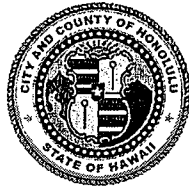


DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

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HONOLULU, HAWAII 96813
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RICK BLANGIARDI
MAYOR



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DIRECTOR

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DEPUTY DIRECTOR

TE 858199
TS21.068

August 6, 2021

Mr. Alvin Au
Executive Director
Oahu Metropolitan Planning Organization
707 Richards Street, Suite 200
Honolulu, Hawaii 96813

Dear Mr. Au:

**SUBJECT: Request for Concurrence on Functional Reclassification of
Mokuola Street/Managers Drive/Lumiaina Street Route**

The City and County of Honolulu, Department of Transportation Services (DTS) is requesting concurrence for the functional reclassification of Mokuola Street/Managers Drive/Lumiaina Street Route, which will be referred to as Managers Drive. The DTS recommends Managers Drive be reclassified from a local road to a minor collector.

Should you have any questions regarding this letter, please contact Bryan Lum at 768-8332.

Very truly yours,

A handwritten signature in black ink, appearing to read "J. Roger Morton".

J. Roger Morton
Director

Enclosures: Functional Reclassification Request Form and Attachment

cc: Kelly Akasaki, DTS Project Manager

FEDERAL FUNCTIONAL CLASSIFICATION REQUESTS

This form has been developed for use in all future requests for Federal Functional classification changes.

One form should be completed and submitted for each requested classification change. Functional classification changes require coordination with the Oahu MPO, if applicable.

Upon completion of the requested forms they should be submitted to the HDOT with a concurrence letter from the local government and any necessary maps or narrative to support the change.

1. COUNTY or CITY NAME Honolulu	COUNTY or CITY NO. <i>(refer to Local Agency Guidelines)</i> Honolulu
2. LOCAL AGENCY CONTACT PERSON Bryan Lum	TELEPHONE NO. (808) 768-8332
3. LOCAL NAME OF ROUTE Mokuola Street/Managers Drive/Lumiaina Street	ROUTE NO. <i>(if State Route use SR No.)</i> Not Assigned
4. TERMINI OF ROUTE <i>(Description and milepost (if available))</i> FROM <input style="width: 200px;" type="text" value="Farrington Highway"/> TO <input style="width: 200px;" type="text" value="Paiwa Street"/> LENGTH: Miles 2.1 miles	
5. TYPE OF AREA <i>(Federal Aid Highway Urban Area):</i> <input checked="" type="checkbox"/> URBAN <input type="checkbox"/> RURAL	
6. EXISTING FUNCTIONAL CLASSIFICATION <input style="width: 100%;" type="text" value="Local Road"/>	PROPOSED FEDERAL FUNCTIONAL CLASSIFICATION <input style="width: 100%;" type="text" value="Minor Collector"/>
<i>(Urban Freeway/Expressway, Principal Arterial, Minor Arterial, Collector, Rural Major Collector, Rural Minor Collector, Local Access)</i>	
7. SPACING <i>(Distance to parallel Federal functionally classified route)</i> Miles: 2.1 miles	
8. Average Trip Length N/A	
9. EXISTING OR PROPOSED ROAD CHARACTERISTICS Roadway Width (incl. shoulders): 44 ft. Surfacing Type <i>(mark appropriate space)</i> <input type="checkbox"/> Gravel <input checked="" type="checkbox"/> ACP <input type="checkbox"/> BST <input type="checkbox"/> Earth <input type="checkbox"/> Other:	
10. TRAFFIC GENERATORS <i>(Generators that route serves - est. VPD)</i> INDUSTRIAL: Employees 300 VPD 400 AIRPORTS: Annual Flights _____ VPD <input style="width: 50px;" type="text"/>	SHIPPING POINTS: Annual Tons _____ RECREATIONAL: Annual Visitors _____ <i>(parks, lakes, beaches, etc.)</i> AGRICULTURE AREAS: _____

MILITARY INSTALLATIONS: Type _____ VPD _____	COLLEGE OR UNIVERSITY: Enrollment <u>600</u>
SHOPPING CENTER: No. Stores _____ VPD <input type="text"/>	GOV. INSTITUTION: VPD _____
OTHER: Type <u>School</u> _____ VPD <u>500</u>	

11. Are there zoning ordinances which can restrict growth or encourage growth of any of the above generators? Please indicate below.

