APPENDIX A

DOTD PILE DRIVING FORMULA

SPECIFICATIONS SUMMARY (1940 – 1992)

DOTD Pile Driving Formula specifications summary (1940 – 1992)

Year	Dynamic Formula	Remarks	Apparent SF[1]
1940	For gravity hammers — Equation (4) For single-acting steam hammers — Equation (5) For double-acting steam hammers — Equation (5) (with $WH = E$ = energy based on blow rate from manufacturer catalog)	1. P = Safe load per pile	6
1947	Same as 1940	1. P = Safe load per pile	6
1955	Same as 1940	1. P = Safe bearing power or value	6
1966	For gravity hammers — Equation (4) For single-acting steam or air hammers — Equation (5) For double-acting steam or air hammers — Equation (5) (with WH = W+Ap, where W = weight of striking parts of hammer; A = area of piston, and p steam pressure)	1. P = Safe bearing power or capacity 2. "Diesel hammers will be permitted. The formula applicable to the type hammer approved for use will be developed on construction."	6
1971	For gravity hammers — Equation (4) For single-acting steam or air hammers — Equation (5)	1. P = Safe bearing power or capacity 2. Removed formula for double-acting steam or air hammers. 3. "Diesel hammers will be permitted. The formula applicable to the type hammer approved for use will be developed on construction."	6
1982	Same as 1971	1. P = Safe bearing power or capacity. Added "The safe bearing capacity of permanent piles is … ½ of the bearing obtained under the hammer by the foregoing formula for test piles that were not required to be loaded."	12

DOTD Pile Driving Formula specifications summary (1940 – 1992)

Year	Dynamic Formula	Remarks	Apparent SF[1]
		2. No formula for double-acting steam or air hammers included. 3. "Diesel hammers will be permitted. The hammer must be equipped with an attached measuring rod calibrated in 0.5 foot increments to determine the height of fall of the ram. The safe bearing capacity will be calculated by the formula above for single-acting steam or air hammers."	
1992	Same as 1982	1. P = Capacity. Added "The safe bearing capacity of permanent piles is … ½ of the bearing obtained under the hammer by the foregoing formula for test piles that were not required to be loaded." 2. No formula for double-acting steam or air hammers included. 3. "Diesel hammers will be permitted. The hammer must be equipped with an attached measuring rod calibrated in 0.5 foot increments to determine the height of fall of the ram. The safe bearing capacity will be calculated by the formula above for single-acting steam or air hammers."	12

[1] The apparent safety factor (SF) is shown based on the assumptions used in the development of the equation and the method applied in the DOTD specifications.

APPENDIX B

ALTERNATE HAMMER APPROVAL METHOD

(1997)

ALTERNATE

HAMMER APPROVAL METHOD

PAVEMENT AND GEOTECHNICAL DESIGN SECTION

LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT

LOUISIANA
STANDARD SPECIFICATIONS
FOR
ROADS AND BRIDGES
2000 EDITION

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION
AND DEVELOPMENT
BATON ROUGE

This public document was published at a total cost of $20,945.00. Five thousand copies of this public document were published in this first printing at a cost of $20,945.00. The total cost of all printings of this document, including reprints is $20,945.00. This document was published by the Department of Transportation and Development and printed by Rose Printing Company, Tallahassee, Florida to provide revised specifications for the construction of the state transportation infrastructure under authority of Revised Statutes 48:1 et seq., 38:2211 et seq., and 36:501 et seq. This material was printed in accordance with the standards for printing by state agencies established pursuant to Revised Statute 43:31. Printing of this material was purchased in accordance with the provisions of Title 43 of the Louisiana Revised Statutes.

proposed pile driving equipment for each unique pile driving system that wi be used on the project. When a hammer cushion or pile cushion is compose of differing materials with varying properties the contractor shall provide detailed description of the composite cushion. Composite cushion descriptio shall include material type, layout, and thickness of each cushion compone

(2) A list detailing the type and size of the proposed pile drivi equipment, including hammer, leads, jetting equipment, compressors, a drilling equipment for preboring. Include hammer manufacturer's operati manual and compressor data sheets. If a mandrel is used to install piles, complete description shall be provided including size and weight components.

(3) Proposed pile driving methods that may be required to facilitate p driving installation such as preboring or jetting.

(4) Methods to determine hammer energy in the field for determinati of the pile bearing capacity. When pressure measuring equipment will be us to determine hammer energy, the submittal shall include hose length, ho diameter, equivalent energy charts, and calibrations.

(5) Detailed drawings of any proposed followers.

(6) Detailed drawings of templates.

(7) Required shop drawings for pile splices, shoring, sheet pili cofferdams, etc.

(8) Pile driving sequence for each unique pile layout configuration.

(9) Details of proposed static load test system, equipment, a procedures in accordance with Subsection 804.11. The load test system deta shall include information pertaining to ground excavations or casings, bea plates, layout of reaction piles, reaction beams, deflection monitoring refere beam, etc. The load test equipment details shall include jack size, length jack hose, and type of deflection monitoring instrumentation to be us General load testing procedures should be provided concerning load increments, sequence of loading, etc. If a load cell is required, calibration load cell information shall be submitted.

(10) Proposed schedule for test pile and/or indicator pile program production pile driving.

(11) Details of the access system for attaching instrumentatio dynamic monitoring.

(12) Other information shown in the plans or required by the eng

(c) Pile Driving Equipment Approval: Unless shown otherwise plans or directed by the engineer, the approval of the pile driving system be made by the Wave Equation Hammer Approval Method. This app

shall be based on the contractor's proposed pile driving equipment and pile installation method.

If the plans specify the Alternate Hammer Approval Method, the engineer shall evaluate the contractor's proposed pile driving system in accordance with the requirements stated herein for the minimum hammer rated energy. The Wave Equation Hammer Approval Method may be substituted for the Alternate Hammer Approval Method if pile driving problems arise after approval with the Alternate Hammer Approval Method or when, in the opinion of the engineer, a more rigorous method of analysis is required to review the contractor's proposed pile driving system.

(1) Wave Equation Hammer Approval Method: Approval of the contractor's pile driving equipment will be based on the wave equation analysis computer program (FHWA-WEAP87 or newer version) and as required elsewhere in this subsection. A wave equation analysis will be performed by the Department for each pile type and size required in the plans. Approval of the pile driving system does not relinquish the contractor's responsibility from driving the piles to the required pile tip elevation without damage.

The criteria the engineer will use to evaluate the pile driving equipment from the wave equation shall be the pile driving resistance. The required number of hammer blows at the required end-of-driving pile capacity shall be from 36 to 146 blows per foot (30 to 120 blows per 0.25 m). The pile driving resistance at any depth above the required pile tip elevation shall be achieved with a reasonable driving resistance of less than 300 blows per foot (250 blows per 0.25 m).

Additional criteria that the engineer will use for the pile driving equipment to be acceptable are the pile driving stresses that are indicated by the wave equation analysis to be generated during pile driving. The pile driving stresses shall not exceed the allowable values as required in Subsection 804.08(g).

When the wave equation analysis shows that the contractor's proposed equipment or methods will result in either the inability to drive the pile with a reasonable driving resistance to the desired pile bearing capacity or will exceed the maximum allowable pile driving stresses, the contractor shall modify or replace the proposed methods or equipment at his expense until subsequent wave equation analyses indicates that the contractor's proposed pile driving equipment and driving methods meet the required criteria for acceptability stated herein.

(2) Alternate Hammer Approval Method: The Alternate Hammer Approval method is based on the required end-of-driving pile capacity, hammer

type, and the minimum required hammer rated energy. This alternate method shall not be used if the required end-of-driving pile capacity is greater than 300 tons (2650 kN). Table 804-1 provides the minimum Manufacturer's Rated Hammer Energy that is required. The Manufacturer's Rated Hammer Energy shall be based on the theoretical potential energy of the ram at impact.

Table 804-1
Alternate Hammer Approval Method
Minimum Manufacturer's Rated Hammer Energy

End-Of-Driving Pile Capacity		Minimum Manufacturer's Rated Hammer Energy			
		(ft-kip)		(kilojoules)	
(tons)	(kilonewtons)	ECH*	Diesel	ECH*	Diesel
≤ 60	≤ 535	6	8	8	11
80	710	8	11	11	15
100	890	11	14	15	19
120	1070	13	17	18	23
140	1245	16	21	22	29
160	1425	20	24	27	33
180	1600	24	29	33	39
200	1780	29	34	39	46
220	1960	35	40	48	54
240	2135	43	47	58	64
260	2315	52	57	71	77
280	2490	59	67	80	91
300	2670	64	74	87	100

* ECH = External Combustion Hammers

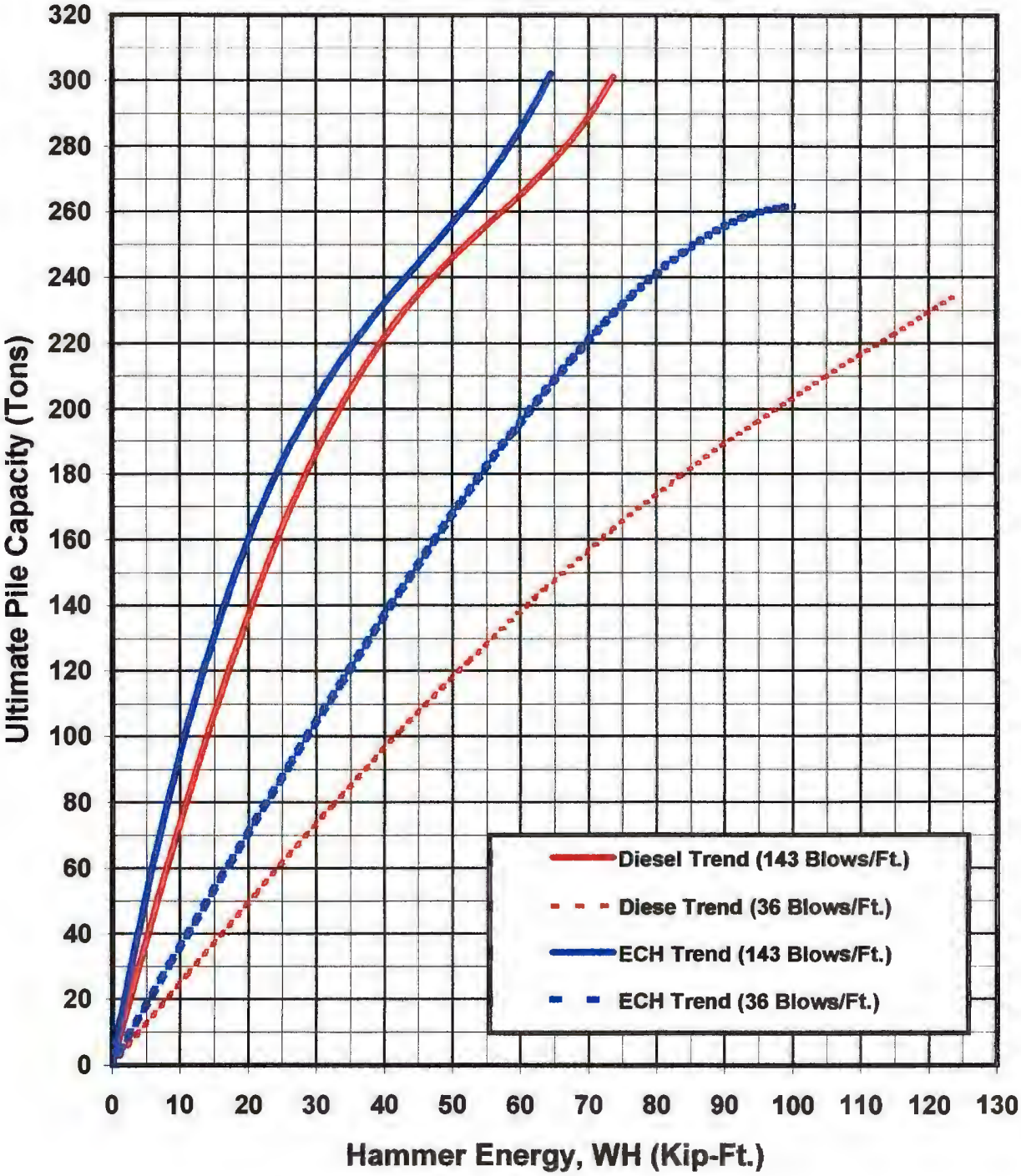
804.06 PILE DRIVING EQUIPMENT.

(a) Hammers: Piles may be driven with either diesel hammers or external combustion hammers (ECH) such as hammers driven by steam, air, or hydraulic power. Non-impact hammers such as vibratory hammers shall not be used unless specified in the plans or permitted in writing by the engineer. Hammers shall be rated based on the theoretical potential energy of the ram at impact.

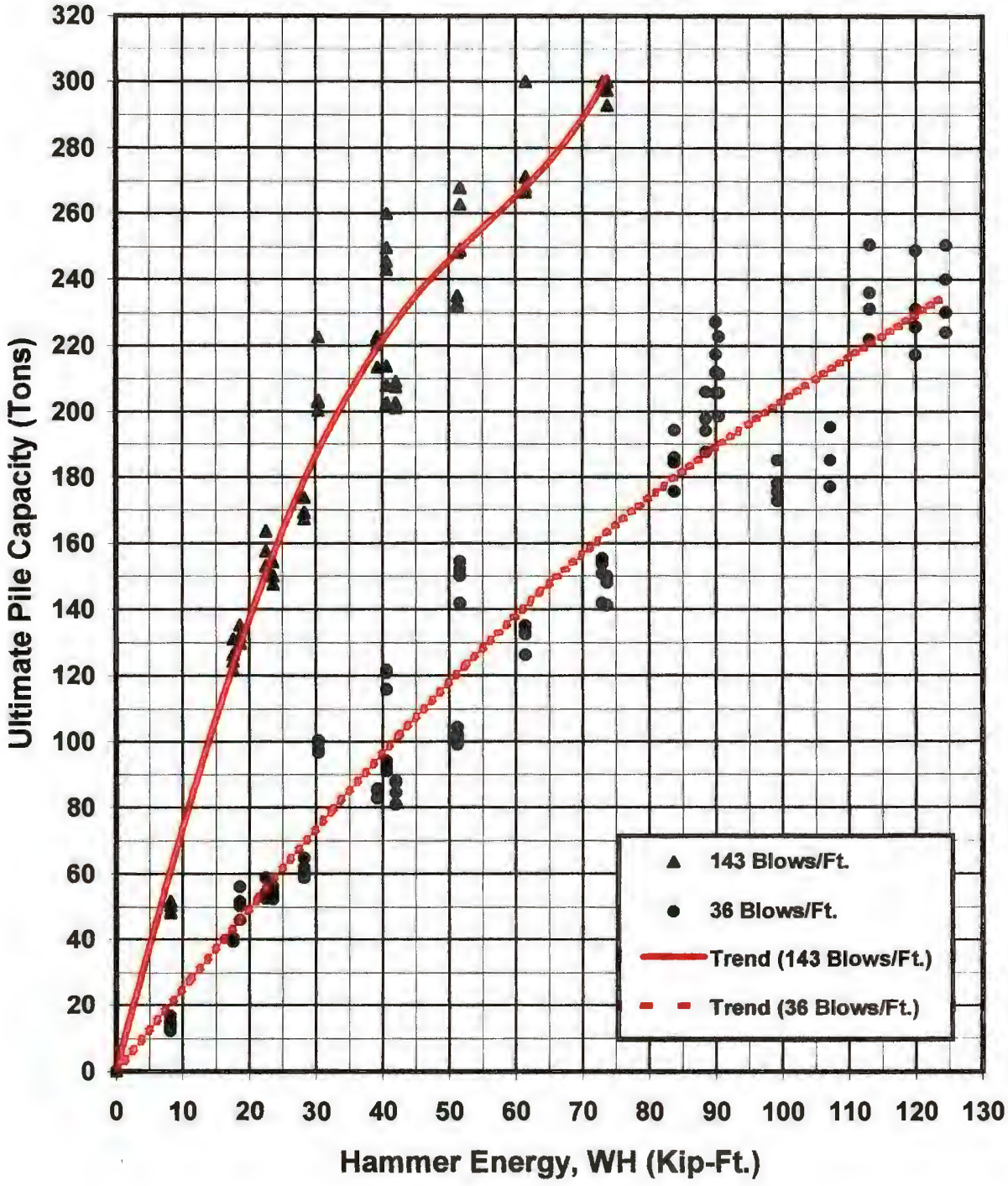
A variable energy hammer shall be used to drive precast concrete piles.

