



April 17, 2024
NVTA Board of Directors Meeting
Meeting Handouts

1. Agenda Item 9 - Caltrans Report for April
2. Agenda Item 10.1 – NVTA Project Update Powerpoint
3. Agenda Item 12.4 – CTP Performance Metrics Update Powerpoint

PROJECT INITIATION REPORT

EA 4Y400

Operational Improvement; NAPA 121 PM7.2 on Route 121 and Hennessy Drive Intersection in the City of Napa

Scope: Operational Improvement

EA 2Q510

Pavement Rehab; NAPA 29 PM42.1/48.6 in County of Napa

Scope: Pavement rehabilitation and Safety Improvements

ENVIRONMENTAL

EA 2W880

Pavement Preservation; NAP 128 PM4.56/19.10 in County of Napa from R29 to Knoxville Road

Scope: Pavement Preservation

Cost Estimate: \$13.8M Construction Capital

Schedule: PAED: 2/2026 PS&E: 12/2027 RWC: 3/2028 RTL: 3/2028

EA 4W370

Bridge Scour Mitigation; NAPA 29 PM 6.99 in County of Napa at the Napa River BOH

Scope: Scour Mitigation and Seismic Retrofit

Cost Estimate: \$23.4M Construction Capital

Schedule: PAED: 2/2032 PS&E: 5/2033 RWC: 7/2033 RTL: 9/2033

EA 4Q010

NAPA 29 PM 0.6/R2.5 in City of American Canyon

Scope: Multi-Modal Corridor Improvements

Cost Estimate: \$ 53.1 M Construction Capital

Schedule: PSR/PDS: 2/6/2023

A PAED coop agreement is executed on 2/29/2024

EA 2W370

Major Damage; NAPA 29 PM 42.57 in County of Napa

Scope: Replace failed netting with new netting, remove debris, and install additional erosion control.

Cost Estimate: \$1.1 M Construction Capital

Schedule: PAED: 3/2025 PS&E: 3/2026 RWC: 4/2026 RTL: 5/2026

EA 4AC80

Pavement Rehab; NAPA 29 PM 0.0/7.0 in American Canyon & County of Napa

Scope: Pavement rehabilitation

Cost Estimate: \$18.91 M Construction Capital

Schedule: PAED: 4/2024 PS&E: 3/2025 RWC: 5/2025 RTL: 6/2025

PIR (Project Initiation Report)

PAED (Project Approval/ Environmental Document)

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EA 4AC90

Safety; Various Locations in County of Napa

Scope: Install/ Upgrade Horizontal Alignment Warning Signs

Cost Estimate: \$4.47M Construction Capital

Schedule: PAED: 4/2024 PS&E: 3/2025 RWC: 5/2025 RTL: 6/2025

EA 0Q800

Major Damage; NAPA 121 PM 6.9/12.1 in County of Napa

Scope: Permanent Restoration; Inject grout at sinkhole and install drainage

Cost Estimate: 1M Construction Capital

Schedule: PA&ED: 9/2024 PS&E: 11/2025 RWC: 03/2026 RTL: 04/2026

EA 4AA30

Storm Damage; NAPA 128 PM 12.5 in County of Napa

Scope: Storm Damage Restoration – Install Soil Nail Wall

Cost Estimate: \$5.3 M Construction Capital

Schedule: PAED: 10/2024 PS&E: 11/2025 RWC: 12/2025 RTL: 01/2026

EA 0J890

5-Way Intersection; NAPA 121-PM 7.3 in City of Napa

Scope: Intersection Improvement

Cost Estimate: \$7.9M Construction Capital (\$1.96M SHOPP Contribution)

Schedule: PAED: 11/2024 PS&E: 6/2026 RWC: 6/2026 RTL: 6/2026

A coop agreement is executed on 8/28/2023

DESIGN

EA 4J820

Tulucay Creek Bridge Replacement; NAPA 121 PM 5.9 in City of Napa

Scope: Bridge Replacement

Cost Estimate: \$15.6M Construction Capital

Schedule: DED: 06/30/2022 PAED: 03/27/2023 PS&E: 04/2024 RWC: 01/2026 RTL: 02/2026

EA 0Q790

Storm Damage; NAPA 121 PM 13.37/20.73 (5 locations) in County of Napa

Scope: Construct RSP at five slipout locations.

Cost Estimate: \$4.3M Construction Capital

Schedule: PAED: 02/9/2023 PS&E: 04/2024 RWC: 05/2024 RTL: 06/2024

EA 0O830

Storm Damage; NAPA 29 PM 46.1 in County of Napa

Scope: Construct CIDH segmented pile wall at slip out

Cost Estimate: \$1.7M Construction Capital

Schedule: PAED: 06/29/2022 PS&E: 1/2024 RWC: 1/2024 RTL: 1/2024

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EA 00820

Storm Damage; NAPA 29 PM11.6/13.0 in City of Napa

Scope: Repair Culvert and stabilize the roadway.

Cost Estimate: \$14.073M Construction Capital

Schedule: PAED: 09/10/2021 PS&E: 9/2023 RWC: 11/2023 RTL: 12/2023

EA 20610

Pavement Rehab; NAPA 29 PMR7.3/13.5 in County of Napa

Scope: Pavement rehabilitation.

Cost Estimate: \$23.3M Construction Capital

Schedule: PAED: 04/20/2022 PS&E: 04/2024 RWC: 04/2024 RTL: 04/2024

EA 10620 Pavement Rehab; NAPA 121 PM4.47/10.7 in City of Napa

Scope: Pavement repair.

Cost Estimate: \$35M Construction Capital

Schedule: PAED: 06/30/2022 PS&E: 05/2024 RWC: 05/2024 RTL: 06/2024

EA 2J88U

No-Name Creek Bridge; NAPA 29-PM42.83 in County of Napa

Scope: Sub-structure rehabilitation and scour mitigation at one bridge

Cost Estimate: \$2.20M Construction Capital

Schedule: PAED: 2/1/2019 PSE: 8/2024 RWC: 8/2025 RTL: 9/2025

EA 4J990

Storm Water Quality Improvement; NAPA 29 PM33.13 in County of Napa

Scope: Improve water quality and fish passage

Cost Estimate: \$6.9M Construction Capital

Schedule: DED: 12/2/2020 PAED: 06/30/2021 PS&E: 06/2024 RWC: 11/2024 RTL: 12/2024

EA 4J830

Hopper Slough Creek; NAPA 128 PM5.1 in County of Napa

Scope: Bridge Replacement

Cost Estimate: 12.2 M Construction Capital

Schedule: DED: 03/18/2022 PAED: 06/29/2022 PS&E: 04/2024 RWC: 01/2026 RTL: 02/2026

CONSTRUCTION

EA 30760

Rumble Strips; NAPA 29, 121 & 128 Various Locations in County of Napa

Scope: Construct rumble strips at seven locations.

Cost Estimate: \$3.3M Construction Capital

Schedule: PAED: 12/31/2021 PS&E: 5/26/2023 RWC: 5/30/2023 RTL: 6/26/2023 CCA 10/2024

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EA 0K630

Bridge Rails; NAPA 29 PM 16.48/19.04 in County of Napa

Scope: Upgrade / Replace Bridge Rails in 3 Bridges

Cost Estimate: \$4.7M Construction Capital

Schedule: PAED:10/22/2020 PS&E:12/02/2022 RWC:12/05/2022 RTL:12/05/2022 AC: 07/14/2023 CCA:11/2025

EA 0O810

Storm Damage; NAPA 121 PM 16.0/16.1 in County of Napa

Scope: Repair pavement, replace drainage systems and upgrade guardrail.

