

SHASTA ENGINEERING AND CONSULTING

ROAD EVALUATION REPORT FOR

TABLE BLUFF ROAD

PROJECT: HUMBOLDT EMERALD TRIANGLE LLC,
MICHELLE HILL —APN 308-131-012 and 308-131-020

FOR SUBMISSION TO THE COUNTY OF HUMBOLDT

By
John R. McCarthy
RCE 29457

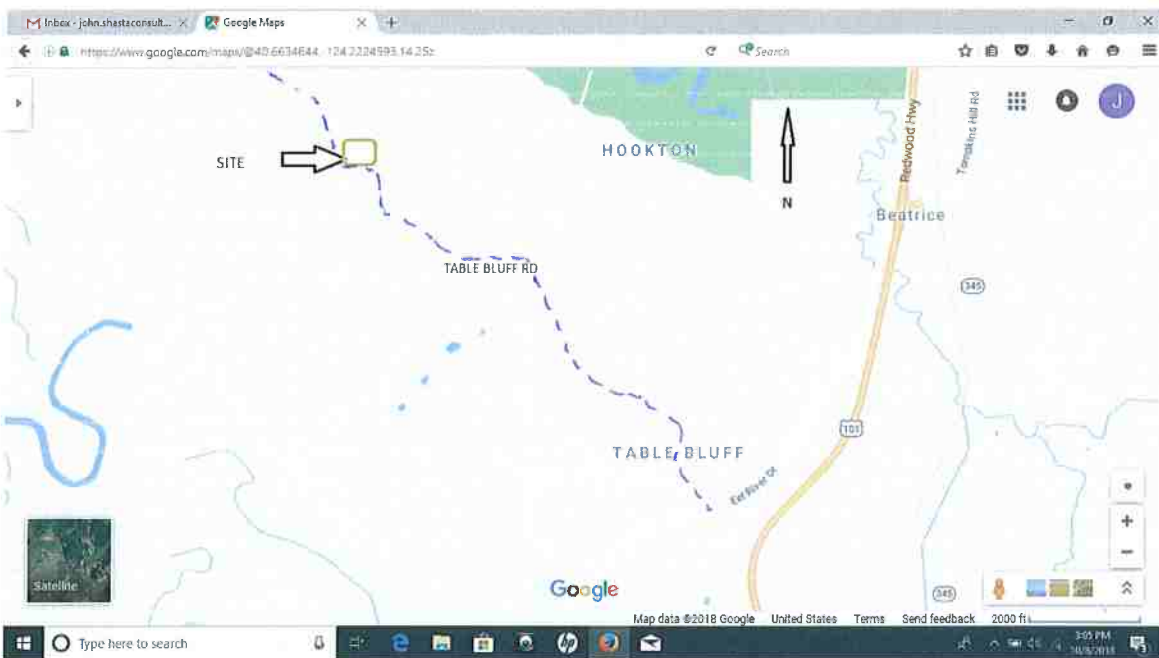
OCTOBER 2018



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Table Bluff Road is an existing two lane asphalt road in Humboldt County south of Eureka and north of the town of Loleta. The road generally runs in a north-south orientation. Table Bluff Road going north from Eel River Road, is the main road to and from the project site. It is maintained by Humboldt County.

The general area is very rural/agriculture in nature with large parcel sizes. There are a limited number of homes and farms that access Table Bluff Road. Traffic volumes are estimated at less than 500 ADT near Eel River Road and less than 100 ADT near the project site. The County has a maintenance yard off Table Bluff Road on Hookton Cemetary Road.



Above is a general map showing Hwy 101, Eel River Drive and access to Table Bluff Road.



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Below are pictures showing the general asphalt road conditions for various areas of Table Bluff Road near the project site.



The Humboldt County form “Road Evaluation Report” is attached and shows that the road meets the A4 standards as required for this project under box 2.

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

PART A: Part A may be completed by the applicant

Applicant Name: HUMBOLDT EMERALD TRIANGLE LLC APN: 308-131-12, 308-131-020

Planning & Building Department Case/File No.: PERMIT APP # 11065 and 11069

Road Name: TABLE BLUFF ROAD (complete a separate form for each road)

From Road (Cross street): EEL RIVER ROAD

To Road (Cross street): PROJECT SITE

Length of road segment: 1.8 MILES miles Date Inspected: August 2018

Road is maintained by: County Other _____
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

Box 1 The entire road segment is developed to Category 4 road standards (20 feet wide) or better. If checked, then the road is adequate for the proposed use without further review by the applicant.

