

City of Clearlake
Notice of Intent to Adopt a Mitigated Negative Declaration (MND)

Notice is hereby given that the City of Clearlake has tentatively determined that the project described below will not result in a significant adverse impact on the environment and that, in accordance with the California Environmental Quality Act, the City is prepared to issue a “mitigated negative declaration” in accordance with the California Environmental Quality Act (CEQA).

Project Name: 36th Avenue Road Rehabilitation Project (Between Phillips and Eureka Avenue)

Project Numbers: CEQA Initial Study, IS 2025-01

Project Summary: The proposed project consists of the rehabilitation/improvement of approximately 600 linear feet of 36th Avenue between Phillips Avenue and Eureka Avenue. The project is intended to improve roadway safety, access, drainage and infrastructure reliability. Key components of the project include:

- **Grading and Earthwork:** The roadway will be re-graded to establish a uniform profile and improve drainage. This may involve the importation of up to 500 cubic yards of fill material (may exceed 500 cubic yards if necessary) to raise low points and achieve the desired elevation and slope necessary for proper roadway function and stormwater management. The existing roadway will be raised approximately one foot.
- **Roadway Reconstruction:** The existing roadway surface will be removed and replaced with new structural sections. This includes the placement of aggregate base rock and a new layer of hot mix asphalt to provide a durable and safe driving surface. Edge treatments, such as paving transitions or shoulders, may be included depending on site conditions. Roadway improvements will adhere to all applicable Federal, State and local agency requirements.
- **Drainage Infrastructure:** To enhance stormwater conveyance and mitigate localized flooding, the project proposes the installation of new drainage features, including culverts, within an existing blue line waterway. Approximately 600 linear feet of the seasonal waterway will be modified to accommodate an enclosed culvert system. This will involve minor dredging and reshaping of the channel to facilitate proper placement of the culverts. Following installation, the area will be backfilled, graveled, and paved to restore surface conditions. Note: The project will not alter or reroute the existing course of the waterway; all improvements will occur within the current channel alignment.
- **Construction activities:** All activities will be conducted in compliance with all applicable local, state, and federal regulations, including best management practices (BMPs) for erosion control and stormwater pollution prevention. Temporary traffic control measures will be implemented to ensure the safety of both the public and construction personnel throughout the duration of the project.

This tentative determination is based on an environmental analysis (CEQA IS 2025-01) that assesses the project’s potential environmental impacts, and those potential impacts have been reduced to less than significant levels with the incorporated mitigation measures. Anyone may review this study at Clearlake City Hall, 14050 Olympic Drive, Clearlake, CA 95901, during normal business hours or by downloading the CEQA Packet from the State Clearinghouse Website at: <https://ceqanet.opr.ca.gov/> or from the City’s Website at: <https://www.clearlake.ca.us/404/Public-Review-Documents>. The public review period for this Notice of Intent (NOI) will remain open for a period of at least 30 days from publication date of this notice. **The commenting period for this Notice of Intent (NOI) is June 21st, 2025, through July 22nd, 2025 (Please Note: All comments must be received no later than July 22nd, 2025).**

For more information, please call (707) 994-8201 during normal business hours of City Hall (Monday through Thursday – 8am to 5pm). During this period written comments on the project and the proposed mitigated negative declaration may be addressed. You may also submit comments via email at mroberts@clearlake.ca.us.

City of Clearlake - Community Development Department
Attn: Mark Roberts – Senior Planner
14050 Olympic Drive
Clearlake, CA 95422

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
 For Hand Delivery Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH #

Project Title: 36th Avenue Road Rehabilitation Project

Lead Agency: City of Clearlake, CA Contact Person: Mark Roberts - Senior Planner
 Mailing Address: 14050 Olympic Drive Phone: 707-994-8201
 City: Clearlake Zip: 95422 County: County of Lake, CA

Project Location: County: County of Lake City/Nearest Community: Clearlake
 Cross Streets: Phillips and Eureka Avenue Zip Code: 95422

Longitude/Latitude (degrees, minutes and seconds): ° ' " N / ° ' " W Total Acres:
 Assessor's Parcel No.: N/A Section: Twp.: Range: Base:
 Within 2 Miles: State Hwy #: 53 Waterways: Molesworth Creek & Waters of Clearlake
 Airports: N/A Railways: N/A Schools:

Document Type:

CEQA: NOP Draft EIR NEPA: NOI Other: Joint Document
 Early Cons Supplement/Subsequent EIR EA Final Document
 Neg Dec (Prior SCH No.) Draft EIS Other:
 Mit Neg Dec Other: FONSI

Local Action Type:

General Plan Update Specific Plan Rezone Annexation
 General Plan Amendment Master Plan Prezone Redevelopment
 General Plan Element Planned Unit Development Use Permit Coastal Permit
 Community Plan Site Plan Land Division (Subdivision, etc.) Other: Road Improvement

Development Type:

Residential: Units Acres Transportation: Type
 Office: Sq.ft. Acres Employees Mining: Mineral
 Commercial: Sq.ft. Acres Employees Power: Type MW
 Industrial: Sq.ft. Acres Employees Waste Treatment: Type MGD
 Educational: Hazardous Waste: Type
 Recreational: Other: Road Rehabilitation Project
 Water Facilities: Type MGD

Project Issues Discussed in Document:

Aesthetic/Visual Fiscal Recreation/Parks Vegetation
 Agricultural Land Flood Plain/Flooding Schools/Universities Water Quality
 Air Quality Forest Land/Fire Hazard Septic Systems Water Supply/Groundwater
 Archeological/Historical Geologic/Seismic Sewer Capacity Wetland/Riparian
 Biological Resources Minerals Soil Erosion/Compaction/Grading Growth Inducement
 Coastal Zone Noise Solid Waste Land Use
 Drainage/Absorption Population/Housing Balance Toxic/Hazardous Cumulative Effects
 Economic/Jobs Public Services/Facilities Traffic/Circulation Other:

Present Land Use/Zoning/General Plan Designation:

Current Developed as an existing roadway. Project will rehabilitate the existing roadway

Project Description: (please use a separate page if necessary)

See Enclosed Description

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Project Description

The proposed project consists of the rehabilitation/improvement of approximately 600 linear feet of 36th Avenue between Phillips Avenue and Eureka Avenue. The project is intended to improve roadway safety, access, drainage and infrastructure reliability. Key components of the project include:

Grading and Earthwork: The roadway will be re-graded to establish a uniform profile and improve drainage. This may involve the importation of up to 500 cubic yards of fill material (may exceed 500 cubic yards if necessary) to raise low points and achieve the desired elevation and slope necessary for proper roadway function and stormwater management. The existing roadway will be raised approximately one foot.

Roadway Reconstruction: The existing roadway surface will be removed and replaced with new structural sections. This includes the placement of aggregate base rock and a new layer of hot mix asphalt to provide a durable and safe driving surface. Edge treatments, such as paving transitions or shoulders, may be included depending on site conditions. Roadway improvements will adhere to all applicable Federal, State and local agency requirements.

Drainage Infrastructure: To enhance stormwater conveyance and mitigate localized flooding, the project proposes the installation of new drainage features, including culverts, within an existing blue line waterway. Approximately 600 linear feet of the seasonal waterway will be modified to accommodate an enclosed culvert system. This will involve minor dredging and reshaping of the channel to facilitate proper placement of the culverts. Following installation, the area will be backfilled, graveled, and paved to restore surface conditions. Note: The project will not alter or reroute the existing course of the waterway; all improvements will occur within the current channel alignment.

Construction activities will be conducted in compliance with all applicable local, state, and federal regulations, including best management practices (BMPs) for erosion control and stormwater pollution prevention. Temporary traffic control measures will be implemented to ensure the safety of both the public and construction personnel throughout the duration of the project.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "X".
If you have already sent your document to the agency please denote that with an "S".

- | | |
|---|---|
| <input type="checkbox"/> Air Resources Board | <input checked="" type="checkbox"/> Office of Historic Preservation |
| <input type="checkbox"/> Boating & Waterways, Department of | <input type="checkbox"/> Office of Public School Construction |
| <input type="checkbox"/> California Emergency Management Agency | <input type="checkbox"/> Parks & Recreation, Department of |
| <input checked="" type="checkbox"/> California Highway Patrol | <input type="checkbox"/> Pesticide Regulation, Department of |
| <input checked="" type="checkbox"/> Caltrans District # 1 | <input checked="" type="checkbox"/> Public Utilities Commission |
| <input type="checkbox"/> Caltrans Division of Aeronautics | <input checked="" type="checkbox"/> Regional WQCB # 5 |
| <input type="checkbox"/> Caltrans Planning | <input type="checkbox"/> Resources Agency |
| <input type="checkbox"/> Central Valley Flood Protection Board | <input type="checkbox"/> Resources Recycling and Recovery, Department of |
| <input type="checkbox"/> Coachella Valley Mtns. Conservancy | <input type="checkbox"/> S.F. Bay Conservation & Development Comm. |
| <input type="checkbox"/> Coastal Commission | <input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy |
| <input type="checkbox"/> Colorado River Board | <input type="checkbox"/> San Joaquin River Conservancy |
| <input type="checkbox"/> Conservation, Department of | <input type="checkbox"/> Santa Monica Mtns. Conservancy |
| <input type="checkbox"/> Corrections, Department of | <input type="checkbox"/> State Lands Commission |
| <input type="checkbox"/> Delta Protection Commission | <input type="checkbox"/> SWRCB: Clean Water Grants |
| <input type="checkbox"/> Education, Department of | <input type="checkbox"/> SWRCB: Water Quality |
| <input type="checkbox"/> Energy Commission | <input type="checkbox"/> SWRCB: Water Rights |
| <input checked="" type="checkbox"/> Fish & Game Region # 2 | <input type="checkbox"/> Tahoe Regional Planning Agency |
| <input type="checkbox"/> Food & Agriculture, Department of | <input type="checkbox"/> Toxic Substances Control, Department of |
| <input checked="" type="checkbox"/> Forestry and Fire Protection, Department of | <input type="checkbox"/> Water Resources, Department of |
| <input type="checkbox"/> General Services, Department of | |
| <input type="checkbox"/> Health Services, Department of | <input type="checkbox"/> Other: <u>US Army Core of Engineers</u> |
| <input type="checkbox"/> Housing & Community Development | <input type="checkbox"/> Other: <u>Local Tribal Organizations & Utility Districts</u> |
| <input checked="" type="checkbox"/> Native American Heritage Commission | |

Local Public Review Period (to be filled in by lead agency)

Starting Date _____ Ending Date _____

Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: _____
Address: _____	Address: _____
City/State/Zip: _____	City/State/Zip: _____
Contact: _____	Phone: _____
Phone: _____	

Signature of Lead Agency Representative: Mark Roberts Date: June 9 2025

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: _____

Project Title: 36th Avenue Road Rehabilitation Project (Between Phillips and Eureka Avenue)

Lead Agency: City of Clearlake, California

Contact Name: Mark Roberts - Senior Planner

Email: mroberts@clearlake.ca.us Phone Number: 707-994-8201

Project Location: Clearlake County of Lake
City *County*

Project Description (Proposed actions, location, and/or consequences).

The proposed project consists of the rehabilitation/improvement of approximately 600 linear feet of 36th Avenue between Phillips Avenue and Eureka Avenue. The project is intended to improve roadway safety, access, drainage and infrastructure reliability. Key components of the project include: Grading and Earthwork: The roadway will be re-graded to establish a uniform profile and improve drainage. This may involve the importation of up to 500 cubic yards of fill material (may exceed 500 cubic yards if necessary) to raise low points and achieve the desired elevation and slope necessary for proper roadway function and storm water management. The existing roadway will be raised approximately one foot. Roadway Reconstruction: The existing roadway surface will be removed and replaced with new structural sections. This includes the placement of aggregate base rock and a new layer of hot mix asphalt to provide a durable and safe driving surface. Edge treatments, such as paving transitions or shoulders, may be included depending on site conditions. Roadway improvements will adhere to all applicable Federal, State and local agency requirements.

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

Per the Environmental Analysis the following areas may have a a potential significant impacts. These area included Air Quality, Biological Resources, Cultural Resources, Noise and Vibrations and Tribal Cultural Resources. However, all impacts have been reduced to less than significant levels with the incorporated mitigation measures and conditions of approval, such as all equipment must meet Federal, State and local requirements, including but not limited to NESHAP/NSPS for proper maintenance to minimize airborne emissions, record-keeping of all activities, and State Air Toxic Control Measures for CI engines; Construction activities shall be conducted with adequate dust suppression methods, including watering during grading and construction activities to limit the generation of fugitive dust or other methods approved by the Lake County Air Quality Management District. Prior to initiating road rehabilitation efforts, the applicant shall pre-wet affected areas with at least 0.5 gallons of water per square yard of ground area to control dust; Pre-Construction Biological Surveys; All construction activities including engine warm-up shall be limited to weekdays and Saturday, between the hours of 7:00am and 7:00pm to minimize noise impacts on nearby residents; During construction noise levels shall not exceed 65 decibels within fifty (50) feet of any dwellings or transient accommodation between the hours of 7:00 AM and 6:00 PM. This threshold can be increased by the Building Inspector or City Engineer who have approved an exception in accordance with Section 5-4.4(b)(1) of the City Code. An exception of up to 80 decibels may be approved within one hundred (100) feet from the source during daylight hours. Project is expected to result in less than significant impacts regarding noise and vibration.

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

There are no known controversy associated with the project.

Provide a list of the responsible or trustee agencies for the project.

City of Clearlake (Planning, Building, Public Works, Police Department); Lake County Fire Protection, Lake County Air Quality Management District, Lake County Special Districts, Local, Water District and Local Tribal Organizations; Central Valley Regional Water Quality Control Board, CA Department of Fish and Wildlife, and US. Fish and Wildlife.

CEQA Initial Study

IS 2025-01



CITY OF CLEARLAKE

DRAFT ENVIRONMENTAL ANALYSIS (CEQA)

MITIGATED NEGATIVE DECLARATION

36th Avenue Road Rehabilitation Project
(Between Phillips and Eureka Avenue)

June 10th, 2025

CALIFORNIA ENVIRONMENTAL QUALITY ACT ENVIRONMENTAL CHECKLIST FORM INITIAL STUDY

1. **Project Title:** 36th Avenue Road Rehabilitation Project
2. **Permit Numbers:** CEQA Initial Study, IS 2025-01
3. **Lead Agency Name/Address:** City of Clearlake
14050 Olympic Drive
Clearlake, CA 95422
4. **Contact Person:** Mark Roberts – Senior Planner
Email: mroberts@clearlake.ca.us
Phone: (707) 994-8201
5. **Project Location(s):** 36th Avenue between Phillips and Eureka Avenue
6. **Project Sponsor's Name/Address:** City of Clearlake
14050 Olympic Drive
Clearlake, CA 95422
7. **Property Owner(s) Name/Address:** City of Clearlake 14050 Olympic Drive
Clearlake, CA 95422
8. **Average Cross Slope:** Less than 10% cross slope
9. **Earthquake Fault Zone:** Not within a known fault zone
10. **Dam Failure Inundation Area:** Not within a known Dam Failure Inundation Zone
11. **Flood Zone:** FEMA Flood Mapping – Zone D (undetermined)
12. **Waste Management:** Clearlake Waste Solutions
13. **Water Access:** Konocti County Water District
14. **Fire Department:** Lake County Fire Protection District
15. **School District:** Konocti Unified School District

16. Land Use & General Plan Designation: The project itself does not have a specific land use designation due to its focus on the rehabilitation of an existing roadway and drainage, but it is situated within an area designated as Low Density Residential (LDR). The surrounding parcels include a combination of vacant lots and properties developed with single-family residences and accessory structures, consistent with the LDR designation.

17. Description of Project: *(Describe the whole action involved, including but not limited to later phases of the project and any secondary, support, or off-site features necessary for its implementation. Attach additional pages if necessary.)*

The proposed project consists of the rehabilitation/improvement of approximately 600 linear feet of 36th Avenue between Phillips Avenue and Eureka Avenue. The project is intended to improve roadway safety, access, drainage and infrastructure reliability. Key components of the project include:

- **Grading and Earthwork:** The roadway will be re-graded to establish a uniform profile and improve drainage. This may involve the importation of up to 500 cubic yards of fill material (may exceed 500 cubic yards if necessary) to raise low points and achieve the desired elevation and slope necessary for proper roadway function and stormwater management. The existing roadway will be raised approximately one foot.
- **Roadway Reconstruction:** The existing roadway surface will be removed and replaced with new structural sections. This includes the placement of aggregate base rock and a new layer of hot mix asphalt to provide a durable and safe driving surface. Edge treatments, such as paving transitions or shoulders, may be included depending on site conditions. Roadway improvements will adhere to all applicable Federal, State and local agency requirements.
- **Drainage Infrastructure:** To enhance stormwater conveyance and mitigate localized flooding, the project proposes the installation of new drainage features, including culverts, within an existing blue line waterway. Approximately 600 linear feet of the seasonal waterway will be modified to accommodate an enclosed culvert system. This will involve minor dredging and reshaping of the channel to facilitate proper placement of the culverts. Following installation, the area will be backfilled, graveled, and paved to restore surface conditions. Note: The project will not alter or reroute the existing course of the waterway; all improvements will occur within the current channel alignment.

Construction activities will be conducted in compliance with all applicable local, state, and federal regulations, including best management practices (BMPs) for erosion control and stormwater pollution prevention. Temporary traffic control measures will be implemented to ensure the safety of both the public and construction personnel throughout the duration of the project.

18. Environmental Setting: The project site is characterized by relatively flat terrain with a gentle overall slope and an average elevation of approximately 1,458 feet above mean sea level. An existing unpaved and uneven access road (36th Avenue) traverses the site and serves as the primary alignment for the proposed improvements. Adjacent to the project area is Molesworth Creek, a seasonal watercourse that flows southeasterly toward Clearlake, a major regional water body. The presence of this hydrological feature introduces considerations related to site drainage, stormwater management, and environmental permitting.

19. Other Public Agencies Whose Approval is Required: Local Agencies (including but not limited to): City of Clearlake (Planning, Building, Public Works & Police Department), Lake County Fire Protection, Lake County Air Quality Management District, Lake County Special Districts, Local, Water District and Local Tribal Organizations.

20. Federal and State Agencies (including but not limited to): Central Valley Regional Water Quality Control Board, CA Department of Fish and Wildlife, and US. Fish and Wildlife.

21. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1. If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc. *Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21080.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3 (c) contains provisions specific to confidentiality. Summary: Notification of the project was sent to local tribes in accordance with "AB 52" on March 10th, 2025 via email. This legislation allows affiliated tribes to request tribal consultation within 30 days of receiving the notice.*

- *Elem Indian Colony of Pomo Indians:* In accordance with Assembly Bill 52 (AB 52), the City notified the Elem Indian Colony on March 10, 2025, regarding the proposed project. On the same day, the City received a formal written request via email from the Elem Indian Colony to initiate Tribal Consultation pursuant to AB 52. In response, the city is coordinating directly with tribal representatives and holding Tribal Consultation meetings in accordance with State Legislation, including sharing all available documentation and reports.
- *Koi Nation of Northern California:* In accordance with Assembly Bill 52 (AB 52), the City notified the Koi Nation of Northern California on March 10, 2025, regarding the proposed project. On March 19th, 2025, the City received a formal written request via email and by USPS from the Koi Nation of Northern California to initiate Tribal Consultation pursuant to AB 52. In response, the city is coordinating directly with tribal representatives and holding Tribal Consultation meetings in accordance with State Legislation, including sharing all available documentation and reports.

