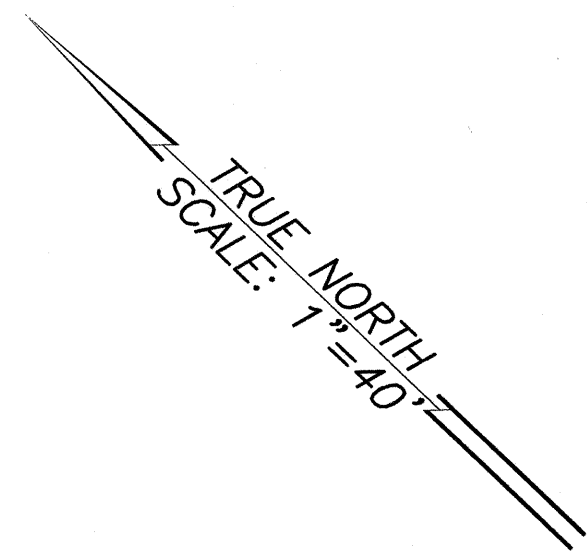
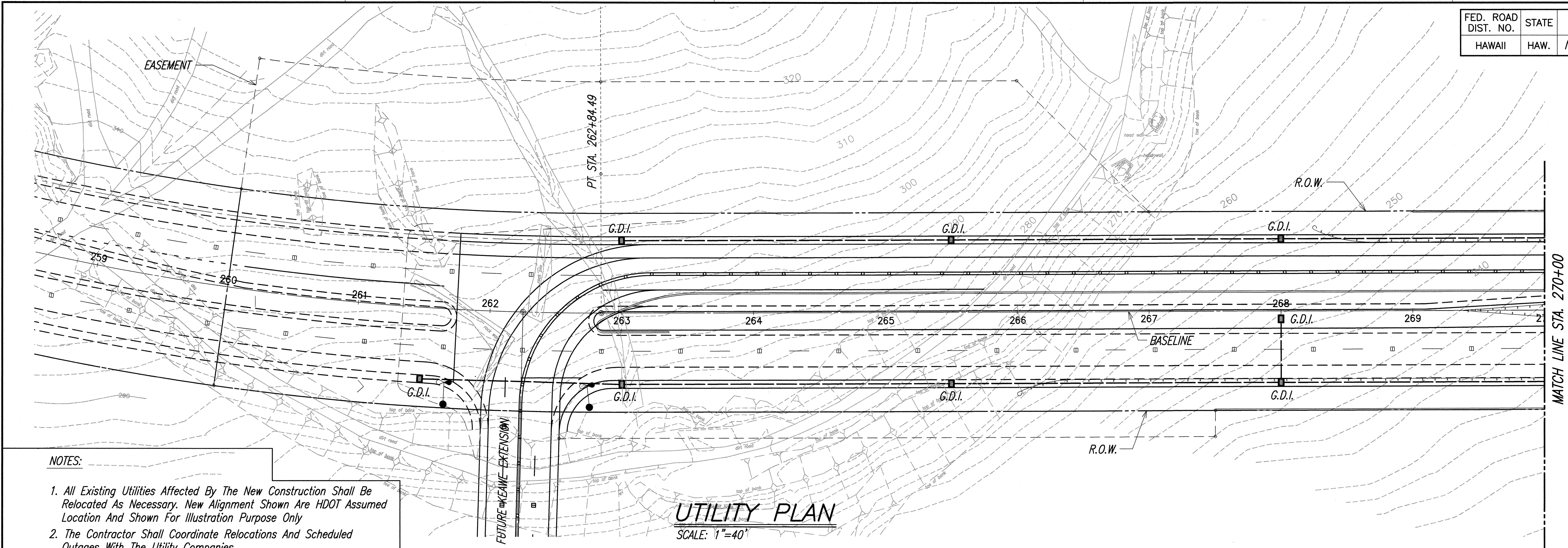
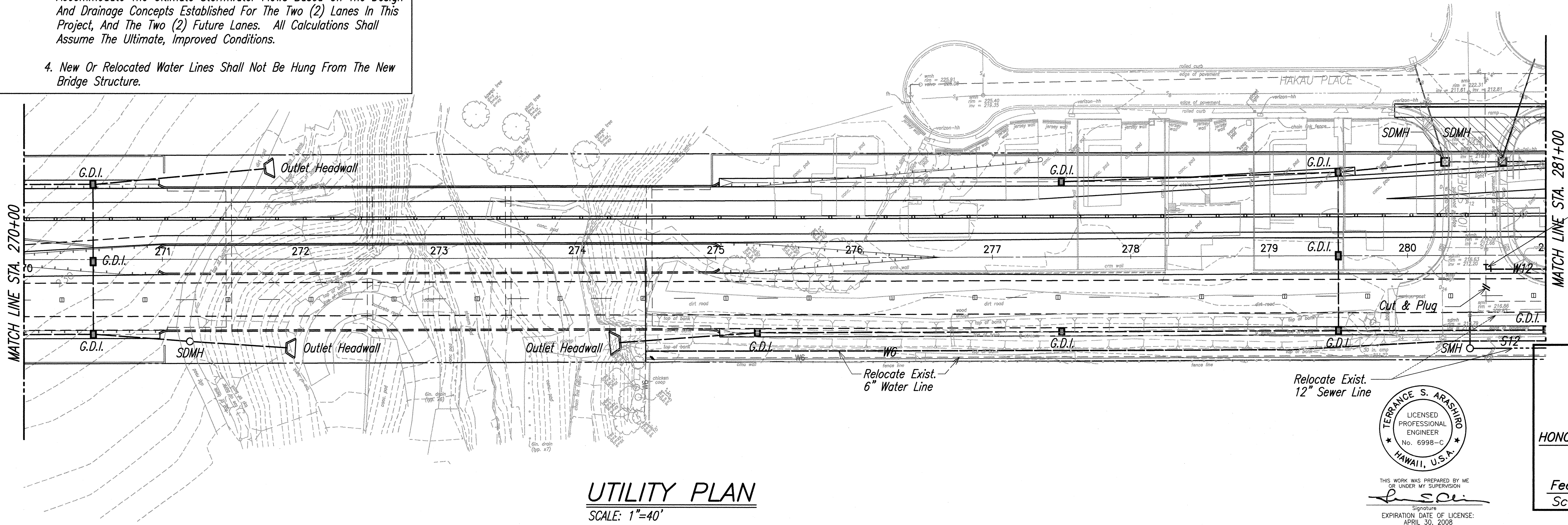


