

CONNECTION EVALUATION

Keystone Unit: Compac
Manufacturer: Synteen
Geogrid Type: SF 20
Laboratory: SGI
8/23/2010

Peak Connection Equation Fit

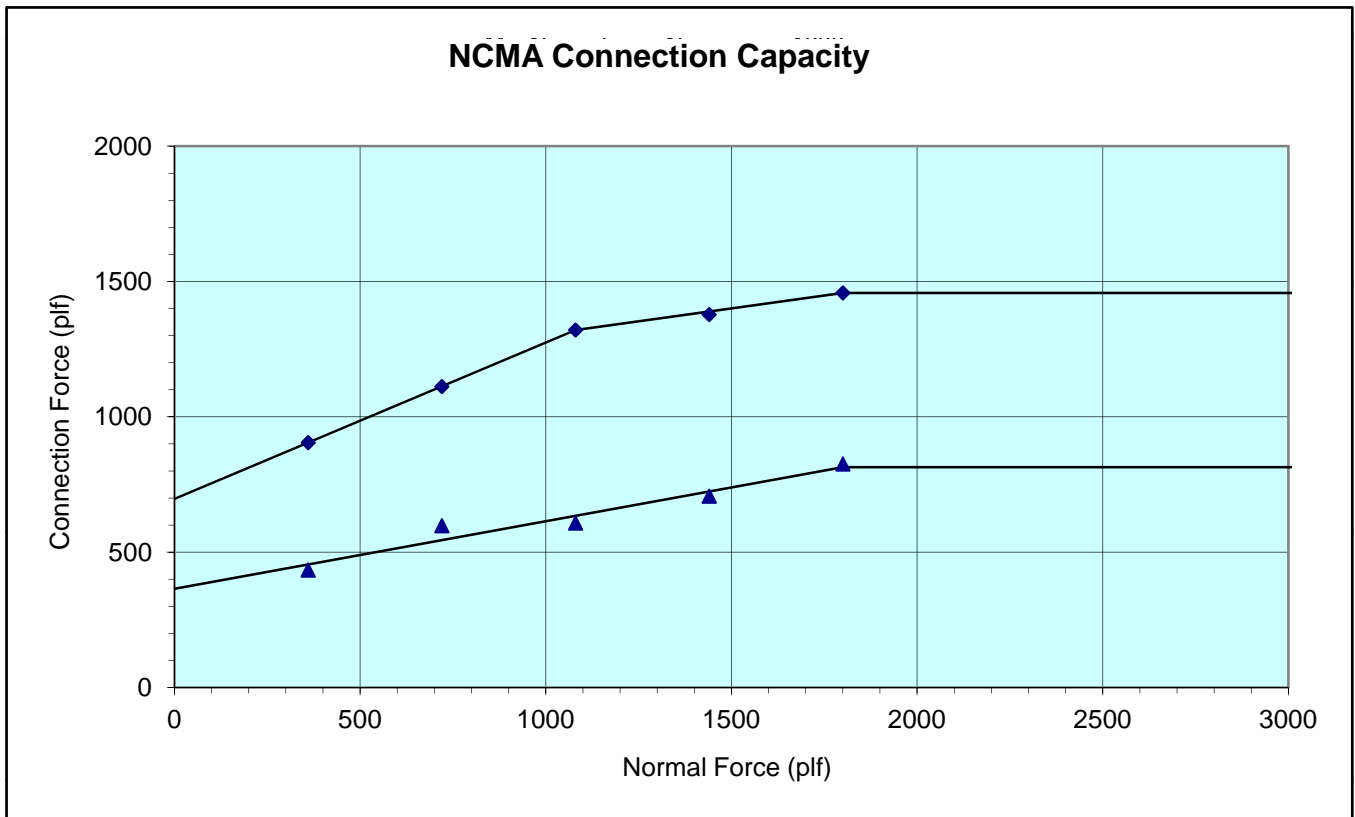
	English	Metric
Intercept (plf)	697	10.17
Slope1	30.0	30.0
Break - Normal	1080	15.76
Slope2	10.8	10.8
Maximum (plf)	1458	21.28

3/4" Serviceability Equation Fit

Intercept (plf)	365	5.33
Slope1	14.0	14.0
Break - Normal	1800	26.27
Slope2	0.0	0.0
Maximum (plf)	814	11.88

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
360	905	434
720	1112	598
1080	1321	608
1440	1378	707
1800	1458	826





CONNECTION EVALUATION

Keystone Unit: Compac
Manufacturer: Synteen
Geogrid Type: SF 35
Laboratory: TRI Texas 8/7/2000

