June 21, 2017
NVTA Board of Directors
Meeting Handouts

1. **Draft NVTA - Caltrans Report June 2017**

2. **June 8, 2017 Letter from Solano Transportation Authority (STA) Regarding State Route 37 Corridor**

3. **Measure T Logo**

4. **Item 11.2.B PowerPoint Presentation - Federal Transit Administration 5311F Intercity Bus Program**

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PROJECT INITIATION DOCUMENT

EA 4J820
Tulucay Creek Bridge Replacement; NAPA 121 PM 5.9 in City of Napa
Scope: Bridge Replacement

EA 4J830
Hopper Slough Creek; NAPA 128 PM 5.1 in County of Napa
Scope: Bridge Replacement

EA 0K000
ADA Compliance; NAPA 29 PM 0.0/14.6 in County of Napa
Scope: Upgrade Pedestrian Facilities

EA 0K630
Bridge Rails; NAPA 29 PM 14.1/19.04 in County of Napa
Scope: Upgrade / Replace Bridge Rails

EA 2K150
Bridge Rails; NAPA 29 PM 28.43/29.3 in County of Napa
Scope: Upgrade / Replace Bridge Rails

EA 4J990
Storm Water Quality Improvement; NAPA 29 PM 32.0/33.0 in County of Napa
Scope: Improve water quality and fish passage

EA 4J410
Drainage Improvement; NAPA 29 PM 1.7/5.1 in City of American Canyon
Scope: Rehabilitate Culverts

EA 0J890
5-Way Intersection; NAPA 121-PM 7.3 in City of Napa
Scope: Intersection Improvement

EA 2K810
Anti-Vandalism Measure; NAPA 29 121-PM 11.0/R21.0 in County of Napa
Scope: Replace Fencing

EA 0J760
Napa Valley Vine Trail; NAPA 29-PM 33.4/37.9 in County of Napa
Scope: Construct Class 1 Multiuse Path

EA 4J300 PID Completed; SHOPP Programming Pending
Pavement Preservation; NAPA 29-PM 29.3/36.9From York Creek Bridge to Junction Route 128 in Calistoga
Scope: Roadway/ Pavement preservation (CAPM)

PID (Project Initiation Document) **PSR** (Project Study Report) **DED** (Draft Environmental Document)
PAED (Project Approval/ Environmental Document) **PSE** (Plans, Specifications, and Estimate)
RWC (Right of Way Certification) **RTL** (Ready to List) **CCA** (Construction Contract Acceptance)
ADV (Advertise Contract) **BO** (Bid Open) **AWD** (Award Contract)

ENVIRONMENTAL

EA 2J880
Garnett Creek; NAPA 29-PM 39.1 in County of Napa
Scope: Scour repair
Cost Estimate: $2,000 K Construction Capital
Schedule: **PAED:** 9/2018 **PS&E:** 02/2020 **RWC:** 3/2020 **RTL:** 4/2020 **CCA:** 12/2021

EA 2J770
Bridge Maintenance; NAPA 29, 121 and 128-Various Locations in County of Napa
Scope: Sub-structure rehabilitation and bridge scour mitigation
Cost Estimate: $1,000 K Construction Capital
Schedule: **PAED:** 9/2018 **PS&E:** 02/2020 **RWC:** 3/2020 **RTL:** 4/2020 **CCA:** 12/2021

EA 4J210
Capell Creek Bridge #21-0064; NAPA 121-PM 18.59 in County of Napa
Scope: Sub-structure rehabilitation and bridge scour mitigation
Cost Estimate: $1,400 K Construction Capital
Schedule: **PAED:** 9/2018 **PS&E:** 2/2020 **RWC:** 3/2020 **RTL:** 4/2020 **CCA:** 12/2021

EA 3J740
Wooden Valley Earthquake Damage; NAPA 121-PM 14.80 in County of Napa
Scope: Earthquake damage permanent restoration/ Install anchored wire mesh
Cost Estimate: $891K Construction Capital
Schedule: **PAED:** 7/2017 **PS&E:** 8/2017 **RWC:** 9/2017 **RTL:** 9/2017 **CCA:** 11/2023