23. Impact Categories defined by CEQA: The following documents are referenced information sources and are incorporated by reference into this document and are available for review upon request of the Community Development Department if they have not already been incorporated by reference into this report:

- City of Clearlake General Plan 2040 (<https://www.clearlake.ca.us/397/Planning-Department>)
- City of Clearlake Zoning Codes (<https://clearlake.municipal.codes/CMC/ChXVIII>)
- U.S.D.A. Lake County Soil Survey
- Important Farmland Map <https://maps.conservation.ca.gov/agriculture/>
- Lake County Serpentine Soil Mapping

- California Natural Diversity Database (<https://www.wildlife.ca.gov/Data/CNDDDB>)
- U.S. Fish and Wildlife Service National Wetlands Inventory
- U.S.G.S. Geologic Map and Structure Sections of the Clear Lake Volcanic, Northern California, Miscellaneous Investigation Series, 1995
- Official Alquist-Priolo Earthquake Fault Zone maps for Lake County
- Landslide Hazards in the Eastern Clear Lake Area, Lake County, California, Landslide Hazard Identification Map No. 16, California Department of Conservation, Division of Mines and Geology, DMG Open –File Report 89-27, 1990
- Hazardous Waste and Substances Sites List: www.envirostor.dtsc.ca.gov/public
- California Department of Forestry and Fire Protection - Fire Hazard Mapping
- National Pollution Discharge Elimination System (NPDES)
- Cal Recycle Solid Waste Information System
<http://www.calrecycle.ca.gov/SWFacilities/Directory/Search.aspx>
- Biological and Wetland Delineation Assessment (dated May 2025) Prepared by HSN.
- Archaeological Report, prepared by Dr. Greg White
- Written comments received from public agencies.
 - *CA Central Valley Regional Water Quality Control Board*
 - *CA Department of Fish and Wildlife*
 - *Koi Nation of Northern CA*
 - *Lake County Special Districts*
 - *Northwest Information Center*
 - *Elem Colony*
- Site Visits

24. Figures:

- *Figure 1: Regional Project Map*
- *Figure 2: 36th Avenue Road Rehabilitation Location Map*
- *Figure 2: Site Photographs*

SEE THE NEXT PAGE

Figure 1: Regional Project Map



36th Avenue Road Rehabilitation Project

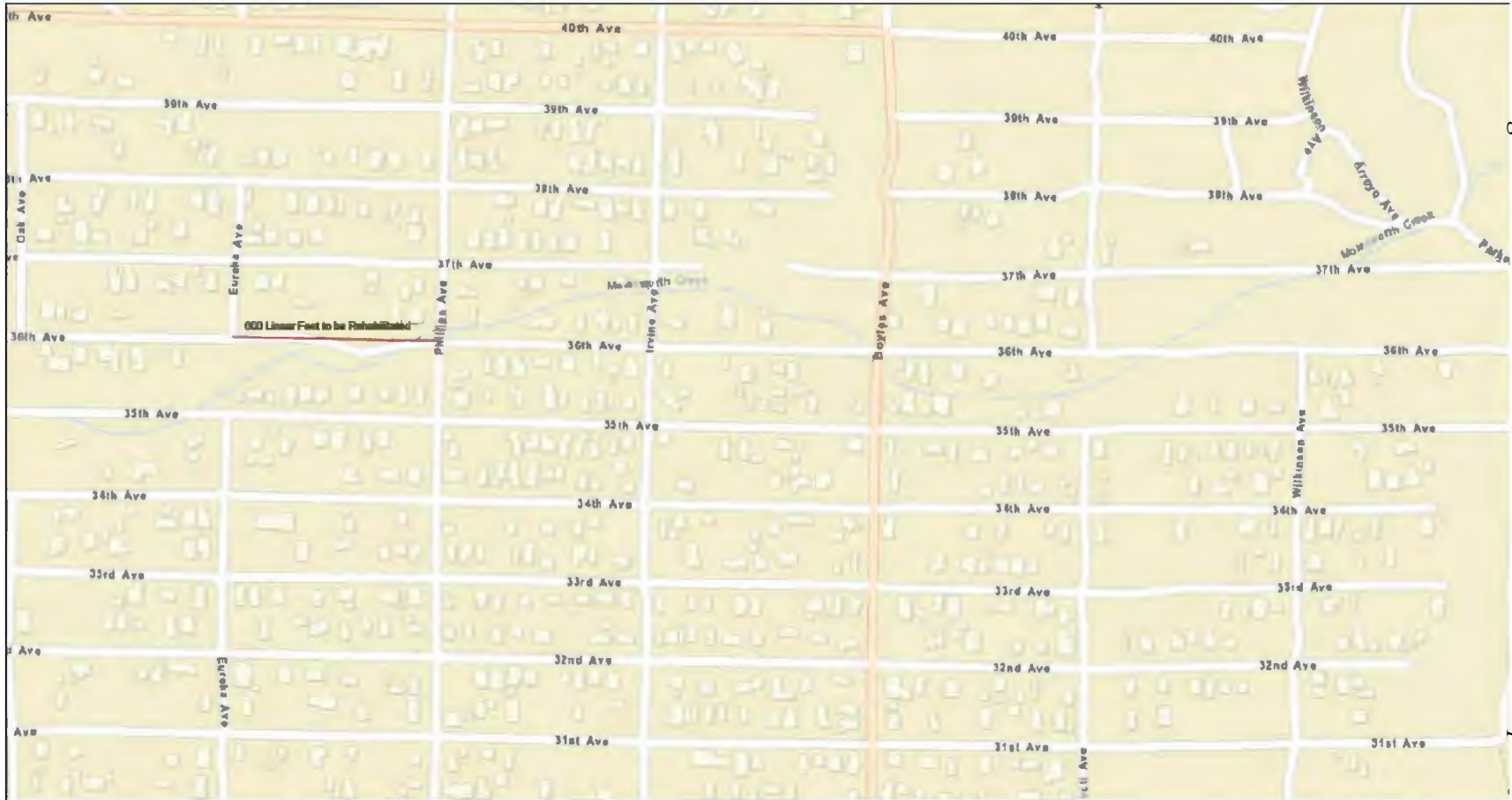
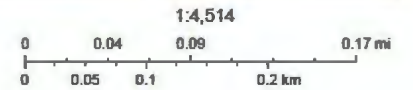


Figure 2: 36th Avenue Road Rehabilitation Location Map

5/19/2025, 5:04:03 PM

City Boundary



Lake County, CA, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Figure 3: Site Photographs



Photo 1. 36th Avenue looking west from Phillips Avenue toward Eureka Avenue with Molesworth Creek on right side of photo.



Photo 2. 36th Avenue looking east from Eureka Avenue toward Phillips Avenue. Molesworth Creek culvert will be located approximately midpoint between Eureka and Phillips Avenues at low point in road.



Photo 3. Approximate midpoint of 36th Avenue (see also Photo 2) where Molesworth Creek goes from the north side of 36th Avenue to the south side.

Environmental Factors Effected: The environmental sections checked below would be potentially affected by this project in an adverse manner, including at least one environmental issue/significance criteria that is “potentially significant impacts” as indicated by the analysis in the following evaluation of environmental impacts.

<input type="checkbox"/>	Aesthetics	<input type="checkbox"/>	Greenhouse Gas Emissions	<input type="checkbox"/>	Public Services
<input type="checkbox"/>	Agriculture & Forestry Resources	<input type="checkbox"/>	Hazards & Hazardous Materials	<input type="checkbox"/>	Recreation
<input checked="" type="checkbox"/>	Air Quality	<input type="checkbox"/>	Hydrology / Water Quality	<input type="checkbox"/>	Transportation
<input checked="" type="checkbox"/>	Biological Resources	<input type="checkbox"/>	Land Use / Planning	<input checked="" type="checkbox"/>	Tribal Cultural Resources
<input checked="" type="checkbox"/>	Cultural Resources	<input type="checkbox"/>	Mineral Resources	<input type="checkbox"/>	Utilities / Service Systems
<input type="checkbox"/>	Energy	<input checked="" type="checkbox"/>	Noise & Vibration	<input type="checkbox"/>	Wildfire
<input type="checkbox"/>	Geology / Soils	<input type="checkbox"/>	Population / Housing	<input checked="" type="checkbox"/>	Mandatory Findings of Significance

DETERMINATION: (To be completed by the lead Agency)

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.**
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Prepared By: Mark Roberts

Title: Senior Planner

Signature: 

Date: June 10th, 2025

**Alan Flora – City Manager
City of Clearlake, California**

SECTION 1 - EVALUATION OF ENVIRONMENTAL IMPACTS:

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

- 3) Once the lead agency has determined that a particular physical impact may occur, and then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant with Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures, which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
 - a) The significance criteria or threshold, if any, used to evaluate each question; and
 - b) The mitigation measure identified, if any, to reduce the impact to less than significance

IMACT CATEGORIES KEY:

- **1 = Potentially Significant Impact**
- **2 = Less Than Significant with Mitigation Incorporation**
- **3 = Analyzed in Prior EIR**
- **4 = Substantially Mitigated by Uniformly Applicable Development Policies/Standards**
- **5 = Less Than Significant Impact**
- **6 = No Impact**

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
SECTION I. AESTHETICS <i>Except as provided in Public Resources Code Section 21099, would the project:</i>							
a) Have a substantial adverse effect on a scenic vista that is visible from a City scenic corridor?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	According to the City of Clearlake's 2040 General Plan, scenic resources within the city include public parks, panoramic views from those parks, designated scenic corridors such as Lakeshore Drive, and views of prominent natural features including Clear Lake, Borax Lake, and Anderson Marsh Historic State Park. In addition, State Route 53 (SR 53) is identified as a potential scenic resource and is considered eligible for designation as a State Scenic Highway, although it has not received official designation to date. The project roadway segment is situated over 1,700 feet from SR 53 and lies outside any designated or eligible scenic corridors identified in the General Plan. Furthermore, the project site is not located within or adjacent to any parks, open space areas, or other visually sensitive viewpoints recognized for their scenic value. No Impact.
b) Substantially damage scenic resources that is visible from a City Corridor, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project will not result in substantial damage to scenic resources visible from a designated City scenic corridor. Such resources may include, but are not limited to, mature trees, prominent rock outcroppings, or historic buildings located within view of a State Scenic Highway. There are no identified scenic highways, historic structures, or notable natural features such as rock outcroppings located on or near the project site. Furthermore, State Route 53, which is the only roadway in the vicinity eligible for State Scenic Highway designation, has not been officially designated and is located more than 1,700 feet from the project site. Due to this distance and topography, the project is not visible from any recognized scenic highway or corridor. No Impact
c) Conflict with applicable General Plan policies or zoning regulations governing scenic quality.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project does not have a specific land use or General Plan Designation, as it involves the rehabilitation of an existing roadway (36th Avenue within a predominantly residential area). The project does not propose new development or land use changes and is confined to existing public right-of-way. As such, the project will not conflict with any goals, policies, or zoning regulations outlined in the City of Clearlake's General Plan or Municipal Code. No Impact.
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The proposed project will not introduce a new permanent source of substantial light or glare that could adversely affect daytime or nighttime views in the area. The project scope does not include the installation of permanent street lighting or reflective surfaces that could result in long-term visual impacts. Temporary increases in lighting may occur during construction activities, particularly in staging areas or during nighttime work, and may involve the use of lighting on construction equipment for workers and public safety. However, these temporary lighting sources are short-term in nature and will be managed in accordance with federal, state, and local regulations, including industry-recognized standards such as those promoted by darkskys.org. Given the temporary nature of construction lighting and the implementation of appropriate controls and best management practices to reduce light pollution, the project would not result in a significant new source of light or glare. Less Than Significant.
SECTION II. AGRICULTURE AND FORESTRY RESOURCES <i>In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest protocols adopted by the California Air Resources Board.</i> <i>Would the project</i>							
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	According to the California Department of Conservation's Farmland Mapping and Monitoring Program (FMMP), the project site is designated as "Urban and Built-Up Land" (https://maps.conservation.ca.gov/DLRP/CIFF/). This classification applies to areas occupied by structures, roads, and other urban uses, and it does not include lands considered Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. As the project involves the rehabilitation of an existing roadway within a developed residential area, it will not result in the conversion of agricultural lands, either on-site or on adjacent parcels. Furthermore, the site is not subject to a Williamson Act Contract. No Impact.

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
the California Resources Agency, to non-agricultural use?							
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project site is not zoned for agricultural use and is not under a Williamson Act Contract or any other agricultural land use agreement. The site is located within a residentially developed area and is designated as Urban and Built-Up Land under the California Department of Conservation's Farmland Mapping and Monitoring Program. No Impact.
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project will not conflict with existing zoning regulations and does not require the rezoning of forest land, as defined in Public Resources Code Section 12220(g), timberland as defined in Public Resources Code Section 4526, or lands within a Timberland Production Zone (TPZ) as defined in Government Code Section 51104(g). The project site is located within an urbanized residential area and does not contain forest land, timberland, or land designated for timber production. As such, the proposed roadway rehabilitation will not result in any impacts to forestry resources or land use zoning related to timber or forest lands. No Impact.
d) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project will not introduce changes to the existing environment that, due to their location or nature, could lead to the conversion of Farmland to non-agricultural use or forest land to non-forest use. The project is located within an existing roadway corridor classified as Urban and Built-Up Land, and it is not adjacent to any active agricultural operations or forested areas. As detailed in Sections 2a and 2b above, the site is not designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, nor is it zoned for agricultural, or forestry uses. No Impact.

SECTION III. AIR QUALITY

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations.

Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The project site is located within the Lake County Air Basin (LCAB), which is regulated under both the Federal Clean Air Act and the California Clean Air Act. These acts require the control and reduction of air pollutants through the establishment of ambient air quality standards for specific criteria pollutants, including ozone (O₃), particulate matter (PM₁₀ and PM_{2.5}), carbon monoxide (CO), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and lead (Pb). The U.S. Environmental Protection Agency (USEPA) and the California Air Resources Board (CARB) are responsible for setting and enforcing these standards. The Lake County Air Basin is one of only nine air basins in California that have never exceeded the federal ozone standard. It is also the only air basin in the state that consistently meets standards for visibility-reducing particles, which reflects its relatively clean air quality. The City of Clearlake, located within the LCAB, is currently in attainment for all State and Federal Ambient Air Quality Standards. As such, air quality conditions in the project area are generally considered good, and the region is not subject to additional regulatory oversight typically required for non-attainment areas</p> <p>As a result, the proposed project will not result in air quality impacts that exceed the thresholds established by the Bay Area Air Quality Management District (BAAQMD). In 2008, CARB released a summary of estimated annual average emissions rates in the LCAB, covering stationary, area-wide, and mobile sources. Key findings include but are not limited to:</p> <ul style="list-style-type: none"> The primary stationary source of total organic gas (TOG) emissions was identified as electric fuel combustion.
---	--------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
							<ul style="list-style-type: none"> • Carbon monoxide (CO) emissions primarily stemmed from mobile sources, with motorized boats and light-duty vehicles accounting for two-thirds of mobile-source CO emissions and half of the total CO emissions in the Air Basin. • Particulate matter (PM) emissions were largely attributed to unpaved road travel within the county, accounting for the highest contributions to area-wide PM. • Recreational boats were the primary mobile source of TOG emissions, while solvent evaporation from consumer products was the largest area-wide source. <p>Local air districts, including the Lake County Air Quality Management District (LCAQMD), and CARB monitor ambient air quality and develop strategies to ensure compliance with air quality standards. While the LCAQMD does not have a formal air quality management plan, it relies on BAAQMD Guidelines for evaluating significance thresholds. However, these thresholds are used as general guidance and are not formally adopted, with the determination of significance levels left to individual agencies. During construction, road rehabilitation activities may temporarily generate dust and Toxic Air Contaminants (TAC), such as emissions from on-road haul trucks and off-road equipment. These emissions are short-term and limited compared to the operational lifespan and use of 36th Avenue. Based on the analysis following methodologies outlined in the BAAQMD Guidelines, construction and operational emissions were evaluated separately.</p> <p>To ensure air quality impacts remain "Less Than Significant" during project implementation, the following mitigation measures, AIR-1 through AIR-5, have been incorporated. For detailed information, refer to Response Section III(a).</p> <p><u>Mitigation measures:</u></p> <p>AIR 1: Construction activities shall be conducted with adequate dust suppression methods, including watering during grading and construction activities to limit the generation of fugitive dust or other methods approved by the Lake County Air Quality Management District. Prior to initiating road rehabilitation efforts, the applicant shall pre-wet affected areas with at least 0.5 gallons of water per square yard of ground area to control dust.</p> <p>AIR -2: All portable equipment with a rating of 50 horsepower or more must have either a valid District Permit to Operate (PTO) or a valid statewide Portable Equipment Registration Program (PERP) placard and sticker issued by CARB.</p> <p>AIR-3: If applicable, any vegetation removed during lot clearing shall be disposed of in accordance with applicable laws, preferably through chipping and composting, or as otherwise authorized by the Lake County Air Quality Management District and the Lake County Fire Protection District.</p> <p>AIR - 4: If construction or site activities are conducted within Serpentine soil, a Serpentine Control Permit/Plan must be obtained from the Lake County Air Quality Management District. Approval shall be secured prior to the commencement of construction.</p> <p>AIR-5: All equipment must meet Federal, State and local requirements, including but not limited to NESHAP/NSPS for proper maintenance to minimize airborne emissions, record-keeping of all activities, and State Air Toxic Control Measures for CI engines.</p>
b) Result in a cumulatively considerable net increase of ROC and/or NOx emissions??	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Response to Section III(a). All potential impacts have been reduced to less than Significant Impacts with the incorporated Mitigation Measures AIR-1 through AIR-5.

