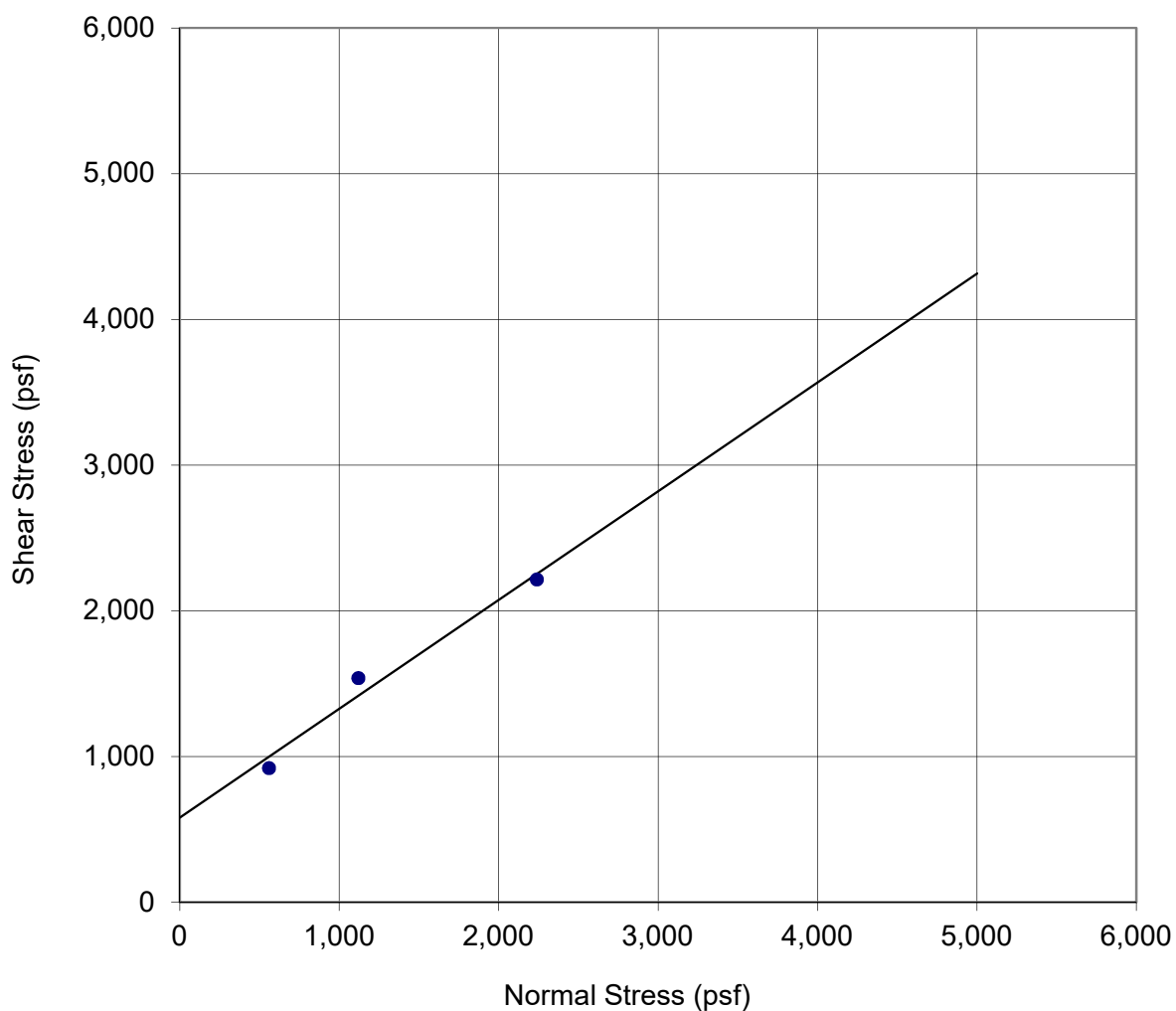


Direct Shear Test Results



Soil Data

Boring No.: B1 Depth (ft): 1

Soil Description: Gray gravel

Test Results

Strength Intercept (C): 581.2 psf (Peak Strength)

Friction Angle (ϕ): 36.7 deg (Peak Strength)

