



625 Burnell Street, Napa CA 94559

Napa County Transportation and Planning Agency (NCTPA)

Technical Advisory Committee (TAC)

*****SPECIAL MEETING*****

AGENDA

Thursday, December 4, 2014
12:30 PM

NCTPA/NVTA Conference Room
625 Burnell Street
Napa CA 94559

General Information

All materials relating to an agenda item for an open session of a regular meeting of the Technical Advisory Committee (TAC) which are provided to a majority or all of the members of the TAC by TAC 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 TAC, 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 TAC at the meeting will be available for public inspection at the public meeting if prepared by the members of the TAC 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 TAC on any item at the time the TAC 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 TAC Secretary. Also, members of the public are invited to address the TAC 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 Assistant, 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 – TAC or go to <http://www.nctpa.net/technical-advisory-committee-tac>.

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

ITEMS

1. Call to Order
2. Introductions
3. Public Comments
4. TAC Member and Staff Comments

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

- | 5. <u>REGULAR AGENDA ITEMS</u> | <u>RECOMMENDATION</u> | <u>TIME</u> |
|---|------------------------------|--------------------|
| 5.1 Vine Trail Maintenance (Danielle Schmitz)

Maintenance options for the Vine Trail will be discussed. | INFORMATION/
ACTION | 12:30 –
1:30 PM |
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 | | |
| 6. <u>STANDING AGENDA ITEMS</u> | <u>RECOMMENDATION</u> | <u>TIME</u> |
| 6.1 Congestion Management Agency (CMA) Report* | INFORMATION | 1:30 PM |
| 6.2 Project Monitoring Funding Programs* | INFORMATION | 1:45 PM |
| 6.3 Transit Update* (<i>VINE Ridership</i>) | INFORMATION | 2:00 PM |
| 6.4 Caltrans Report* | INFORMATION | 2:10 PM |
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 | | |
| 7. <u>CONSENT ITEMS (7.1 – 7.2)</u> | <u>RECOMMENDATION</u> | <u>TIME</u> |
| 7.1 Approval of Meeting Minutes of November 6, 2014 (Renee Kulick) (<i>Pages 4-7</i>) | APPROVE | 2:20 PM |
| 7.2 2015 Technical Advisory Committee (TAC) Meeting Calendar (Danielle Schmitz) (<i>Pages 8-9</i>)

TAC action will recommend that the NCTPA Board approve the 2015 TAC meeting calendar. | APPROVE | |
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| 8. <u>REGULAR AGENDA ITEMS</u> | <u>RECOMMENDATION</u> | <u>TIME</u> |
| 8.1 Countywide Pedestrian Master Plan (Diana Meehan) (<i>Pages 10-18</i>)

Fehr & Peers will provide an overview of the process and timeline to complete the Pedestrian Master Plan. | INFORMATION | 2:30 PM |

- | | | | |
|------------|---|------------------------------|--------------------|
| 8.2 | Napa Countywide Transportation Plan: Vision 2040 <i>Moving Napa Forward</i> (Danielle Schmitz) (Pages 19-34) | INFORMATION | 2:50 PM |
| | Staff will provide an update on the Countywide Transportation Plan and Community Based Transportation Plan. | | |
| 8.3 | Nomination and Election of Chairperson and Vice Chairperson of the Technical Advisory Committee (TAC) (Danielle Schmitz) (Pages 35-36) | APPROVE | 3:10 PM |
| | TAC action will nominate and elect a Chair and Vice Chair for CY 2015. | | |
| 8.4 | Draft 2015 Technical Advisory Committee (TAC) Work Plan (Danielle Schmitz) (Pages 37-38) | APPROVE | 3:20 PM |
| | TAC action will adopt the draft 2015 TAC Work Plan. | | |
| 8.5 | Legislative Update and State Bill Matrix* (Kate Miller) | INFORMATION/
ACTION | 3:40 PM |
| | TAC will receive the monthly Federal and State Legislative Update. | | |
| 9. | <u>FUTURE AGENDA ITEMS</u> | | 3:50 PM |
| 10. | <u>ADJOURNMENT</u> | <u>RECOMMENDATION</u> | <u>TIME</u> |
| 10.1 | Approval of Regular Meeting Date of January 8, 2015 and Adjournment | APPROVE | 4:00 PM |

I 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., Wednesday November 26, 2014.

Karalyn E. Sanderlin, NCTPA Board Secretary

*Items will be made available at the meeting

**Technical Advisory Committee
(TAC)**

MINUTES

Thursday, November 6, 2014

ITEMS

1. Call to Order

Chair Holley called the meeting to order at 2:04PM (local).

Jason Holley, Chair	City of American Canyon
Brent Cooper	City of American canyon
Mike Kirn	City of Calistoga
Eric Whan, Vice Chair	City of Napa
Nathan Steele	Town of Yountville
David Morrison	County of Napa
Paul Wilkinson	County of Napa
Doug Weir	PCC
Ahmad Rahimi	Caltrans

2. Introductions

David Morrison, Director of Planning, Building and Environmental Services for the County of Napa

3. Public Comments

None

4. TAC Member and Staff Comments

County of Napa – Member Wilson updated TAC of the Partrick Road Bridge repair.

Town of Yountville – Member Steel informed TAC of

- Joe Tagliaboschi – the new Public Works Director for the City of St. Helena.
- Recycle Water Project is near completion and under budget.

City of Napa – Vice Chair Whan announced

- Two-way street conversion has resulted in no issues to date.
- Earthquake recovery still in progress.

Caltrans – Representative Rahimi announced that a new division chief has been assigned to serve as the Napa/Solano communities.

PCC – Member Weir mentioned concerns about ADA sidewalk access and repairs.

City of American Canyon – Member Cooper announced the SR29 Specific Plan kick-off. Chair Holley informed TAC of the Interconnect Signal Operations meeting with Caltrans.

NCTPA - Staff provided TAC with the following information and handouts:

- Notice to Public Works – joint Napa/Sonoma training for Risk Based Invoicing; limited space available of two (2) from each jurisdiction.
- Napa Countywide Pedestrian Plan contract approved by the Board; kick-off meeting set for 11/7/14.
- TAC special meeting scheduled on 12/4 to accommodate a Vine Trail presentation/meeting luncheon.
- PTAP call for projects were due 11/3; Yountville only application received.

5. Standing

5.1 Congestion Management Agency (CMA) Report

No report available as the October 2014 meeting was canceled.

5.2 Project Monitoring Funding Programs

Staff provided TAC with the latest project reporting data and deadlines.

- Oakville Cross Road invoice due in February 2015.
- California Roundabouts – Decision to be made in January 2015 if extension of STIP funding obligation is needed.
- St. Helena – SR29/Grayson Ave Signal Construction – consultation needed as the request for authorization submittal date has passed.

Vice Chair Whan informed Staff that Project 504328 – First Street Over Napa River – has been revised; invoice to be submitted once paid and close-out package being prepared.

5.3 Transit Report (*VINE Ridership*)

- Clipper card has gone live as of November 3, 2014.
- Based on continued ridership increase it is anticipated to reach the 1M rider mark by the end of this fiscal year.
- Bus stop shelter on First Street is being evaluated for replacement.
- NCTPA working jointly with NVUSD and Harvest Middle School on bus stop renovation.
- Assisted St. Helena in fixed route change.

5.4 Vine Trail Report

- Discussion of maintenance responsibilities of the Vine Trail Oaknoll Segment.

6. **Caltrans Report.** – Caltrans Representative Rahimi provided TAC with the latest Caltrans road project report update. Chair Holley requested an inquiry as to the water supply and/or source provider to support irrigation of the Jameson Canyon landscape being established under project EA 2641A.

7. CONSENT AGENDA ITEMS (7.1)

7.1 Approval of Meeting Minutes

Meeting minutes of October 2, 2014 were approved as written.
MSC* STEELE / WHAN for **APPROVAL** and unanimously carried.

8. REGULAR AGENDA ITEMS (8.1-8.8)

8.1 Napa Countywide Transportation Plan (CWTP) – Draft Project and Program Lists

TAC reviewed and provided comment on the CWTP draft project and program lists, discussed and agreed on the establishment of an ad-hoc committee to develop a draft Expenditure Plan Blue Print. The committee appointed will include members from the County of Napa/City of Napa, American Canyon and one member representing up-valley jurisdictions (Calistoga, St. Helena, or Yountville). The ad-hoc committee will conduct its meetings following the TAC meetings.

MSC* WHAN / MORRISON for **APPROVAL** and unanimously carried.

8.2 Lifeline Transportation Program Cycle 4 Call for Projects

Information Only/ No Action Taken

Staff provided TAC with an overview of the NCTPA Lifeline Transportation Program Cycle 4 wherein up to \$1.2M in federal and state funds through MTC are made available to public transit, non-profits, and other local government agencies through a competitive application and evaluation process. The program is intended to fund projects included in community-based transportation plans and serve low income communities.

8.3 Senate Bill 743 Draft CEQA Guideline Changes – Comment Letter

Information Only / No Action Taken

Staff provided TAC with a draft comment letter addressing Senate Bill (SB) 743 Draft CEQA Guideline Changes to be submitted by NCTPA to the Governor's Office of Planning and Research (OPR) by the comment

closing date on November 21, 2014. Staff encouraged jurisdictions to provide additional comments to OPR by the set deadline.

8.4 Cap and Trade Program Update on the Affordable Housing Sustainable Communities Draft Program Guidelines

Information Only / No Action Taken

TAC received an update on the Affordable Housing Sustainable Communities draft program guidelines and discussed the letter incorporating comments received from the jurisdictions submitted to the Strategic Growth Council on October 28, 2014.

8.5 Legislative Update and State Bill Matrix

Staff provided TAC with a Federal and State legislative update, including review of bills signed into law, vetoed or failed. There was no action on the bill matrix required.

8.6 NCTPA Board of Directors Agenda for November 19, 2014

Information Only / No Action Taken

Staff provided TAC with the draft NCTPA Board of Directors Agenda for the November 19, 2014 meeting.

8.7 Topics of Next Meeting

Discussion

- CWTP
- TAC Meeting 2015 Calendar Dates
- TAC Chair and Vice Chair Elections
- Vine Trail Coalition Presentation
- Cap and Trade Update

9. ADJOURNMENT

Next regular meeting date of December 4, 2014, at 2:00 PM has been cancelled and in its place a Special Meeting has been called for December 4, 2014 at 12:30 PM to accommodate a discussion and presentation on Vine Trail Maintenance by the Vine Trail Coalition.

MSC* WHAN / HOLLEY for APPROVAL and unanimously carried adjourned at 3:45 PM.



December 4, 2014
TAC Agenda Item 7.2
Continued From: NEW
Action Requested: ACTION

NAPA COUNTY TRANSPORTATION AND PLANNING AGENCY TAC Agenda Letter

TO: Technical Advisory Committee (TAC)
FROM: Kate Miller, Executive Director
REPORT BY: Danielle Schmitz, Program Manager - Planning
(707) 259-5968 / Email: dschmitz@ncpta.net
SUBJECT: 2015 Technical Advisory Committee (TAC) Meeting Calendar

RECOMMENDATION

That the Technical Advisory Committee (TAC) recommend that the Napa County Transportation and Planning Agency (NCTPA) Board approve the 2015 TAC meeting calendar at the December 17, 2014 Board meeting.

EXECUTIVE SUMMARY

The NCTPA Board approves a TAC meeting calendar at the beginning of every calendar year. At the November 6th TAC meeting staff brought a proposed calendar to TAC to be edited and brought back at the December meeting for formal action (attached).

FISCAL IMPACT

Is there a Fiscal Impact? No

BACKGROUND AND DISCUSSION

None

SUPPORTING DOCUMENTS

Attachment: (1) Proposed 2015 TAC Meeting Calendar

2015 TAC Meeting Calendar

January 2015						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
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February 2015						
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March 2015						
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April 2015						
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June 2015						
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July 2015						
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August 2015 – No Meeting						
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September 2015						
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October 2015						
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November 2015						
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29	30					

December 2015						
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US HOLIDAYS AND OBSERVANCES

JAN 01 – NEW YEAR'S DAY
 JAN 19 – M.L. KING DAY
 FEB 16 – PRESIDENT'S DAY
 MAY 25 – MEMORIAL DAY
 JUL 04 – INDEPENDENCE DAY

SEP 07 – LABOR DAY
 OCT 12 – COLUMBUS DAY
 NOV 11 – VETERAN'S DAY
 NOV 26 -27– THANKSGIVING DAY
 DEC 25 – CHRISTMAS DAY



December 4, 2014
TAC Agenda Item 8.1
Continued From: NEW
Action Requested: INFORMATION

NAPA COUNTY TRANSPORTATION AND PLANNING AGENCY TAC Agenda Letter

TO: Technical Advisory Committee
FROM: Kate Miller, Executive Director
REPORT BY: Diana Meehan, Associate Planner
(707) 259-8327 / Email: dmeehan@nctpa.net
SUBJECT: Countywide Pedestrian Master Plan

RECOMMENDATION

The Technical Advisory Committee will receive an overview by Fehr & Peers of the process and timeline to complete the Pedestrian Master Plan.

EXECUTIVE SUMMARY

NCTPA Staff and Fehr & Peers met on November 7th for the Pedestrian Plan kick-off meeting to review the goals and timeline of the Pedestrian Master Plan. Fehr & Peers will present an overview of the process and timeline to TAC.

FISCAL IMPACT

Is there a Fiscal Impact? No

BACKGROUND AND DISCUSSION

To identify and prioritize pedestrian projects, programs and planning efforts of countywide significance, NCTPA has contracted with Fehr and Peers to prepare a Countywide Pedestrian Master Plan. The Plan will provide the background, direction, and tools needed to improve the active transportation network to encourage pedestrian/walking trips in Napa County and improve pedestrian safety for all users. The plan will be an important component for the coordination of planning and programming pedestrian projects for all Napa County jurisdictions, and help draw new grant funding to support Napa's high priority bicycle and pedestrian projects.

The plan will be similar to the countywide bicycle plan which was completed in 2011, but with specific focus on pedestrians. Once completed, both the Countywide Bicycle Plan

and Pedestrian Master Plan will be combined to form a complete active transportation plan for Napa County.