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>Sensitive receptors are facilities or land uses that serve populations especially vulnerable to the effects of air pollutants, such as children, the elderly, residential areas, and individuals with preexisting health conditions. According to the California Air Resources Board (CARB), sensitive groups most impacted by air pollution include but are not limited to; the elderly (over 65), children (under 14), , and individuals with chronic illnesses.</p> <p>The proposed project has no stationary sources of emissions associated with its operations, nor would it attract mobile sources that require long periods of idling or queuing. As such, onsite emissions during construction are expected to be temporary and localized, with no significant concentrations of pollutants affecting nearby sensitive receptors.</p> <p>Another potential air quality concern during construction activities is the airborne entrainment of asbestos due to soil disturbance. However, the project site is not located within any area identified by the State of California as likely to contain naturally occurring asbestos. Therefore, road rehabilitation activities would not result in increased exposure of sensitive receptors to asbestos or other pollutants.</p> <p>To further minimize potential impacts, precautionary measures have been incorporated, reducing impacts to less-than-significant levels. Mitigation Measures AIR-1 through AIR-5 address these concerns and ensure compliance. For detailed information, refer to Response Section III(a).</p>
d) Result in other emissions that create objectionable odors adversely affecting a substantial number of people?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>During construction, the proposed project may generate temporary and localized odors, primarily associated with diesel exhaust, asphalt application, and other construction-related activities. These odors are expected to be confined to the immediate vicinity of the construction site and will dissipate quickly as they are diluted in the atmosphere and carried downwind.</p> <p>Importantly, the project site does not contain natural topographic features, such as canyon walls, or manmade obstructions, such as tall buildings, that could trap or concentrate emissions. As a result, any odors generated during construction are anticipated to occur at levels unlikely to affect a substantial number of people.</p> <p>To further reduce any potential for nuisance impacts, the project includes implementation of Mitigation Measures AIR-1 through AIR-5, which are designed to minimize construction-related emissions, including odors. These measures are outlined in Response Section III(a) and incorporate best management practices for equipment maintenance, materials handling, and emissions control.</p> <p>Therefore, with the incorporation of these mitigation measures, potential odor impacts would be Less Than Significant.</p>

SECTION IV. BIOLOGICAL RESOURCES

Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>A Biological, Botanical, and Wetland Delineation Analysis, dated May 7, 2025, was prepared by SHN for the 36th Avenue Road Rehabilitation Project in Lake County, California. The project involves the rehabilitation and improvement of approximately 600 linear feet of existing roadway, extending between Phillips Avenue and Eureka Avenue, and includes portions of Molesworth Creek, a Class III drainage feature. The primary goals of the project are to enhance roadway safety, improve local access, increase stormwater conveyance capacity, and strengthen the reliability of infrastructure within this residential area.</p> <p>The purpose of the Biological, Botanical, and Wetland Delineation Analysis is to provide the supporting documentation necessary for the city to move forward with the project while minimizing or avoiding potential impacts to special status species and sensitive habitats. As part of the assessment and prior to conducting the on-site reconnaissance survey, several biological and environmental databases were reviewed to identify known occurrences of special status species and sensitive plant communities</p>
--	--------------------------	-------------------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>																																																																				
							<p>within the project area, which is in the Lower Lake 7.5-minute quadrangle and its surrounding quadrangles. The databases queried include but are not limited to:</p> <ul style="list-style-type: none"> The U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC). The USFWS National Wetland Inventory (NWI). The National Marine Fisheries Service (NMFS) West Coast Region California Species List. The California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDDB). <p>Survey Methods and Field Reviews Summary: On May 1, 2025, SHN Senior Biologist Warren Mitchell conducted a pre-construction environmental, biological, and wetland delineation field investigation at the project site. The on-site survey was guided by the previously compiled data on Federal and State special status species potentially occurring within the area. The primary objectives of this initial field survey were to:</p> <ul style="list-style-type: none"> Identify the presence of special status species within or directly adjacent to the project study area, Assess the presence of suitable habitat for these species, Evaluate the potential impacts of proposed project activities on special status species and their habitats, and Pay particular attention to habitat along Molesworth Creek, focusing on the potential occurrence of special status plant species and indicators of wetland conditions within the proposed construction corridor. <p>Results – Existing Conditions: 36th Avenue is currently an unpaved roadway that functions as a secondary transportation route for residents in the surrounding area. The project site, located within a residential neighborhood, features a mosaic of gray pines, deciduous trees, brushes, and small open grassy areas typically found on undeveloped lots.</p> <p>Table 1 - Provides a consolidated list of special status wildlife and plant species with the potential to occur in the project vicinity, based on data from the California Natural Diversity Database (CNDDDB) and the U.S. Fish and Wildlife Service’s IPaC system.</p> <p>The CNDDDB list also includes plant species with a California Rare Plant Rank, all of which are reflected in Table 1. Additionally, the National Marine Fisheries Service (NMFS) Species List identifies the potential presence of anadromous salmonid species, as well as designated Endangered Species Act (ESA) Anadromous Fish Critical Habitat and Essential Fish Habitat within the project area.</p> <p>Table 1 Special Status Species with Potential to Occur within Project Area</p> <table border="1" data-bbox="721 1356 1528 1875"> <thead> <tr> <th>Scientific Name</th> <th>Common Name</th> <th>Status</th> <th>Suitable Habitat Presence</th> </tr> </thead> <tbody> <tr> <td colspan="4">Amphibians</td> </tr> <tr> <td><i>Dicamptodon ensatus</i></td> <td>Calif. giant salamander</td> <td>CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td><i>Rana boylei (pop.1)</i></td> <td>Foothill yellow-legged frog</td> <td>CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td><i>Taricha rivularis</i></td> <td>Red-bellied newt</td> <td>CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td colspan="4">Birds</td> </tr> <tr> <td><i>Aquila chrysaetos</i></td> <td>Golden eagle</td> <td>CDFW - FP, WL</td> <td>Absent</td> </tr> <tr> <td><i>Haliaeetus leucocephalus</i></td> <td>Bald Eagle</td> <td>Fed. - Delisted, St. - Endangered CDFW - FP</td> <td>Absent</td> </tr> <tr> <td><i>Coccyzus americanus occidentalis</i></td> <td>Western Yellow-billed cuckoo</td> <td>Fed. - T, St. - E</td> <td>Absent</td> </tr> <tr> <td><i>Falco mexicanus</i></td> <td>Prairie Falcon</td> <td>CDFW - WL</td> <td>Absent</td> </tr> <tr> <td><i>Strix occidentalis caurina</i></td> <td>Northern spotted owl</td> <td>Fed. - T, St. - T</td> <td>Absent</td> </tr> <tr> <td><i>Progne subis</i></td> <td>Purple martin</td> <td>CDFW - SSC</td> <td>Present</td> </tr> <tr> <td><i>Pandion haliaetus</i></td> <td>Osprey</td> <td>CDFW - WL</td> <td>Absent</td> </tr> <tr> <td><i>Athene cunicularia</i></td> <td>Burrowing Owl</td> <td>St. - Cand. E. CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td colspan="4">Fish</td> </tr> <tr> <td><i>Archoplites interruptus</i></td> <td>Sacramento Perch</td> <td>CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td><i>Cottus asper ssp.</i></td> <td>Clear Lake Prickly Sculpin</td> <td>CDFW - SSC</td> <td>Absent</td> </tr> </tbody> </table>	Scientific Name	Common Name	Status	Suitable Habitat Presence	Amphibians				<i>Dicamptodon ensatus</i>	Calif. giant salamander	CDFW - SSC	Absent	<i>Rana boylei (pop.1)</i>	Foothill yellow-legged frog	CDFW - SSC	Absent	<i>Taricha rivularis</i>	Red-bellied newt	CDFW - SSC	Absent	Birds				<i>Aquila chrysaetos</i>	Golden eagle	CDFW - FP, WL	Absent	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Fed. - Delisted, St. - Endangered CDFW - FP	Absent	<i>Coccyzus americanus occidentalis</i>	Western Yellow-billed cuckoo	Fed. - T, St. - E	Absent	<i>Falco mexicanus</i>	Prairie Falcon	CDFW - WL	Absent	<i>Strix occidentalis caurina</i>	Northern spotted owl	Fed. - T, St. - T	Absent	<i>Progne subis</i>	Purple martin	CDFW - SSC	Present	<i>Pandion haliaetus</i>	Osprey	CDFW - WL	Absent	<i>Athene cunicularia</i>	Burrowing Owl	St. - Cand. E. CDFW - SSC	Absent	Fish				<i>Archoplites interruptus</i>	Sacramento Perch	CDFW - SSC	Absent	<i>Cottus asper ssp.</i>	Clear Lake Prickly Sculpin	CDFW - SSC	Absent
Scientific Name	Common Name	Status	Suitable Habitat Presence																																																																								
Amphibians																																																																											
<i>Dicamptodon ensatus</i>	Calif. giant salamander	CDFW - SSC	Absent																																																																								
<i>Rana boylei (pop.1)</i>	Foothill yellow-legged frog	CDFW - SSC	Absent																																																																								
<i>Taricha rivularis</i>	Red-bellied newt	CDFW - SSC	Absent																																																																								
Birds																																																																											
<i>Aquila chrysaetos</i>	Golden eagle	CDFW - FP, WL	Absent																																																																								
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Fed. - Delisted, St. - Endangered CDFW - FP	Absent																																																																								
<i>Coccyzus americanus occidentalis</i>	Western Yellow-billed cuckoo	Fed. - T, St. - E	Absent																																																																								
<i>Falco mexicanus</i>	Prairie Falcon	CDFW - WL	Absent																																																																								
<i>Strix occidentalis caurina</i>	Northern spotted owl	Fed. - T, St. - T	Absent																																																																								
<i>Progne subis</i>	Purple martin	CDFW - SSC	Present																																																																								
<i>Pandion haliaetus</i>	Osprey	CDFW - WL	Absent																																																																								
<i>Athene cunicularia</i>	Burrowing Owl	St. - Cand. E. CDFW - SSC	Absent																																																																								
Fish																																																																											
<i>Archoplites interruptus</i>	Sacramento Perch	CDFW - SSC	Absent																																																																								
<i>Cottus asper ssp.</i>	Clear Lake Prickly Sculpin	CDFW - SSC	Absent																																																																								

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.																																																																																																																																
							<p>Table 1 Special Status Species with Potential to Occur within Project Area</p> <table border="1"> <thead> <tr> <th>Scientific Name</th> <th>Common Name</th> <th>Status</th> <th>Suitable Habitat Present</th> </tr> </thead> <tbody> <tr> <td><i>Hesperoleucis venustus</i> x <i>H. symmetricus</i></td> <td>Clear Lake Roach</td> <td>CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td><i>Lavinia exilicauda chi</i></td> <td>Clear Lake Hitch</td> <td>Fed. - PT, St. - Cand. E.</td> <td>Absent</td> </tr> <tr> <td><i>Hysteroleucis traskii lagunae</i></td> <td>Clear Lake Tule Perch</td> <td>CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td><i>Onchorynchus mykiss indeus</i> (pop.β)</td> <td>Steelhead (Central. Cal. Coast DPS)</td> <td>Fed. - T, CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td colspan="4">Mammals</td> </tr> <tr> <td><i>Pekania pennanti</i></td> <td>Fisher (W. Coast DPS)</td> <td>CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td><i>Taxidea taxus</i></td> <td>American badger</td> <td>CDFW - SSC</td> <td>Low</td> </tr> <tr> <td><i>Antrozous pallidus</i></td> <td>Pallid bat</td> <td>CDFW - SSC</td> <td>Moderate</td> </tr> <tr> <td><i>Lasiurus cinereus</i></td> <td>Western red bat</td> <td>CDFW - SSC</td> <td>Moderate</td> </tr> <tr> <td><i>Corynorhinus townsendii</i></td> <td>Townsend's big-eared bat</td> <td>CDFW - SSC</td> <td>Moderate</td> </tr> <tr> <td colspan="4">Reptiles</td> </tr> <tr> <td><i>Emys marmorata</i></td> <td>Western pond turtle</td> <td>Fed. PT CDFW - SSC</td> <td>Absent</td> </tr> <tr> <td colspan="4">Crustaceans</td> </tr> <tr> <td colspan="4">Insects</td> </tr> <tr> <td><i>Bombus crotchii</i></td> <td>Crotchs bumble bee</td> <td>St. - CE</td> <td>Moderate</td> </tr> <tr> <td><i>Bombus occidentalis</i></td> <td>Western bumble bee</td> <td>St. - CE</td> <td>Moderate</td> </tr> <tr> <td colspan="4">Plants</td> </tr> <tr> <td><i>Eryngium constancei</i></td> <td>Loch Lomond button celery</td> <td>Fed. - E, St. - E CRPR - 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Lomatium hooveri</i></td> <td>Hoovers lomatium</td> <td>CRPR - 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Lomatium repostum</i></td> <td>Napa lomatium</td> <td>CRPR - 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Asclepias solanoana</i></td> <td>Serpentine milkweed</td> <td>CRPR - 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Balsamorhiza macrolepis</i></td> <td>Big-scale balsamroot</td> <td>CRPR - 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Centromadia parryi ssp. parryi</i></td> <td>Pappose tarplant</td> <td>CRPR - 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Centromadia parryi ssp. rudis</i></td> <td>Parrys rough tarplant</td> <td>CRPR - 4.2</td> <td>Low</td> </tr> <tr> <td><i>Erigeron greenei</i></td> <td>Greenes narrow-leaved daisy</td> <td>CRPR - 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Lasthenia burkei</i></td> <td>Burkes goldfields</td> <td>Fed. - E, St. - E CRPR - 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Harmonia hallii</i></td> <td>Halls harmonia</td> <td>CRPR - 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Hemizonia congesta ssp. calyculata</i></td> <td>Mendocino tarplant</td> <td>CRPR - 4.3</td> <td>Low</td> </tr> <tr> <td><i>Lasthenia burkei</i></td> <td>Burke's goldfield</td> <td>Fed. - E</td> <td>Absent</td> </tr> <tr> <td><i>Layia serpenrionalis</i></td> <td>Colusa layia</td> <td>CRPR - 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Senecio clevelandii var. clevelandii</i></td> <td>Cleveland's ragwort</td> <td>CRPR - 4.3</td> <td>Absent</td> </tr> </tbody> </table>	Scientific Name	Common Name	Status	Suitable Habitat Present	<i>Hesperoleucis venustus</i> x <i>H. symmetricus</i>	Clear Lake Roach	CDFW - SSC	Absent	<i>Lavinia exilicauda chi</i>	Clear Lake Hitch	Fed. - PT, St. - Cand. E.	Absent	<i>Hysteroleucis traskii lagunae</i>	Clear Lake Tule Perch	CDFW - SSC	Absent	<i>Onchorynchus mykiss indeus</i> (pop.β)	Steelhead (Central. Cal. Coast DPS)	Fed. - T, CDFW - SSC	Absent	Mammals				<i>Pekania pennanti</i>	Fisher (W. Coast DPS)	CDFW - SSC	Absent	<i>Taxidea taxus</i>	American badger	CDFW - SSC	Low	<i>Antrozous pallidus</i>	Pallid bat	CDFW - SSC	Moderate	<i>Lasiurus cinereus</i>	Western red bat	CDFW - SSC	Moderate	<i>Corynorhinus townsendii</i>	Townsend's big-eared bat	CDFW - SSC	Moderate	Reptiles				<i>Emys marmorata</i>	Western pond turtle	Fed. PT CDFW - SSC	Absent	Crustaceans				Insects				<i>Bombus crotchii</i>	Crotchs bumble bee	St. - CE	Moderate	<i>Bombus occidentalis</i>	Western bumble bee	St. - CE	Moderate	Plants				<i>Eryngium constancei</i>	Loch Lomond button celery	Fed. - E, St. - E CRPR - 1B.1	Absent	<i>Lomatium hooveri</i>	Hoovers lomatium	CRPR - 4.3	Absent	<i>Lomatium repostum</i>	Napa lomatium	CRPR - 4.2	Absent	<i>Asclepias solanoana</i>	Serpentine milkweed	CRPR - 4.2	Absent	<i>Balsamorhiza macrolepis</i>	Big-scale balsamroot	CRPR - 1B.2	Absent	<i>Centromadia parryi ssp. parryi</i>	Pappose tarplant	CRPR - 1B.2	Low	<i>Centromadia parryi ssp. rudis</i>	Parrys rough tarplant	CRPR - 4.2	Low	<i>Erigeron greenei</i>	Greenes narrow-leaved daisy	CRPR - 1B.2	Absent	<i>Lasthenia burkei</i>	Burkes goldfields	Fed. - E, St. - E CRPR - 1B.1	Absent	<i>Harmonia hallii</i>	Halls harmonia	CRPR - 1B.2	Low	<i>Hemizonia congesta ssp. calyculata</i>	Mendocino tarplant	CRPR - 4.3	Low	<i>Lasthenia burkei</i>	Burke's goldfield	Fed. - E	Absent	<i>Layia serpenrionalis</i>	Colusa layia	CRPR - 1B.2	Low	<i>Senecio clevelandii var. clevelandii</i>	Cleveland's ragwort	CRPR - 4.3	Absent
Scientific Name	Common Name	Status	Suitable Habitat Present																																																																																																																																				
<i>Hesperoleucis venustus</i> x <i>H. symmetricus</i>	Clear Lake Roach	CDFW - SSC	Absent																																																																																																																																				
<i>Lavinia exilicauda chi</i>	Clear Lake Hitch	Fed. - PT, St. - Cand. E.	Absent																																																																																																																																				
<i>Hysteroleucis traskii lagunae</i>	Clear Lake Tule Perch	CDFW - SSC	Absent																																																																																																																																				
<i>Onchorynchus mykiss indeus</i> (pop.β)	Steelhead (Central. Cal. Coast DPS)	Fed. - T, CDFW - SSC	Absent																																																																																																																																				
Mammals																																																																																																																																							
<i>Pekania pennanti</i>	Fisher (W. Coast DPS)	CDFW - SSC	Absent																																																																																																																																				
<i>Taxidea taxus</i>	American badger	CDFW - SSC	Low																																																																																																																																				
<i>Antrozous pallidus</i>	Pallid bat	CDFW - SSC	Moderate																																																																																																																																				
<i>Lasiurus cinereus</i>	Western red bat	CDFW - SSC	Moderate																																																																																																																																				
<i>Corynorhinus townsendii</i>	Townsend's big-eared bat	CDFW - SSC	Moderate																																																																																																																																				
Reptiles																																																																																																																																							
<i>Emys marmorata</i>	Western pond turtle	Fed. PT CDFW - SSC	Absent																																																																																																																																				
Crustaceans																																																																																																																																							
Insects																																																																																																																																							
<i>Bombus crotchii</i>	Crotchs bumble bee	St. - CE	Moderate																																																																																																																																				
<i>Bombus occidentalis</i>	Western bumble bee	St. - CE	Moderate																																																																																																																																				
Plants																																																																																																																																							
<i>Eryngium constancei</i>	Loch Lomond button celery	Fed. - E, St. - E CRPR - 1B.1	Absent																																																																																																																																				
<i>Lomatium hooveri</i>	Hoovers lomatium	CRPR - 4.3	Absent																																																																																																																																				
<i>Lomatium repostum</i>	Napa lomatium	CRPR - 4.2	Absent																																																																																																																																				
<i>Asclepias solanoana</i>	Serpentine milkweed	CRPR - 4.2	Absent																																																																																																																																				
<i>Balsamorhiza macrolepis</i>	Big-scale balsamroot	CRPR - 1B.2	Absent																																																																																																																																				
<i>Centromadia parryi ssp. parryi</i>	Pappose tarplant	CRPR - 1B.2	Low																																																																																																																																				
<i>Centromadia parryi ssp. rudis</i>	Parrys rough tarplant	CRPR - 4.2	Low																																																																																																																																				
<i>Erigeron greenei</i>	Greenes narrow-leaved daisy	CRPR - 1B.2	Absent																																																																																																																																				
<i>Lasthenia burkei</i>	Burkes goldfields	Fed. - E, St. - E CRPR - 1B.1	Absent																																																																																																																																				
<i>Harmonia hallii</i>	Halls harmonia	CRPR - 1B.2	Low																																																																																																																																				
<i>Hemizonia congesta ssp. calyculata</i>	Mendocino tarplant	CRPR - 4.3	Low																																																																																																																																				
<i>Lasthenia burkei</i>	Burke's goldfield	Fed. - E	Absent																																																																																																																																				
<i>Layia serpenrionalis</i>	Colusa layia	CRPR - 1B.2	Low																																																																																																																																				
<i>Senecio clevelandii var. clevelandii</i>	Cleveland's ragwort	CRPR - 4.3	Absent																																																																																																																																				