Remark: 10/10/18



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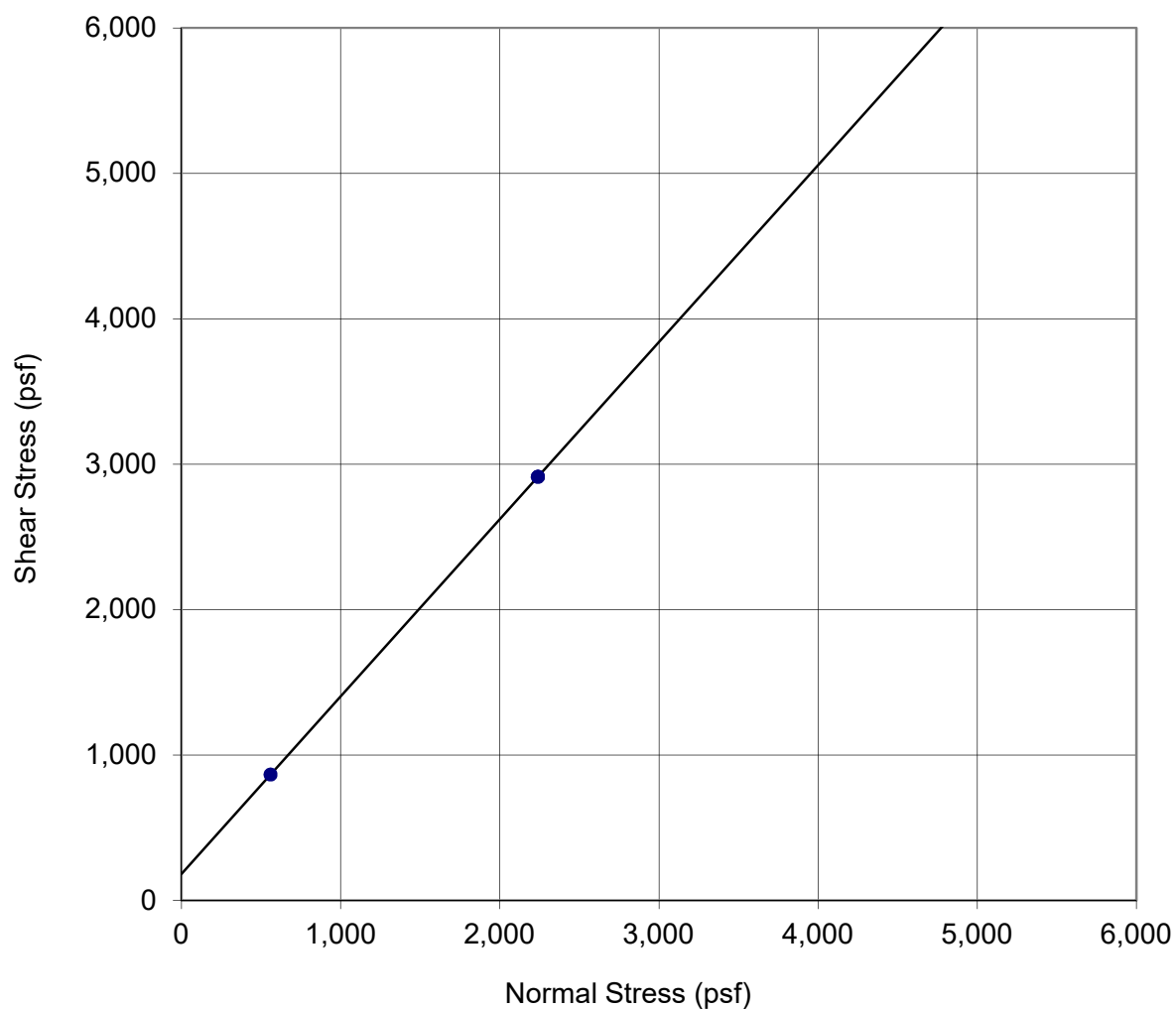
Keaau-Pahoa Road Improvements - Route 130

DIRECT SHEAR TEST

ASTM D3080

Plate
B2.1

Direct Shear Test Results



Soil Data

Boring No.: B6 Depth (ft): 2

Soil Description: Gray gravel

Test Results

Strength Intercept (C): 182.0 psf (Peak Strength)

Friction Angle (ϕ): 50.6 deg (Peak Strength)