N/A

12. TRAFFIC (at significant volume change locations)

Location <u>See attached</u>	Existing Traffic <input type="text"/>	Location _____	Existing Traffic _____
Future Traffic (20 years) _____ VPD		_____ VPD	
		Future Traffic (20 years) _____	VPD _____

13. Written description of route (general characteristics including alignment, speed limit and how it relates to the surrounding area in terms of importance.)

See attached for #12-16.

14. A brief description why the proposed change is requested and justification for the change.

15. Additional remarks to more fully explain the situation.

16. Attach a vicinity map showing the **proposed changes**, and **existing Federal Functional Classifications**.

Attachment for Managers Drive Reclassification

10. Elementary School: 600 students and faculty, Filipino Community Center: 500-1,000 vpd, Small shops: 500 vpd

12. Traffic on Mokuola St: 9,000 vpd, Managers Dr: 6,000 vpd, Lumiaina St: 4,000 vpd

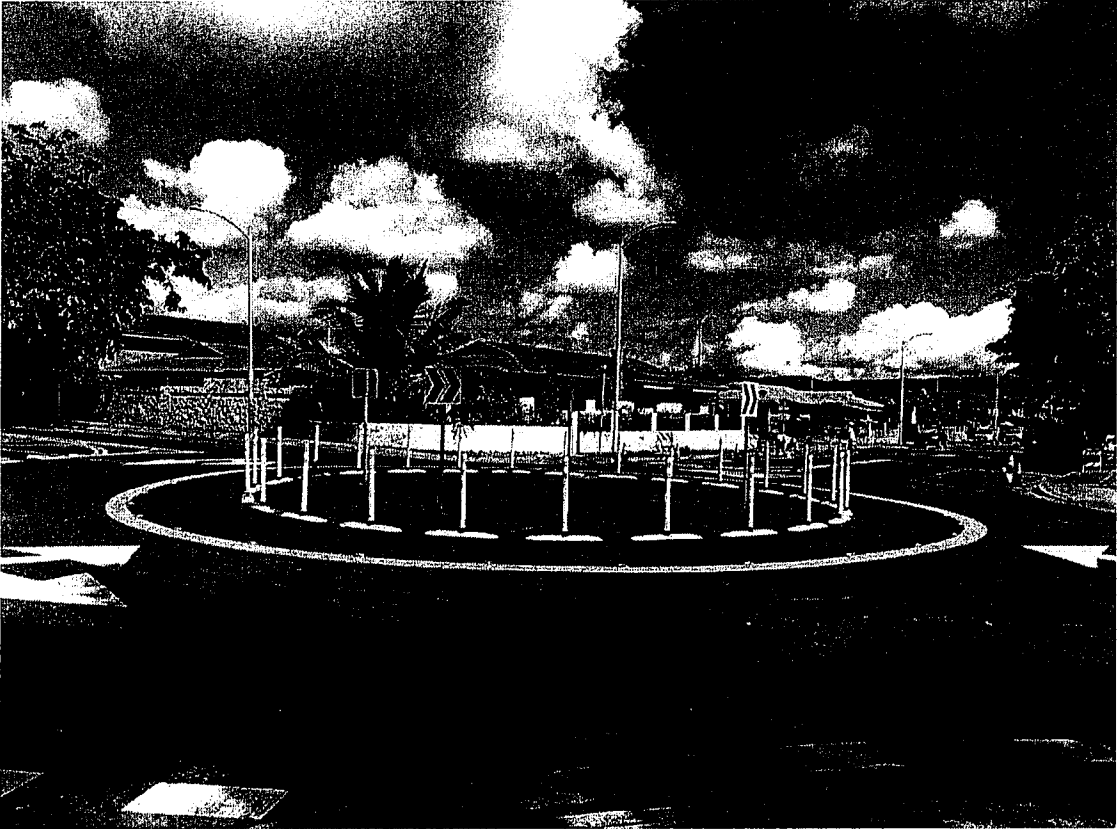
13. Mokuola Street/Managers Drive/Lumiaina Street route will be referred to as Managers Drive. The route is a 2.1 mile road. There is a travel lane and bike lane in both directions, with the exception of Lumiaina St, which has two travel lanes in both directions and no bike lanes. The posted speed limit is 25 mph. The cross section is 44' wide which carries throughout the road. Concrete sidewalks exist along both sides of the route. The roadway is comprised of asphalt. The route is located between Farrington Highway and Paiwa Street. The average daily traffic (ADT) is 6,000 to 10,000 vpd based on counts taken from 2006 to 2018. The route is not classified, however based on the ADT the route would be classified as a minor collector.