Cost Estimate: \$1.3M Construction Capital

Schedule: PAED:02/02/2022 PS&E:05/04/2023 RWC:06/20/2023 RTL:06/26/2023 AC:1/23/2024 CCA:07/2025

Awarded Contractor: ARGONAUT CONSTRUCTORS

EA 4J410

Drainage Improvement; NAPA 29 PM 1.7/5.1 in City of American Canyon

Scope: Rehabilitate Culverts

Cost Estimate: \$3.3M Construction Capital

Schedule: PAED: 2/4/2020 RTL: 10/3/2022 AWD: 3/21/2023 (Terracon Constructors Inc.) AC: 04/07/2023 CCA: 11/2025

EA 0O690

Storm Damage; NAPA 12 PM 2.1/2.6 in County of Napa

Scope: Construct Rock Slope Protection (RSP) to prevent further slope washout and pavement repair

Cost Estimate: \$1.2M Construction Capital

Schedule: PAED:12/1/2020 PS&E:06/21/2022 RWC:06/22/2022 RTL:06/24/2022 AC: 03/03/2023 CCA: 12/2024

EA 1G43A

Env. Mitigation at Conn Creek; NAPA 128 PM 7.4 on Silverado Trail in County of Napa

Scope: Environmental mitigation, monitoring and report at Conn Creek

Cost Estimate: \$0.2M Construction Capital

Schedule: PAED: 10/5/2015 PS&E: 6/28/2021 RWC: 08/10/2021 RTL: 08/23/2021 AC: 07/26/2022 CCA: 10/2031

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 New Interchange at SR 221/29/12

Cost Estimate: \$36.7M Construction Capital

Schedule: PAED:2/13/2020 PSE:08/26/2021 RWC:08/25/2021 RTL:08/26/21 AC:05/13/2022 CCA: 9/2026

EA 2Q260

Napa Valley Vine Trail; NAPA 29-PM 33.4/37.9 in County of Napa

Scope: Construct Class 1 Multiuse Path

Cost Estimate: \$6.1M Construction Capital

Schedule: DED: 6/17/2020 PAED:01/15/2021 PS&E: 12/10/2021 RWC: 12/10/2021 RTL: 12/10/2021

AWD: 5/20/2022 (Ghilotti Construction Company) AC: 06/15/2022 CCA: 12/2024

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EA 0K000

ADA Compliance; NAPA 29 PM 0.23/14.6 in County of Napa

Scope: Upgrade Pedestrian Facilities

Cost Estimate: \$2.1M Construction Capital

Schedule: PAED: 7/1/2019 PS&E: 07/27/2021 RWC: 09/02/2021 RTL: 09/22/2021 AC: 04/08/2022 CCA: 6/2024

EA 3G64A

Env. Mitigation & Plant Establishment at Napa River Bridge; NAPA 29 PM 37.0 in City of Calistoga

Scope: Environmental mitigation at Napa River Bridge

Cost Estimate: \$0.5M Construction Capital

Schedule: PAED: 2/9/2015 RTL: 5/29/2019 AWD: 3/26/2020 (Hanford Applied) AC: 05/28/2020 CCA: 12/2028

EA 4G210

Widen Roadway at Huichica Creek; NAPA 121-PM 0.75 in County of Napa

Scope: Remove existing triple box culverts and replace with a new single span bridge

Cost Estimate: \$8.7M Construction Capital

Schedule: PAED: 4/9/2018 RTL: 12/8/2020 AWD: 5/19/2021 (Gordon Ball Inc) AC: 06/10/2021 CCA: 04/2024

EA 4G21A

Env. Mitigation at Huichica Creek; NAPA 121-PM 0.75 in County of Napa

Scope: Environmental mitigation, monitoring and report at Huichica Creek

Cost Estimate: \$1.0M Construction Capital

Schedule: PAED: 4/9/2018 RTL: 06/9/202 AWD: 11/28/2023 AC: 12/20/2023 CCA: 06/2033

EA 4J210

Capell Creek Bridge; NAPA 121-PM 18.59 in County of Napa

Scope: Sub-structure rehabilitation and bridge scour mitigation

Cost Estimate: \$1.56M Construction Capital

Schedule: PAED: 7/24/2017 RTL: 5/18/2020 AWD: 11/2/2020 (Ghilotti Const. Inc) CCA: 11/22/2023 EP: 8/2024

EA 4G840

Capell Creek Bridge; NAPA 128-PM 20.2 in County of Napa

Scope: Bridge Replacement

Cost Estimate: \$15.8M Construction Capital

Schedule: PAED: 6/16/2016 RTL: 6/29/2018 AWD: 02/19/2019 (Gordon Ball Inc.) CCA: 03/30/2023 EP: 12/2024

EA 4G84A

Capell Creek Bridge Env Mitigation; NAPA 128-PM 20.2 in County of Napa

Scope: Environmental Permit Mitigation & Plant Establishment to Bridge Replacement

Cost Estimate: \$0.5M Construction Capital

Schedule: PAED: 6/16/2016 RTL: 05/23/2022 AWD: 11/17/2022 CCA: 11/17/2031

ACTION ITEM

PIR (Project Initiation Report)

PAED (Project Approval/ Environmental Document)

RWC (Right of Way Certification)

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NVTA PROJECT UPDATE

April 17, 2024

Grant Bailey, PE/Program Manager –
Engineer, NVTA



Napa Valley College Bus Stop

Project Objective: Eliminate loop in NB service route to Napa Valley College by expanding existing bus stop on James Diemer Dr.

• Benefits

- ❑ Reduce NB trip times by 10 minutes
- ❑ Save 200 minutes of NB time every weekday
- ❑ Provide clearly designated NB & SB stops

Project Manager: Grant Bailey

• Schedule

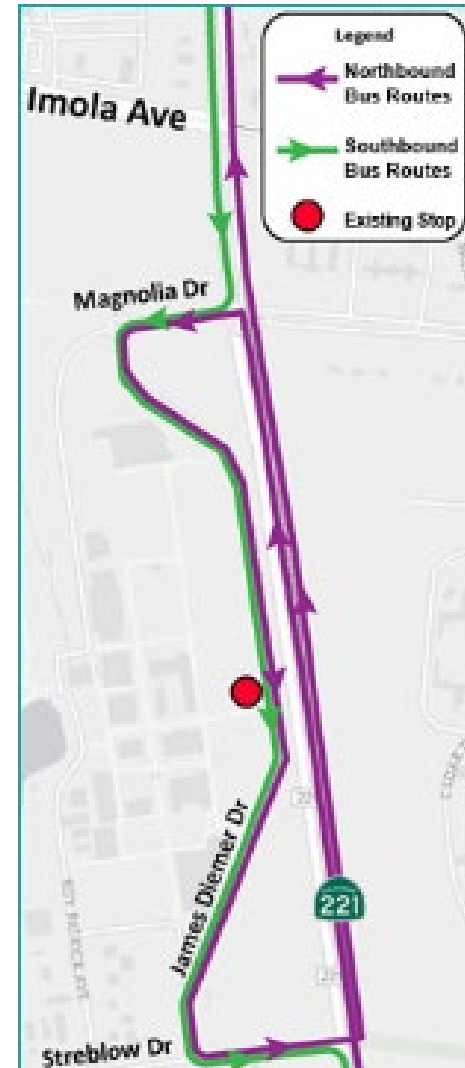
- ❑ Design: April 23 – March 24
- ❑ Construction Bid & Contract Award: April 24 – June 24
- ❑ Construction: June 24 – August 24

• Issues/Risks

- ❑ City utility licensing agreement

• Costs

- ❑ Preconstruction: \$150,000
- ❑ Construction Estimate: \$650,000



Napa Valley College Bus Stop



Soscol Junction

Project Objective: reduce congestion on SR 29 by removing a signalized intersection at SR 221/Soscol Ferry Rd and SR 29 through grade separated roundabouts.

Project Manager: Grant Bailey

- **Status**

- ❑ Soscol Ferry Rd closed to SR 29 & SR 221 - detoured
- ❑ Roundabout construction ongoing
- ❑ Northbound traffic switched to overcrossing in January 2024

- **Upcoming Work/Risks**

- ❑ Shift southbound SR29 traffic to bridge crossing - Tonight
- ❑ SR221 single lane closure targeted mid-June
- ❑ Swainson's Hawk

- **Schedule**

- ❑ Ribbon Cutting – Summer 2024
- ❑ Contract Completion Target: November 2024

- **Costs**

- ❑ Preconstruction: \$11.4M
- ❑ Construction: \$37.7M
- ❑ Construction Support: \$5.7M



Vine Trail – St. Helena to Calistoga

Project Objective: Build an 8-mile segment of Vine Trail connecting Calistoga & St Helena, furthering build out of the 47-mile overall trail.

Project Manager: Grant Bailey

- **Milestones**

- ❑ Work resumed April 2024
- ❑ HAWK signals constructed

- **Upcoming Work**

- ❑ Reach 1 & 2 rough grading
- ❑ Trail barrier installs
- ❑ Property frontage alterations

- **Issues/Risks**

- ❑ Archaeological discoveries
- ❑ Property owners

- **Costs**

- ❑ Preconstruction: \$3.2M
- ❑ Construction Estimate: \$15.2M



SR 29 American Canyon Corridor

Project Manager: Grant Bailey

Project Objective: make operational and intersection improvements and add multimodal facilities along SR 29 between Napa Junction Road and American Canyon Road.

- **Cost**

- ❑ Pre-construction - \$20 million
- ❑ Construction - \$55 million

- **Status**

- ❑ PA&ED kicked off April 24
- ❑ Begin public outreach

- **Schedule (pending funding)**

- ❑ 2023 – PID approval (complete)
- ❑ 2024-25 – Environmental
- ❑ 2026-27 – Design
- ❑ 2026-27 – Right-of-way
- ❑ 2027 – Construction (funding dependent)



Q&A – Thank you!