(1) Steam and Air Hammers: Steam and air hammers that are used to drive precast concrete piles shall be capable of providing at least two ram stroke lengths. The short ram stroke length shall be approximately half of the full stroke. Reductions in steam or air pressures to produce reduced hamm

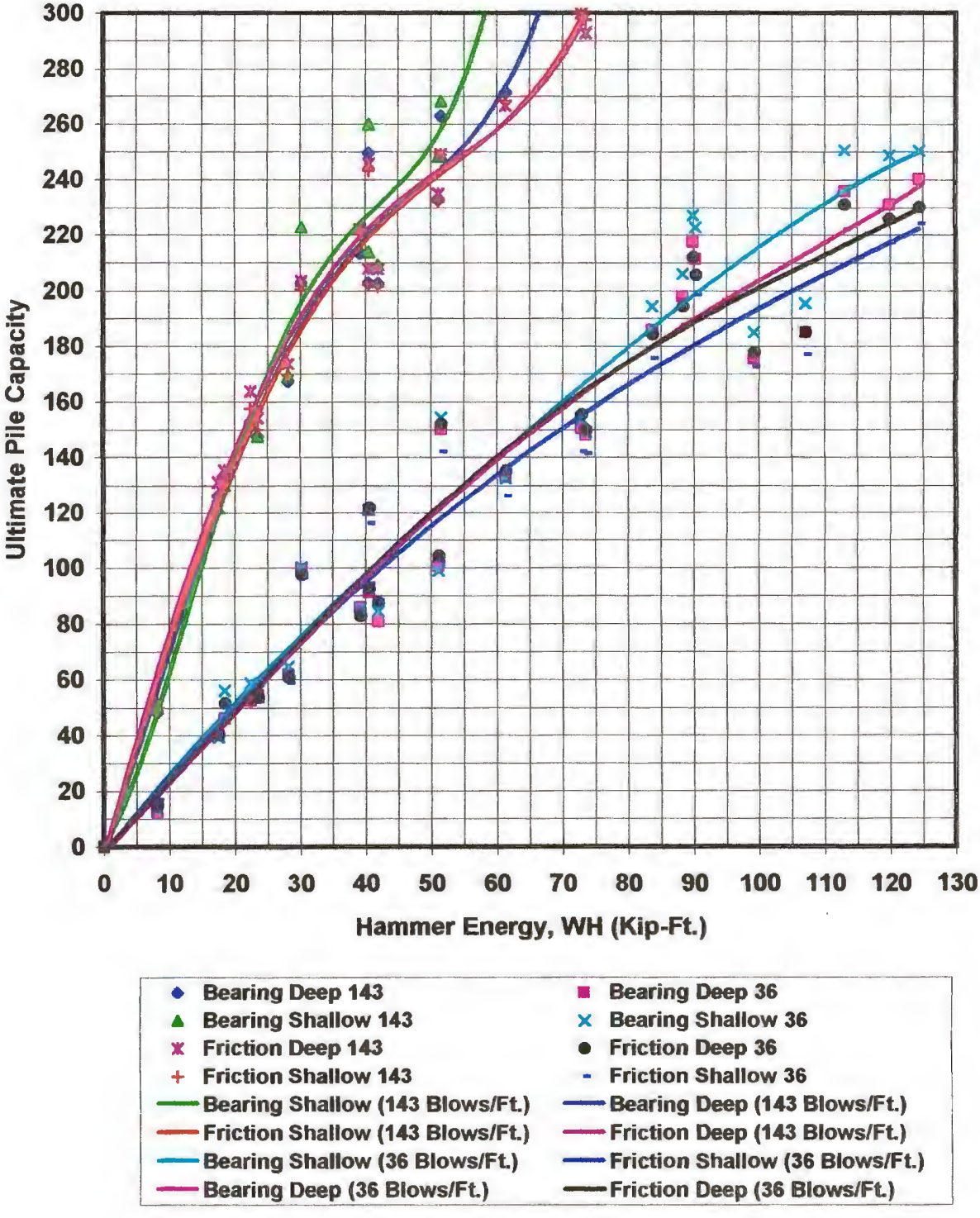
DIESEL AND ECH HAMMERS
ALTERNATE HAMMER APPROVAL
SELECTION CHART



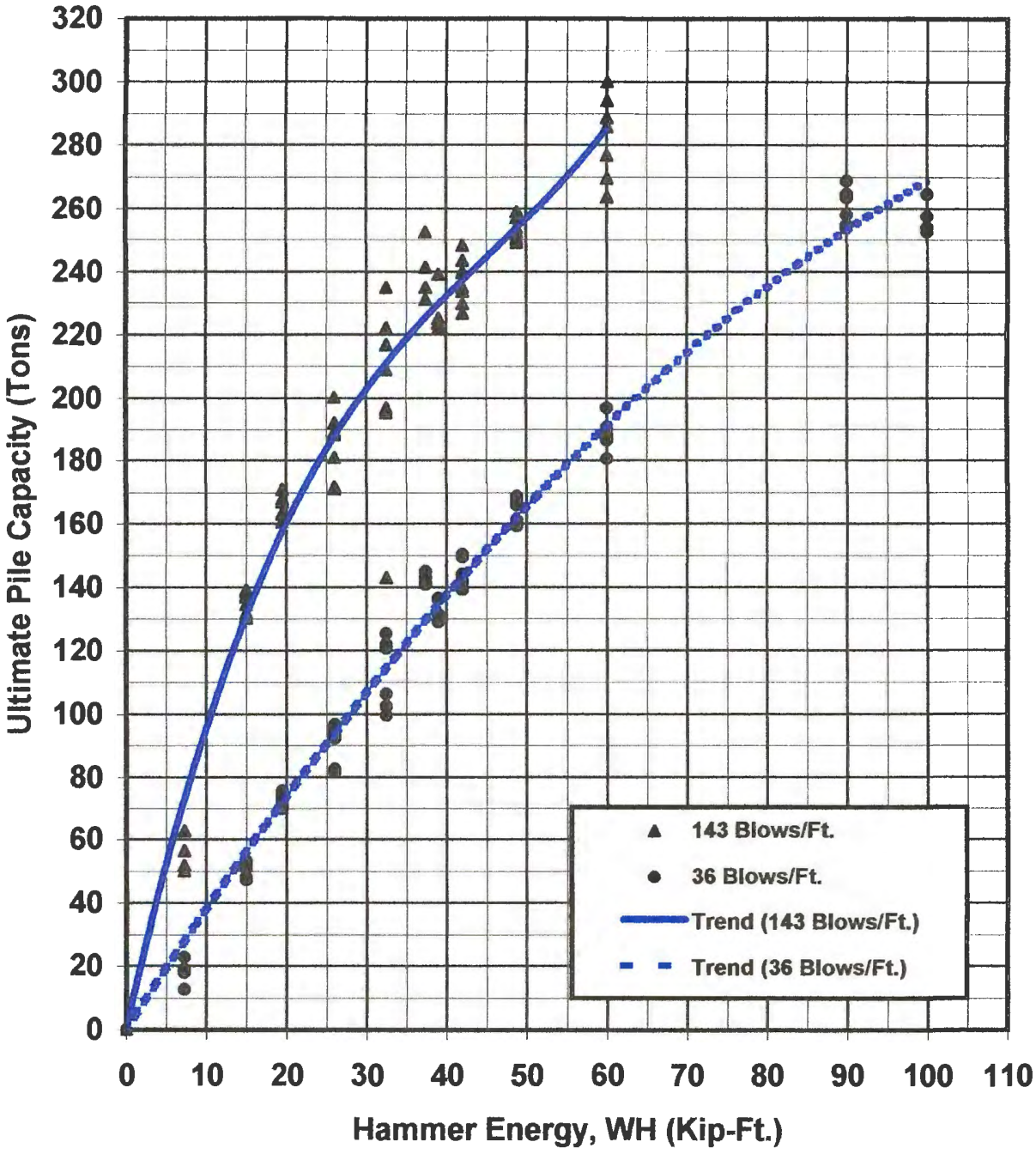
DIESEL HAMMERS
ALTERNATE HAMMER APPROVAL
SELECTION CHART



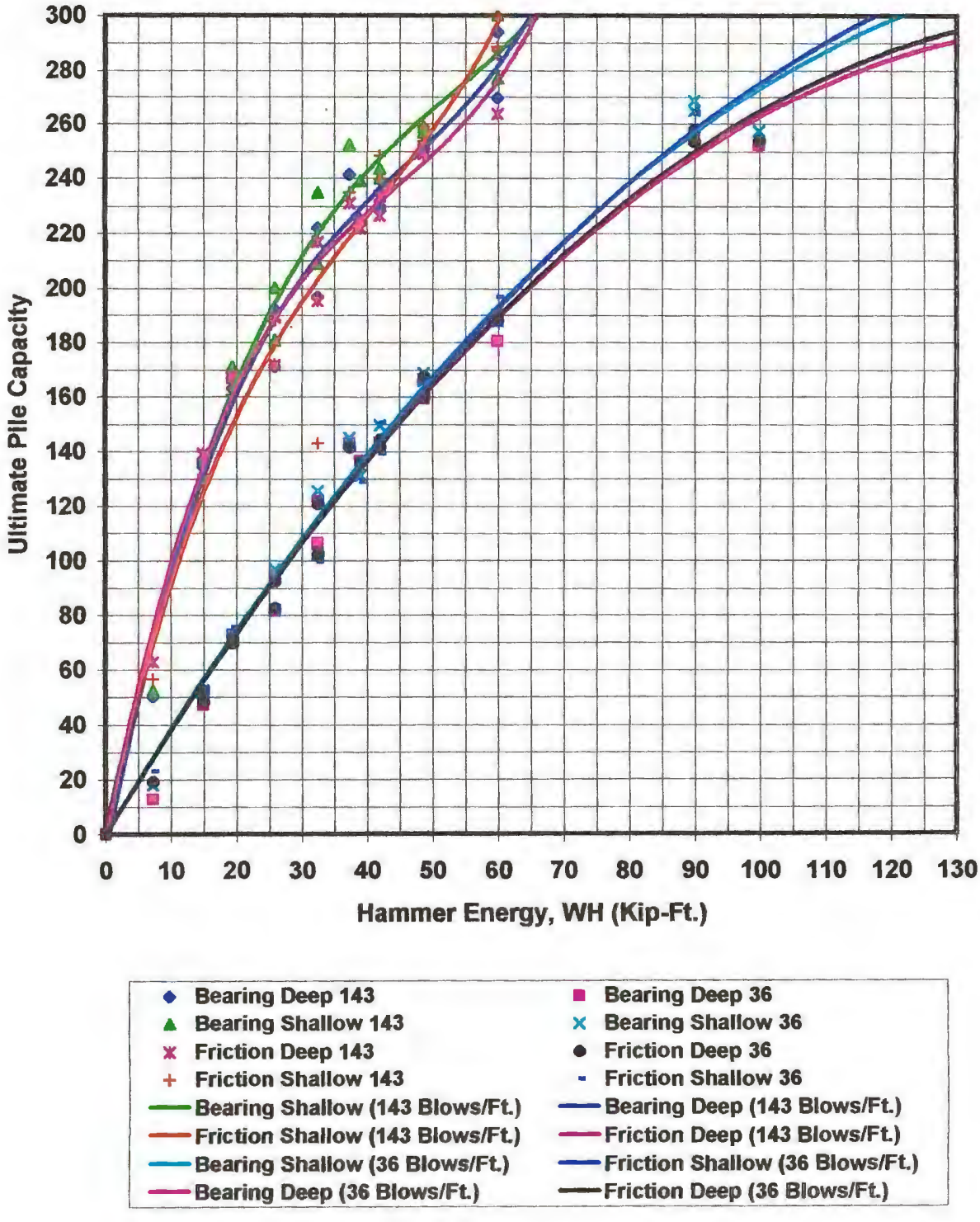
DIESEL HAMMERS
ALTERNATE HAMMER APPROVAL SELECTION CHART



ECH HAMMERS
ALTERNATE HAMMER APPROVAL
SELECTION CHART



ECH HAMMERS
ALTERNATE HAMMER APPROVAL SELECTION CHART



Summary of Wave Equation Results
For Alternate Hammer Approval Method

HAMMER ID.	RATED ENERGY (Kip-Ft.)	Bearing Deep		Bearing Shallow		Friction Deep		Friction Shallow		HAMMER TYPE
		143 HIGH (Tons)	36 LOW (Tons)	143 HIGH (Tons)	36 LOW (Tons)	143 HIGH (Tons)	36 LOW (Tons)	143 HIGH (Tons)	36 LOW (Tons)	
1	8.23	48.3	12.2	50.5	13.3	51.8	14.8	48.5	16.7	DIESEL
2	17.60	126.3	39.9	121.7	39.3	131.0	40.2	124.2	40.6	DIESEL
3	23.59	147.6	54.4	147.5	56.2	154.2	53.7	150.0	52.3	DIESEL
4	28.31	167.1	61.7	169.0	64.7	173.6	60.8	169.3	58.7	DIESEL
5	39.25	213.4	85.7	222.9	85.3	222.1	82.7	220.2	85.0	DIESEL
6	40.61	202.7	91.0	213.7	92.3	207.8	92.4	202.1	94.1	DIESEL
7	51.26	233.0	100.7	248.3	99.0	235.0	104.3	232.0	102.2	DIESEL
8	61.49	271.2	132.9	300.0	132.5	266.5	135.1	268.1	126.1	DIESEL
9	73.66	300.0	147.9	300.0	149.1	292.8	149.8	297.4	141.2	DIESEL
10	83.82	300.0	185.8	300.0	194.3	300.0	184.3	300.0	175.6	DIESEL
11	88.50	300.0	197.7	300.0	206.0	300.0	194.2	300.0	187.5	DIESEL
12	90.44	300.0	211.4	300.0	222.8	300.0	205.7	300.0	198.5	DIESEL
13	107.18	300.0	185.1	300.0	195.3	300.0	185.0	300.0	177.0	DIESEL
14	113.16	300.0	235.9	300.0	250.6	300.0	231.0	300.0	222.0	DIESEL
15	124.53	300.0	240.1	300.0	250.5	300.0	230.1	300.0	224.1	DIESEL
16	18.56	131.9	46.0	129.9	56.0	135.3	51.6	129.7	50.3	DIESEL
17	30.37	202.9	99.5	222.7	100.3	203.4	97.5	200.3	96.6	DIESEL
18	40.62	249.6	120.9	259.9	120.8	245.6	121.6	243.1	115.9	DIESEL
19	51.63	262.7	150.0	268.0	154.4	249.2	152.1	248.9	141.8	DIESEL
20	22.50	152.8	52.5	153.1	58.6	163.6	53.5	157.6	54.3	DIESEL
21	42.00	202.6	80.7	209.2	84.4	207.6	87.5	201.3	88.0	DIESEL
22	72.94	300.0	150.6	300.0	153.8	299.9	155.3	300.0	141.8	DIESEL
23	99.33	300.0	175.4	300.0	185.0	300.0	177.9	300.0	172.5	DIESEL
24	90.00	300.0	217.4	300.0	227.2	300.0	211.9	300.0	205.6	DIESEL
25	120.00	300.0	231.0	300.0	248.8	300.0	225.9	300.0	217.2	DIESEL
26	15.00	136.8	50.9	137.2	52.3	139.1	52.1	131.6	53.2	ECH
27	19.50	167.0	72.9	171.0	72.8	167.9	71.3	163.3	75.7	ECH
28	26.00	192.0	95.0	200.2	96.8	189.1	92.3	188.2	93.3	ECH
29	32.50	222.0	121.7	234.8	125.5	216.8	120.7	143.0	122.1	ECH
30	37.39	241.3	142.9	252.4	145.0	231.0	141.4	234.8	140.7	ECH
31	42.00	234.8	142.0	239.9	149.6	233.5	141.7	248.2	150.4	ECH
32	48.75	252.4	159.2	256.9	165.9	250.1	159.7	258.9	166.7	ECH
33	60.00	294.0	188.1	300.0	187.7	285.8	190.7	300.0	196.7	ECH
34	90.00	300.0	254.7	300.0	264.7	300.0	253.5	300.0	264.5	ECH
35	100.00	300.0	252.4	300.0	257.4	300.0	253.9	300.0	264.5	ECH
36	150.00	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	ECH
37	15.00	134.4	47.2	130.7	51.1	138.6	48.2	130.1	51.8	ECH
38	7.26	50.3	12.7	52.0	17.9	62.8	19.1	56.4	23.0	ECH
39	19.50	163.0	70.1	166.9	71.5	166.9	69.8	160.5	74.2	ECH
40	26.00	171.2	81.6	180.9	81.9	171.8	82.4	171.6	81.6	ECH
41	32.50	196.8	106.3	208.9	102.5	195.2	102.3	196.4	99.7	ECH
42	39.00	225.0	136.4	239.0	131.3	221.8	135.9	223.5	128.9	ECH
43	42.00	229.7	143.3	243.4	141.8	226.6	144.2	239.6	139.1	ECH
44	48.75	250.3	166.5	259.0	168.8	249.0	167.6	253.8	161.2	ECH
45	60.00	269.6	180.5	276.9	190.1	263.7	188.0	288.6	186.4	ECH
46	90.00	300.0	254.5	300.0	268.8	300.0	257.9	300.0	263.6	ECH
47	120.00	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	ECH
48	180.00	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	ECH

