PROJECT STUDY REPORT
City of Blue Lake Truck Route and Pedestrian Improvements

1. **Transportation Problem**
   This project will improve the existing truck route into a multi-modal transportation corridor. The project will address failing roadway surfaces, excessive vehicle speeds, and unsafe pedestrian crossings on Blue Lake's truck route. In addition to the City Hall and the Industrial Park, Blue Lake Elementary School is located along Greenwood Avenue, excessive speeds create safety issues for children and parents.

2. **Project Location**
   Blue Lake's designated truck route from Greenwood Avenue at Blue Lake Boulevard to Railroad Avenue to Taylor Way and the Mad River Bridge on Hatchery Road.

3. **Project Scope**
   Accessibility and Complete Streets including sidewalks, bike lanes, curb ramps, cross walks, traffic calming features, road digouts, paving, and striping.

4. **Functional Classification**
   The truck route is classified as a Major Collector per the Caltrans Road System Maps

5. **Environmental Status**
   This project includes the rehabilitation of the Blue Lake truck route which includes Greenwood Avenue, Railroad Avenue, and portions of G Street, South Railroad Avenue, and Hatchery Road within the existing right of ways. It is anticipated that a negative declaration will be the environmental document to satisfy CEQA for this project. It is anticipated that a Finding of No Significant Impact will satisfy the NEPA and special studies may include:
   - Biological Clearance Report
   - Cultural Resource Study and Consultation with Tribal Governments

6. **Traffic Data**
   2012 ADT on Greenwood Avenue: ~1,000

7. **Roadway Geometrics**

Street	*Through Traffic Lanes*	
	Num. of Lanes	*Road Width (feet)*
Greenwood Avenue	2	42
Railroad Avenue	2	40
Hatchery Road	2	34-48

8. **Structures**
   No structures will be included in this project

9. **Existing Conditions**
   The existing pavement is deteriorated with wheel tracks requiring digout of unsuitable material along portions of Greenwood Avenue and Railroad Avenue.

The existing sidewalk along Hatchery Road that connects down town Blue Lake to the businesses at Taylor Way and provides a path to access the Mad River is a paved sidewalk.

If this project is not constructed, the pavement will continue to deteriorate, and pedestrians and bicyclists will continue to not have a safe route along the Blue Lake Truck Route to navigate throughout Blue Lake.

10. Pavement Rehabilitation

The pavement rehabilitation will provide a service life of at least 12 years. The roadway surface will be constructed to current City of Blue Lake and Caltrans standards, and the work will be verified using standard Caltrans material testing procedures and the City's Quality Assurance Program (QAP).

11. Cost Estimate and Scheduling

Project Component	*Cost*	*Start Date*	*Estimated Completion*
Environmental Studies and Permits	$120,000	2/20/2018	11/15/2018
Plans, Specifications, and Estimate	$130,000	2/20/2019	10/15/2019
Construction	$2,935,000	4/1/2020	11/15/2020
Total	**$3,185,000**		

12. Other Agencies Involved

The County of Humboldt takes over jurisdiction of Hatchery Road at the Mad River Bridge. The City of Blue Lake will coordinate design with the County's future plans for Hatchery Road.

13. Other Considerations

N/A

14. Proposed Funding

This project is proposed to be funded from STIP funding sources. The table below shows the funding source and anticipated funding amount.

Project Component	**Cost Estimate**	**STIP Funding Request**	**Committed Funds** **City Funds (SB-1)**	**Uncommitted Funds**	**Allocation Schedule**
Environmental Studies & Permits	$120,000	$120,000	$0		2017/2018
Plans, Specifications & Estimates	$130,000	$130,000	$0		2019/2020
Right of Way	$50,000	$0	$0	$50,000	2020/2021
Construction Engineering	$285,000	$0	$0	$285,000	2020/2021
Construction	$2,600,000	$0	$0	$2,600,000	2020/2021
Total	$3,185,000	$250,000	$0	$2,935,000	

15. List of Attachments

A. Project Map/Vicinity Map

16. Report Preparation

Prepared By CODY LONG Date 12/13/17

This Project Study Report (Local Rehabilitation) has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions, and decisions are based.

