



CONNECTION EVALUATION

Keystone Unit: Standard
 Manufacturer: Synteen
 Geogrid Type: SF 35
 Laboratory: TRI Texas 8/21/2000

Peak Connection Equation Fit

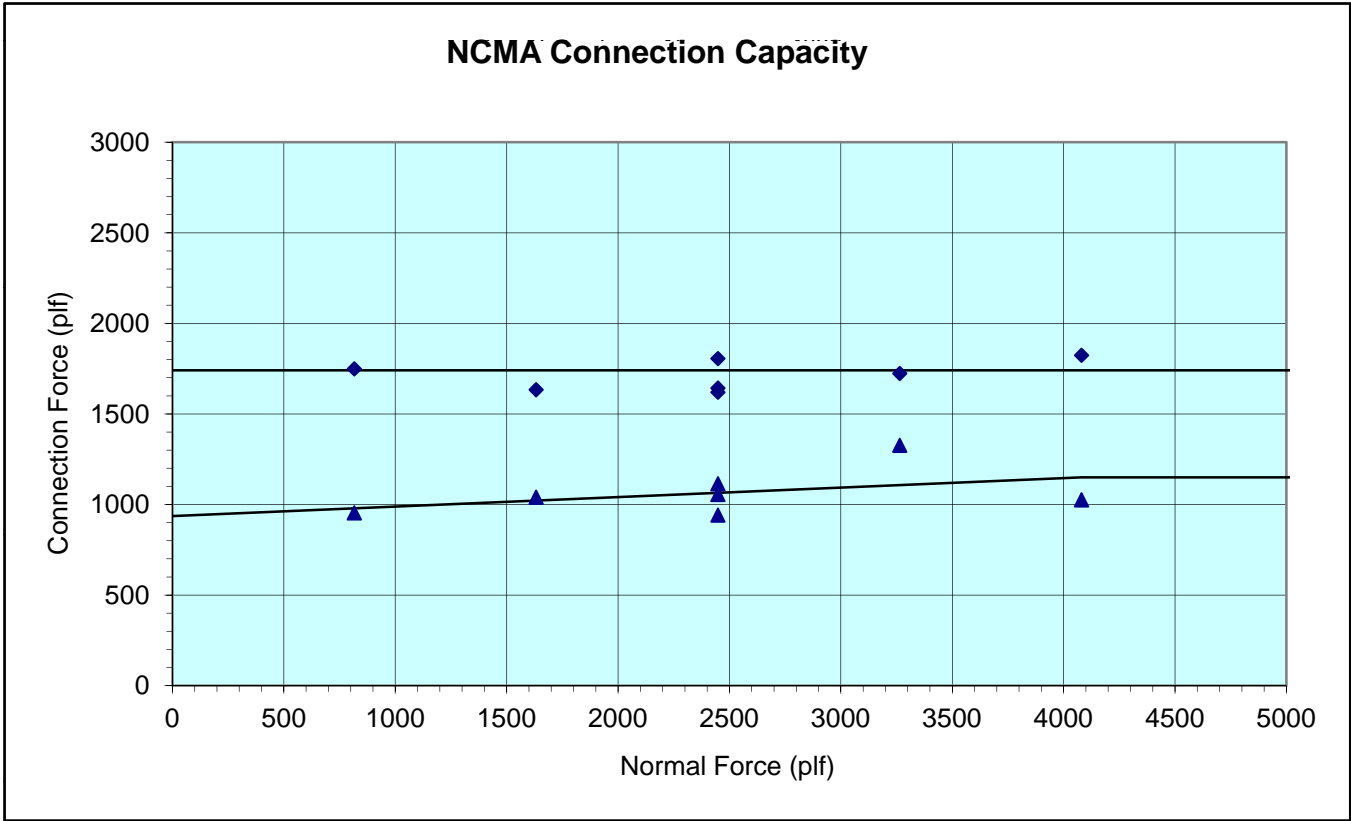
	English	Metric
Intercept (plf)	1741	25.41
Slope1	0.0	0.0
Break - Normal	4080	59.55
Slope2	0.0	0.0
Maximum (plf)	1741	25.41

