

Napa Valley Transportation Authority

625 Burnell Street
Napa, CA 94559



Agenda - Final

Thursday, September 6, 2018
2:00 PM

NVTA Conference Room

Technical Advisory Committee

All materials relating to an agenda item for an open session of a regular meeting of the Technical Advisory Committee (TAC) are posted on our website at <https://nctpa.legistar.com/Calendar.aspx> at least 72 hours prior to the meeting and 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 4:30 p.m., except for NVTA holidays. Materials distributed to the present 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 Kathy Alexander, TAC Secretary, 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 NVTA website at <https://nctpa.legistar.com/Calendar.aspx>

1. Call To Order**2. Introductions****3. Public Comment****4. Committee Member and Staff Comments****5. STANDING AGENDA ITEMS****5.1 Congestion Management Agency (CMA) Report (Kate Miller/Antonio Onorato)****5.2 Project Monitoring Funding Programs* (Alberto Esqueda)****5.3 Caltrans' Report* (Ahmad Rahimi)****5.4 Vine Trail Update (Erica Ahmann Smithies)****5.5 Transit Update (Matthew Wilcox)**

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

6. CONSENT AGENDA**6.1 Meeting Minutes of June 7, 2018 TAC Meeting (Kathy Alexander)
(Pages 7-10)**

Recommendation: Approval

Estimated Time: 2:20 p.m.

Attachments: [Draft Minutes.pdf](#)

7. PRESENTATIONS**7.1 SB 743 Presentation (Alberto Esqueda/Chris Ganson, Office of Planning and Research)**

Body: Chris Ganson from the Office of Planning and Research (OPR) will provide a presentation on SB 743 requirements.

Recommendation: Information only

Estimated Time: 2:20 p.m.

8. REGULAR AGENDA ITEMS

8.1 Measure T Update (Alberto Esqueda) (Pages 11-14)

Body: Staff will provide an update on Measure T and discuss eligibility associated with utility upgrades and modifications.

Recommendation: Information only

Estimated Time: 2:50 p.m.

Attachments: [Staff Report.pdf](#)

8.2 Community Based Transportation Plan (CBTP) Update (Shaveta Sharma) (Pages 15-16)

Body: The TAC will receive an update on the CBTP.

Recommendation: Information only

Estimated Time: 3:00 p.m.

Attachments: [Staff Report.pdf](#)

8.3 Vine Vision - Transit Restructure Overview (Matthew Wilcox) (Pages 17-32)

Body: Staff will review the proposed changes to the Vine fixed route system.

Recommendation: Information only

Estimated Time: 3:10 p.m.

Attachments: [Staff Report.pdf](#)

8.4 September 19, 2018 NVRTA Board Meeting and Retreat Agenda* (Kate Miller)

Body: Staff will review the items on the September 19, 2018 NVRTA Board Meeting and Retreat Agenda.

Recommendation: Information only

Estimated Time: 3:25 p.m.

8.5 Legislative Update* (Kate Miller)

Body: Staff will review the state and federal legislative updates and provide a summary of SB 1 repeal efforts (Proposition 6).

Recommendation: Information only

Estimated Time: 3:30 p.m.

9. FUTURE AGENDA ITEMS**10. ADJOURNMENT**

10.1 Approval of Next Regular Meeting Date of October 4, 2018 and Adjournment.

I, Kathy Alexander, hereby certify that the agenda for the above stated meeting was posted at a location freely accessible to members of the public at the NVTa offices, 625 Burnell Street, Napa, CA by 5:00 p.m., on Wednesday, August 29, 2017.

Kathy Alexander, August 29, 2018 (e-sign)

Kathy Alexander, Deputy Board Secretary

*Information will be available at the meeting

Glossary of Acronyms

AB 32	Global Warming Solutions Act	HBRR	Highway Bridge Replacement and Rehabilitation Program
ABAG	Association of Bay Area Governments	HIP	Housing Incentive Program
ADA	American with Disabilities Act	HOT	High Occupancy Toll
ATAC	Active Transportation Advisory Committee	HOV	High Occupancy Vehicle
ATP	Active Transportation Program	HR3	High Risk Rural Roads
BAAQMD	Bay Area Air Quality Management District	HSIP	Highway Safety Improvement Program
BART	Bay Area Rapid Transit District	HTF	Highway Trust Fund
BATA	Bay Area Toll Authority	HUTA	Highway Users Tax Account
BRT	Bus Rapid Transit	IFB	Invitation for Bid
CAC	Citizen Advisory Committee	ITIP	State Interregional Transportation Improvement Program
CAP	Climate Action Plan	ITOC	Independent Taxpayer Oversight Committee
Caltrans	California Department of Transportation	IS/MND	Initial Study/Mitigated Negative Declaration
CEQA	California Environmental Quality Act	JARC	Job Access and Reverse Commute
CIP	Capital Investment Program	LIFT	Low-Income Flexible Transportation
CMA	Congestion Management Agency	LOS	Level of Service
CMAQ	Congestion Mitigation and Air Quality Improvement Program	LS&R	Local Streets & Roads
CMP	Congestion Management Program	MaaS	Mobility as a Service
CalSTA	California Transportation Agency	MAP 21	Moving Ahead for Progress in the 21 st Century Act
CTP	Countywide Transportation Plan	MPO	Metropolitan Planning Organization
COC	Communities of Concern	MTC	Metropolitan Transportation Commission
CTC	California Transportation Commission	MTS	Metropolitan Transportation System
DAA	Design Alternative Analyst	ND	Negative Declaration
DBB	Design-Bid-Build	NEPA	National Environmental Policy Act
DBF	Design-Build-Finance	NOAH	Natural Occurring Affordable Housing
DBFOM	Design-Build-Finance-Operate-Maintain	NOC	Notice of Completion
DED	Draft Environmental Document	NOD	Notice of Determination
EIR	Environmental Impact Report	NOP	Notice of Preparation
EJ	Environmental Justice	NVTA	Napa Valley Transportation Authority
FAS	Federal Aid Secondary	NVTA-TA	Napa Valley Transportation Authority-Tax Agency
FAST	Fixing America's Surface Transportation Act	OBAG	One Bay Area Grant
FHWA	Federal Highway Administration	PA&ED	Project Approval Environmental Document
FTA	Federal Transit Administration	P3 or PPP	Public-Private Partnership
FY	Fiscal Year	PCC	Paratransit Coordination Council
GHG	Greenhouse Gas	PCI	Pavement Condition Index
GGRF	Greenhouse Gas Reduction Fund	PCA	Priority Conservation Area
GTFS	General Transit Feed Specification		
HBP	Highway Bridge Program		

