



LAKE COUNTY/CITY AREA PLANNING COUNCIL

Lisa Davey-Bates, Executive Director
www.lakeapc.org

525 South Main Street, Ukiah, CA 95482
Administration: Suite G ~ 707-234-3314
Planning: Suite B ~ 707-263-7799

TECHNICAL ADVISORY COMMITTEE (TAC) MEETING

AGENDA

Thursday, May 25, 2023 at 9:00 a.m.

Primary Location:

City of Lakeport
Large Conference Room, 225 Park Street, Lakeport

Teleconference Locations:

525 South Main Street Suite B, Ukiah
Caltrans District 1, 1656 Union St., Eureka
City Council Chamber, 14050 Olympic Drive, Clearlake

General Public Teleconference:

Zoom videoconference link is provided by request. Please send comments to our Senior Transportation Planner, John Speka, at spkaj@dow-associates.com and note the agenda item number being addressed. Oral comments will also be accepted by telephone or video during the meeting when public comment is invited.

Dial-in number: 1 (669) 900-6833 / Meeting ID: 891 9395 1717 # Password: 558907

****Zoom link provided to members in distribution email and to public by request***

1. Call to order
2. Approval of February 16, 2023 Minutes
3. Revisiting Vehicle Miles Traveled Screening Tool Discussion and Possible Options Moving Forward (*Speka*)
4. Discussion and Recommendation on FY 2023/24 Overall Work Program (OWP) (*Pedrotti*)
5. Announcements and Reports
 - a. Lake APC
 - i. Update on Grants and Grant Opportunities (*Speka*)
 - ii. Pavement Management Plan (PMP) Updates (*Villa*)
 - iii. Miscellaneous
 - b. Lake Transit Authority
 - i. Transit Hub Update (*Sookne/Davey-Bates verbal report*)
 - ii. Current Transit Projects (*Sookne/Davey-Bates verbal report*)
 - iii. Miscellaneous
 - c. Caltrans
 - i. Caltrans Clean California Presentation
 - ii. Lake County Projects Update
 - iii. Miscellaneous
 - d. Regional Housing Update (*Speka-verbal report*)
 - e. Local Agency Updates

6. Information Packet
 - i. Lake County CT Milestones Handout
 - ii. TS-10 Flagger Training Class Handout
7. Public input on any item under the jurisdiction of this agency, but which is not otherwise on the above agenda
8. Next Proposed Meeting – **June 15, 2023**
9. Adjourn meeting

Public Expression - The TAC welcomes participation in TAC meetings. Comments will be limited for items not on the agenda to three minutes per person, and not more than 10 minutes per subject, so that everyone may be heard. This time is limited to matters under TAC jurisdiction which have not already been considered by the TAC.

Americans with Disabilities Act (ADA) Requests - To request disability-related modifications or accommodations for accessible locations or meeting materials in alternative formats (*as allowed under Section 12132 of the ADA*) please contact the Lake APC office at 707-263-7799 at least 72 hours prior to the meeting.

Posted: May 19, 2023

List of Attachments:

Agenda Item #2 – 2/16/23 Draft Lake TAC Minutes

Agenda Item #3 – VMT Screening Tool

Agenda Item #4 – FY 2023/24 OWP Staff Report, Applications and Allocation

Agenda Item #5ai – Project Update Staff Report

Agenda Item #5aia – PMP Updates

Agenda Item #6i – Lake County CT Milestones Handout

Agenda Item #6ii – TS-10 Flagger Training Class Handout



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TECHNICAL ADVISORY COMMITTEE MEETING Draft Meeting Minutes

Thursday, February 16, 2023
9 a.m.

Meeting held via Zoom (note that it was a hybrid meeting)

Present

James Sookne, Lake Transit Authority
Scott DeLeon, County of Lake, Public Works Director
Ron Ladd, City of Lakeport
Victor Fernandez, City of Lakeport, Community Development, Associate Planner
Blake Batten, Caltrans District 1
Adeline Leyba, City of Clearlake, Public Works Director
Dave Swartz, City of Clearlake (Engineering Consultant)

Absent

Efrain Cortez, California Highway Patrol
Alan Flora, City of Clearlake
Mireya Turner, County of Lake (Community Development Director)
Kevin Ingram, City of Lakeport (Community Development Director)

Also Present

Lisa Davey-Bates, Lake Area Planning Council
Michael Villa, Lake Area Planning Council
Alexis Pedrotti, Lake Area Planning Council
John Speka, Lake Area Planning Council
Jody Lowblad, Lake Area Planning Council
John Everett, County of Lake, Public Works
Laurie Hall, County of Lake, Community Development
Olivia Grupp, City of Lakeport
Kyle Finger, Caltrans District 1
Laurie Fisher, Lake Links
Lars Ewing, Lake County Public Services

1. Call to order

The meeting was called to order at 9:02 a.m.

2. Approval of January 19, 2023 Minutes

Motion by James, seconded by Ron, and carried unanimously to approve the January 19, 2023, minutes as written.

3. Vehicle Miles Traveled Screening Tool Discussion and Possible Action on Future Use

John went over Vehicle Miles Traveled Regional Baseline Study that was adopted by the Lake APC Board back in November 2020. As part of the Baseline Study project, an online “VMT Screening Tool” was developed by the consultants, Fehr & Peers, for those preparing CEQA documents to help judge whether a project will potentially reach a threshold of significance with respect to VMT impacts. Because it required a specialized platform, Fehr & Peers offered to host the tool under a two year contract with APC for \$5,000 per year. The contract is now set to expire at the end of June. From discussions with Mendocino officials with a similar contract, the cost of the platform will be going up to approximately \$6,700 per year. After discussion, it was noted that Victor Fernandez and Laurie Hall (Community Development Planners from the City of Lakeport and the County of Lake, respectively) expressed interest in using this tool for upcoming projects. The question before the TAC was whether or not to continue funding the hosting with Fehr & Peers.

Motion by Ron, seconded by Blake, and carried unanimously to keep the “VMT Screening Tool” this year and keep looking for an alternate host that can provide the service at a cheaper cost.

4. Discussion and Review of FY 2023/24 Overall Work Program (OWP)

Alexis reported that after the preliminary discussion of the FY 2023/24 Draft Overall Work Program (OWP) in last month’s Lake TAC meeting, APC Administrative Staff reviewed the Local Transportation Fund (LTF) revenues received to-date and developed an estimate for FY 2023/24. The LTF estimate unfortunately indicates a 7.21% decrease for the upcoming year.