3/4" Serviceability Equation Fit

Intercept (plf)	936	13.66
Slope1	3.0	3.0
Break - Normal	4080	59.55
Slope2	0.0	0.0
Maximum (plf)	1150	16.78

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
816	1749	954
1632	1634	1041
2448	1806	1056
2448	1643	942
2448	1620	1115
3264	1724	1327
4080	1824	1026





CONNECTION EVALUATION

Keystone Unit: Standard
Manufacturer: Synteen
Geogrid Type: SF 55
Laboratory: TRI Texas 8/21/2000

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
1020	2986	1017
2040	2739	1121
3060	2911	1105
3060	2758	1174
3060	3255	1208
4080	2953	1193
5100	2873	1140

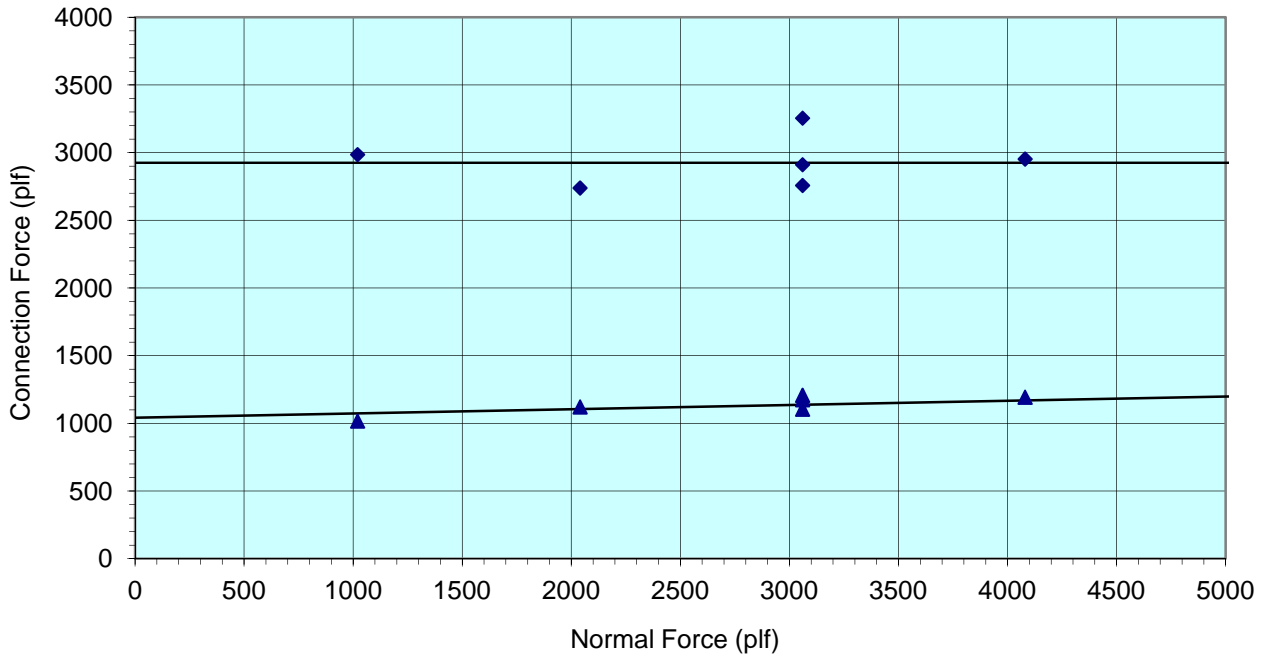
Peak Connection Equation Fit

	English	Metric
Intercept (plf)	2925	42.69
Slope1	0.0	0.0
Break - Normal	5100	74.43
Slope2	0.0	0.0
Maximum (plf)	2925	42.69

3/4" Serviceability Equation Fit

Intercept (plf)	1041	15.19
Slope1	1.8	1.8
Break - Normal	5100	74.43
Slope2	0.0	0.0
Maximum (plf)	1201	17.53

NCMA Connection Capacity





CONNECTION EVALUATION

Keystone Unit: Standard
 Manufacturer: Synteen
 Geogrid Type: SF 80
 Laboratory: TRI Texas 8/21/2000