Glossary of Acronyms

PDA	Priority Development Areas	STIP	State Transportation Improvement Program
PID	Project Initiation Document	STP	Surface Transportation Program
PMS	Pavement Management System	TAC	Technical Advisory Committee
Prop. 42	Statewide Initiative that requires a portion of gasoline sales tax revenues be designated to transportation purposes	TCM	Transportation Control Measure
PSE	Plans, Specifications and Estimates	TCRP	Traffic Congestion Relief Program
PSR	Project Study Report	TDA	Transportation Development Act
PTA	Public Transportation Account	TDM	Transportation Demand Management Transportation Demand Model
RACC	Regional Agency Coordinating Committee	TE	Transportation Enhancement
RFP	Request for Proposal	TEA	Transportation Enhancement Activities
RFQ	Request for Qualifications	TEA 21	Transportation Equity Act for the 21 st Century
RHNA	Regional Housing Needs Allocation	TFCA	Transportation Fund for Clean Air
RM2	Regional Measure 2 (Bridge Toll)	TIGER	Transportation Investments Generation Economic Recovery
RM3	Regional Measure 3	TIP	Transportation Improvement Program
RMRP	Road Maintenance and Rehabilitation Program	TLC	Transportation for Livable Communities
ROW	Right of Way	TLU	Transportation and Land Use
RTEP	Regional Transit Expansion Program	TMP	Traffic Management Plan
RTIP	Regional Transportation Improvement Program	TMS	Transportation Management System
RTP	Regional Transportation Plan	TNC	Transportation Network Companies
SAFE	Service Authority for Freeways and Expressways	TOAH	Transit Oriented Affordable Housing
SAFETEA-LU	Safe, Accountable, Flexible, and Efficient Transportation Equity Act-A Legacy for Users	TOD	Transit-Oriented Development
SB 375	Sustainable Communities and Climate Protection Act 2008	TOS	Transportation Operations Systems
SB 1	The Road Repair and Accountability Act of 2017	TPA	Transit Priority Area
SCS	Sustainable Community Strategy	TPI	Transit Performance Initiative
SHA	State Highway Account	TPP	Transit Priority Project Areas
SHOPP	State Highway Operation and Protection Program	VHD	Vehicle Hours of Delay
SNCI	Solano Napa Commuter Information	VMT	Vehicle Miles Traveled
SNTDM	Solano Napa Travel Demand Model		
SR	State Route		
SRTS	Safe Routes to School		
SOV	Single-Occupant Vehicle		
STA	State Transit Assistance		
STIC	Small Transit Intensive Cities		

**Napa Valley Transportation Authority
Meeting Minutes - Draft
Technical Advisory Committee**

625 Burnell Street
Napa, CA 94559

Thursday, June 7, 2018

2:00 PM

NVTA Conference Room

1. Call To Order

Chair Steele called the meeting to order at 2:00 p.m.

Present: 9 - Chairperson Nathan Steele
Mike Kirn
Joe Tagliaboschi
Dana Ayers
Lorien Clark
Juan Arias
Ahmad Rahimi
Vice Chair Erica Ahmann Smithies
Steve Hartwig
Absent: 3 - Brent Cooper
Eric Whan
Doug Weir

2. Introductions

Chair Steele invited all in attendance to introduce themselves.

Also present:
Patrick Band, Napa County Bicycle Coalition
Philip Sales, Napa Valley Vine Trail Coalition

3. Public Comment

No public comment was received.

4. Committee Member and Staff Comments

Alberto Esqueda, NVTA
- Provided a recap on the LOS to VMT, Part II meeting.
- NVTA issued the first Measure T Project Number - to the City of Napa.

[Dana Ayers joined the meeting at 2:02 p.m.]

Dana Ayers, County of Napa - provided an update on the County's Circulation Element process.

Shaveta Sharma, NVTA - Provided an update on the May 24th planning directors meeting which focused on the Metropolitan Transportation Commission's upcoming regional transportation plan project, Horizon.

Mike Kirn, City of Calistoga - Provided an update on the Lincoln Avenue ADA improvements and bridge replacement as well as microsurfacing projects.

Diana Meehan, NVTA -

- Provided an update on Active Transportation Program Cycle 4 (ATP 4), applications are due July 31, 2018.
- NVTA received a Caltrans Sustainable Communities grant for the Imola Corridor.

5 STANDING AGENDA ITEMS

5.1 Congestion Management Agency (CMA) Report (Kate Miller)

Chair Steele reported Kate Miller was delayed by a prior meeting and would provide the CMA report upon arrival.

5.2 Project Monitoring Funding Programs* (Alberto Esqueda)

Alberto Esqueda reviewed the changes to the Project Monitoring spreadsheets.

5.3 Caltrans' Report* (Ahmad Rahimi)

Ahmad Rahimi reviewed the monthly Caltrans report.

Philip Sales noted the Mill Creek Bridge replacement project was not the list. Additionally, Mr. Sales requested a meeting regarding the project.

Mr. Rahimi stated it may be included in another project. Mr. Rahimi will inform the project manager of the request.

5.4 Vine Trail Update (Erica Ahmann Smithies)

Report by Philip Sales.

- There is damage to the wall south of Oak Knoll, between Oak Knoll and Salvador. A car flipped over, crashing into the wall and onto the railroad tracks.

[Erica Ahmann Smithies joined the meeting at 2:20 p.m.]

5.5 Transit Update (Matthew Wilcox)

Matthew Wilcox provided an update on the Comprehensive Operational Analysis.