EA 2J570
Storm Damage; NAPA 121-PM 20.06 in County of Napa
Scope: Culvert and erosion repair
Cost Estimate: $1.8M Construction Capital
Schedule: **DED:** 5/1/17 **PAED:** 9/2017 **PS&E:** 4/2018 **RWC:** 5/2018 **RTL:** 6/2018 **CCA:** 11/2019

EA 4G210
Widen Roadway at Huichica Creek; NAPA 121-PM 0.75 in County of Napa
Scope: Remove existing triple box culvert and replace with a new bridge
Cost Estimate: $8.7M Construction Capital
Schedule: **DED:** 9/2017 **PAED:** 12/2017 **PS&E:** 4/2019 **RWC:** 5/2019 **RTL:** 5/2019 **CCA:** 12/2025

EA 28120
Soscol Junction Improvement; NAPA 29 PM 5.0/7.1 and NAPA 221 PM 0.0/0.7 in County of Napa
Scope: Construct Flyover Structure at SR 221/29/12
Cost Estimate: $35M Construction Capital-**Not Programmed**
Schedule **DED:** 3/16/15 **PAED:** TBD

DESIGN

EA 4G840
Capell Creek Bridge; NAPA 128-PM 20.2 in County of Napa
Scope: Bridge Replacement
Cost Estimate: $12.1M Construction Capital
Schedule: **DED:** 1/29/16 **PAED:** 6/16/16 **PS&E:** 2/2018 **RWC:** 3/2018 **RTL:** 4/2018 **CCA:** 12/2021

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EA 2J100
Construct Roundabout; NAPA 29-PM 11.36 in City of Napa
Scope: Cooperative Project to construct roundabout at northbound First St. Interchange.
Cost Estimate: $3.8M Construction Capital
Schedule: **PAED:** 7/18/16 **PS&E:** 1/2018 **RWC:** 3/2018 **RTL:** 3/2018 **CCA:** 12/2019

EA 4H200
Pavement Preservation; NAPA 29-PM 13.5/25.5 from 0.4 mile north of Trancas St. to Mee Ln. in County of Napa
Scope: Resurface existing pavement
Cost Estimate: $17.1M Construction Capital
Schedule: **PAED:** 1/29/2016 **PS&E:** 05/25/17 **RWC:** 5/25/17 **RTL:** 6/2017 **CCA:** 12/2019

EA 3G140
ADA Curb Ramps; NAPA 29 and 128; in City of Calistoga
Scope: Upgrade and construct curb ramps at various locations.
Cost Estimate: $1.4M Construction Capital
Schedule: **PAED:** 4/29/16 **PS&E:** 6/2017 **RWC:** 6/2017 **RTL:** 6/2017 **CCA:** 11/2018

EA 1G430
Conn Creek Bridge Scour Mitigation; NAPA 128 PM R7.4 on Silverado Trail in County of Napa
Scope: Replace Bridge at Conn Creek
Cost Estimate: $7.1M Construction Capital
Schedule: **PAED:** 10/5/15 **PSE:** 10/2017 **RWC:** 02/2018 **RTL:** 2/2018 **CCA:** 07/2020

EA 4G920
Tulucay Creek Bridge Repair; NAPA 121-PM 6.1/6.2 in City of Napa
Scope: Bridge Repair
Cost Estimate: $2.2M Construction Capital
Schedule: **PAED:** 10/19/2016 **PS&E:** 1/2018 **RWC:** 2/2018 **RTL:** 3/2018 **CCA:** 6/2019

EA 4A09A
Troutdale Creek Plant Establishment; NAPA 29 PM 47.0/47.2 in County of Napa
Scope: Permit requirement of riparian planting
Cost Estimate: $100K Construction Capital
Schedule: **PAED:** 7/28/13 **PSE:** 10/13/2016 **RWC:** 10/13/2016 **RTL:** 10/13/16 **CCA:** 12/2019