At its October 15th meeting, the NCTPA Board approved Work Authorization No. 2 to NCTPA Agreement No. 12-18 with Fehr & Peers. Key Fehr & Peers staff from on the project include:

- Steve Crosley, AICP Associate, Project Manager
- Meghan Mitman, AICP Senior Associate
- Kendra Rowley, EIT Transportation Planner

The Fehr & Peers team will present the project timeline and review the process for working with the TAC as an advisory committee for creating a comprehensive Pedestrian Master Plan for Napa County.

Additional Upcoming Pedestrian Plan-related Meetings

- ATAC meeting: December 8th, 5:00 pm
- Jurisdiction meetings: December 8th, midday before ATAC meeting and December 9th
- Public Workshops: January 21st, 22nd, 27th, 28th, and 29th, 6-8 pm – locations TBD

SUPPORTING DOCUMENTS

Attachment: Fehr & Peer Staff Resumes



Meghan Mitman, AICP

Senior Associate

about

Meghan Mitman has over twelve years of transportation planning and engineering experience, which has included Pedestrian and Bicycle Planning, Safety, and Research; Transportation Demand Management Planning and Assessment; Greenhouse Gas Estimation and Climate Action Planning; Community, Neighborhood, and Station Area Planning; Public Involvement; Senior Mobility Planning; Traffic Calming; and Transportation Impact Assessments. She is an expert in active transportation planning and safety, having co-authored the multi-award winning *California Pedestrian Safety Assessments Technical Guidebook* and served as the project manager for numerous pedestrian and bicycle safety assessments in cities across California and Nevada. She is a national instructor for the FHWA's pedestrian planning, safety, and design courses.

Meghan has published five articles based on her pedestrian-related research in TRB's *Transportation Research Record*, which have included a specific focus on crosswalk behavior, safety, and countermeasures as well as pedestrian demand forecasting. She is a co-author for the draft ITE Recommended Practice on *Accommodating Pedestrians and Bicyclists at Interchanges*.

Meghan is the Operations Manager for Fehr & Peers' San Francisco office in addition to her role as a senior project manager and Associate-in-Charge on many interesting and challenging projects. She was honored as the 2010 Member of the Year for the WTS San Francisco Bay Area chapter, and serves on the board of directors for the chapter. She is also a member of the TRB Pedestrian Committee and Research Subcommittee, and the Chair of the ITE Pedestrian/Bicycle Council.

Meghan has a bachelor's degree with high honors in Operations Research and Financial Engineering from Princeton University. She also holds dual master's degrees in Transportation Engineering and City and Regional Planning from the University of California at Berkeley. In graduate school she received the prestigious Eno and Eisenhower Fellowships.

education

- Master of Science in Civil (Transportation) Engineering, University of California, Berkeley, 2007
- Master of City and Regional Planning, University of California, Berkeley, 2007
- Bachelor of Science in Operations Research and Financial Engineering, Princeton University, 2002

registrations

AICP

professional affiliations

- Institute of Transportation Engineers
- American Planning Association
- Women's Transportation Seminar
- Transportation Research Board
- Association of Pedestrian and Bicycle Professionals

expertise

- Complete Streets
- Pedestrian and Bicycle Safety
- Active Transportation Planning
- Station Area Planning
- Transportation Demand Management

honors and awards

- APA Northern California Project of Merit, *SFMTA's WalkFirst Capital Projects Prioritization Outreach and Program*, 2014
- ITE Bicycle and Pedestrian Council Best Technical Project - *Utah Department of Public Health Bicycle and Pedestrian Master Plan Handbook*, 2012
- Member of the Year, WTS San Francisco Chapter, 2010
- California Pedestrian Safety Assessments: Best Program 2009, ITE Planning Council; Best Practice 2009, APA California
- MacArthur BART Access Feasibility Study, Northern California APA Project of Merit, 2008
- Eno Fellow, Eno Transportation Foundation, 2007
- 2005-2007 Eisenhower Graduate Fellow, National Highway Institute
- 2005-2006 University of California Transportation Center Fellow

publications and presentations

- Mitman, M. and M. Ridgway (2014), "Draft Recommended Practice on Accommodating Pedestrians and Bicyclists at Interchanges," ITE.
- Mitman, M. (2014), "Tactical Urbanism Case Studies and Considerations for ITE Members," ITE Technical Meeting, Miami, FL
- Mitman, M. (2013), "Finding or Building the Right Tool for the Job: Familiar and Cutting-Edge Tools for Transportation Demand Management Evaluation," Presented at the TRB Annual Meeting.
- Schneider, R., et al (2012), "Development and Application of the San Francisco Pedestrian Intersection Volume Model," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2299, Transportation Research Board of the National Academies, Washington, D.C., 2012, pp. 65-78.
- Mitman, M. (2012), "ITE Pedestrian/Bicycle Council's Separated Bikeways Informational Report," presented at the ITE Annual Meeting, Atlanta, GA.
- Mitman, M., D. Cooper, and B. DuBose (2010), "Driver and Pedestrian Behavior at Uncontrolled Crosswalks in the Tahoe Basin Recreation Area," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2198, Transportation Research Board of the National Academies, Washington, D.C., 2010, pp. 23-31.
- Feldman, M., J. Manzi, and M. Mitman (2010), "An Empirical Bayesian Evaluation of the Safety Effects of High-Visibility School (Yellow) Crosswalks in San Francisco," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2198, Transportation Research Board of the National Academies, Washington, D.C., 2010, pp. 8-14.
- Mitman, M. (2009), "Pedestrian Safety Assessments: Sharing Lessons Learned from California's New Program," APBP Webinar.
- Mitman, M. (2009), "Crossing the Complete Street," Presented at the Sacramento Complete Streets Workshop.
- Mitman, M. and S. Reynolds (2008), "Pedestrian Crosswalk Policies: New Tools & Treatments," ITE Webinar, July 17, 2008 and November 12, 2008
- Mitman, M. and M. Ridgway (2008), "Re-envisioning Access to the MacArthur BART Station," Presented at the 2008 ITE Annual Meeting, Anaheim, CA
- Mitman, M., D. Ragland, and C. Zegeer (2008), "Some Missing Links in a 35-Year Debate: Marked and Unmarked Crosswalks," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2073, Transportation Research Board of the National Academies, Washington, D.C., 2008, pp. 86-93.
- Mitman, M. and D. Ragland (2007), "Crosswalk Confusion More Evidence Why Pedestrian and Driver Knowledge of the Vehicle Code Should Not Be Assumed." *Transportation Research Record: Journal of the Transportation Research Board*, No. 2002, Transportation Research Board of the National Academies, Washington, D.C., 2007, pp. 55-63.

project experience

Federal Highway Administration Pedestrian Safety, Planning, and Design Courses, National Instructor

Meghan leads national training courses on pedestrian safety on behalf of the Federal Highway Administration. Courses focus on policies, planning, design, operations, countermeasure identification, community engagement, and evaluation for active transportation promotion and injury prevention. The target audience ranges from engineers and planners to public health professionals, advocates, and elected officials.

WalkFirst San Francisco, Associate-in-Charge

Meghan oversaw the award-winning San Francisco WalkFirst project as the Associate-In-Charge of the consultant team. This project proposed a Pedestrian Safety Capital Improvement Program for San Francisco (CIP), a set of projects and programs that San Francisco will implement over five years to help achieve the City's Vision Zero pedestrian safety goal. Projects address pedestrian safety issues on the City's High Injury Network, streets and intersections that represent just six percent of San Francisco's street miles but account for 60 percent of severe and fatal injuries. To develop the CIP, Fehr & Peers led a multi-agency, charrette-based collaboration process; coordinated with an extensive public outreach process; conducted GIS-based analysis for the data driven approach; and produced well-received infographics.

San Pablo Avenue Complete Streets, Project Manager

The San Pablo Avenue Complete Streets Study focused on improving multimodal access, safety and connections along the San Pablo corridor in the City of San Pablo by identifying needs and prioritizing improvements that will facilitate pedestrian, bicycle and transit trips. At the heart of this process was a public outreach effort that brought together surrounding residents, business owners, partner agencies, and other key stakeholders to ensure that the final plan recommendations are both relevant to, and supported by, the local community. As a result of the community collaboration and the high quality work product, the design and construction of the preferred alternative received full funding from MTC through the OBAG grant process. Meghan oversaw a multi-firm team for this project and directed all technical, outreach, and management components.

Nevada County Pedestrian Improvement Plan, Project Manager

Meghan was the project manager for this multi-agency-spanning Pedestrian Master Plan. The Plan was intended to guide and influence pedestrian infrastructure, policies, programs, and development standards to make walking in Nevada County more safe, comfortable, convenient, and enjoyable for all pedestrians. The ultimate goal of this Plan was to increase the number of persons in Nevada County that walk for both utilitarian and recreational purposes. The Pedestrian Improvement Plan was developed to complement the general plans of all Nevada County jurisdictions: Nevada County, the City of Grass Valley, the City of Nevada City, and the Town of Truckee. Meghan led

all technical, management, and public outreach tasks for this effort, including direct coordination with the local jurisdiction and advocacy group representatives.

NCHRP 20-05: Traffic Control Device Application at Pedestrian Crossings of Streets and Highways, Panel Member

Meghan is serving as the nominated representative for the international consultant community on this panel. The synthesis study will look at the safety and operational considerations for crossing treatments to reduce pedestrian/motor vehicle crashes at intersections.

FHWA Evaluation of the Rectangular Rapid Flashing Beacon, Project Panel Member

Meghan is serving as a nominated review panel member for this project, representing the practitioner's perspective. The national study is investigating characteristics of flashing beacons as relates to safety and driver/pedestrian behavior to inform future MUTCD adoption of this critical safety device.

Albany Active Transportation Plan, Project Manager

Recognizing walking and bicycling as healthy, accessible, and green forms of transportation, the City of Albany embarked on developing its first Pedestrian Master Plan, and an update to the Bicycle Master Plan in 2010. These Plans will be blueprints for the future of walking and bicycling in Albany, laying out the policies, programs, practices, and infrastructure projects, as determined through a collaborative outreach process. Meghan led this project, which included technical oversight, policy development, subconsultant management, and coordination all community involvement activities.

California Pedestrian and Bicycle Safety Assessments Program, Office of Traffic Safety, Lead Evaluator and Project Manager

On behalf of the California Office of Traffic Safety (OTS) and the UC Berkeley Institute for Transportation Studies Technology Transfer Program (Tech Transfer), Fehr & Peers developed technical guides to conduct pedestrian safety assessments (PSAs) and Bicycle Safety Assessments (BSAs) in California. The guide incorporates best practices in pedestrian safety engineering, planning, and policy. Meghan was a lead author of the manuals and is also one of the expert evaluators for this program. She has managed PSAs and BSAs throughout California since the project's inception in 2008.



Steve Crosley, AICP

Associate

about

Steve has over eight years of project management experience in transportation planning, and one of his key geographical focus areas is Napa County. He is currently managing Fehr & Peers' effort on the American Canyon Town Center Project, Napa Pipe Project, the NCTPA SR 29 Corridor Project, and various other studies in the County of Napa and City of American Canyon. As a companywide transit expert, he is currently managing Fehr & Peers' on SamTrans El Camino BRT Phasing Plan, SFCTA Geneva-Harney BRT Feasibility Study Project, Emery Go Round Service Evaluation, and the Fresno-Yosemite Transit Service Plan. His focus is also on pedestrian planning and needs as every transit trip starts or ends with a walk trip.

education

Master of Arts, Urban Planning,
University of California, Los Angeles, 2006

Bachelor of Arts, Economics,
University of California, Berkeley, 1999

registrations

American Institute of Certified Planners (023436)

professional affiliations

American Planning Association (APA)

honors and awards

Council of University Transportation Centers Neville A. Parker Award for Best Non-Thesis Masters Paper in Policy & Planning in Transportation, 2006

project management experience

Highway 29 Gateway Corridor Improvement Plan

This planning project, led by the Napa County Transportation and Planning Agency (NCTPA) is seeking to develop a community-driven vision and improvement strategy for the portion of California State Route 29 (SR 29) between SR 37 in the City of Vallejo and Trancas Street in the City of Napa. The vision includes multi-modal transportation improvements that meet the needs of all users, including motorists, transit riders, pedestrians and bicycles. Fehr & Peers played an integral role in modeling the proposed improvements using the Napa-Solano Travel Demand model, updated to reflect the latest land use projections developed by ABAG (MTC Plan Bay Area) and City of American Canyon (Circulation Element Update). Additional support was provided during development of existing conditions, future baseline conditions, stakeholder and community outreach, corridor BRT evaluation, and documentation of policies, plans, and programmed improvements that would affect or guide the corridor visioning process. Follow on work completed by Fehr & Peers included a microsimulation analysis of the Boulevard and modified Boulevard concepts using Vissim software.

Napa Pipe EIR

Fehr & Peers conducted the transportation impact analysis for the redevelopment of the Napa Pipe brownfield industrial site. The project proposes a mixed-use neighborhood containing housing, neighborhood-serving retail and restaurants, research and development (R&D), light industrial and office space, a hotel and extensive parks and public open space. Due to the unique designs of the Napa Pipe project, advanced methods of mixed-use (MXD) trip generation analysis were used to account for such characteristics as the design, density, diversity of land uses, and distance to transit.



San Francisco | Denver | Honolulu | Inland Empire | Oakland | Orange County | Reno
Roseville | Salt Lake City | San Diego | San José | Seattle | Santa Monica | Walnut Creek

Napa County HHSA Campus Project EIR

Fehr & Peers applied a highly tailored approach for this project to address key concerns of Napa County, the HHSA, the City of Napa, and the community at large as part of the HHSA Campus project. The transportation impact analysis included the assessment of impacts to the roadway network, transit, pedestrians, bicycles and site access/circulation. Trip generation and parking demand were developed using empirical data collected on site.

Firestone and Atlantic Station Area Plan

This plan established a preferred alternative for the City of South Gate's Firestone and Atlantic station area. The vision is rooted in the policy goals of the City's General Plan and vetted by the community at large and the City's Planning Commission. Fehr & Peers assisted with analysis of the transportation infrastructure in the station area, including enhanced pedestrian and bicycle facilities that are safe, convenient, and appealing and encourage non-motorized travel within the TOD area and to/from the Orange Line Station; a roadway network that considers all modes (non-motorized, auto, transit) which encourages sustainability and connectivity between area amenities; and improvements to intermodal transit connectivity between existing bus routes and the Orange Line Station via a well-designed and accessible bus transit center and passenger drop off; and order of magnitude cost estimates.