TYPICAL HAMMERS

Hammer No.	GRL ID No.	Hammer MFG	Hammer Name	Max. Rated Energy (ft-kip)	Hammer Type
1	1	Delmag	D5	8.23	OED
2	2	Delmag	D8-22	17.60	OED
3	3	Delmag	D12	23.59	OED
4	4	Delmag	D15	28.31	OED
5	5	Delmag	D16-32	39.25	OED
6	6	Delmag	D22	40.61	OED
7	9	Delmag	D22-23	51.26	OED
8	10	Delmag	D25-32	61.49	OED
9	15	Delmag	D30-32	73.66	OED
10	16	Delmag	D36	83.82	OED
11	20	Delmag	D36-32	88.50	OED
12	21	Delmag	D44	90.44	OED
13	22	Delmag	D46	107.18	OED
14	26	Delmag	D46-32	113.16	OED
15	27	Delmag	D55	124.53	OED
16	122	ICE	440	18.56	CED
17	123	ICE	520	30.37	CED
18	124	ICE	640	40.62	CED
19	125	ICE	660	51.63	CED
20	127	ICE	30-S	22.50	OED
21	129	ICE	42-S	42.00	OED
22	130	ICE	60-S	72.94	OED
23	132	ICE	80-S	99.33	OED
24	133	ICE	90-S	90.00	OED
25	134	ICE	100-S	120.00	OED
26	171	Conmaco	C50	15.00	ECH
27	172	Conmaco	C65	19.50	ECH
28	175	Conmaco	C80	26.00	ECH
29	176	Conmaco	C100	32.50	ECH
30	177	Conmaco	C115	37.38	ECH

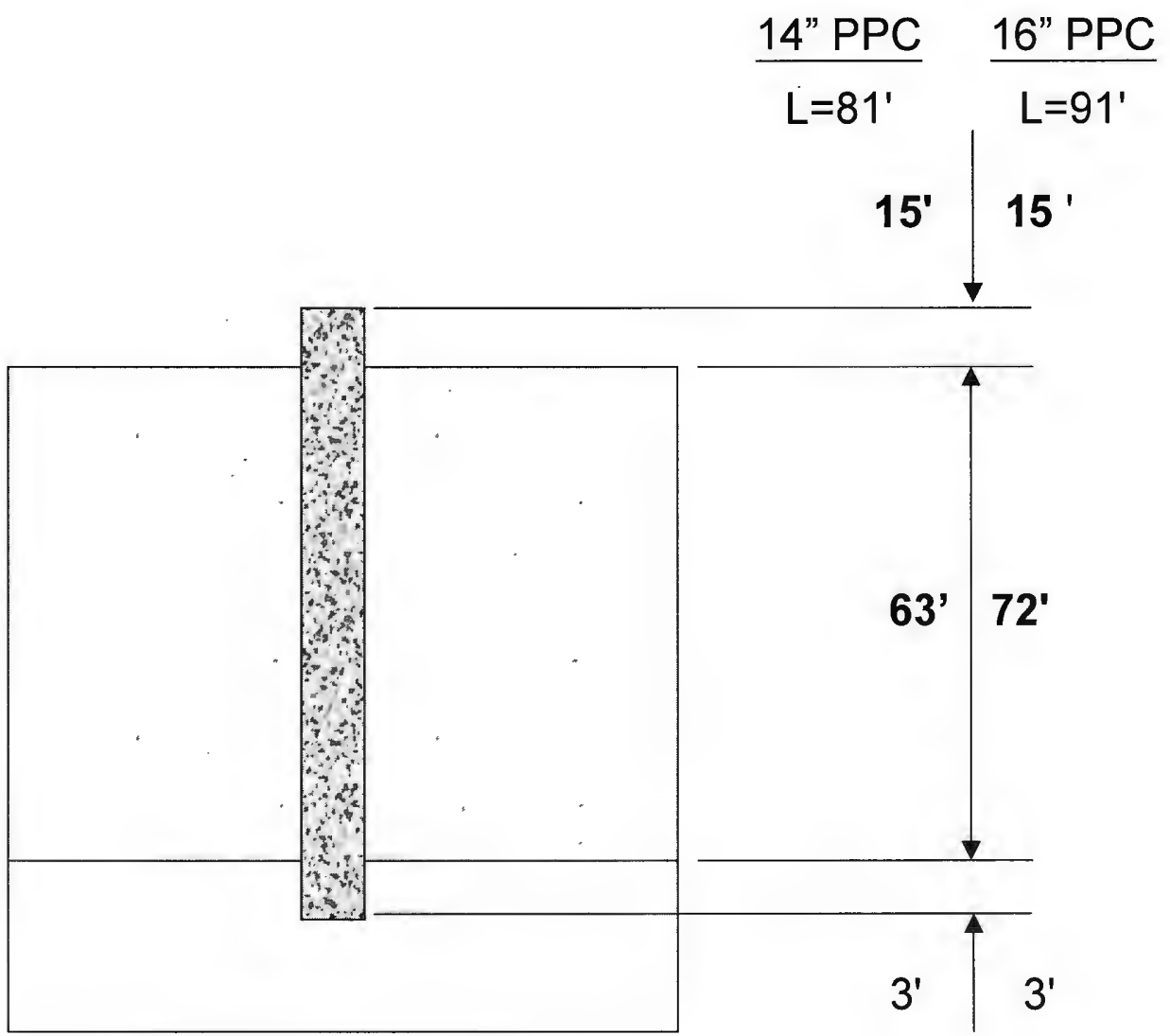
Hammer No.	GRL ID No.	Hammer MFG	Hammer Name	Max. Rated Energy (ft-kip)	Hammer Type
31	182	Conmaco	C140	42.00	ECH
32	183	Conmaco	C160	48.75	ECH
33	184	Conmaco	C200	60.00	ECH
34	185	Conmaco	C300	90.00	ECH
35	186	Conmaco	C5200	100.00	ECH
36	187	Conmaco	C5300	150.00	ECH
37	204	Vulcan	01	15.00	ECH
38	205	Vulcan	02	7.26	ECH
39	206	Vulcan	06	19.50	ECH
40	207	Vulcan	08	26.00	ECH
41	208	Vulcan	010	32.50	ECH
42	209	Vulcan	012	39.00	ECH
43	210	Vulcan	014	42.00	ECH
44	211	Vulcan	016	48.75	ECH
45	212	Vulcan	020	60.00	ECH
46	213	Vulcan	030	90.00	ECH
47	214	Vulcan	040	120.00	ECH
48	215	Vulcan	060	180.00	ECH

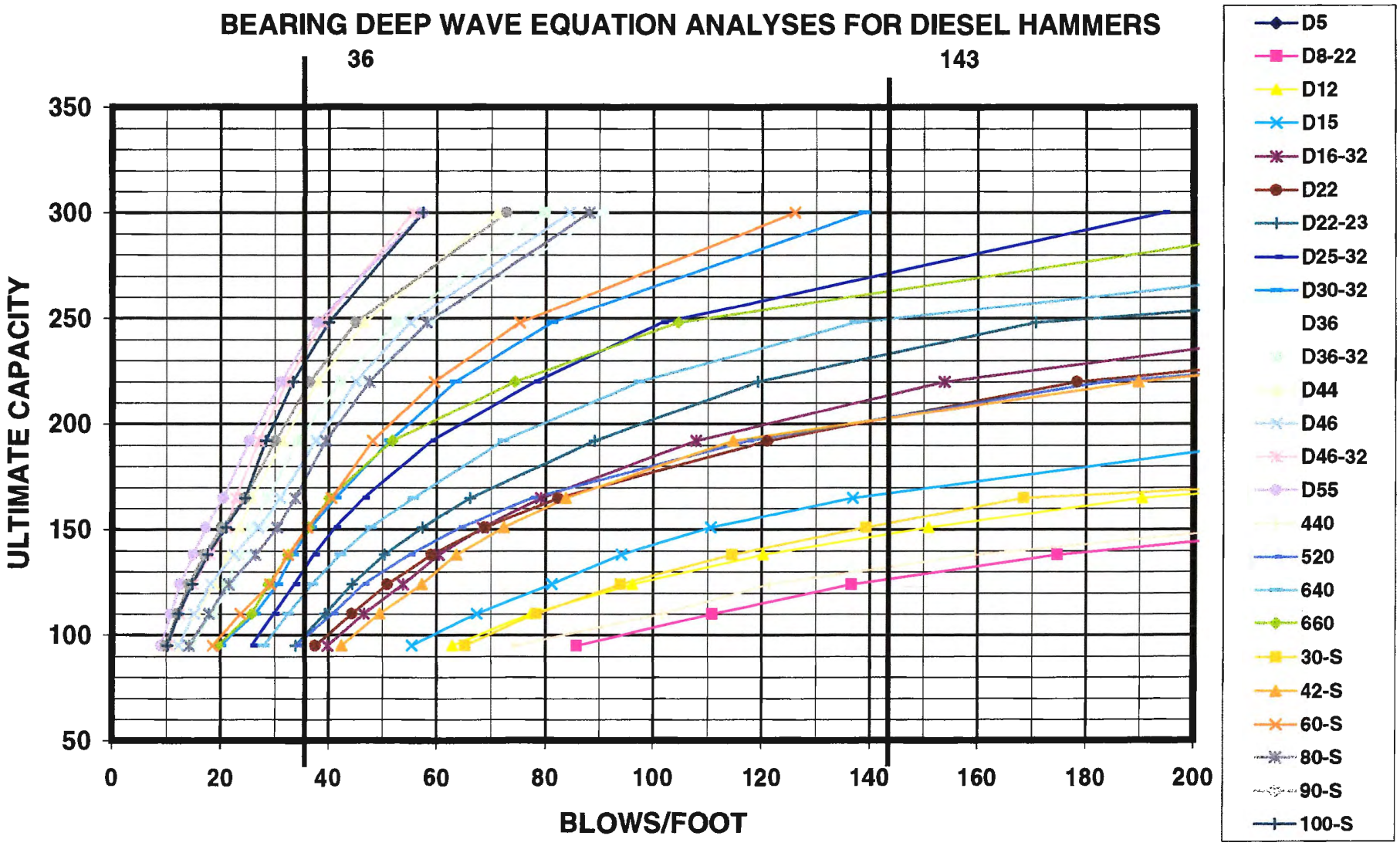
PILE CAPACITIES

Design Load: 40 Tons		
Safety Factor	Ultimate Pile Capacity (Tons)	Ultimate Pile Capacity (kips)
1.00	40	80
2.00	80	16
2.25	90	180
2.50	100	200
2.75	110	220
3.00	120	240
3.50	140	280
4.00	160	320
4.50	180	360
5.00	200	400

Design Load: 55 Tons		
Safety Factor	Ultimate Pile Capacity (Tons)	Ultimate Pile Capacity (kips)
1.00	55	110
2.00	110	220
2.25	124	248
2.50	138	276
2.75	151	302
3.00	165	330
3.50	192	384
4.00	220	440
4.50	248	496
5.00	275	550

BEARING DEEP (BD)