EA 4G490
Concrete Barrier; NAPA 29 PM 11.9 at Solano Ave. Southbound Onramp in City of Napa
Scope: Install Concrete Barrier (Type 60)
Cost Estimate: $1.3M Construction Capital
Schedule: **PAED:** 1/06/16 **PS&E:** 12/12/16 **RWC:** 1/5/17 **RTL:** 3/1/17 **CCA:** 12/2018

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ADV (Advertise Contract) **BO** (Bid Open) **AWD** (Award Contract)

CONSTRUCTION

EA 2594A
Replanting; NAPA 29 PM 20.4/20.8 in County of Napa
Scope: Highway Tree Planting
Cost Estimate: $850K Construction Capital
Schedule: **PAED:** 6/29/07 **RTL:** 3/30/16 **AWD:** 10/28/16 (Empire Landscaping.) **CCA:** 12/2021

EA 3G640
Napa River Bridge Scour Mitigation; NAPA 29 PM 37.0 in City of Calistoga
Scope: Replace Bridge at Napa River Bridge
Cost Estimate: $9.2M Construction Capital
Schedule: **PAED:** 2/9/15 **RTL:** 6/30/16 **AWD:** 3/17/17 (Valentine Corp.) **CCA:** 12/2019

EA 2A320
Sarco Creek Bridge Replacement; NAPA 121 PM 9.3/9.5 near City of Napa In County of Napa
Scope: Replace Bridge at Sarco Creek
Cost Estimate: $9.7M Construction Capital
Schedule: **PAED:** 6/28/12 **RTL:** 4/21/16 **AWD:** 12/1/16 Ghilotti Const**.** **CCA:** 12/2018

EA 2641A
Jameson Canyon Landscape; NAPA 12 PM 0.0/3.3 and SOL 0.0/R2.6 in Counties of Napa & Solano
Scope: Plant replacement
Cost Estimate: $710K Construction Capital
Schedule: **RTL:** 11/18/14 **AWD:** 7/31/15 Bortolussi & Watkin, Inc **CCA:** 03/2020

EA 2A11A
Capell Creek Bridge Landscaping; NAPA 121 PM 20.2 in County of Napa
Scope: Plant replacement
Cost Estimate: $440K Construction Capital
Schedule: **RTL:** 12/01/14 **AWD:** 5/15/15 Bortollusi & Watkin Inc. **CCA:** 07/2020

EA 25941
Channelization; NAPA 29 PM 25.5/28.4 in and Near City of St. Helena in County of Napa
Scope: Left-turn channelization and pavement rehabilitation from Mee Lane to Charter Oak Avenue
Cost Estimate: $19M Construction Capital
Schedule: **RTL:** 6/18/14 **AWD:** 3/17/15 Ghilotti Bros. Inc. **CCA:** 08/2017

ACTION ITEMS:

PID (Project Initiation Document) **PSR** (Project Study Report) **DED** (Draft Environmental Document)
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Solano Transportation Authority
...working for you!

SOLANO TRANSPORTATION AUTHORITY

Member Agencies:
Benicia • Dixon • Fairfield • Rio Vista • Suisun City • Vacaville • Vallejo • Solano County

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June 8, 2017

COPY

Supervisor Alfredo Pedroza
Napa County Board of Supervisors, 4th District
Board Member, Metropolitan Transportation Commission
Member, SR 37 Policy Advisory Committee (PAC)

Supervisor Belia Ramos
Napa County Board of Supervisors, 5th District
Member, SR 37 Policy Advisory Committee (PAC)

Mayor Leon Garcia
City of American Canyon
Member, SR 37 Policy Advisory Committee (PAC)

RE:
1. **STA Taking on Lead Agency for SR 37 Corridor Segments B and C**
2. **Partnership with STA for Delivery of Improvements to Segments B and C of SR 37 Corridor**

Dear Supervisor Pedroza, Supervisor Ramos, and Mayor Garcia:

I am writing to follow up with you, as the Napa County members of the SR 37 Policy Advisory Committee, to report that on May 10, 2017, the Solano Transportation Authority (STA) Board unanimously supported a recommendation from City of Vallejo Mayor Bob Sampayan and myself for STA to take responsibility for serving as lead agency for the delivery of Segments B and C of the SR 37 Corridor. STA would like to invite the Napa Valley Transportation Authority (NVTA) to continue to partner with us in the delivery of initial SR 37 project improvements and in the development of a funding strategy for segment B which is located in both Solano and Sonoma Counties and Segment C which is located within Solano County in recognition of the close proximity of Napa County to SR 37.