19th Avenue Transit Corridor Investment Study

The 19th Avenue Transit Study builds on recent planning efforts to develop transit and non-motorized improvements to address existing needs and support future land use changes on 19th Avenue in San Francisco. The study considered realignment and grade-separation of the M-Ocean View LRT line, non-motorized improvements, and improved BART connections. Fehr & Peers prepared the existing and future (baseline) multi-modal transportation and land use assessment. Fehr & Peers conducted an assessment of the transportation effects of the M-Ocean View LRT line realignment and grade-separation, including multi-modal corridor performance (reliability, time savings, safety).

South Los Angeles Transportation Master Plan

Fehr & Peers prepared the South Los Angeles Transportation Master Plan (SLATMP) for the City of Los Angeles. The report provided the City of Los Angeles with recommendations for multi-modal transportation improvements in South Los Angeles that are competitive

candidates for grant funding opportunities. The report makes three key recommendations to improve mobility, safety, and quality of life in South Los Angeles: a Rapid Bus Stop Improvement Toolbox; Bus shelter and streetscape improvements; and a renewed focus on maintenance of future transit and pedestrian facilities. Potential benefits from improvements in these locations were weighed in the context of several factors, including demographics, existing and future traffic congestion, pedestrian activity, commercial density, and travel demand model forecasts. The report serves as a blueprint for similar improvement efforts in other South Los Angeles locations, including the Community Plan update process.

San Rafael Lifeline Transportation Program – Phase II

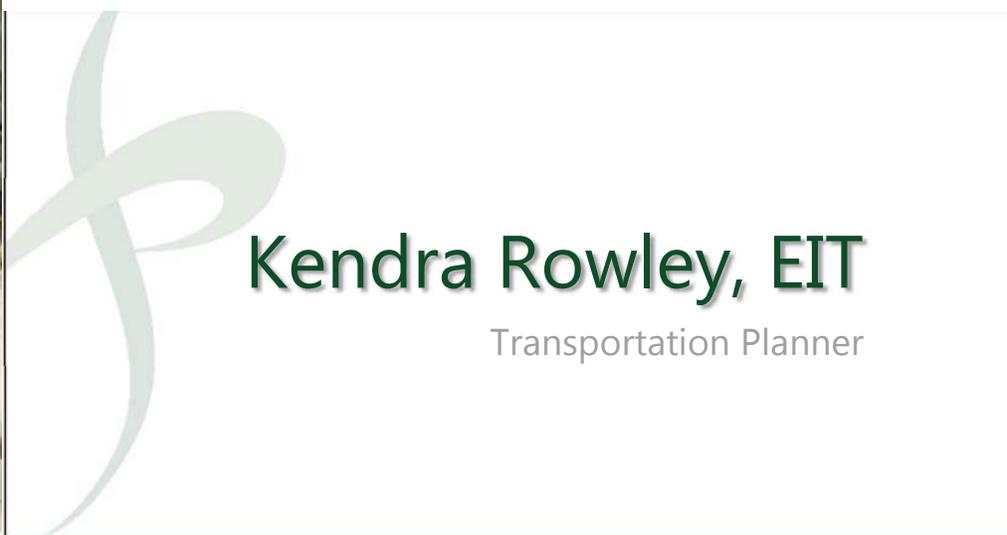
Fehr & Peers completed Multi-Modal and Lighting analyses for the Canal Neighborhood in the City of San Rafael. The Multi-Modal Analysis included observations of deficiencies related to pedestrian, transit, and bicycle access and mobility and recommended strategies to address those deficiencies. The Lighting Analysis included detailed observations and descriptions of deficiencies throughout the study area.

Metro Westside Subway Extension AA/DEIS/FEIS

The Westside Subway Extension would dramatically improve access and mobility to one of the densest regions, both in terms of population and jobs, in the country. Fehr & Peers played a key role in the Alternatives Analysis, developing the Purpose & Need. For the DEIS/DEIR, Fehr & Peers was responsible for evaluating all surface transportation effects of the Metro Westside Subway Extension project, including transit, pedestrian, bicycle, traffic circulation, and parking. A smart growth evaluation of the potential station locations predicting vehicle trip reductions and ridership was also conducted. Fehr & Peers is currently supporting the FEIS/FEIR. Examples of current work tasks include a station circulation analysis, direct ridership forecasting, traffic impact analysis, and updates to the transportation chapter of the report.

Alexander Crossing EIR

Fehr & Peers prepared a transportation impact analysis and the Transportation Chapter of the EIR for the now completed Alexander Crossing project in the City of Napa. The analysis evaluated the transportation-related impacts of the proposed project on traffic, transit, bicycle, and pedestrian movements as well as site circulation and parking.



Kendra Rowley, EIT

Transportation Planner

about

Kendra Rowley has four years of transportation planning and engineering experience in the San Luis Obispo and San Diego region, including Pedestrian Master Plans, Traffic Calming, Bicycle Facility Improvements, Vehicle Miles Traveled Reduction Studies, Transit Route Redesign, Transportation Impact Assessments, Conceptual Design for Planning Documents as well as Signal Design and Signing and Striping. She is passionate about bicycle and pedestrian planning and engineering and is a member of the Fehr & Peers' Bicycle & Pedestrian Discipline Group of companywide experts. Kendra is a car-free resident of San Francisco, is a bicycle enthusiast and advocate, and has a lifetime of experience bicycling for recreational and utilitarian purposes. Biking and walking in her everyday life creates a connection to her work and a real desire to see effective improvements.

Kendra joined Fehr & Peers' San Francisco office in July 2014 as a Transportation Engineer/Planner and has already worked on a variety of challenging and exciting planning and engineering assignments. She served on the Active Transportation Committee at RBF Consulting and is the founder and former Chair of the San Diego Chapter of the Association of Pedestrian and Bicycle Professionals.

Kendra has a bachelor's degree with honors in Civil Engineering from Cal Poly San Luis Obispo.

education

- Bachelor of Science in Civil Engineering, California Polytechnic State University at San Luis Obispo, 2010

registrations

EIT, candidate for PE: October Exam 2014

professional affiliations

- Institute of Transportation Engineers, Member
- Women's Transportation Seminar, Member
- Association of Pedestrian and Bicycle Professionals, Founder of San Diego Section

expertise

- Pedestrian Studies and Long Range Planning
- Bicycle Facility/Intersection Treatments
- Signing & Striping

project experience

City of San Diego Pedestrian Master Plan – Phase 4, Project Planner *RBF Consulting*

Kendra was responsible for preparing pedestrian recommendations for the seven communities included in Phase 4 of the Master Plan. The project team worked closely with the communities of College Area, Kensington-Talmadge, Old Town, Ocean Beach, Pacific Beach, Midway-Pacific Highway and San Ysidro. Community presentations were made at the individual planning group meetings and Open Houses were held to present the recommendations for each community. The improvement areas define routes within each focus area that are in need of safety, connectivity, accessibility, or walkability improvements. The project team identified a minimum of 10 improvements in each of the seven Phase 4 communities.



Silver Strand Traffic Calming, Project Planner *RBF Consulting*

Kendra prepared concepts for Traffic Calming in the Silver Strand community in Ventura County. Various traffic calming tools were considered for the narrow streets and the best options were chosen based on an effort to preserve parking while enhancing safety for pedestrians and bicyclists. Recommended features included narrowed lanes and new bike lanes where space allowed. Recommendations were tailored to the adjacent land use.

Area 14 Pedestrian Study at Camp Pendleton, Project Planner *RBF Consulting*

Kendra prepared a study that evaluated pedestrian connectivity, walkability, access and safety along Vandegrift Boulevard along the Marine Corps Air Station in Southern California. Existing conditions were documented and reviewed to identify current paths of travel and address issues with pedestrian visibility, walking conditions along the corridor and access to the Air Station from various housing facilities and parking locations. Design concepts and cost estimates were developed and prioritized based on a ranking system that considered the projects' success in addressing certain safety, access, and connectivity measures.

MCI West Traffic Study, Project Planner *RBF Consulting*

Kendra developed design concepts for four locations on the Marine Corps Base Camp Pendleton (MCBCP) to address safety concerns with existing pedestrian facilities and locations where there was an identified need for future facilities. Existing conditions were reviewed and alternative improvements were provided to improve the travel environment for pedestrians. Kendra led multiple client meetings to discuss various alternative solutions and their associated effectiveness and cost.

Armorlite Drive Cycle Track *RBF Consulting*

Kendra assisted in the review of alternative concepts for a two-way cycle track on Armorlite Drive as part of the Armorlite Drive Smart Growth Corridor Enhancement Project in San Marcos, CA. She developed concepts for a transition to Class II bike lanes at a major intersection including bike turning boxes and a bicycle signal phase with bike crosswalks.

Individual Pedestrian / Bicycle Safety and Circulation Plans for Eight Public Schools (K-8) (SRTS), Project Planner *RBF Consulting*

Kendra assisted in preparing Safe Routes to School plans for Bathgate Elementary and Phillip J Reilly schools. RBF Consulting prepared Safe Routes to School master plans for seven schools within the Capistrano Unified School District and one charter school. The project was managed by the City of Mission Viejo and required extensive collaboration with the School District, school representatives, and local Sherriff department. Extensive outreach to students, parents, and faculty occurred at each school to identify and develop solutions to barriers to active transportation by students. In addition to the plans, RBF prepared mobility graphics for distribution to parents and children for safe and efficient travel to each school by car, bike, or foot. With the master plans prepared, the City and School District were able to pursue future state and regional funding opportunities for implementation of improvements.

Citywide Traffic Calming Study and Master Plan, Project Planner *RBF Consulting*

Kendra created plans for identified traffic calming measures for study areas to reduce congestion, high speeds, and cut-through traffic. She also assisted with public involvement/community outreach in gathering community feedback regarding traffic calming measures and areas of concern. RBF Consulting, a company of Michael Baker Corporation, provided traffic planning and engineering services to the City to support their efforts to develop a comprehensive vision and plan to establish a toolbox of traffic calming devices, evaluation and prioritization criteria, and a Master Plan to implement them. Working in concert with residents, the plan analyzed primary problem areas and intersections, and identified traffic calming measures for each to reduce congestion, high speeds and cut-through traffic. The plan was developed in consideration of these mobility issues, as well as the Bicycle Master Plan and pedestrian mobility issues, to provide a complete look at the city's overall mobility improvement needs. RBF's scope of work included data collection and analysis, establishment of thresholds and corridor evaluations.



December 4, 2014
TAC Agenda Item 8.2
Continued From: November 4, 2014
Action Requested: INFORMATION

NAPA COUNTY TRANSPORTATION AND PLANNING AGENCY TAC Agenda Letter

TO: Technical Advisory Committee (TAC)
FROM: Kate Miller, Executive Director
REPORT BY: Danielle Schmitz, Planning Manager
(707) 259-5968 / Email: dschmitz@nctpa.net
SUBJECT: Napa Countywide Transportation Plan: Vision 2040 *Moving Napa Forward* Draft Project and Program Lists

RECOMMENDATION

That the Technical Advisory Committee (TAC) review the Napa Countywide Transportation Plan: Vision 2040 *Moving Napa Forward* (CWTP) Draft Project and Program Lists.

EXECUTIVE SUMMARY

As part of NCTPA's responsibilities under the interagency agreement with the Metropolitan Transportation Commission (MTC), the agency is tasked with developing long-range countywide transportation priorities to support regional planning and programming efforts. This effort informs MTC's Regional Transportation Plan and the Sustainable Communities Strategy (RTP/SCS) which is updated every four years. NCTPA last updated the countywide transportation plan in 2009.

NCTPA staff and its consulting team developed a new set of goals and objectives based upon the NCTPA Board feedback at its January 15, 2014 CWTP kickoff retreat. The new goals and objectives were approved at the March 19, 2014 Board Meeting. As part of an effort to make a meaningful plan the Board asked staff to create "performance measures" to go along with the goals and objectives and provide an annual progress report to the Board. In an effort to ensure projects and programs included in the plan are consistent with the goals and objectives, project sponsors scored their projects using the evaluation criteria that was approved at the July TAC meeting.

FISCAL IMPACT

Is there a Fiscal Impact? No

BACKGROUND AND DISCUSSION

At the January 15, 2014 Board retreat, the Board asked staff to create “performance measures” to supplement the Plan’s Goals and Objectives. At the July 2014 meeting the TAC approved the evaluation criteria. TAC has used the evaluation criteria to self-evaluate their transportation projects and programs. The scoring process is a simple one (1) point for every objective met – there are 27 objectives in all. NCTPA also used the evaluation criteria to assess transportation projects and programs that the agency administers.

After the initial compilation of projects, staff conducted second round-robin meetings with each jurisdiction in early October to refine their project and program lists. Attached to this report is the most recent list of countywide projects and programs.

Unlike the RTP, the CTP can be used as visionary planning document and include financially unconstrained project and program lists. NCTPA will include a priority project list that will reflect the constrained projects and programs and a visionary list that will provide an unconstrained list of projects and programs. Staff will work with the CTP consultant team and local jurisdictions over the coming months to create a constrained project list for the CTP. Priority projects will be included in the constrained project list. As future funding becomes available projects will be pulled from the unconstrained project list and put on the constrained list.

Based on preliminary fund projections, there will be a significant shortfall in funding available for CTP projects and programs. At their November meeting the TAC formed an ad-hoc committee to review potential revenue sources that could alleviate this shortfall. The end result, once approved by the TAC and the Board, will form a blue print expenditure plan for future sales tax or other locally generated revenues. The CTP consultant team will work with the ad-hoc committee to come up with a revenue blueprint to better outline future funding opportunities.

