



1/9/2012
cdm

CONNECTION EVALUATION

Keystone Unit: Standard
 Manufacturer: Huesker
 Geogrid Type: Fortrac 20/9-20
 Laboratory: Platteville WI Feb-98

Peak Connection Equation Fit

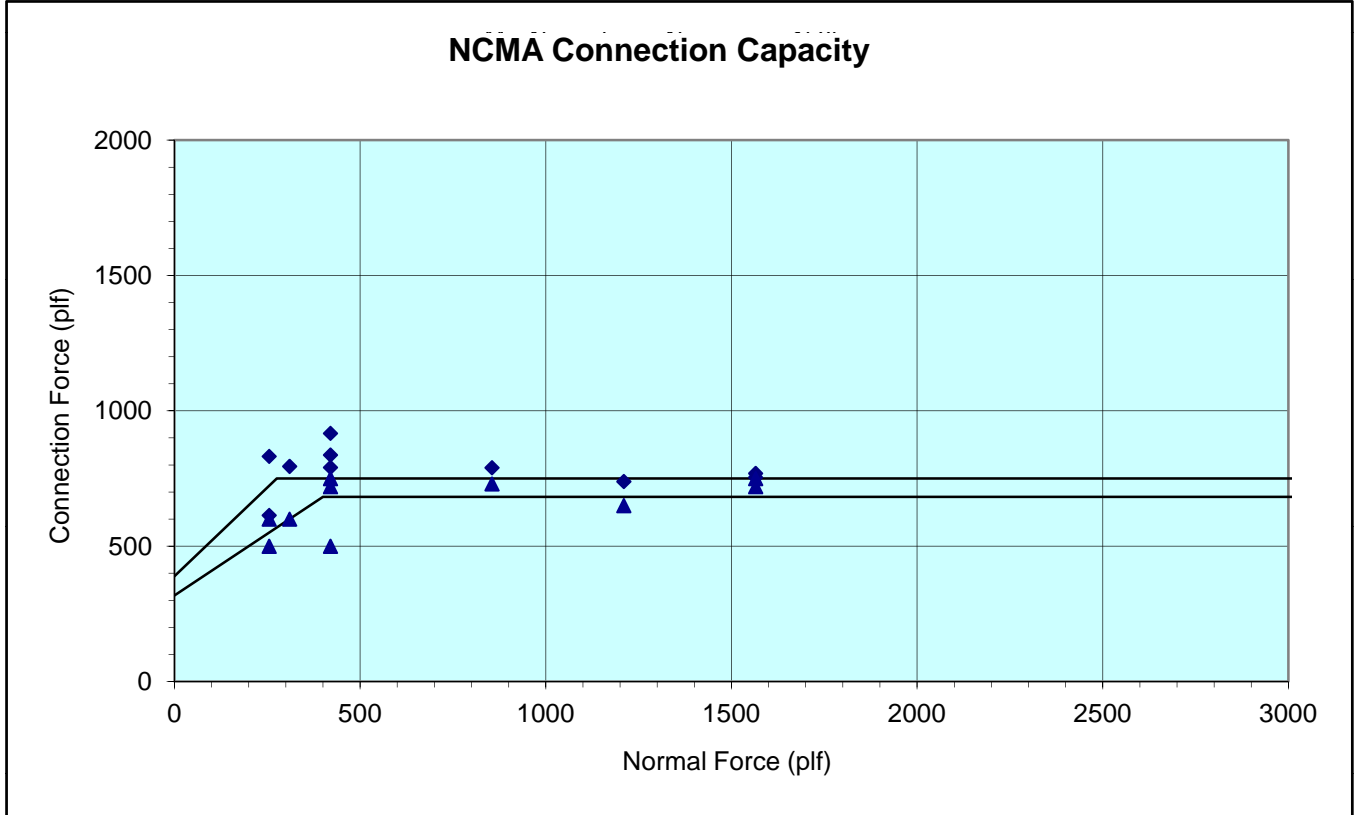
	English	Metric
Intercept (plf)	389	5.68
Slope1	52.6	52.6
Break - Normal	276	4.03
Slope2	0.0	0.0
Maximum (plf)	750	10.95