Alexis advised that the five-year professional services contract for APC Planning services (with Dow & Associates) is due to expire 9/30/23, with a one-year extension option. Therefore, for draft budget purposes, the funding estimated for APC Planning Staff includes a 4% increase over the FY 2023/24 amount, since the contract amount is not yet known. The exact amount will not be known until a new (or extended) contract is awarded by the Lake APC, likely in late spring/early summer reflecting the actual CPI increase from the prior calendar year.

Alexis went over the FY 2023/24 Draft Overall Work Program. After TAC review and direction, Alexis will finalize the FY 2023/24 Draft OWP for submission to Caltrans by the March 1 due date. Caltrans will review the Draft and provide comments. Carryover projects and any needed adjustments will be added, and the Final Work Program will be presented for TAC review and recommendation in May.

Staff is requesting that Lake TAC review this material and choose whether or not to make a recommendation to approve the Draft FY 2023/24 Overall Work Program, for submittal to Caltrans by March 1, 2023.

Motion by Scott, seconded by Adeline, and carried unanimously to approve the Draft FY 2023/24 Overall Work Program, for submittal to Caltrans by March 1, 2023.

5. Announcements and Reports

a. Lake APC

i. Update on Planning Grant

John provided updates on several Projects/Grants that he is currently working on:

The Konocti Corridor Vehicle Miles Traveled (VMT) To date, a background analysis (e.g. project and plan reviews, safety data, driveway density, roadway capacity, etc.) was completed in December summarizing existing conditions of both the north shore route and the preferred southern route (SR 20/53/29). A large part of the project will rely on traffic modeling data from an in-progress study led by Caltrans District 1, which is expected around March. At that point, the remaining parts of the study can be resumed.

Konocti Corridor Equity Analysis Study- Similar to the Konocti Corridor VMT Study, this project will assist in answering potential grant application questions related to issues of “equity.” Initially part of the VMT Study scope of work, it has been separated out as a stand-alone project and is being prepared in-house by APC staff. Traffic modeling data from Caltrans District 1 will also be used to help complete this study.

Lake 29 Improvement Project- Lake APC and District 1 staff continue to seek out appropriate funding opportunities for Segments 2A and 2B of the Lake 29 Improvement Project. Most recently, on November 18, District 1 (with assistance from APC staff) prepared and submitted an application through the Trade Corridor Enhancement Program (TCEP) for the 2B portion of the needed right-of-way funds (\$43.571 million).

Reconnecting Communities Program- Lake APC, City of Clearlake, and Caltrans District 1 have been looking for funding sources for a bicycle/pedestrian overpass on SR 53 near South Center Drive. There will be two competitive funding programs that may potentially work for the project. One is the Reconnecting Communities Program through the federal infrastructure bill; a 50% match would be required for the project, which would likely cost over \$5 million. The second program is through the State and is known as “Reconnecting Communities: Highways to Boulevards.” A match would not be required for this program. Caltrans and City have been discussing strategies for a potential application.

Sustainable Transportation Planning Grant Program- A Call for Projects for the newest round of Sustainable Transportation Planning Grants was recently released. Lake APC staff is working on three grants. The first is for a Zero Emission Vehicle (ZEV) Infrastructure Plan to study appropriate locations and corridors to accommodate future charging/alternative fueling stations. A second application will be for a Ferry Service Feasibility Study for Clear Lake. A third application will be made for a Wildfire Evacuation Plan. Past attempts at funding an evacuation plan were unsuccessful, but this cycle will have additional funding available for Adaptation Planning grants, which the project would be better suited for.

ii. Pavement Management Plan (PMP) Update

Michael reported that the PMP project conducted by Nichols Consulting Engineers (NCE) is still in the process. NCE has finalized their reports for City of Clearlake and City of Lakeport, and is still working on the first draft of the report for Lake County. The County Pavement Project, which is a 5-year plan being prepared by the County that complements the PMP update, must be completed before the PMP update can be finalized for the County. Lake APC Staff and NCE Staff recently agreed on a contract extension that expires 4/30/2023. The contract extension did not include an increase in cost.

The Transit Development Plan (TDP) After an evaluation of current conditions, service alternatives were developed that would change existing public transit service to satisfy the requests received through surveys and public outreach as well as make the transit system more efficient. A presentation was presented to SSTAC on 1/23/2023 highlighting the developed service alternatives for LTA to improve mobility for residents, adjust to a post-COVID world and increase efficiency. The next step is to conduct public outreach in February regarding the presented alternatives, draft a plan in March and present to the APC board in April with Final Draft completed in May.

iii. Miscellaneous – None

b. Lake Transit Authority

i. Transit Hub Update

Lisa reported that LTA met with Caltrans on February 15, 2023 and they will soon be moving forward with design. LTA is finalizing the environmental aspect of the project. LTA has approximately \$150,000 remaining from the environmental phase of the project and is looking for approval to use it to hire a project manager/consultant to create a bridging document to help LTA define how the project will proceed with design and construction. LTA is looking at allocating the next phase in May 2023. LTA is looking at purchasing buses sooner rather than later due to supply chain issues.

ii. Current Transit Projects

James reported that the contactless payment system is still moving forward, just slower than anticipated. LTA is hoping to have a soft roll out within the next 3 weeks. Lake County is the last county for the roll out, this is a good thing as hopefully all the bugs will be worked out by the time LTA does the roll out for them.

iii. Miscellaneous. None

c. Caltrans

i. Caltrans Funding Presentation:

Kyle gave a thorough presentation on the following grant opportunities for Lake County. State Funding Overview: Highway Safety Improvement Program (HSIP), Local Partnership Program (LPP), State Transportation Planning Grants (STPG), State Transportation Improvement Program (STIP), Clean California Local Grant Program (CCLGP), Active Transportation Program (ATP), Transit and Intercity Rail Capital Program (TIRCP), Local Climate Adaptation Program (LTCAP) and Local Streets and Roads Program (LSRP). Kyle is emailing Lisa a copy of all the programs that are available and she will be emailing them out to everyone.

ii. Lake County Projects Update- Blake reported that the application for the Complete Streets Improvement Grant for Hwy 20 in Lucerne is being submitted at the end of February and awards will be announced by June 28, 2023. Awards for the TCEP grant for segment 2B for the Konocti Corridor will be announced June 8, 2023. Finally, Caltrans will be holding a workshop on March 7th for the Reconnecting Communities

Highways to Boulevards pilot program, which can potentially be used to fund a Clearlake Multi Model overcrossing project. Details are available on their website.

iii. Miscellaneous – None

- d. Regional Housing Update –** John reported the cities of Lakeport and Clearlake have used all their funds in the REAP program. John is currently helping the to see if they can use their REAP funds on a Housing Element update. Also, jurisdictions may want to consider applying for “pro-housing designations,” which can potentially help with scoring extra points on future housing grant opportunities.

e. Local Agency Updates -

County of Lake: Scott DeLeon reported that the bridge project on Bartlett Springs Road was approved. The new bridge on Witter Springs Road was damaged by the flooding in January. The Middletown Multi-Use path in Middletown will start sometime this construction year but they are still waiting for a Caltrans encroachment permit and will be working with Caltrans to get it resolved. John Everett reported that he spoke with Alexis regarding the \$51,000 set aside from the 2% bike/ped funds and that they will be using them on a current project.