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>																																																																																																																																												
							<p>Table 1 Special Status Species with Potential to Occur within Project Area</p> <table border="1"> <thead> <tr> <th>Scientific Name</th> <th>Common Name</th> <th>Status</th> <th>Suitable Habitat Presence</th> </tr> </thead> <tbody> <tr> <td><i>Amsinckia lunaris</i></td> <td>Bent-flowered fiddleneck</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Cryptantha excavata</i></td> <td>Deep-scarred cryptantha</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Cryptantha dissita</i></td> <td>Serpentine cryptantha</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Arabis modesta</i></td> <td>Modest rockcrest</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i></td> <td>Socrates mine jewelflower</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Streptanthus brachiatus</i> ssp. <i>Hoffmanii</i></td> <td>Freeds jewelflower</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Streptanthus hesperidis</i></td> <td>Green jewelflower</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Streptanthus morrisonii</i> ssp. <i>kruckebergii</i></td> <td>Kruckebergs jewelflower</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Arctostaphylos manzanita</i> ssp. <i>elegans</i></td> <td>Konocti manzanita</td> <td>CRPR – 1B.3</td> <td>Low</td> </tr> <tr> <td><i>Arctostaphylos stanfordiana</i> ssp. <i>raichei</i></td> <td>Raiches manzanita</td> <td>RPR – 1B.1</td> <td>Low</td> </tr> <tr> <td><i>Thelypodium brachycarpum</i></td> <td>Short-podded thelypodium</td> <td>CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Brasenia schreberi</i></td> <td>watershield</td> <td>CRPR – 2B.3</td> <td>Absent</td> </tr> <tr> <td><i>Downingia willamettensis</i></td> <td>Cascade downingia</td> <td>CRPR – 2B.2</td> <td>Absent</td> </tr> <tr> <td><i>Legenere limosa</i></td> <td>legenere</td> <td>CRPR – 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Viburnum ellipticum</i></td> <td>Oval-leaved viburnum</td> <td>CRPR – 2B.3</td> <td>Absent</td> </tr> <tr> <td><i>Extriplex joaquinana</i></td> <td>San Joaquin spearscale</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Calystegia collina</i> ssp. <i>oxyphylla</i></td> <td>Mt. St. Helena morning-glory</td> <td>CRPR – 4.2</td> <td>Low</td> </tr> <tr> <td><i>Calystegia collina</i> ssp. <i>tridactylosa</i></td> <td>Three-fingered morning-glory</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Sedella leiocarpa</i></td> <td>Lake County stonecrop</td> <td>CRPR – 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Carex praticola</i></td> <td>Northern meadow hedge</td> <td>CRPR – 2B.2</td> <td>Absent</td> </tr> <tr> <td><i>Equisetum palustre</i></td> <td>Marsh horsetail</td> <td>CRPR – 3</td> <td>Absent</td> </tr> <tr> <td><i>Astragalus breweri</i></td> <td>Brewers milk-vetch</td> <td>CRPR – 4.2</td> <td>Low</td> </tr> <tr> <td><i>Astragalus clevelandii</i></td> <td>Clevelands milk-vetch</td> <td>CRPR – 4.3</td> <td>Low</td> </tr> <tr> <td><i>Astragalus rattan</i> var. <i>jepsonianus</i></td> <td>Jepsons milk-vetch</td> <td>CRPR – 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Lupinus milobakeri</i></td> <td>Milo Bakers lupine</td> <td>CRPR – 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Lupinus sericatusi</i></td> <td>Cobb Mtn. lupine</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Calochortus uniflorus</i></td> <td>Pink star tulip</td> <td>CRPR – 4.2</td> <td>Low</td> </tr> <tr> <td><i>Erythronium helenae</i></td> <td>St. Helena fawn lily</td> <td>CRPR – 4.2</td> <td>Low</td> </tr> <tr> <td><i>Fritillaria pluriflora</i></td> <td>Adobe lily</td> <td>CRPR – 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Fritillaria purdyi</i></td> <td>Purdys fritillary</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Lilium rebescens</i></td> <td>Redwood lily</td> <td>CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Hesperolinon adenophyllum</i></td> <td>Glandular western flax</td> <td>CRPR – 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Hesperolinon bicarpellatum</i></td> <td>Two-carpellate western flax</td> <td>CRPR – 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Hesperolinon didymocarpum</i></td> <td>Lake County western flax</td> <td>CRPR – 1B.2</td> <td>Low</td> </tr> </tbody> </table>	Scientific Name	Common Name	Status	Suitable Habitat Presence	<i>Amsinckia lunaris</i>	Bent-flowered fiddleneck	CRPR – 1B.2	Absent	<i>Cryptantha excavata</i>	Deep-scarred cryptantha	CRPR – 1B.2	Absent	<i>Cryptantha dissita</i>	Serpentine cryptantha	CRPR – 1B.2	Absent	<i>Arabis modesta</i>	Modest rockcrest	CRPR – 4.3	Absent	<i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i>	Socrates mine jewelflower	CRPR – 1B.2	Absent	<i>Streptanthus brachiatus</i> ssp. <i>Hoffmanii</i>	Freeds jewelflower	CRPR – 1B.2	Absent	<i>Streptanthus hesperidis</i>	Green jewelflower	CRPR – 1B.2	Absent	<i>Streptanthus morrisonii</i> ssp. <i>kruckebergii</i>	Kruckebergs jewelflower	CRPR – 1B.2	Absent	<i>Arctostaphylos manzanita</i> ssp. <i>elegans</i>	Konocti manzanita	CRPR – 1B.3	Low	<i>Arctostaphylos stanfordiana</i> ssp. <i>raichei</i>	Raiches manzanita	RPR – 1B.1	Low	<i>Thelypodium brachycarpum</i>	Short-podded thelypodium	CRPR – 4.2	Absent	<i>Brasenia schreberi</i>	watershield	CRPR – 2B.3	Absent	<i>Downingia willamettensis</i>	Cascade downingia	CRPR – 2B.2	Absent	<i>Legenere limosa</i>	legenere	CRPR – 1B.1	Absent	<i>Viburnum ellipticum</i>	Oval-leaved viburnum	CRPR – 2B.3	Absent	<i>Extriplex joaquinana</i>	San Joaquin spearscale	CRPR – 1B.2	Absent	<i>Calystegia collina</i> ssp. <i>oxyphylla</i>	Mt. St. Helena morning-glory	CRPR – 4.2	Low	<i>Calystegia collina</i> ssp. <i>tridactylosa</i>	Three-fingered morning-glory	CRPR – 1B.2	Absent	<i>Sedella leiocarpa</i>	Lake County stonecrop	CRPR – 1B.1	Absent	<i>Carex praticola</i>	Northern meadow hedge	CRPR – 2B.2	Absent	<i>Equisetum palustre</i>	Marsh horsetail	CRPR – 3	Absent	<i>Astragalus breweri</i>	Brewers milk-vetch	CRPR – 4.2	Low	<i>Astragalus clevelandii</i>	Clevelands milk-vetch	CRPR – 4.3	Low	<i>Astragalus rattan</i> var. <i>jepsonianus</i>	Jepsons milk-vetch	CRPR – 1B.2	Low	<i>Lupinus milobakeri</i>	Milo Bakers lupine	CRPR – 1B.1	Absent	<i>Lupinus sericatusi</i>	Cobb Mtn. lupine	CRPR – 1B.2	Absent	<i>Calochortus uniflorus</i>	Pink star tulip	CRPR – 4.2	Low	<i>Erythronium helenae</i>	St. Helena fawn lily	CRPR – 4.2	Low	<i>Fritillaria pluriflora</i>	Adobe lily	CRPR – 1B.2	Low	<i>Fritillaria purdyi</i>	Purdys fritillary	CRPR – 4.3	Absent	<i>Lilium rebescens</i>	Redwood lily	CRPR – 4.2	Absent	<i>Hesperolinon adenophyllum</i>	Glandular western flax	CRPR – 1B.2	Low	<i>Hesperolinon bicarpellatum</i>	Two-carpellate western flax	CRPR – 1B.2	Low	<i>Hesperolinon didymocarpum</i>	Lake County western flax	CRPR – 1B.2	Low
Scientific Name	Common Name	Status	Suitable Habitat Presence																																																																																																																																																
<i>Amsinckia lunaris</i>	Bent-flowered fiddleneck	CRPR – 1B.2	Absent																																																																																																																																																
<i>Cryptantha excavata</i>	Deep-scarred cryptantha	CRPR – 1B.2	Absent																																																																																																																																																
<i>Cryptantha dissita</i>	Serpentine cryptantha	CRPR – 1B.2	Absent																																																																																																																																																
<i>Arabis modesta</i>	Modest rockcrest	CRPR – 4.3	Absent																																																																																																																																																
<i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i>	Socrates mine jewelflower	CRPR – 1B.2	Absent																																																																																																																																																
<i>Streptanthus brachiatus</i> ssp. <i>Hoffmanii</i>	Freeds jewelflower	CRPR – 1B.2	Absent																																																																																																																																																
<i>Streptanthus hesperidis</i>	Green jewelflower	CRPR – 1B.2	Absent																																																																																																																																																
<i>Streptanthus morrisonii</i> ssp. <i>kruckebergii</i>	Kruckebergs jewelflower	CRPR – 1B.2	Absent																																																																																																																																																
<i>Arctostaphylos manzanita</i> ssp. <i>elegans</i>	Konocti manzanita	CRPR – 1B.3	Low																																																																																																																																																
<i>Arctostaphylos stanfordiana</i> ssp. <i>raichei</i>	Raiches manzanita	RPR – 1B.1	Low																																																																																																																																																
<i>Thelypodium brachycarpum</i>	Short-podded thelypodium	CRPR – 4.2	Absent																																																																																																																																																
<i>Brasenia schreberi</i>	watershield	CRPR – 2B.3	Absent																																																																																																																																																
<i>Downingia willamettensis</i>	Cascade downingia	CRPR – 2B.2	Absent																																																																																																																																																
<i>Legenere limosa</i>	legenere	CRPR – 1B.1	Absent																																																																																																																																																
<i>Viburnum ellipticum</i>	Oval-leaved viburnum	CRPR – 2B.3	Absent																																																																																																																																																
<i>Extriplex joaquinana</i>	San Joaquin spearscale	CRPR – 1B.2	Absent																																																																																																																																																
<i>Calystegia collina</i> ssp. <i>oxyphylla</i>	Mt. St. Helena morning-glory	CRPR – 4.2	Low																																																																																																																																																
<i>Calystegia collina</i> ssp. <i>tridactylosa</i>	Three-fingered morning-glory	CRPR – 1B.2	Absent																																																																																																																																																
<i>Sedella leiocarpa</i>	Lake County stonecrop	CRPR – 1B.1	Absent																																																																																																																																																
<i>Carex praticola</i>	Northern meadow hedge	CRPR – 2B.2	Absent																																																																																																																																																
<i>Equisetum palustre</i>	Marsh horsetail	CRPR – 3	Absent																																																																																																																																																
<i>Astragalus breweri</i>	Brewers milk-vetch	CRPR – 4.2	Low																																																																																																																																																
<i>Astragalus clevelandii</i>	Clevelands milk-vetch	CRPR – 4.3	Low																																																																																																																																																
<i>Astragalus rattan</i> var. <i>jepsonianus</i>	Jepsons milk-vetch	CRPR – 1B.2	Low																																																																																																																																																
<i>Lupinus milobakeri</i>	Milo Bakers lupine	CRPR – 1B.1	Absent																																																																																																																																																
<i>Lupinus sericatusi</i>	Cobb Mtn. lupine	CRPR – 1B.2	Absent																																																																																																																																																
<i>Calochortus uniflorus</i>	Pink star tulip	CRPR – 4.2	Low																																																																																																																																																
<i>Erythronium helenae</i>	St. Helena fawn lily	CRPR – 4.2	Low																																																																																																																																																
<i>Fritillaria pluriflora</i>	Adobe lily	CRPR – 1B.2	Low																																																																																																																																																
<i>Fritillaria purdyi</i>	Purdys fritillary	CRPR – 4.3	Absent																																																																																																																																																
<i>Lilium rebescens</i>	Redwood lily	CRPR – 4.2	Absent																																																																																																																																																
<i>Hesperolinon adenophyllum</i>	Glandular western flax	CRPR – 1B.2	Low																																																																																																																																																
<i>Hesperolinon bicarpellatum</i>	Two-carpellate western flax	CRPR – 1B.2	Low																																																																																																																																																
<i>Hesperolinon didymocarpum</i>	Lake County western flax	CRPR – 1B.2	Low																																																																																																																																																

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.																																																																																																																																
							<p>Table 1 Special Status Species with Potential to Occur within Project Area</p> <table border="1"> <thead> <tr> <th data-bbox="722 247 993 319">Scientific Name</th> <th data-bbox="993 247 1252 319">Common Name</th> <th data-bbox="1252 247 1398 319">Status</th> <th data-bbox="1398 247 1528 319">Suitable Habitat Presence</th> </tr> </thead> <tbody> <tr> <td><i>Hesperolinon drymarioides</i></td> <td>drymaria-like western flax</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Hesperolinon sharsmithiae</i></td> <td>Sharsmiths western flax</td> <td>CRPR – 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Malacothamnus helleri</i></td> <td>Hellers bushmallow</td> <td>CRPR – 3.3</td> <td>Low</td> </tr> <tr> <td><i>Sidalcea keckii</i></td> <td>Kecks checkerbloom</td> <td>Fed. – E CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Sidalcea oregana ssp. hydrophila</i></td> <td>Marsh checkerbloom</td> <td>CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Toxicoscordion fontanum</i></td> <td>Marsh zigadenus</td> <td>CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Calyptidium quadripetalum</i></td> <td>Four-petaled pussypaws</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Clarkia gracilis ssp. tracyi</i></td> <td>Tracys clarkia</td> <td>CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Piperia michaelii</i></td> <td>Michaels rein orchid</td> <td>CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Piperia leptopetala</i></td> <td>Narrow-petaled rein orchid</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Aphyllon validum ssp. howellii</i></td> <td>Howells broomrape</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Castilleja rubicundula var. rubicundula</i></td> <td>Pink creamsacs</td> <td>CRPR – 1B.2</td> <td>Low</td> </tr> <tr> <td><i>Cordylanthus tenuis ssp. brunneus</i></td> <td>Serpentine birds-beak</td> <td>CRPR – 4.3</td> <td>Low</td> </tr> <tr> <td><i>Erythranthe nudata</i></td> <td>Bare monkeyflower</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Antirrhinum virga</i></td> <td>Twig-like snapdragon</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Gratiola heterosepala</i></td> <td>Boggs lake hedge-hyssop</td> <td>Fed. – E CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Calamagrostis ophitidis</i></td> <td>Serpentine reed grass</td> <td>CRPR – 1B.3</td> <td>Absent</td> </tr> <tr> <td><i>Imperata brevifolia</i></td> <td>California satintail</td> <td>CRPR – 2B.1</td> <td>Absent</td> </tr> <tr> <td><i>Collomia diversifolia</i></td> <td>Serpentine collomia</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Orcuttia tenuis</i></td> <td>Slender Orcutt grass</td> <td>Fed. – T, St. – E CRPR – 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Panicum acuminatum var. thermale</i></td> <td>Geysers panicum</td> <td>St. – E CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Eriastrum brandegeeeae</i></td> <td>Brandegees eriastrum</td> <td>CRPR – 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Eriastrum tracyi</i></td> <td>Tracys eriastrum</td> <td>State – Rare CRPR – 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Leptosiphon aureus</i></td> <td>Bristly leptosiphon</td> <td>CRPR – 4.2</td> <td>Low</td> </tr> <tr> <td><i>Leptosiphon grandiflorus</i></td> <td>Large-flowered leptosiphon</td> <td>CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Leptosiphon jepsonii</i></td> <td>Jepsons leptosiphon</td> <td>CRPR – 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Leptosiphon latisectus</i></td> <td>Broad-lobed leptosiphon</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Navearretia cotulifolia</i></td> <td>Cotula navarretia</td> <td>CRPR – 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Navearretia jepsonii</i></td> <td>Jepsons navarretia</td> <td>CRPR – 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Navearretia leucocephala ssp. bakeri</i></td> <td>Bakers navarretia</td> <td>CRPR – 1B.1</td> <td>Low</td> </tr> <tr> <td><i>Navearretia leucocephala ssp. pauciflora</i></td> <td>Few-flowered navarretia</td> <td>Fed. – E, St. – T CRPR – 1B.1</td> <td>Absent</td> </tr> </tbody> </table>	Scientific Name	Common Name	Status	Suitable Habitat Presence	<i>Hesperolinon drymarioides</i>	drymaria-like western flax	CRPR – 1B.2	Absent	<i>Hesperolinon sharsmithiae</i>	Sharsmiths western flax	CRPR – 1B.2	Low	<i>Malacothamnus helleri</i>	Hellers bushmallow	CRPR – 3.3	Low	<i>Sidalcea keckii</i>	Kecks checkerbloom	Fed. – E CRPR – 4.2	Absent	<i>Sidalcea oregana ssp. hydrophila</i>	Marsh checkerbloom	CRPR – 4.2	Absent	<i>Toxicoscordion fontanum</i>	Marsh zigadenus	CRPR – 4.2	Absent	<i>Calyptidium quadripetalum</i>	Four-petaled pussypaws	CRPR – 4.3	Absent	<i>Clarkia gracilis ssp. tracyi</i>	Tracys clarkia	CRPR – 4.2	Absent	<i>Piperia michaelii</i>	Michaels rein orchid	CRPR – 4.2	Absent	<i>Piperia leptopetala</i>	Narrow-petaled rein orchid	CRPR – 4.3	Absent	<i>Aphyllon validum ssp. howellii</i>	Howells broomrape	CRPR – 4.3	Absent	<i>Castilleja rubicundula var. rubicundula</i>	Pink creamsacs	CRPR – 1B.2	Low	<i>Cordylanthus tenuis ssp. brunneus</i>	Serpentine birds-beak	CRPR – 4.3	Low	<i>Erythranthe nudata</i>	Bare monkeyflower	CRPR – 4.3	Absent	<i>Antirrhinum virga</i>	Twig-like snapdragon	CRPR – 4.3	Absent	<i>Gratiola heterosepala</i>	Boggs lake hedge-hyssop	Fed. – E CRPR – 1B.2	Absent	<i>Calamagrostis ophitidis</i>	Serpentine reed grass	CRPR – 1B.3	Absent	<i>Imperata brevifolia</i>	California satintail	CRPR – 2B.1	Absent	<i>Collomia diversifolia</i>	Serpentine collomia	CRPR – 4.3	Absent	<i>Orcuttia tenuis</i>	Slender Orcutt grass	Fed. – T, St. – E CRPR – 1B.1	Absent	<i>Panicum acuminatum var. thermale</i>	Geysers panicum	St. – E CRPR – 1B.2	Absent	<i>Eriastrum brandegeeeae</i>	Brandegees eriastrum	CRPR – 1B.1	Absent	<i>Eriastrum tracyi</i>	Tracys eriastrum	State – Rare CRPR – 1B.1	Absent	<i>Leptosiphon aureus</i>	Bristly leptosiphon	CRPR – 4.2	Low	<i>Leptosiphon grandiflorus</i>	Large-flowered leptosiphon	CRPR – 4.2	Absent	<i>Leptosiphon jepsonii</i>	Jepsons leptosiphon	CRPR – 1B.2	Absent	<i>Leptosiphon latisectus</i>	Broad-lobed leptosiphon	CRPR – 4.3	Absent	<i>Navearretia cotulifolia</i>	Cotula navarretia	CRPR – 4.2	Absent	<i>Navearretia jepsonii</i>	Jepsons navarretia	CRPR – 4.3	Absent	<i>Navearretia leucocephala ssp. bakeri</i>	Bakers navarretia	CRPR – 1B.1	Low	<i>Navearretia leucocephala ssp. pauciflora</i>	Few-flowered navarretia	Fed. – E, St. – T CRPR – 1B.1	Absent
Scientific Name	Common Name	Status	Suitable Habitat Presence																																																																																																																																				
<i>Hesperolinon drymarioides</i>	drymaria-like western flax	CRPR – 1B.2	Absent																																																																																																																																				
<i>Hesperolinon sharsmithiae</i>	Sharsmiths western flax	CRPR – 1B.2	Low																																																																																																																																				
<i>Malacothamnus helleri</i>	Hellers bushmallow	CRPR – 3.3	Low																																																																																																																																				
<i>Sidalcea keckii</i>	Kecks checkerbloom	Fed. – E CRPR – 4.2	Absent																																																																																																																																				
<i>Sidalcea oregana ssp. hydrophila</i>	Marsh checkerbloom	CRPR – 4.2	Absent																																																																																																																																				
<i>Toxicoscordion fontanum</i>	Marsh zigadenus	CRPR – 4.2	Absent																																																																																																																																				
<i>Calyptidium quadripetalum</i>	Four-petaled pussypaws	CRPR – 4.3	Absent																																																																																																																																				
<i>Clarkia gracilis ssp. tracyi</i>	Tracys clarkia	CRPR – 4.2	Absent																																																																																																																																				
<i>Piperia michaelii</i>	Michaels rein orchid	CRPR – 4.2	Absent																																																																																																																																				
<i>Piperia leptopetala</i>	Narrow-petaled rein orchid	CRPR – 4.3	Absent																																																																																																																																				
<i>Aphyllon validum ssp. howellii</i>	Howells broomrape	CRPR – 4.3	Absent																																																																																																																																				
<i>Castilleja rubicundula var. rubicundula</i>	Pink creamsacs	CRPR – 1B.2	Low																																																																																																																																				
<i>Cordylanthus tenuis ssp. brunneus</i>	Serpentine birds-beak	CRPR – 4.3	Low																																																																																																																																				
<i>Erythranthe nudata</i>	Bare monkeyflower	CRPR – 4.3	Absent																																																																																																																																				
<i>Antirrhinum virga</i>	Twig-like snapdragon	CRPR – 4.3	Absent																																																																																																																																				
<i>Gratiola heterosepala</i>	Boggs lake hedge-hyssop	Fed. – E CRPR – 1B.2	Absent																																																																																																																																				
<i>Calamagrostis ophitidis</i>	Serpentine reed grass	CRPR – 1B.3	Absent																																																																																																																																				
<i>Imperata brevifolia</i>	California satintail	CRPR – 2B.1	Absent																																																																																																																																				
<i>Collomia diversifolia</i>	Serpentine collomia	CRPR – 4.3	Absent																																																																																																																																				
<i>Orcuttia tenuis</i>	Slender Orcutt grass	Fed. – T, St. – E CRPR – 1B.1	Absent																																																																																																																																				
<i>Panicum acuminatum var. thermale</i>	Geysers panicum	St. – E CRPR – 1B.2	Absent																																																																																																																																				
<i>Eriastrum brandegeeeae</i>	Brandegees eriastrum	CRPR – 1B.1	Absent																																																																																																																																				
<i>Eriastrum tracyi</i>	Tracys eriastrum	State – Rare CRPR – 1B.1	Absent																																																																																																																																				
<i>Leptosiphon aureus</i>	Bristly leptosiphon	CRPR – 4.2	Low																																																																																																																																				
<i>Leptosiphon grandiflorus</i>	Large-flowered leptosiphon	CRPR – 4.2	Absent																																																																																																																																				
<i>Leptosiphon jepsonii</i>	Jepsons leptosiphon	CRPR – 1B.2	Absent																																																																																																																																				
<i>Leptosiphon latisectus</i>	Broad-lobed leptosiphon	CRPR – 4.3	Absent																																																																																																																																				
<i>Navearretia cotulifolia</i>	Cotula navarretia	CRPR – 4.2	Absent																																																																																																																																				
<i>Navearretia jepsonii</i>	Jepsons navarretia	CRPR – 4.3	Absent																																																																																																																																				
<i>Navearretia leucocephala ssp. bakeri</i>	Bakers navarretia	CRPR – 1B.1	Low																																																																																																																																				
<i>Navearretia leucocephala ssp. pauciflora</i>	Few-flowered navarretia	Fed. – E, St. – T CRPR – 1B.1	Absent																																																																																																																																				