Mike Foget 12/13/17

REGISTERED CIVIL ENGINEER C 54123 DATE

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Ho
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community

EXPLANATION

TRUCK ROUTE

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0 1"=400' 400 ±

SHN Consulting Engineers & Geologists, Inc.

City of Blue Lake
Truck Route
Blue Lake, California

November 2017 | TruckRoute

Blue Lake
Truck Route
SHN 017003.300

Figure 1

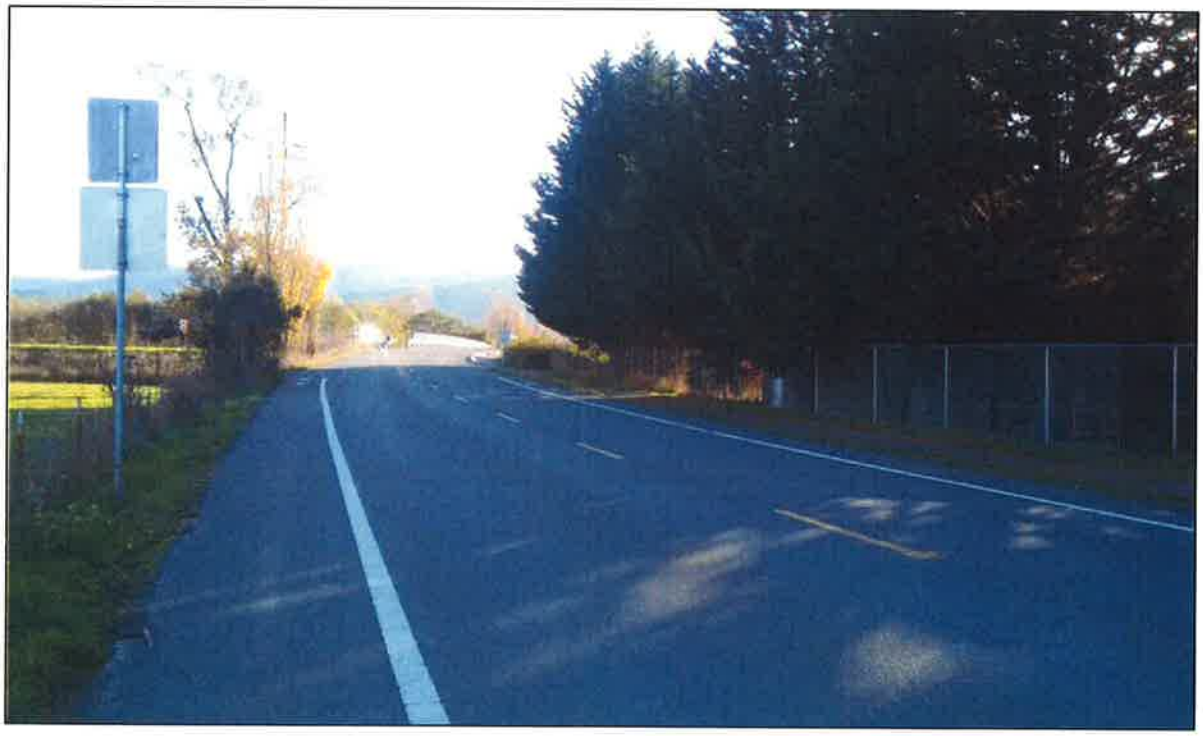
Greenwood Avenue, looking north.

South Railroad Avenue at the intersection with H Street and Hatchery Road, looking east.

Intersection of Hatchery Road, South Railroad Avenue, and H Street, looking west.

Intersection of Hatchery Road, S. Railroad Avenue, and H Street, looking north.

Hatchery Road and Taylor Way, looking north.



Hatchery Road, looking south.