BEARING DEEP WAVE EQUATION ANALYSES FOR DIESEL HAMMERS
36
143
ULTIMATE CAPACITY
350
300
250
200
150
100
50
0
20
40
60
80
100
120
140
160
180
200
BLOWS/FOOT
D5
D8-22
D12
D15
D16-32
D22
D22-23
D25-32
D30-32
D36
D36-32
D44
D46
D46-32
D55
440
520
640
660
30-S
42-S
60-S
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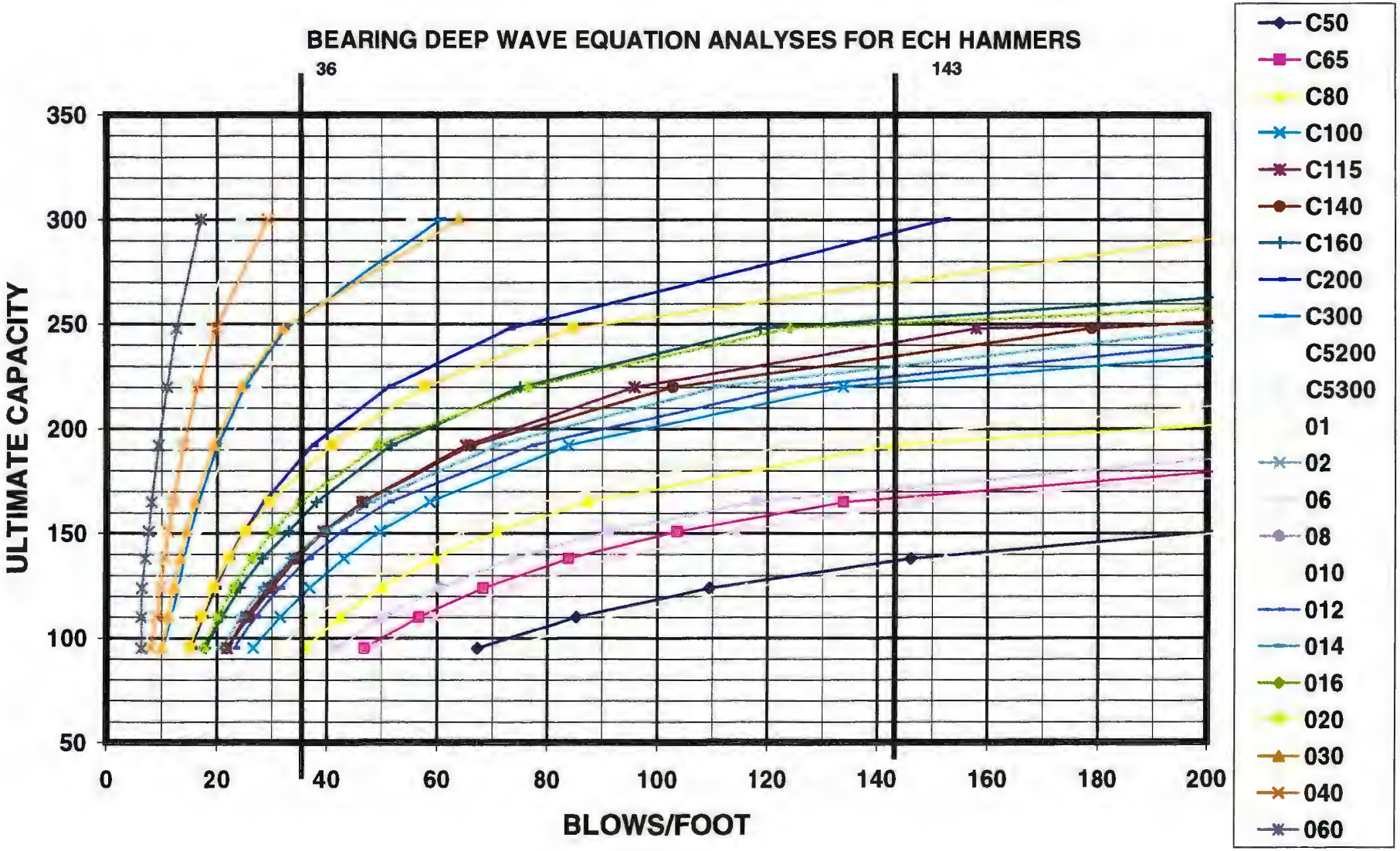
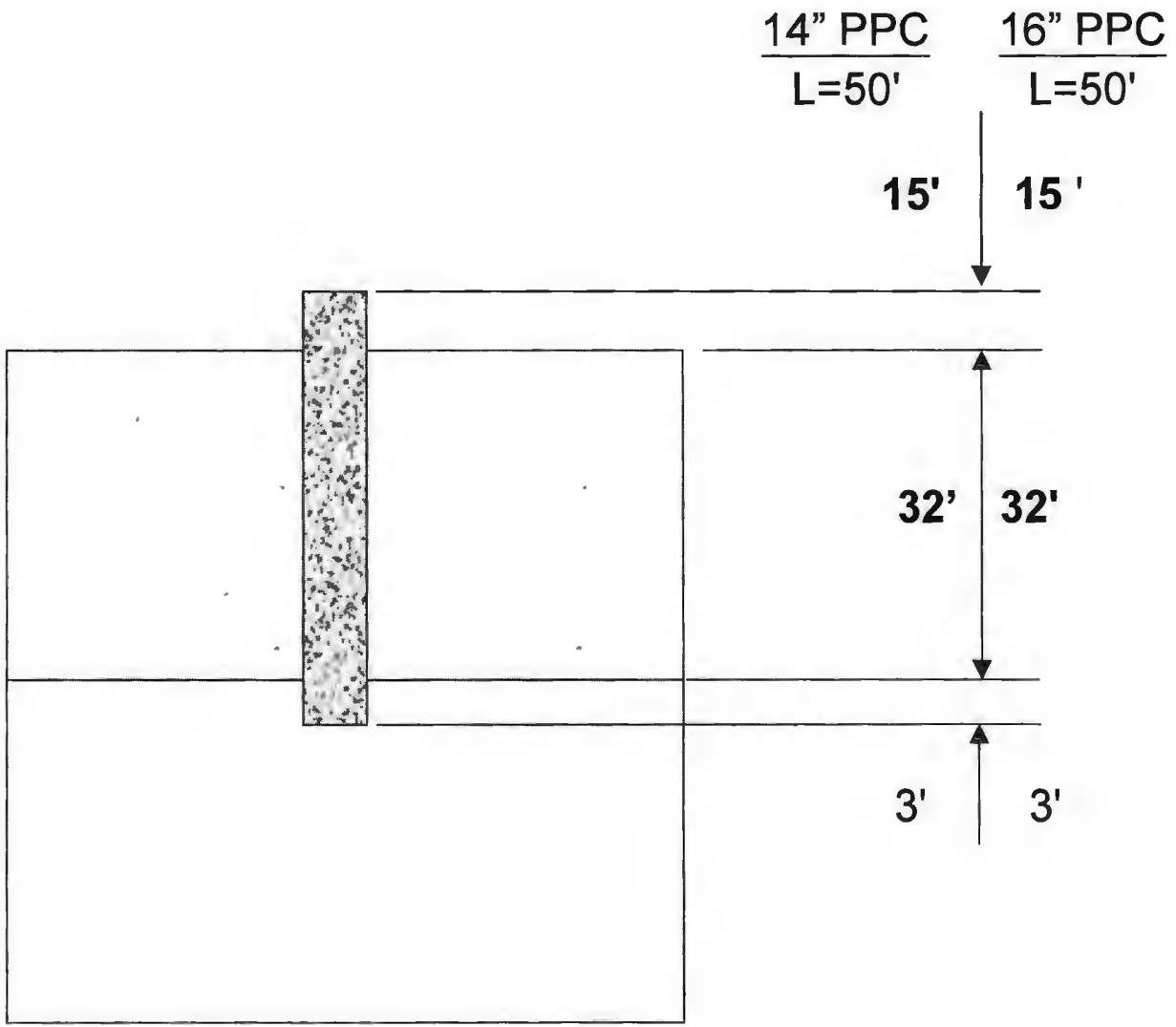
90-S
100-S

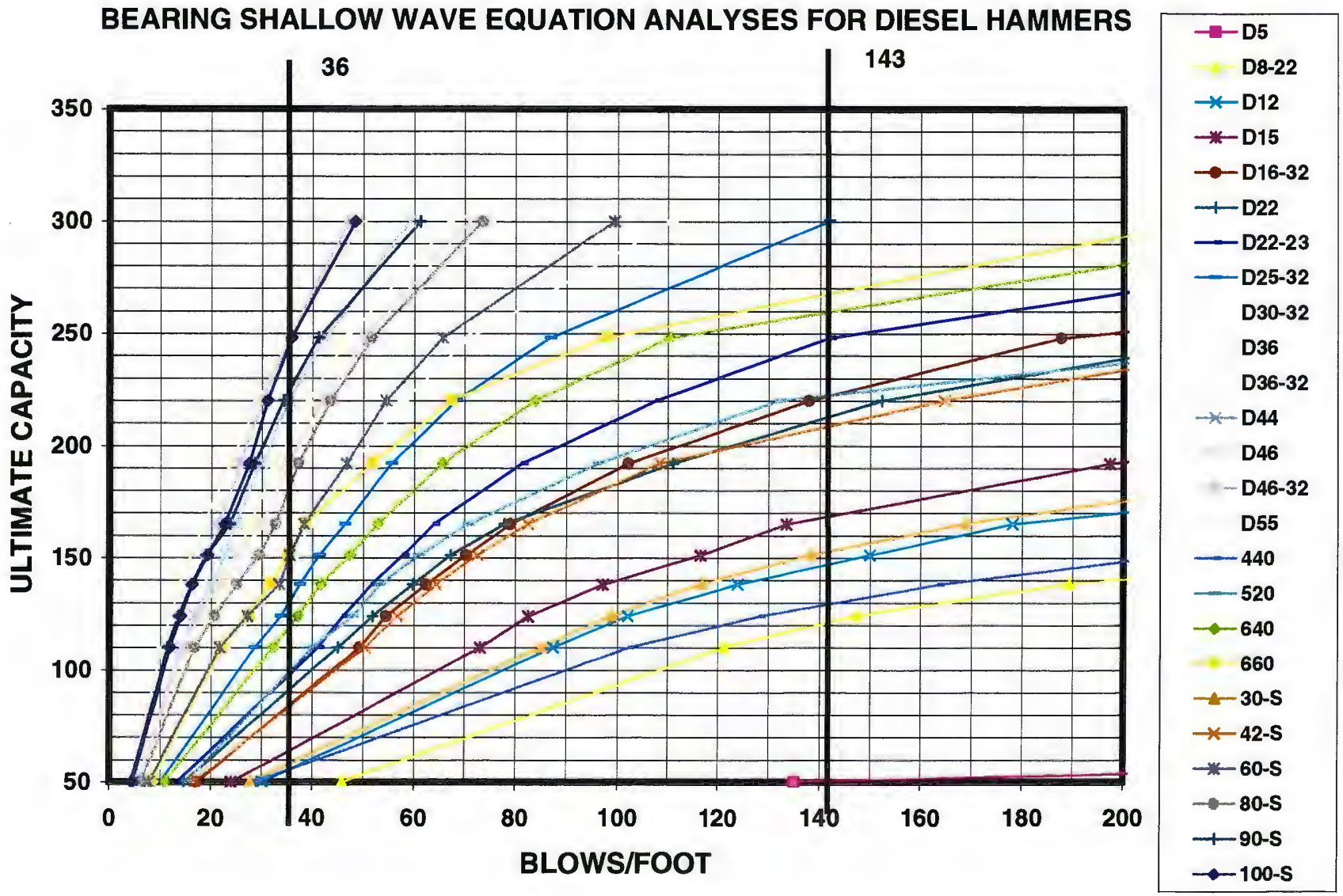

BEARING DEEP WAVE EQUATION ANALYSES FOR ECH HAMMERS
36
143
ULTIMATE CAPACITY
350
300
250
200
150
100
50
0
20
40
60
80
100
120
140
160
180
200
BLOWS/FOOT
C50
C65
C80
C100
C115
C140
C160
C200
C300
C5200
C5300
01
02
06
08
010
012
014
016
020
030
040
060

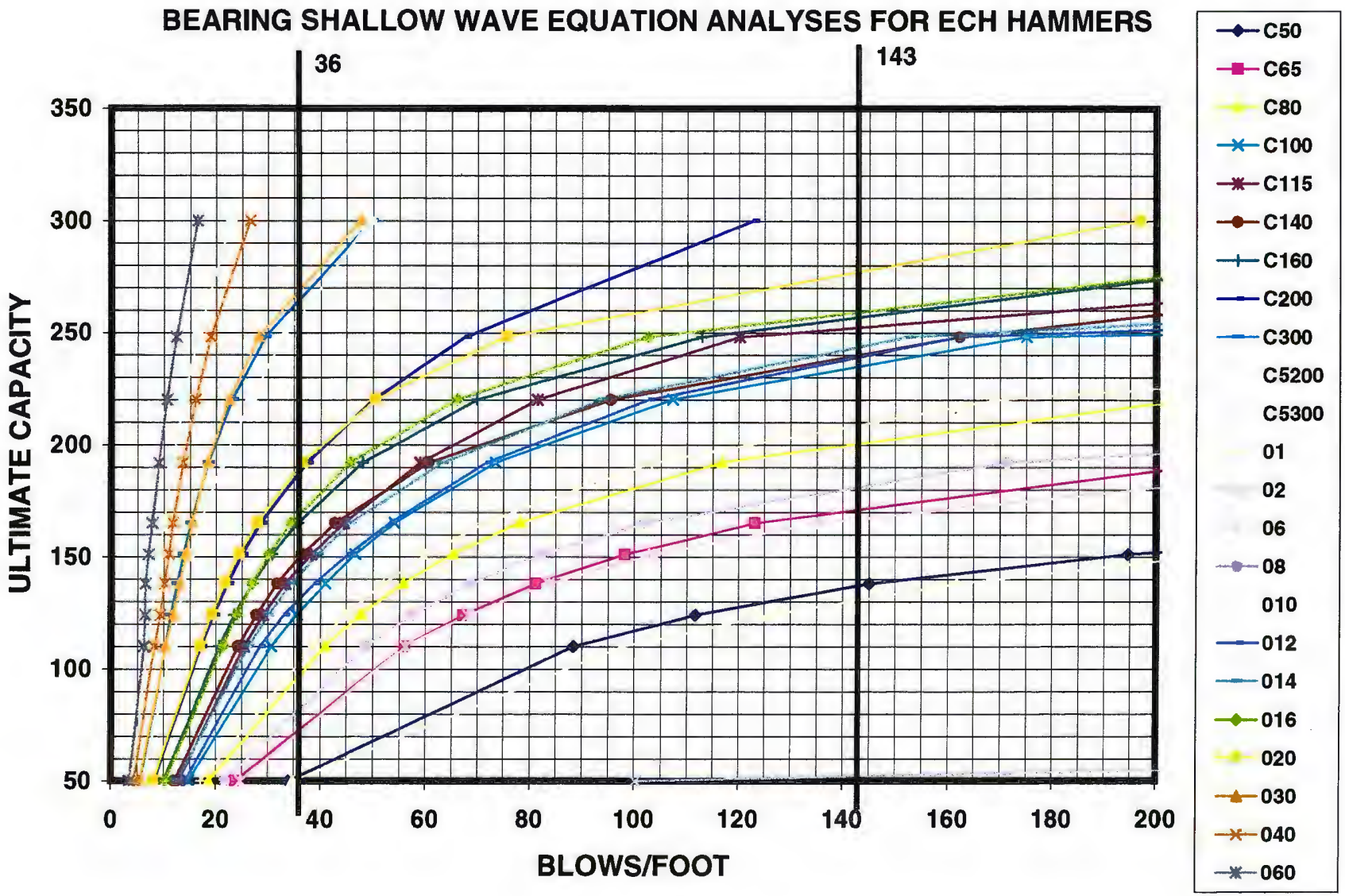
BEARING DEEP
ULTIMATE CAPACITY RANGE

HAMMER ID.	143 HIGH	36 LOW	MAX	RATED ENERGY	MIN	RATED ENERGY
1	48.3	12.2	48.3	8.23	12.2	8.2
2	126.3	39.9	126.3	17.60	39.9	17.6
3	147.6	54.4	147.6	23.59	54.4	23.6
4	167.1	61.7	167.1	28.31	61.7	28.3
5	213.4	85.7	213.4	39.25	85.7	39.3
6	202.7	91.0	202.7	40.61	91.0	40.6
7	233.0	100.7	233.0	51.26	100.7	51.3
8	271.2	132.9	271.2	61.49	132.9	61.5
9	300.0	147.9	300.0	73.66	147.9	73.7
10	300.0	185.8	300.0	83.82	185.8	83.8
11	300.0	197.7	300.0	88.50	197.7	88.5
12	300.0	211.4	300.0	90.44	211.4	90.4
13	300.0	185.1	300.0	107.18	185.1	107.2
14	300.0	235.9	300.0	113.16	235.9	113.2
15	300.0	240.1	300.0	124.53	240.1	124.5
16	131.9	46.0	131.9	18.56	46.0	18.6
17	202.9	99.5	202.9	30.37	99.5	30.4
18	249.6	120.9	249.6	40.62	120.9	40.6
19	262.7	150.0	262.7	51.63	150.0	51.6
20	152.8	52.5	152.8	22.50	52.5	22.5
21	202.6	80.7	202.6	42.00	80.7	42.0
22	300.0	150.6	300.0	72.94	150.6	72.9
23	300.0	175.4	300.0	99.33	175.4	99.3
24	300.0	217.4	300.0	90.00	217.4	90.0
25	300.0	231.0	300.0	120.00	231.0	120.0
26	136.8	50.9	136.8	15.00	50.9	15.0
27	167.0	72.9	167.0	19.50	72.9	19.5
28	192.0	95.0	192.0	26.00	95.0	26.0
29	222.0	121.7	222.0	32.50	121.7	32.5
30	241.3	142.9	241.3	37.39	142.9	37.4
31	234.8	142.0	234.8	42.00	142.0	42.0
32	252.4	159.2	252.4	48.75	159.2	48.8
33	294.0	188.1	294.0	60.00	188.1	60.0
34	300.0	254.7	300.0	90.00	254.7	90.0
35	300.0	252.4	300.0	100.00	252.4	100.0
36	300.0	300.0	300.0	150.00	300.0	150.0
37	134.4	47.2	134.4	15.00	47.2	15.0
38	50.3	12.7	50.3	7.26	12.7	7.3
39	163.0	70.1	163.0	19.50	70.1	19.5
40	171.2	81.6	171.2	26.00	81.6	26.0
41	196.8	106.3	196.8	32.50	106.3	32.5
42	225.0	136.4	225.0	39.00	136.4	39.0
43	229.7	143.3	229.7	42.00	143.3	42.0
44	250.3	166.5	250.3	48.75	166.5	48.8
45	269.6	180.5	269.6	60.00	180.5	60.0
46	300.0	254.5	300.0	90.00	254.5	90.0
47	300.0	300.0	300.0	120.00	300.0	120.0
48	300.0	300.0	300.0	180.00	300.0	180.0