3/4" Serviceability Equation Fit

Intercept (plf)	318	4.64
Slope1	42.3	42.3
Break - Normal	400	5.84
Slope2	0.0	0.0
Maximum (plf)	682	9.95

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
255	614	500
255	832	600
310	795	600
420	837	720
420	917	750
420	791	500
855	790	730
1210	739	650
1565	754	750
1565	769	720





CONNECTION EVALUATION

Keystone Unit: Standard
Manufacturer: Huesker
Geogrid Type: Fortrac 35/20-20
Laboratory: Platteville WI Feb-98

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	700	10.22
Slope1	35.0	35.0
Break - Normal	500	7.30
Slope2	0.0	0.0
Maximum (plf)	1050	15.33

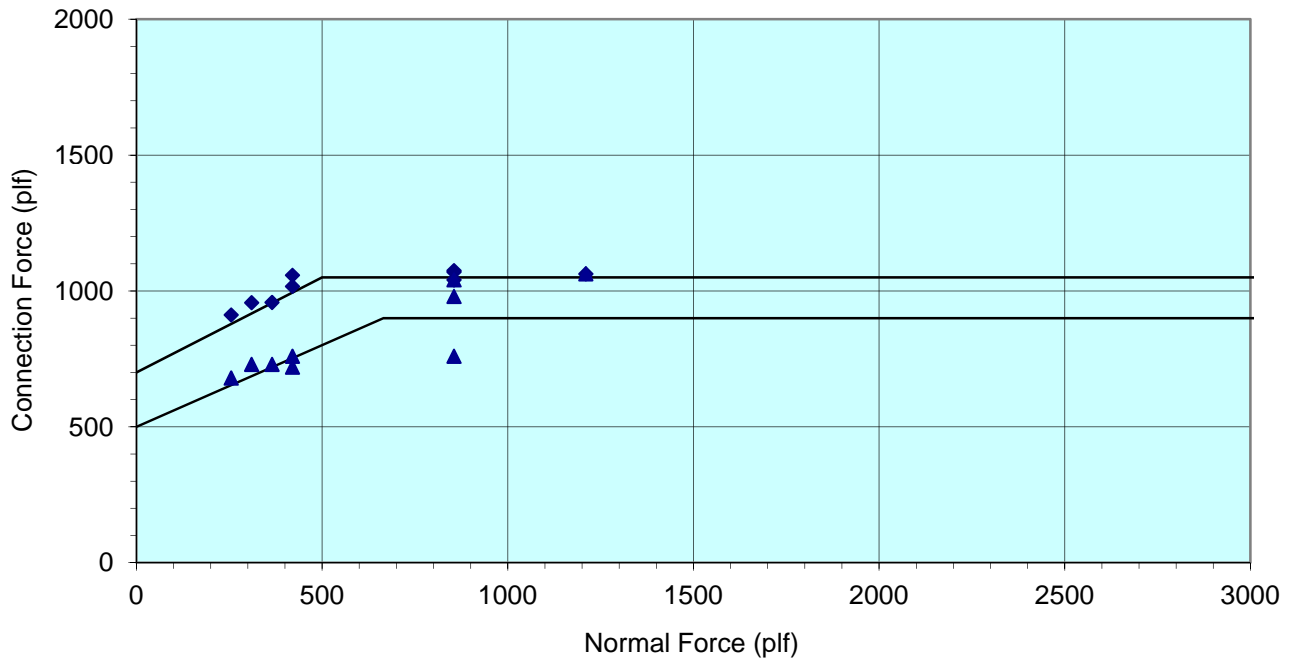
3/4" Serviceability Equation Fit

Intercept (plf)	500	7.30
Slope1	31.0	31.0
Break - Normal	665	9.71
Slope2	0.0	0.0
Maximum (plf)	900	13.13

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
255	912	680
310	957	730
365	958	730
420	1058	760
420	1017	720
855	1041	1041
855	1070	760
855	1075	980
1210	1063	1063