County of Lake - Public Services: Lars Ewing updated the Lake TAC on the Master Plan on Parks, Rec and Trails. They have a new survey they would like to email out to TAC to collect some more information. Lars and Lisa have been working together on reinstating the trips up to Konocti with LTA.

City of Lakeport: Ron Ladd reported the City of Lakeport will be using their leftover money from the 2% Bike & Ped funds on a survey and design for the 11th Street Corridor Study to connect 10th Street to Pool Street. They should start this in the next construction season.

6. Information Packet

i. Caltrans Sustainable Planning Grant Virtual Office Hours (handout)

Blake went over the flyer that was in the TAC packet regarding virtual office hours.

7. Public input on any item under the jurisdiction of this agency, but which is not otherwise on the above agenda – None

8. Next Proposed Meeting – March 16, 2023

9. Adjourn Meeting – Meeting adjourned at 10:29 a.m.

Respectfully Submitted,

Jody Lowblad
Lake Area Planning Council



LAKE COUNTY/CITY AREA PLANNING COUNCIL TECHNICAL ADVISORY COMMITTEE STAFF REPORT

TITLE: Revisiting VMT Screening Tool Discussion and Possible
Options Moving Forward

DATE PREPARED: May 12, 2023
MEETING DATE: May 25, 2023

SUBMITTED BY: John Speka, Senior Transportation Planner

BACKGROUND: At the February TAC meeting, one of the topics discussed was the “Senate Bill 743 Vehicle Miles Traveled Regional Baseline Study,” which was adopted by the Lake APC Board in November 2020. The intent of the project was to assist local jurisdictions in complying with SB 743 (adopted in 2013), legislation which changed how transportation impacts are measured under the California Environmental Quality Act (CEQA) with respect to land use and transportation plans and projects. With its passage, automobile delay was removed as the primary measure of “transportation impacts” under CEQA and replaced with Vehicle Miles Traveled (VMT) as the preferred metric. As a result of the legislative changes, beginning on July 1, 2020, lead agencies under CEQA were required to analyze project-related VMT to determine whether transportation impacts from a given development would constitute a significant environmental impact.

Included in the Baseline Study project was an online “VMT Screening Tool,” which was developed by the consultants, Fehr & Peers. It is intended to assist those preparing CEQA documents to judge whether a project would potentially reach a threshold of significance with respect to VMT impacts. As discussed in February, the APC currently contracts with Fehr & Peers to have them host the tool at a cost of \$5,000 per year out of the Overall Work Program (OWP). Because the agreement will expire at the end of June, the TAC requested (at the February meeting) that the screening tool be extended on a year-to-year basis through the OWP.

Fehr & Peers recently contacted APC staff to discuss a new type of VMT tool they are now offering called “VMT+” (found here- <https://www.fehrandpeers.com/project/find-my-vmt/>). There are several potential benefits to be had in using “VMT+” as opposed to the currently housed screening tool, not least of all the fact that it is a free service. This “standard version” of VMT+ uses 2019 Streetlight data as opposed to the relatively obsolete modeling data (from the 2005 Wine Country Travel Demand Model) which the existing screening tool is based on. A fee-based version of their tool is also available offering the most current Streetlight data (if warranted for a specific project) on a case-by-case basis.

It is not clear at this point if the existing VMT screening tool will continue to be available through Fehr & Peers’s website once the contract expires. If TAC members are still interested in using that tool, Lake APC can follow up with Fehr & Peers to see whether the current hosting or else alternative options can be pursued to make it available. Another possible option would be to work with Lake County IT services to inquire about having the existing screening tool hosted on their website. For today, the TAC is requested to discuss and provide a preference on the preferred path forward for future VMT analysis, whether continuing with the existing screening tool, or else using the free VMT+ tool offered by Fehr & Peers.

ACTION REQUIRED: Decision on whether or not to seek an appropriate hosting site for the existing VMT Screening Tool from the VMT Regional Baseline Study, or to instead use the VMT+ tool offered by Fehr & Peers.

ALTERNATIVES: None

RECOMMENDATION: That the TAC decide to use the Fehr & Peers VMT+ tool for future VMT analyses.



LAKE COUNTY/CITY AREA PLANNING COUNCIL TAC STAFF REPORT

TITLE: 2023/24 Final Overall Work Program

DATE PREPARED: 5/18/23

MEETING DATE: 5/25/23

SUBMITTED BY: Alexis Pedrotti, Project Manager

BACKGROUND:

Attached for your review and recommendation is the proposed Final FY 2023/24 Overall Work Program (OWP). This proposed Final Work Program includes the projects recommended by the TAC in the Draft, as well as a few carryover projects. Carryover amounts are estimates, and adjustments will be made in an amendment after the fiscal year-end closes.

We have received Caltrans' comments on the Draft, which were minor. The revisions have been incorporated into the Final, as necessary. The main changes made since the TAC reviewed the Draft OWP are summarized as follows:

- Work Element 601 (TDA Activities & Coordination) – An increase of \$10,493 of LTF was added to this element to program the additional CPI increase for the Dow APC Planning Contract. An initial 4% CPI increase was estimated in the draft document, however the actual CPI increase was 7.3% (plus an increase in insurance costs) for the one-year contract extension for APC planning staff (approved by APC on 4/5/23).
- Work Element 603 (Lake Co. Principal Arterial Corridor VMT Study) – \$30,000 of estimated LTF carryover has been added to this element. This will allow APC Staff to continue working on this project in the new fiscal year. Actual carryover amounts will be reflected in the first amendment to the OWP.
- Work Element 605 (Federal & State Grant Prep, Monitoring & Assistance) - \$5,000 of estimated RPA carryover has been added to this work element for APC Planning Staff. Actual carryover amounts will be reflected in the first amendment to the OWP.
- Work Element 616 (Training) - \$6,500 of LTF Funds have been added to the Training Work Element to support training for APC Planning Staff in the upcoming year.

It should be noted that the approved Dow & Associates one-year contract extension for FY 2023/24 totals \$341,182. Actual carryover amounts will not be available until the First Amendment.

As proposed, the Final FY 2023/24 Overall Work Program totals **\$600,682**.

