Zero campaigns and using marketing techniques to encourage drivers to adhere to traffic laws.

NCTPA so far has queried the County Sherriff and Health and Human Services. Both have indicated a desire to coordinate efforts. NCTPA will make additional inquiries to other jurisdictions and departments.

For more information on Vision Zero, go to:

<http://www.visionzeroinitiative.com/>

<https://www.transportation.gov/mayors-challenge>

SUPPORTING DOCUMENTS

None