The Managers Drive route serves an industrial area, residential community, Filipino community center, district parks, and Waikele Elementary. Waikele Elementary is located on Lumiaina St and has 600 students and faculty. The route serves five bus routes (43, 99, 103, 432, & 434). Peak traffic along the route occurs in the morning and afternoon during rush hour and the start/end of school. Higher vehicular volumes are present on Mokuola St between Farrington Hwy and Lauko St where the industrial area, community center, and small shops & businesses are located. The route connects to Hikimoe Street Transit station for The Bus. It will also connect to the future rail station on Farrington Highway.

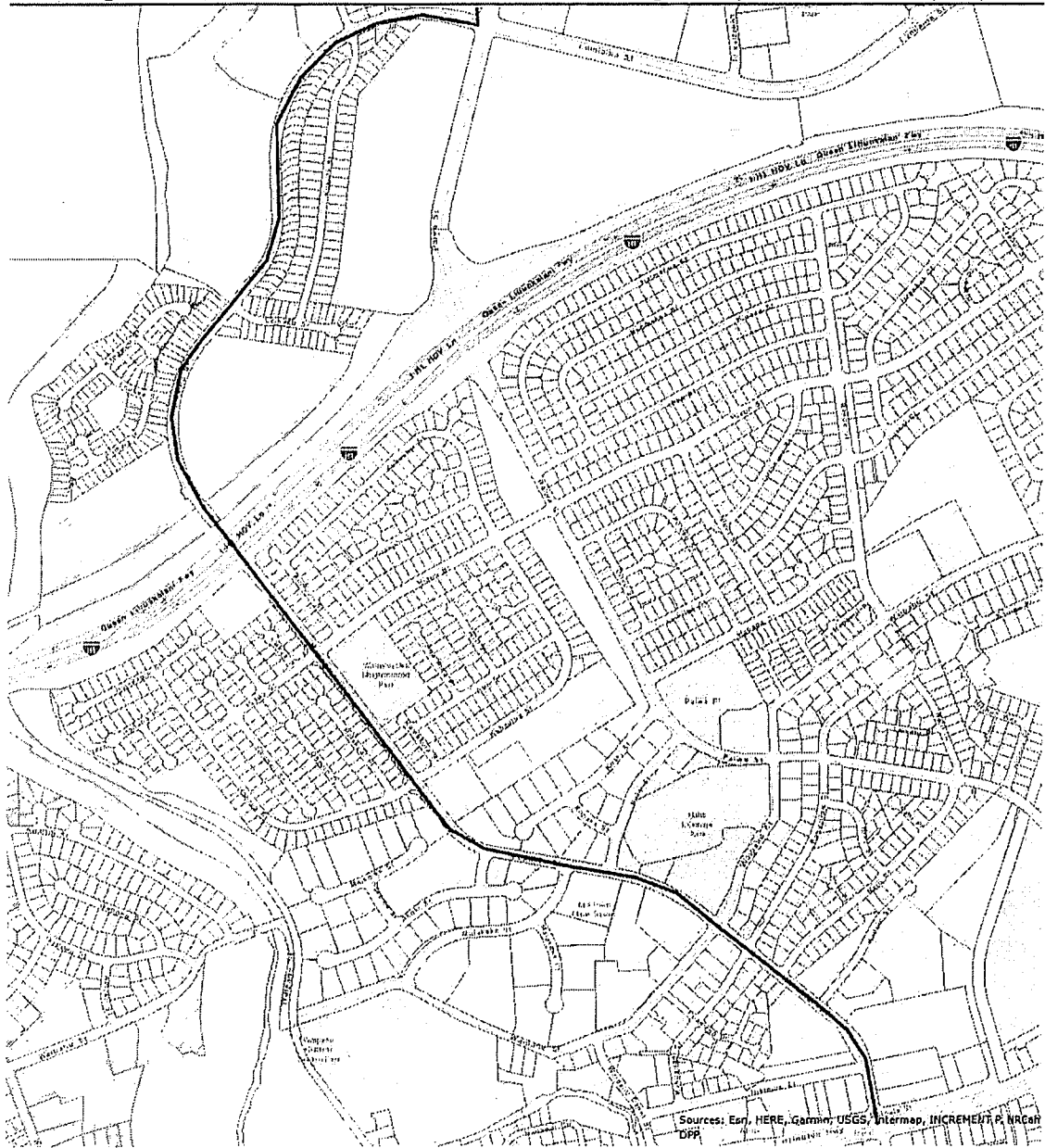
14. DTS proposes the route to be classified as a minor collector. Managers Drive and the overpass was built in 1998 to connect Waikele and Waipahu. The route is currently not classified on City & County of Honolulu or HDOT functional classification reports. DTS requests that Managers Drive be classified in order to receive federal funding for roadway improvements on the route. According to the 2011 AASHTO A Policy on Geometric Design of Highways and Streets, an urban collector road has a VPD of over 2000 and has bus routes. Managers Drive has an average ADT of 6,000 vpd taken in 2006 and has five bus routes. Trips are generated along the route from school, community center, industrial area with shops and businesses, and parks. Managers Drive carries traffic between Waipahu and Waikele to major collector roads and highways such as Paiwa St and Farrington Hwy.