6. CONSENT AGENDA

6.1 Meeting Minutes of May 3, 2018 TAC Meeting (Kathy Alexander) (Pages 7-10)

MOTION by KIRN, SECOND by ARIAS to APPROVE the meeting minutes of the May 3, 2018 Technical Advisory Committee meeting.

The motion passed with the following vote:

Aye: 7 - Chairperson Steele, Member Kirn, Member Tagliaboschi, Member Ayers, Member Clark, Member Arias and Vice Chair Ahmann Smithies

Absent: 3 - Member Cooper, Member Whan and Member Weir

Abstain: 1 - Member Rahimi and Member Hartwig

7. REGULAR AGENDA ITEMS

7.1 Transportation Development Act Article 3 (TDA 3) Fiscal Years (FY) 2018-19 through 2020-21 Project List Review (Diana Meehan) (Pages 11-15)

Report by Diana Meehan.

- Reviewed the TDA 3 Call for Projects process
- Implementing a 3-year project programming cycle
- Project List will be reviewed each year, adjustments will be made if necessary
- All applications submitted are included in the program of proposed projects and will be funded over the next three years

Patrick Band conveyed suggestions and concerns from the Active Transportation Advisory Committee (ATAC) regarding the bike facility on Donaldson Way.

MOTION by AHMANN SMITHIES, SECOND by HARTWIG to RECOMMEND the NVT Board approve the draft FY 2018-19 through FY 2020-21 Transportation Development Act Article 3 (TDA-3) program of projects.

The motion passed with the following vote:

Aye: 8 - Chairperson Steele, Member Kirn, Member Tagliaboschi, Member Ayers, Member Clark, Member Arias, Member Rahimi, Vice Chair Ahmann Smithies and Member Hartwig

Absent: 3 - Member Cooper, Member Whan and Member Weir

7.2 LifeLine Cycle 5 Program Project List Review (Shaveta Sharma) (Pages 16-20)

Report by Shaveta Sharma

- Reviewed the Lifeline Cycle 5 process to date
- Reviewed the recommended project list

MOTION by TAGLIABOSCHI, SECOND by AHMANN SMITHIES to recommend that the NVT Board of Directors approve the Lifeline Transportation Program Cycle 5 Program of Projects. The motion passed with the following vote:

Aye: 8 - Chairperson Steele, Member Kirn, Member Tagliaboschi, Member Ayers, Member Clark, Member Arias, Member Rahimi, Vice Chair Ahmann Smithies and Member Hartwig

Absent: 3 - Member Cooper, Member Whan and Member Weir

7.3 Napa Countywide Bicycle Plan Update (Diana Meehan) (Pages 21-30)

Report by Diana Meehan

- Provided a presentation on the Bicycle Plan Update progress
- Each jurisdictions' projects are to be listed in priority order and input has been requested from the jurisdictions
- Admin draft of the plan will be provided in August
- Asked jurisdictions to promote Open House/Public Workshop on June 19th from 5:30 - 7:00 p.m. and Wikimap tool
- Invited comments/suggestions from the TAC

A discussion followed that included:

- Projects listed in the Bicycle Plan should have project cost-to-benefit ratios that are consistent with those in the Active Transportation Plan application
- Identifying intersections that need facilities/improvements, but leave class type open
- Allow flexibility with class types for repaving projects and new development project requirements

- The Bicycle Plan's language should allow flexibility, however it should not be too broad or vague so that it seems that bicycle facilities are not required on development projects

7.4 Legislative Update* (Kate Miller)

Report reviewed by Antonio Onorato

Kate Miller provided an update on the Self Help Counties Coalition's efforts to eliminate indirect costs associated with Caltrans. Legislation to waive indirect costs was signed by the governor and will be in effect for two years.

Ms. Miller provided the Congestion Management Agency Update at this time which included updates on:

- The latest proposals that would link transportation funds to housing production
- The Metropolitan Transportation Commission's (MTC's) Horizon Regional Transportation Plan activities

7.5 June 20, 2018 NVTA Board Meeting Draft Agenda* (Kate Miller)

Kate Miller reviewed the June 20, 2018 NVTA Board meeting draft agenda.

8. FUTURE AGENDA ITEMS

No future agenda items were requested.

9. ADJOURNMENT

9.1 Approval of Next Meeting Date of July 12, 2018 and Adjournment.

MOTION by Hartwig, SECOND by TAGLIABOSCHI to APPROVE the next meeting date of July 12, 2018 and ADJOURN the meeting. The motion was unanimously approved.

Meeting adjourned at 3:27 p.m.



NAPA VALLEY TRANSPORTATION AUTHORITY TAC Agenda Letter

TO: Technical Advisory Committee (TAC)
FROM Kate Miller, Executive Director
REPORT BY: Alberto Esqueda, Senior Planner
(707) 259-5976 | aesqueda@nvta.ca.gov
SUBJECT: Measure T Update

RECOMMENDATION

That the TAC receive the report and provide feedback on Measure T eligibility and utility upgrades and modifications associated with street maintenance.

EXECUTIVE SUMMARY

Measure T is a ½ cent sales tax approved by Napa County voters in 2012 to fund local streets and road rehabilitation. Three projects are already under construction by the City of Napa. NVTA will provide a brief update on those projects and discuss the next ITOC agenda. The next ITOC meeting will be on Wednesday, October 3rd at 2:00 p.m. where the County of Napa will present a revision to their 5-year project list and the ITOC will review the City of American Canyon's MOE. Measure T Ordinance mandates that the ITOC review each jurisdiction's minimum maintenance of effort, and 5-year project list. Staff will also provide an update on the Measure T Webpage.

Staff has also been asked by the Town of Yountville to elicit TAC's feedback on NVTA staff's interpretation on Measure T eligibility associated with upgrades and modifications associated with street maintenance.

FISCAL IMPACT

Is there a fiscal impact? No

BACKGROUND AND DISCUSSION

On November 6, 2012, the voters in Napa County approved Measure T, the Napa Countywide Road Maintenance Act. Measure T is a ½% sales tax expected to generate over \$400 million over a 25-year period beginning July 1, 2018. Measure T is to be used for the rehabilitation of local streets and roads.