BEARING SHALLOW (BS)



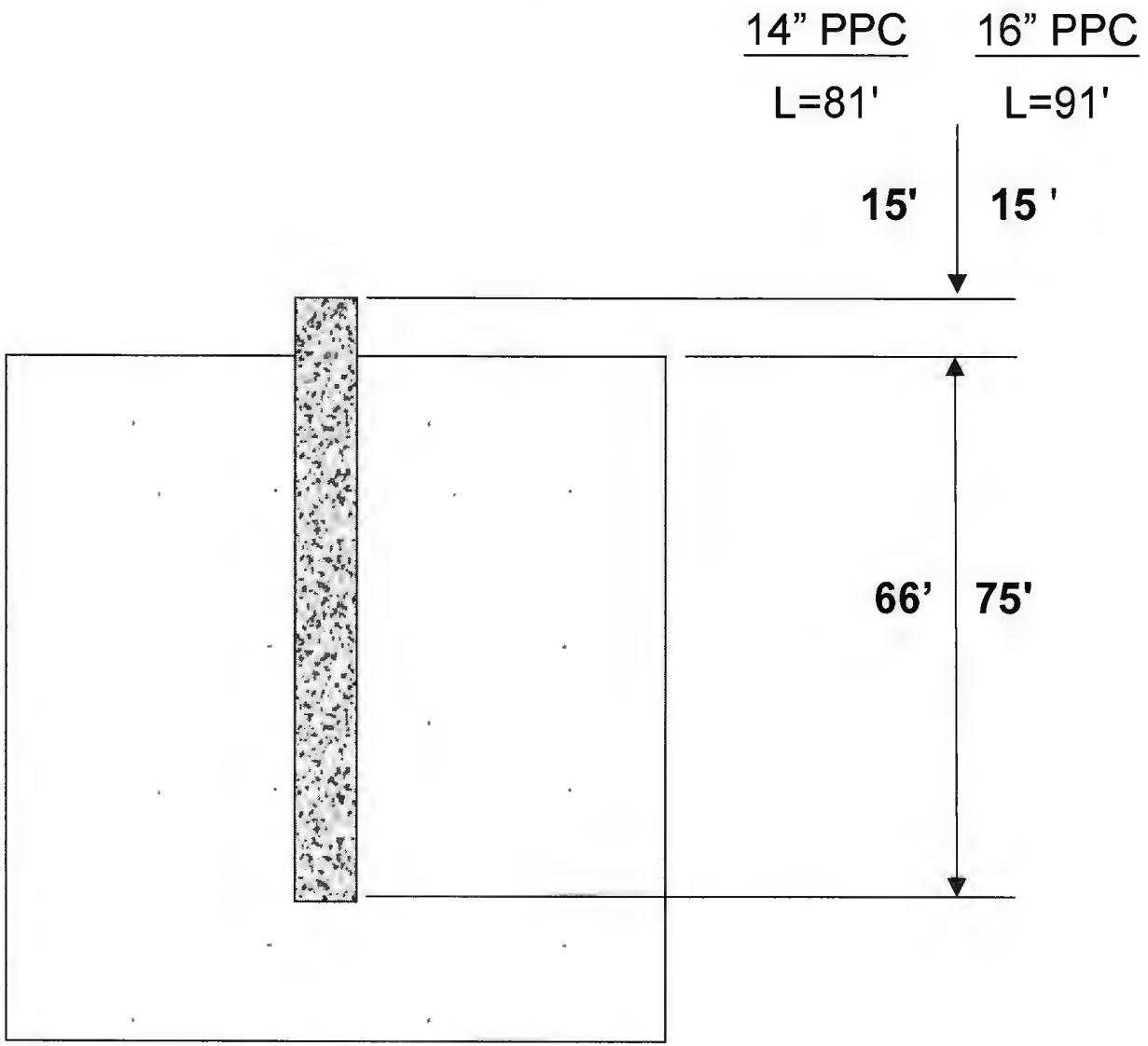

BEARING SHALLOW WAVE EQUATION ANALYSES FOR DIESEL HAMMERS
36
143
350
300
250
200
150
100
50
ULTIMATE CAPACITY
0
20
40
60
80
100
120
140
160
180
200
BLOWS/FOOT
D5
D8-22
D12
D15
D16-32
D22
D22-23
D25-32
D30-32
D36
D36-32
D44
D46
D46-32
D55
440
520
640
660
30-S
42-S
60-S
80-S
90-S
100-S

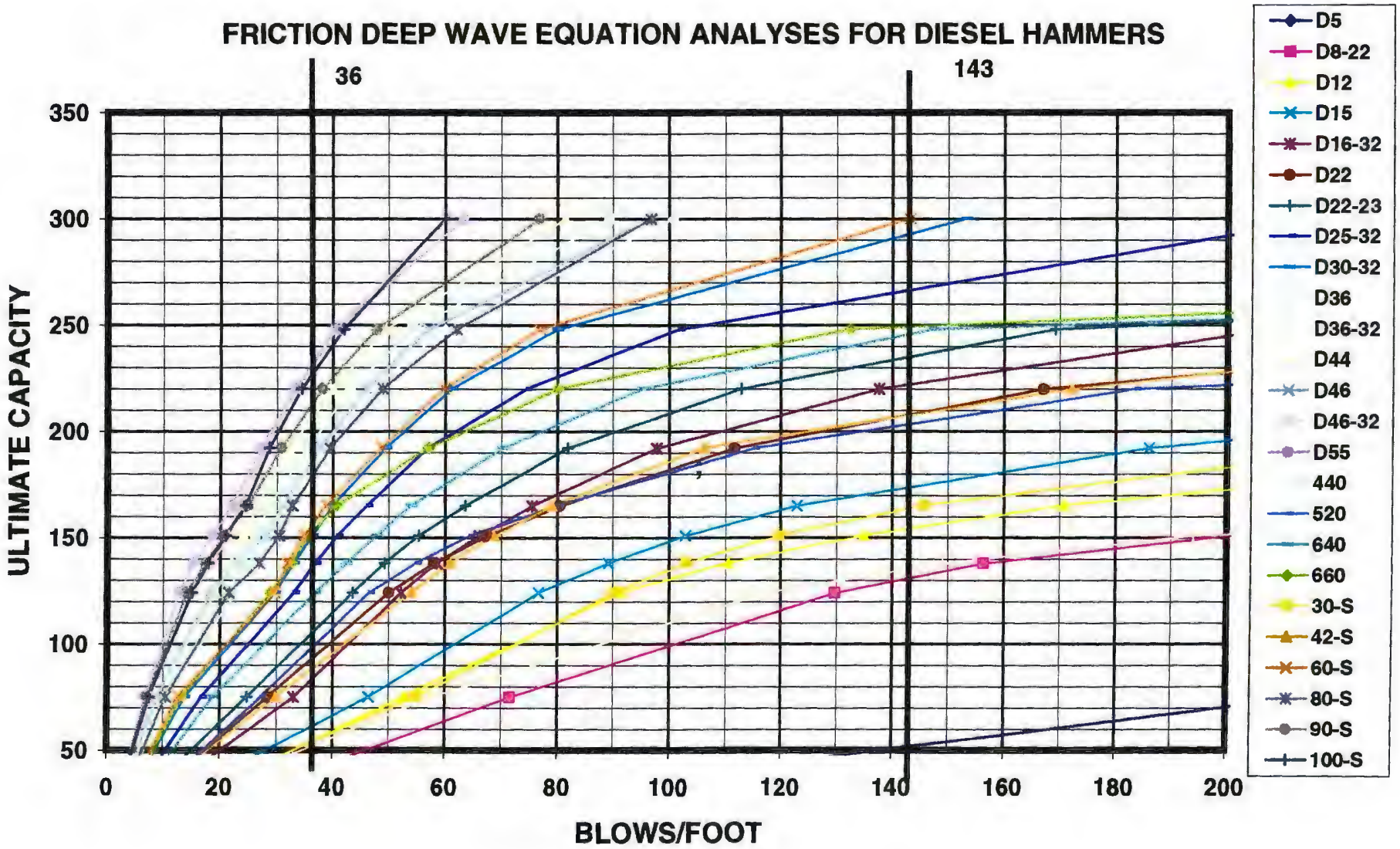

BEARING SHALLOW WAVE EQUATION ANALYSES FOR ECH HAMMERS
36
143
ULTIMATE CAPACITY
350
300
250
200
150
100
50
0
20
40
60
80
100
120
140
160
180
200
BLOWS/FOOT
C50
C65
C80
C100
C115
C140
C160
C200
C300
C5200
C5300
01
02
06
08
010
012
014
016
020
030
040
060

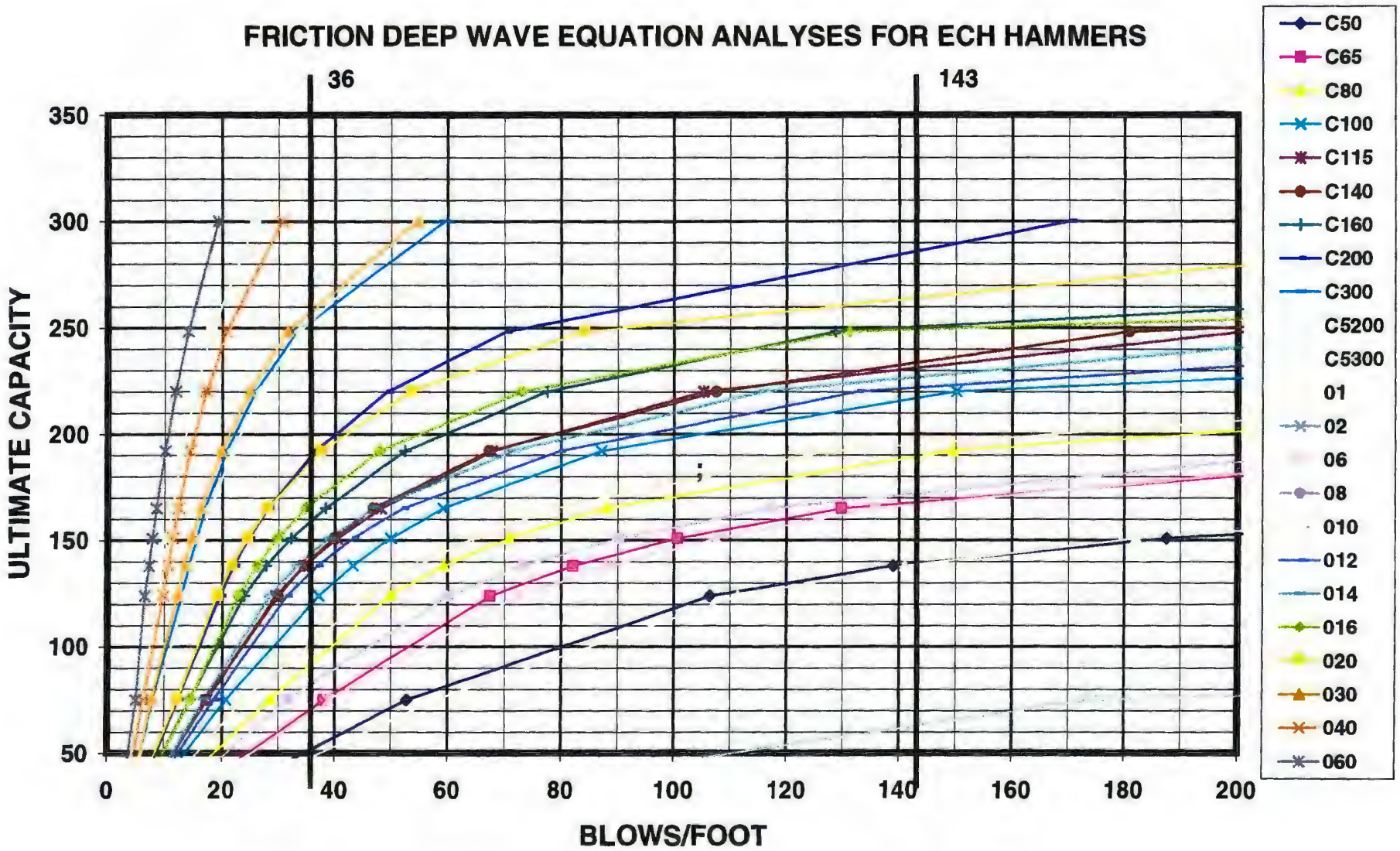
BEARING SHALLOW
ULTIMATE CAPACITY RANGE

HAMMER ID.	143 HIGH	36 LOW	MAX	RATED ENERGY	MIN	RATED ENERGY
1	50.5	13.3	50.5	8.23	13.3	8.2
2	121.7	39.3	121.7	17.60	39.3	17.6
3	147.5	56.2	147.5	23.59	56.2	23.6
4	169.0	64.7	169.0	28.31	64.7	28.3
5	222.9	85.3	222.9	39.25	85.3	39.3
6	213.7	92.3	213.7	40.61	92.3	40.6
7	248.3	99.0	248.3	51.26	99.0	51.3
8	300.0	132.5	300.0	61.49	132.5	61.5
9	300.0	149.1	300.0	73.66	149.1	73.7
10	300.0	194.3	300.0	83.82	194.3	83.8
11	300.0	206.0	300.0	88.50	206.0	88.5
12	300.0	222.8	300.0	90.44	222.8	90.4
13	300.0	195.3	300.0	107.18	195.3	107.2
14	300.0	250.6	300.0	113.16	250.6	113.2
15	300.0	250.5	300.0	124.53	250.5	124.5
16	129.9	56.0	129.9	18.56	56.0	18.6
17	222.7	100.3	222.7	30.37	100.3	30.4
18	259.9	120.8	259.9	40.62	120.8	40.6
19	268.0	154.4	268.0	51.63	154.4	51.6
20	153.1	58.6	153.1	22.50	58.6	22.5
21	209.2	84.4	209.2	42.00	84.4	42.0
22	300.0	153.8	300.0	72.94	153.8	72.9
23	300.0	185.0	300.0	99.33	185.0	99.3
24	300.0	227.2	300.0	90.00	227.2	90.0
25	300.0	248.8	300.0	120.00	248.8	120.0
26	137.2	52.3	137.2	15.00	52.3	15.0
27	171.0	72.8	171.0	19.50	72.8	19.5
28	200.2	96.8	200.2	26.00	96.8	26.0
29	234.8	125.5	234.8	32.50	125.5	32.5
30	252.4	145.0	252.4	37.39	145.0	37.4
31	239.9	149.6	239.9	42.00	149.6	42.0
32	256.9	165.9	256.9	48.75	165.9	48.8
33	300.0	187.7	300.0	60.00	187.7	60.0
34	300.0	264.7	300.0	90.00	264.7	90.0
35	300.0	257.4	300.0	100.00	257.4	100.0
36	300.0	300.0	300.0	150.00	300.0	150.0
37	130.7	51.1	130.7	15.00	51.1	15.0
38	52.0	17.9	52.0	7.26	17.9	7.3
39	166.9	71.5	166.9	19.50	71.5	19.5
40	180.9	81.9	180.9	26.00	81.9	26.0
41	208.9	102.5	208.9	32.50	102.5	32.5
42	239.0	131.3	239.0	39.00	131.3	39.0
43	243.4	141.8	243.4	42.00	141.8	42.0
44	259.0	168.8	259.0	48.75	168.8	48.8
45	276.9	190.1	276.9	60.00	190.1	60.0
46	300.0	268.8	300.0	90.00	268.8	90.0
47	300.0	300.0	300.0	120.00	300.0	120.0
48	300.0	300.0	300.0	180.00	300.0	180.0