Grant Bailey, PE/Program Manager, Engineer

Email: gbailey@nvta.ca.gov

Phone: 707-259-5951



Napa Valley Transportation Authority Countywide Transportation Plan (CTP) Performance Metrics Update

NVTA Board Presentation
April 17, 2024 1:30 p.m.





MEETING AGENDA

- Project Overview
- Project Schedule
- Technical Advisory Committee (TAC) Composition
- Draft Performance Metrics Report Findings Overview
 - Metric Progress Overview
 - COVID-19 Impacts
 - Suggested Performance Metric Revisions (where applicable)



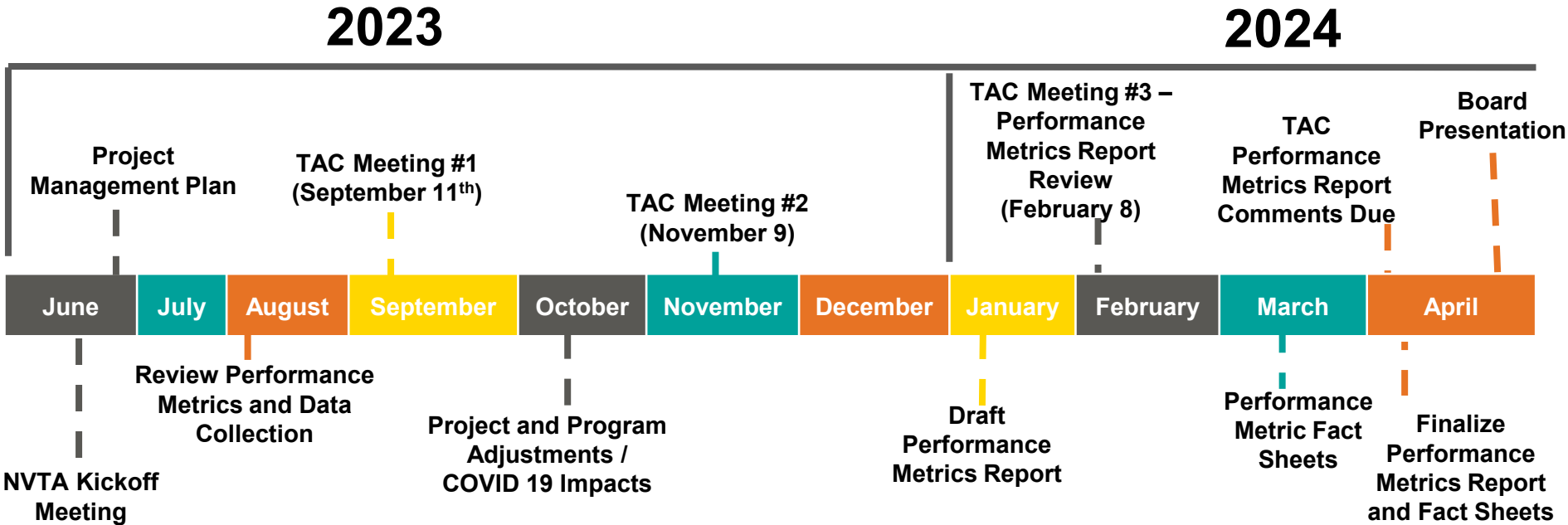


PROJECT OVERVIEW

- CTP Updated Every 4 Years – most recent approval May 2021
- Mid-Plan Review to collect and analyze data as a snapshot in time to identify performance trends
- Assess how CTP projects, programs, and policies are collectively meeting, making progress, or not making progress towards performance goals
- Identification of programming changes and recommendations to further accelerate movement of the County towards meeting performance targets



PROJECT SCHEDULE (2024)





Technical Advisory Committee (TAC) Composition

Name	Organization
Erica Ahmann Smithies	American Canyon
Lorien Clark	City of Napa
Juan Arias	County of Napa
Irene Borba	Yountville
Eric Janzen	St. Helena
David Fradelizio	Calistoga
Amani Meligy	Caltrans
Danielle Schmitz	NVTA
Diana Meehan	NVTA
Libby Payan	NVTA
Addrell Coleman	NVTA
Dexter Cypress	NVTA
Justin Feek	Michael Baker International
Caleb Carpenter	Michael Baker International



PERFORMANCE METRICS UPDATE

The following six performance metric categories were updated:

Performance Metric	Measure	Metric Achieved
Equity	1. Number of Households below the County Median Income that are within a Quarter of a mile of transit	
Safety	1. Number of Severe Injury and Fatal Collisions	
Congestion Relief	1. Peak Period Delay Index	✓
	2. Average Weekday Person Hours of Delay on NAPA Roadways	
	3. On-Time Bus Performance Weighted by Ridership	
	4. Number of Users in NVTA's Transportation Demand Management Program	✓
Economic Sustainability	1. Reliability of Truck Travel Times	✓
	2. Number of Jobs Accessible by Transit Within one Hour During the Morning Commute	
Sustainability	1. Greenhouse Gas Emissions	✓
	2. Vehicle Miles Traveled	✓
	3. Share of Active Transportation For Commute Trips	
	4. Transit Ridership by Annual Boardings and Alightings	
Maintenance and Preservation	1. Miles between Bus Road Calls (Breakdowns)	
	2. Pavement Condition Index	

Note: Metric Measures in *teal* were achieved during this mid-review update



EQUITY

MEASURE: NUMBER OF HOUSEHOLDS BELOW THE COUNTY MEDIAN INCOME THAT ARE WITHIN A QUARTER MILE OF TRANSIT

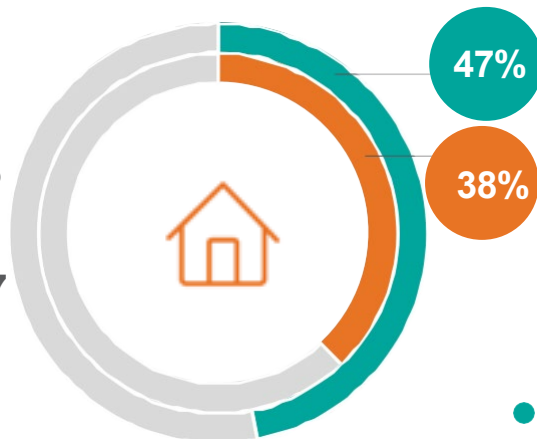
BASELINE PERFORMANCE MEASUREMENT:

- ▶ **85%** of below median income households have transit access reduction
- TARGET:**
- ▶ **100%** of below median income households have transit access

KEY TAKEAWAYS

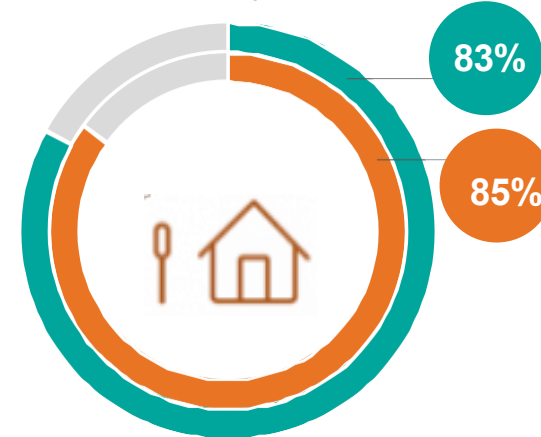
- 2% reduction in households below median income within a quarter mile of transit
- **METRIC TARGET NOT MET**

Households below Median Household Income



- Mid-Plan Review
Total Households: **48,745**
- 2021 CTP Data
Total Households: **42,747**

Households below Median Household Income & within ¼ mile of transit



- Mid-Plan Review
Total Households: **18,695**
- 2021 CTP Data
Total Households: **19,951**



SAFETY

MEASURE: NUMBER OF SEVERE INJURY AND FATAL COLLISIONS

BASELINE PERFORMANCE MEASUREMENT:

- ▶ 48 Fatal Collisions
- ▶ 291 Severe Injury Collisions

TARGET:

