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For Information Only
WAIMANALO
Project Updates
March 21, 2022
Waikupanaha Agricultural Lots

30 subsistence agricultural lots (0.5 - 0.7 acres)

Draft Environmental Assessment published November 2019

HHC approval of FONSI March 2020

Planning & Design terminated August 2020

The range of possible agricultural activities may be limited

Engineering consultant estimates a high per lot cost ($600,000)
Residential and Subsistence Agriculture Lots

104.547 acres conveyed by DLNR to DHHL in 2018
Existing DLNR GL expires November 30, 2029
Residential and Subsistence Agriculture Lots

Potential Residential
Approximately 250 Lots
Minimum 5,000 sq ft
Residential and Subsistence Agriculture Lots

Potential Subsistence Agriculture
Approximately 56 Lots
Minimum ½ acre
Nakini and Huli Streets Traffic Calming

Six speed bumps
  3 on Nakini Street
  3 on Huli Street

Other Traffic Calming measures investigated

Construction: Summer 2022

Legislative Appropriation (Act 6 SLH 2020) $800,000
Waiokeola Stream & Drainage Channel Improvements

- Improvements to dirt drainage channel to mitigate flooding complaints from homesteaders
- Install rip rap in various areas
- Install Fencing
- Bid in Summer 2021
  Construction start: Fall 2021
- Construction: $1.3 million
- Construction requires new maintenance road adjacent to homestead properties.
Waimanalo Flood Control Channel Improvements

- Concrete lined channel (approximately 2,000 linear feet)
- Runs from Kamauna Place down to Kalanianaole Highway
- Improvements include:
  - Spall work
  - Crack Repair
  - Fence Repair
  - Tree Removal
  - Lining
- Cost Est. $2.5 Million (Leg CIP Purpose 4)
- Advertise for bids in Spring 2022
Bell Street Drainage Improvements

- Hydraulic Study completed for conversion to pipe drainage and new outlet (approximately 1,000 linear feet)
- FY23 budget request for $500,000 proposed for engineering design
- Estimated construction funding required: $3 million (Leg CIP Purpose 4)
WAIMANALO WASTEWATER SYSTEM IMPROVEMENTS

**Project Objectives**
1. Repair sewer deficiencies identified through various field inspections
2. Upgrade existing DHHL sewers to the current City standards for ownership transfer to the City

**Summary**
650 lots connected to City sewer system
80 individual onsite sewage disposal systems (OSDS). Conduct survey and assessment Summer 2022.

**Remedial Actions**
Repair/replace existing DHHL sewers ($18 million)
Conversion of OSDS with pump station and new collector ($12+ million)
Construct sewer lift station and other sewer improvements at Bell Street ($10M)