Peak Connection Equation Fit

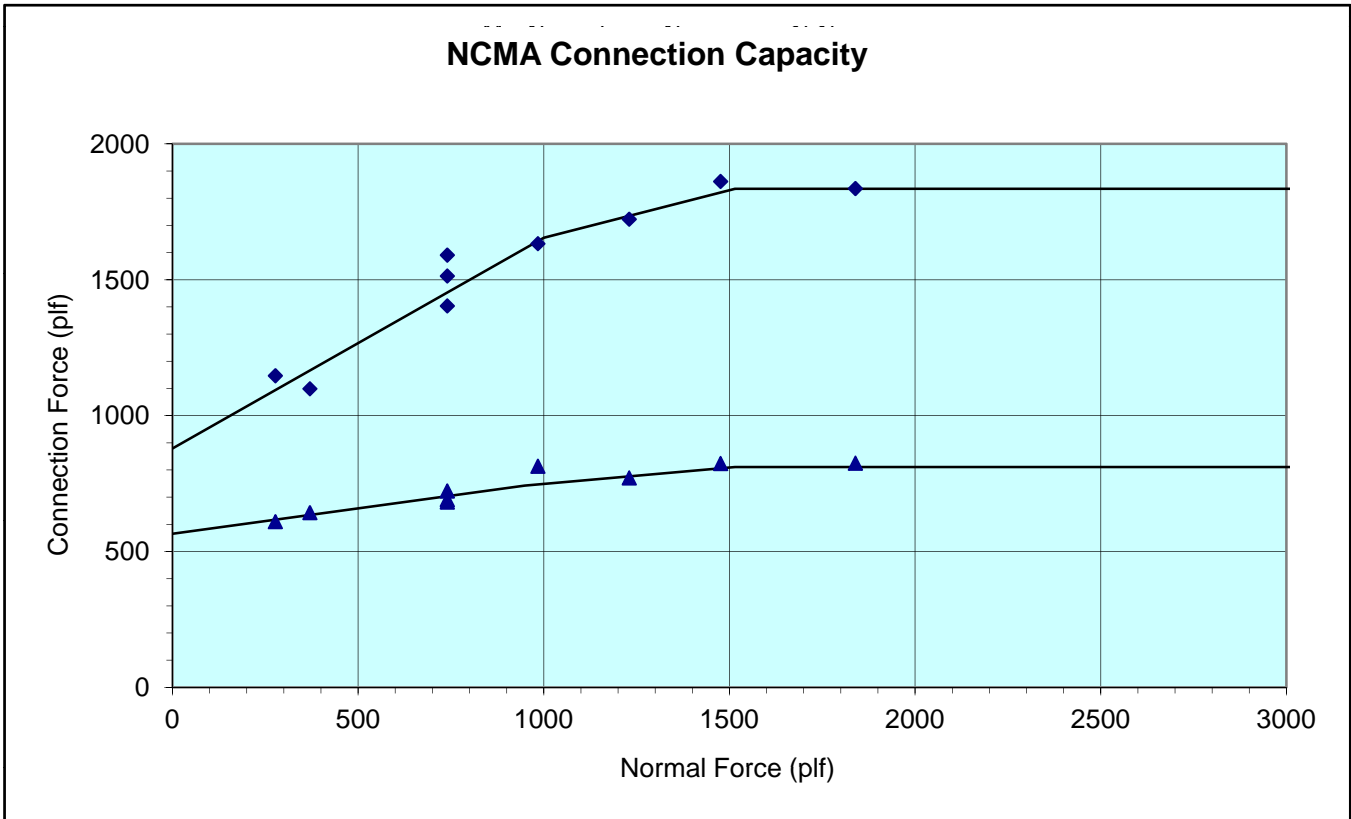
	English	Metric
Intercept (plf)	879	12.83
Slope1	37.8	37.8
Break - Normal	1000	14.59
Slope2	19.3	19.3
Maximum (plf)	1835	26.78

3/4" Serviceability Equation Fit

Intercept (plf)	565	8.25
Slope1	10.6	10.6
Break - Normal	949	13.85
Slope2	6.9	6.9
Maximum (plf)	811	11.84

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
277	1147	610
370	1099	643
740	1404	682
740	1514	723
740	1591	691
984	1633	814
1230	1723	771
1476	1862	824
1839	1836	825





CONNECTION EVALUATION

Keystone Unit: Compac
Manufacturer: Synten
Geogrid Type: SF 55
Laboratory: TRI Texas 8/7/2000