Measure T Webpage

In order to inform the public of the progress of Measure T NVTA is developing a marketing plan. A key tool of the marketing effort is the Measure T webpage on the NVTA website. NVTA envisioned a simple, intuitive and user-friendly web tool to disseminate project information. NVTA contracted with FluidNRG to develop a webpage that will provide project information to the public such as location, cost and estimated completion date. While currently only three projects are in construction, TAC will receive an overview of the elements included in the website. At the time of this report the webpage is still under development, but it is scheduled to go live on September 1, 2018. Visit <http://www.nvta.ca.gov/measure-t> for more information.

October 3, ITOC Agenda

Attachment 1 includes the October 3rd ITOC agenda. Key discussion items include an overview of the Measure T Marketing Plan and Website, an update of American Canyon's MOE, approval of the County of Napa Measure T program change request, and Eric Whan, City of Napa, will provide an overview of road treatments.

Measure T Eligibility and Utility Upgrades/Alterations Associated with Street Maintenance
Several jurisdictions have recently inquired about whether "raising the irons" is an eligible expense. "Raising the irons" involves making modifications to utilities in order to accommodate additional road height resulting from certain street maintenance treatments.

NVTA staff have thoroughly reviewed the Measure T Ordinance and do not believe that modifications or adjustments to utilities are an eligible expense. Section 2 – Expenditure Plan Purpose state; "this funding program will ensure improved maintenance of currently under-funded local community streets and supporting infrastructure (e.g. sidewalks, gutters, curbs) within the public right of way." The utilities are not considered supporting infrastructure for the road rehabilitation and repair. Under Section 27, Definitions, Paragraph G Maintenance, the ordinance states "[m]aintenance means repair, reconstruction or rehabilitation, and/or replacement of streets, roadways, and other infrastructure [again, "supporting infrastructure"] within the public right-of-way." Under Section 27, Paragraph J, the ordinance defines reconstruction or rehabilitation as ". . .any overlay, including the placement or replacement of base materials and any sub-grade work or widening of the roadway, if the widening is necessary to bring the roadway width to the desirable minimum width consistent with the geometric design criteria of the state or 3R (reconstruction, resurfacing, and rehabilitation)." Under Section 27, Paragraph L, the ordinance defines local streets and roads as ". . .the pavement facilities and supporting infrastructure within the street, road, or highway right-of-way."

Per state statute, jurisdictions who wish to fund "raising the irons" as part of road rehabilitation costs can use gas tax and Senate Bill 1 revenues for this purpose.

SUPPORTING DOCUMENTS

Attachment(s): (1) Draft October 3, 2018 ITOC Agenda



Napa Valley Transportation Authority Agenda - Draft

625 Burnell Street
Napa, CA 94559

Independent Taxpayer Oversight Committee

Wednesday, October 3, 2018

2:00 PM

NVTA Conference Room

1. Call To Order

2. Introductions

3. Public Comment

4. PRESENTATIONS

4.1 18-1052 Road Maintenance Treatments (Eric Whan) *(Pages XX-XX)*

Recommendation: Information only. The ITOC will receive a presentation on road maintenance treatments.

Estimated Time: X:XX p.m.

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

5. CONSENT AGENDA ITEMS (5.1 - 5.2)

5.1 18-1115 Meeting Minutes of July 11, 2018 (Karrie Sanderlin) *(Pages 7-11)*

Recommendation: ITOC action will approve the meeting minutes of July 11, 2018.

Estimated Time: 2:00 p.m.

5.2 18-1117 Independent Taxpayer Oversight Committee Meeting Schedule for Calendar Year (CY) 2019 (Karrie Sanderlin) *(Pages xx-xx)*

Recommendation: The ITOC will approve the meeting schedule for CY 2019.

Estimated Time: X:00 p.m.

6. REGULAR AGENDA ITEMS

6.1 18-1122 Project Updates (Alberto Esqueda) (Pages xx-xx)

Recommendation: Information only.

Estimated Time: 3:00 p.m.

6.2 18-1124 Revised County of Napa Five-Year Projects List (Alberto Esqueda) (Pages xx-xx)

Recommendation: The ITOC will review the County of Napa's revised projects list, make a finding that the County of Napa revised projects list is consistent with the intent of the measure, and make a recommendation that the NVT-A-TA approved the revised list.

Estimated Time: X:XX p.m.

6.3 18-1121 City of American Canyon Maintenance of Effort (MOE) (Alberto Esqueda) (Pages xx-xx)

Recommendation: Information only.

Estimated Time: 3:00 p.m.

7. FUTURE AGENDA ITEMS

8. ADJOURNMENT

8.1 18-1116 Approval of Next Regular Meeting of Date of December 5, 2018 at 2:00 p.m. and Adjournment

Estimated Time: 3:30 p.m.

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 NVT-A Offices, 625 Burnell Street, Napa, CA by 5:00 p.m. on Friday, September 29, 2018.



September 06, 2018
TAC Agenda Item 8.2
Continued From: New

Action Requested: INFORMATION

NAPA VALLEY TRANSPORTATION AUTHORITY TAC Agenda Letter

TO: Technical Advisory Committee
FROM: Kate Miller, Executive Director
REPORT BY: Shaveta Sharma, Transportation Program Planner
(707) 259-8287 / Email: ssharma@nvta.ca.gov
SUBJECT: Community Based Transportation Plan Outreach Schedule

RECOMMENDATION

That the Technical Advisory Committee (TAC) review and comment on the NVTA Community Based Transportation Plan (CBTP) Outreach Schedule.

EXECUTIVE SUMMARY

The purpose of the CBTP is to improve mobility options and close transportation gaps for low-income and disadvantaged communities in Napa County. The plan will also review census data and other data sources to determine where resources are most needed and identify additional communities of concern, beyond those identified by the Metropolitan Transportation Commission (MTC).

The planned outreach schedule is intended to identify projects that: 1) are developed through a collaborative and inclusive planning process; 2) improve transportation choices; 3) address and identify transportation gaps; and 4) focus on transportation needs specific to elderly, disabled, and low-income communities. This memo provides an outline for the scope of work and timeline that will be completed as part of the Community Based Transportation Plan (CBTP) for Napa County.