Summary of Projects:

Jurisdiction	# of projects	Estimated project Cost	Estimated Need
American Canyon	20	\$126,994,075	\$125,840,075
Calistoga	14	\$21,403,000	\$20,853,000
City of Napa	34	\$173,200,000	\$169,453,000
County of Napa	7	\$22,500,000	\$21,000,000
St. Helena	11	\$31,468,000	\$31,446,722
Yountville	10	\$35,950,000	\$35,950,000
NCTPA	14	\$361,951,090	\$361,951,000
Total	109	\$773,466,165	766,493,887

SUPPORTING DOCUMENTS

- Attachments:
- (1) Countywide Transportation Plan: Vision 2040 *Moving Napa Forward Project List*
 - (2) Countywide Transportation Plan: Vision 2040 *Moving Napa Forward Program List*
 - (3) Countywide Transportation Plan: Vision 2040 *Moving Napa Forward Draft Timeline/Date of Events*

Napa Countywide Transportation Plan: Vision 2040 Moving Napa Forward
Project List

No.	Sponsor	Project Title	Project Description	Project Location			Mode	Project Phase	Total Cost	Total Committed	Types of funds Committed	Total Need	Start Year	End Year	Included in Plan Bay Area	# of Objectives Met
				Location	Start Point	End Point										
1	AC	South Napa Junction Road	New Major Collector from SR 29 to extension of Newell Drive	Newell Drive	SR 29	Newell Drive	Vehicle		\$8,909,227	\$0		8,909,227	2015			
2	AC	Main Street	New Minor Collector from Eucalyptus to South Napa Junction	Main Street	Eucalyptus Drive	So Napa Junction	Vehicle		\$2,021,629	\$0		2,021,629	2020			
3	AC	Devlin Road Segment H	New Industrial Collector from railroad overcrossing to Green Island Rd.	Devlin Road	Railroad overcrossing	Green Island Rd	Vehicle		\$7,795,573	\$0		7,795,573	2017			
4	AC	Eucalyptus Drive/Theresa Avenue Intersection	Widen to 2-lane collector from Theresa to Wetlands Edge Rd., Install roundabout	Eucalyptus Drive/Theresa Avenue Intersection	Eucalyptus Drive	Theresa Avenue	Vehicle		\$7,008,236	\$1,154,000		5,854,236	2020			
5	AC	American Canyon Multimodal Transit Center	Construct transit center	TBD			Bus, rail, bicycle, pedestrian, passenger vehicle		\$12,000,000	\$0	-	12,000,000	2025		No	19
6	AC	Highway 29 Pedestrian Safety Overcrossings	Construct three pedestrian crossings over Highway 29	TBD			Bicycle and pedestrian		\$9,000,000	\$0	-	9,000,000	2020		Yes	18
7	AC	Commerce Boulevard Extension	New Industrial Collector from southern terminus to Eucalyptus Drive	Commerce Boulevard	Eucalyptus Drive	Commerce Boulevard	Vehicle		\$8,073,987	\$0		8,073,987				
8	AC	Eucalyptus Dr/Commerce Blvd. Intersection	Add excl. NBL & SBL, Add exclusive EBL and WBL, Add new sign	Eucalyptus Dr/Commerce Blvd. Intersection			Vehicle		\$840,240	\$0		840,240				
9	AC	Newell Drive/So. Napa Junction Intersection	Add excl. NBL & SBR, Add exclusive EBL and EBR, New traffic signal	Newell Drive/So. Napa Junction Intersection			Vehicle		\$1,202,288	\$0		1,202,288				
10	AC	Newell Drive	New 4-lane arterial from Donaldson Way to South Napa Junction Rd, Paoli Loop Overcrossing Structure, New 2-lane arterial from South Napa Junction Rd to SR 29	Newell Drive	Donaldson Way	Napa Junction Road	Vehicle		\$37,398,160	\$0		37,398,160				
11	AC	Paoli Loop Road Widening	Widen road from Green Island to Newell Extension Industrial Collector standards	Paoli Loop Road	Green Island Road	Newell Extension	Vehicle		\$8,770,020	\$0		8,770,020				
12	AC	Green Island Road Widening	Widen road from SR 29 to Commerce Blvd. to Industrial Collector standards Widen railroad crossing to three lanes	Green Island Road	SR 29	Commerce Boulevard	Vehicle		\$3,516,599	\$0		3,516,599	2018			
13	AC	Kimberly Drive Intersection	Restrict NBL and EBL movement	Kimberly Drive			Vehicle		\$100,000	\$0		100,000				
14	AC	American Canyon Road Intersection	Add 2nd excl. WBR & EBL, Traffic signal modification	American Canyon Road			Vehicle		\$757,700	\$0		757,700				
15	AC	Crawford Way Intersection	Restrict EBL movement	Crawford Way			Vehicle		\$100,000	\$0		100,000				
16	AC	Donaldson Way Intersection	Add 2nd excl. EBL & excl. EBR, Add 2nd excl. WBL and modify excl. WBR, Add excl. NBR & SBR, Traffic signal relocation	Donaldson Way			Vehicle		\$1,832,472	\$0		1,832,472				
17	AC	Poco Way/ South Napa Junction Intersection	Add excl. dual EBL and single EBR, Add excl. dual WBL and single WBR lane, Add excl. NBR & SBR, new traffic signal	Poco Way/ South Napa Junction			Vehicle		\$1,932,472	\$0		1,932,472				
18	AC	Napa Junction Road Intersection	Phase 1 Improvements, Add 2nd excl. WBL and excl. WBR, Add 2nd excl. EBL and excl. EBR, Traffic signal relocation	Napa Junction Road			Vehicle		\$2,938,400	\$0		2,938,400				
19	AC	Napa Junction Road to Green Island Road/ Newell Extension	Paoli Loop Overcrossing Structure	Paoli Loop Road	Napa Junction Road	Green Island Road	Vehicle		\$12,480,000	\$0		12,480,000				
20	AC	Green Island Road/ Newell Extension to So. Kelly Road	Lengthen NB and SB acceleration lanes		Green Island Road	So Kelly Road	Vehicle		\$317,072	\$0		317,072				
21	Calistoga	LSR Rehab	Lake Street Reconstruction and Complete Street Enhancements	Lake Street	Washington Ave	Grant St.	Vehicle	PSE/CON	\$1,950,000	\$0	-	1,950,000	2015	2016	No	13
22	Calistoga	Vine Trail Fair Way Extension	Construct Vine Trail	Fairway	Fair Way	Washington St.	Bike	CON	\$1,200,000	\$0	-	1,200,000	2015	2016	No	13
23	Calistoga	Intersection Improvements at SR 29/128 & Lincoln Ave	Signalization of Intersection at SR 29/128 & Lincoln Ave	SR 29/128 & Lincoln Ave.	SR 29	SR 128	Vehicle	PID/PSE/CON	\$1,900,000	\$0	-	1,900,000	2017	2019	No	14
24	Calistoga	Pedestrian Safety Improvements SR 29 & Cedar Street	In Pavement Lighting	SR 29 and Cedar Street	SR 29	Cedar St	Pedestrian	PSR/PSE	\$100,000	\$0	-	100,000	2017	2018	No	13
25	Calistoga	Pedestrian Safety Improvements SR 29 & Brannan Street	In Pavement Lighting	SR 29 and Brannan Street	SR 29	Brannan St	Pedestrian	PSR/PSE	\$100,000	\$0	-	100,000	2017	2018	No	13
26	Calistoga	Safe Routes to School	Construct foot bridge over the Napa River at Pioneer Park	Pioneer Park and Napa River	Calistoga Community Center	Pioneer Park	Pedestrian	PSR/PSE	\$850,000	\$0	-	\$850,000	2017	2018	No	17
27	Calistoga	Washington Street Reconstruction	Complete Streets Enhancements along Washington Street	Washington Street	Lincoln	Oak	Vehicle	PSE/CON	\$1,200,000	\$0	-	\$1,200,000	2017	2018	No	10

**Napa Countywide Transportation Plan: Vision 2040 Moving Napa Forward
Project List**

No.	Sponsor	Project Title	Project Description	Project Location			Mode	Project Phase	Total Cost	Total Committed	Types of funds Committed	Total Need	Start Year	End Year	Included in Plan Bay Area	# of Objectives Met
				Location	Start Point	End Point										
28	Calistoga	Intersection Improvements at SR 128 & Berry Street	Widen SR 128 and install left turn lane onto Berry Street	SR 128 & Pet Forest Road	On SR 128 300' south of Berry St.	On SR 128 300' north of Berry St.	Vehicle	PID/PSE/CON	\$650,000	\$0	-	\$650,000	2018	2019	No	14
29	Calistoga	Intersection Improvements at SR 29 & Washington Ave	Convert Signal to protected left turn phasing at Intersection of SR 29 & Washington Ave	SR 29 & Washington Ave.	SR 29	Washington	Vehicle	CON	\$500,000	\$0	-	\$500,000	2020	2022	No	14
30	Calistoga	Intersection Improvements at SR 29 & Fair Way	Signalization of intersection at SR 29 & Fair Way	SR 29 and Fair Way	SR 29	Fair Way	Vehicle	CON	\$950,000	\$0	-	\$950,000	2021	2022	No	14
31	Calistoga	Intersection Improvements at SR 29 & Silverado Trail	Signalization of intersection at SR 29 & Silverado Trail	SR 29 and Silverado Trail	SR 29	Silverado Trail	Vehicle	CON	\$853,000	\$0	-	\$853,000	2027	2028	No	14
32	Calistoga	Intersection Improvements at SR 128 & Petrified Forest	Signalization of Intersection at SR 128 & Petrified Forest	SR 128 & Pet Forest Road	SR 128	SR 128	Vehicle	CON	\$650,000	\$550,000	STIP/LM	\$100,000	2015	2017	Yes	14
33	Calistoga	SR-29 Bypass	Calistoga SR-29 Bypass Dunaweal Ln/Tubbs Ln	Dunaweal	SR 29	Silverado Trail	Vehicle		\$7,000,000	\$0	-	\$7,000,000	2030		No	
34	Calistoga	Lincoln Corridor Safety Enhancements	Signal modification, bike and ped enhancements,	Lincoln Avenue	SR 128	Silverado Trail	Vehicle		\$3,500,000	\$0	-	\$3,500,000	2020		No	
35	City of Napa	Trower Avenue Extension	Extend Trower Avenue east to connect with Big Ranch Road	Trower Avenue	Eastern terminus of Trower Ave	Big Ranch Road	Vehicle/ Ped/Bike	Planning	\$10,500,000	\$0	-	\$10,500,000	2020	2020-2040	No	12
36	City of Napa	Linda Vista Bridge and Extension	New bridge at Redwood Creek and extension of Linda Vista Avenue to Robinson Lane over new Linda Vista Bridge	Linda Vista Avenue	Southern terminus of Linda Vista	Robinson lane	Vehicle/ Ped/Bike	Planning	\$3,500,000	\$0	-	\$3,500,000	2020	2020-2040	No	12
37	City of Napa	South Terrace Bridge and Extension	New bridge at Cayetano Creek and extension of Terrace Drive from the southern terminus of Terrace Drive to the northerly terminus of South Terrace Drive	Terrace Drive	Southern terminus of Terrace Dr	Northern terminus of S Terrace Dr	Vehicle/ Ped/Bike	Planning	\$3,500,000	\$0	-	\$3,500,000	2020	2020-2040	No	12
38	City of Napa	Solano Bridge and Extension	New bridge at Napa Creek and extension of Solano Avenue south to connect with First Street	Solano Avenue	Southern terminus of Solano Ave	First Street	Vehicle/ Ped/Bike	Planning	\$7,000,000	\$0	-	\$7,000,000	2020	2020-2040	No	12
39	City of Napa	Lincoln Avenue at California Blvd & SR29 Off-Ramp	Reconfigure northbound SR 29 off-ramp at Lincoln Avenue and modify Lincoln/California intersection	Lincoln Avenue	SR29 Off-Ramp	California Avenue	Vehicle/ Ped/Bike	Planning	\$5,500,000	\$0	-	\$5,500,000	2020	2020-2040	Yes	8
40	City of Napa	Salvador Avenue Widening	Widen Salvador Avenue from SR29 to Jefferson Street	Salvador Avenue	SR29	Jefferson Street	Vehicle/ Ped/Bike	Planning	\$2,500,000	\$0	-	\$2,500,000	2020	2020-2040	No	12
41	City of Napa	Imola Corridor Sidewalk Improvements	Construct sidewalks along Imola Avenue where none exist or gaps are present from Foster Road to eastern City Limits	Imola Avenue	Foster Road	Eastern City Limits	Ped/Bike	Planning	\$6,500,000	\$20,000	NCTPA	\$6,480,000	2014	2020-2040	No	17
42	City of Napa	SR29 under Pueblo Avenue	Pueblo Avenue Overpass connecting Pueblo Avenue to West Pueblo Avenue	Pueblo Avenue	Pueblo Avenue	West Pueblo Avenue	Vehicle	Planning	\$30,000,000	\$0	-	\$30,000,000	2020	2020-2040	No	10
43	City of Napa	SR29 over Trower	Trower Avenue Underpass	Trower Avenue/ SR29 Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$30,000,000	\$0	-	\$30,000,000	2020	2020-2040	No	10
44	City of Napa	Jefferson/Laurel Signal	New signal at Jefferson Street/Laurel Street Intersection	Jefferson/ Laurel Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$500,000	\$0	-	\$500,000	2020	2020-2040	No	7
45	City of Napa	Jefferson/Old Sonoma Signal	New signal at Jefferson Street/Old Sonoma Road Intersection	Jefferson/ Old Sonoma Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$500,000	\$0	-	\$500,000	2020	2020-2040	No	7
46	City of Napa	Jefferson/Imola Intersection Widening	Jefferson/Imola intersection modification	Jefferson/ Imola Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$3,000,000	\$0	-	\$3,000,000	2020	2020-2040	No	8
47	City of Napa	Solano/Redwood Intersection Widening	Widening and restriping modifications to the Solano Avenue/ Redwood Road Intersection	Solano/ Redwood Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	8
48	City of Napa	Vine Trail Gap Closure (3rd-Vallejo)	Construct Class I multiuse path between 3rd Street and Vallejo Street	Adjacent to Soscol	Third Street	Vallejo	Ped/Bike	Planning	\$3,500,000	\$100,000	TDA-3; NVVT Coalition	\$3,400,000	2016	2020	YES*	17
49	City of Napa	SR29 Bike & Pedestrian Undercrossing	Construct a bicycle and pedestrian undercrossing along the north bank of Napa Creek under SR29 at approximately post mile 11.67	North bank Napa Creek	-	-	Ped/Bike	Design	\$850,000	\$97,000	BTA; TDA-3	\$753,000	2013	2017	Yes	17
50	City of Napa	Soscol Avenue Widening	Widen Soscol Avenue-SR221-SR121 to six lanes from Magnolia Drive to Silverado Trail including median widening	Soscol Avenue	Magnolia Drive	Silverado Trail	Vehicle	Planning	\$22,000,000	\$0	-	\$22,000,000	2020	2020-2040	No	8
51	City of Napa	Lincoln/Jefferson Right Turn Lane(s)	Modify Lincoln/Jefferson intersection with right turn lanes	Jefferson/ Lincoln Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	7
52	City of Napa	Lincoln/Soscol Right turn Lane(s)	Modify Lincoln/Soscol intersection with right turn lanes	Lincoln/Soscol intersection	-	-	Vehicle/ Ped/Bike	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	7
53	City of Napa	First Street Roundabouts (west side)	Construct roundabouts on First Street at Freeway Drive and SR29 Southbound ramps	1st/Freeway SR29 Ramp	-	-	Vehicle/ Ped/Bike	Design	\$8,500,000	\$0	-	\$8,500,000	2020	2020-2040	Yes	9
54	City of Napa	Soscol/Silverado Trail Modification	Soscol/Silverado intersection modification with Southbound duel left turn lanes on Silverado Trail	Soscol/ Silverado Trail Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	8
55	City of Napa	Jefferson/Sierra Signal	New signal at Jefferson Street/ Sierra Avenue Intersection	Jefferson/ Sierra Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$500,000	\$0	-	\$500,000	2020	2020-2040	No	8
56	City of Napa	Browns Valley Road Widening	Widen Browns Valley Road from Westview Drive to McCormick Lane	Browns Valley Road	Westview Drive	McCormick Lane	Vehicle/ Ped/Bike	Planning	\$3,500,000	\$0	-	\$3,500,000	2020	2020-2040	No	7
57	City of Napa	Salvador Creek Bike Trail	Construct a Class I multiuse path along Salvador Creek	adjacent to Salvador Creek	Maheer Street	Big Ranch Road	Ped/Bike	Planning	\$800,000	\$0	-	\$800,000	2020	2020-2040	YES*	16
58	City of Napa	5-way Intersection Modification	Construct intersection improvements at Silverado Trail/Third Street/Coombsville Road/East Avenue	Silverado/ Coombsville/ 3rd/ East Ave Intersection	-	-	Vehicle/ Ped/Bike	Design	\$8,500,000	\$3,500,000	Caltrans	\$5,000,000	2014	2019	Yes	10