Print copies of the final document will be provided after adoption by Lake APC Board at their June 7, 2023, meeting. (upon request). Financial Sheets have been included with the staff report, the full documents will be emailed out under separate cover.

ACTION REQUIRED: TAC review and make recommendation to APC Board on proposed Final FY 2023/24 OWP, for APC's consideration at their June 7, 2023, meeting.

ALTERNATIVES: The TAC may recommend revisions to the proposed Final OWP.

RECOMMENDATION: Recommend that APC Board approve the Final 2023/24 Overall Work Program.

/ajp

encls: (Proposed) FY 2023/24 OWP Financial Sheets

**LAKE COUNTY WORK PROGRAM
SUMMARY OF FUNDING SOURCES BY WORK ELEMENT
FY 2023 / 24 (FINAL)**

WE	Title	State RPA	State RPA C/O	State PPM	Local LTF	Federal FTA 5304	Other	Total Costs
600	Regional Planning & Intergovernmental Coordination	\$ 156,689	\$ -	\$ -	\$ -		\$ -	\$ 156,689
601	TDA Activities & Coordination	\$ -	\$ -	\$ -	\$ 45,993	\$ -	\$ -	\$ 45,993
602	Transit Planning & Performance Monitoring	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000
603	Lake Co. Principal Arterial Corridor VMT Study (Carryover)	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000
604	Lake County Project Reserve Funds	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000
605	Federal & State Grant Prep., Monitoring & Assistance	\$ 25,411	\$ 5,000	\$ -	\$ 26,289	\$ -	\$ -	\$ 56,700
606	Speed Zone Studies	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,500
607	Special Studies	\$ 35,000	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 70,000
608	Planning, Programming, & Monitoring	\$ 18,400	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 93,400
609	Sustainable Transportation Planning	\$ 8,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,500
610	Active Transportation	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
611	Pavement Management Program Update (Carryover)	\$ 7,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,500
612	Technology Support Services	\$ -	\$ -	\$ -	\$ 8,400	\$ -	\$ -	\$ 8,400
613	Transportation Information Outreach	\$ -	\$ -	\$ -	\$ 4,500	\$ -	\$ -	\$ 4,500
614	Infra Cost & Bus Perform. Analysis of Electric & Hydro Buses	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
615	<i>Intentionally Left Blank</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
616	Training	\$ -	\$ -	\$ -	\$ 6,500	\$ -	\$ -	\$ 6,500
	Totals	\$ 294,000	\$ 5,000	\$ 75,000	\$ 226,682	\$ -	\$ -	\$ 600,682

**LAKE COUNTY WORK PROGRAM
SUMMARY OF EXPENDITURES BY WORK ELEMENT**

WE	Title	Lake DPW	Lakeport	Clearlake	APC Staff Consultant	Other	Total Costs
600	Regional Planning & Intergovernmental Coordination	\$ 10,000	\$ -	\$ 7,000	\$ 137,689	\$ 2,000	\$ 156,689
601	TDA Activities & Coordination	\$ -	\$ -	\$ 3,000	\$ 40,493	\$ 2,500	\$ 45,993
602	Transit Planning & Performance Monitoring	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
603	Lake Co. Priority Interregional Facilities Study - <i>Carryover</i>	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
604	Lake County Project Reserve Funds	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
605	Federal & State Grant Prep., Monitoring & Assistance	\$ 6,700	\$ -	\$ 5,000	\$ 45,000	\$ -	\$ 56,700
606	Speed Zone Studies	\$ -	\$ -	\$ -	\$ 12,500	\$ -	\$ 12,500
607	Special Studies	\$ 30,000	\$ -	\$ 5,000	\$ 35,000	\$ -	\$ 70,000
608	Planning, Programming, & Monitoring	\$ 3,400	\$ 40,000	\$ 5,000	\$ 45,000	\$ -	\$ 93,400
609	Sustainable Transportation Planning	\$ -	\$ -	\$ -	\$ 8,500	\$ -	\$ 8,500
610	Active Transportation	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ 10,000
611	Pavement Management Program Update - Software	\$ -	\$ -	\$ -	\$ -	\$ 7,500	\$ 7,500
612	Technology Support Services	\$ 3,400	\$ -	\$ -	\$ -	\$ 5,000	\$ 8,400
613	Transportation Information Outreach	\$ -	\$ -	\$ -	\$ 4,500	\$ -	\$ 4,500
614	Infra Cost & Bus Perfor. Analysis of Electric & Hydro Buses	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
615	<i>Intentionally Left Blank</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
616	Training	\$ -	\$ -	\$ -	\$ -	\$ 6,500	\$ 6,500
	Totals	\$ 53,500	\$ 40,000	\$ 25,000	\$ 358,682	\$ 123,500	\$ 600,682



LAKE COUNTY/CITY AREA PLANNING COUNCIL TECHNICAL ADVISORY COMMITTEE STAFF REPORT

TITLE: Update on Grants and Grant Opportunities

DATE PREPARED: May 16, 2023

MEETING DATE: May 25, 2023

SUBMITTED BY: John Speka, Senior Transportation Planner

BACKGROUND: Below is a summary of current or potential projects and grant opportunities staff has been monitoring:

Konocti Corridor Vehicle Miles Traveled (VMT) Study- Funded through the Overall Work Program, this project is intended to assist with potential grant funding opportunities for highway improvements including or related to the Lake 29 Improvement (“Konocti Corridor”) Project. Given the focus on reducing greenhouse gas (GHG) emissions, most grant funding applications now request a discussion of possible impacts related to GHG and Vehicle Miles Traveled (VMT). This project will look at the Konocti Corridor as a whole (including continuing improvements to Lake 29 or traffic calming improvements along the northshore of Clear Lake) and determine how the region will be impacted by shifting interregional through traffic away from the northshore and redirected south of the lake. Headway Transportation was hired to lead the study.

A background analysis (e.g. project and plan reviews, safety data, driveway density, roadway capacity, etc.) was completed last December summarizing existing conditions of both the north shore route and the preferred southern route (SR 20/53/29). The project has been on hold while traffic modeling data from an in-progress study led by Caltrans District 1 was being prepared. The modeling project is expected to be complete by July, at which point the VMT analysis can then resume.

Konocti Corridor Equity Analysis Study- Similar to the Konocti Corridor VMT Study, this project will assist in answering potential grant application questions related to issues of “equity.” Initially part of the VMT Study scope of work, it has been separated out as a stand-alone project and is being prepared in-house by APC staff. Traffic modeling data from the above noted Caltrans District 1 project will also be used to help complete this study.