Remark: 10/10/18



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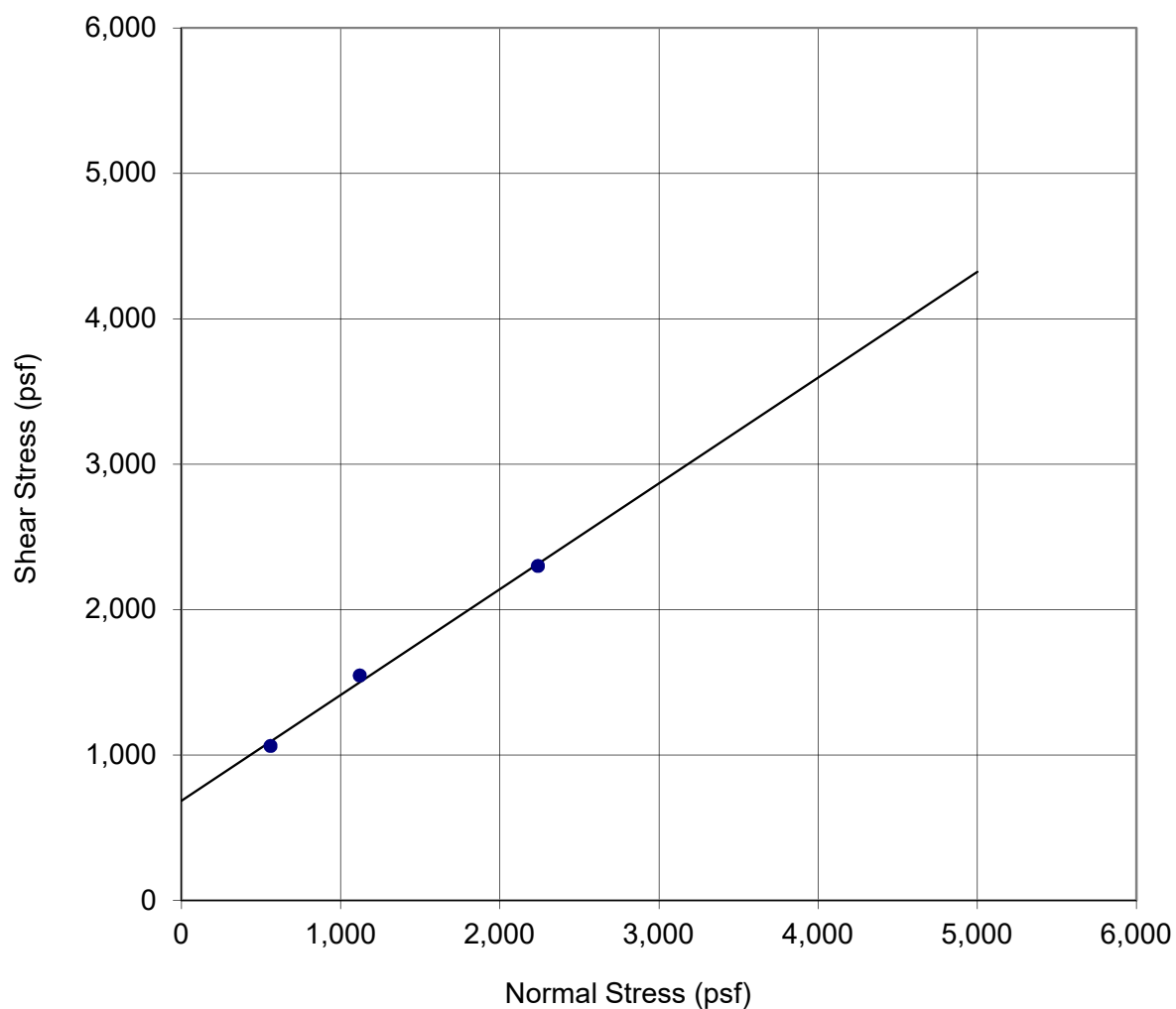
Keaau-Pahoa Road Improvements - Route 130

DIRECT SHEAR TEST

ASTM D3080

Plate
B2.2

Direct Shear Test Results



Soil Data

Boring No.: B15 Depth (ft): 2

Soil Description: Brownish gray gravel

Test Results

Strength Intercept (C): 686.0 psf (Peak Strength)

Friction Angle (ϕ): 36.0 deg (Peak Strength)

Remark: 10/10/18



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DIRECT SHEAR TEST

ASTM D3080

Plate
B2.3