



LAKE COUNTY/CITY AREA PLANNING COUNCIL

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

525 North State Street, Ukiah, CA 95482
Administration: Suite G ~ 707-234-3314
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2025/26 LAKE COUNTY OWP APPLICATION - PROPOSED SCOPE OF WORK

APPLICANT (AGENCY): LAKE AREA PLANNING COUNCIL	DATE SUBMITTED: 3/21/25
CONTACT PERSON(S): JOHN SPEKA	
PROJECT TITLE: Local Road Safety Plan (LRSP) Updates	
GOAL/PURPOSE: <i>(How will this project be used to improve the State, regional, or local transportation system? Refer to OWP project selection criteria. Use additional sheets as necessary to prepare outline)</i> The project will focus on updating existing LRSPs for each of the region’s three jurisdictions including stakeholder- and public- engagement efforts to determine safety needs and concerns for enhanced project lists in each of the three Plans. The purpose is to reduce the risk of serious injury and fatal crashes. This will be accomplished in part through the use of Benefit/Cost Ratio (BCR) analyses in prioritizing projects, which will be evidence-based and highlight “low-cost, high impact” developments. The plans will also address requirements under the SS4A program for safety “action plan” items such as equity analyses, or target goals for zero roadway fatalities and serious injury, which will qualify recommended safety projects for future SS4A grant opportunities. Included in the scope is the preparation of one Highway Safety Improvement Program (HSIP) grant application for each of the three public works agencies.	
Tasks: <i>(Indicate RFP advertisement, procurement & contract award, project specific tasks, draft review, and final product adoption dates.)</i> Project-related tasks will include: <ol style="list-style-type: none"> 1.) Conduct a standard competitive procurement procedure for consulting services (e.g. RFP distribution, impartial scoring and selection, and contracting). 2.) Once in contract, consultant led development of the LRSPs will include: <ol style="list-style-type: none"> a. Kick-off meetings, stakeholder group formation and periodic meetings b. Public outreach community involvement phase c. Review of existing safety and other related plans, collection and review of relevant data, analyses of existing conditions and safety project recommendations. d. Additional components of the LRSPs will include equity analyses, zero roadway fatalities/serious injury reduction commitments and target dates, and the development of new (or revised) policies. e. Preparation of one Highway Safety Improvement Program (HSIP) grant application for each of the three local agencies (total of three). f. Final Products and Board/Council Presentations 	
PREVIOUS RELATED WORK: LOCAL ROAD SAFETY PLANS FOR CLEARLAKE (2021), LAKEPORT (2021), AND THE COUNTY OF LAKE (2022).	
PRODUCTS: <i>Identify products of the planning effort.</i> REVISED/UPDATED LOCAL ROAD SAFETY PLANS FOR CLEARLAKE, LAKEPORT, AND THE COUNTY OF LAKE.	

ESTIMATED TIME SCHEDULE: (Indicate “I” for anticipated task Initiation and “C” for anticipated Completion)

TASK	ANTICIPATED COMPLETION DATE (BY QUARTER)			
	July -September	October -December	January -March	April -June
1	I	C		
2		I	Ongoing	Ongoing
2a.		I		C
2b.			I	C
2c.			I	C
2d.				I - C
2e.				I - C
2f.				I - C

ESTIMATED PERSON DAYS/ COST BREAKDOWN:

RESPONSIBLE AGENCY	APPROXIMATE PERSON DAYS	BUDGET	FUNDING SOURCE
Consultant		110,500	OWP / RPA
TOTAL:			

Notes:

1. Receipts and documentation are required for all direct costs, including copies of consultant invoices and receipts. Mark-up of direct costs is not allowed.
2. Travel costs are limited to Caltrans approved travel rates, available at the following link: <http://www.dot.ca.gov/hq/asc/travel/ch12/1consultant.htm#rr>.
3. It is applicant’s responsibility to comply with all fiscal and procurement requirements of federal, state, regional, or local funding agencies.
4. The Transportation Development Act (TDA) requires recipients of Local Transportation Funds to submit annual fiscal audits to Lake APC.