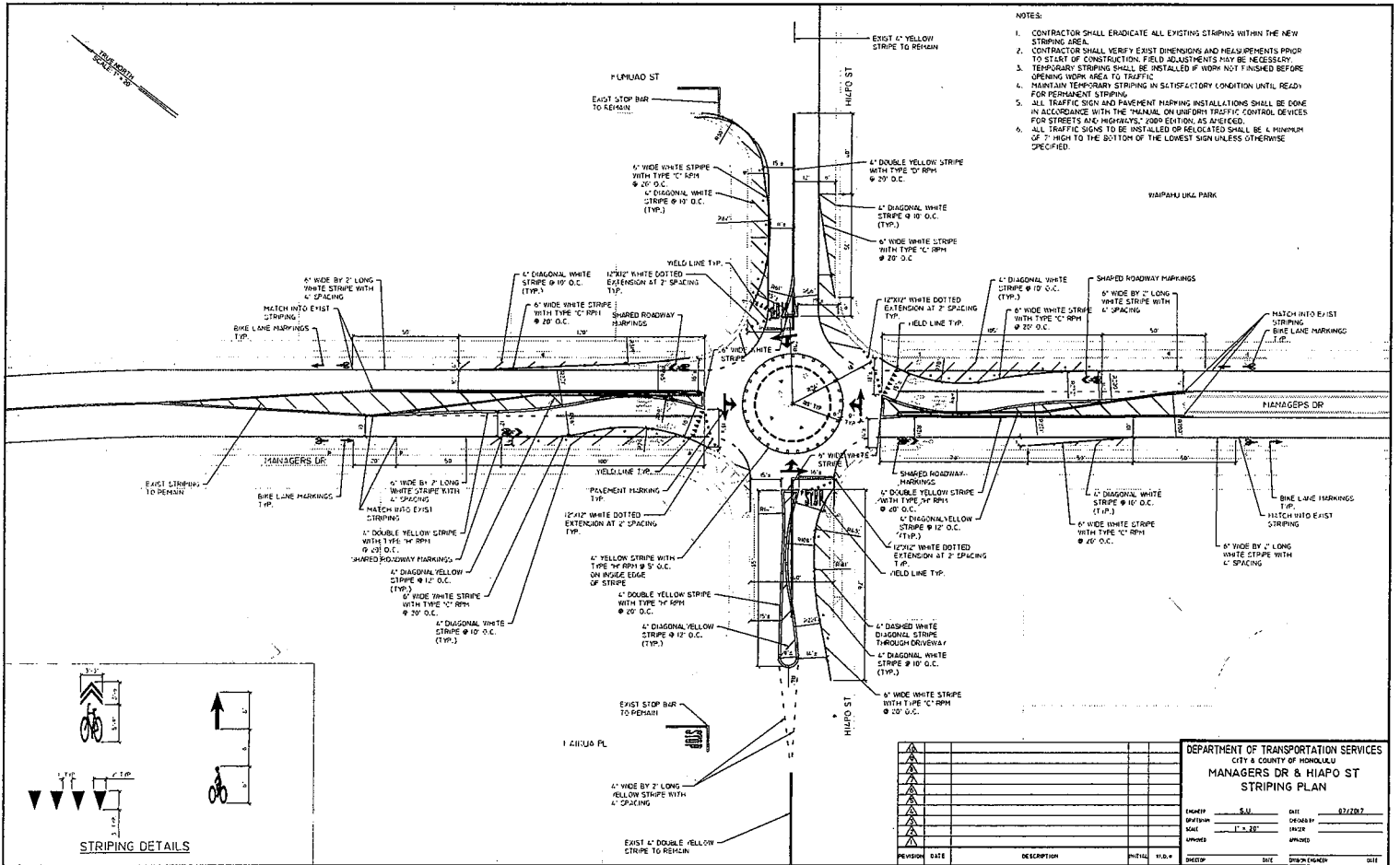
Planned future improvements to the route will take place at the Managers Dr and Hiapo St intersection. A permanent traffic circle with a concrete roundabout, crosswalks, roadway striping and signage, and pedestrian and bike improvements will be installed. A temporary traffic circle was installed in 2018 and is comprised of delineators and raised curb. See attached plans.