- ▶ 0 Fatal Collisions
- ▶ 0 Severe Injury Collisions

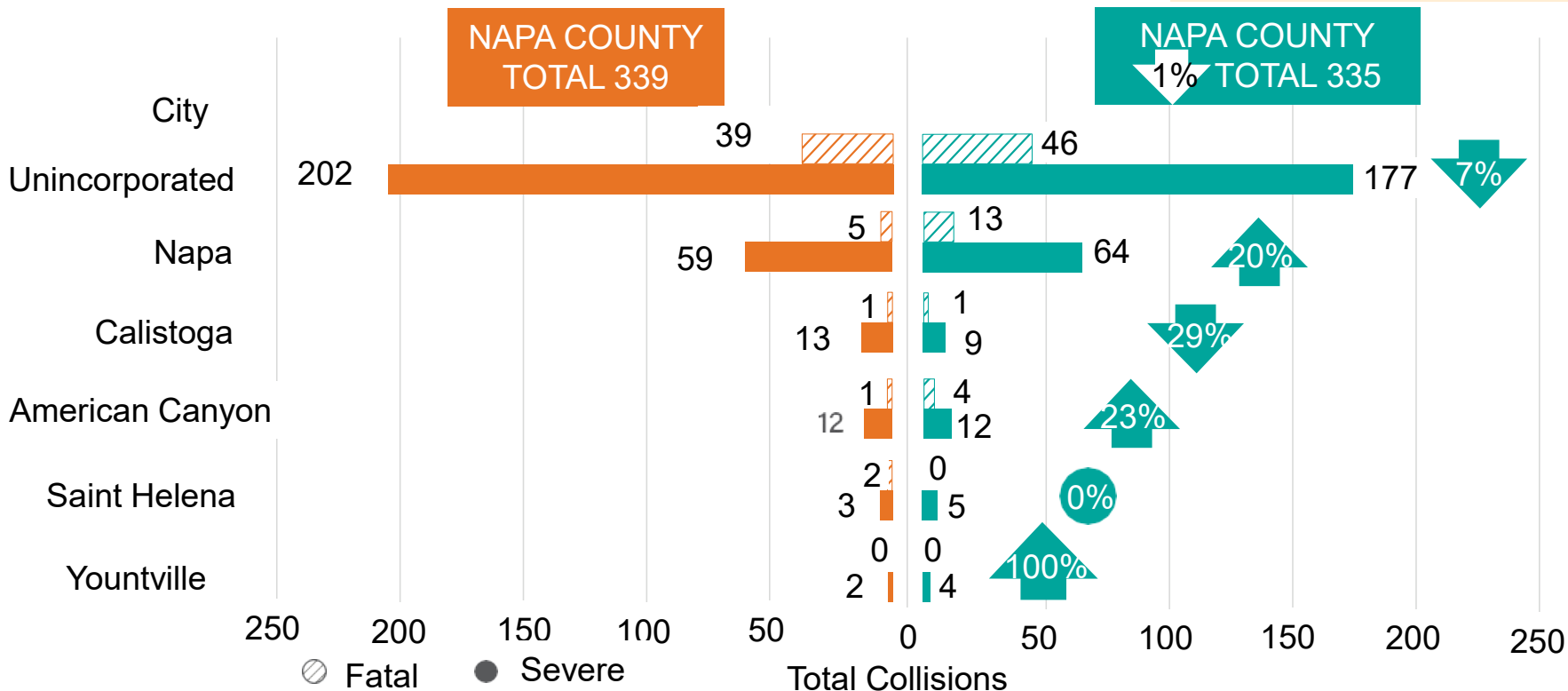
KEY TAKEAWAYS

- Fatalities increased from 48 to 64 (33% increase)
- Severe injuries decreased from 291 to 271 (7% decrease)

➤ **METRIC TARGET NOT MET**

Fatal & Severe Collisions

● 2015-2018 ● 2019-2022





CONGESTION #1

MEASURE: PEAK PERIOD DELAY INDEX

BASELINE PERFORMANCE MEASUREMENT:

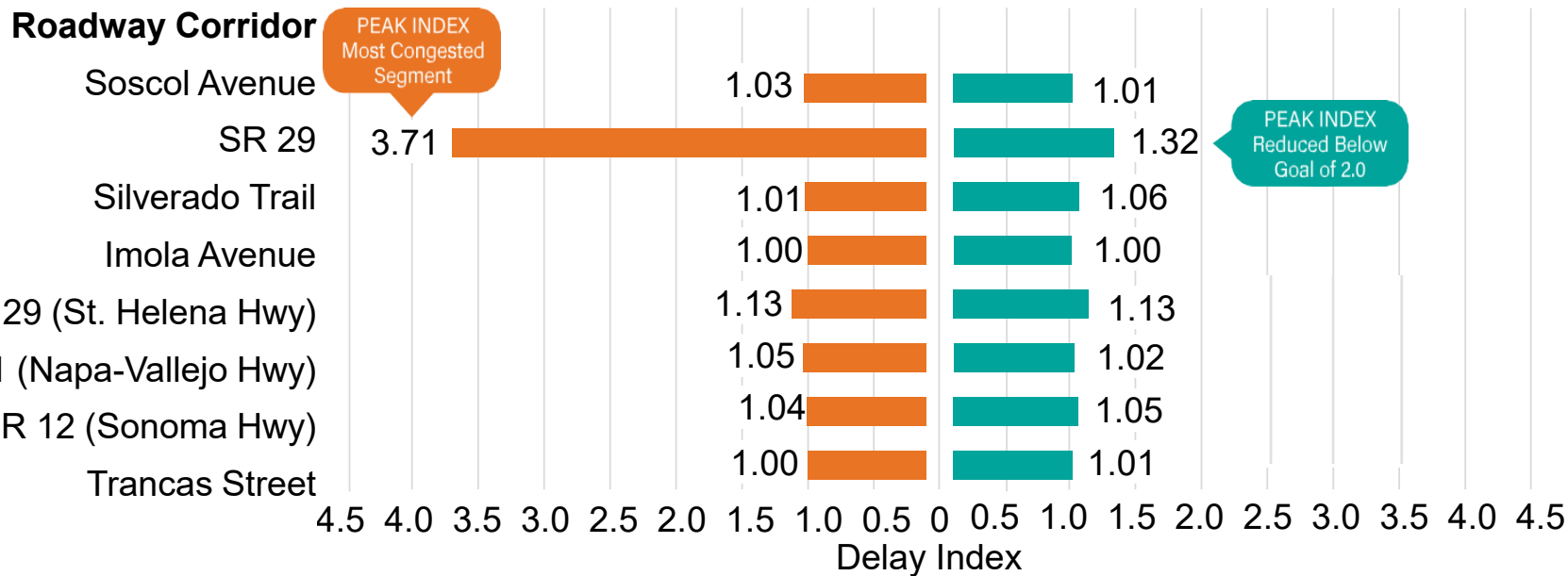
- ▶ Peak period delay index of **3.71** for the most congested roadway segment

TARGET:

- ▶ Peak period delay index less than or equal to **2.0** for all monitored roadway segments

Peak Period Delay Indexes

● CTP 2021 ● Mid-Plan Review



KEY TAKEAWAYS

- Most congested segment went from 3.71 to 1.32, less than the 2.0 target
- Northbound SR 29 (SR 12 to Soscol Junction) most congested segment in AM
- Solano/Napa Activity Based (SNABM) model updated since CTP 2021 impacted outputs

▶ **METRIC TARGET ACHIEVED**



CONGESTION #2

MEASURE: AVERAGE WEEKDAY PERSON HOURS OF DELAY ON NAPA ROADWAYS

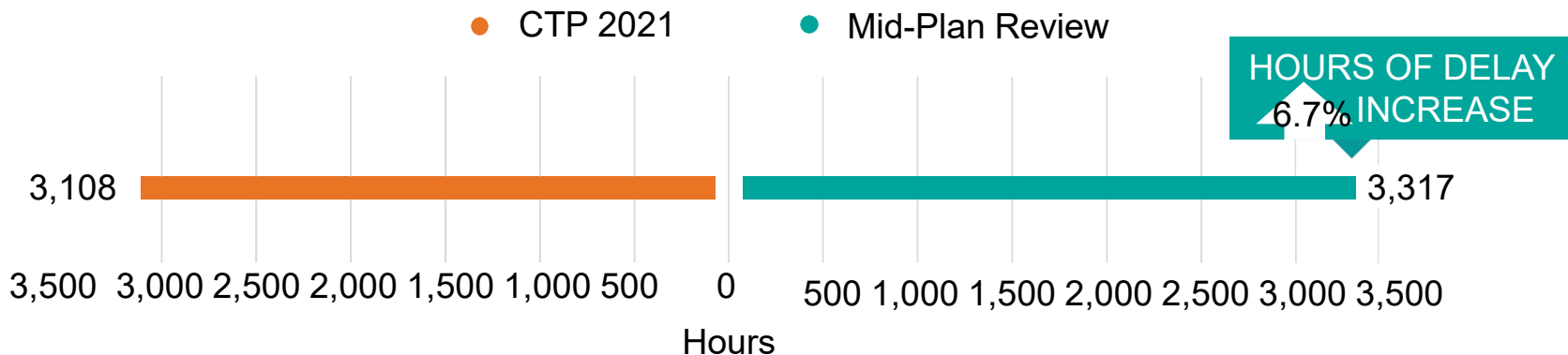
BASELINE PERFORMANCE MEASUREMENT:

▶ **3,108** Daily person hours of delay on NAPA Valley Roadways

TARGET:

▶ **Reduce the daily person hours of delay on NAPA Valley Roadways from Baseline Levels**

Average Weekday Hours of Delay



KEY TAKEAWAYS

- Person hours of delay went from 3,108 person hours to 3,317, an increase of 6.7% as opposed to the targeted reduction

> METRIC TARGET NOT MET



CONGESTION #3

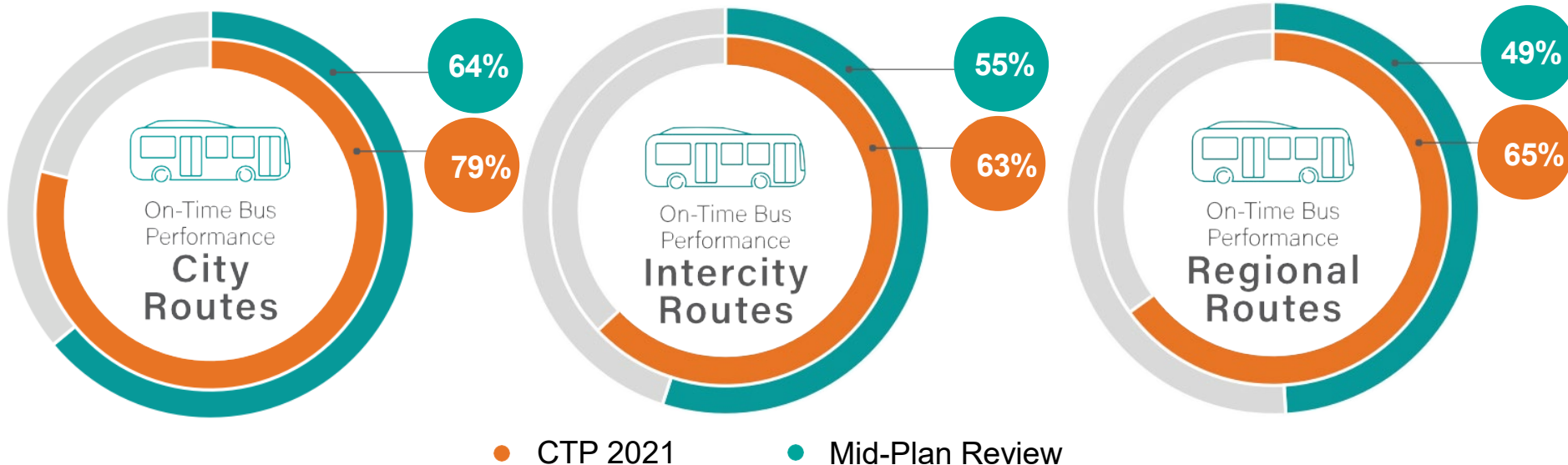
MEASURE: ON-TIME BUS PERFORMANCE WEIGHTED BY RIDERSHIP

BASELINE PERFORMANCE MEASUREMENT:

▶ **69%** Average weighted on-time performance for all route types

TARGET:

▶ **90%** Average weighted on-time performance for all route types



KEY TAKEAWAYS

• 56.33% on-time performance compared to 90% target. COVID-19 had a major impact on operations.

➤ **METRIC TARGET NOT MET**



CONGESTION #4

MEASURE: NUMBER OF REGISTERED USERS IN NVTA'S TRANSPORTATION DEMAND MANAGEMENT PROGRAM

BASELINE PERFORMANCE MEASUREMENT:

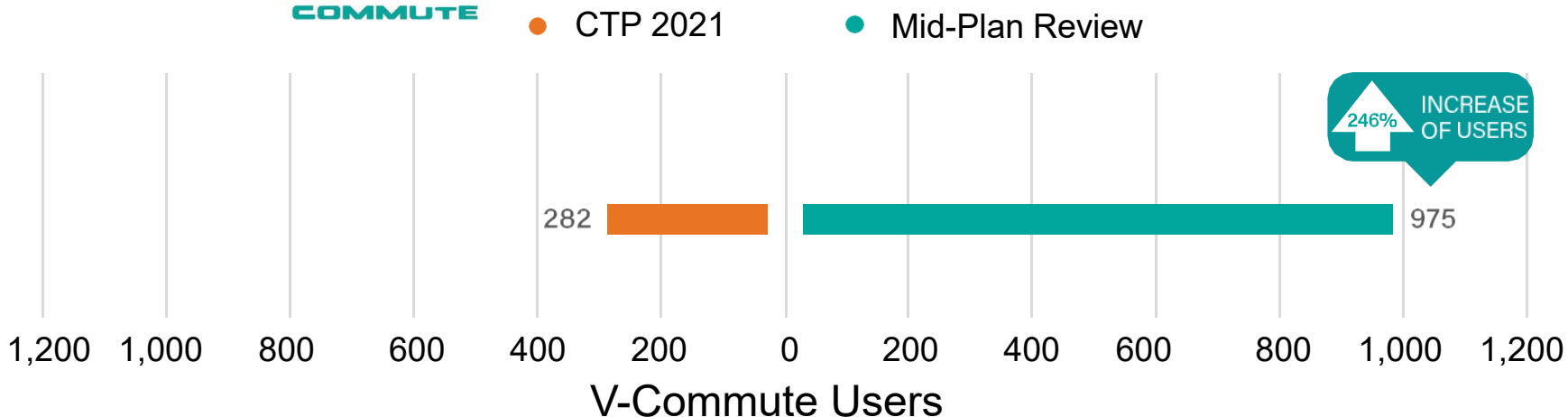
- ▶ Number of registered V-Commute Users: **132**
- ▶ Number of registered Napa Valley Forward Users: **150**

TARGET:

- ▶ Increase the number of users registered for NVTA's Transportation Demand Program by targeting large employers



Registered V-Commute Users



KEY TAKEAWAYS

- V-Commute and Napa Valley Forward Program have merged and will be tracked under V-Commute moving forward
- 282 combined users in 2020, 975 as of July 2023 (246% increase)

> METRIC TARGET ACHIEVED



ECONOMIC SUSTAINABILITY #1

MEASURE: RELIABILITY OF TRUCK TRAVEL TIMES

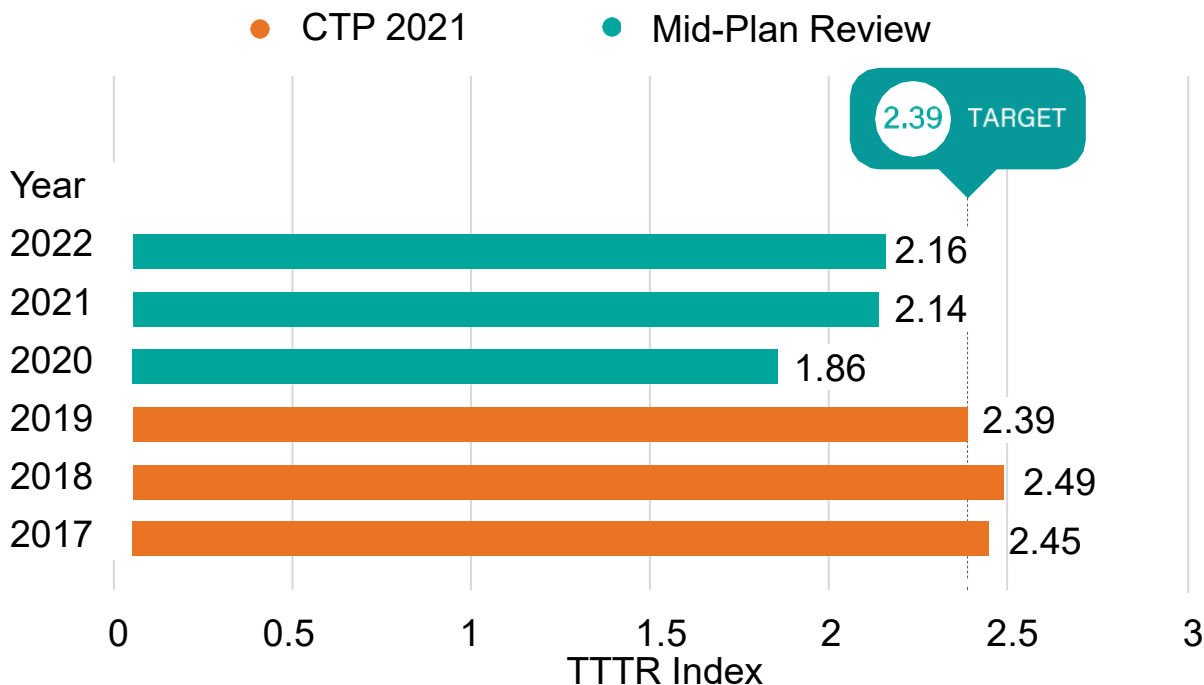
BASELINE PERFORMANCE MEASUREMENT:

▶ Overall TTTR Index: **2.39**

TARGET:

▶ Overall TTTR Index: Maintain at **2.39** or reduce

Overall Truck Travel Time Reliability (TTTR)



KEY TAKEAWAYS

- TTTR index decreased from 2.39 to 2.16, a 9.6% decrease

▶ **METRIC TARGET ACHIEVED**

THE FOLLOWING CORRIDORS WERE ANALYZED FOR THE RELIABILITY OF TRUCK TRAVEL TIMES:

- State Route 12
- State Route 29
- State Route 121
- Napa-Vallejo Highway



ECONOMIC SUSTAINABILITY #2

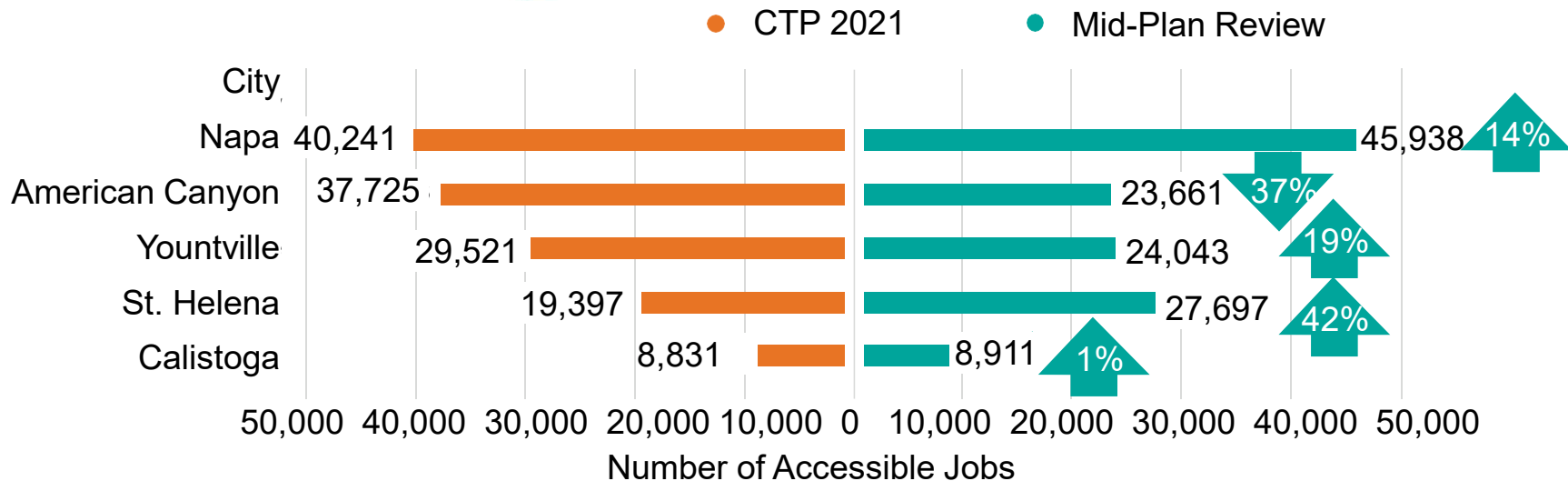
MEASURE: NUMBER OF JOBS ACCESSIBLE BY TRANSIT WITHIN ONE HOUR DURING THE MORNING COMMUTE

TARGET:

► **Maintain or improve the level of job accessibility in American Canyon, Calistoga, Napa, St. Helena, and Yountville**



Job Accessibility by Vine Transit



KEY TAKEAWAYS

- The number of jobs accessible by transit within one hour didn't stay the same or increase for all NVTA member agencies
- Data source change from Census Transportation Planning Projects to Census OnTheMap Portal

► **METRIC TARGET NOT MET**



SUSTAINABILITY #1

MEASURE: GREENHOUSE GAS EMISSIONS

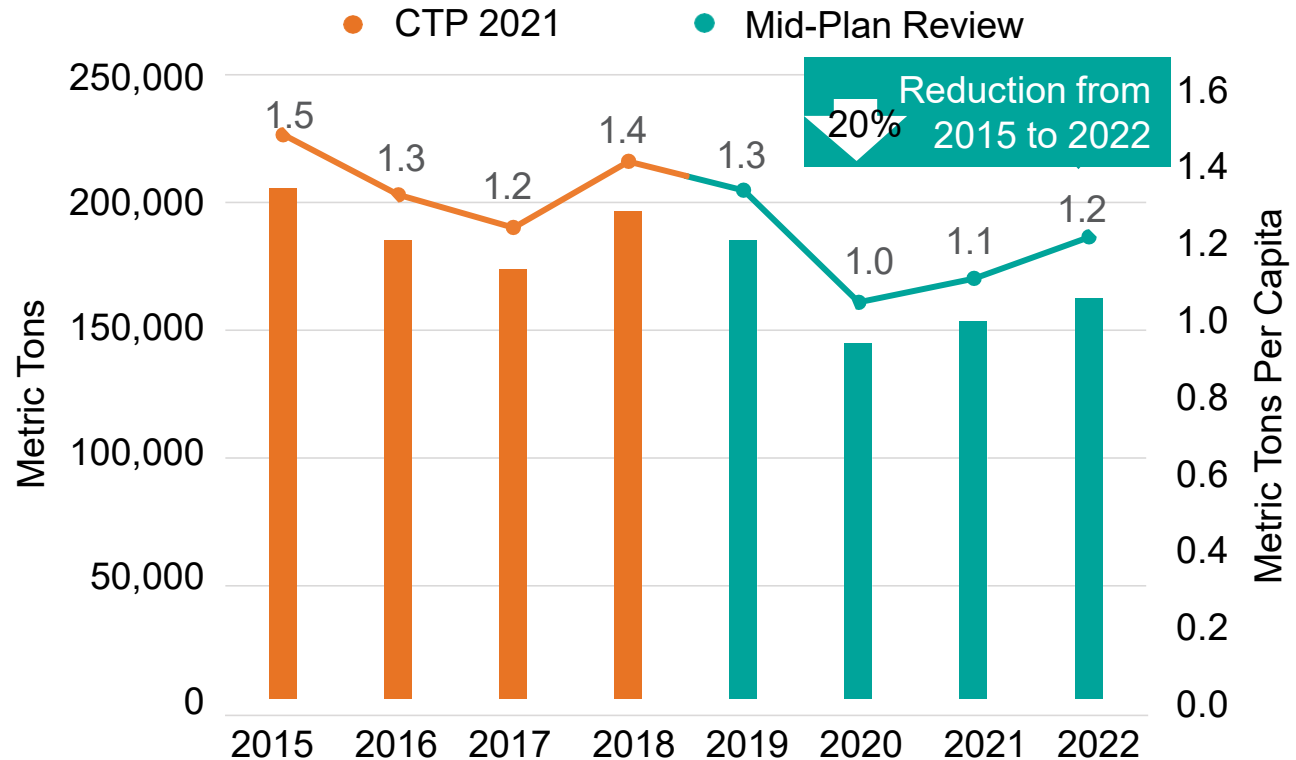
BASELINE PERFORMANCE MEASUREMENT:

▶ **1.5 Metric Tons of GHG Emissions per capita in Napa County in 2015**

TARGET:

▶ **Reduce GHG Emissions by 19% per capita in Napa County from the 2015 levels**

Greenhouse Gas Emissions



KEY TAKEAWAYS

- GHG emissions reduced from 1.5 Metric Tons in 2015 to 1.2 in 2022, a 20% decrease
- Data source change from Vital Signs to California Energy Commission