NCMA Connection Capacity





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CONNECTION EVALUATION

Keystone Unit: Standard
Manufacturer: Huesker
Geogrid Type: Fortrac 55/30-20
Laboratory: Platteville WI Feb-98

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
255	1146	860
420	1350	1030
855	1485	1400
855	1903	1330
1210	1864	1470
1210	2052	750
1570	2232	2010
1920	2341	1990
2280	2370	1950

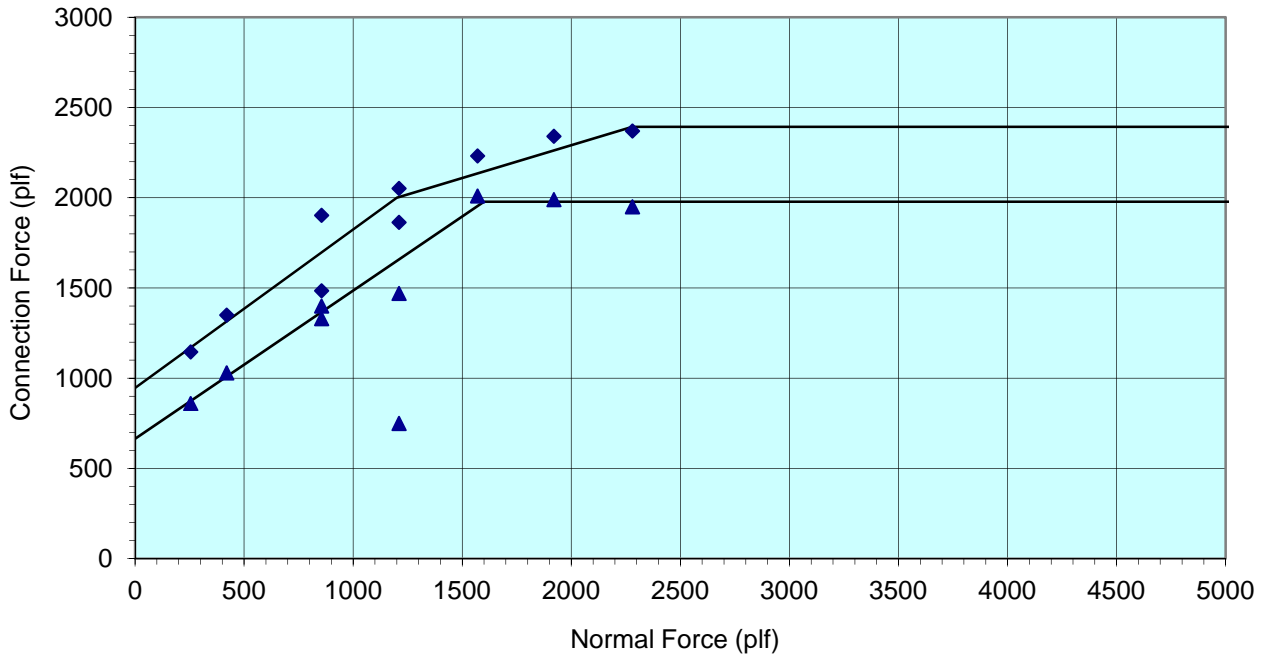
Peak Connection Equation Fit

	English	Metric
Intercept (plf)	946	13.81
Slope1	41.3	41.3
Break - Normal	1200	17.51
Slope2	20.0	20.0
Maximum (plf)	2393	34.93

3/4" Serviceability Equation Fit

Intercept (plf)	664	9.69
Slope1	39.4	39.4
Break - Normal	1600	23.35
Slope2	0.0	0.0
Maximum (plf)	1978	28.87

NCMA Connection Capacity





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CONNECTION EVALUATION

Keystone Unit: Standard
Manufacturer: Huesker
Geogrid Type: Fortrac 80/30-20
Laboratory: Platteville WI Feb-98

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	700	10.22
Slope1	60.0	60.0
Break - Normal	1200	17.51
Slope2	0.0	0.0
Maximum (plf)	2778	40.55