15. Pictures of current traffic circle at Managers Dr and Hiapo intersection.



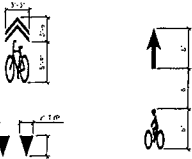
16. Managers Drive, Mokuola St, and Lumiaina St between Farrington Hwy to Paiwa St Vicinity Map





- NOTES:
1. CONTRACTOR SHALL ERADICATE ALL EXISTING STRIPING WITHIN THE NEW STRIPING AREA.
 2. CONTRACTOR SHALL VERIFY EXIST DIMENSIONS AND MEASUREMENTS PRIOR TO START OF CONSTRUCTION. FIELD ADJUSTMENTS MAY BE NECESSARY.
 3. TEMPORARY STRIPING SHALL BE INSTALLED IF WORK NOT FINISHED BEFORE OPENING WORK AREA TO TRAFFIC.
 4. MAINTAIN TEMPORARY STRIPING IN SATISFACTORY CONDITION UNTIL READY FOR PERMANENT STRIPING.
 5. ALL TRAFFIC SIGN AND PAVEMENT MARKING INSTALLATIONS SHALL BE DONE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" 2009 EDITION, AS AMENDED.
 6. ALL TRAFFIC SIGNS TO BE INSTALLED OR RELOCATED SHALL BE A MINIMUM OF 7' HIGH TO THE BOTTOM OF THE LOWEST SIGN UNLESS OTHERWISE SPECIFIED.

STRIPING DETAILS



REVISION	DATE	DESCRIPTION	INITIAL	NO.	GROUP	DATE	DESIGNED BY	DATE	APPROVED	DATE

DEPARTMENT OF TRANSPORTATION SERVICES
CITY & COUNTY OF HONOLULU
MANAGERS DR & HIALEA ST
STRIPING PLAN