FINANCIAL IMPACT

Is there a fiscal impact? No

BACKGROUND AND DISCUSSION

MTC requires that Napa Valley Transportation Authority (NVTA), as a Congestion Management Agency (CMA), regularly analyze local conditions to improve mobility options and close transportation gaps for low-income and disadvantaged communities. This plan will be an update to NVTA's previously prepared CBTP in 2015. This update will incorporate MTC's updated guidelines to include simple and clear program goals,

incorporate a list of priority projects in coordination with other agency planning efforts, and involve a steering committee inclusive of social service and community based organization/non-profit representation that work with low-income and other underserved residents. NVTa has reached out to housing, low-income and senior representatives to serve on the steering committee.

NVTa staff met with the Steering Committee on July 23rd to discuss outreach efforts. Based on input from the Steering Committee staff has identified the following events to ensure equitable and appropriate outreach in all communities. Prior to all events staff will issue press releases and coordinate with the local jurisdiction to inform and invite them to take part.

Events

Location	Date
American Canyon - Senior Center	10/10/2018; 2-4 PM
Napa - Senior Center	9/27/2018; 12-2 PM
Napa - Free Market at Health and Human Services	9/14/2018; 2-4 PM
Napa - Storehouse/Food Bank	9/20/2018; 11-2 PM
Napa - Queen of the Valley	10/1/2018; 1:30-3:30 PM
Yountville - Veteran's Home	TBD
St. Helena - Rianda House	10/26/2018; 11-12 PM
Calistoga - Community Center	10/10/2018; 11-1 PM

SUPPORTING DOCUMENTS

None



September 6, 2018
TAC Agenda Item 8.3
Continued From: New

Action Requested: INFORMATION

**NAPA VALLEY TRANSPORTATION AUTHORITY
TAC Agenda Letter**

TO: Technical Advisory Committee
FROM: Kate Miller, Executive Director
REPORT BY: Matthew Wilcox, Program Manager – Public Transit
(707) 259-8635 / Email: mwilcox@nvta.ca.gov
SUBJECT: Vine Vision: Transit Restructuring Overview

RECOMMENDATION

That the Technical Advisory Committee (TAC) review the proposed changes to the Vine system and provide feedback and direction to staff.

EXECUTIVE SUMMARY

Through findings in a Market Assessment, Technical Analysis, two rider/resident surveys, a Needs Assessment document, and several outreach events, NVRTA staff have developed a proposed new service structure for the Vine. The proposed service will help improve transit usage in the coming years by focusing service where it is needed and wanted most. The proposed service changes will not be finalized until they are fully vetted by NVRTA committees, and the public, and adopted by the NVRTA Board, which is anticipated in the spring of 2019.

FISCAL IMPACT

Is there a Fiscal Impact? No.

BACKGROUND AND DISCUSSION

Review of Comprehensive Operational Analysis Process

Prompted by ridership declines, in July 2017 NVRTA began the process of restructuring the Vine transit system. The process kicked off with the “Express Bus Study”. This document provided recommendations for service and capital improvements to make the Vine’s regional service more attractive for intercountry trips. In October of the same year staff began the first phase of the Comprehensive Operational Analysis (COA). The focus of the COA is to restructure the local service in the City of Napa. The COA is broken out into three planning efforts: a Market Assessment, a Technical Analysis, and a Needs Assessment.

The Market Assessment analyzes the current and future Vine Transit markets. Using demographic information from the US Census and a Metropolitan Transportation Commission (MTC) survey of the Vine's riders, NVTa staff completed a transit propensity analysis. The analysis identified the demographic factors in Napa County show the greatest propensity for using transit. The analysis was used to build a "profile" of a Vine rider. By mapping the demographic factors of the typical Vine rider, NVTa staff was able to identify what parts of the Vine service area have the greatest potential for ridership growth.

The Technical Analysis reviews the Vine's operational performance over the past three fiscal years. The resulting data will serve as a baseline from which service can be added, removed, and ultimately judged. The document breaks out a number of key performance indicators (KPIs). Staff will use these same KPIs to judge the success or failure of the redesign in improving transit usage in the Napa Valley. The data in the document also provides staff with a clear understanding of where service is being underutilized and where increased service might be warranted.

The Needs Assessment is a culmination of the Express Bus Study, the Market Assessment, the Technical Analysis, and the rider/resident survey. This document pinpoints the service typologies NVTa will need to instate to retain and attract riders. Specific needs were identified from the rider/resident survey. Each need was assigned several different transit solutions for further analysis to understand which solution addressed the need best. From this exercise, NVTa staff created a new service delivery plan for the Vine Transit system.

In order to receive public feedback on the changes, NVTa staff conducted three outreach events at the Socol Gateway Transit Center, tabled at Día de la Familia, and visited Rohlf's Manor Senior Housing. Staff has also posted all proposed service changes on the NVTa website. A robust social media campaign and posters on the buses are directing people to comment on the maps. Staff continue to remind existing Vine riders and members of the community to provide feedback.

Vine Vision: Refocusing Transit in the Napa Valley

The deployment of transit in the Napa Valley has remained relatively unchanged for a better part of a century. Service redesigns have been infrequent, with the last occurring in December 2012. The redesign in 2012 did not alter the service typology of the Vine, despite every route being redrawn. Vine routes have been predominantly "coverage based", meaning they attempt to serve the most geographic area with the least amount of resources. The result is indirect service that is not attractive to riders. The service design resulting from the COA planning process and Express Bus Study refocuses transit to areas that show the greatest potential for rider retention and growth. This culmination of planning efforts has been dubbed "Vine Vision". Vine Vision has aggregated all the recommendations into a single service plan that will redesign all fixed route service falling under the Vine.

The use of new technology has taken the forefront in the design of the new Vine system. To design the new service NVTA staff made use of an interactive planning software called Remix. Remix allows for service changes while simultaneously providing the cost, the number of buses needed for operation, the number of service hours, and the population served (and factors in such things as FTA's Title VI requirements). The use of this program increases staff's ability to plan service quickly and accurately. The scheduling aspect of the program will play an integral role in the final service design, allowing staff to find the most efficient deployment of resources.