**Napa Countywide Transportation Plan: Vision 2040 Moving Napa Forward
Project List**

No.	Sponsor	Project Title	Project Description	Project Location			Mode	Project Phase	Total Cost	Total Committed	Types of funds Committed	Total Need	Start Year	End Year	Included in Plan Bay Area	# of Objectives Met
				Location	Start Point	End Point										
59	City of Napa	Oxbow Preserve Pedestrian Bridge	Construct a pedestrian bridge from the Oxbow Preserve over the Napa River to the River Trail	Napa River	Oxbow Preserve	River Trail	Ped/Bike	Planning	\$1,250,000	\$0	-	\$1,250,000	2020	2020-2040	YES*	16
60	City of Napa	Oxbow District Pedestrian Bridge	Construct a pedestrian bridge from the River Trail over the Napa River to Third Street	Napa River	River Trail	Third Street	Ped/Bike	Planning	\$1,250,000	\$0	-	\$1,250,000	2020	2020-2040	YES*	16
61	City of Napa	Laurel Street Sidewalk	Construct sidewalks along Laurel Street from Laurel Park to Laurel Manor	Laurel Street	Laurel park	Laurel Manor	Ped	Planning	\$2,500,000	\$0	-	\$2,500,000	2020	2020-2040	No	14
62	City of Napa	Traffic Operations Center	Citywide signal coordination	-	-	-	Vehicle/ Ped/Bike	Planning	\$2,000,000	\$0	-	\$2,000,000	2020	2020-2040	YES**	12
63	City of Napa	Sierra Avenue Sidewalks	Construct sidewalks along Sierra Avenue from Jefferson Street to SR29	Sierra Avenue	Jefferson Street	SR29	Pedestrian	Planning	\$800,000	\$0	-	\$800,000	2020	2020-2040	No	14
64	City of Napa	Foster Road Sidewalk	Construct sidewalks along Foster Road adjacent to Irene M. Snow Elementary School	Foster Road adjacent to Snow School	-	-	Pedestrian	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	14
65	City of Napa	Terrace Drive Sidewalks	Construct Sidewalks along Terrace Drive where gaps are present	Terrace Drive	Coombsville Road	Southern terminus of Terrace Drive	Pedestrian	Planning	\$1,500,000	\$0	-	\$1,500,000	2020	2020-2040	No	14
66	City of Napa	Main Street Sidewalk Widening	Widening the sidewalk on Main Street from First Street to Third Street	Main Street	First Street	Third Street	Pedestrian	Planning	\$2,000,000	\$30,000	Local	\$1,970,000	2016	2020	No	14
67	City of Napa	Vine Trail (Redwood Rd Crossing)	Construct a grade separated crossing across Redwood Road connecting the adjacent sections of the Vine Trail	Redwood Road	-	-	Bike/Ped/ Vehicle	Planning	\$4,500,000	\$0	-	\$4,500,000	2020	2020-2040	YES*	17
68	City of Napa	Railroad Crossing Upgrades	Upgrade all railroad crossings Citywide to concrete panels with flangeway fillers	-	-	-	Bike/Ped/ Vehicle/ Rail	Planning	\$2,500,000	\$0	-	\$2,500,000	2020	2020-2040	No	14
69	Napa County	Devlin Rd Extension	Complete construction of collector road as parallel facility for SR 29 corridor	Airport Industrial Area	Soscol Ferry Rd	Green Island Rd	Vehicle	CON	\$5,500,000	\$1,300,000	TMF	\$4,200,000	2015	2020	Yes	9
70	Napa County	Napa Valley Vine Trail - Calistoga	Construct Class I mixed use path	SR 29	Silverado Trail	Bothe State Park	Bike/Ped	CON	\$6,000,000	\$200,000	Local Donation	\$5,800,000	2016	2018	Yes	11
71	Napa County	Imola Ped Corridor	Construct pedestrian access and safety improvements along and crossing Imola Avenue	Imola Avenue	Skyline Park	Foster Rd	Vehicle	CON	\$500,000	\$0	-	\$500,000	2018	2020	Yes	10
72	Napa County	Silverado Trail intersections	Improve intersection safety and operations Oak Knoll Avenue, Yountville Crossroad, Oakville Crossroad, Deer Park Rd, Dunaweal Ln	Silverado Trail, various	Napa	Calistoga	Vehicle	CON	\$2,500,000	\$0	-	\$2,500,000	2020	2040	No	5
73	Napa County	Solano Ave flood improvement	Construct improvements to reduce flooding in corridor	Solano Ave	Yountville	Dry Creek	Vehicle	CON	\$300,000	\$0	-	\$300,000	2020	2025	Yes	3
74	Napa County	29 North County intersections	Improve intersection safety and operations Oakville Grade Rd, Oakville Crossroad, Rutherford Rd (SR 128), Deer Park Rd, Dunaweal Ln	SR 29	Napa	Calistoga	Vehicle	CON	\$2,500,000	\$0	-	\$2,500,000	2025	2040	No	5
75	Napa County	Route 221	Improve corridor operations	SR 221 Napa Vallejo Highway	SR 29	SR 121	Vehicle	CON	\$5,200,000	\$0	-	\$5,200,000	2030	2040	No	7
76	NCTPA	Soscol Flyover	Construct SB 221 to SB 29/12 flyover structure	SR 29/12/221			Vehicle	CON	\$50,000,000	\$0	-	\$50,000,000	2015	2035	Yes	9
77	NCTPA	Airport Junction	Construct grade separated interchange	SR 29/12/Airport			Vehicle	CON	\$73,000,000	\$0	-	\$73,000,000	2020	2040	Yes	9
78	NCTPA	29 South County intersections	Improve intersection safety and operations SR 29/12/121 "Carneros Junction," S Kelly Rd, Green Island Rd	SR 29	American Canyon	Napa	Vehicle	CON	\$1,500,000	\$0	-	\$1,500,000	2020	2035	Yes	9
79	NCTPA	Carneros Intersection	SR 29/SR12/SR 121 (Carneros intersection) Improvements	SR29/SR12/SR121			Vehicle		\$500,000	\$0	-	\$500,000			Yes	
80	NCTPA	SR 29-Urban Highway	Landscape enhancements to Urban Highway from Carneros Intersection to Trancas. SR 29 at Imola, 1st Street, Lincoln, Trancas	SR 29	Carneros Intersection	Trancas Street	Vehicle		\$250,000	\$0	-	\$250,000			Yes	
81	NCTPA	SR 29-Unincorporated Napa County/Carneros	4-Lane Rural Highway, from unincorporated Napa County to Carneros intersections.	SR 32	Jameson	Napa City Limits	Vehicle		\$8,000,000	\$0	-	\$8,000,000			Yes	
82	NCTPA	SR-29 Unincorporated Napa/ AC	4-Lane Rural Highway in unincorporated Napa County from American Canyon to Jameson Canyon	SR 29	Napa Junction Road	Jameson Canyon Road	Vehicle		\$50,000,000	\$0	-	\$50,000,000			Yes	
83	NCTPA	SR 29 Gateway	Highway 29 Fr improvements include adding additional traffic lane in each direction, pedestrian and bicycle infrastructure and transit amenities	SR 29	American Canyon Road	Napa Junction Road	Vehicle	CON	\$26,000,000	\$0	-	\$26,000,000	2015	2030	Yes	20
84	VINE	VINE Maintenance Facility (Construction O&M)	Acquisition and construction of new vehicle maintenance facility	TBD	TBD	TBD	Bus	CON	\$38,300,000	\$0	-	\$38,300,000	2017	2040	No	16
85	VINE	Fueling Station (Construction and O&M)	Acquisition and construction of new fueling station	TBD	TBD	TBD	Bus	CON	\$3,792,000	\$0	-	\$3,792,000	2017	2040	No	16
86	VINE	Rapid Bus Project	Bus Rapid Corridor Improvements	Vallejo to Napa	Vallejo Ferry Terminal	Napa Valley College	Bus		\$25,000,000	\$0	-	\$25,000,000	2020	2040	No	16
87	VINE	Rapid Bus Project	Bus Rapid Corridor Improvements	NVC to Redwood P&R	Napa Valley College	Redwood P&R	Bus		\$25,000,000	\$0	-	\$25,000,000	2022	2040	No	16
88	NCTPA	Rebranding	New NCTPA Image, Including Bus Stop Signage	Napa County			Bus	None	\$550,000	\$0	-	\$550,000	2015	2018	No	16
89	NCTPA	Silverado Trail Route	New regional bus route along Silverado Trail	Silverado Trail			Bus	None	\$60,059,090	\$0	-	\$60,059,090				
90	St Helena	Downtown Pedestrian Improvements	Install traffic calming devices (e.g. bulb outs), upgrade sidewalk, pedestrian lighting, pedestrian furniture, landscaping	Main Street (SR29)	Spring Street	Adams Street	Pedestrian	PE-CON	\$400,000	\$21,278	Local	\$378,722	2011	2018	No	9
91	St Helena	Sulphur Creek Class I Bikeway	Construct Class I Bikeway	Sulphur Creek	Sulphur Springs Avenue	Napa River	Bicycle		\$5,800,000	\$0	-	\$5,800,000	2020	2030	No	11
92	St Helena	Spring Mountain Road Class I Bikeway	Construct Class I Bikeway	Spring Mountain Road	Lower Reservoir	Spring Mountain Court	Bicycle		\$1,700,000	\$0	-	\$1,700,000	2020	2030	No	14
93	St Helena	Oak Avenue Extension	Extend Oak Avenue	Oak Avenue	Charter Oak Avenue	Grayson Avenue	Vehicle		\$1,800,000	\$0	-	\$1,800,000	2020	2025	No	10
94	St Helena	Starr Avenue Extension	Extend Starr Avenue	Starr Avenue	Hunt Avenue	Adams Street	Vehicle		\$617,000	\$0	-	\$617,000	2025	2030	No	10