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.																																																																						
							<p>Table 1 Special Status Species with Potential to Occur within Project Area</p> <table border="1"> <thead> <tr> <th>Scientific Name</th> <th>Common Name</th> <th>Status</th> <th>Suitable Habitat Presence</th> </tr> </thead> <tbody> <tr> <td><i>Navarretia leucocephala</i> ssp. <i>plieantha</i></td> <td>Many-flowered navarretia</td> <td>Fed. - E, St. - E CRPR - 1B.1</td> <td>Absent</td> </tr> <tr> <td><i>Navarretia linearifolia</i> ssp. <i>pinatisecta</i></td> <td>Pinnate-leaved navarretia</td> <td>CRPR - 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Navarretia nigelliformis</i> ssp. <i>nigelliformis</i></td> <td>Adobe navarretia</td> <td>CRPR - 4.3</td> <td>Absent</td> </tr> <tr> <td><i>Navarretia paradoxinota</i></td> <td>Porters navarretia</td> <td>CRPR - 1B.3</td> <td>Absent</td> </tr> <tr> <td><i>Navarretia nigelliformis</i> ssp. <i>radians</i></td> <td>shining navarretia</td> <td>CRPR - 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Eriogonum nervulosum</i></td> <td>Snow mountain buckwheat</td> <td>CRPR - 1B.2</td> <td>Absent</td> </tr> <tr> <td><i>Eriogonum tripodum</i></td> <td>Tripod buckwheat</td> <td>CRPR - 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Potamogeton zosteriformis</i></td> <td>Eel-grass pondweed</td> <td>CRPR - 2B.2</td> <td>Absent</td> </tr> <tr> <td><i>Delphinium uliginosum</i></td> <td>Swamp larkspur</td> <td>CRPR - 4.2</td> <td>Absent</td> </tr> <tr> <td><i>Horkelia borlanderi</i></td> <td>Borlanders horkelia</td> <td>CRPR - 1B.2</td> <td>Absent</td> </tr> </tbody> </table> <p>Nomenclature used for Status columns: Federal Status (F), State Status (S), California Department of Fish and Wildlife (CDFW) Endangered (E), Threatened (T), Species of Special Concern (SSC) California Rare Plant Rank (CRPR) List 1A Plants Presumed Extinct in California List 1B Plants Rare, Threatened or Endangered in California or Elsewhere List 2 Plants Rare, Threatened or Endangered in California, But More Common Elsewhere List 3 Plants about Which We Need More Information, A Review List List 4 Plants of Limited Distribution, a Watch List</p> <p>Most taxa also receive a threat code extension following the CNPS List (e.g. 1B.1, 2.3 etc.). This code indicates the level of endangerment within the state. .1 - Seriously endangered in California (over 80% of occurrences threatened / high degree and immediacy of threat) .2 - Fairly endangered in California (20-80% occurrences threatened) .3 - Not very endangered in California (<20% of occurrences threatened)</p> <p>Table 2 and Table 3 - Provide a list of wildlife and botanical species observed during May 1, 2025, site investigation conducted as part of the biological assessment. The results of the survey indicated that no special status wildlife or plant species, nor any sensitive natural communities, were detected within the area of potential impact. These findings suggest that the proposed project is unlikely to directly affect any federally or state-listed species or habitats of special concern.</p> <p>Table 2 Wildlife Species Observed 5/1/2025</p> <table border="1"> <thead> <tr> <th>Scientific Name</th> <th>Common Name</th> </tr> </thead> <tbody> <tr> <td><i>Corvus brachyrhynchos</i></td> <td>American crow</td> </tr> <tr> <td><i>Melanerpes formicivorus</i></td> <td>Acorn Woodpecker</td> </tr> <tr> <td><i>Baleolophus inornatus</i></td> <td>Oak Titmouse</td> </tr> <tr> <td><i>Streptopelia decaocto</i></td> <td>Eurasian Collared Dove</td> </tr> <tr> <td><i>Calypte anna</i></td> <td>Anna's hummingbird</td> </tr> <tr> <td><i>Passer domesticus</i></td> <td>House sparrow</td> </tr> <tr> <td><i>Cyanocitta stelleri</i></td> <td>Steller's Jay</td> </tr> <tr> <td><i>Mimus polyglottos</i></td> <td>Northern Mockingbird</td> </tr> <tr> <td><i>Corvus corax</i></td> <td>Common Raven</td> </tr> <tr> <td><i>Turdus migratorius</i></td> <td>American Robin</td> </tr> <tr> <td><i>Aphelocoma coerulescens</i></td> <td>Western Scrubjays</td> </tr> <tr> <td><i>Melospiza melodia</i></td> <td>Song Sparrow</td> </tr> </tbody> </table>	Scientific Name	Common Name	Status	Suitable Habitat Presence	<i>Navarretia leucocephala</i> ssp. <i>plieantha</i>	Many-flowered navarretia	Fed. - E, St. - E CRPR - 1B.1	Absent	<i>Navarretia linearifolia</i> ssp. <i>pinatisecta</i>	Pinnate-leaved navarretia	CRPR - 1B.2	Absent	<i>Navarretia nigelliformis</i> ssp. <i>nigelliformis</i>	Adobe navarretia	CRPR - 4.3	Absent	<i>Navarretia paradoxinota</i>	Porters navarretia	CRPR - 1B.3	Absent	<i>Navarretia nigelliformis</i> ssp. <i>radians</i>	shining navarretia	CRPR - 1B.2	Absent	<i>Eriogonum nervulosum</i>	Snow mountain buckwheat	CRPR - 1B.2	Absent	<i>Eriogonum tripodum</i>	Tripod buckwheat	CRPR - 4.2	Absent	<i>Potamogeton zosteriformis</i>	Eel-grass pondweed	CRPR - 2B.2	Absent	<i>Delphinium uliginosum</i>	Swamp larkspur	CRPR - 4.2	Absent	<i>Horkelia borlanderi</i>	Borlanders horkelia	CRPR - 1B.2	Absent	Scientific Name	Common Name	<i>Corvus brachyrhynchos</i>	American crow	<i>Melanerpes formicivorus</i>	Acorn Woodpecker	<i>Baleolophus inornatus</i>	Oak Titmouse	<i>Streptopelia decaocto</i>	Eurasian Collared Dove	<i>Calypte anna</i>	Anna's hummingbird	<i>Passer domesticus</i>	House sparrow	<i>Cyanocitta stelleri</i>	Steller's Jay	<i>Mimus polyglottos</i>	Northern Mockingbird	<i>Corvus corax</i>	Common Raven	<i>Turdus migratorius</i>	American Robin	<i>Aphelocoma coerulescens</i>	Western Scrubjays	<i>Melospiza melodia</i>	Song Sparrow
Scientific Name	Common Name	Status	Suitable Habitat Presence																																																																										
<i>Navarretia leucocephala</i> ssp. <i>plieantha</i>	Many-flowered navarretia	Fed. - E, St. - E CRPR - 1B.1	Absent																																																																										
<i>Navarretia linearifolia</i> ssp. <i>pinatisecta</i>	Pinnate-leaved navarretia	CRPR - 1B.2	Absent																																																																										
<i>Navarretia nigelliformis</i> ssp. <i>nigelliformis</i>	Adobe navarretia	CRPR - 4.3	Absent																																																																										
<i>Navarretia paradoxinota</i>	Porters navarretia	CRPR - 1B.3	Absent																																																																										
<i>Navarretia nigelliformis</i> ssp. <i>radians</i>	shining navarretia	CRPR - 1B.2	Absent																																																																										
<i>Eriogonum nervulosum</i>	Snow mountain buckwheat	CRPR - 1B.2	Absent																																																																										
<i>Eriogonum tripodum</i>	Tripod buckwheat	CRPR - 4.2	Absent																																																																										
<i>Potamogeton zosteriformis</i>	Eel-grass pondweed	CRPR - 2B.2	Absent																																																																										
<i>Delphinium uliginosum</i>	Swamp larkspur	CRPR - 4.2	Absent																																																																										
<i>Horkelia borlanderi</i>	Borlanders horkelia	CRPR - 1B.2	Absent																																																																										
Scientific Name	Common Name																																																																												
<i>Corvus brachyrhynchos</i>	American crow																																																																												
<i>Melanerpes formicivorus</i>	Acorn Woodpecker																																																																												
<i>Baleolophus inornatus</i>	Oak Titmouse																																																																												
<i>Streptopelia decaocto</i>	Eurasian Collared Dove																																																																												
<i>Calypte anna</i>	Anna's hummingbird																																																																												
<i>Passer domesticus</i>	House sparrow																																																																												
<i>Cyanocitta stelleri</i>	Steller's Jay																																																																												
<i>Mimus polyglottos</i>	Northern Mockingbird																																																																												
<i>Corvus corax</i>	Common Raven																																																																												
<i>Turdus migratorius</i>	American Robin																																																																												
<i>Aphelocoma coerulescens</i>	Western Scrubjays																																																																												
<i>Melospiza melodia</i>	Song Sparrow																																																																												

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>																																																																																																																																																				
							<p>Table 2 Wildlife Species Observed 5/1/29/2025</p> <table border="1"> <thead> <tr> <th>Scientific Name</th> <th>Common Name</th> </tr> </thead> <tbody> <tr><td><i>Pipilo crissalis</i></td><td>California Towhee</td></tr> <tr><td><i>Spinus psaltria</i></td><td>Lesser Goldfinch</td></tr> <tr><td><i>Molothrus ater</i></td><td>Brown-headed Cowbird</td></tr> <tr><td><i>Cathartes aura</i></td><td>Turkey vulture</td></tr> <tr><td><i>Tachycineta thalassina</i></td><td>Violet-green Swallow</td></tr> <tr><td><i>Dendroica coronata</i></td><td>Yellow-rumped Warbler</td></tr> <tr><td><i>Sturnus vulgaris</i></td><td>European Starling</td></tr> <tr><td><i>Sitta carolinensis</i></td><td>White-breasted Nuthatch</td></tr> <tr><td colspan="2"> </td></tr> <tr><td colspan="2">Mammals</td></tr> <tr><td><i>Sciurus griseus</i></td><td>Western gray squirrel</td></tr> <tr><td><i>Felis catus</i></td><td>Feral cats</td></tr> <tr><td colspan="2">Amphibians & Reptiles</td></tr> <tr><td><i>Sceloporus occidentalis</i></td><td>Western fence lizard</td></tr> <tr><td colspan="2"> </td></tr> <tr><td colspan="2">Fish</td></tr> <tr><td colspan="2">No Fish observed</td></tr> <tr><td colspan="2">Invertebrates</td></tr> <tr><td colspan="2"> </td></tr> </tbody> </table> <p>Table 3 Botanical Species Observed</p> <table border="1"> <thead> <tr> <th>Scientific Name</th> <th>Common Name</th> <th>Native Species</th> </tr> </thead> <tbody> <tr><td><i>Pinus sabiniana</i></td><td>Gray pine</td><td>Y</td></tr> <tr><td><i>Quercus agrifolia</i></td><td>California live oak</td><td>Y</td></tr> <tr><td><i>Quercus douglassii</i></td><td>Blue oak</td><td>Y</td></tr> <tr><td><i>Arctostaphylos manzanita</i></td><td>Manzanita</td><td>Y</td></tr> <tr><td><i>Baccharis pilularis ssp. consanguinea</i></td><td>coyote brush</td><td>Y</td></tr> <tr><td><i>Heteromeles arbutifolia</i></td><td>toyon berry</td><td>Y</td></tr> <tr><td><i>Rubus armeniacus</i></td><td>Himalayan berry</td><td>N</td></tr> <tr><td><i>Toxicodendron diversilobum</i></td><td>poison oak</td><td>Y</td></tr> <tr><td><i>Alopecurus pratensis</i></td><td>meadow foxtail</td><td>N</td></tr> <tr><td><i>Avena fatua</i></td><td>wild oat</td><td>N</td></tr> <tr><td><i>Hordeum brachyantherum</i></td><td>Meadow barley</td><td>N</td></tr> <tr><td><i>Briza maxima</i></td><td>large quaking grass</td><td>N</td></tr> <tr><td><i>Bromus catharticus var. catharticus</i></td><td>rescue grass</td><td>N</td></tr> <tr><td><i>Bromus diandrus</i></td><td>rip-gut brome</td><td>N</td></tr> <tr><td><i>Festuca perennis</i></td><td>Italian wildrye</td><td>N</td></tr> <tr><td><i>Hordeum murinum ssp. glaucum</i></td><td>foxtail</td><td>N</td></tr> <tr><td><i>Rytidosperma penicillatum</i></td><td>hairy oat grass</td><td>N</td></tr> <tr><td><i>Calystegia purpurata ssp. purpurata</i></td><td>purple false bindweed</td><td>Y</td></tr> <tr><td><i>Calystegia sylvatica ssp. disjuncta</i></td><td>large bindweed</td><td>N</td></tr> <tr><td colspan="3"> </td></tr> <tr><td><i>Cirsium vulgare</i></td><td>bull thistle</td><td>N</td></tr> <tr><td><i>Convolvulus arvensis</i></td><td>field bindweed</td><td>N</td></tr> <tr><td><i>Eschscholzia californica</i></td><td>California poppy</td><td>Y</td></tr> <tr><td><i>Geranium dissectum</i></td><td>cutleaf geranium</td><td>N</td></tr> <tr><td><i>Lotus corniculatus</i></td><td>bird-foot trefoil</td><td>N</td></tr> <tr><td><i>Matricaria discoidea</i></td><td>pineapple weed</td><td>Y</td></tr> <tr><td><i>Medicago polymorpha</i></td><td>bur clover</td><td>N</td></tr> <tr><td><i>Taraxacum officinale ssp. officinale</i></td><td>dandelion</td><td>N</td></tr> <tr><td><i>Trifolium hirtum</i></td><td>rose clover</td><td>N</td></tr> <tr><td><i>Erodium cicutarium</i></td><td>Redstem storksbill</td><td>N</td></tr> <tr><td><i>Vicia sativa</i></td><td>Common vetch</td><td>N</td></tr> <tr><td><i>Amsinckia tessellate</i></td><td>Bristly Fiddleback</td><td>Y</td></tr> <tr><td><i>Centaurea solstitialis</i></td><td>Star thistle</td><td>N</td></tr> <tr><td colspan="3"> </td></tr> <tr><td>32 Species</td><td></td><td>34% Native</td></tr> </tbody> </table> <p style="text-align: center;">Biological Resource and Discussion of Impacts</p> <p>For the purposes of this Biological Resource and Wetland Delineation Analysisist, special status species are defined as those that are:</p> <ul style="list-style-type: none"> • Listed as endangered or threatened under the Federal Endangered Species Act (FESA), • Formally proposed for listing, or • Considered candidates for listing. 	Scientific Name	Common Name	<i>Pipilo crissalis</i>	California Towhee	<i>Spinus psaltria</i>	Lesser Goldfinch	<i>Molothrus ater</i>	Brown-headed Cowbird	<i>Cathartes aura</i>	Turkey vulture	<i>Tachycineta thalassina</i>	Violet-green Swallow	<i>Dendroica coronata</i>	Yellow-rumped Warbler	<i>Sturnus vulgaris</i>	European Starling	<i>Sitta carolinensis</i>	White-breasted Nuthatch			Mammals		<i>Sciurus griseus</i>	Western gray squirrel	<i>Felis catus</i>	Feral cats	Amphibians & Reptiles		<i>Sceloporus occidentalis</i>	Western fence lizard			Fish		No Fish observed		Invertebrates				Scientific Name	Common Name	Native Species	<i>Pinus sabiniana</i>	Gray pine	Y	<i>Quercus agrifolia</i>	California live oak	Y	<i>Quercus douglassii</i>	Blue oak	Y	<i>Arctostaphylos manzanita</i>	Manzanita	Y	<i>Baccharis pilularis ssp. consanguinea</i>	coyote brush	Y	<i>Heteromeles arbutifolia</i>	toyon berry	Y	<i>Rubus armeniacus</i>	Himalayan berry	N	<i>Toxicodendron diversilobum</i>	poison oak	Y	<i>Alopecurus pratensis</i>	meadow foxtail	N	<i>Avena fatua</i>	wild oat	N	<i>Hordeum brachyantherum</i>	Meadow barley	N	<i>Briza maxima</i>	large quaking grass	N	<i>Bromus catharticus var. catharticus</i>	rescue grass	N	<i>Bromus diandrus</i>	rip-gut brome	N	<i>Festuca perennis</i>	Italian wildrye	N	<i>Hordeum murinum ssp. glaucum</i>	foxtail	N	<i>Rytidosperma penicillatum</i>	hairy oat grass	N	<i>Calystegia purpurata ssp. purpurata</i>	purple false bindweed	Y	<i>Calystegia sylvatica ssp. disjuncta</i>	large bindweed	N				<i>Cirsium vulgare</i>	bull thistle	N	<i>Convolvulus arvensis</i>	field bindweed	N	<i>Eschscholzia californica</i>	California poppy	Y	<i>Geranium dissectum</i>	cutleaf geranium	N	<i>Lotus corniculatus</i>	bird-foot trefoil	N	<i>Matricaria discoidea</i>	pineapple weed	Y	<i>Medicago polymorpha</i>	bur clover	N	<i>Taraxacum officinale ssp. officinale</i>	dandelion	N	<i>Trifolium hirtum</i>	rose clover	N	<i>Erodium cicutarium</i>	Redstem storksbill	N	<i>Vicia sativa</i>	Common vetch	N	<i>Amsinckia tessellate</i>	Bristly Fiddleback	Y	<i>Centaurea solstitialis</i>	Star thistle	N				32 Species		34% Native
Scientific Name	Common Name																																																																																																																																																										
<i>Pipilo crissalis</i>	California Towhee																																																																																																																																																										
<i>Spinus psaltria</i>	Lesser Goldfinch																																																																																																																																																										
<i>Molothrus ater</i>	Brown-headed Cowbird																																																																																																																																																										
<i>Cathartes aura</i>	Turkey vulture																																																																																																																																																										
<i>Tachycineta thalassina</i>	Violet-green Swallow																																																																																																																																																										
<i>Dendroica coronata</i>	Yellow-rumped Warbler																																																																																																																																																										
<i>Sturnus vulgaris</i>	European Starling																																																																																																																																																										
<i>Sitta carolinensis</i>	White-breasted Nuthatch																																																																																																																																																										
Mammals																																																																																																																																																											
<i>Sciurus griseus</i>	Western gray squirrel																																																																																																																																																										
<i>Felis catus</i>	Feral cats																																																																																																																																																										
Amphibians & Reptiles																																																																																																																																																											
<i>Sceloporus occidentalis</i>	Western fence lizard																																																																																																																																																										
Fish																																																																																																																																																											
No Fish observed																																																																																																																																																											
Invertebrates																																																																																																																																																											
Scientific Name	Common Name	Native Species																																																																																																																																																									
<i>Pinus sabiniana</i>	Gray pine	Y																																																																																																																																																									
<i>Quercus agrifolia</i>	California live oak	Y																																																																																																																																																									
<i>Quercus douglassii</i>	Blue oak	Y																																																																																																																																																									
<i>Arctostaphylos manzanita</i>	Manzanita	Y																																																																																																																																																									
<i>Baccharis pilularis ssp. consanguinea</i>	coyote brush	Y																																																																																																																																																									
<i>Heteromeles arbutifolia</i>	toyon berry	Y																																																																																																																																																									
<i>Rubus armeniacus</i>	Himalayan berry	N																																																																																																																																																									
<i>Toxicodendron diversilobum</i>	poison oak	Y																																																																																																																																																									
<i>Alopecurus pratensis</i>	meadow foxtail	N																																																																																																																																																									
<i>Avena fatua</i>	wild oat	N																																																																																																																																																									
<i>Hordeum brachyantherum</i>	Meadow barley	N																																																																																																																																																									
<i>Briza maxima</i>	large quaking grass	N																																																																																																																																																									
<i>Bromus catharticus var. catharticus</i>	rescue grass	N																																																																																																																																																									
<i>Bromus diandrus</i>	rip-gut brome	N																																																																																																																																																									
<i>Festuca perennis</i>	Italian wildrye	N																																																																																																																																																									
<i>Hordeum murinum ssp. glaucum</i>	foxtail	N																																																																																																																																																									
<i>Rytidosperma penicillatum</i>	hairy oat grass	N																																																																																																																																																									
<i>Calystegia purpurata ssp. purpurata</i>	purple false bindweed	Y																																																																																																																																																									
<i>Calystegia sylvatica ssp. disjuncta</i>	large bindweed	N																																																																																																																																																									
<i>Cirsium vulgare</i>	bull thistle	N																																																																																																																																																									
<i>Convolvulus arvensis</i>	field bindweed	N																																																																																																																																																									
<i>Eschscholzia californica</i>	California poppy	Y																																																																																																																																																									
<i>Geranium dissectum</i>	cutleaf geranium	N																																																																																																																																																									
<i>Lotus corniculatus</i>	bird-foot trefoil	N																																																																																																																																																									
<i>Matricaria discoidea</i>	pineapple weed	Y																																																																																																																																																									
<i>Medicago polymorpha</i>	bur clover	N																																																																																																																																																									
<i>Taraxacum officinale ssp. officinale</i>	dandelion	N																																																																																																																																																									
<i>Trifolium hirtum</i>	rose clover	N																																																																																																																																																									
<i>Erodium cicutarium</i>	Redstem storksbill	N																																																																																																																																																									
<i>Vicia sativa</i>	Common vetch	N																																																																																																																																																									
<i>Amsinckia tessellate</i>	Bristly Fiddleback	Y																																																																																																																																																									
<i>Centaurea solstitialis</i>	Star thistle	N																																																																																																																																																									
32 Species		34% Native																																																																																																																																																									

