



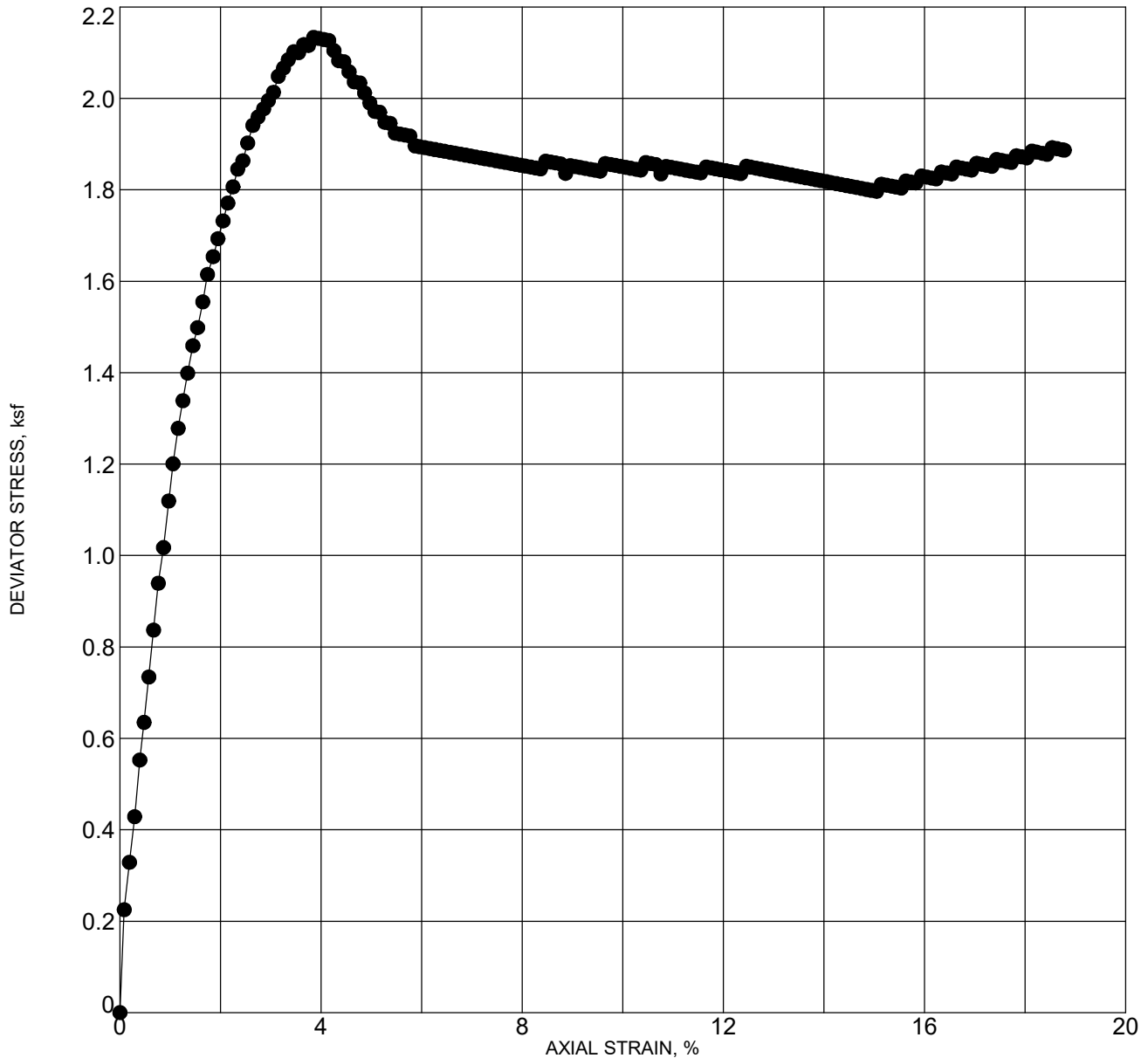
NP = NON-PLASTIC



W.O. 7328-00(A)

TRAFFIC SIGNAL MODERNIZATION PROJECT
KAHUAPAANI STREET &
ULUNE STREET INTERSECTION
HALAWA, OAHU, HAWAII

Plate
B - 1



Max. Deviator Stress (ksf): 1.8

Confining Stress (ksf): 0.6

Location: B-1

Depth: 5.0 - 6.5 feet

Description: Brownish red w/ multi-color mottling silty clay w/ traces of gravel

Test Date: 6/4/2019

Dry Density (pcf)	80.3	Sample Diameter (inches)	2.300
Moisture (%)	44.3	Sample Height (inches)	5.133
Axial Strain at Failure (%)	15.0	Strain Rate (% / minute)	0.99



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TRIAXIAL UU COMPRESSION TEST - ASTM D2850

TRAFFIC SIGNAL MODERNIZATION PROJECT
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Plate
B - 2

Location	Depth	Length	Diameter	Length/ Diameter Ratio	Density	Load	Compressive Strength
	(feet)	(inches)	(inches)		(pcf)	(lbs)	(psi)
B-1	21.5 - 26.5	6.700	3.200	2.09	159.4	82,430	10,250

ASTM D7012 (METHOD C)



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UNIAXIAL COMPRESSIVE STRENGTH TEST

TRAFFIC SIGNAL MODERNIZATION PROJECT
KAHUAPAANI STREET &
ULUNE STREET INTERSECTION
HALAWA, OAHU, HAWAII

Plate
B - 3