

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843



May 28, 2008

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Manager and Chief Engineer

DEAN A. NAKANO
Deputy Manager and Chief Engineer

FILE COPY

TO: HENRY ENG, FAICP, DIRECTOR
DEPARTMENT OF PLANNING AND PERMITTING

ATTN: TIM HATA

FROM: 
CLIFFORD P. LUM, MANAGER AND CHIEF ENGINEER

SUBJECT: YOUR MEMORANDUM DATED APRIL 21, 2008, REGARDING PUBLIC
INFRASTRUCTURE MAP REVISION FOR TRANSIT STATIONS FOR THE
HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT (2008/PIM-2)

We have no objections to the proposed Public Infrastructure Map (PIM) revision for the transit stations and transit corridor project. We provided similar comments on the previous PIM revision 2008/PIM-1 transit corridor facilities and have the following comments on the additional proposed transit stations for 2008/PIM-2:

1. The water system is adequate for most of the proposed transit facilities. The availability of water for the facilities and transit-related development should be coordinated with the Board of Water Supply (BWS). The availability of water will be confirmed when the building permit applications are submitted for approval. When water is made available, the applicant will be required to pay the applicable Water System Facilities Charges.
 - a. The following proposed Ewa Development Plan (DP) Area transit stations have no BWS facilities in the vicinity and will require coordination with the master developers who will be installing new water systems in these areas:
 - Kapolei/Hanua
 - Kapolei/Wakea
 - North-South/Kapolei
 - North-South/UHWO-Makai
 - b. The following proposed transit stations are located in areas that are served by the Navy's water systems:
 - Saratoga/Wakea
 - Saratoga/Fort Barrette
 - Saratoga/North-South
 - Kamehameha/Radford

- c. The proposed Leeward Community College transit station located at Leeward Community College, may require significant water system improvements to provide domestic water service and fire protection.
 - d. The proposed Aolele/Airport and Aolele/Lagoon transit stations are located in an area served by the State Department of Transportation water system.
2. The construction drawings should be submitted for our review and approval.
 3. BWS Rules and Regulations require the use of nonpotable water for the irrigation of large landscaped areas if a suitable supply is available. The use of nonpotable water for proposed transit facilities in areas served by BWS nonpotable water systems should be investigated and coordinated with BWS. The proposed Ewa DP Area transit stations are in the vicinity served by the BWS Honouliuli Recycled Water System and the proposed West Kapolei and Hoopili nonpotable water systems. The following proposed transit stations are in the vicinity served by the BWS Kalauao Spring Brackish Water System:
 - Kamehameha/Kaonohi
 - Salt Lake/Kahuapaani
 - Aloha Stadium
 - Kamehameha/Radford
 - Aolele/Airport
 - Aolele/Lagoon Drive
 4. We recommend the use of drought-tolerant low-water use plants and xeriscaping principles for all landscaping. We also recommend the installation of an efficient irrigation system, possibly using drip irrigation. The irrigation system should incorporate moisture sensors to avoid the operation of the system in the rain and if the ground has adequate moisture.
 5. The proposed facilities should consider water conservation measures, such as the use of Water Sense labeled ultra low-flow water fixtures and toilets, drought-tolerant and low-water use landscaping and water-efficient irrigation systems.
 6. We reserve further comments on the proposed project until the development plans are formalized.

If you have any questions, please contact George Kuo at 748-5941.

GK:js

cc: R. Chun (Customer Care)

S. Muraoka

G. Kuo

08-0426

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 527-6743
DEPT. WEB SITE: www.honolulu.gov • CITY WEB SITE: www.honolulu.gov

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MUFI HANNEMANN
MAYOR



HENRY ENG, FAICP
DIRECTOR

DAVID K. TANOUÉ
DEPUTY DIRECTOR

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2008/PIM-2 (TH)

April 21, 2008

MEMORANDUM

TO: FEDERAL, STATE, AND CITY AGENCIES

FROM: HENRY ENG, FAICP, DIRECTOR *Randolph Hata for*
DEPARTMENT OF PLANNING AND PERMITTING

SUBJECT: PUBLIC INFRASTRUCTURE MAP REVISION FOR TRANSIT STATIONS
FOR THE HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR
PROJECT (2008/PIM-2)

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Attached is a summary description and location maps for a proposed revision to the Ewa, Central Oahu, and Primary Urban Center Public Infrastructure Maps (PIM), initiated by the Honolulu City Council via Resolution 08-69 (attached). Although very similar, this is not identical to the earlier transit amendment requested by the Department of Transportation Services, which we circulated for comments in March.

Due to time constraints imposed by the Capital Improvement Program, we would appreciate your organization's review and response by **May 16, 2008** with respect to either: (1) your agency's area of responsibility or programs, or (2) the services, which are planned or provided by your agency and whether or not they are adequate to serve the proposed project.

Of course, we would also be pleased to receive any additional comments or recommendations you believe should be considered in our review. Please refer to our project number (2008/PIM-2) in your response.

Additional information on the proposed revision is available for review at this department's office. Should you have any questions, please contact Tim Hata of our staff at 768-8043.

HE:lh

Attachments