Staff is proposing deploying on-demand service similar to the community shuttles in the County's smaller jurisdictions in areas with a history of low ridership demand. Riders will be able to use the Ride the Vine application to request service directly from their smartphone - the very same application that has been working so well on the four community shuttles. It also frees up larger vehicles for more productive fixed route service. Staff intends to promote the new on-demand service as a pilot since deploying this style of service on such a large scale is still relatively untested in transit.

Route and Service Profiles

For better spatial understanding of the new service the following section should be reviewed accompanied by Attachment 1 to this report. Reviewing the profiles in tandem with the maps will help provide a better understanding of how the new system will operate. This first iteration of service is intended to represent a general direction NVTA staff is moving with the service. The routes and services staff are proposing may change based on feedback from the public, NVTA's committees, and the Board.

The proposed service may be altered before final Board approval should actual implementation of the service prove to be impractical due to physical barriers or resounding disapproval from the public. All proposed service is budget neutral and reduces the number of large vehicles needed for peak service.

Route A: Browns Valley

Frequency:

Weekdays: Every 60 minutes

Saturdays: Every 60 minutes

Span of service:

Weekdays: 7:00AM – 6:00PM

Saturdays: 7:00AM – 5:00PM

Sundays: No Service

Major Destinations:

- Browns Valley Elementary
- Browns Valley Market
- Luckys Supermarket
- Safeway
- Walgreens
- Napa Post Office
- Bel Aire Plaza
- Kaiser Clinical Offices
- Redwood Park and Ride
- *Close proximity to Napa High*

Addresses the following needs from the Needs Assessment:

- More direct service
- Transit in closer proximity
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

Service will no longer go directly downtown. A time transfer will be coordinated with the Route B. Direct service to north Napa shopping will now be available.

Service Alternatives:

North on Jefferson Street instead of California Boulevard, then back on California
Keep current Route 1 to Soscol Gateway Transit Center

Route B: Laurel South Napa**Frequency:**

Weekdays: Every 45 minutes

Saturdays: Every 60 minutes

Span of service:

Weekdays: 6:15AM – 6:45PM

Saturdays: 7:00AM – 6:25PM

Sundays: No Service

Major Destinations:

- Soscol Gateway Transit Center
- Downtown Napa
- Napa Premium Outlets
- Goodwill
- Grocery Outlet
- CVS

- Rite Aid
- Century Theater and Shopping
- South Napa Marketplace

Addresses the following needs from the Needs Assessment:

- More direct service
- Transit in closer proximity
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The new Route B provides similar service to the current Route 2. Service to the area around Pine Street will no longer be a part of the route. To improve service the route will be bidirectional leading to equal travel times to and from ones destinations.

Service Alternatives:

Keep service on Laurel inbound to the Transit Center as oppose to Browns Valley. Dependent on sidewalk project.

Route C: Jefferson**Frequency:**

Weekdays: Every 30 minutes

Saturdays: Every 60 minutes

Span of service:

Weekdays: 6:00AM – 7:00PM

Saturdays: 7:00AM – 5:00PM

Sundays: No Service

Major Destinations:

- Soscol Gateway Transit Center
- Downtown Napa
- City of Napa Senior Center
- Napa High
- Kaiser Clinical Offices
- Safeway
- Bel Aire Plaza
- Redwood Park and Ride

Addresses the following needs from the Needs Assessment:

- More direct service
- Transit in closer proximity
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route C operates in the same way as the current Route 8 operates. Stops along the route should remain the same; however locations of timepoints could be altered

Service Alternatives:

None

Route D: Shetler and Shurtleff**Frequency:**

Weekdays: Every 35 minutes

Saturdays: Every 35 minutes

Span of service:

Weekdays: 6:00AM – 6:00PM

Saturdays: 7:00AM – 5:00PM

Sundays: No Service

Major Destinations:

- Soscol Gateway Transit Center
- Napa Crossing South
- Phillips Elementary School
- South Napa Marketplace
- Chamberlain High School
- *Close proximity to Skyline Park*
- *Close proximity to Napa State Hospital*

Addresses the following needs from the Needs Assessment:

- Transit in closer proximity
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route D will take the place of the old Route 4. The major change being the removal of service along Terrace Drive.

Service Alternatives:

Keep current version of the Route 4
Make area an on-demand service

Route E: Crosstown Local Connector**Frequency:**

Weekdays: Every 45 minutes
Saturdays: Every 60 minutes

Span of service:

Weekdays: 6:00AM – 7:00PM
Saturdays: 7:00AM – 6:00PM
Sundays: No Service

Major Destinations:

- Soscot Gateway Transit Center
- Downtown Napa
- Napa County Library
- Century Theater and Shopping
- South Napa Marketplace
- Kaiser Clinical Offices
- Safeway
- Bel Aire Plaza
- Queen of the Valley
- Clinic Ole
- Redwood Park and Ride

Addresses the following needs from the Needs Assessment:

- More direct service
- Transit in closer proximity
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route E takes on several routes and combines them into a more linear bidirectional service. With the elimination of the Route 5 there is no longer service on Main Street north of Lincoln. However, riders in that area will have more options for direct service if they walk out to one of the main thoroughfares in Napa.

Service Alternatives:

There is the potential for the route to by-pass the Transit center and head directly to the central downtown area. Should the route prove to be popular it may warrant 30-minute service.

Route 10: Up Valley Connector**Frequency:**

Weekdays: Every 60 minutes

Saturdays: Every 60 minutes

Sundays: Every 60 minutes

Span of service:

Weekdays: 5:50AM – 8:15PM

Saturdays: 6:00AM – 7:00PM

Sundays: 7:15AM – 6:00PM

Major Destinations:

- Soscot Gateway Transit Center
- Napa Valley College
- Walmart
- Queen of the Valley
- Bel Aire Plaza
- Redwood Park and Ride
- Yountville
- St. Helena
- Calistoga

Addresses the following needs from the Needs Assessment:

- Transit in closer proximity
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route 10 will operate as it currently does. Improved schedule timing should result in more reliable service. Adjusting time points to more popular stops like Walmart should also create a better rider experience.