Lake 29 Improvement Project- An application was made last fall through the Trade Corridor Enhancement Program (TCEP) to fund right-of-way for the “2B” portion of the project (\$43.571 million). The TCEP is a State funded source that was initiated as part of SB1 in 2017 focusing on improving trade routes; in this case, for freight movement through the Lake region. Award announcements for the TCEP program are expected in June.

Sustainable Transportation Planning Grant Program- In March, Lake APC staff submitted three applications for grants under the Sustainable Transportation Planning Program. The first was for a Zero Emission Vehicle (ZEV) Infrastructure Plan to study appropriate locations and corridors to accommodate future charging/alternative fueling stations; a second application was submitted to fund a Ferry Service Feasibility Study for Clear Lake; and a third application was made for a Wildfire Evacuation Plan. Award announcements are expected towards the end of the summer.

Reconnecting Communities Program- Lake APC, City of Clearlake, and Caltrans District 1 have been looking into possible funding sources to improve intersection and general crossing safety across SR 53 in Clearlake.

One pilot program through the State, known as “Reconnecting Communities: Highways to Boulevards,” is expected to open soon providing \$149 million between three qualifying projects; one urban, one “corridor,” and one rural. The program is intended to assist underserved communities that have been separated by a State Highway to restore connectivity by enhancing mobility, access, or economic development. A “Call for Communities” with program related needs to apply is expected to open in late spring or early summer. Staff is monitoring the program as a potential funding source for the safety related intersection improvement projects in Clearlake.

Safe Streets and Roads for All (SS4A) - Finally, a competitive program from the federal Infrastructure Investment and Jobs Act (IIJA) offers potential funding for “planning, infrastructure, behavioral, and operation initiatives to prevent death and serious injury on roads and streets involving all roadway users, including pedestrians; bicyclists; public transportation; personal conveyance, and micro-mobility users; motorists; and commercial vehicle operators.”

The program provides up to a billion dollars a year (this being the second of five years altogether) and will be open until July 10 this year. A few noteworthy items include “expected” (but not required) minimum request amounts of \$100,000 for Planning and Demonstration Grants, and \$2.5 million for Implementation Grants, with a 20% match. There is also a requirement for jurisdictions to have a safety “action plan” in order to apply for implementation type projects, although recently adopted Local Road Safety Plans (LRSPs) would appear to qualify. Eligible activities are projects or a systemic series of projects (e.g. corridors, area wide strategies, etc.) that increase safety and are found within the Action Plans. The County of Lake is currently preparing an application that involves widening portions of Point Lakeview Road between Anderson Road and Konocti Vista Road. Other potential projects can be found in the LRSPs of Lakeport and Clearlake such as the following:

Lakeport: Eleventh Street corridor improvement projects including those listed for intersections at Forbes Street (mini roundabout), Central Park Street (flashing beacons, signage), and/or Brush Street (flashing beacons, crosswalk improvements, signage), or other pedestrian safety projects such as systemic sidewalk construction on 11th Street, 6th Street, and/or Lakeshore Boulevard.

Clearlake: Improvements along intersections of Highway 53 with the highest crash rates (e.g. Lakeshore Dr/40th Ave, 18th Ave, Old Hwy 53) including signage, flashing beacons, striping, etc. Other projects could include signage or flashing beacons at unsignalized intersections such as Old Hwy 53/Austin Rd, Austin Rd/Cypress Dr, Phillips Ave/18 Ave, or else installation or upgrades of pedestrian crossings near schools (e.g. Arrowhead Rd/Ciwa St, Arrowhead Rd/Halika St, Old Hwy 53/Airport Rd, etc.), all listed within the Clearlake LRSP.

As always, Lake APC staff offers its assistance in helping interested TAC member jurisdictions to develop applications for these or any other programs.

ACTION REQUIRED: None, informational only

ALTERNATIVES: None

RECOMMENDATION: None, informational only



LAKE COUNTY/CITY AREA PLANNING COUNCIL TAC STAFF REPORT

TITLE: Pavement Management Program Update and
GIS Linkage Update

DATE PREPARED: 05/18/2023

MEETING DATE: 05/25/2023

SUBMITTED BY: Michael Villa, Project Coordinator

UPDATE:

The Pavement Management Program (PMP) Update conducted by Nichols Consulting Engineers (NCE) has concluded with finalized reports for each agency. Debaroti Ghosh, representing NCE, presented these findings to the Lake APC Board. Subsequently, she delivered presentations to the Clearlake and Lakeport City Councils, as well as the Lake County Board of Supervisors.

Lake TAC members will be invited to provide any additional information or comments regarding their presentations.

ACTION REQUIRED: For information and discussion purposes only.

