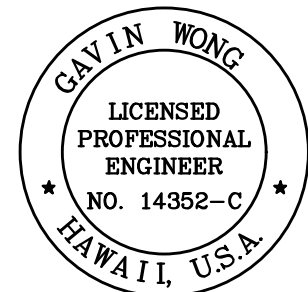
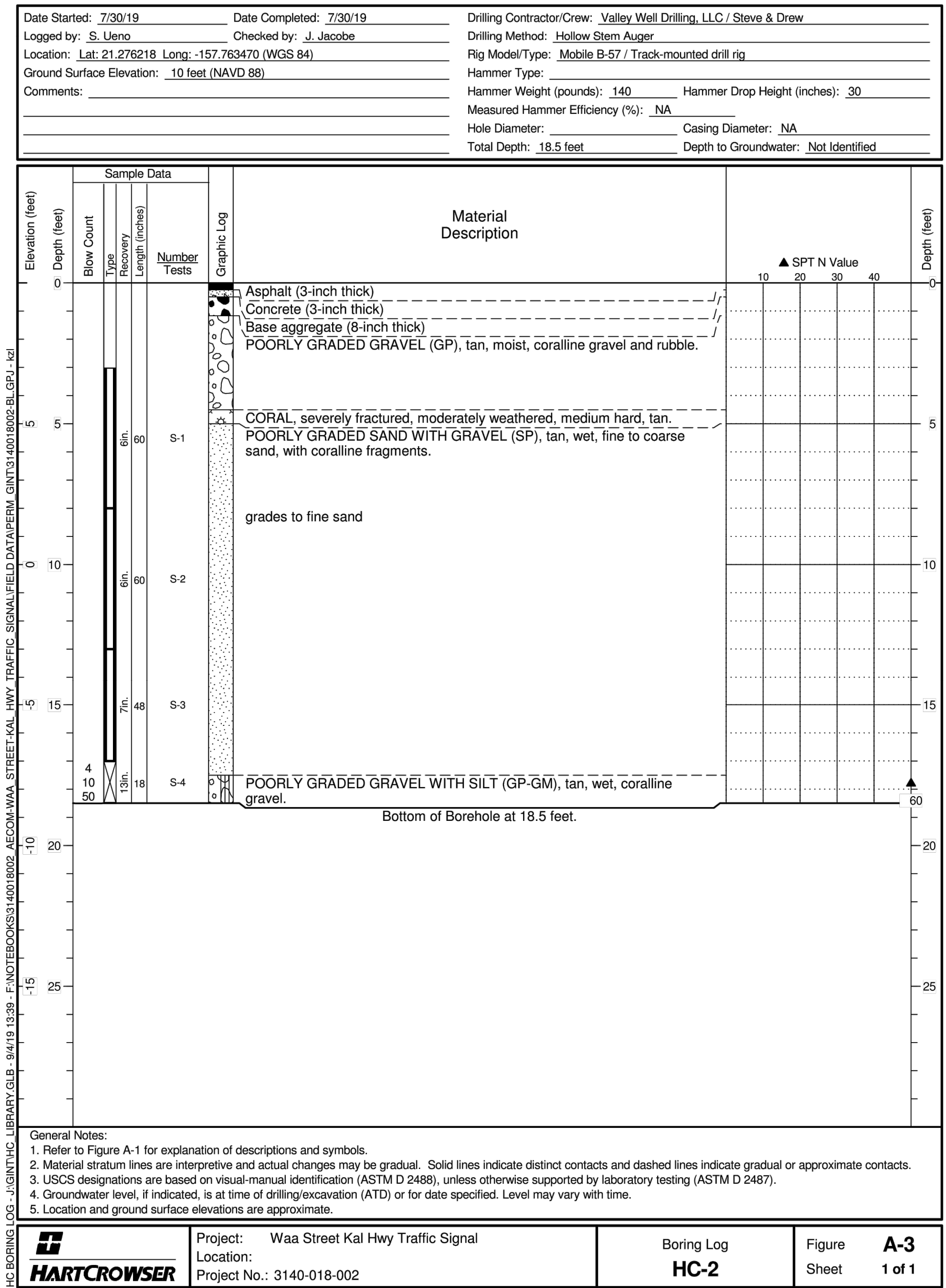
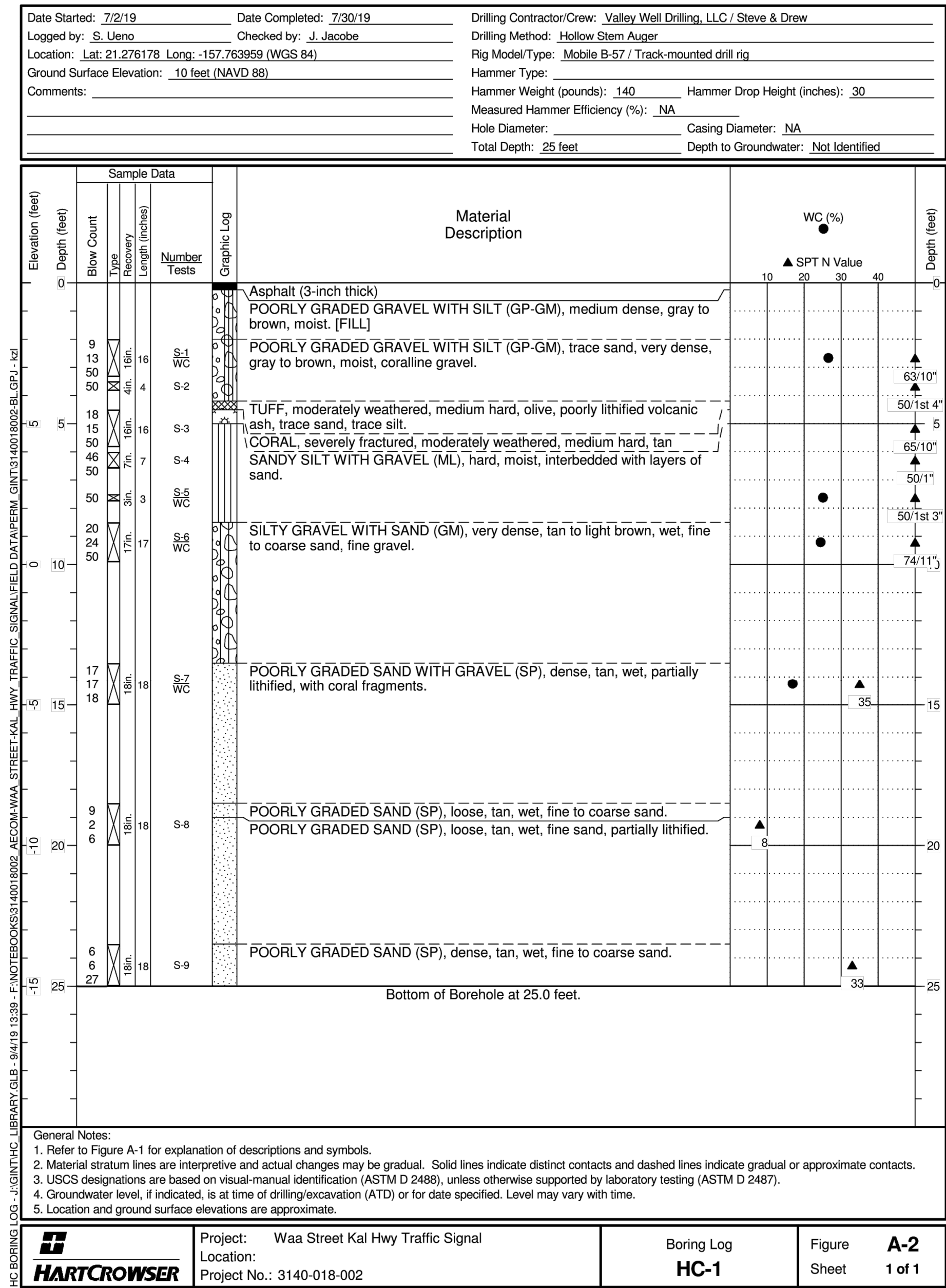


GEOTECHNICAL NOTES:

1. A geotechnical engineering report entitled Waa Street Traffic Signals dated September 12, 2019 has been prepared by HARTCROWSER. A copy of the report is on file at the office of the Engineer for review by the Contractor.
2. For boring locations, see Sheets XX & XX.
3. The information presented in the logs of borings depict the subsurface conditions encountered at that specified location and at the time of the field exploration only. Variations of subsoil conditions from those depicted in the logs of borings may occur between and beyond the borings.

4. The penetration resistance shown on the logs of borings indicate the number of blows required for the specific sampler type used. The blow counts may need to be factored to obtain the Standard Penetration Test (SPT) blow counts.
5. The data given is for general information only. Bidders shall examine the site and the boring data and draw their own conclusions therefrom as to the character of materials to be encountered. The Engineer will not assume responsibility for variations of subsoil quality or conditions other than at the boring locations shown and at the time the borings were taken.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72C-01-19	2019	28	48



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

SIGNATURE: [Signature]
EXPIRATION DATE: 4/30/20
OF LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOG

KALANIANA'OLE HIGHWAY
TRAFFIC SIGNAL INSTALLATION AT WAA ST.
Project No. 72C-01-19

Date: November 2019