Service Alternatives:

Should more funding become available the span of service could be increased. A funding neutral approach, in attempt to attract service industry workers to use transit for commuting purposes, would be to reallocate midday service to earlier and later service.

Route 10X: Up Valley Express**Frequency:**

Weekdays: Every 60 minutes

Span of service:

Weekdays: 5:00AM – 8:00AM, 4:00PM – 6:00PM

Saturdays: No Service

Sundays: No Service

Major Destinations:

- Redwood Park and Ride
- Yountville Park and Ride
- St. Helena City Hall
- Downtown Calistoga

Addresses the following needs from the Needs Assessment:

- More direct service
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route 10X is intended to provide an expedited trip between the City of Napa and the Up Valley communities in Napa County. Service will be limited to commute hours. The Route 10X will also replace the current Up Valley leg of the Route 29. At the Redwood Park and Ride a timed transfer with the Route 11X will be available to provide a more direct connection to the Vallejo Ferry.

Service Alternatives:

None

Route 11: Napa Vallejo Connector**Frequency:**

Weekdays: Every 60 minutes

Saturdays: Every 60 minutes

Sundays: Every 60 minutes

Span of service:

Weekdays: 7:15AM – 9:50PM

Saturdays: 8:00AM – 7:00PM

Sundays: 9:00AM – 7:00PM

Major Destinations:

- Vallejo Ferry Terminal
- Kaiser Vallejo
- Sutter Hospital
- Walmart (American Canyon)
- Napa County Health and Human Services
- Napa Valley College
- Soscol Gateway Transit Center
- Walmart (Napa)
- Queen of the Valley
- Bel Aire Plaza
- Redwood Park and Ride

Addresses the following needs from the Needs Assessment:

- Transit in closer proximity
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route 11 will operate as it currently does. Improved schedule timing should result in more reliable service. Adjusting time points to more popular stops like Walmart should also create a better rider experience.

Service Alternatives:

Should more funding become available the span of service could be increased. A funding neutral approach, in attempt to attract service industry workers to use transit for commuting purposes, would be to reallocate midday service to earlier and later service.

Route 11X: Napa Vallejo Express**Frequency:**

Weekdays: Every 35 minutes

Span of service:

Weekdays: 6:00AM – 7:45AM, 5:45PM – 6:55PM

Saturdays: No Service

Sundays: No Service

Major Destinations:

- Redwood Park and Ride
- Soscol Gateway Transit Center
- Napa Valley College
- American Canyon Park and Ride
- Vallejo Ferry Terminal

Addresses the following needs from the Needs Assessment:

- More direct service
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route 11X is intended to be the primary route for riders wishing to connect with the Vallejo Ferry or have an expedited trip to Napa during the commute hours. Service will be limited to the morning and evening commute. A timed transfer with the Route 10X will occur at the Redwood Park and Ride for those few riders travelling the entire length of the Napa Valley. Some trips will also stop at Napa Valley College.

Service Alternatives:

None

Route 21: Napa Fairfield Express**Frequency:**

Weekdays: Varies by time of day from 60 minutes to 150 minutes

Span of service:

Weekdays: 5:20AM – 5:20PM

Saturdays: No Service

Sundays: No Service

Major Destinations:

- Soscot Gateway Transit Center
- Napa Valley College
- Fairfield Transit Center
- Suisun City Train Depot

Addresses the following needs from the Needs Assessment:

- More direct service
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route 21 remains unchanged in its current form. A potential funding increase may result in more consistent headways and or later service.

Service Alternatives:

If ridership does not pick up at the stops located at Airport Road and at Health and Human Service the route will be pulled back on to Hwy 29 and only serve the Soscot Gateway

Transit Center, Napa Valley College, the Fairfield Transit Center, and the Suisun City Train Depot

Route 29: Napa BART Express**Frequency:**

Weekdays: Every 60 minutes off peak, every 30 minutes on peak

Span of service:

Weekdays: 5:45AM – 8:45PM

Saturdays: No Service

Sundays: No Service

Major Destinations:

- Redwood Park and Ride
- Solsol Gateway Transit Center
- American Canyon Park and Ride
- El Cerrito del Norte BART

Addresses the following needs from the Needs Assessment:

- More direct service
- Strong anchor points
- Improved connections between services
- More reliable service

Impact on Service in the Surrounding Area:

The Route 29 will no longer serve the Vallejo Ferry Terminal providing more direct service to BART. The Route will also no longer provide trips to Napa Valley College.

Service Alternatives:

None

On-Demand Service: Alta Heights**Frequency:**

Service is on-demand. Wait times will vary depending on demand

Span of service:

Weekdays: 6:00AM – 8:00PM

Saturdays: 9:00AM – 7:00PM

Sundays: No Service

Major Destinations:

- Solsol Gateway Transit Center
- Oxbow Market
- WalMart

Addresses the following needs from the Needs Assessment:

- More direct service
- Improved connections between services
- More reliable service
- Transit in closer proximity

Impact on Service in the Surrounding Area:

Fixed route service will be eliminated from the Alta Heights area. On-demand service will take residents directly from “neighborhood nodes” to locations within the borders of the service area. People wishing to ride elsewhere will be connected to all other fixed route service at the Soscot Gateway Transit Center. On-demand service will also act as in-lieu ADA paratransit for trips beginning and ending in the service area.

Service Alternatives:

Reconsider adding fixed route service back into the area. If feasible make service curb-to-curb instead of node to node.

On-Demand Service: North Napa**Frequency:**

Service is on-demand. Wait times will vary depending on demand

Span of service:

Weekdays: 6:00AM – 8:00PM

Saturdays: 9:00AM – 7:00PM

Sundays: No Service

Major Destinations:

- Redwood Park and Ride
- Bel Aire Plaza
- Queen of the Valley
- Safeway
- Kaiser Clinical Offices
- Clinic Ole
- Knob Hill
- CVS

Address the following needs from the Needs Assessment:

- More direct service
- Improved connections between services
- More reliable service
- Transit in closer proximity

Impact on Service in the Surrounding Area:

Fixed route service will be eliminated north of Trancas and Redwood Road. On-demand service will take residents directly from “neighborhood nodes” to locations within the borders of the service area. People wishing to ride elsewhere will be connected to all other fixed route service at the Redwood Park and Ride. On-demand service will also act as in-lieu ADA paratransit for trips beginning and ending in the service area.