ALTERNATIVES: None

RECOMMENDATION: None

CT Milestone Report - Lake County - May 10, 2023

Past Due **Due in 3 Months** **Complete**

District	AMS ID	Project Number	Program	PM	County	Route	Post Mile	Nick Name	Legal Description	Work Description	Capital Construction Estimate	Capital Right-of-Way Estimate	Support Cost Estimate	Total Project Estimate	Phase	Program Project	Project Approval & Environmental Document (PA&ED)	Right-of-Way Certification (RW Cert)	Ready to List (RTL)	Begin Construction	End Construction
01	0122000059	01-0L900	OTHER STATE FUNDS	FINCK, BRIAN T	LAK	020	0/31.6	LAK 3 locations MMBN	MIDDLE MILE BROADBAND 85.34 MILES IN LAKE COUNTY ON VARIOUS ROUTES AT VARIOUS LOCATIONS	MIDDLE MILE BROADBAND	\$31,790,000	\$0	\$8,967,481	\$10,859,179	PAED	06/08/2022	08/01/2023	08/01/2024	12/03/2024	11/01/2026	
01	0117000227	01-0H470	MINOR B	GHIDINELLI, CHRISTOPHER M	LAK	020	10.9/11.4	Pomo Way Intersection Lighting	IN LAKE COUNTY NEAR NICE FROM 0.3 MILE WEST TO 0.3 MILE EAST OF POMO WAY	INSTALL INTERSECTION LIGHTING	\$168,000	\$12,000	\$0	\$420,632	PostRTL/Co nst		02/26/2019	02/09/2022	07/13/2022	12/29/2023	
01	0120000130	01-0K660	SHOPP	GOPANA, KIRAN K	LAK	020	16.74/18.02	Lucerne Complete Streets	IN LAKE COUNTY IN LUCERNE FROM 0.1 MILE WEST OF MORRISON CREEK BRIDGE TO 0.1 MILE EAST OF COUNTRY CLUB DRIVE	Lucerne Complete Streets Improvements	\$15,756,000	\$794,000	\$9,896,268	\$10,059,668	PAED	05/20/2024	08/07/2028	08/22/2028	12/11/2028	12/04/2030	
01	0118000117	01-0H840	SHOPP	GOPANA, KIRAN K	LAK	020	2/2.8	BLUE LAKES SAFETY	IN LAKE COUNTY ABOUT 6 MILES WEST OF UPPER LAKE FROM 0.6 MILE WEST OF IRVINE AVENUE TO 0.1 MILE EAST OF MID LAKE ROAD	IMPROVE CURVE; WIDEN SHOULDER	\$16,466,000	\$779,000	\$4,692,923	\$10,028,883	PostRTL/Co nst	12/05/2018	09/22/2020	11/07/2022	06/13/2023	12/01/2025	
01	0117000018	01-0G550	MINOR A	FLOYD, KIMBERLY R	LAK	020	26.54/26.63	Clearlake Oaks MGS Guardrail	IN LAKE COUNTY NEAR CLEAR LAKE OAKS AT BERYL WAY	INSTALL GUARDRAIL	\$821,000	\$0	\$571,331	\$2,580,895	PostRTL/Co nst	01/17/2018	08/13/2020	06/22/2021	12/21/2021	01/01/2023	
01	0120000076	01-0G331	SHOPP	FALK-CARLSEN, KARL	LAK	020	5.1/5.8	LAKE 20 Shoulders ENV Mitigation	IN LAKE COUNTY NEAR UPPER LAKE FROM 0.4 MILE WEST TO 0.3 MILES EAST OF WITTER SPRINGS ROAD	Mitigation	\$100,000	\$0	\$326,196	\$326,196	PostRTL/Co nst		04/03/2019	04/07/2020	03/27/2023	06/30/2023	06/02/2029
01	0120000077	01-0F491	SHOPP	FALK-CARLSEN, KARL	LAK	020	5.8/5.8	Bachelor Creek Bridge Mitigation	IN LAKE COUNTY NEAR UPPER LAKE FROM 0.1 MILE WEST TO 0.5 MILE EAST OF BACHELOR CREEK BRIDGE #14-0001	ENVIRONMENTAL MITIGATION	\$0	\$0	\$193,258	\$207,494	PostRTL/Co nst		12/17/2018	04/07/2020	07/01/2022	12/07/2022	12/31/2027
01	0123000093	01-0M920	MAINT	GHIDINELLI, CHRISTOPHER M	LAK	020	8.87/28.54	Pedestrian Safety Enhancement	IN LAKE COUNTY NEAR UPPER LAKE AND CLEAR LAKE OAKS AT VARIOUS LOCATIONS FROM MAIN STREET TO BUTLER STREET	Pedestrian Safety Enhancement	\$2,500,000	\$0	\$608,235	\$611,998	PAED		08/01/2023	08/15/2023	12/29/2023	05/01/2024	11/01/2024
01	0122000135	01-0M310	SHOPP	BRADY, MARIE A	LAK	020	R43.9/R44.2	Abbot Mine Curve Improvement	IN LAKE COUNTY ABOUT 15 MILES EAST OF CLEARLAKE OAKS FROM 0.3 MILE EAST OF WALKER RIDGE ROAD TO 0.6 MILE EAST OF WALKER RIDGE ROAD.	CURVE IMPROVEMENT	\$6,345,000	\$46,000	\$4,686,927	\$4,844,154	PID	09/15/2023	11/17/2025	02/17/2027	08/24/2027	01/18/2029	
01	0122000056	01-0L870	OTHER STATE FUNDS	FINCK, BRIAN T	LAK	029	0/20.307	LAK-29 MMBN	MIDDLE MILE BROADBAND 20.53 MILES IN LAKE COUNTY NEAR MIDDLETOWN FROM 0.2 MILE SOUTH OF ST HELENA CREEK BRIDGE TO JUNCTION 53 NORTH, LOWER LAKE	MIDDLE MILE BROADBAND	\$7,186,000	\$0	\$2,514,619	\$2,883,936	PAED	08/29/2022	06/01/2024	08/01/2024	12/03/2024	11/01/2026	
01	0117000138	01-0H220	MINOR A	FLOYD, KIMBERLY R	LAK	029	10.08/10.88	Hidden Valley Pull-Outs	IN LAKE COUNTY FROM 0.3 MILE TO 1.2 MILES NORTH OF PUTAH CREEK BRIDGE	CONSTRUCT MAINTENANCE TURN-OUTS	\$616,000	\$1,000	\$327,614	\$1,382,032	PostRTL/Co nst	04/01/2020	09/08/2021	09/09/2022	01/19/2023	12/01/2023	
01	0119000123	01-0J930	SHOPP	GOPANA, KIRAN K	LAK	029	11.9/23.6	Twin Lakes CAPM	IN LAKE COUNTY NEAR CLEAR LAKE FROM SPRUCE GROVE ROAD TO DIENER DRIVE/ROAD 543	Pavement Class 2 / CAPM	\$25,365,000	\$460,000	\$5,131,297	\$5,362,786	PAED	06/30/2022	06/28/2024	11/03/2025	02/01/2026	12/01/2027	
01	0123000070	01-0M790	SHOPP	GOFF, TREVOR	LAK	029	12.5/14.5	LAK 29 Emergency Slide Repair	IN LAKE COUNTY ABOUT 7 MILES NORTH OF MIDDLETOWN FROM 0.6 MILE NORTH OF SPRUCE GROVE ROAD TO 0.4 MILE SOUTH OF HOFACKER LANE	Slide Repair	\$1,000,000	\$0	\$612,237	\$1,625,640	PostRTL/Co nst	01/09/2023	01/09/2023	01/09/2023	01/09/2023	11/01/2024	
01	0121000085	01-0L220	SHOPP	GOPANA, KIRAN K	LAK	029	17.6/18	Lak-29/C St Left Turn Channelization	IN LAKE COUNTY FROM 0.2 MILE SOUTH OF NORTH C STREET-ROAD 141S TO 0.1 MILE NORTH OF C STREET-ROAD 141S	LEFT TURN CHANNELIZATION	\$1,676,000	\$30,000	\$2,617,224	\$2,885,578	PAED	05/19/2022	11/07/2024	07/07/2025	01/27/2026	12/01/2027	
01	0118000078	01-29841	STIP	PIMENTEL, JEFFREY L	LAK	029	23.6/26.9	LAK 29-KONOCCTI CORRIDOR 2A	IN LAKE COUNTY NEAR LOWER LAKE ON ROUTE 29 FROM 3.3 MILES NORTH OF JUNCTION 29/53 TO 1.0 MILE SOUTH OF JUNCTION 29/281	CONSTRUCTION 4-LANE EXPRESSWAY	\$54,500,000	\$19,505,000	\$13,632,061	\$15,782,786	PSE	07/01/1998	11/30/2016	12/01/2026	07/01/2027	12/01/2030	
01	0118000079	01-29831	STIP	PIMENTEL, JEFFREY L	LAK	029	26.1/29.1	LAK-29 KONOCCTI CORRIDOR 2B	IN LAKE COUNTY NEAR KELSEYVILLE ON MI NORTH OF JUNCTION 29/281 & ON MI WEST OF JUNCTION 29/281 TO 0.3 MI WEST OF JUNCTION 29/281	CONSTRUCT 4-LANE EXPRESSWAY	\$51,900,000	\$40,571,000	\$13,796,278	\$17,207,133	PSE	07/01/1998	11/30/2016	12/01/2026	07/01/2027	12/01/2030	
01	0114000043	01-29811	SHOPP	MATTEOLI, JAIME C	LAK	029	28.5/31.6	Lake 29 Expressway - Safety	IN LAKE COUNTY NEAR KELSEYVILLE FROM 0.6 MILE NORTH OF THE JUNCTION OF SR 29/281 TO 0.6 MILE NORTH OF THE JUNCTION OF SR 29/175	Improve Curve and Upgrade Shoulders	\$42,451,000	\$11,981,000	\$397,755	\$22,017,950	PostRTL/Co nst	01/17/2014	11/30/2016	05/05/2019	12/02/2019	02/01/2025	
01	0114000044	01-29821	STIP	MATTEOLI, JAIME C	LAK	029	28.5/31.6	LAK-29 STIP	IN LAKE COUNTY NEAR KELSEYVILLE FROM 0.6 MILE NORTH OF THE JUNCTION OF SR 29/281 TO 0.6 MILE NORTH OF THE JUNCTION OF SR 29/175	LAK-29 CHILD STIP	\$23,757,000	\$4,866,000	\$103,612	\$4,909,835	PostRTL/Co nst	07/01/1998	11/30/2016	03/06/2019	12/02/2019	02/01/2025	