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
2040	3206	1278
3060	3342	1327
4080	3342	1296
4080	3018	1279
4080	3409	1279
5100	3225	1363
6120	3169	1423

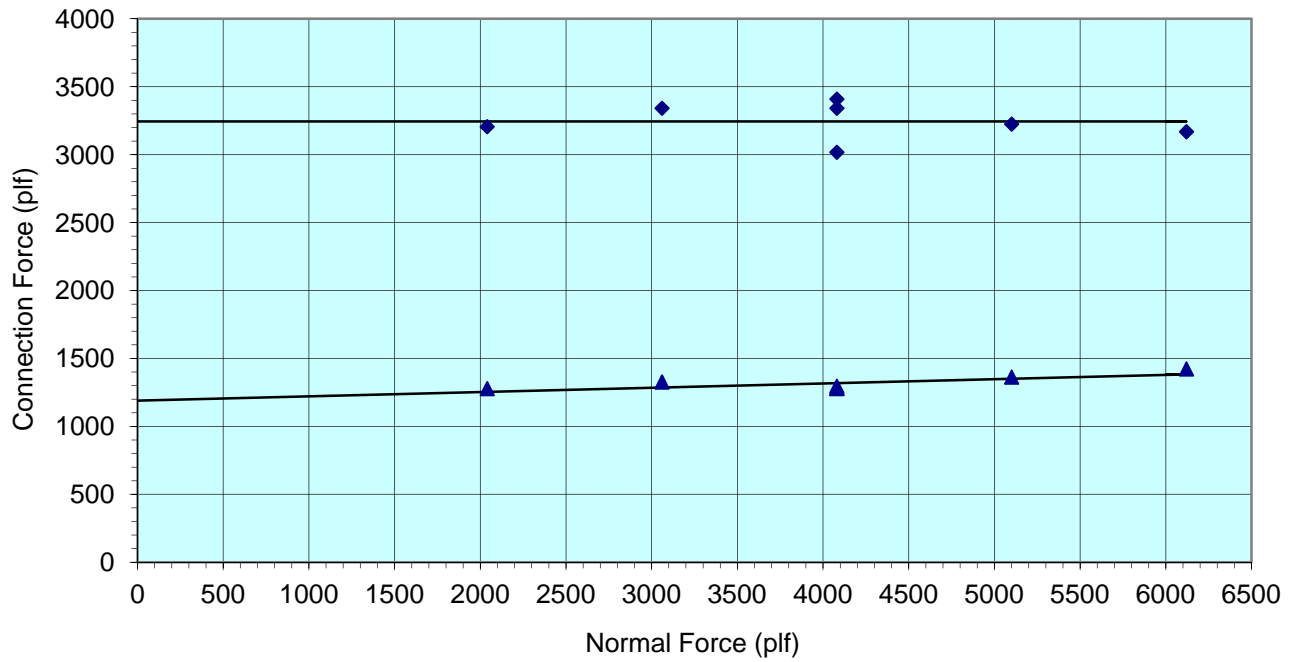
Peak Connection Equation Fit

	English	Metric
Intercept (plf)	3244	47.34
Slope1	0.0	0.0
Break - Normal	6120	89.32
Slope2	0.0	0.0
Maximum (plf)	3244	47.34

3/4" Serviceability Equation Fit

Intercept (plf)	1190	17.37
Slope1	1.8	1.8
Break - Normal	6120	89.32
Slope2	0.0	0.0
Maximum (plf)	1382	20.17

NCMA Connection Capacity





CONNECTION EVALUATION

Keystone Unit: Standard
Manufacturer: Synteen
Geogrid Type: SF 110
Laboratory: SGI Georgia 10/1/2001

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
1930	4283	1803
3860	4663	1924
5790	5035	2219
5790	5074	2250
7720	5458	2444

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	3885	56.70
Slope1	11.5	11.5
Break - Normal	7720	112.67
Slope2	0.0	0.0
Maximum (plf)	5456	79.62

3/4" Serviceability Equation Fit

Intercept (plf)	1534	22.39
Slope1	6.6	6.6
Break - Normal	7720	112.67
Slope2	0.0	0.0
Maximum (plf)	2427	35.42

NCMA Connection Capacity