Service Alternatives:

Reconsider adding fixed route service back into the area. If feasible make service curb-to-curb instead of node to node.

Next Steps

All comments from the public, NVRTA’s committees, and the Board will be taken under consideration as staff moves forward with refining this service redesign. Throughout the month of September NVRTA staff will continue to seek feedback with several campaigns to further engage the public. Before committing to a specific service plan staff wants to ensure any changes have general approval of the public.

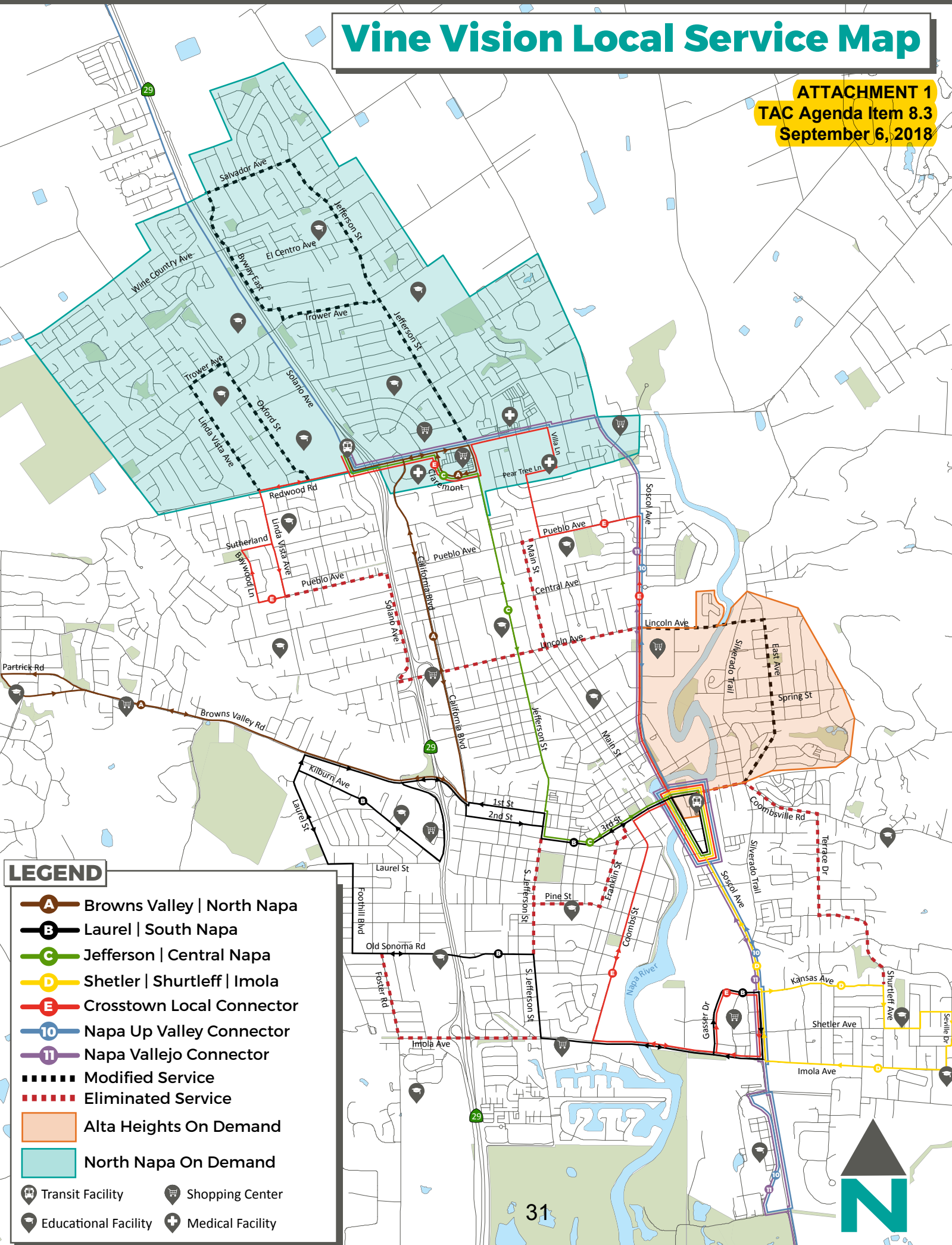
Upon the completion of the second round of outreach, NVRTA staff will create a final service design. All aspects of the new service plan will be compiled into a final report and implementation plan. The final report will contain a review of the planning process that led to the final service design, a profile of each service, long term plans for each route based on shifting land use patterns, and the total cost for the new service. The implementation plan will outline the process staff will go through to ensure a smooth transition into the new service. The plan will also outline a review process of the changes a year after implementation to see if additional changes are needed. The Board will consider both these documents for adoption.

SUPPORTING DOCUMENTS

Attachment: (1) Service Redesign Maps

Vine Vision Local Service Map

ATTACHMENT 1
TAC Agenda Item 8.3
September 6, 2018



CALISTOGA
Lincoln Bridge

Vine Vision Express Service Map

ST HELENA

St. Helena
City Hall

YOUNTVILLE

Yountville
Park & Ride

**NAPA
COUNTY**

Redwood
Park & Ride

NAPA

Soscol Gateway
Transit Center

**SONOMA
COUNTY**

Napa Valley
College

Fairfield

Suisun City
Train Depot

**Suisun
City**

Fairfield
Transit Center

**AMERICAN
CANYON**

American Canyon
Park & Ride

VALLEJO

Vallejo
Ferry

**SOLANO
COUNTY**

**MARIN
COUNTY**

**CONTRA COSTA
COUNTY**

El Cerrito del Norte BART

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