CT Milestone Report - Lake County - May 10, 2023

Due in 3 Months Complete

Past Due

District	AMS ID	Project Number	Program	PM	County	Route	Post Mile	Nick Name	Legal Description	Work Description	Capital Construction Estimate	Capital Right-of-Way Estimate	Support Cost Estimate	Total Project Estimate	Phase	Program Project	Project Approval & Environmental Document (PA&ED)	Right-of-Way Certification (RW Cert)	Ready to List (RTL)	Begin Construction	End Construction
01	0118000125	01-2982U	SHOPP	MATTEOLI, JAIME C	LAK	029	28.5/31.6	LAK-29 COMBINED	IN LAKE COUNTY NEAR KELSEYVILLE ON RTE 29 FROM 0.6 MI TO 3.7 MILES NORTH OF RTE 281 AND ON RTE 175 FROM SO JCT RTE 29 TO 0.3 MI EAST OF SO JCT RTE 29	CONSTRUCT EXPRESSWAY	\$66,208,000	\$0	\$785,577	\$64,756,256	PosRTL/Co nst	01/17/2014	11/30/2016	05/06/2019	12/02/2019	02/01/2025	
01	0119000062	01-2983U	SHOPP	MATTEOLI, JAIME C	LAK	029	28.5/31.6	LAK-29 combined mitigation	IN LAKE COUNTY NEAR KELSEYVILLE FROM 0.6 MILE NORTH OF THE JUNCTION OF SR 29/281 TO 0.6 MILE NORTH OF THE JUNCTION OF SR 29/175	ENVIRONMENTAL MITIGATION	\$0	\$0	\$671,781	\$694,851	PosRTL/Co nst	01/17/2014	11/30/2016	05/06/2019	12/30/2019	12/30/2027	
01	0123000064	01-0M740	MINOR B	GHIDINELLI, CHRISTOPHER M	LAK	029	30.73/30.73	(0M740) Lak-29 Wall Treatment	In Lake County near Kelseyville at 0.3 mile south of Route 175	Cover middle section of the retaining wall with either shotcrete or metal panels.	\$0	\$0	\$89,911	\$124,994	PSE		08/15/2023	09/01/2023	01/01/2024	12/01/2025	
01	0123000032	01-0M570	SHOPP	KING, ROBERT W	LAK	029	31.4/33.7	Bottle Rock Safety	IN LAKE COUNTY NEAR KELSEYVILLE FROM 1.0 MILE SOUTH OF BOTTLE ROCK ROAD 515 LEFT AND 0.7 MILE NORTH OF COLE CREEK ROAD 515E LEFT	SHOULDER WIDENING AND LEFT TURN CHANNELIZATION	\$9,450,000	\$0	\$5,029,680	\$5,114,132	PID	10/19/2023	06/23/2025	05/11/2026	12/01/2026	12/01/2028	
01	0121000088	01-0L260	SHOPP	GOPANA, KIRAN K	LAK	029	31.6/52.5	LAKEPORT CAPM	IN LAKE COUNTY NEAR LAKEPORT FROM 0.5 MILE NORTH OF JUNCTION ROUTE 175 TO JUNCTION ROUTE 20	CAPM	\$38,885,000	\$42,000	\$6,848,249	\$7,005,916	PAED	07/01/2024	02/02/2026	07/15/2027	02/01/2028	04/15/2030	
01	0116000114	01-0G000	SAFE RTS	BUCK, JENNIFER L	LAK	029	4.15/5.14	Middletown Path	IN LAKE COUNTY IN MIDDLETOWN FROM RANCHERIA ROAD TO CENTRAL PARK ROAD	CONSTRUCT MULTH USE PATH	\$0	\$0	\$313,690	\$380,184	PosRTL/Co nst	04/09/2016	07/11/2019	02/09/2022	06/01/2022	01/03/2024	
01	0119000007	01-0J310	MINOR B	GHIDINELLI, CHRISTOPHER M	LAK	029	44.6/44.6	LAKEPORT MS OVERLAY	IN LAKE COUNTY NEAR LAKEPORT AT THE LAKEPORT MAINTENANCE STATION	MAINTENANCE STATION OVERLAY	\$265,000	\$0	\$121,309	\$281,378	PosRTL/Co nst		06/07/2018	02/11/2022	07/29/2022	12/29/2023	
01	0122000027	01-0L590	SHOPP	GOPANA, KIRAN K	LAK	029	5/5.9	Middletown Safety South	IN LAKE COUNTY AT MIDDLETOWN FROM 0.1 MILE SOUTH OF CENTRAL PARK ROAD TO 0.1 MILE NORTH OF YOUNG STREET	WIDEN AND CHANNELIZE	\$6,319,000	\$305,000	\$7,950,409	\$8,151,527	PAED	06/28/2023	07/01/2025	01/15/2027	07/01/2027	01/01/2029	
01	0123000017	01-0M470	SHOPP	KING, ROBERT W	LAK	029	7.4/8.9	Middletown North Safety	IN LAKE COUNTY NEAR MIDDLETOWN FROM 1.1 MILES NORTH OF BUTTES CANYON ROAD TO 0.3 MILE SOUTH OF GRANGE ROAD	WIDEN SHOULDERS AND INSTALL RUMBLE STRIPS	\$9,800,000	\$0	\$2,777,677	\$2,831,463	PID	10/10/2023	04/11/2025	06/15/2027	02/03/2028	12/01/2028	
01	0123000051	01-0M640	MAINT	GHIDINELLI, CHRISTOPHER M	LAK	029	R45.1/52.54	LAKEPORT OVERLAY	IN LAKE COUNTY NEAR LAKEPORT FROM PARK WAY OC TO ROUTE 20	OVERLAY	\$4,648,000	\$0	\$581,586	\$610,405	PAED		09/01/2023	08/15/2023	05/01/2024	11/01/2024	
01	0122000057	01-0L880	OTHER STATE FUNDS	FINCK, BRIAN T	LAK	053	0/7.42	LAK-53 MMBN	MIDDLE MILE BROADBAND 7.42 MILES IN LAKE COUNTY NEAR CLEARLAKE FROM THE ROUTE 29-53 JUNCTION TO 0.1 MILE SOUTH OF THE ROUTE 20-53 JUNCTION	MIDDLE MILE BROADBAND	\$2,597,000	\$0	\$1,338,748	\$1,458,010	PAED	08/30/2022	06/01/2024	08/01/2024	12/03/2024	11/01/2026	
01	0123000085	01-0M930	SHOPP	GOFF, TREVOR	LAK	175	0/1.5	Storm Damage Lake 175	IN LAKE COUNTY NEAR HOPLAND FROM 0.0 TO 1.5 MILES EAST OF MENDOCINO COUNTY LINE	Storm Damage Repair	\$2,200,000	\$0	\$711,622	\$716,049	PosRTL/Co nst	03/30/2023	03/30/2023	03/30/2023	04/03/2023	11/01/2024	
01	0123000121	01-0N050	SHOPP	GOFF, TREVOR	LAK	175	20.5/23	Repair storm Damage	IN LAKE COUNTY NEAR MIDDLETOWN FROM 0.2 MILE EAST OF ARROYO VISTA ROAD TO 0.4 MILE WEST OF SOCRATES MINE ROAD	Storm damage repair	\$1,500,000	\$0	\$509,447	\$509,447	PosRTL/Co nst	04/26/2023	04/26/2023	04/26/2023	05/08/2023	11/01/2024	
01	0122000126	01-0M230	OTHER STATE FUNDS	FINCK, BRIAN T	LAK	281	14/17	LAK-281 MMBN	MIDDLE MILE BROADBAND 2.95 MILES IN LAKE COUNTY NEAR LAKEPORT FROM BEGINNING ADOPTED ROUTE SODA BAY TO THE JUNCTION OF ROUTES 281 AND 20	MIDDLE MILE BROADBAND	\$1,033,000	\$0	\$1,108,513	\$1,136,017	PAED	08/29/2022	06/01/2024	08/01/2024	12/03/2024	11/01/2026	
01	0115000033	01-0E820	SHOPP	GOPANA, KIRAN K	LAK	VAR	0/0	EAST LAKE CO TMS	IN LAKE COUNTY AT VARIOUS LOCATIONS	UPGRADE TRANSPORTATION MANAGEMENT SYSTEM	\$2,008,000	\$43,000	\$71,005	\$1,591,564	PosRTL/Co nst	10/18/2017	12/31/2019	04/06/2021	11/02/2021	12/01/2023	
01	0118000172	01-0E081	SHOPP	GOPANA, KIRAN K	LAK	VAR	0/0	Morrison, Robinson & Kelsey Creek	IN LAKE COUNTY AT VARIOUS LOCATIONS	BRIDGE RAIL & UPGRADE	\$9,447,000	\$358,000	\$1,307,819	\$14,242,742	PosRTL/Co nst	07/02/2018	06/29/2020	05/19/2021	10/19/2021	12/01/2023	