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
							<p>A total of 95 special status plant and animal species were identified through queries of the California Natural Diversity Database (CNDDDB), U.S. Fish and Wildlife Service IPaC, National Marine Fisheries Service (NMFS), and California Native Plant Society (CNPS) databases as having the potential to occur in the vicinity of the project area. These species are compiled in Table 1 for informational purposes. However, it is important to note that IHS is not subject to compliance with state environmental codes, and therefore, state-listed species are not a regulatory constraint for this project.</p> <p><u>Special Status Plants:</u></p> <ul style="list-style-type: none"> According to the Biological Assessment Report - No special-status plant species were observed during the May 1, 2025, survey of the project area and its immediate surroundings. <p><u>Special Status Animals:</u></p> <ul style="list-style-type: none"> Wildlife: According to database searches, four special status wildlife species were identified as having the potential to occur in the project area. However, site investigations revealed that suitable habitat for these species does not exist within the project area, and no habitats capable of supporting them were identified. Bird Nesting Habitats: While the project area provides potential bird nesting habitat for various species protected under the Migratory Bird Treaty Act (MBTA). The presence of feral cats were observed during the site investigation suggests that ground-nesting birds are unlikely to successfully utilize the area. However, several trees in the vicinity may provide suitable habitat for tree-nesting species. Fish (Anadromous and Lake-locked): The National Marine Fisheries Service (NMFS) database query for the Lower Lake USGS quadrangle identified critical habitat for several distinct population segments (DPS) and evolutionary significant units (ESU) of Endangered Species Act (ESA) anadromous fish, including Chinook (<i>Oncorhynchus tshawytscha</i>) and Coho (<i>Oncorhynchus kisutch</i>) salmon. However, due to the presence of the Cache Creek Dam, which blocks fish passage, no anadromous fish are present in the project area. While Clear Lake Hitch historically utilized larger stream systems connected to Clear Lake, the highly ephemeral nature of Molesworth Creek prevents the species from utilizing this watercourse. Sensitive Communities: The California Department of Fish and Wildlife (CDFW) tracks natural communities that are considered rare in California, updating its list periodically within the California Natural Diversity Database (CNDDDB). No sensitive natural communities are present in the vicinity of the project area, as it is located within a developed residential zone. Consequently, no impacts to sensitive communities are anticipated, and no trees are proposed for removal. Migratory Birds and Birds of Prey: Migratory birds/birds of prey are protected under 50 CFR 10 of the Migratory Bird Treaty Act (MBTA). No nesting raptors were observed along 36th Avenue or adjacent roads within the immediate area. However, to address any potential nesting concerns, pre-construction nesting surveys will be conducted to ensure compliance with regulatory protections. <p><u>Project Impacts Summary:</u> The proposed project is expected to have minimal temporary impacts with no lasting detrimental effects on wildlife species or habitat in the project area. Ground-disturbing activities will result in temporary impacts on vegetation, primarily consisting of ruderal species typical of the roadside environment. However, the overall impact on vegetation will be limited. The implementation of appropriate Best Management Practices (BMPs) during and following trenching activities will effectively minimize the potential for sedimentation to enter Molesworth Creek and, ultimately, Clear Lake, ensuring that water quality remains protected throughout the project.</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
							<p><u>Avoidance and Minimization Efforts:</u> The primary impact to biological resources associated with the proposed project is expected to be minimal due to the residential nature of the neighborhood and the lack of suitable habitat for many species. Standard housekeeping practices and the installation of appropriate Best Management Practices (BMPs) will be implemented as necessary to minimize erosion and sediment transport to adjacent watercourses. Additionally, conducting work activities during the summer months will further reduce soil loss during ground-disturbing activities.</p> <p>No FESA-listed animal species were observed within the project area. The habitat within the study area is subject to frequent human disturbance, including residential use, traffic, and road maintenance.</p> <p>A query of the USFWS IPaC database identified several FESA-listed Threatened and Endangered (T&E) species that may have the potential to be affected by the implementation of this project. Each species identified was assessed for potential effects resulting from the proposed project activities</p> <p>Biological Resources:</p> <p><u>Northern Spotted Owl:</u> Typically inhabits dense, old-growth, multi-layered conifer stands, particularly those dominated by redwood and Douglas fir. The study area does not contain suitable habitat for the NSO. Given the nature of the proposed work and the absence of suitable habitat within the project area, the project will have no effect on the Northern Spotted Owl.</p> <p><u>Northwestern Pond Turtle:</u> There is no suitable habitat for the Northwestern Pond Turtle in Molesworth Creek or the surrounding area and no Northwestern Pond Turtles were observed during the site investigation. Therefore, the project will have no effect on the Northwestern Pond Turtle.</p> <p><u>Clear Lake Hitch:</u> A large member of the minnow family found exclusively in Clear Lake and its tributaries. Hitch migrate into l tributary streams of Clear Lake during late winter and early spring to spawn, then return to Clear Lake. The species has a life cycle of four to six years and can grow to approximately 14 inches in length. Adult Clear Lake Hitch have a nomadic, planktivorous lifestyle within Clear Lake, while juveniles typically utilize near-shore habitats. Molesworth Creek does not provide suitable habitat or adequate water flow to support spawning. Therefore, the project will have no effect on the Clear Lake Hitch.</p> <p><u>Monarch Butterfly:</u> Utilizes a wide range of habitats, including fields, open areas, wet areas, and urban gardens where milkweed and other nectar-producing flowering plants are available. Additionally, they require exposure to at least six hours of sunlight for thermoregulation. No Monarch Butterflies were observed during the site investigation. The project area does not provide permanent vegetative habitat for these highly transitory species along their migration route. Therefore, the project will have no effect on the Monarch Butterfly.</p> <p><u>Burke's Goldfields:</u> An annual herb typically associated with mesic meadows, seeps and vernal pools in Lake, Mendocino, Napa, and Sonoma Counties. It typically blooms from April through June (CNPS 2020). No suitable habitat exists at or near the project site. The project will have No Effect on the Burke's Goldfields.</p> <p><u>Few-flowered Navarretia:</u> A small annual herb that forms in mats and produces small pale blue or white flower heads that typically appear from May to June. There are usually two to twenty flower heads. Few flowered navarretia is a vernal pool plant and is found only in these unique wetlands. No suitable habitat exists at or near, the project site. The project will have No Effect on the Few-flowered Navarretia.</p> <p><u>Slender Orcutt Grass:</u> An annual herb found only in California. It occurs within vernal pools, growing at elevations from 35 to 1760 meters. Typically flowers between May and October. No suitable habitat exists at or near the project site. The project will have No Effect on Slender Orcutt Grass.</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
							<p>To ensure impacts related to the Biological Resources are less than significant, the following mitigation measures have been implemented.</p> <p>BIO-1: If Special Status Plant Species are detected in the construction area, the area(s) shall be protected with the installation of temporary construction fencing (or another form of protection) around the species location and a buffer sufficient in size to protect the species.</p> <ul style="list-style-type: none"> - <i>The locations of protected plants will be designated on construction documents and the selected contractor (and sub-contractors) will be required to protect these sites and maintain the construction fencing during construction operations.</i> <p>BIO-2: If the project requires removal of vegetation from March 1st through August 15th, a Nesting Bird Survey shall be conducted by a qualified biologist no more than one week prior to vegetation removal during this period.</p> <ul style="list-style-type: none"> i. <i>If no nesting birds are located during the survey, vegetation disturbing activities may proceed.</i> ii. <i>Should the survey determine that an active nest is in the vegetation and is to be removed during the survey, a qualified biologist shall delineate an exclusion area that is adequate to prevent nesting failure. Active nests, or active nesting activity, may be indicated by the presence of a nest, vocalization by the bird, defensive flight patterns, or other agitated behaviors as observed by the wildlife biologist.</i> iii. <i>Should work cease for 15 calendar days or more after the focused nesting survey has been completed, a new focused nesting survey may be required before vegetation removal can be reinitiated. Documentation for the re-survey will be developed by a qualified biologist.</i> <p>BIO-3: Prior to Project Implementation (if applicable), the applicant shall apply for and secure and maintain all necessary Federal, State and local agency permits.</p>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	According to the Biological, Botanical, and Wetland Delineation Analysis the project will not have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. Less than Significant.

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
c) Have a substantial adverse effect on state or federally protected wetlands (including, not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>According to the Biological, Botanical, and Wetland Delineation Analysis, on May 1st 2025 a field survey occurred. The field survey included a Wetland Delineation Analysis as described in the U.S. Army Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory, 1987) and The Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region (Version 2.0) (USACE, 2010) were used to identify potential wetlands and other waters within the project area.</p> <p>The routine method for wetland delineation described in the ACOE 1987 manual was used to identify potential wetlands within the study area. The ACOE method relies on a three-parameter approach, in which criteria for hydrophytic vegetation, hydric soils, and wetland hydrology must each be met (present at the point of field investigation) to conclude that an area qualifies as a wetland: No Obligate Wetland or Facultative Wetland Plants were identified along Molesworth Creek, and no hydric soil or wetland vegetation indicators were observed throughout the project area.</p> <p>Therefore, the project will not have a substantial adverse effect on state or federally protected wetlands (including, not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means. Less than significant.</p>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>According to the Biological, Botanical, and Wetland Delineation Analysis, the project will not Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites. Less than Significant</p>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project will not conflict with any local policies or ordinances established to protect biological resources, including tree preservation policies or ordinances. The scope of the project does not involve the removal of trees or vegetative cover. If applicable, the project will obtain and comply with all necessary Federal, State, and local agency permits prior to its implementation. Less Than Significant.</p>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project will not conflict with any adopted Habitat Conservation Plan (HCP), Natural Community Conservation Plan (NCCP), or other approved local, regional, or State Habitat Conservation Plans. A review of available planning documents confirms that the project area is not located within the boundaries of a designated HCP or NCCP, nor does it support habitat types specifically identified for conservation under such plans. Additionally, the project does not involve the removal of Oak Heritage Trees or other protected tree species, nor does it require the disturbance or clearing of significant native vegetative cover. As a result, the potential for adverse impacts to sensitive habitats, special-status species, or designated conservation areas is minimal. Less Than Significant.</p>
SECTION V. CULTURAL RESOURCES							
<i>Would the project:</i>							
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>An evaluation of the potential for historical, cultural, tribal, and paleontological resources within the project site and its surrounding area was conducted by Gregory G. White, PhD, RPA, a professional archaeologist from Sub-Terra Heritage Investigations. The investigation involved several key components:</p> <ul style="list-style-type: none"> • Records Search: A thorough review of existing cultural resource databases to identify previously documented resources within the project area. • Consultation with Native American Tribes: In compliance with AB 52 and other relevant regulations, consultation was initiated with local Native American tribes to assess the potential presence of tribal cultural resources and to address concerns about possible impacts.