▶ **METRIC TARGET ACHIEVED**



SUSTAINABILITY #2

MEASURE: VEHICLE MILES TRAVELED

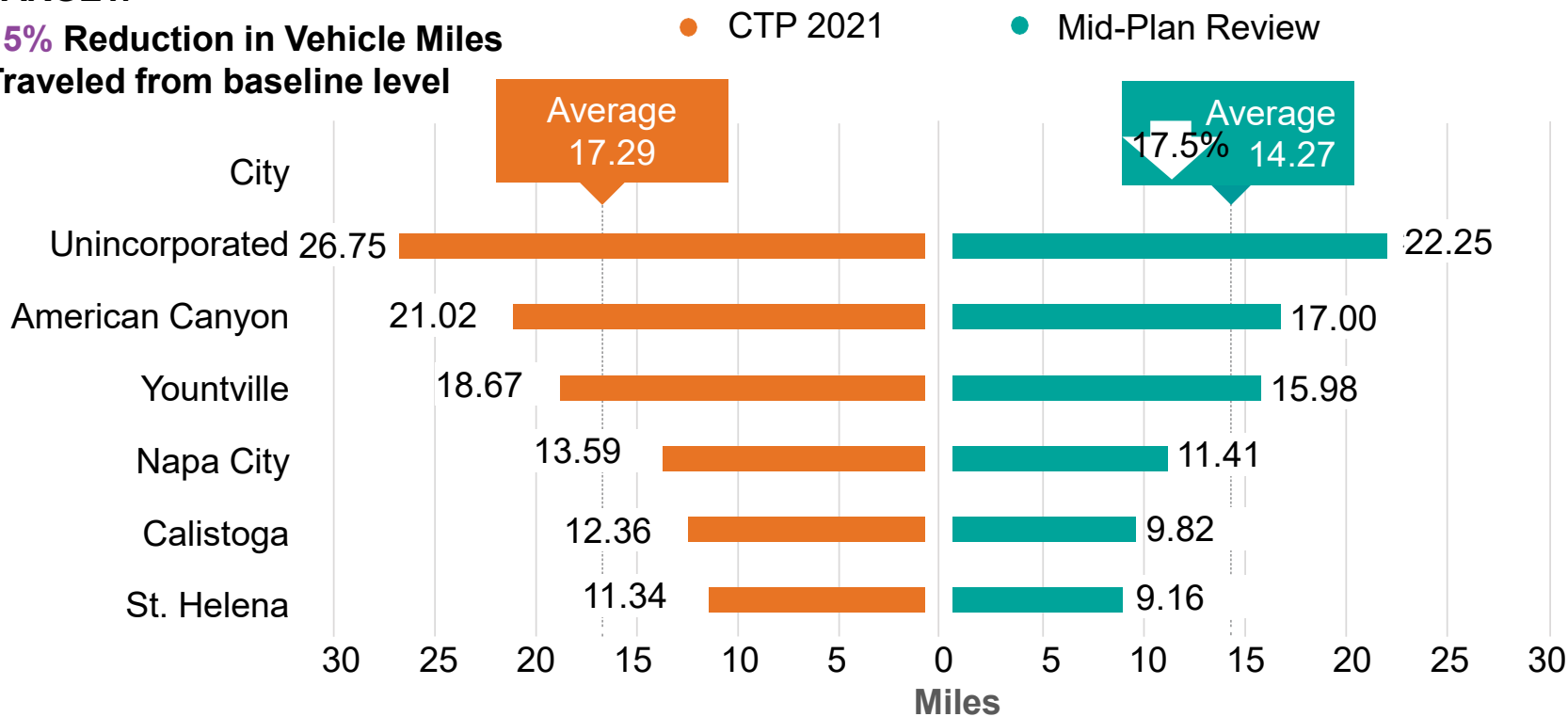
BASELINE PERFORMANCE MEASUREMENT:

▶ **Vehicle Miles Traveled: 17.29 Miles per capita**

TARGET:

▶ **15% Reduction in Vehicle Miles Traveled from baseline level**

Vehicle Miles Traveled



KEY TAKEAWAYS

• VMT reduced from 17.29 miles per capita per day to 14.27, a 17.5% decrease

▶ **METRIC TARGET ACHIEVED**



SUSTAINABILITY #3

MEASURE: SHARE OF ACTIVE TRANSPORTATION FOR COMMUTE TRIPS

BASELINE PERFORMANCE

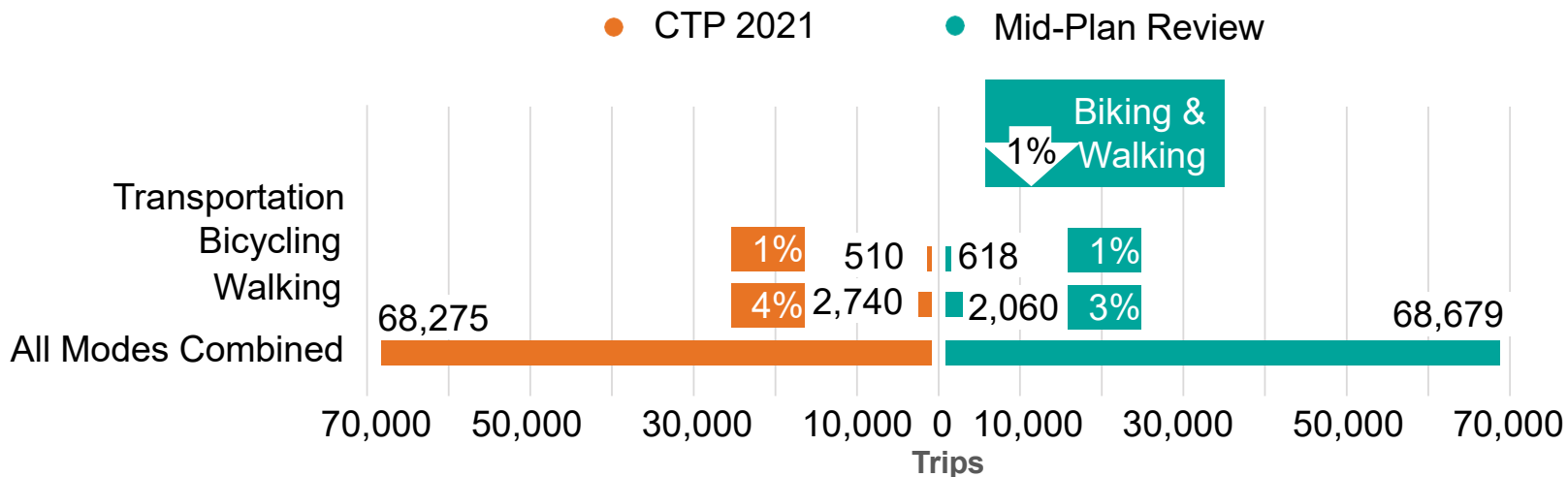
► **MEASUREMENT:**

Percentage of work trips made by bicycling or walking for Napa County residents: **5%**

TARGET:

► Increase the percentage of work trips made by bicycling or walking for Napa County residents to **10%** by 2045

Active Transportation for Commute Trips



KEY TAKEAWAYS

- Percent of work trips made by bicycling or walking decreased from 5% to 3.9%
- **METRIC TARGET NOT MET**



SUSTAINABILITY #4

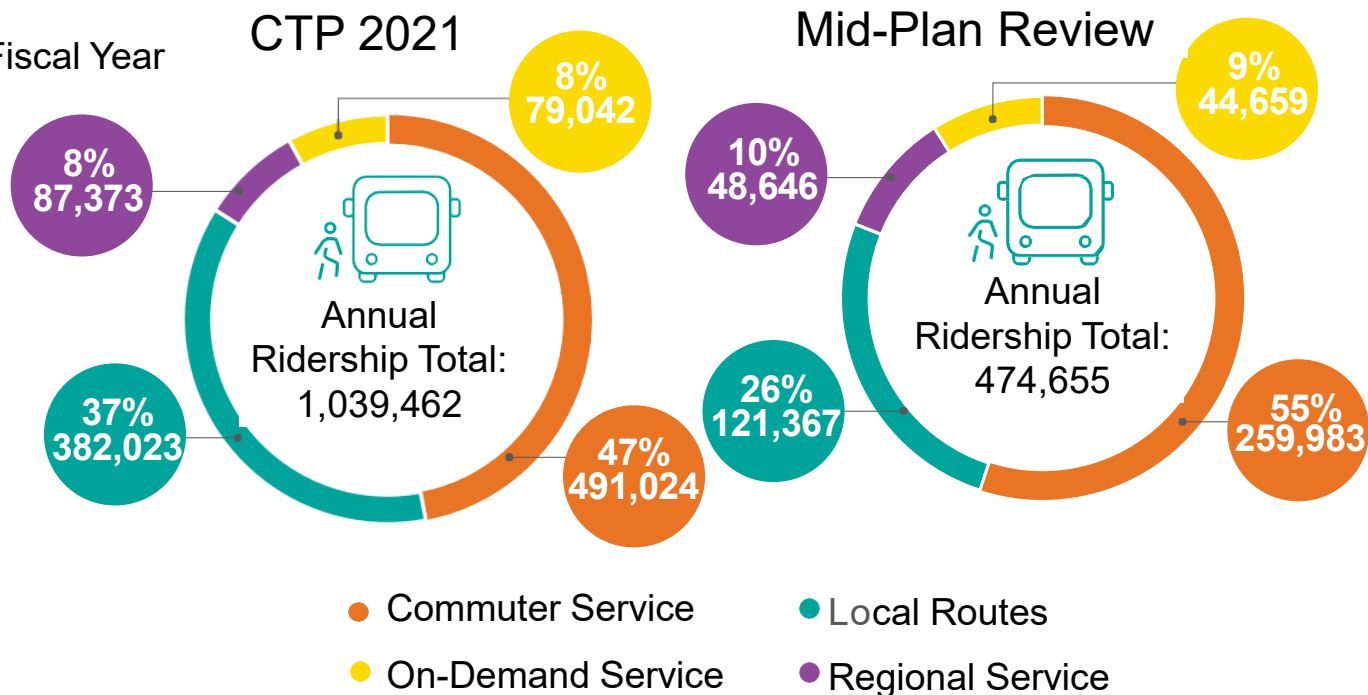
MEASURE: TRANSIT RIDERSHIP BY ANNUAL BOARDINGS AND ALIGHTINGS

BASELINE PERFORMANCE MEASUREMENT:

▶ Annual Transit Ridership (Fiscal Year 2018-2019):
1,039,462

TARGET:

▶ Maintain or increase from baseline annual ridership



KEY TAKEAWAYS

- Boardings and alightings decreased from 1,039,462 to 413,166, a 60.25% decrease
- ▶ **METRIC TARGET NOT MET**



MAINTENANCE AND PRESERVATION #1

MEASURE: MILES BETWEEN BUS ROAD CALLS (BREAKDOWNS)

BASELINE PERFORMANCE

MEASUREMENT:

Average miles between road calls (2015-2018): **42,750**

TARGET:

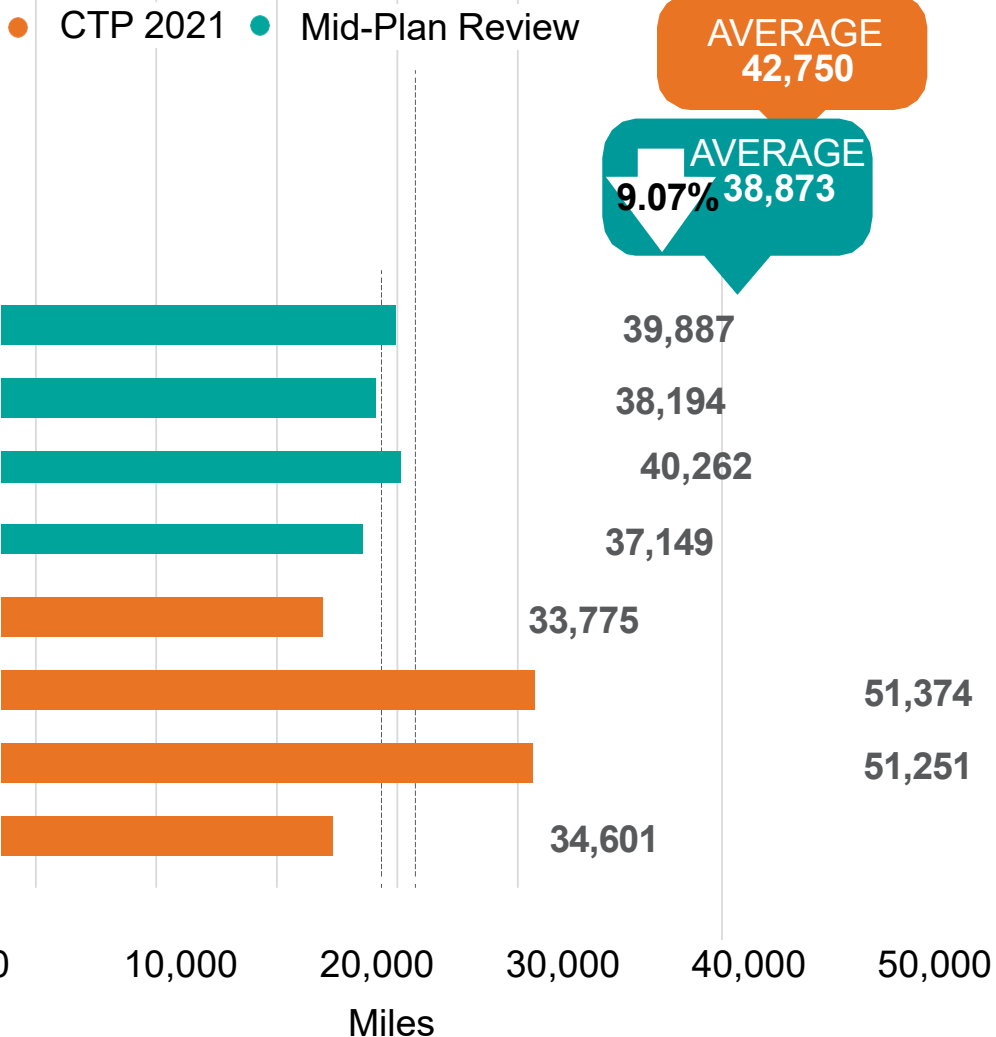
Maintain or improve the average number of miles between road calls

KEY TAKEAWAYS

- Miles between bus road calls average decreased from 42,750 miles to 38,873, a 9.07% decrease

> METRIC TARGET NOT MET

Miles Between Bus Road Calls (Breakdowns)





MAINTENANCE AND PRESERVATION #2

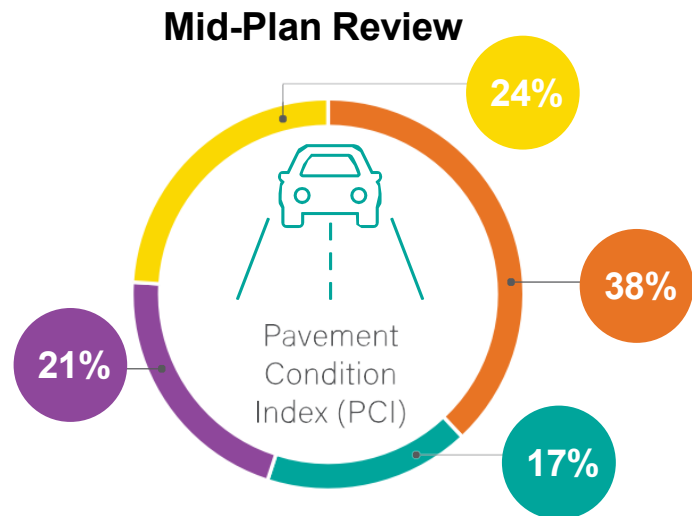
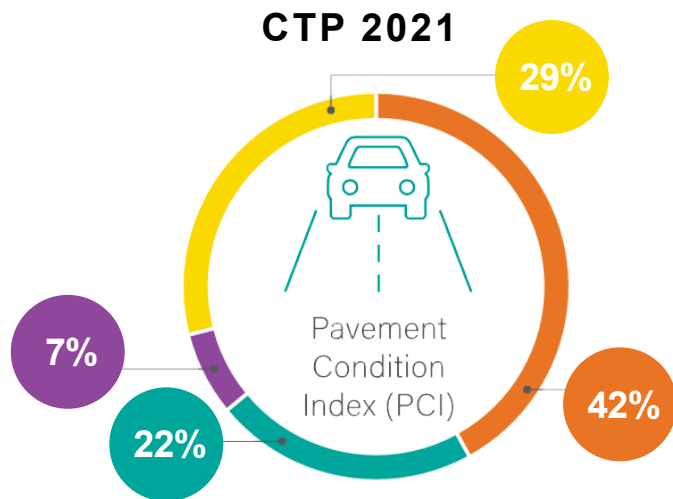
MEASURE: PAVEMENT CONDITION INDEX (PCI)

BASELINE PERFORMANCE MEASUREMENT:

▶ **PCI Score for Napa County: 58**

TARGET:

▶ **PCI Score for Napa County: 80**



- Very Good (80-100)
- At Risk (50-59)
- Fair/Good (60-79)
- Failed/Poor (0-49)

KEY TAKEAWAYS

- Pavement Condition Index went from 58 to 54
- ▶ **METRIC TARGET NOT MET**



NEXT STEPS

- Final Project Deliverables to NVTA
 - Mid-Plan Review Report
 - Mid-Plan Review Fact Sheets (14 Metrics)
- NVTA will kick-off the update to the Countywide Transportation Plan in Fall 2024





QUESTIONS?



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