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PROPOSED SCOPE OF WORK

APPLICANT (AGENCY): CITY OF CLEARLAKE	DATE SUBMITTED: 3/20/2025
CONTACT PERSON(S): ADELINE LEYBA	
PROJECT TITLE: AI Pavement Management Software	
GOAL/PURPOSE: <i>(How will this project be used to improve the State, regional, or local transportation system? Refer to OWP project selection criteria. Use additional sheets as necessary to prepare outline)</i> AI software can play a crucial role in roadway management by enhancing the efficiency, safety, and sustainability of the City’s roads. The AI software uses cameras and sensors to monitor and analyze roadway conditions such as cracking, potholing, and deterioration, and create asset inventories with signage, guardrails, and striping. Using the software can lead to making data-driven decision making about reactive and preventative improvements needed. Instead of having a manual survey done to determine PMI and create a PMP, AI software can allow the City to continuously assess our road network. AI software also costs significantly less than manual surveys.	
Tasks: <i>(Indicate RFP advertisement, procurement & contract award, project specific tasks, draft review, and final product adoption dates.)</i> 1. Reach out to AI Road Management Software companies for pricing and demonstrations (Vaisala, Vialytics, Michelin, Cyvl, Roadly) 2. Determine best AI Road Management Software for City’s use 3. Implement AI Road Management Software on all City streets 4. Interpret data from AI Road Management Software on roadway conditions Amount requested: \$50,000.00	
PREVIOUS RELATED WORK: Product testing of free software and research on different products	
PRODUCTS: <i>Identify products of the planning effort.</i> AI SOFTWARE (VAISALA, Vialytics, MICHELIN, CYVL, ROADLY), GIS TECHNOLOGY AND SUPPORT	

ESTIMATED TIME SCHEDULE: (Indicate “I” for anticipated task Initiation and “C” for anticipated Completion)

TASK	ANTICIPATED COMPLETION DATE (BY QUARTER)			
	July -September	October -December	January -March	April -June
1	I	C		
2	I	C		
3		I		C
4		I		C
5				
6				
7				

ESTIMATED PERSON DAYS/ COST BREAKDOWN:

RESPONSIBLE AGENCY	APPROXIMATE PERSON DAYS	BUDGET	FUNDING SOURCE
City of Clearlake/APC Staff	100		
TOTAL:	100		

Notes:

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3. It is applicant’s responsibility to comply with all fiscal and procurement requirements of federal, state, regional, or local funding agencies.
4. The Transportation Development Act (TDA) requires recipients of Local Transportation Funds to submit annual fiscal audits to Lake APC.



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PROPOSED SCOPE OF WORK

<u>APPLICANT (AGENCY):</u> COUNTY OF LAKE	<u>DATE SUBMITTED:</u> MARCH 21, 2025
<u>CONTACT PERSON(S):</u> GLEN MARCH, PUBLIC WORKS DIRECTOR	
<u>PROJECT TITLE:</u> Lucerne Roads Rehabilitation and Safety Improvements	
<p><u>GOAL/PURPOSE:</u> <i>(How will this project be used to improve the State, regional, or local transportation system? Refer to OWP project selection criteria. Use additional sheets as necessary to prepare outline)</i></p> <p>The project will eliminate up to 14 of the 18 left turn locations crossing State Route 20 to and from the Avenues (A 1.1-mile corridor from 1st Avenue to County Club Drive). Reducing left turn lanes is likely to significantly reduce accidents between vehicles, pedestrians, and/or cyclists. Reducing the number of left-turn locations allows for modifying two-way streets into one-way streets between State Route 20 and Country Club Drive in the “Avenues.” The project will allow for the construction of Class I bikeways and pedestrian paths within the 60 feet right of way, which will provide for safer access for pedestrians and cyclists to State Route 20 where the Lake County Transit operates buses. The project will also include pavement rehabilitation in the Lucerne “Avenues” because the average pavement condition index of 16.</p>	
<p><u>Tasks:</u> <i>(Indicate RFP advertisement, procurement & contract award, project specific tasks, draft review, and final product adoption dates.)</i></p> <p>The County intends to:</p> <ol style="list-style-type: none"> (1) Publish an on-call Transportation/Traffic Engineer RFQ and enter into a consultant contract - May 2025. (2) Prepare an engineering feasibility study that considers three different left turn reduction scenarios - December 2025. (3) Hold public meetings to get community input – February 2026 (4) Finalize engineering feasibility study, including design, environmental, right-of-way, utility relocation, and construction estimates – June 31, 2025 	
<p><u>PREVIOUS RELATED WORK:</u> (1) LAKE APC’s “HIGHWAY 20 NORTH SHORE COMMUNITIES TRAFFIC CALMING PLAN AND ENGINEERED FEASIBILITY STUDY; (2) LAKE COUNTY PAVEMENT MANAGEMENT PLAN, (3) CALTRANS’ LUCERNE COMPLETE STREETS. WE HAVE BEGUN COLLABORATING WITH CALTRANS AND THE LAKE COUNTY FIRE PROTECTION DISTRICT</p>	
<p><u>PRODUCTS:</u> <i>Identify products of the planning effort.</i> ENGINEERED FEASIBILITY STUDY INCLUDING 10% PLANS AND ESTIMATES.</p>	

ESTIMATED TIME SCHEDULE: (Indicate “I” for anticipated task Initiation and “C” for anticipated Completion)