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(35)R	2006	20	79



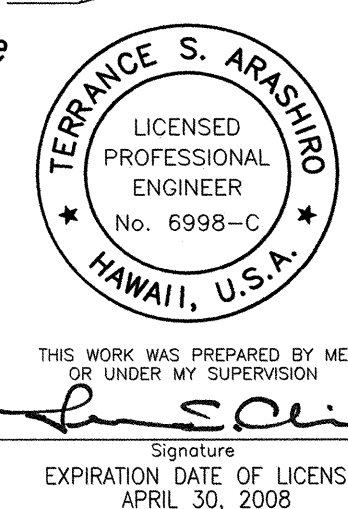
- NOTES:
1. All Existing Utilities Affected By The New Construction Shall Be Relocated As Necessary. New Alignment Shown Are HDOT Assumed Location And Shown For Illustration Purpose Only
 2. The Contractor Shall Coordinate Relocations And Scheduled Outages With The Utility Companies.
 3. Drain Lines And Drainage Structures Installed In This Project Shall Accommodate Existing Off Site Flows, And Shall Be Designed To Accommodate The Ultimate Stormwater Flows Based On The Design And Drainage Concepts Established For The Two (2) Lanes In This Project, And The Two (2) Future Lanes. All Calculations Shall Assume The Ultimate, Improved Conditions.
 4. New Or Relocated Water Lines Shall Not Be Hung From The New Bridge Structure.

UTILITY PLAN
SCALE: 1"=40'



Connect New W8 to Exist. W8

UTILITY PLAN
SCALE: 1"=40'

