Manoa Stream Improvements
At Woodlawn Drive Bridge

Public Meeting
May 7, 2018
Noelani Elementary School Cafeteria
Project Partners

- Department of Land and Natural Resources
- City and County of Honolulu
- University of Hawaii
Woodlawn Drive Bridge
Need for the Project
Proposed Improvements

• Repair the riprap upstream of the bridge by installing a new drop structure;
• Repair the riprap downstream of the bridge to create positive flow downstream;
• Remove sediment under the bridge and approximately 400 lineal feet downstream;
• Tree trimming and removal for construction access at the stream and planting new landscaping.
Proposed Improvements

- Trees to remain, trim as needed.
- Remove existing tree.
- Remove existing tree and replace with selected tree.
- Trees to be cut down to stumps, typ.
- Albezia tree to be removed.
- Graded Channel: Bottom, width varies.

LEGEND:
-圈：exist tree to remain
- ●：tree to be removed
- - - - - - : limits of grading
- -- -- -- -- : ROW / property line
- ----- ----- : channel centerline
- <----- ---- : flow direction
- | | : cut / fill slope

Limit of Grading, Typ.
Proposed Improvements

Profile – Woodlawn Drive Bridge

LEGEND:
- SEDIMENT
Contractor’s Staging Area
Benefits of the Project

- Repair grouted riprap upstream and downstream of the bridge
- Improve drainage flow characteristics
- Ease of maintenance
Construction Cost and Schedule

- Construction Cost: $2.5 million
- Contractor: Frank Coluccio Construction Company
- Construction Schedule
  - Approximate Start Date: Mid May 2018
  - Approximate End Date: February 2019
  - Work Hours: Mon.-Fri. 8 A.M. to 5 P.M.
- Contact Person:
  Joseph Hart, Construction Manager
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Questions?