Box 2 The entire road segment is developed to the equivalent of a road category 4 standard. If checked, then the road is adequate for the proposed use without further review by the applicant.

An equivalent road category 4 standard is defined as a roadway that is generally 20 feet in width, but has pinch points which narrow the road. Pinch points include, but are not limited to, one-lane bridges, trees, large rock outcroppings, culverts, etc. Pinch points must provide visibility where a driver can see oncoming vehicles through the pinch point which allows the oncoming vehicle to stop and wait in a 20 foot wide section of the road for the other vehicle to pass.

Box 3 The entire road segment is not developed to the equivalent of road category 4 or better. The road may or may not be able to accommodate the proposed use and further evaluation is necessary. Part B is to be completed by a Civil Engineer licensed by the State of California.

The statements in PART A are true and correct and have been made by me after personally inspecting and measuring the road. A map showing the location and limits of the road being evaluated in PART A is attached.

Signature

Date

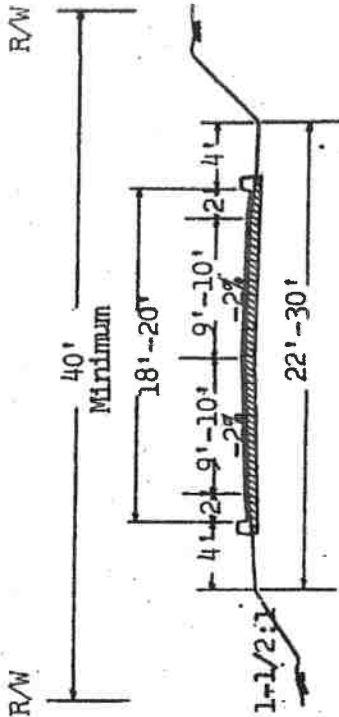
Name Printed JOHN R. McCARTHY
for Humboldt Emerald Triangle LLC

9/19/2018

Important: Read the instructions before using this form. If you have questions, please call the Dept. of Public Works Land Use Division at 707.445.7205.

ROADWAY CATEGORY 4 (TWO LANE - NARROW TRAVELED WAY)

TYPICAL SECTION



- (1) Traveled Way Width: 18 - 20 feet
 - (2) Shoulder Width: 4 ft. (when required)
 - (3) Roadbed Width: 22 ft. (30 ft. with shoulders)
 - (4) Right of Way Width: Minimum 40 ft. for new road or road not previously County maintained. Must be adequate for maintenance. Currently maintained roads may have less than a 40 foot right of way.
- Structural Section: Depends upon results of engineering analysis of materials and soil by County laboratory.
- Surface Recommendation: Seal Coat (double) or Asphalt Concrete.
- Design Period: 20 years

Notes:

Mobility	Volume
25-50 MPH Safe Driving Speed	Low to Moderate 250 - 1000 ADT

Service Provided:

Function	Use	Service Level
Access	Single Access - Public	3, 4
Collector	Multiple Access - Public	3, 4, 5
	Collector - Rural	3, 4, 5
	Collector - Urban	2, 3, 4
Arterial	Collector - Connector	2, 3, 4
	Arterial - Rural	2, 3, 4
	Arterial - Urban	2, 3, 4

Roadway Classification Categories (Section 7-300):

Geometric Standards (Section 2):

ELEMENT	DESIGN SPEED/TERRAIN							
	Flat		Rolling		Mountainous			
	30	40	50	30	40	50	30	40
Grade Tolerable Grade #	7	7	6	9	8	7	10	10
Sight Distance	200	11	9	14	12	11	15	15
	Stopping	30	40	50				
	Passing							
Intersection	1100	275	350					
Minimum Curve Radius	300	1500	1800					
Horizontal Clearance to Obstructions	300	400	500					
Surface Cross Slope	10	10	10					
	2%	2%	2%					

* For short distances.
 @ If surfaced with Seal Coat or A. C. - 4% if gravel.

Figure 7-302D