**Napa Countywide Transportation Plan: Vision 2040 Moving Napa Forward
Project List**

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				Location	Start Point	End Point										
95	St Helena	Adams Street Extension	Extend Adams Street	Adams Street	end	Starr Avenue	Vehicle		\$851,000	\$0	-	\$851,000	2025	2030	No	10
96	St Helena	New North-South Collector	Extend College Avenue, or Starr Avenue, or Allison Avenue	New	Mills Lane	Pope Street	Vehicle		\$1,900,000	\$0	-	\$1,900,000	2025	2030	No	10
97	St Helena	Mills Lane Safety Improvements	Improve Mills Lane to two lanes with bike/ped access	Mills Lane	Main Street (SR29)	End	Vehicle		\$3,500,000	\$0	-	\$3,500,000	2025	2030	No	12
98	St Helena	Napa River Class I Bikeway	Construct Class I Bikeway (River Trail)	Napa River	South City Limit	North City Limit	Bicycle		\$9,800,000	\$0	-	\$9,800,000	2030	2040	No	14
99	St Helena	New East-West Collector	Extend Adams Street or Mills Lane	New	End	Silverado Trail	Vehicle		\$2,900,000	\$0	-	\$2,900,000	2035	2040	No	10
100	St Helena	Fulton Lane Safety Improvements	Improve Fulton Lane to two lanes with bike/ped access	Fulton Lane	Railroad Ave	End	Vehicle		\$2,200,000	\$0	-	\$2,200,000	2035	2040	No	12
101	Yountville	Pedestrian Bridge	Pedestrian overcrossing over SR 29, connecting town core to future Napa Valley Wine Train station	NWT Future Train Station	Train Station	Washington Street	Pedestrian	Planning, Design, Construction	\$5,000,000	\$0	-	\$5,000,000	2024	2025	No	
102	Yountville	Transportation Infrastructure	Transportation infrastructure. Extend Yount Mill Road and Yountville Cross Rd, connecting the new development to the Town.	Northeast of Washington and Yountville Cross Rd	Entire Site	Entire Site	Ped/Bike/ Vehicle	Planning, Design, Construction	\$2,500,000	\$0	-	\$2,500,000	2030	2035	No	
103	Yountville	Regrade & Repave Webber West of Washington Street	Repave and regrade Webber Street and Washington Street. Extend the storm drain at Vintage Inn to Webber. Replacement of sewer O-line, curb and sidewalk at Vintage Inn.	Webber Avenue west of Washington Street	Washington Street	Dead end of Webber Avenue	Pedestrian/ Bike/ Vehicle	Planning, Design, Construction	\$150,000	\$0	General Fund	\$150,000	2020	2021		
104	Yountville	Yountville Crossroads Bicycle Path & Sidewalk	A full lane bicycle path along Yountville Crossroads	Length of Yountville Crossroads	Yountville Cross Roads and Yount St	Yountville Cross Roads and Stags View Ln	Bike	Planning, Design, Construction	\$1,500,000	\$0	-	\$1,500,000	2030	2031	No	
105	Yountville	Oak Circle Parking Improvement	Parking improvements to existing infrastructure	Future Oak Circle Park, near Oak Circle and Vintner Ct	N/A	N/A	Vehicle	Planning, Design, Construction	\$75,000	\$0	-	\$75,000	2015	2018	No	
106	Yountville	South Veteran's Park Parking Improvements	Parking improvements to existing infrastructure	At Veteran's Park, Washington St. South of California Dr	N/A	N/A	Vehicle	Planning, Design, Construction	\$175,000	\$0	-	\$175,000	2020	2021	No	
107	Yountville	Future Parking Garage Facility	New parking facility	To be determined	N/A	N/A	Vehicle	Planning, Design, Construction	\$5,500,000	\$0	-	\$5,500,000	2030	2031	No	
108	Yountville	SR-29 Interchange Project	Construct Interchange at Madison and SR-29	Madison & SR-29	N/A	N/A	Vehicle	g. Design, Cons	\$20,000,000	\$0	-	\$20,000,000	2030	2031	No	
109	Yountville	Washington Park Sidewalk Project	Adding sidewalk to the Washington Park Subdivision	Washington Park	East of Washington, North of Forrester Ln	East of Washington, South of Yountville Cross Rd	Pedestrian	Planning, Design, Construction	\$850,000	\$0	-	\$850,000	2022	2023	No	
110	Yountville	Lighted Sidewalks	Lighted cross walks in the major crosswalks throughout town (at least 5)	California Drive and bike path, Washington & Mulberry, Washington & Yount, Washington mid-block by V Marketplace, Washington & Webber			Pedestrian	Planning, Design, Construction	\$200,000	\$0	-	\$200,000	2018	2018	No	

**Napa Countywide Transportation Plan
5-year Project List**

No.	Sponsor	Project Title	Project Description	Project Location			Mode	Project Phase	Total Cost	Total Committed	Types of funds Committed	Total Need	Start Year	End Year	Included in Plan Bay Area	# of Objectives Met
				Location	Start Point	End Point										
1	St Helena	Downtown Pedestrian Improvements	Install traffic calming devices (e.g., bulb outs), upgrade sidewalk, pedestrian lighting, pedestrian furniture, landscaping	Main Street (SR29)	Spring Street	Adams Street	Pedestrian	PE-CON	\$400,000	\$21,278	Local	\$378,722	2011	2018	No	9
2	City of Napa	SR29 Bike & Pedestrian Undercrossing	Construct a bicycle and pedestrian undercrossing along the north bank of Napa Creek under SR29 at approximately post mile 11.67	North bank Napa Creek	-	-	Ped/Bike	Design	\$850,000	\$97,000	BTA; TDA-3	\$753,000	2013	2017	Yes	17
3	City of Napa	Imola Corridor Sidewalk Improvements	Construct sidewalks along Imola Avenue where none exist or gaps are present from Foster Road to eastern City Limits	Imola Avenue	Foster Road	Eastern City Limits	Ped/Bike	Planning	\$6,500,000	\$20,000	NCTPA	\$6,480,000	2014	2020-2040	No	17
4	City of Napa	5-way Intersection Modification	Construct intersection improvements at Silverado Trail/Third Street/Coombsville Road/East Avenue	Silverado/ Coombsville/ 3rd/ East Ave Intersection	-	-	Vehicle/ Ped/Bike	Design	\$8,500,000	\$3,500,000	Caltrans	\$5,000,000	2014	2019	Yes	10
5	AC	South Napa Junction Road	New Major Collector from SR 29 to extension of Newell Drive	Newell Drive	SR 29	Newell Drive	Vehicle		\$8,909,227	\$0		8,909,227	2015			
6	Calistoga	LSR Rehab	Lake Street Reconstruction and Complete Street Enhancements	Lake Street	Washington Ave	Grant St.	Vehicle	PSE/CON	\$1,950,000	\$0	-	1,950,000	2015	2016	No	13
7	Calistoga	Vine Trail Fair Way Extension	Construct Vine Trail	Fairway	Fair Way	Washington St.	Bike	CON	\$1,200,000	\$0	-	1,200,000	2015	2016	No	13
8	Calistoga	Intersection Improvements at SR 128 & Petrified Forest	Signalization of Intersection at SR 128 & Petrified Forest	SR 128 & Pet Forest Road	SR 128	SR 128	Vehicle	CON	\$650,000	\$550,000	STIP/LM	\$100,000	2015	2017	Yes	14
9	Napa County	Devlin Rd Extension	Complete construction of collector road as parallel facility for SR 29 corridor	Airport Industrial Area	Soscol Ferry Rd	Green Island Rd	Vehicle	CON	\$5,500,000	\$1,300,000	TMF	\$4,200,000	2015	2020	Yes	9
10	NCTPA	Soscol Flyover	Construct SB 221 to SB 29/12 flyover structure	SR 29/12/221			Vehicle	CON	\$50,000,000	\$0	-	\$50,000,000	2015	2035	Yes	9
11	NCTPA	SR 29 Gateway	Highway 29 Fr improvements include adding additional traffic lane in each direction, pedestrian and bicycle infrastructure and transit amenities	SR 29	American Canyon Road	Napa Junction Road	Vehicle	CON	\$26,000,000	\$0	-	\$26,000,000	2015	2030	Yes	20
12	NCTPA	Rebranding	New NCTPA Image, Including Bus Stop Signage	Napa County			Bus	None	\$550,000	\$0	-	\$550,000	2015	2018	No	16
13	Yountville	Oak Circle Parking Improvement	Parking improvements to existing infrastructure	Future Oak Circle Park, near Oak Circle and Vintner Ct	N/A	N/A	Vehicle	Planning, Design, Construction	\$75,000	\$0	-	\$75,000	2015	2018	No	
14	City of Napa	Vine Trail Gap Closure (3rd-Vallejo)	Construct Class I multiuse path between 3rd Street and Vallejo Street	Adjacent to Soscol	Third Street	Vallejo	Ped/Bike	Planning	\$3,500,000	\$100,000	TDA-3; NVVT Coalition	\$3,400,000	2016	2020	YES*	17
15	City of Napa	Main Street Sidewalk Widening	Widening the sidewalk on Main Street from First Street to Third Street	Main Street	First Street	Third Street	Pedestrian	Planning	\$2,000,000	\$30,000	Local	\$1,970,000	2016	2020	No	14
16	Napa County	Napa Valley Vine Trail - Calistoga	Construct Class I mixed use path	SR 29	Silverado Trail	Bothe State Park	Bike/Ped	CON	\$6,000,000	\$200,000	Local Donation	\$5,800,000	2016	2018	Yes	11
17	AC	Devlin Road Segment H	New Industrial Collector from railroad overcrossing to Green Island Rd.	Devlin Road	Railroad overcrossing	Green Island Rd	Vehicle		\$7,795,573	\$0		7,795,573	2017			
18	Calistoga	Intersection Improvements at SR 29/128 & Lincoln Ave	Signalization of Intersection at SR 29/128 & Lincoln Ave	SR 29/128 & Lincoln Ave.	SR 29	SR 128	Vehicle	PID/PSE/CON	\$1,900,000	\$0	-	1,900,000	2017	2019	No	14
19	Calistoga	Pedestrian Safety Improvements SR 29 & Cedar Street	In Pavement Lighting	SR 29 and Cedar Street	SR 29	Cedar St	Pedestrian	PSR/PSE	\$100,000	\$0	-	100,000	2017	2018	No	13
20	Calistoga	Pedestrian Safety Improvements SR 29 & Brannan Street	In Pavement Lighting	SR 29 and Brannan Street	SR 29	Brannan St	Pedestrian	PSR/PSE	\$100,000	\$0	-	100,000	2017	2018	No	13
21	Calistoga	Safe Routes to School	Construct foot bridge over the Napa River at Pioneer Park	Pioneer Park and Napa River	Calistoga Community Center	Pioneer Park	Pedestrian	PSR/PSE	\$850,000	\$0	-	\$850,000	2017	2018	No	17
22	Calistoga	Washington Street Reconstruction	Complete Streets Enhancements along Washington Street	Washington Street	Lincoln	Oak	Vehicle	PSE/CON	\$1,200,000	\$0	-	\$1,200,000	2017	2018	No	10
23	VINE	VINE Maintenance Facility (Construction O&M)	Acquisition and construction of new vehicle maintenance facility	TBD	TBD	TBD	Bus	CON	\$38,300,000	\$0	-	\$38,300,000	2017	2040	No	16
24	VINE	Fueling Station (Construction and O&M)	Acquisition and construction of new fueling station	TBD	TBD	TBD	Bus	CON	\$3,792,000	\$0	-	\$3,792,000	2017	2040	No	16

**Napa Countywide Transportation Plan
5-year Project List**

No.	Sponsor	Project Title	Project Description	Project Location			Mode	Project Phase	Total Cost	Total Committed	Types of funds Committed	Total Need	Start Year	End Year	Included in Plan Bay Area	# of Objectives Met
				Location	Start Point	End Point										
25	AC	Green Island Road Widening	Widen road from SR 29 to Commerce Blvd. to Industrial Collector standards Widen railroad crossing to three lanes	Green Island Road	SR 29	Commerce Boulevard	Vehicle		\$3,516,599	\$0		3,516,599	2018			
26	Calistoga	Intersection Improvements at SR 128 & Berry Street	Widen SR 128 and install left turn lane onto Berry Street	SR 128 & Pet Forest Road	On SR 128 300' south of Berry St.	On SR 128 300' north of Berry St.	Vehicle	PID/PSE/CON	\$650,000	\$0	-	\$650,000	2018	2019	No	14
27	Napa County	Imola Ped Corridor	Construct pedestrian access and safety improvements along and crossing Imola Avenue	Imola Avenue	Skyline Park	Foster Rd	Vehicle	CON	\$500,000	\$0	-	\$500,000	2018	2020	Yes	10
28	Yountville	Lighted Sidewalks	Lighted cross walks in the major crosswalks throughout town (at least 5)	California Drive and bike path, Washington & Mulberry, Washington & Yount, Washington mid-block by V Marketplace, Washington & Webber			Pedestrian	Planning, Design, Construction	\$200,000	\$0	-	\$200,000	2018	2018	No	
29	AC	Main Street	New Minor Collector from Eucalyptus to South Napa Junction	Main Street	Eucalyptus Drive	So Napa Junction	Vehicle		\$2,021,629	\$0		2,021,629	2020			
30	AC	Eucalyptus Drive/Theresa Avenue Intersection	Widen to 2-lane collector from Theresa to Wetlands Edge Rd., Install roundabout	Eucalyptus Drive/Theresa Avenue Intersection	Eucalyptus Drive	Theresa Avenue	Vehicle		\$7,008,236	\$1,154,000		5,854,236	2020			
31	AC	Highway 29 Pedestrian Safety Overcrossings	Construct three pedestrian crossings over Highway 29	TBD			Bicycle and pedestrian		\$9,000,000	\$0	-	9,000,000	2020		Yes	18
32	Calistoga	Intersection Improvements at SR 29 & Washington Ave	Convert Signal to protected left turn phasing at Intersection of SR 29 & Washington Ave	SR 29 & Washington Ave.	SR 29	Washington	Vehicle	CON	\$500,000	\$0	-	\$500,000	2020	2022	No	14
33	Calistoga	Lincoln Corridor Safety Enhancements	Signal modification, bike and ped enhancements,	Lincoln Avenue	SR 128	Silverado Trail	Vehicle		\$3,500,000	\$0	-	\$3,500,000	2020		No	
34	City of Napa	Trower Avenue Extension	Extend Trower Avenue east to connect with Big Ranch Road	Trower Avenue	Eastern terminus of Trower Ave	Big Ranch Road	Vehicle/ Ped/Bike	Planning	\$10,500,000	\$0	-	\$10,500,000	2020	2020-2040	No	12
35	City of Napa	Linda Vista Bridge and Extension	New bridge at Redwood Creek and extension of Linda Vista Avenue to Robinson Lane over new Linda Vista Bridge	Linda Vista Avenue	Southern terminus of Linda Vista	Robinson lane	Vehicle/ Ped/Bike	Planning	\$3,500,000	\$0	-	\$3,500,000	2020	2020-2040	No	12
36	City of Napa	South Terrace Bridge and Extension	New bridge at Cayetano Creek and extension of Terrace Drive from the southern terminus of Terrace Drive to the northerly terminus of South Terrace Drive	Terrace Drive	Southern terminus of Terrace Dr	Northern terminus of S Terrace Dr	Vehicle/ Ped/Bike	Planning	\$3,500,000	\$0	-	\$3,500,000	2020	2020-2040	No	12
37	City of Napa	Solano Bridge and Extension	New bridge at Napa Creek and extension of Solano Avenue south to connect with First Street	Solano Avenue	Southern terminus of Solano Ave	First Street	Vehicle/ Ped/Bike	Planning	\$7,000,000	\$0	-	\$7,000,000	2020	2020-2040	No	12
38	City of Napa	Lincoln Avenue at California Blvd & SR29 Off-Ramp	Reconfigure northbound SR 29 off-ramp at Lincoln Avenue and modify Lincoln/California intersection	Lincoln Avenue	SR29 Off-Ramp	California Avenue	Vehicle/ Ped/Bike	Planning	\$5,500,000	\$0	-	\$5,500,000	2020	2020-2040	Yes	8
39	City of Napa	Salvador Avenue Widening	Widen Salvador Avenue from SR29 to Jefferson Street	Salvador Avenue	SR29	Jefferson Street	Vehicle/ Ped/Bike	Planning	\$2,500,000	\$0	-	\$2,500,000	2020	2020-2040	No	12
40	City of Napa	SR29 under Pueblo Avenue	Pueblo Avenue Overpass connecting Pueblo Avenue to West Pueblo Avenue	Pueblo Avenue	Pueblo Avenue	West Pueblo Avenue	Vehicle	Planning	\$30,000,000	\$0	-	\$30,000,000	2020	2020-2040	No	10
41	City of Napa	SR29 over Trower	Trower Avenue Underpass	Trower Avenue/ SR29 Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$30,000,000	\$0	-	\$30,000,000	2020	2020-2040	No	10
42	City of Napa	Jefferson/Laurel Signal	New signal at Jefferson Street/Laurel Street Intersection	Jefferson/ Laurel Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$500,000	\$0	-	\$500,000	2020	2020-2040	No	7
43	City of Napa	Jefferson/Old Sonoma Signal	New signal at Jefferson Street/Old Sonoma Road Intersection	Jefferson/ Old Sonoma Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$500,000	\$0	-	\$500,000	2020	2020-2040	No	7
44	City of Napa	Jefferson/Imola Intersection Widening	Jefferson/Imola intersection modification	Jefferson/ Imola Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$3,000,000	\$0	-	\$3,000,000	2020	2020-2040	No	8
45	City of Napa	Solano/Redwood Intersection Widening	Widening and restriping modifications to the Solano Avenue/ Redwood Road Intersection	Solano/ Redwood Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	8