TRAFFIC CONTROL FOR SAFER WORK ZONES 8-HOUR (TS-10)

GENERAL COURSE AGENDA

8:00 AM - 8:45 AM	Introduction (45 Minutes) <ol style="list-style-type: none">1. Course Overview2. Need for Training3. Liability in the Work Zone4. Human Factors
8:45 AM - 9:00 AM	Worker, Pedestrian and Bicyclist Considerations (15 Minutes) <ol style="list-style-type: none">1. Worker Considerations<ol style="list-style-type: none">a. Personal Protective Equipment (PPE) - Safety Order 3380b. Heat Illness Prevention – Safety Order 3395c. Activity Area – Planning , Speed and Internal Traffic Controld. Positive Protection Devices-Federal Regulations - 23 CFR 630.1108 (“Subpart K”)e. Worker Safety Planning “General Duty Clause”2. Pedestrian Considerations3. Bicycle Considerations4. Pedestrian ADA Considerations
9:00 AM - 9:30 AM	Traffic Control Devices (30 Minutes) <ol style="list-style-type: none">1. Signs2. Devices3. Minimum signs and devices each truck should carry.
9:30 AM - 10:00 AM	Components of Temporary Traffic Control Layouts (30 minutes) <ol style="list-style-type: none">1. Areas2. Tapers and buffer spacing3. Sign Spacing4. Warning Sign Series5. Work Duration6. TTC Guidelines for High speed and Low speed
10:00 AM - 10:15 AM	BREAK (15 Minutes)
10:15 AM - 12:00 PM	Exercises and Typical Application Solutions (105 Minutes)
12:00 PM - 1:00 PM	LUNCH (60 Minutes)
1:00 PM - 2:00 PM	Continue Exercises (60 Minutes)
2:00 PM - 2:30 PM	Preparation, Installation and Removal VIDEO-Safe Efficient Lane Closure – LADOT (30 Minutes)
2:30 PM - 2:45 PM	BREAK (15 Minutes)
2:45 PM - 3:00 PM	Evaluating, Documenting and Maintaining - ONLY IN URBAN (15 Minutes)
3:00 PM - 4:30 PM	Flagging (90 Minutes for Low Speed/ 180 Minutes in High Speed) <ol style="list-style-type: none">1. Video2. Power Point Presentation (High Speed only Optional for Low Speed)3. Hands on Student Demonstration of Proper Flagging Procedures
4:30PM-5:00PM	Course Wrap-up & Evaluations (15 Minutes)