Peak Connection Equation Fit

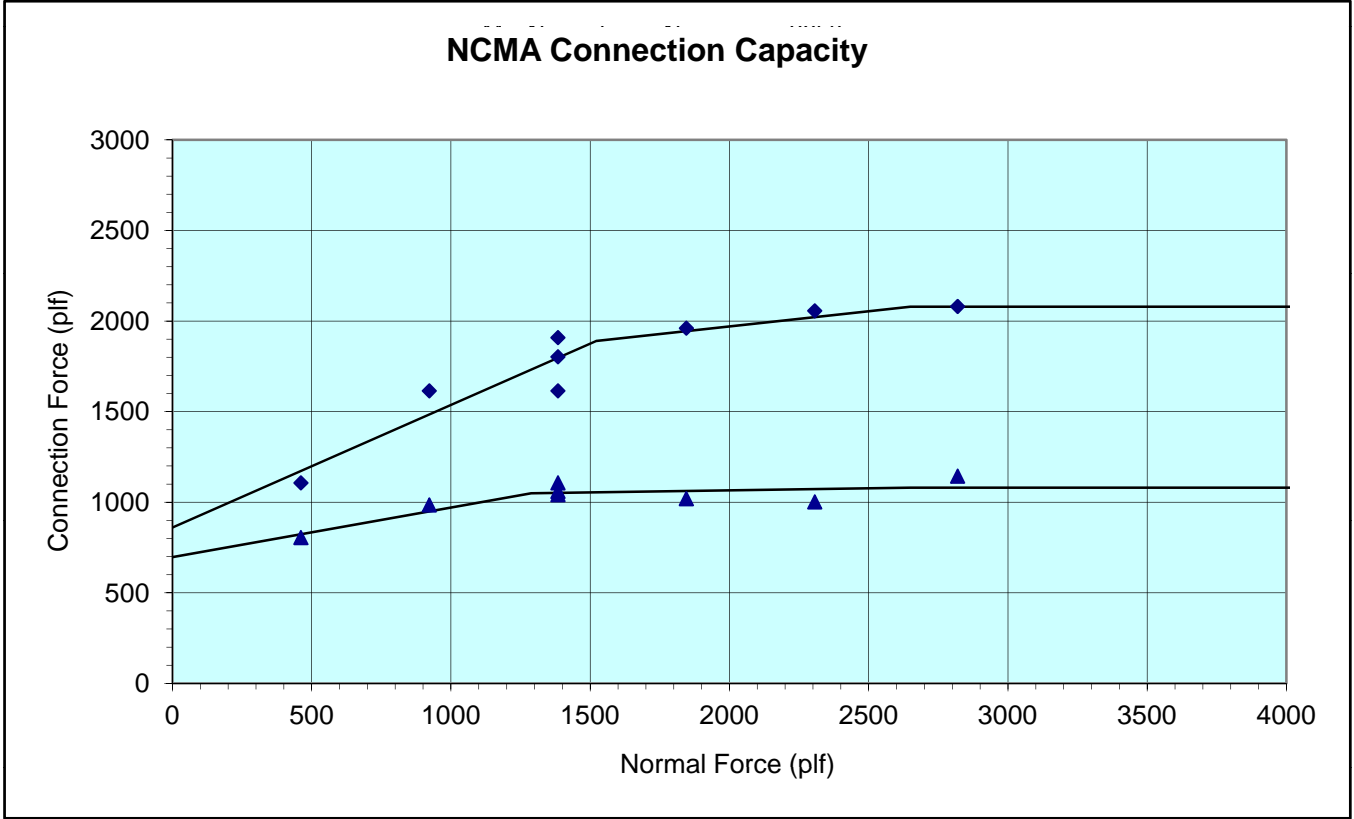
	English	Metric
Intercept (plf)	860	12.55
Slope1	34.1	34.1
Break - Normal	1522	22.21
Slope2	9.5	9.5
Maximum (plf)	2079	30.35

3/4" Serviceability Equation Fit

Intercept (plf)	697	10.17
Slope1	15.3	15.3
Break - Normal	1288	18.80
Slope2	1.3	1.3
Maximum (plf)	1080	15.77

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
461	1107	805
922	1615	985
1384	1615	1042
1384	1909	1107
1384	1803	1060
1845	1961	1020
2306	2057	1002
2819	2081	1144





CONNECTION EVALUATION

Keystone Unit: Compac
Manufacturer: Syntec
Geogrid Type: SF 80
Laboratory: GeoSyntec

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	1104	16.11
Slope1	27.8	27.8
Break - Normal	2160	31.52
Slope2	0.0	0.0
Maximum (plf)	2243	32.73

3/4" Serviceability Equation Fit

Intercept (plf)	832	12.14
Slope1	27.1	27.1
Break - Normal	2160	31.52
Slope2	0.0	0.0
Maximum (plf)	1937	28.27

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
880	1581	1300
1650	2031	1685
1650	1958	1700
1650	1903	1598
2160	2263	1964

