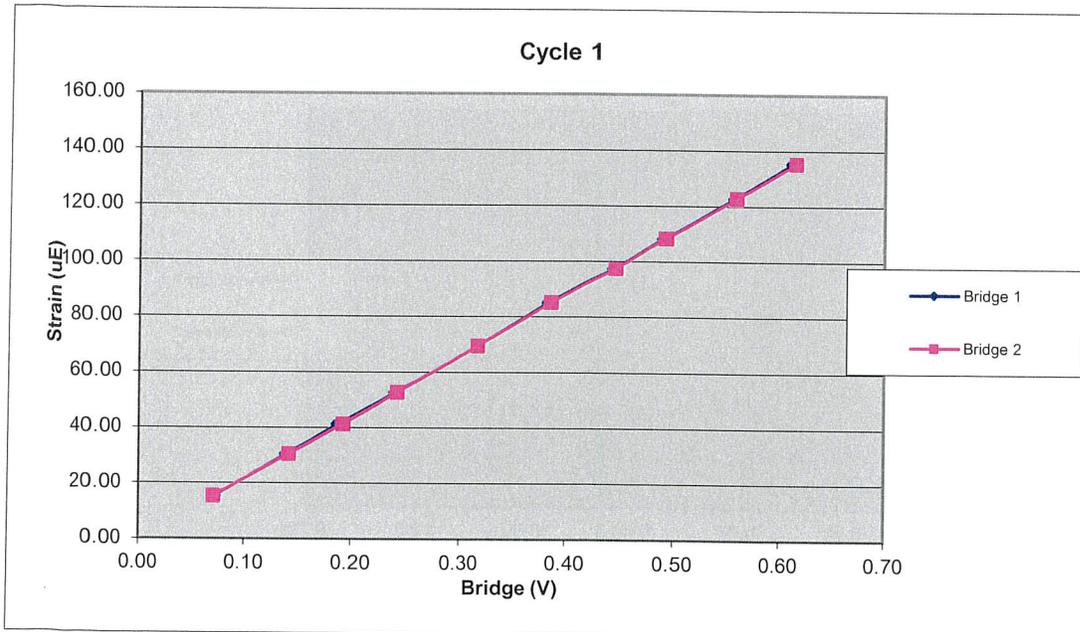


842NW		Cycle 1		
Sample	Force (lb)	Strain (μE)	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	1138.02	15.33	0.07	0.07
3	2225.42	30.47	0.14	0.14
4	3006.95	41.21	0.19	0.19
5	3845.67	52.59	0.24	0.24
6	5049.35	69.27	0.32	0.32
7	6134.34	84.92	0.39	0.39
8	7048.65	97.32	0.44	0.45
9	7831.83	108.16	0.49	0.49
10	8882.29	122.67	0.56	0.56
11	9753.60	135.18	0.61	0.62

Bridge 1		Bridge 2	
Force Calibration (lb/V)	15918.90	Force Calibration (lb/V)	15887.49
Offset	-3.71	Offset	-14.79
Correlation	0.999995	Correlation	0.999987
Strain Calibration ($\mu E/V$)	221.20	Strain Calibration ($\mu E/V$)	220.77
Offset	-0.65	Offset	-0.80
Correlation	0.999978	Correlation	0.999985

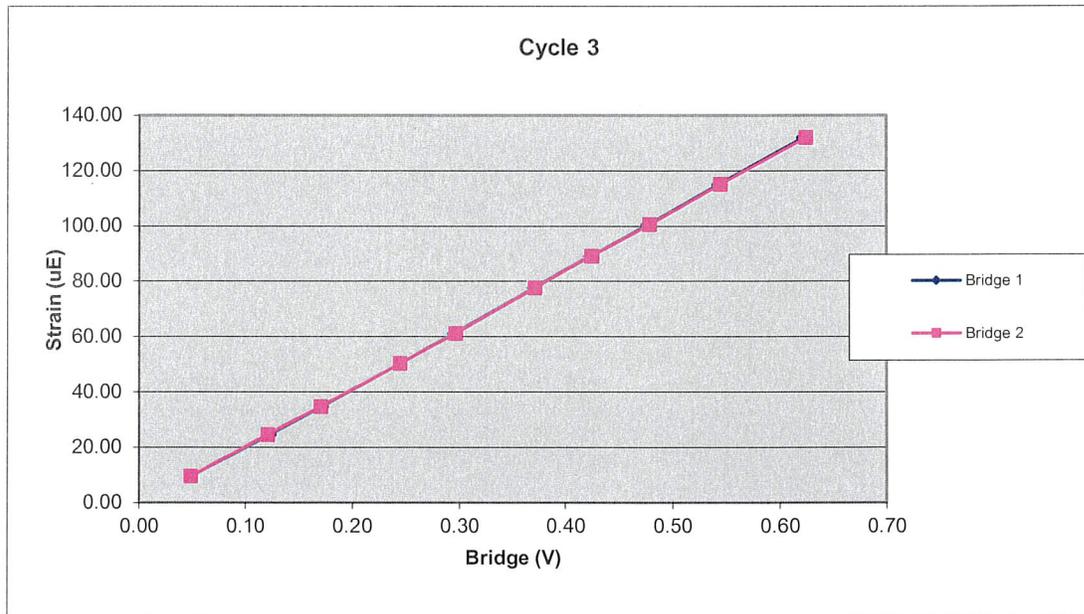
Force Strain Calibration	
EA (Kips)	71963.41
Offset	43.20
Correlation	0.999988



842NW		Cycle 3		
Sample	Force (lb)	Strain (μ E)	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	770.16	9.45	0.05	0.05
3	1933.73	24.52	0.12	0.12
4	2720.28	34.61	0.17	0.17
5	3881.44	50.27	0.24	0.24
6	4702.22	61.13	0.30	0.30
7	5900.89	77.60	0.37	0.37
8	6731.51	89.03	0.42	0.42
9	7591.15	100.36	0.48	0.48
10	8667.36	114.91	0.54	0.54
11	9905.86	131.80	0.62	0.62

Bridge 1		Bridge 2	
Force Calibration (lb/V)	15954.53	Force Calibration (lb/V)	15874.86
Offset	-12.11	Offset	8.18
Correlation	0.999997	Correlation	0.999997
Strain Calibration (μ E/V)	214.30	Strain Calibration (μ E/V)	213.23
Offset	-1.72	Offset	-1.45
Correlation	0.999959	Correlation	0.999966

Force Strain Calibration	
EA (Kips)	74444.53
Offset	116.45
Correlation	0.999964



Traceable to N.I.S.T.

Pile Dynamics Inc
30725 Aurora Rd
Solon, OH 44139

Calibration valid for 2 years

Calibrated by: _____
Calibrated Date: 3/18/2026

Sean Bonner

EA Factor (Kips)	71786.60	Area (in ²)	2.39
Bridge 1 ($\mu\text{E/V}$)	222.16	Bridge 2 ($\mu\text{E/V}$)	221.34
Calibration Factors	842NW		

Bridge Excitation (V) 5
Shunt Resistor (ohm) 60.4k