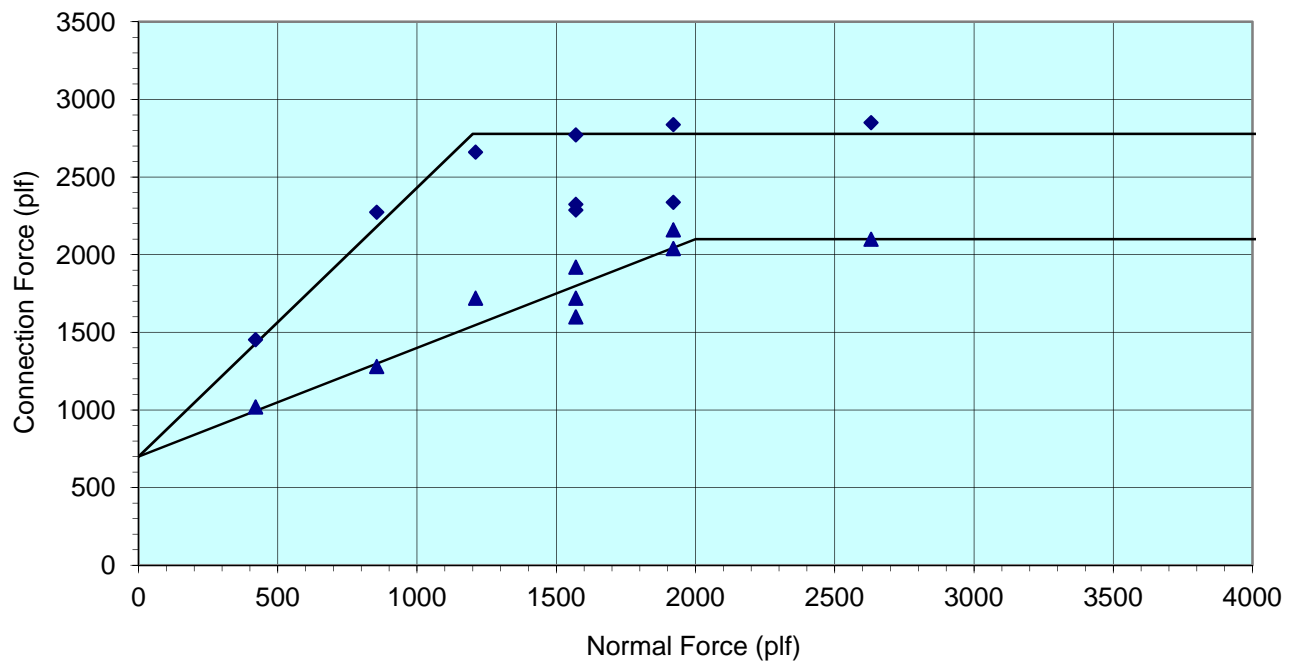
3/4" Serviceability Equation Fit

Intercept (plf)	700	10.22
Slope1	35.0	35.0
Break - Normal	2000	29.19
Slope2	0.0	0.0
Maximum (plf)	2100	30.65

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
420	1453	1020
855	2274	1280
1210	2661	1720
1570	2288	1600
1570	2325	1720
1570	2772	1920
1920	2338	2040
1920	2838	2160
2630	2851	2100

NCMA Connection Capacity



CONNECTION EVALUATION

Keystone Unit: Standard
Manufacturer: Huesker
Geogrid Type: Fortrac 110
Laboratory: Kingston, ONT 7/15/2000

Laboratory Test Data

Normal Load (plf)	Peak Connection (plf)	3/4" Connection (plf)
571	2635	1410
1121	2656	1881
1692	3275	2186
2257	3674	2279
2270	3901	2316
2298	3997	2459
2814	4156	2510
3756	4135	2846

Peak Connection Equation Fit

	English	Metric
Intercept (plf)	2021	29.50
Slope1	38.0	38.0
Break - Normal	2720	39.70
Slope2	0.0	0.0
Maximum (plf)	4146	60.51

3/4" Serviceability Equation Fit

Intercept (plf)	1342	19.59
Slope1	23.0	23.0
Break - Normal	3530	51.52
Slope2	0.0	0.0
Maximum (plf)	2840	41.45