**Napa Countywide Transportation Plan
5-year Project List**

No.	Sponsor	Project Title	Project Description	Project Location			Mode	Project Phase	Total Cost	Total Committed	Types of funds Committed	Total Need	Start Year	End Year	Included in Plan Bay Area	# of Objectives Met
				Location	Start Point	End Point										
46	City of Napa	Soscol Avenue Widening	Widen Soscol Avenue-SR221-SR121 to six lanes from Magnolia Drive to Silverado Trail including median widening	Soscol Avenue	Magnolia Drive	Silverado Trail	Vehicle	Planning	\$22,000,000	\$0	-	\$22,000,000	2020	2020-2040	No	8
47	City of Napa	Lincoln/Jefferson Right Turn Lane(s)	Modify Lincoln/Jefferson intersection with right turn lanes	Jefferson/ Lincoln Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	7
48	City of Napa	Lincoln/Soscol Right turn Lane(s)	Modify Lincoln/Soscol intersection with right turn lanes	Lincoln/Soscol intersection	-	-	Vehicle/ Ped/Bike	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	7
49	City of Napa	First Street Roundabouts (west side)	Construct roundabouts on First Street at Freeway Drive and SR29 Southbound ramps	1st/Freeway SR29 Ramp	-	-	Vehicle/ Ped/Bike	Design	\$8,500,000	\$0	-	\$8,500,000	2020	2020-2040	Yes	9
50	City of Napa	Soscol/Silverado Trail Modification	Soscol/Silverado intersection modification with Southbound dual left turn lanes on Silverado Trail	Soscol/ Silverado Trail Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	8
51	City of Napa	Jefferson/Sierra Signal	New signal at Jefferson Street/ Sierra Avenue Intersection	Jefferson/ Sierra Intersection	-	-	Vehicle/ Ped/Bike	Planning	\$500,000	\$0	-	\$500,000	2020	2020-2040	No	8
52	City of Napa	Browns Valley Road Widening	Widen Browns Valley Road from Westview Drive to McCormick Lane	Browns Valley Road	Westview Drive	McCormick Lane	Vehicle/ Ped/Bike	Planning	\$3,500,000	\$0	-	\$3,500,000	2020	2020-2040	No	7
53	City of Napa	Salvador Creek Bike Trail	Construct a Class I multiuse path along Salvador Creek	adjacent to Salvador Creek	Maheer Street	Big Ranch Road	Ped/Bike	Planning	\$800,000	\$0	-	\$800,000	2020	2020-2040	YES*	16
54	City of Napa	Oxbow Preserve Pedestrian Bridge	Construct a pedestrian bridge from the Oxbow Preserve over the Napa River to the River Trail	Napa River	Oxbow Preserve	River Trail	Ped/Bike	Planning	\$1,250,000	\$0	-	\$1,250,000	2020	2020-2040	YES*	16
55	City of Napa	Oxbow District Pedestrian Bridge	Construct a pedestrian bridge from the River Trail over the Napa River to Third Street	Napa River	River Trail	Third Street	Ped/Bike	Planning	\$1,250,000	\$0	-	\$1,250,000	2020	2020-2040	YES*	16
56	City of Napa	Laurel Street Sidewalk	Construct sidewalks along Laurel Street from Laurel Park to Laurel Manor	Laurel Street	Laurel park	Laurel Manor	Ped	Planning	\$2,500,000	\$0	-	\$2,500,000	2020	2020-2040	No	14
57	City of Napa	Traffic Operations Center	Citywide signal coordination	-	-	-	Vehicle/ Ped/Bike	Planning	\$2,000,000	\$0	-	\$2,000,000	2020	2020-2040	YES**	12
58	City of Napa	Sierra Avenue Sidewalks	Construct sidewalks along Sierra Avenue from Jefferson Street to SR29	Sierra Avenue	Jefferson Street	SR29	Pedestrian	Planning	\$800,000	\$0	-	\$800,000	2020	2020-2040	No	14
59	City of Napa	Foster Road Sidewalk	Construct sidewalks along Foster Road adjacent to Irene M. Snow Elementary School	Foster Road adjacent to Snow School	-	-	Pedestrian	Planning	\$750,000	\$0	-	\$750,000	2020	2020-2040	No	14
60	City of Napa	Terrace Drive Sidewalks	Construct Sidewalks along Terrace Drive where gaps are present	Terrace Drive	Coombsville Road	Southern terminus of Terrace Drive	Pedestrian	Planning	\$1,500,000	\$0	-	\$1,500,000	2020	2020-2040	No	14
61	City of Napa	Vine Trail (Redwood Rd Crossing)	Construct a grade separated crossing across Redwood Road connecting the adjacent sections of the Vine Trail	Redwood Road	-	-	Bike/Ped/ Vehicle	Planning	\$4,500,000	\$0	-	\$4,500,000	2020	2020-2040	YES*	17
62	City of Napa	Railroad Crossing Upgrades	Upgrade all railroad crossings Citywide to concrete panels with flangeway fillers	-	-	-	Bike/Ped/ Vehicle/ Rail	Planning	\$2,500,000	\$0	-	\$2,500,000	2020	2020-2040	No	14
63	Napa County	Silverado Trail intersections	Improve intersection safety and operations Oak Knoll Avenue, Yountville Crossroad, Oakville Crossroad, Deer Park Rd, Dunaweal Ln	Silverado Trail, various	Napa	Calistoga	Vehicle	CON	\$2,500,000	\$0	-	\$2,500,000	2020	2040	No	5
64	Napa County	Solano Ave flood improvement	Construct improvements to reduce flooding in corridor	Solano Ave	Yountville	Dry Creek	Vehicle	CON	\$300,000	\$0	-	\$300,000	2020	2025	Yes	3
65	NCTPA	Airport Junction	Construct grade separated interchange	SR 29/12/Airport			Vehicle	CON	\$73,000,000	\$0	-	\$73,000,000	2020	2040	Yes	9
66	NCTPA	29 South County intersections	Improve intersection safety and operations SR 29/12/121 "Carneros Junction," S Kelly Rd, Green Island Rd	SR 29	American Canyon	Napa	Vehicle	CON	\$1,500,000	\$0	-	\$1,500,000	2020	2035	Yes	9
67	VINE	Rapid Bus Project	Bus Rapid Corridor Improvements	Vallejo to Napa	Vallejo Ferry Terminal	Napa Valley College	Bus		\$25,000,000	\$0	-	\$25,000,000	2020	2040	No	16
68	St Helena	Sulphur Creek Class I Bikeway	Construct Class I Bikeway	Sulphur Creek	Sulphur Springs Avenue	Napa River	Bicycle		\$5,800,000	\$0	-	\$5,800,000	2020	2030	No	11
69	St Helena	Spring Mountain Road Class I Bikeway	Construct Class I Bikeway	Spring Mountain Road	Lower Reservoir	Spring Mountain Court	Bicycle		\$1,700,000	\$0	-	\$1,700,000	2020	2030	No	14
70	St Helena	Oak Avenue Extension	Extend Oak Avenue	Oak Avenue	Charter Oak Avenue	Grayson Avenue	Vehicle		\$1,800,000	\$0	-	\$1,800,000	2020	2025	No	10
71	Yountville	Regrade & Repave Webber West of Washington Street	Repave and regrade Webber Street and Washington Street. Extend the storm drain at Vintage Inn to Webber. Replacement of sewer O-line, curb and sidewalk at Vintage Inn.	Webber Avenue west of Washington Street	Washington Street	Dead end of Webber Avenue	Pedestrian/ Bike/ Vehicle	Planning, Design, Construction	\$150,000	\$0	General Fund	\$150,000	2020	2021		

Napa Countywide Transportation Plan
5-year Project List

No.	Sponsor	Project Title	Project Description	Project Location			Mode	Project Phase	Total Cost	Total Committed	Types of funds Committed	Total Need	Start Year	End Year	Included in Plan Bay Area	# of Objectives Met
				Location	Start Point	End Point										
72	Yountville	South Veteran's Park Parking Improvements	Parking improvements to existing infrastructure	At Veteran's Park, Washington St. South of California Dr	N/A	N/A	Vehicle	Planning, Design, Construction	\$175,000	\$0	-	\$175,000	2020	2021	No	
TOTAL FIVE YEAR SHORTFALL												\$460,320,986				

**Napa Countywide Transportation Plan
Project List Summary**

Jurisdiction	Number of Projects	Estimated Project Cost	Project Funding Shortfall	Estimated Program Cost	Program Funding Shortfall	TOTAL COST	TOTAL FUNDING SHORTFALL
American Canyon	20	\$ 126,994,075	\$ 125,840,075	\$ 47,140,000	\$ 53,140,000	\$ 174,134,075	\$ 188,980,075
Calistoga	14	\$ 21,403,000	\$ 20,853,000	\$ 30,105,000	\$ 30,105,000	\$ 51,508,000	\$ 50,958,000
City of Napa	34	\$ 173,200,000	\$ 169,453,000	\$ 375,500,000	\$ 371,000,000	\$ 548,700,000	\$ 540,453,000
County of Napa	7	\$ 22,500,000	\$ 21,000,000	\$ 360,000,000	\$ 352,160,000	\$ 382,500,000	\$ 373,160,000
St. Helena	11	\$ 31,468,000	\$ 31,446,722	\$ 26,955,473	\$ 26,955,473	\$ 58,423,473	\$ 58,402,195
Yountville	10	\$ 35,950,000	\$ 35,950,000	\$ 11,240,000	\$ 8,380,000	\$ 47,190,000	\$ 44,330,000
NCTPA	10	\$ 269,859,090	\$ 269,859,090	\$ 2,025,000	\$ 2,025,000	\$ 271,884,090	\$ 271,884,090
VINE	4	\$ 92,092,000	\$ 92,092,000	\$ 237,449,090	\$ 231,140,096	\$ 329,541,090	\$ 323,232,096
TOTAL	110	\$ 773,466,165	\$ 766,493,887	\$ 1,090,414,563	\$ 1,074,905,569	\$ 1,863,880,728	\$ 1,851,399,456

**Napa Countywide Transportation Plan: Vision 2040 Moving Napa Forward
Program List**

No.	Sponsor	Program Category	Program Description	Mode	Total Cost	Total Committed	Types of funds Committed	Total Need	Start Year	End Year	Included in Plan Bay Area	# of Objectives Met
1	AC	Pedestrian Network	Improve safety and accessibility to local schools by eliminating access barriers and completing unfinished sidewalks; include Safe Route to School network	Pedestrian and Bicycle	756,000	\$ -	-	\$ 756,000				
2	AC	Pedestrian Network	Implement the American Canyon trail master plan.	Predominantly pedestrian	712,000	\$ -	-	\$ 712,000				
3	AC	Bicycle Network	Build out American Canyon Bicycle network including Class I, II and III	Predominantly bicycle	8,672,000	\$ -	-	\$ 8,672,000			Yes	
4	AC	Other LS&R Maintenance/Safety	Make safety improvements and perform rehabilitation and preventative maintenance on local bridges	Vehicle	\$ 12,000,000	\$ -	-	\$ 12,000,000				
5	AC	LS&R Rehab	Rehabilitate, restore, preserve and rejuvenate local streets, collectors and arterials pavement	Vehicle	\$ 25,000,000	\$ -	-	\$ 25,000,000				
6	AC	Bridge and Culvert Rehab	Rehabilitate, restore, preserve and rejuvenate local bridge and culvert pavement	Vehicle		\$ -	-	\$ 5,000,000			No	
7	AC	ITS	ITS/ Synchronization enhancements at intersections	Vehicle		\$ -	-	\$ 1,000,000			No	
8	Calistoga	Bridges and Culverts	Replacement of existing structures	Vehicle	\$ 3,125,000	\$ -	-	\$ 3,125,000			No	
9	Calistoga	Bicycle Network	Expansion of Class I Pathway and Class II Routes	Bike	\$ 8,000,000	\$ -	-	\$ 8,000,000			Yes	
10	Calistoga	Bicycle Network	Maintenance of existing infrastructure; Class I, II, and III infrastructure as consistent with Countywide and Citywide Bicycle Plans; Bicycle racks and lockers	Bike	\$ 1,250,000	\$ -	-	\$ 1,250,000			Yes	
11	Calistoga	Pedestrian	Sidewalk maintenance and rehabilitation; Gaps and missing links; multimodal trails; ADA improvements	Pedestrian	\$ 5,580,000	\$ -	-	\$ 5,580,000			No	
12	Calistoga	LS&R Rehab	Maintenance and rehabilitation of existing local streets and roads	Vehicle	\$ 10,650,000	\$ -	-	\$ 10,650,000			Yes	
13	Calistoga	LS&R Rehab	Improvements to increase safety and operations on the roadway system (ex. Roadway connections, dedicated turn lanes, widening)	Vehicle	\$ 250,000	\$ -	-	\$ 250,000			Yes	
14	Calistoga	Bridges and Culverts	Maintenance and rehabilitation	Vehicle	\$ 1,250,000	\$ -	-	\$ 1,250,000				
15	City of Napa	Pedestrian Network	Sidewalk Improvement Program	Ped	\$ 156,000,000	\$ 1,500,000	Local; Gas Tax; CDBG	\$ 154,500,000			Yes	20
16	City of Napa	ITS	Signal Upgrade Program	Vehicle/ Ped/Bike	\$ 4,500,000	\$ -	-	\$ 4,500,000			Yes	18
17	City of Napa	Bridges and Culverts	Bridge Rehabilitation and Maintenance Program	Vehicle/ Ped/Bike	\$ 40,000,000	\$ -	-	\$ 40,000,000			NO	17
18	City of Napa	LS&R Rehab	Street Resurfacing Program	Vehicle/Bike	\$ 175,000,000	\$ 3,000,000	Local; Gas Tax	\$ 172,000,000			Yes	15
19	Napa County	LS&R Rehab	Pavement Preservation + more	Local Roadway System	\$ 225,000,000	\$ 7,840,000	General Fund	\$ 217,160,000			Yes	10
20	Napa County	Bridge and Culvert Rehab	Rehabilitate, restore and preserve local bridge and culvert pavement	Vehicle	\$ 40,000,000	\$ -	-	\$ 40,000,000			No	
21	Napa County	Bridge and Culvert Replacement	Pavement Preservation + more	Vehicle	\$ 95,000,000	\$ -	-	\$ 95,000,000			No	
22	NCTPA	Park and Ride Lots, (Construction and O&M)	Park and Ride Lots throughout Napa County	Bus	\$ 2,025,000	\$ -	-	\$ 2,025,000	2015	2040	No	16
23	VINE	New Transit Vehicles (EXPANSION)	Acquisition of new paratransit vehicles, community shuttle buses and VINE buses for service expansion	Bus	\$ 27,510,000	\$ -	-	\$ 27,510,000	2017	2040		