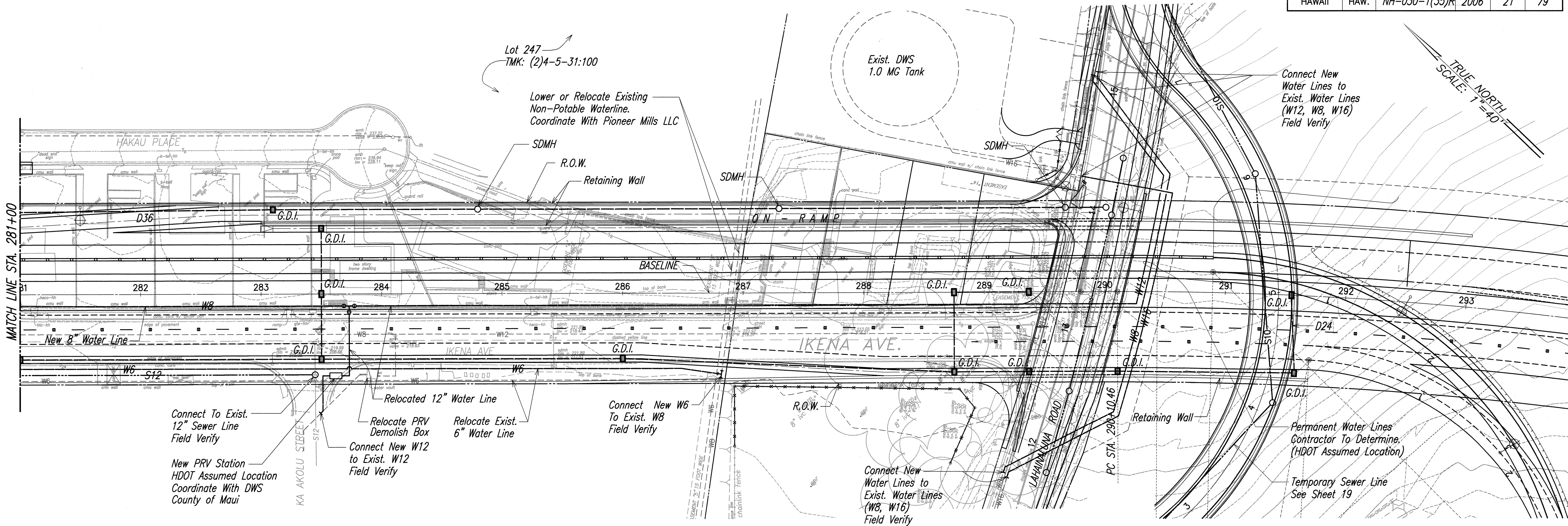


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY PLAN

HONOAPIILANI HIGHWAY REALIGNMENT, PHASE 1A
Future Keawe Street Extension to Lahainaluna Road
Federal Aid Project No. NH-030-1(35)R
Scale: As Noted Date: April 2006

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(35)R	2006	21	79



UTILITY PLAN
SCALE: 1"=40'

NOTES:

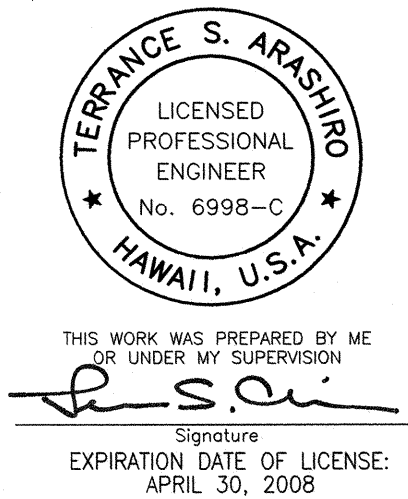
1. All Existing Utilities Affected By The New Construction Shall Be Relocated As Necessary. New Alignment Shown Are HDOT Assumed Location And Shown For Illustration Purpose Only

2. The Contractor Shall Coordinate Relocations And Scheduled Outages With The Utility Companies.

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4. New Or Relocated Water Lines Shall Not Be Hung From The New Bridge Structure.
5. The Contractor Shall Relocate all Non-Potable Within Ikema Avenue and/or Lahainaluna Road Whether or not Indicated on the Plans and Shall Coordinate the Waterline Relocation With Pioneer Mills LLC.

6. The Contractor Shall Exercise Extreme Caution When Excavation or Construction is in Close Proximity to the Existing Pioneer Mills LLC Reservoir Located on Lot 247, TMK:(2)4-5-31:100. Any Damages to the Existing Reservoir Shall be Repaired and Paid for by the Contractor



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY PLAN

HONOAIIANI HIGHWAY REALIGNMENT, PHASE 1A

Future Keawe Street Extension
to Lahainaluna Road

Federal Aid Project No. NH-030-1(35)R

Scale: As Noted Date: April 2006

SHEET No. 2 OF 2 SHEETS