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
							<ul style="list-style-type: none"> • <u>Site Reconnaissance:</u> A field visit was conducted to evaluate the project site for visible archaeological or paleontological resources, as well as to assess the general setting and potential for undisturbed resources. <p><u>Results of Document and Archival Review:</u> On February 4, 2025, staff from the Northwest Information Center (NWIC) of the California Historical Resources Information System at Sonoma State University conducted an in-house records search and document review for the project area. This review included an examination of reports and records on file for the immediate vicinity of the project site. In addition, several key resources were consulted to evaluate the presence of historical or cultural resources within the area, including:</p> <ul style="list-style-type: none"> • National Register of Historic Places files for Lake County. • California Points of Historical Interest files for Lake County. • California Historical Landmarks registry for Lake County. • California Register of Historical Resources listings for Lake County. • The Historic Properties Data File for Lake County. <p>The documents reviewed during this investigation provided a general outline of the ownership patterns for the project area, but did not indicate any evidence of historical structures, roads, trails, or named features within the project site. Specifically, the investigation found no evidence of any historic structures or other cultural features (such as roads, trails, or landmarks) within the project boundaries.</p> <p>In summary, the archival and document review indicates that there are no known historical, cultural, or archaeological resources within the project area.</p> <p><u>Field Survey Summary:</u> A field survey was conducted on February 27, 2025, by Dr. Greg White, a qualified archaeologist from Sub-Terra Heritage Investigations. The survey covered all areas within the project site and its immediate surroundings, using a high-intensity survey approach. Pedestrian transects were spaced 3 to 5 meters (10 to 15 feet) apart, ensuring thorough coverage of the area. The survey included key locations such as:</p> <ul style="list-style-type: none"> • The constructed channel of Molesworth Creek, extending from the Phillips Street culverts to the west. • The section of the creek that runs parallel to 36th Avenue. • The flat area on the south side of Molesworth Creek, which is designated for equipment and material storage during construction. <p>The landscape in the surveyed area was generally open, with bare earth exposures common, providing high surface visibility that facilitated the identification of any potential cultural or archaeological resources</p> <p><u>Geological Landform and Soil Characteristics:</u> The project area is situated on hillslopes composed of Pleistocene-aged Cache Formation deposits, which are in the foothills east of Clear Lake. These deposits consist of a mix of coarse-grained fluvial and fine-grained lacustrine materials, stacked up to 4,950 feet thick. The Cache Formation is associated with a large ancestral lake that existed east of the present basin and persisted through the middle Pleistocene. These deposits were subsequently uplifted due to Late Pleistocene tectonic activity.</p> <p>The landscape is characterized by unconsolidated gravelly-sandy-clay substrates, which are prone to rapid erosion of the hillslopes. Drainages with floodplain access are regularly inundated with alluvial deposits, further contributing to soil movement and erosion in the area. The local soils are classified as Benridge-Soda Bay and Phipps Clay Loam, which are deep, well-drained, and well-developed clay loams.</p> <p>The field survey also revealed that bare earth exposures were common throughout the surveyed area. Cutbanks along the Molesworth Creek drainage is frequently visible, showing evidence of cut-and-fill deposits to depths of up to 36 inches or more. These deposits were visible as an abrupt discontinuity between the upper, mixed gravelly clay fill and the buried, imbricated alluvial gravel and sand substrates.</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
							<p>Where native deposits were exposed, alluvial gravel and sand were observed, with no visible soils present. This suggests that much of the proposed project area lies within the former floodplain of Molesworth Creek. This floodplain was later buried by landfill material following the development of the Avenues area between 1951 and 1959.</p> <p><u>Report Findings.</u> According to the findings in the report, no historic-era or Native American archaeological sites were identified during the field survey. Given the widespread presence of modern landfills and alluvial deposits throughout the project area, it is considered highly unlikely that any such sites are located within the project footprint. However, the survey did identify one isolated crushed obsidian nodule within the proposed equipment/material storage area. Upon further examination, it was determined that the nodule was non-cultural in nature. It was likely transported to the site through the mixing of foreign fill material rather than being an artifact in its original archaeological context.</p> <p>Therefore, it was concluded that the nodule does not represent a significant cultural resource. However, to ensure impacts related to the Cultural Resources are minimized, the following mitigation measures have been implemented.</p> <p><u>Mitigation Measures:</u></p> <p>CUL-1 During construction activities, if any subsurface archaeological remains are uncovered, all work shall be halted within 100 feet of the finds and the owner shall utilize a qualified cultural resources consultant to identify and investigate any subsurface historic remains and define their physical extent and the nature of any built features or artifact-bearing deposits.</p> <p>CUL-2 The cultural resource consultant’s investigation shall proceed into formal evaluation to determine their eligibility for the California Register of Historical Resources. This shall include, at a minimum, additional exposure of the feature(s), photo-documentation and recordation, and analysis of the artifact assemblage(s). If the evaluation determines that the features and artifacts do not have sufficient data potential to be eligible for the California Register, additional work shall not be required. However, if data potential exists – e.g., there is an intact feature with a large and varied artifact assemblage – it will be necessary to mitigate any Project impacts. Mitigation of impacts might include avoidance of further disturbance to the resources through Project redesign. If avoidance is determined to be infeasible, pursuant to CEQA Guidelines Section 15126.4(b)(3)(C), a data recovery plan, which makes provisions for adequately recovering the scientifically consequential information from and about the historical resource, shall be prepared and adopted prior to any excavation being undertaken. Such studies shall be deposited with the California Historical Resources Regional Information Center. Archeological sites known to contain human remains shall be treated in accordance with the provisions of Section 7050.5 Health and Safety Code. If an artifact must be removed during Project excavation or testing, curation may be an appropriate mitigation.</p> <p>CUL-3 If human remains are encountered, no further disturbance shall occur within 100 feet of the vicinity of the find(s) until the Lake County Coroner has made the necessary findings as to origin (California Health and Safety Code Section 7050.5). Further, pursuant to California Public Resources Code Section 5097.98(b) remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Lake County Coroner determines the remains to be Native American, the Native American Heritage Commission must be contacted within 24 hours. The Native American Heritage Commission must then identify the “most likely descendant(s)”, The landowner shall engage in consultations with the most likely descendant (MLD). The MLD will make recommendations concerning the treatment of the remains within 48 hours as provided in Public Resources Code 5097.98.</p> <p>CUL-4: On or prior to the first day of construction the owner shall organize cultural sensitivity training for contractors involved in ground disturbing activities.</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
b) Cause a substantial adverse change in the significance of an archeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Response to Section V(a): Less than Significant Impact with the incorporated mitigation measure CUL-1 through CUL-4.
c) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Response to Section V(a): Less than Significant Impact with the incorporated mitigation measure CUL-1 through CUL-4.
SECTION VI. ENERGY							
<i>Would the project:</i>							
a) Consume energy resources in a wasteful, inefficient, or unnecessary amount during project construction and/or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project will not consume energy resources in a wasteful, inefficient, or unnecessary amount during project construction and/or operation. Less Than Significant Impact.
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project will not Conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Less Than Significant Impact
SECTION VII. GEOLOGY AND SOILS							
<i>Would the project:</i>							
<p>a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:</p> <p>i) Rupture of a known earthquake fault, as delineated on the most recent Alquist- Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.</p> <p>ii) Strong seismic ground shaking?</p> <p>iii) Seismic-related ground failure, including liquefaction?</p> <p>iv) Landslides?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project will not directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death. However, the project will require the importation of approximately 500 cubic yards of fill material to effectively repair the roadway. Upon completion, the roadway will meet all current federal, state, and local agency requirements, significantly reducing the risk of hazards that could cause loss, injury, or death.</p> <p><u>i) Earthquake Faults</u></p> <ul style="list-style-type: none"> There is no mapped earthquake faults located on or adjacent to the subject site. <p><u>ii-iii) Seismic Ground Shaking and Seismic-Related Ground Failure (including liquefaction)</u></p> <ul style="list-style-type: none"> The site's soil mapping indicates that the soil is stable and not prone to liquefaction. This means that the project area is not subject to significant risks from seismic ground shaking or seismic-related ground failure. <p><u>iv) Landslides</u></p> <ul style="list-style-type: none"> According to the Landslide Hazard Identification Map prepared by the California Department of Conservation, Division of Mines and Geology, the project area is considered generally stable. It is not located within or adjacent to any known landslide hazard zones, further minimizing the risk of landslide-related impacts. <p>The project design will incorporate Best Management Practices (BMPs) to the maximum extent practicable to prevent or reduce the discharge of construction-related or post-construction pollutants into the City's and/or County's storm drainage system. These BMPs will include:</p> <ul style="list-style-type: none"> <i>Erosion and Sediment Control Measures</i> <i>Operation and Maintenance Procedures</i> <i>Activity Scheduling and Routine Maintenance</i> <i>Other measures are in accordance with the City of Clearlake Municipal Code.</i>

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
							The project will obtain all necessary permits from applicable federal, state, and local agencies to ensure compliance with environmental protection standards. Given these considerations, the project is determined to have a Less Than Significant Impact on safety, geological hazards, and stormwater quality.
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project will not result in substantial soil erosion or the loss of topsoil. However, the project includes grading, importing fill material, laying base rock and asphalt and installing drainage systems (culverts and culvert box) along Molesworth Creek to further mitigate potential flooding risks. The project will implement Best Management Practices (BMPs) in accordance with the City of Clearlake Municipal Code and State Stormwater Drainage Regulations. These BMPs will be designed to prevent or minimize the discharge of construction-related and post-construction pollutants into the local storm drainage system to the maximum extent practicable. Additionally, the project will secure all necessary Federal, State and local agency permits. Given these precautions the potential impacts of the project on soil erosion, top-soil loss, and water quality are Less Than Significant.
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on-site or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	According to the soil survey of Lake County prepared by the U.S. Department of Agriculture (U.S.D.A.), the soil at the project site is classified as "generally stable". As a result, there is minimal potential for hazards such as landslides, subsidence, debris flows, liquefaction, or collapse. Additionally, the project area is relatively flat, further reducing the likelihood of soil-related risks. To safeguard water quality and minimize environmental impacts, the project will implement Best Management Practices (BMPs) that align with the City of Clearlake Municipal Code and State Storm Water Drainage Regulations. These BMPs will be applied to the maximum extent practicable to prevent or reduce the discharge of construction-related and post-construction pollutants into the local storm drainage system. The project will also comply with all applicable federal, state, and local agency requirements. All necessary permits will be secured prior to the commencement of construction activities to ensure full regulatory compliance. Given these precautions, the potential impacts of the project on soil stability and water quality are Less Than Significant.
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	According to the Soil Survey of Lake County, California, the soil within the project area has a shrink-swell potential that ranges from "low to moderate". These soil units are not expected to adversely affect future development, including residential dwellings, accessory structures, or supporting infrastructure. To ensure stability and regulatory compliance, the project will adhere to all applicable federal, state, and local agency requirements, including the regulations outlined in the City of Clearlake Municipal Code. Given these considerations, the potential impacts related to soil conditions are Less Than Significant.
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project does not require the use of septic tanks and/or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater. No Impact
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Refer to Section V (CUL-1 through CUL-3) and Section XVIII (TCR -1 though TCR -4).

SECTION VIII. GREENHOUSE GAS EMISSIONS

Would the project:

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Greenhouse gas emissions are a primary driver of global climate change, and these emissions are largely attributed to human activities across various sectors, including industrial operations, utilities, transportation, residential developments, and agriculture. These cumulative emissions contribute to the warming of the planet and are traceable to contributions from countries, regions, cities, and individuals worldwide. The proposed project, which involves the rehabilitation of an existing 600-foot roadway on 36th Avenue between Eureka and Phillips Avenues, may result in temporary increases in GHG emissions during its construction phase. These emissions will primarily stem from
---	--------------------------	--------------------------	--------------------------	--------------------------	-------------------------------------	--------------------------	---

IMPACT CATEGORIES*	1	2	3	4	5	6	<p align="center">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
							<p>construction activities such as the use of diesel-powered equipment, hauling materials, and other vehicle emissions. Based on the established criteria set forth by the City of Clearlake and the Lake County Air Quality Management District, the levels of GHG emissions resulting from these activities are not expected to exceed thresholds that would be considered harmful to air quality or contribute to a significant increase in global climate change.</p> <p>Furthermore, Section III of this Initial Study/Mitigated Negative Declaration outlines a set of specific air quality mitigation measures that have been integrated into the project. These measures are designed to minimize GHG emissions by implementing best practices for construction management, including reducing idling times, optimizing equipment use, and utilizing more efficient machinery when feasible. Additionally, dust control measures will be applied to minimize particulate matter, and the project will adhere to local and state air quality standards to ensure that emissions remain within acceptable limits.</p> <p>The project's impact on GHG emissions is determined to be Less Than Significant given the temporary nature of emissions, the project's adherence to mitigation measures, and its compliance with regulatory standards.</p>
<p>b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project site is located within the Lake County Air Basin (LCAB), which has been designated as an attainment air basin by the California Air Resources Board (CARB). This designation indicates that the LCAB currently meets all the California Ambient Air Quality Standards (CAAQS) for key pollutants, including ozone, particulate matter, and carbon monoxide, among others. As a result of this attainment status, the air basin is not required to prepare or maintain an air quality management plan, as it is already in compliance with state air quality standards.</p> <p>Despite this, the Lake County Air Quality Management District (LCAQMD) is the local agency responsible for overseeing air quality and ensuring that new development projects and construction activities within the LCAB comply with applicable air quality regulations. The proposed project involves the rehabilitation of a 600-foot segment of 36th Avenue between Eureka and Phillips Avenues. The work will primarily involve activities such as grading, re-paving, and the installation of infrastructure improvements, which are expected to result in minimal air quality impacts.</p> <p>Before construction activities begin, the project will adhere to all required regulatory processes. This includes obtaining the necessary Federal, State, and local permits to ensure compliance with air quality regulations. These permits will outline specific measures and actions required to minimize air quality impacts during construction, such as dust control measures, restrictions on construction equipment emissions, and the use of low-emission vehicles and machinery where feasible.</p> <p>Given the attainment status of the LCAB and the project's commitment to compliance with regulatory standards through the appropriate permitting process, any potential impacts to air quality are expected to be Less Than Significant.</p>
<p>SECTION IX. HAZARDS AND HAZARDOUS MATERIALS</p> <p><i>Would the project:</i></p>							
<p>a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project will not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials. However, as part of the construction process, there may be the use and transport of hazardous materials, including fuels, oils, mechanical fluids, and other chemicals commonly employed during road construction and maintenance activities. These materials are necessary for the operation of construction equipment, the stabilization of surfaces, and the maintenance of machinery.</p> <p>To ensure the safety of the workers, the public, and the surrounding environment, the project will adhere strictly to all applicable federal, state, and local regulations regarding hazardous materials management. This includes compliance with U.S. Environmental Protection Agency (EPA) guidelines, California Environmental Protection Agency (CalEPA) regulations, and Occupational Safety and Health Administration (OSHA) requirements. These regulations provide a framework for the safe transport, storage, use, and disposal of hazardous materials.</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	<p align="center">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
							<p>The management of hazardous materials will be carried out in accordance with the California Health and Safety Code, Title 49 of the Code of Federal Regulations (CFR), and the California Vehicle Code, which governs the transport of hazardous materials and chemicals. Transport routes will be selected to minimize risks to the public, and all vehicles used for hazardous materials transport will be equipped with appropriate safety measures such as spill containment systems and signage. Furthermore, personnel handling hazardous materials will be properly trained in emergency response protocols and safety procedures to minimize the risk of accidents or spills.</p> <p>To further mitigate any potential environmental impacts, the project will incorporate Best Management Practices (BMPs) and, if necessary, a Stormwater Pollution Prevention Plan (SWPPP) will be secured for ground disturbance greater than one acre. These plans will include strategies to prevent contaminated runoff from leaving the construction site and impacting nearby Molesworth Creek or other sensitive waterways in the area. BMPs may include silt fences, sediment basins, and covered storage areas for hazardous materials to prevent leakage or spills from reaching stormwater drainage systems. Additionally, all materials will be stored in designated areas to ensure proper containment, and spill response protocols will be in place in case of accidental releases.</p> <p>Although the transport and use of hazardous materials present some inherent risks, these materials will be managed responsibly in compliance with regulatory requirements. The potential risks will be confined to the immediate vicinity of the materials, and all precautions will be taken to prevent contamination of surrounding areas. As a result, the project will not pose a significant hazard to the public or the environment from the transport, use, or disposal of hazardous materials.</p> <p>Based on these safeguards and compliance measures, the environmental impact from hazardous materials is determined to be Less Than Significant.</p>
<p>b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project will not create significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment. However, accidental spills, leaks, equipment malfunctions during the storage, handling, or transport of hazardous materials such as fuels, lubricants, and other construction-related chemicals could occur. To minimize risk, the project will strictly adhere to applicable Federal, State, and local regulatory frameworks, including but not limited to:</p> <ul style="list-style-type: none"> • <i>The Hazardous Materials Transportation Act (HMTA)</i> • <i>The California Health and Safety Code</i> • <i>The U.S. Environmental Protection Agency (EPA) Spill Prevention, Control, and Countermeasure (SPCC) Rule</i> • <i>Requirements from the California Environmental Protection Agency (CalEPA)</i> • <i>Lake County Air Quality Management District</i> • <i>CA Building Code and Standards</i> • <i>City of Clearlake Municipal Codes</i> • <i>Lake County Environmental Health Department</i> <p>These regulations require appropriate containment, labeling, handling procedures, and emergency response planning. All hazardous materials used during the project will be stored in secure, designated areas away from storm drains, waterways (including nearby Molesworth Creek), and public access points. Materials will be handled by trained/qualified personnel using approved safety equipment and procedures, including spill containment kits to quickly address any unintentional releases. Furthermore, the project will implement Best Management Practices (BMPs) and if necessary secure a Stormwater Pollution Prevention Plan (SWPPP) for disturbances greater than one acre to mitigate potential risks of contaminated runoff or stormwater discharge. These measures will further reduce the potential for any significant release of hazardous substances into the surrounding environment, even under accident scenarios.</p> <p>With the integration of these safety measures, regulatory compliance, and environmental safeguards, the likelihood of a significant release of hazardous</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
							materials is extremely low. Therefore, the project's potential impact from the accidental release of hazardous materials is considered Less Than Significant.
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project is not located within one-quarter mile of any existing or proposed school facilities. As a result, there is no potential for the project to expose school populations to hazardous emissions, noise, or other construction-related impacts.
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	A comprehensive review of environmental databases maintained by the California Department of Toxic Substances Control, the U.S. Environmental Protection Agency and the State Water Resources Control Board indicates that the project site is not located on, nor within 2,000 feet of any known National Priorities List (NPL or "Superfund") site, CERCLIS site, or any other site identified as containing hazardous substances. Furthermore, the project site is not identified in the Cortese List of hazardous materials release sites. Based on these findings, the project is not anticipated to encounter and/or disturb known contaminated soil or groundwater, nor is it expected to pose any risk associated with hazardous materials due to site proximity. Therefore, the project is determined to have No Impact with respect to hazardous materials or proximity to contaminated sites
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The proposed project site is not located within two miles of a public or private airport and does not fall within the boundaries of an Airport Land Use Plan (ALUP). The nearest airport, Lampson Field, is situated in Kelseyville, California, approximately 14 miles from the project area. This substantial distance ensures that the project will not conflict with airport operations, flight paths, or airspace safety zones. Given the absence of any aviation-related constraints in the vicinity, the project will not result in safety hazards or land use conflicts for people residing or working in the project area. Therefore, impacts related to airport proximity are determined to be No Impact.
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The proposed project has been thoroughly evaluated and is not expected to impair or interfere with any adopted Emergency Response Plans or Evacuation Routes. To ensure coordination with emergency service and infrastructure providers, the City of Clearlake issued a Request for Review on March 10, 2025, circulating project documentation to relevant federal, state, and local agencies, including but not limited to: <ul style="list-style-type: none"> • <i>Lake County Special Districts</i> • <i>City of Clearlake Police Department</i> • <i>City of Clearlake Community Development Department (Planning, Building, and Public Works Divisions)</i> • <i>Local water utility providers</i> • <i>Lake County Fire Protection District</i> • <i>CA Department of Fish and Wildlife</i> • <i>CA Water Regional Control Board</i> • <i>US Army Core of Engineers</i> <p>The city did not receive any adverse comments or concerns regarding the project. It has been determined that the project is consistent with emergency access standards and does not present any known conflicts with emergency response or evacuation protocols. Furthermore, the project will be implemented in compliance with all applicable local, state, and federal regulations, including those related to public safety, emergency vehicle access, and roadway design. Given the interagency coordination, regulatory compliance, and the nature of the project, the project will not impair the implementation of and/or physically interfere with an adopted emergency response plan or emergency evacuation plan. No Impact.</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project site is located within an area classified as high to very high fire hazard severity, according to maps prepared by the California Department of Forestry and Fire Protection (CAL FIRE). Despite this designation, the proposed project involving the rehabilitation of an existing 600-foot roadway segment along 36th Avenue between Eureka and Phillips Avenues is not expected to expose people or structures to a significant risk of loss, injury, or death resulting from wildland fires. On the contrary, the project is specifically designed to improve roadway conditions, enhance access for emergency response vehicles, and facilitate safer and more efficient evacuation routes in the event of wildfire or other emergencies. These improvements represent a proactive safety measure that strengthens community resilience in fire-prone areas. As part of the planning process, the project was circulated for interagency review on March 10, 2025, involving:</p> <ul style="list-style-type: none"> • City Engineer • City of Clearlake Police Department • City of Clearlake Building Official • Lake County Fire Protection District <p>No adverse comments were received during this consultation/review period, and the project received support or neutrality from all reviewing agencies, confirming its alignment with public safety goals and fire protection standards. Based on the nature of improvements, interagency coordination, and adherence to fire safety standards, the potential impact of the project in relation to wildfire risk is considered Less Than Significant.</p>