The past year, STA has worked in partnership through the SR 37 Corridor Memorandum of Understanding (MOU) with NVTA, the Sonoma County Transportation Authority (SCTA), and the Transportation Authority of Marin (TAM) to conduct an initial financial assessment of the SR 37 Corridor and to fund a SR 37 Corridor Study with assistance from the Metropolitan Transportation Commission (MTC). STA is ready to start the work necessary to advance the initial project into the various stages of project development (environmental, design, etc.), to pursue initial funding to initiate the environment process for the first phase of corridor improvements to Segments B and C of SR 37, and to examine in more detail potential financing options in order to determine a preferred strategy for financing these initial set of SR 37 corridor improvements.

STA remains committed to the continuation of our proactive participation in the SR 37 Corridor MOU group at both the policy and staff level and we look forward to reviewing and discussing the results and recommendations from the SR 37 Corridor Study with initial recommendations

scheduled to be ready by September of this year. At the same time, our STA Board is of the opinion that the longer we wait, the longer it will take to deliver the initial set of SR 37 projects. With the recent flooding episodes that closed segments of SR 37 on multiple occasions this year in Marin County and in the City of Vallejo and recent data that identifies drivers on SR 37 are now regularly experiencing trips with 80 minutes of delay in the eastbound direction (100 minutes versus 20 minutes during free flow) and 25 minutes of delay in the westbound direction (45 minutes versus 20 minutes of free flow), the time to begin advancing improvements is now.

Segment B, specifically, has a combination of capacity, design, sea level rise vulnerability, flooding, and environmental issues and constraints. Advancing improvements for SR 37 from concept to reality will be arduous and challenging. STA policymakers and staff would like to transition from discussion to project implementation. We plan to begin coordinating in more detail with the Sonoma County Transportation Authority (SCTA) in order to determine the specifics of improvements to segments B that are located in Solano and Sonoma counties and to begin communicating with the Bay Area Toll Authority (BATA), Caltrans, private investments groups, and other potential financial and project delivery partners.

In recent years, STA has obtained extensive experience in delivery of large capital projects. Since 2005, STA has delivered 9 environmental documents, completed 10 design documents, successfully completed 7 project related right of way activities totaling over 90 properties, and managed 6 construction projects. This has included our award winning partnership with Napa Valley Transportation Authority (NVTA) and Caltrans to design, fund and construct the picturesque SR 12 Jameson Canyon Widening Project and our current partnership with the Bay Area Toll Authority (BATA) and Caltrans to environmentally clear and design 18 miles of the I-80 Express Lanes.

We have scheduled meeting with you and your staff in the forthcoming months to discuss issues pertaining to SR 37 segments B and C. Having our two agencies continue to work together to deliver improvements to Segments B and C will help ensure that local needs and issues are addressed as part of the environmental and design phases of the project. We would also be interested in coordinating with NVTA's Vine Transit and Solano County Transit (SolTrans), of which STA is a member, to plan for future transit service along this congested corridor. In recent years, STA and NVTA have successfully partnered to fund the Vine 21 transit service that provides transit service, with growing ridership, between the City of Napa and the cities of Fairfield and Suisun City and the Solano Napa Commuter Information (SNCI) program that provides rideshare services for employers and employees from both Napa and Solano Counties.

We look forward to discussing the delivery and financing of improvements to the SR 37 Corridor with you and your Napa County colleagues. Please give me call at (707) 784-6136, if you have any questions regarding this invitation to partner with the STA in support of SR 37.