**Napa Countywide Transportation Plan: Vision 2040 Moving Napa Forward
Program List**

24	VINE	New Transit Vehicles (REPLACEMENT)	Acquisition of new paratransit vehicles, community shuttle buses and VINE buses for state of good repair	Bus	\$ 62,510,000	\$ -	-	\$ 62,510,000	2015	2040		
25	VINE	New Shelters and Stop Amenities (EXPANSION)	Improved bus stops throughout Napa County	Bus	\$ 4,850,000	\$ -	-	\$ 4,850,000	2020	2040	No	17
26	VINE	Bus Shelter Program (REPLACEMENT)		Bus	\$ 3,000,000	\$ -	-	\$ 3,000,000	2015	2040		
27	VINE	Transit System Growth (Operating Costs)		Bus	\$ 2,800,000	\$ -	-	\$ 2,800,000	2018	2040	No	16
28	VINE	IT Equipment Upgrades & Replacement Program	Wi-Fi for all buses, Camera System & Real Time signage, Asset Management Database, sales office equipment, taxi scrip automated readers	Bus	\$ 480,000	\$ -	-	\$ 480,000	2015	2019	No	
29	VINE	State of Good Repair/ PM	7 low-floor articulated buses, 7 low-floor 35' buses, 14 articulated buses	Bus	\$ 76,125,000	\$ -	-	\$ 76,125,000				
30	VINE	Local routes (1-8) - expanded service hours	Expand service hours from 4am-12am, add Sunday service	Bus	\$ 10,281,880	\$ -	-	\$ 10,281,880				
31	VINE	Regional routes (10/11)- expanded service hours	Expand service hours from 4am-12am, add Sunday service	Bus	\$ 10,346,000	\$ -	-	\$ 10,346,000				
32	VINE	Regional routes (10/11)- Enhanced frequency	Increase frequency from 30 peak, 60 midday and weekends to 15 peak and 30 midday and weekends.	Bus	\$ 39,431,210	\$ -	-	\$ 33,122,216	2018	2040		
33	VINE	State of Good Repair	Shop truck w/ hoist & push bar for road calls, Support Vehicle for Supervisors	Bus	\$ 115,000	\$ -	-	\$ 115,000				
34	St Helena	LS&R Rehab	Annual Slurry/Crack Seal, Microsurfacing and sign replacement/upgrade	Vehicle	\$ 18,855,473		-	\$ 18,855,473	2015	2040	No	
35	St Helena	Pedestrian Network	Annual Curb, Gutter, Sidewalk, ADA Ramp Replacement	Pedestrian	\$ 500,000	\$ -	-	\$ 500,000				
36	St Helena	Pedestrian Network	Expand the pedestrian Network	Pedestrian	\$ 2,500,000	\$ -	-	\$ 2,500,000				
37	St Helena	Bridges and Culverts	Bridge Rehab & Replacement	Vehicle	\$ 2,100,000	\$ -	-	\$ 2,100,000			No	
38	St Helena	Bicycle Network	Expand Class II & III Network	Bicycle	\$ 3,000,000	\$ -	-	\$ 3,000,000			No	
39	Yountville	Pedestrian Network	Tree, Tree Grate, Curb, Gutter, & Sidewalk Replacement Program ;Park Paths Program (Mission Street to Hotel Yountville Path)	Pedestrian	\$ 820,000	\$ 160,000	Gas Tax; Capital Projects Fund	\$ 660,000			No	
40	Yountville	LS&R Rehab	Pavement Management, Slurry Seal and Patching, streetlight replacement.	Vehicle	\$ 8,500,000	\$ 2,525,000	Gas Tax; Capital Projects Fund	\$ 5,975,000			Yes	
41	Yountville	Pedestrian Network	Ped Network includes Town's tree, tree grate, curb, gutter, and sidewalk replacement program (CP-3015) and park paths program (PK-4015)	Pedestrian	\$ 1,920,000	\$ 175,000	-	\$ 1,745,000			No	

**Countywide Transportation Plan: Vision 2040
Timeline/Meeting Dates**

Date/Time	Meeting	Subject	Location
November 19, 2014 at 1:30 PM	NCTPA Board Meeting	Provide a quarterly update to the Board on the CTP/CBTP	NCTPA
November 2014 -January 2015	CBTP follow-up stakeholder meetings	CBTP additional meetings in AC and with others to refine list of CBTP projects	Various locations
December 2, 2014	CBTP outreach meeting 10AM in Spanish/ 11AM in English	CBTP outreach	Napa Park Homes 790 Lincoln Ave. Napa, CA 94558
December 5, 2014 at 2:00 PM	TAC Meeting	Standing Item – constrained and unconstrained project and program lists and revenue forecasts	NCTPA
December 9, 2014 at 5:30 PM	Community Advisory Committee Meeting	Review draft project and program lists and revenue sources	NCTPA
January 8, 2015 at 2:00 PM	TAC Meeting	Provide Issue papers for review	NCTPA
February 5, 2015 at 2:00 PM	TAC Meeting	Refine Project and Program Lists and Issue Papers	NCTPA
February 18, 2015 at 1:30 PM	NCTPA Board Meeting	Provide a quarterly update to the Board on the CTP/CBTP	NCTPA

**Countywide Transportation Plan: Vision 2040
Timeline/Meeting Dates**

March 5, 2015 at 2:00 PM	TAC Meeting	Feedback on Issue Papers and Project and Program Constrained List	NCTPA
Date/Time	Meeting	Subject	Location
March 24, 2015 at 5:30 PM	Community Advisory Committee Meeting	Review Issue Papers and Project and Program Lists (Draft Plan)	NCTPA
April 2, 2015 at 2:00 PM	TAC Meeting	CTP update/ Draft plan	NCTPA
April 2015	Public Workshops	Public Workshops to review draft plan and projects and program	American Canyon, Napa, St. Helena
May 7, 2015 at 2:00 PM	TAC Meeting	Draft Plan	NCTPA
May 20, 2015 at 1:30 PM	NCTPA Board Meeting	Draft Plan to NCTPA Board	NCTPA
June 17, 2015 at 1:30 PM	NCTPA Board Meeting	Final Plan Approved by NCTPA Board	NCTPA
July 2015	Anticipated RTP call for projects		

*Dates/Times are subject to change



December 4, 2014
TAC Agenda Item 8.3
Continued From: NEW
Action Requested: ACTION

NAPA COUNTY TRANSPORTATION AND PLANNING AGENCY TAC Agenda Letter

TO: Technical Advisory Committee (TAC)
FROM: Kate Miller, Executive Director
REPORT BY: Danielle Schmitz, Program Manager - Planning
(707) 259-5968 / Email: dschmitz@ncpta.net
SUBJECT: Nomination and Election of Chairperson and Vice Chairperson of the
Technical Advisory Committee (TAC)

RECOMMENDATION

That the Technical Advisory Committee (TAC) nominate and elect a new Chairperson and Vice Chairperson for an annual term beginning on January 1st.

EXECUTIVE SUMMARY

On May 1, 2011, the NCTPA Board of Directors approved changes to the TAC bylaws. The changes did not alter the composition or structure of the committee but appointed its members to take on a more active role, to among other things, oversee the proceedings of the Committee. At their first meeting of the year, the by-laws require that committee members appoint a new Chair and Vice Chair.

FISCAL IMPACT

Is there a Fiscal Impact? No

BACKGROUND AND DISCUSSION

TAC Bylaws state:

Article IV OFFICERS

§4.1 Chairperson and Vice Chairperson

The Committee shall elect from its membership a chairperson and a vice chairperson at its first meeting of the calendar year, to serve for a one-year term. The chairperson

shall preside at all meetings of the Committee and represent the Committee before the Board of Directors. The vice chairperson shall perform the duties of the chairperson when the chairperson is absent. In the event of a vacancy in the chairperson's position, the vice chairperson shall succeed as chairperson for the balance of the chairperson's term, and the Committee shall elect a successor to fill the vacancy in the vice chairperson's position as provided below.

The Committee may appoint a nominating committee to nominate Committee members for the positions of chairperson and vice chairperson. Members willing to serve in either of these positions may submit their names to the nominating committee for nomination. Members may also submit names of other members for nomination. The nominating committee shall verify that members whose names have been submitted are willing to serve in those positions. The nominating committee may submit to the Committee the names of those members whom it has nominated and recommends for election. Notwithstanding these procedures, any member may nominate a member from the floor.

The Chairperson shall appoint a Secretary who will be responsible for preparing meeting minutes.

SUPPORTING DOCUMENTS

None



December 4, 2014
TAC Agenda Item 8.4
Continued From: NEW
Action Requested: ACTION

NAPA COUNTY TRANSPORTATION AND PLANNING AGENCY TAC Agenda Letter

TO: Technical Advisory Committee (TAC)
FROM: Kate Miller, Executive Director
REPORT BY: Danielle Schmitz, Senior Planner
(707) 259-5968 / Email: dschmitz@nctpa.net
SUBJECT: Draft 2015 Technical Advisory Committee (TAC) Work Plan

RECOMMENDATION

That the Technical Advisory Committee (TAC) adopt the draft 2015 TAC Work Plan (Attachment 1).

EXECUTIVE SUMMARY

NCTPA staff proposes the 2015 TAC Work Plan (Attachment 1), which includes regular agenda items, transportation project funding cycles and special projects.

FISCAL IMPACT

Is there a Fiscal Impact? No, this item only establishes the work program for the coming year. Individual budget items will be considered separately.

BACKGROUND AND DISCUSSION

The NCTPA TAC serves as an advisory committee to the NCTPA Board on technical issues relating to transportation planning, funding, and policies. NCTPA staff envisions 2015 will include a familiar range of regular program monitoring in addition to the long range transportation plan, outlined in the draft 2015 TAC Work Plan, attached.

SUPPORTING DOCUMENTS

Attachment: (1) Draft 2015 NCTPA Technical Advisory Committee Work Plan

NCTPA Technical Advisory Committee (TAC)
201~~5~~⁴ Work Plan

Item	Period
1. Review and recommend monthly agenda for the NCTPA Board of Directors	Monthly
2. Review and m Maintain Project Monitoring Reports for Federal and State Programs	Monthly
3. Review monthly Caltrans updates	Monthly
4. Review progress on development of the Napa Valley Vine Trail	Monthly
5. Partner in the development and review of elements of Measure T expenditure program	As needed
6. Partner in the development of NCTPA Countywide Transportation Plan	Monthly
<u>7. Partner in the development of the NCTPA Countywide Pedestrian Master Plan</u>	<u>Monthly</u>
7-8. Monitor progress of the Regional Transportation Plan (RTP), OBAG, PDA and PCA projects in Napa County.	Ongoing
8-9. Review ATAC findings relative to “complete streets” compliance of state and federally funded projects	As needed
9-10. Review and recommend Transportation Development Act, part 3 (TDA-3) call for projects and project selection	January-February
10-11. Review and recommend Transportation Fund for Clean Air (TFCA) call for projects and project selection	February- May <u>June</u>
11-12. <u>Coordinate in applying for various “call for projects” including the Active Transportation Program (ATP) and Cap and Trade funding programs. Review work products from the SR29 Gateway Corridor Study</u>	As needed
12-13. Receive regular briefings on status of the countywide “Vine” transit system and Vine System overview	Monthly
13. <u>Receive briefing on the Travel Behavior Study Report</u>	<u>Spring</u>
14. Consider and advise on development of new NCTPA fleet maintenance facility and CNG fueling depot	As needed
15. Appoint chair and vice-chair for 201 6 ⁵	December 201 5 ⁴
16. Receive State and Federal legislative updates <u>and recommend legislative platforms and legislative positions to the NCTPA Board.</u>	Monthly
17. Review and recommend consultant contracts as necessary	As needed
18. Review work products of studies	As needed
19. Other items as required	As needed

Other topics and issues of interest for the TAC in 201~~5~~⁴

- Pavement Management Plans
- ~~Congestion Management Planning~~
- The Napa-Solano Travel Demand Model
- Regional Housing Needs Allocation
- Other Infrastructure issues
- Training – transportation funding/programming and other