FRICTION DEEP (FD)



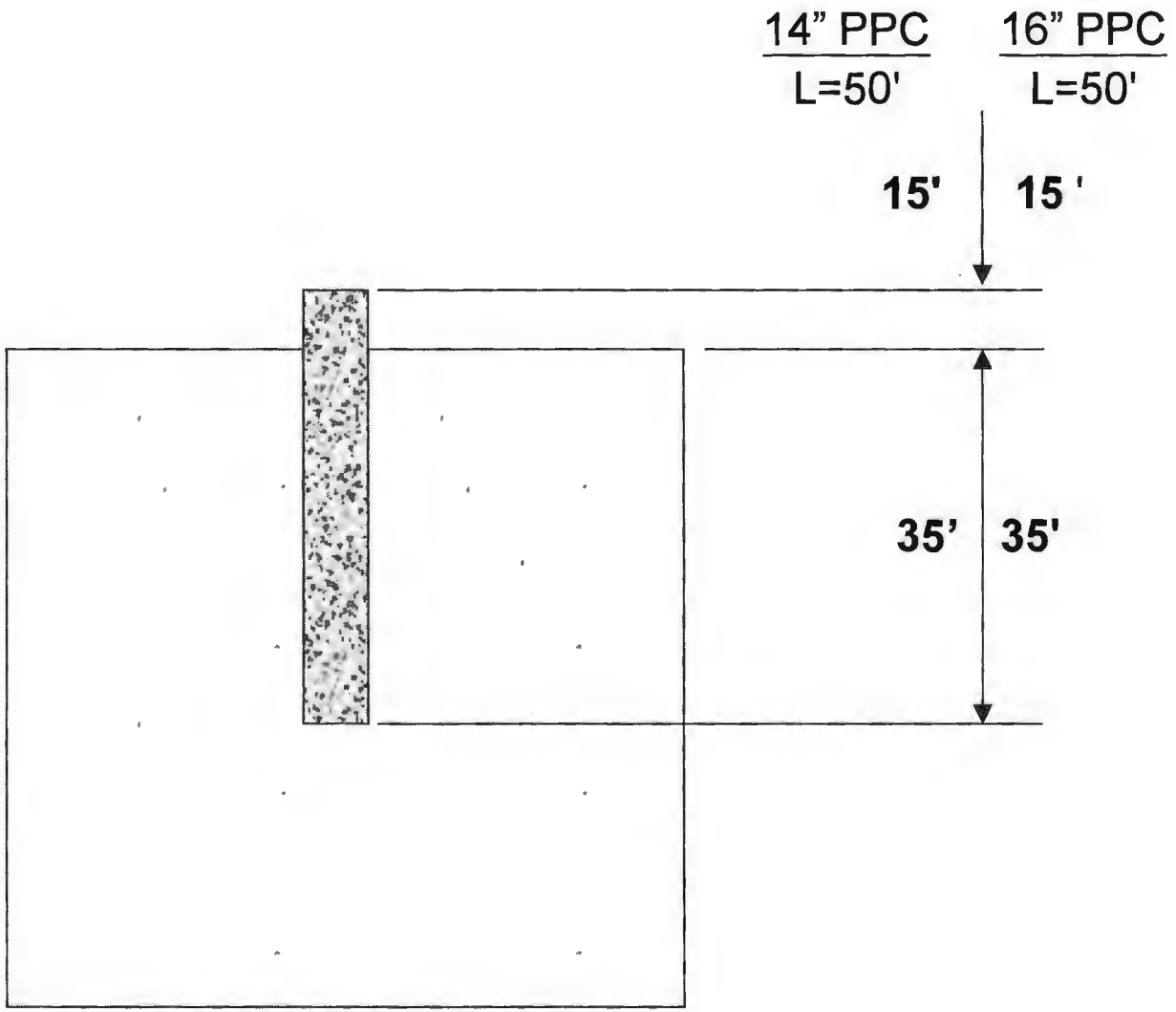

FRICTION DEEP WAVE EQUATION ANALYSES FOR DIESEL HAMMERS
36
143
ULTIMATE CAPACITY
350
300
250
200
150
100
50
0
20
40
60
80
100
120
140
160
180
200
BLOWS/FOOT
D5
D8-22
D12
D15
D16-32
D22
D22-23
D25-32
D30-32
D36
D36-32
D44
D46
D46-32
D55
440
520
640
660
30-S
42-S
60-S
80-S
90-S
100-S

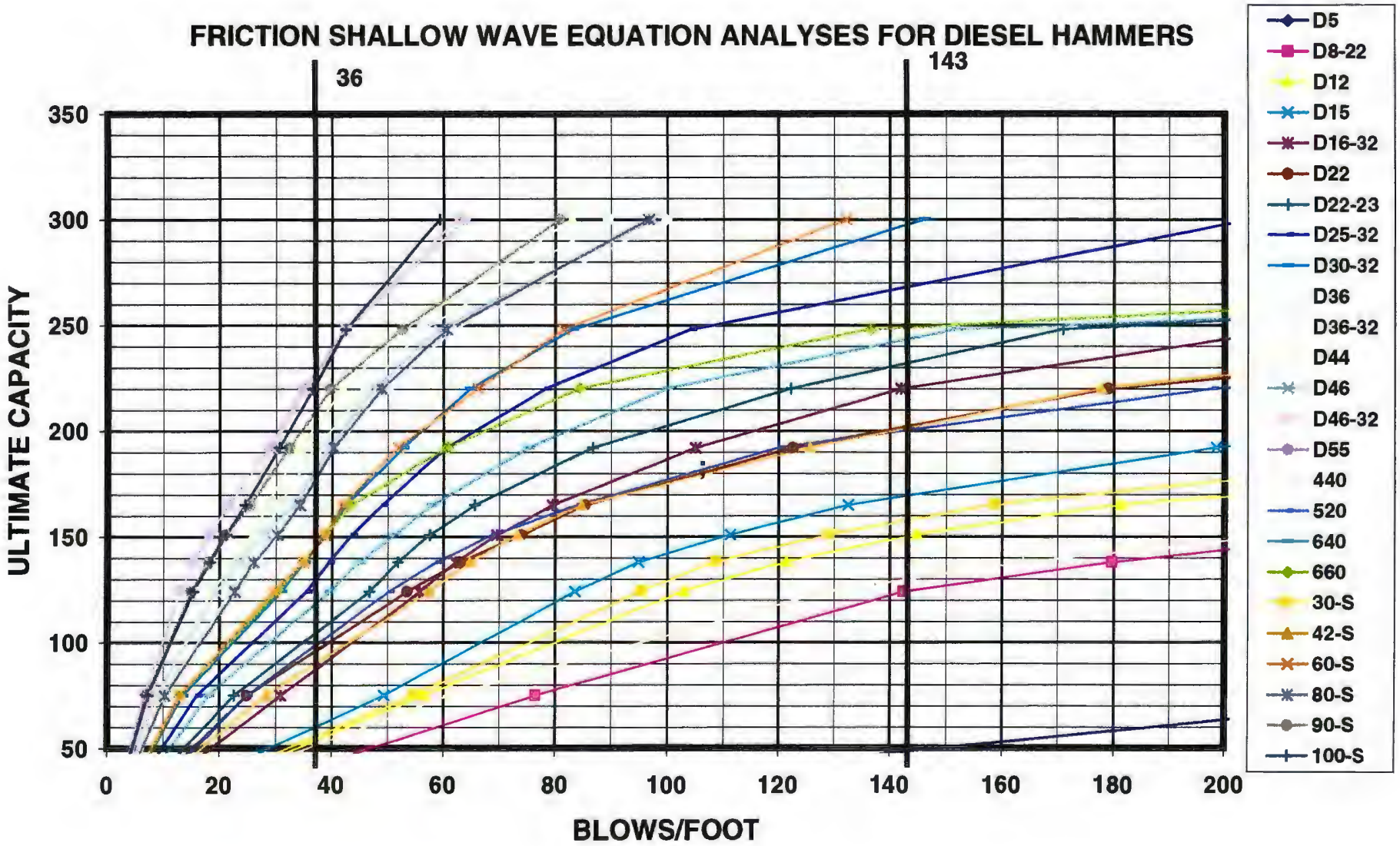

FRICTION DEEP WAVE EQUATION ANALYSES FOR ECH HAMMERS
36
143
ULTIMATE CAPACITY
350
300
250
200
150
100
50
0
20
40
60
80
100
120
140
160
180
200
BLOWS/FOOT
C50
C65
C80
C100
C115
C140
C160
C200
C300
C5200
C5300
01
02
06
08
010
012
014
016
020
030
040
060

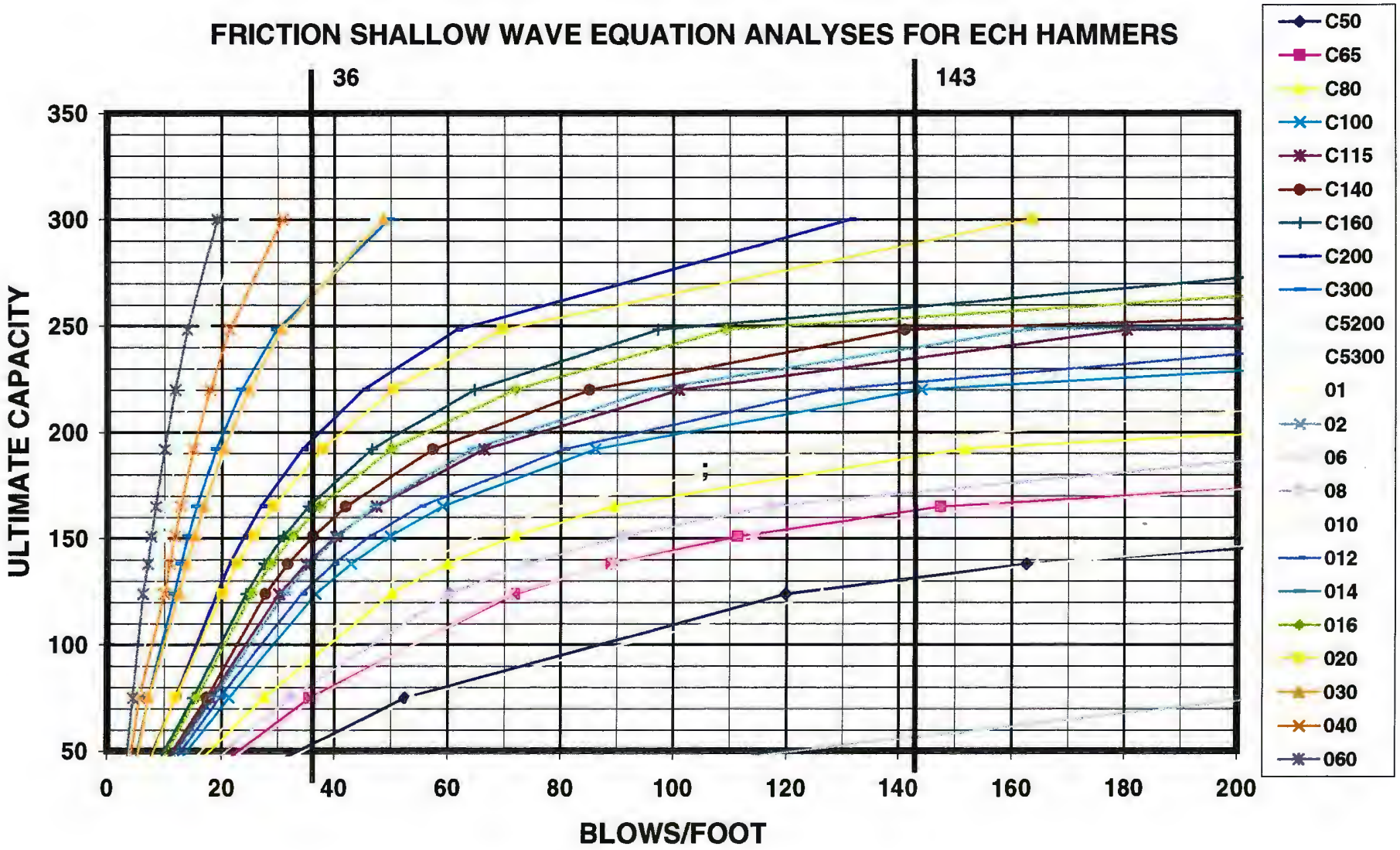
FRICTION DEEP
ULTIMATE CAPACITY RANGE

HAMMER ID.	143 HIGH	36 LOW	MAX	RATED ENERGY	MIN	RATED ENERGY
1	51.8	14.8	51.8	8.23	14.8	8.2
2	131.0	40.2	131.0	17.60	40.2	17.6
3	154.2	53.7	154.2	23.59	53.7	23.6
4	173.6	60.8	173.6	28.31	60.8	28.3
5	222.1	82.7	222.1	39.25	82.7	39.3
6	207.8	92.4	207.8	40.61	92.4	40.6
7	235.0	104.3	235.0	51.26	104.3	51.3
8	266.5	135.1	266.5	61.49	135.1	61.5
9	292.8	149.8	292.8	73.66	149.8	73.7
10	300.0	184.3	300.0	83.82	184.3	83.8
11	300.0	194.2	300.0	88.50	194.2	88.5
12	300.0	205.7	300.0	90.44	205.7	90.4
13	300.0	185.0	300.0	107.18	185.0	107.2
14	300.0	231.0	300.0	113.16	231.0	113.2
15	300.0	230.1	300.0	124.53	230.1	124.5
16	135.3	51.6	135.3	18.56	51.6	18.6
17	203.4	97.5	203.4	30.37	97.5	30.4
18	245.6	121.6	245.6	40.62	121.6	40.6
19	249.2	152.1	249.2	51.63	152.1	51.6
20	163.6	53.5	163.6	22.50	53.5	22.5
21	207.6	87.5	207.6	42.00	87.5	42.0
22	299.9	155.3	299.9	72.94	155.3	72.9
23	300.0	177.9	300.0	99.33	177.9	99.3
24	300.0	211.9	300.0	90.00	211.9	90.0
25	300.0	225.9	300.0	120.00	225.9	120.0
26	139.1	52.1	139.1	15.00	52.1	15.0
27	167.9	71.3	167.9	19.50	71.3	19.5
28	189.1	92.3	189.1	26.00	92.3	26.0
29	216.8	120.7	216.8	32.50	120.7	32.5
30	231.0	141.4	231.0	37.38	141.4	37.4
31	233.5	141.7	233.5	42.00	141.7	42.0
32	250.1	159.7	250.1	48.75	159.7	48.8
33	285.8	190.7	285.8	60.00	190.7	60.0
34	300.0	253.5	300.0	90.00	253.5	90.0
35	300.0	253.9	300.0	100.00	253.9	100.0
36	300.0	300.0	300.0	150.00	300.0	150.0
37	138.6	48.2	138.6	15.00	48.2	15.0
38	62.8	19.1	62.8	7.26	19.1	7.3
39	166.9	69.8	166.9	19.50	69.8	19.5
40	171.8	82.4	171.8	26.00	82.4	26.0
41	195.2	102.3	195.2	32.50	102.3	32.5
42	221.8	135.9	221.8	39.00	135.9	39.0
43	226.6	144.2	226.6	42.00	144.2	42.0
44	249.0	167.6	249.0	48.75	167.6	48.8
45	263.7	188.0	263.7	60.00	188.0	60.0
46	300.0	257.9	300.0	90.00	257.9	90.0
47	300.0	300.0	300.0	120.00	300.0	120.0
48	300.0	300.0	300.0	180.00	300.0	180.0