TASK	ANTICIPATED COMPLETION DATE (BY QUARTER)			
	July -September	October -December	January -March	April -June
1	C			
2	I	C		
3			I-C	
4				I-C
5				
6				
7				

ESTIMATED PERSON DAYS/ COST BREAKDOWN:

RESPONSIBLE AGENCY	APPROXIMATE PERSON DAYS	BUDGET	FUNDING SOURCE
Lake County		\$110,500	Grant
Lake County		\$25,000	Lake County
TOTAL:		\$135,500*	

- *The budget is based on a budget cost estimate from a Traffic/Transportation Consultant.*

Notes:

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3. It is applicant’s responsibility to comply with all fiscal and procurement requirements of federal, state, regional, or local funding agencies.
4. The Transportation Development Act (TDA) requires recipients of Local Transportation Funds to submit annual fiscal audits to Lake APC.

County of Lake

Lucerne Roads Rehabilitation and Safety Improvements

Scope of Work: The project will reduce the number of left turn lanes crossing State Route 20 to and from the Avenues. The project may eliminate up to 14 crossings. Crossings of State Route 20 at 1st, 7th, 13th, and Country Club Drive will remain left turn locations. The County intends to present up to three different scenarios to the public for input.

The final project will be comprised of:

- Reduce left turn crossing of State Route 20 by constructing medians on State Route 20.
- Modify two-way roads into one-way roads and provide on-street parking.
- Rehabilitate the road pavement from 1st Avenue to 17th Avenue, except 13th Avenue, from State Route 20 to Country Club Drive. (Country Club Drive runs parallel to State Route 20 from 1st Avenue to 17th Avenue and intersects with State Route 20 east of 17th Avenue.)
- Construct separated Class I and II bikeways, and/or pedestrian paths on the Avenues. (Nominal improvements are proposed on 13th Avenue.)
- Construct green street improvements (improved roadside ditches) to capture drainage and allow water to infiltrate the green areas.
- Create more “green space” in the Avenues for landscaping.

The project will:

- Reduce the likelihood of vehicle, pedestrian, and cyclist accidents on State Route 20 by reducing the number of left turn locations.
- Reduce the likelihood of pedestrian accidents due to vehicles turning left.
- Create right turn only, one-way streets to and from the Avenues.
- Improve the quality of life by providing more “green space” with the 60 feet right of way. By striping parking spaces, residents will not park vehicles all over the area.
- Improve pedestrian and cyclist safety by constructing separated bikeways and pedestrian paths.

1. Support economic vitality, travel and/or tourism of region. The project will substantially reduce the number of left turn locations to and from the “Avenues” on State Route 20. By reducing the number of left turn locations,” the project will improve the traffic flow, especially eastbound, on State Route 20. State Route 20 is an

important east-west travel/trucking corridor between US Route 5 and State Route 101 that benefits the region.

- 2. Increase safety and/or security of transportation system.** The project will increase safety by reducing the number of left turn locations at State Route 20. Separated bikeways and pedestrian paths along 1st Street through 17th Street will improve pedestrian and cyclist safety.
- 3. Increase accessibility and mobility.** The project will construct separated bikeways and pedestrian paths along County roads from State Route 20 to Country Club Drive. The improvements improve accessibility and mobility for pedestrians and cyclist to County parks, the commercial areas, and Lake County Transit bus stops located at State Route 20.
- 4. Promote consistency between transportation improvements and State and Local planned growth and economic development patterns.** Caltrans is currently in the planning stages of the Lucerne Complete Streets project. The County is currently coordinating with Caltrans to ensure the improvements are only constructed one time. Coordination of (1) pedestrian crossing and curb ramps length at 1st Avenue through Country Club; (2) pedestrian crossing locations of State Route 20; (3) medians and left turn pockets on State Route 20.
- 5. Enhance integration and connectivity of transportation system.** The project will connect bikeways and pedestrian paths to and from Country Club Drive to State Route 20 along multiple streets. The project will improve residents' access to the Lake Transit bus stops on State Route 20. constructed as
- 6. Promote efficient system management and operation.** The pavement rehabilitation will improve the roads and reduce the need for maintenance. The changes to road network will be significantly improve the operation of State Route 20.
- 7. Preservation of the existing transportation system.** The project will rehabilitate the pavement from 1st Avenue to 17th Avenue, except 13th Avenue, from Country Club Drive to State Route 20.
- 8. Improve the resiliency and reliability of the transportation system.** The safety improvement will likely reduce the number of accidents on State Route 20, which will improve the reliability. Also, by reducing the number of left turn locations, will reduce the sensory overload of drivers because drivers must be prepared to stop or slow as 18 left turn crossings.