SECTION X. HYDROLOGY AND WATER QUALITY

Would the project:

a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project has been thoroughly evaluated to ensure compliance with all applicable water quality standards and waste discharge requirements. It does not involve activities that would degrade surface or groundwater resources or otherwise violate regulatory thresholds established under the federal Clean Water Act, the Porter-Cologne Water Quality Control Act, or relevant local ordinances.</p> <p>To ensure regulatory oversight and compliance, a Request for Review (RFR) was submitted to the Central Valley Regional Water Quality Control Board (CVRWQCB). As the agency responsible for the protection of surface and groundwater resources in this region, the CVRWQCB will provide input regarding required waste discharge permits, Water Quality Certifications/permits, or other applicable clearances. All required permits and regulatory authorizations will be obtained prior to the commencement of construction. The application was also sent to the California Department of Fish and Wildlife on March 10, 2025. In addition to the initial notification, the Biological, Botanical, and Wetland Delineation Analysis was shared via email on May 13th, 2025 to the above agencies and the US Army Core for their records. The project will incorporate Best Management Practices (BMPs) and if more than one acre of ground disturbance occurs, a Stormwater Pollution Prevention Plan (SWPPP) will be implemented.</p> <p>With these environmental safeguards in place, and given the proactive agency coordination and compliance strategy, the project's impact on water quality is considered Less Than Significant.</p>
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project has been thoroughly evaluated and determined to have no substantial impact on groundwater supplies or groundwater recharge. The project scope is focused on the rehabilitation of an existing roadway infrastructure along 36th Avenue, which does not involve activities such as construction, significant excavation, or water extraction that could directly affect groundwater resources.</p> <p>The proposed rehabilitation work will not interfere with sustainable groundwater management practices within the basin. The project area is not located within or near any critical groundwater recharge zones or basins where significant groundwater depletion or quality concerns may arise. The implementation of the project will not impede the natural infiltration processes or reduce the basin's ability to replenish groundwater supplies. To help protect surrounding natural resources, the project will incorporate Best Management Practices (BMPs) during construction to minimize runoff, sedimentation, and other potential impacts to nearby waterways, ensuring compliance with local and regional water quality regulations. Additionally, the project will fully comply with all necessary federal,</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	<p align="center">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
							<p>state, and local agency permits and regulatory requirements, including obtaining all applicable permits for water use, discharge, or stormwater management, prior to the commencement of construction activities. Based on these considerations, the project is anticipated to have a Less than Significant impact on groundwater resources and related sustainability measures.</p>
<p>c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would:</p> <ul style="list-style-type: none"> i) result in substantial erosion or siltation on-site or off-site; ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site; iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted run-off; or iv) impede or redirect flood flows? 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project will include the installation of approximately 600 linear feet of culvert piping and a box culvert within Molesworth Creek which is designed to address local flooding issues and improve stormwater conveyance. Importantly, the project will not alter the course or capacity of Molesworth Creek in a manner that would contribute to erosion, sedimentation, or long-term water quality degradation. It is important to note that the project will not substantially alter the existing drainage pattern of the site or surrounding area. This includes not altering the course of a stream or river nor the addition of impervious surfaces in a manner that would significantly disrupt the current flow patterns or water management characteristics of the area.</p> <p>The project is designed to ensure that it will not result in substantial erosion or siltation either on-site or off-site. This will be accomplished through the careful design of drainage structures, implementation of Best Management Practices (BMPs), and adherence to local, state, and federal environmental guidelines.</p> <ul style="list-style-type: none"> i. <u>Surface Runoff</u>: The project will not significantly increase the rate or amount of surface runoff in a manner that would cause flooding either on-site or off-site. The improvements to the roadway, including the installation of the culvert, are designed to enhance the existing drainage system, preventing water accumulation or runoff from overwhelming the area. ii. <u>Stormwater Drainage Systems</u>: The project will not exceed the capacity of existing or planned stormwater drainage systems. Additionally, it will not introduce substantial additional sources of polluted runoff. The design incorporates stormwater management features, ensuring that runoff is adequately handled without exacerbating pollution or water quality issues. iii. <u>Floodplain and Flood Flow Management</u>: The project will not impede or redirect natural flood flows. The box culvert will be designed to allow for efficient water flow during periods of heavy rain, ensuring that floodwaters are channeled safely without affecting neighboring areas or increasing flood risks. iv. <u>Permits/Compliance</u>: All necessary federal, state, and local agency permits will be obtained prior to the commencement of construction to ensure full compliance with water quality, flood management, and environmental protection regulations. These permits will include approvals related to stormwater management, floodplain regulations, and waterway modifications. <p>Given the careful design and planning of the project, and its adherence to regulatory requirements, the potential impacts related to hydrology and water quality are determined to be Less Than Significant.</p>
<p>d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>According to the 2005 Flood Insurance Rate Map (FIRM) (Panel 06033C0703D, effective September 30, 2005), the project site is located within Flood Zone D. This zone classification is defined as an "undetermined" flood hazard area, which means that there is insufficient data available to make a clear determination of flood risk in this area. Flood Zone D typically applies to areas where flood hazards are not clearly defined, and thus, there is no established flood zone designation such as Zones A, AE, or X that would indicate a high or moderate flood risk.</p> <p>Given the site's designation in Flood Zone D and its lack of proximity to recognized flood hazard, tsunami, or seiche zones, the proposed project is not expected to face significant flood-related risks during construction or post-construction phases. However, as a precautionary measure, the project will still adhere to Best Management Practices (BMPs) and will incorporate any necessary flood mitigation measures in alignment with local flood management standards to ensure water quality and flood control. Based on the information from the Flood Insurance Rate Map and the absence of significant flood-related risks, the impact of the project related to flood hazards is considered Less Than Significant.</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	<p align="center">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project has been thoroughly evaluated and determined to be in full compliance with all applicable water quality and management plans. It will not conflict with or obstruct any existing local, state, or federal regulations pertaining to water quality protection or runoff management.</p> <p>To effectively manage stormwater runoff during both the construction and post-construction phases, the project will implement Best Management Practices (BMPs). These BMPs are designed to minimize or prevent the discharge of pollutants into the local stormwater drainage system. The BMPs will be in accordance with:</p> <ul style="list-style-type: none"> • City of Clearlake Municipal Code • State Storm Water Drainage Regulations • All applicable Federal, State and local agency requirements <p>These practices include, but are not limited to, erosion control measures, sediment barriers, and other erosion prevention techniques that will be used to safeguard water quality and ensure that stormwater runoff is properly managed. All grading activities associated with roadway rehabilitation will adhere to the guidelines and regulatory requirements set forth by federal, state, and local agencies. This will ensure that no violation occurs concerning water quality and stormwater management standards.</p> <p>Given the adoption of the BMPs and the project's commitment to adhering to all applicable regulatory requirements, the potential impacts related to water quality and runoff management are considered "Less Than Significant."</p>
SECTION XI. LAND USE AND PLANNING							
<i>Would the project:</i>							
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will not physically divide an established community. No Impact
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will not cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. No Impact
SECTION XII. MINERAL RESOURCES							
<i>Would the project:</i>							
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will not result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state. No Impact.
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will not result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan. No Impact
SECTION XIII. NOISE & VIBRATIONS							
<i>Would the project:</i>							
a) Generate construction noise levels that exceed the Noise Ordinance exterior or interior noise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction activities related to the project could generate temporary increases in noise levels, which may affect nearby residents and sensitive receptors. Noise impacts are typically associated with construction activities such as grading, trenching, hauling, and operation of construction equipment.

IMPACT CATEGORIES*	1	2	3	4	5	6	<p style="text-align: center;">All determinations need explanation. Reference to documentation, sources, notes and correspondence.</p>
standards at residential properties during the hours that are specified in the City's General Plan Noise Element?							<p>As per the City of Clearlake's Municipal Code Section 5-4, construction activities must adhere to specific noise regulations. These regulations stipulate that noise levels should not exceed 65 dB within 50 feet of any dwelling or transient accommodation between 7:00 AM and 10:00 PM. In certain cases, such as for public works projects, noise levels up to 80 dB at 100 feet may be authorized with the approval of the City Engineer or Building Official. These provisions help manage noise impacts and ensure that construction activities do not significantly disturb the surrounding community.</p> <p>The proposed project will involve road rehabilitation activities such as grading, fill importation, culvert installation, and drainage improvements. Given the relatively small area of disturbance (600 feet) and the controlled nature of the work, the project is not expected to result in significant or prolonged noise disturbances. Construction equipment and activities will be planned and scheduled to avoid excessive noise exposure, particularly during sensitive hours.</p> <p>To minimize potential noise disturbances to less than significant levels, the following mitigation measures will be implemented:</p> <p><u>Mitigation Measures:</u></p> <p>NOI-1: All construction activities including engine warm-up shall be limited to weekdays and Saturday, between the hours of 7:00am and 7:00pm to minimize noise impacts on nearby residents.</p> <p>NOI-2: Permanent potential noise sources such as generators used for power shall be designed and located to minimize noise impacts to surrounding properties.</p> <p>NOI-3: During construction noise levels shall not exceed 65 decibels within fifty (50) feet of any dwellings or transient accommodation between the hours of 7:00 AM and 6:00 PM. This threshold can be increased by the Building Inspector or City Engineer who have approved an exception in accordance with Section 5-4.4(b)(1) of the City Code. An exception of up to 80 decibels may be approved within one hundred (100) feet from the source during daylight hours. Project is expected to result in less than significant impacts regarding noise and vibration.</p>
b) Generate a substantial temporary (non- construction) or permanent increase in noise levels at existing sensitive receptors in the vicinity of the project site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>There are no significant or long-term noise-generating activities anticipated beyond typical construction activities, such as grading, trenching, and equipment operation. These activities will be temporary and managed to comply with noise regulations, ensuring that any construction-related noise remains within acceptable limits.</p> <ul style="list-style-type: none"> • Temporary Noise Impact: The primary source of noise during the construction phase will be from the operation of construction equipment. However, given the nature of the work and its limited duration, the temporary increase in noise levels is not expected to cause significant disturbance to sensitive receptors, such as residences or schools. • Permanent Noise Impact: No permanent noise-generating sources, such as ongoing mechanical operations or traffic increases, are expected as a result of the project. The rehabilitated roadway will improve transportation infrastructure without introducing elements that would significantly alter noise conditions in the area. <p>Since the construction-related noise will be temporary and subject to regulatory limits, no additional mitigation measures are deemed necessary beyond compliance with existing noise ordinances. Given that the project will not result in a substantial increase in noise levels and will adhere to all noise regulations, it is determined to have a Less than Significant Impact on noise levels in the vicinity of the site.</p>

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels and generate excessive ground borne vibration?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>The nearest airport, Lampson Field, is situated in Kelseyville, California, approximately 14 miles from the project area. This substantial distance ensures that the project will not conflict with airport operations, flight paths, or airspace safety zones.</p> <ul style="list-style-type: none"> <i>Airport Land Use Plan:</i> The project site is not located within an area designated by an airport land use plan, meaning it does not fall under any special regulations or zoning requirements typically imposed on areas near airports. <i>Proximity to Public Airport:</i> The nearest public airport is located more than two miles away from the project site, which ensures that the project is not within the typical flight path or noise impact zone of the airport. <p>Given the project's distance from any public airport and its location outside of any airport land use plan, it is determined to have No Impact in relation to airport proximity or airport land use regulations.</p>

SECTION XIV. POPULATION AND HOUSING

Would the project:

a) Induce substantial unplanned population growth in an area, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Since the scope of the project is restricted to enhancing transportation infrastructure, it does not create opportunities or circumstances that would lead to an increase in population density or development beyond what is already planned or may occur within the region. No Impact</p>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>The project will not displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere. No Impact</p>

SECTION XV. PUBLIC SERVICES

Would the project:

<p>Result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services:</p> <p>a) Fire Protection? b) Police Protection? c) Schools? d) Parks? e) Other public facility?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project does not result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services</p> <ul style="list-style-type: none"> <i>Public Services (Fire, Police, Schools, Parks, etc.):</i> No additional demands for emergency services. <i>Service Demand:</i> No additional demand for services or facilities beyond what currently exists in the area is anticipated. <p>Since the project does not involve uses that would require expanded public facilities, the impact on government services is determined to be Less Than Significant.</p>
---	--------------------------	--------------------------	--------------------------	--------------------------	-------------------------------------	--------------------------	--

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
SECTION XVI. RECREATION							
<i>Would the project:</i>							
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project does not increase the use of existing neighborhoods and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. No Impact
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? • Fire Protection • Police Protection • Schools • Parks • Other/Public Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project aims to enhance transportation routes, which is expected to improve emergency access and reduce response times, ultimately contributing to the safety and well-being of the community • <u>Impact on Recreational Facilities:</u> The project does not involve the development or expansion of any parks, recreational amenities, or facilities. No new impacts on recreational facilities will result from the project. • <u>Public Safety Enhancements:</u> While the project does not affect recreational facilities, it is expected to significantly enhance public safety by improving access routes for emergency services. This is a positive outcome for the community as it contributes to faster emergency response times. Since the project does not impact or introduce new demands on recreational facilities, and the improvements will contribute to better emergency access, it has been determined to have No Impact on recreational facilities or their usage.
SECTION XVII. TRANSPORTATION							
<i>Would the project:</i>							
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project does not conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities. No Impact
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will not conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b). No Impact
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will not substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment). No Impact

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	On March 10, 2025, the project proposal was circulated to relevant agencies, including the City of Clearlake Police Department, the Lake County Fire Protection District, the local water district, and Lake County Special Districts for initial feedback. Following this consultation, no adverse comments or concerns were reported by any of the consulted entities. The current condition of 36th Avenue poses significant challenges for emergency vehicle access, which has been a known issue. By rehabilitating this road segment, the project directly addresses these challenges and will substantially improve accessibility for emergency services. This upgrade is expected to result in more efficient response times and contribute to the overall safety and welfare of the surrounding community. As a result, the project will not lead to inadequate emergency access. On the contrary, it enhances the area's emergency response infrastructure, ensuring better service during critical situations. The determination of No Impact on emergency access is both accurate and justified, as the project provides crucial improvements to emergency vehicle accessibility and public safety.

SECTION XVIII. TRIBAL CULTURAL RESOURCES

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>See Response to Section V(a): Less than Significant Impact with the incorporated mitigation measure CUL-1 through CUL-3, including the following mitigation measures.</p> <p>Mitigation Measures: <i>TCR-1: In the event that tribal cultural resources materials are discovered during construction which cannot be avoided or feasibly preserved in place, a project reburial area shall be designated. The reburial area shall be designated by the City after consulting with the project Archaeologist and all consulting Tribe(s). The reburial area shall be documented to avoid future disturbance (within 90 days of the completion of the project, the project Architect shall submit a DPR Form to the CHRIS center and submit a sacred lands file to the NAHC).</i></p> <p><i>TCR-2: On or prior to the first day of ground disturbing activities, the applicant shall arrange for cultural resource sensitivity training for personnel involved in ground disturbing activities.</i></p> <p><i>TCR-3: If human remains are encountered, no further disturbance shall occur within 100 feet of the vicinity of the find(s) until the Lake County Coroner has made the necessary findings as to origin (California Health and Safety Code Section 7050.5). Further, pursuant to California Public Resources Code Section 5097.98(b) remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Lake County Coroner determines the remains to be Native American, the Native American Heritage Commission must be contacted within 24 hours. The Native American Heritage Commission must then identify the "most likely descendant(s)". The landowner shall engage in consultations with the most likely descendant (MLD). The MLD will make recommendations concerning the treatment of the remains within 48 hours as provided in Public Resources Code 5097.98.]</i></p>
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code 5024.1, the lead agency shall consider the significance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Response to Section V(a): Less than Significant Impact with the incorporated mitigation measure CUL-1 through CUL-3; TCR -1 though TCR -3.

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
of the resource to a California Native American tribe.							
SECTION XIX. UTILITIES AND SERVICE SYSTEMS							
<i>Would the project:</i>							
a) Require the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, or natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project does not require relocation or construction of new or expanded water, wastewater treatment, electric power, natural gas, or telecommunications facilities. All existing utilities (i.e. electrical, water and sewer connections) are overseen and maintained by a specific agency, such as the PG&E, Special Districts and the local water district. Less than Significant Impact
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will not exacerbate wildfire risks, and/or expose project occupants to pollutant concentrations from wildfire or the uncontrolled spread of a wildfire. The project is rehabilitating an existing roadway, to improve roadway safety, access, drainage and infrastructure reliability. In fact, the rehabilitation of the roadway will improve emergency egress and ingress by enhancing the accessibility of the area for both residents and emergency services, which is critical during emergency situations, including wildfires. Based on these factors, the project is determined to have No Impact regarding wildfire risks or the uncontrolled spread of wildfire.
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has inadequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project will not result in a determination by the wastewater treatment provider which serves or may serve the project that it has inadequate capacity to serve the project's projected demand in addition to the provider's existing commitments. No Impact.
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project does not require and/or generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals. No Impact
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Since the project focuses solely on roadway improvements, such as grading, paving, and drainage installation, it does not require solid waste disposal nor will it generate solid waste beyond typical construction debris, which will be properly managed in accordance with local regulations. Based on these considerations, the project is determined to have No Impact regarding solid waste generation or disposal.

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
SECTION XX. WILDFIRE							
<i>If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:</i>							
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project will not substantially impair an adopted emergency response plan or emergency evacuation plan Less Than Significant.
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project involves the rehabilitation of an existing roadway, 36th Avenue, between Eureka Avenue and Phillips Avenue (approximately 600 feet in length). The scope of work focuses on upgrading the roadway infrastructure, including grading, paving, drainage improvements, and the installation of a culverts/culvert box. The project does not introduce new structures or uses that would increase the risk of wildfire or exposure to pollutants in the event of wildfire. Furthermore, the rehabilitation effort will adhere to all Federal, State, and local fire safety regulations, including applicable mitigation measures and conditions of approval that ensure the safety of the public during wildfire events. Additionally, the project will not significantly alter the area in a way that would exacerbate wildfire risks or create conditions conducive to the uncontrolled spread of fire. Given these considerations, the potential impact on wildfire risk and exposure to pollutants is determined to be Less than Significant.
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project will not exacerbate fire risk or that may result in temporary or ongoing impacts on the environment as it is rehabilitating existing roadways and drainage system. All infrastructure will be routinely maintained to ensure all Federal, State, and local agency requirements are satisfied, including all necessary City Codes and/or regulations. Additionally, prior to project implementation all applicable Federal, State and local agency permits will be obtained. Less than Significant Impact
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project will not expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes Less Than Significant Impact

IMPACT CATEGORIES*	1	2	3	4	5	6	All determinations need explanation. Reference to documentation, sources, notes and correspondence.
SECTION XXI. MANDATORY FINDINGS OF SIGNIFICANCE							
<p>a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>This project is not anticipated to significantly impact habitat of fish and/or wildlife species or cultural/tribal resources with the incorporated mitigation measures described in the above sections. Therefore, there is minimal risk of degradation, and mitigation measures are proposed that would alleviate project-related impacts. The implementation of and compliance with all mitigation measures identified in each section as project conditions of approval would avoid or reduce all potential impacts to less than significant levels and would not result in cumulatively considerable environmental impacts on habitat of fish and/or wildlife species or cultural resources, nor will the project contribute to factors that would harm the environment or add to any wildfire risk.</p>
<p>b) Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>All potentially significant impacts have been identified related to Air Quality, Biological Resources; Cultural & Tribal Resources; and Noise & Vibration. These impacts in combination with the impacts of other past, present, and reasonably foreseeable future projects in the vicinity could cumulatively contribute to significant effects on the environment. However, the implementation of and compliance with all mitigation measures identified in each section as project conditions of approval would avoid or reduce all potential impacts to less than significant levels and would not result in cumulatively considerable environmental impacts.</p>
<p>c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project has potential to result in adverse indirect or direct effects on human beings. In particular, risks associated with Air Quality, Biological Resources; Cultural & Tribal Resources; and Noise & Vibration. However, implementation of and compliance with the mitigation measures identified in each section would reduce adverse indirect or direct effects on human beings and impacts to less than significant impact levels.</p>

INITIAL STUDY/CEQA SUMMARY:

A comprehensive environmental review of the proposed project site and its surrounding area has been conducted to evaluate potential impacts in accordance with the California Environmental Quality Act (CEQA). The analysis identified potential impacts in the following resource areas: Air Quality, Biological Resources, Cultural and Tribal Cultural Resources, and Noise/Vibration. To address these issues, a series of mitigation measures have been developed and incorporated into the project.

These mitigation measures are designed to avoid, minimize, or reduce potentially significant environmental effects to levels considered less than significant under CEQA. Examples of mitigation include implementation of dust control and emissions reduction practices to protect local air quality, biological monitoring to avoid impacts to sensitive species and habitats, procedures for the protection of cultural and tribal resources in consultation with Native American tribes, and noise-reducing construction practices to protect nearby sensitive receptors. In addition to mitigation, the project will comply with all applicable Federal, State, and local regulatory requirements, and will obtain the necessary permits and approvals prior to project implementation.

ATTACHMENTS:

- Attachment A – 36th Road Rehabilitation Improvement Plans
- Attachment B – Biological Impact Report (dated May 2025); Prepared by HSN.
- Attachment C – RFR Initial Agency Comments