FRICTION SHALLOW (FS)




FRICTION SHALLOW WAVE EQUATION ANALYSES FOR DIESEL HAMMERS
36
143
ULTIMATE CAPACITY
350
300
250
200
150
100
50
0
20
40
60
80
100
120
140
160
180
200
BLOWS/FOOT
D5
D8-22
D12
D15
D16-32
D22
D22-23
D25-32
D30-32
D36
D36-32
D44
D46
D46-32
D55
440
520
640
660
30-S
42-S
60-S
80-S
90-S
100-S

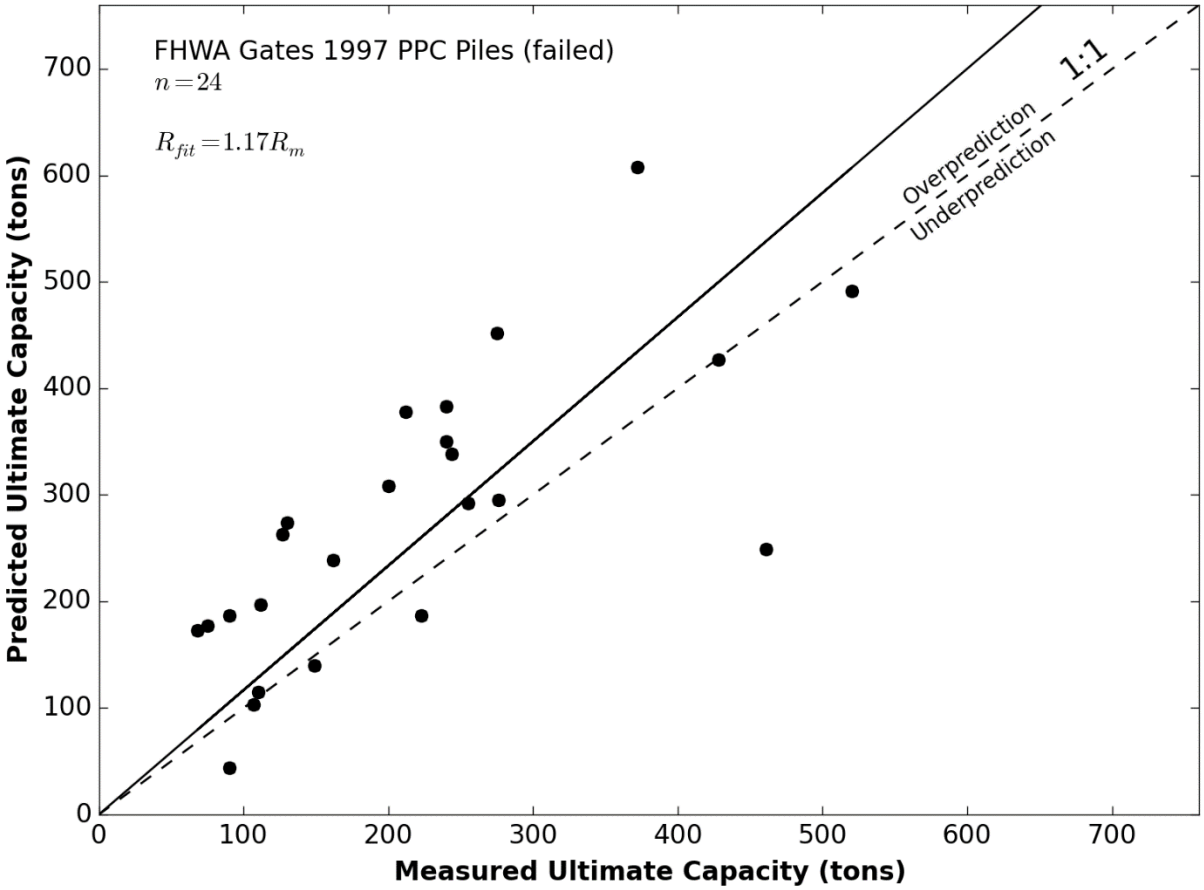

FRICTION SHALLOW WAVE EQUATION ANALYSES FOR ECH HAMMERS
36
143
ULTIMATE CAPACITY
350
300
250
200
150
100
50
0
20
40
60
80
100
120
140
160
180
200
BLOWS/FOOT
C50
C65
C80
C100
C115
C140
C160
C200
C300
C5200
C5300
01
02
06
08
010
012
014
016
020
030
040
060

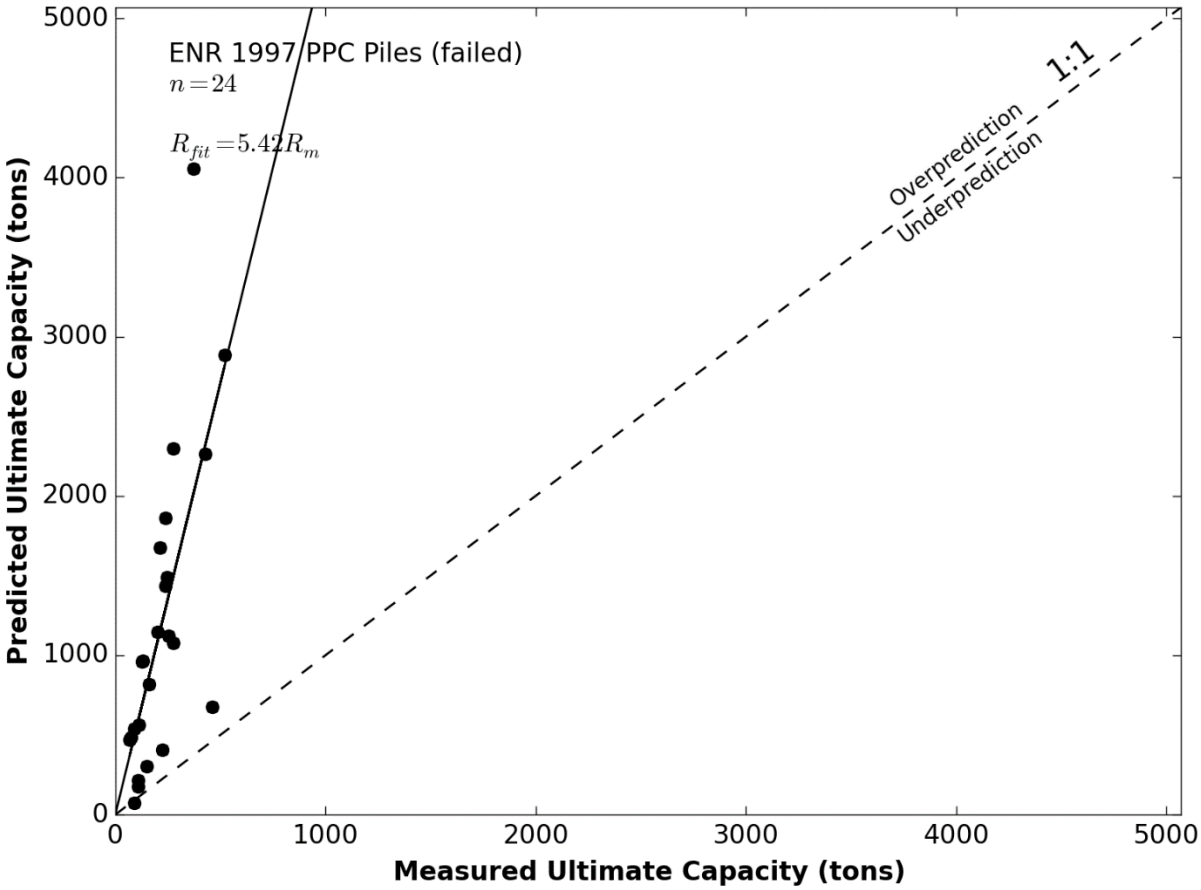
FRICTION SHALLOW
ULTIMATE CAPACITY RANGE

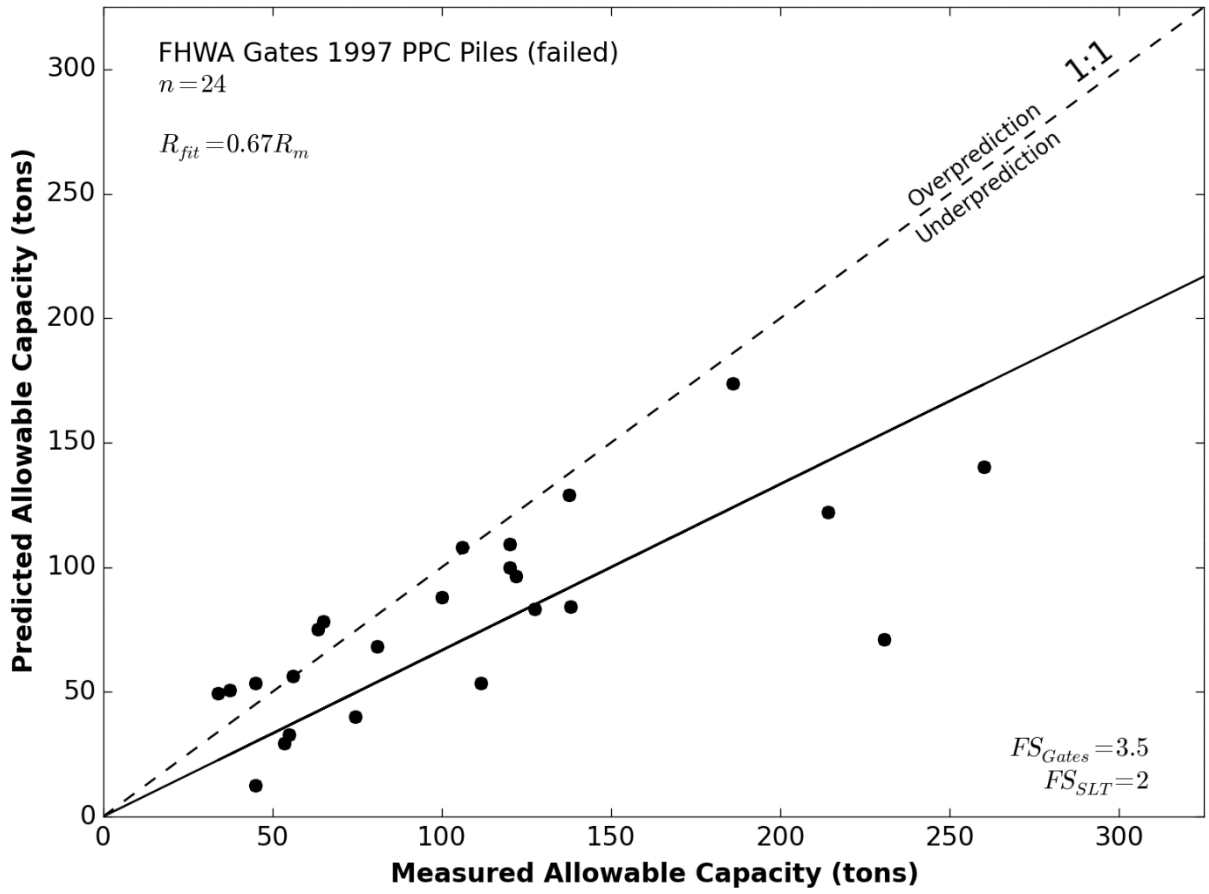
HAMMER ID.	143 HIGH	36 LOW	MAX	RATED ENERGY	MIN	RATED ENERGY
1	48.5	16.7	48.5	8.23	16.7	8.2
2	124.2	40.6	124.2	17.60	40.6	17.6
3	150.0	52.3	150.0	23.59	52.3	23.6
4	169.3	58.7	169.3	28.31	58.7	28.3
5	220.2	85.0	220.2	39.25	85.0	39.3
6	202.1	94.1	202.1	40.61	94.1	40.6
7	232.0	102.2	232.0	51.26	102.2	51.3
8	268.1	126.1	268.1	61.49	126.1	61.5
9	297.4	141.2	297.4	73.66	141.2	73.7
10	300.0	175.6	300.0	83.82	175.6	83.8
11	300.0	187.5	300.0	88.50	187.5	88.5
12	300.0	198.5	300.0	90.44	198.5	90.4
13	300.0	177.0	300.0	107.18	177.0	107.2
14	300.0	222.0	300.0	113.16	222.0	113.2
15	300.0	224.1	300.0	124.53	224.1	124.5
16	129.7	50.3	129.7	18.56	50.3	18.6
17	200.3	96.6	200.3	30.37	96.6	30.4
18	243.1	115.9	243.1	40.62	115.9	40.6
19	248.9	141.8	248.9	51.63	141.8	51.6
20	157.6	54.3	157.6	22.50	54.3	22.5
21	201.3	88.0	201.3	42.00	88.0	42.0
22	300.0	141.8	300.0	72.94	141.8	72.9
23	300.0	172.5	300.0	99.33	172.5	99.3
24	300.0	205.6	300.0	90.00	205.6	90.0
25	300.0	217.2	300.0	120.00	217.2	120.0
26	131.6	53.2	131.6	15.00	53.2	15.0
27	163.3	75.7	163.3	19.50	75.7	19.5
28	188.2	93.3	188.2	26.00	93.3	26.0
29	143.0	122.1	143.0	32.50	122.1	32.5
30	234.8	140.7	234.8	37.38	140.7	37.4
31	248.2	150.4	248.2	42.00	150.4	42.0
32	258.9	166.7	258.9	48.75	166.7	48.8
33	300.0	196.7	300.0	60.00	196.7	60.0
34	300.0	264.5	300.0	90.00	264.5	90.0
35	300.0	264.5	300.0	100.00	264.5	100.0
36	300.0	300.0	300.0	150.00	300.0	150.0
37	130.1	51.8	130.1	15.00	51.8	15.0
38	56.4	23.0	56.4	7.26	23.0	7.3
39	160.5	74.2	160.5	19.50	74.2	19.5
40	171.6	81.6	171.6	26.00	81.6	26.0
41	196.4	99.7	196.4	32.50	99.7	32.5
42	223.5	128.9	223.5	39.00	128.9	39.0
43	239.6	139.1	239.6	42.00	139.1	42.0
44	253.8	161.2	253.8	48.75	161.2	48.8
45	288.6	186.4	288.6	60.00	186.4	60.0
46	300.0	263.6	300.0	90.00	263.6	90.0
47	300.0	300.0	300.0	120.00	300.0	120.0
48	300.0	300.0	300.0	180.00	300.0	180.0