Sincerely,

James P. Spering, Chair
Solano Transportation Authority
3rd District Supervisor, Solano County Board of Supervisors

Cc: Supervisor Erin Hannigan, 1st Supervisorial District and Vice-Chair, SR 37 PAC
Mayor Bob Sampayan, City of Vallejo and Member of SR 37 PAC
Kate Miller, Executive Director, NVTA

MEASURE T

YOUR TAX DOLLARS • YOUR ROADS

FEDERAL TRANSIT ADMINISTRATION SECTION 5311F

INTERCITY BUS PROGRAM

June 21, 2016

NAPA VALLEY TRANSPORTATION AUTHORITY

EXPENDITURE AND FUNDING PLAN

Expenditure Plan	Route 25	Route 21	Total
Purchase Transportation	$207,775	$309,287	$517,062
Fuel	$32,094	$30,341	$62,435
Total Direct Costs	$239,869	$339,628	$579,497
Direct Cost Percentage (%)	41%	59%	100%
Funding Plan	**Route 25**	**Route 21**	**Total**
FTA 5311(f)	$121,834	$178,166	$300,000
TDA	$111,858	$143,840	$255,698
STA Contribution	--	$ 30,000	$ 30,000
Total Funding	**$233,692**	**$352,006**	**$585,698**
Operating Farebox $	$6,177	$17,622	$23,799
Operating Farebox Recovery	**2.6%**	**5.1%**	**4.1%**
Statutory Farebox $	$6,177	$47,622	$53,799
Statutory Farebox Recovery	**2.6%**	**14%***	**9.3%**

INTERCITY BUS PROGRAM ALTERNATIVES

Option	Proposal	Description	Potential Outcome(s)
1	Route 25 service and fare parity with Route 21	Raise fares to $3 per person, no discounts allowed for Commuter/Peak service. Parity may eliminate mid-day service on Route 25, or 1 run per day	• 35% reduction of adult "choice" riders • 100% reduction of senior/disabled "choice" riders • Transit dependent riders would decrease long term • Total Cost Reduction: $40,000 Total Farebox Increase: $10,900
2	Preserve Route 25 by having shortfalls covered by Napa and Sonoma jurisdictions	NVTA could receive contributions from the City of Sonoma, Sonoma County Transit, or Sonoma County Transportation Authority through contractual agreements. Shortfall amounts are proportional based on trip originations of 56% from Sonoma and 44% from Napa.	• Sonoma shortfall amount: $58,461 • Napa shortfall amount: $45,933 • NVTA would be obligated to cover funding shortages not met by Sonoma jurisdictions
3	Interline with Sonoma County Transit Routes to Napa	NVTA provides a contribution to SCT for running SCT routes 40 and 53 to Napa.	• Contribution amount to SCT Cost/Savings: To Be Determined

INTERCITY BUS PROGRAM ALTERNATIVES

Option	Proposal	Description	Potential Outcome(s)
4	Proportionally divide the $78,000 reduction of 5311f funds to each route- 50/50 split, or $39,000 reduction for each route	• Route 21 will have 1,068 less hours than the current 4,745 hours of service per fiscal year or 2 runs per day • Route 25 will have 1,020 less hours than the current 3,187 hours of service per fiscal year or 2 runs per day	• Reduced service may jeopardize contribution from STA on the Route 21 ($30,000 annually) • 24% cut in service for Route 21 could result in a farebox loss of $5,815 or 33% • 32% cut in service for Route 25 could result in a farebox loss of $2,880 or 47% • $78,000 reduction in federal funds equates to $141,000 of decreased operating costs
5	Eliminate Route 25 service to Sonoma, then add frequency to Route 21 with leftover 5311f funds	• Allocate leftover 5311f funds of $44,000 or $79,523 in total operating assistance by providing an additional 1,223 hours or 26% increase to Route 21 service. Additional hours could add 3 extra runs per weekday, or provide limited Saturday service*.	• Ridership is expected to increase on Route 21 by 36%, adding to farebox of $3,500 • STA has expressed an interest to contribute up to an additional $20,000 for Route 21 expansion • Saturday service could potentially decrease farebox ratio by converting commuter service into regular service requiring half-fares for senior/disabled populations

Questions