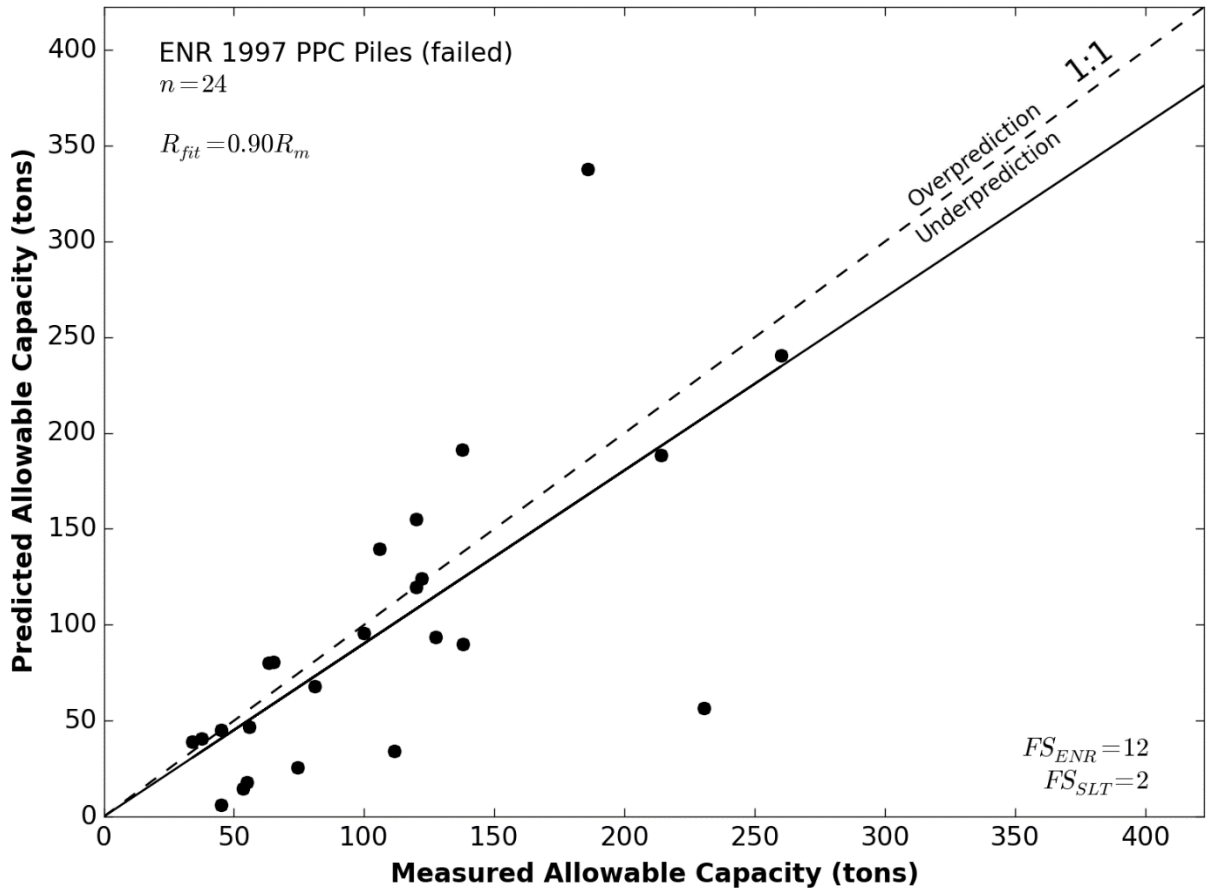
APPENDIX C

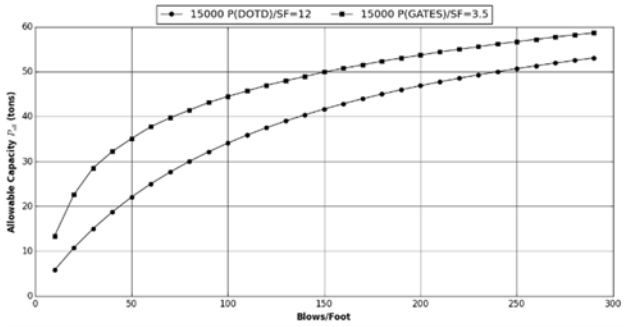
DOTD EVALUATION OF FHWA MODIFIED GATES FORMULA (1997)


FHWA Gates 1997 PPC Piles (failed)
$n = 24$
$R_{fit} = 1.17 R_m$
1:1
Overprediction
Underprediction
Predicted Ultimate Capacity (tons)
Measured Ultimate Capacity (tons)
0
100
200
300
400
500
600
700


ENR 1997 PPC Piles (failed)
$n = 24$
$R_{fit} = 5.42 R_m$
1:1
Overprediction
Underprediction
Predicted Ultimate Capacity (tons)
Measured Ultimate Capacity (tons)
0
1000
2000
3000
4000
5000


FHWA Gates 1997 PPC Piles (failed)
$n=24$
$R_{fit}=0.67R_m$
1:1
Overprediction
Underprediction
$FS_{Gates}=3.5$
$FS_{SLT}=2$
Predicted Allowable Capacity (tons)
Measured Allowable Capacity (tons)
0
50
100
150
200
250
300


ENR 1997 PPC Piles (failed)
$n=24$
$R_{fit}=0.90R_m$
1:1
Overprediction
Underprediction
$FS_{ENR}=12$
$FS_{SLT}=2$
Predicted Allowable Capacity (tons)
Measured Allowable Capacity (tons)
0
50
100
150
200
250
300
350
400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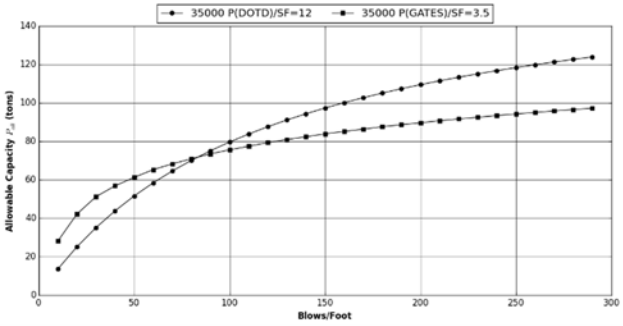
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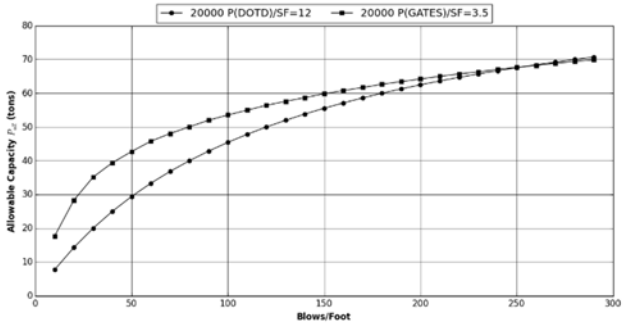
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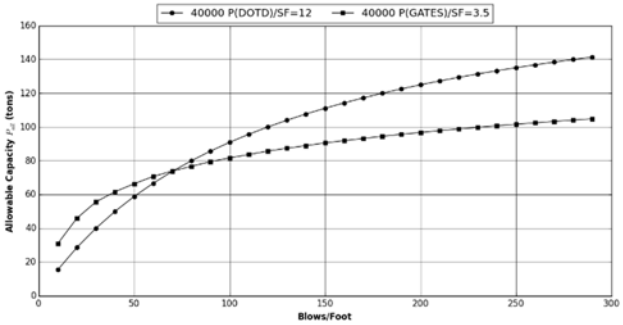
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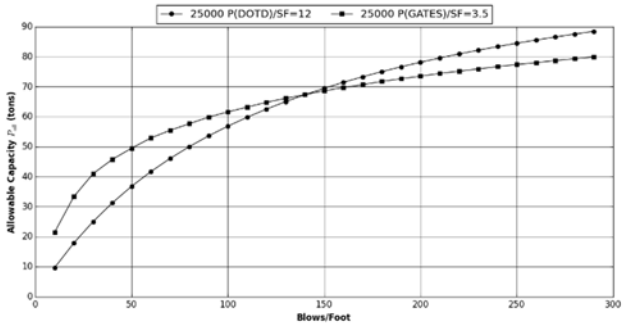
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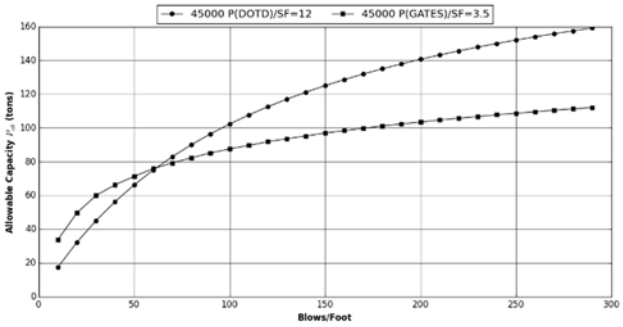
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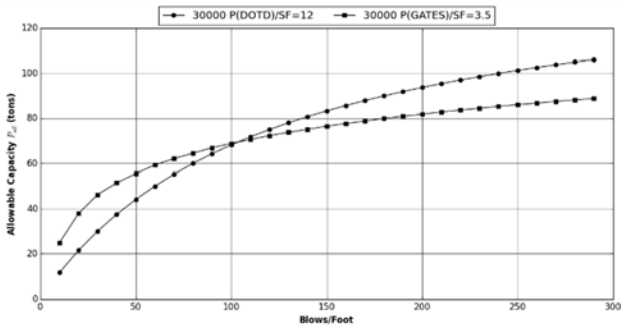
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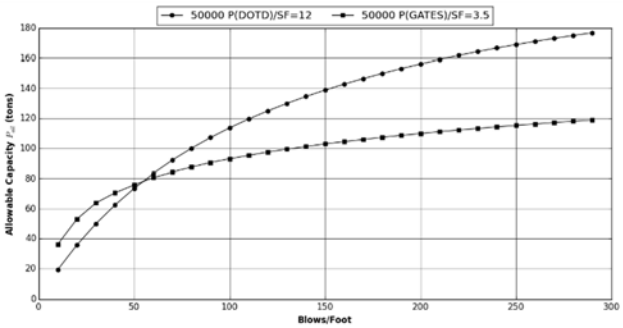
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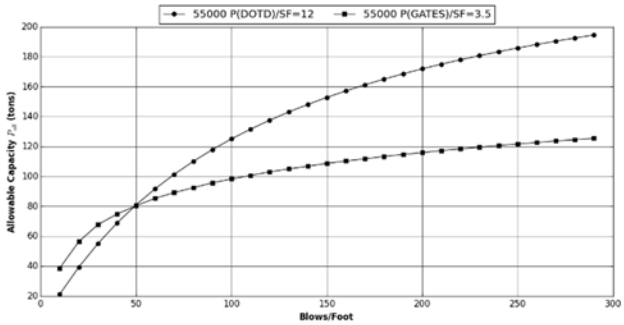
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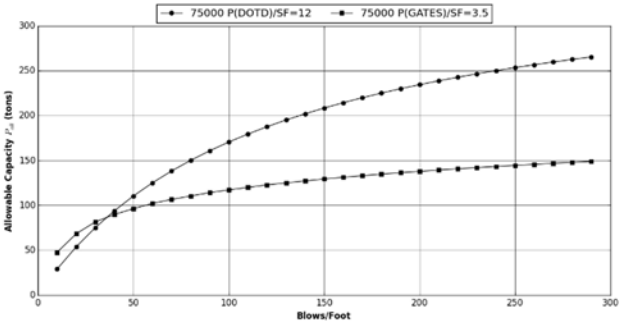
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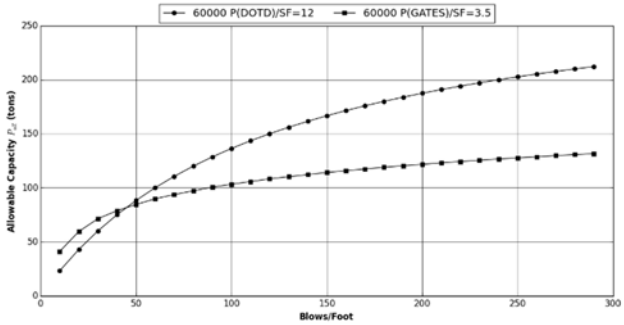
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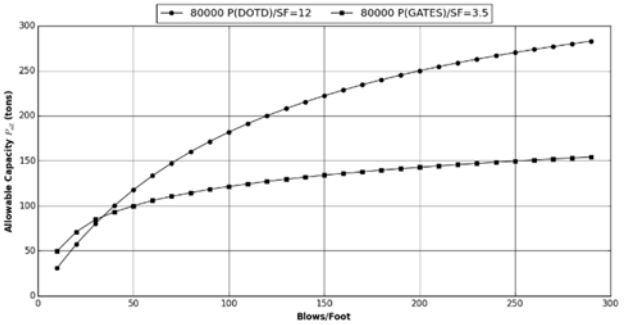
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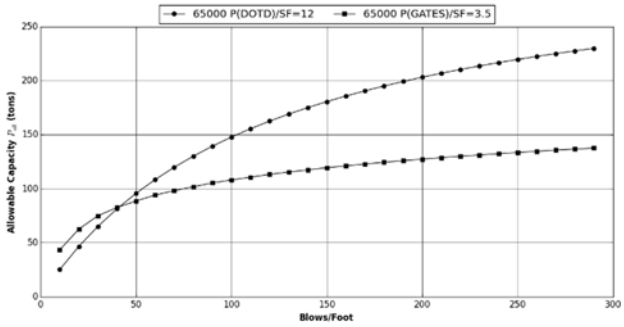
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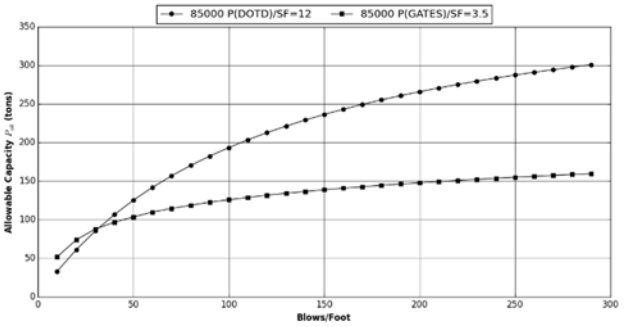
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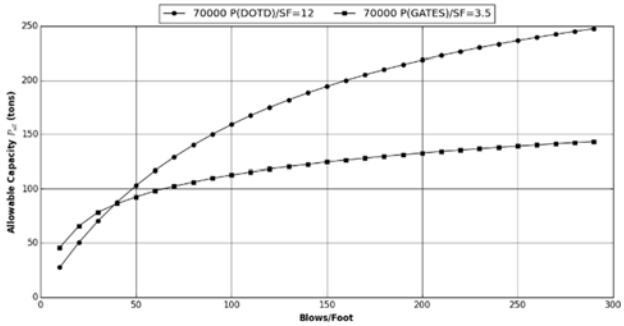
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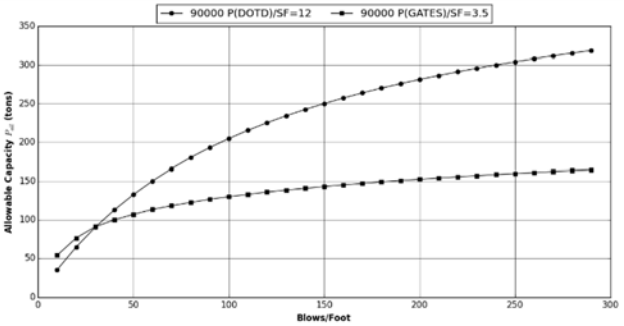
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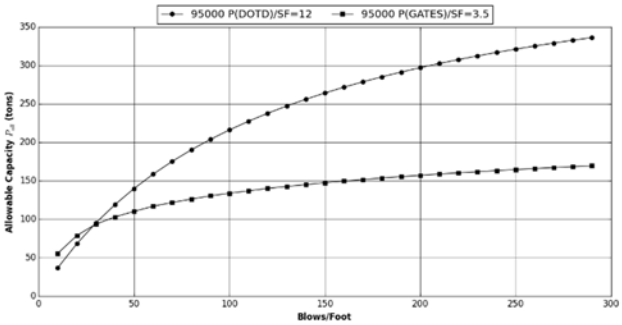
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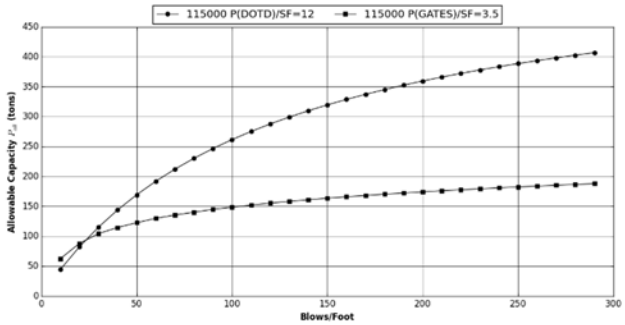
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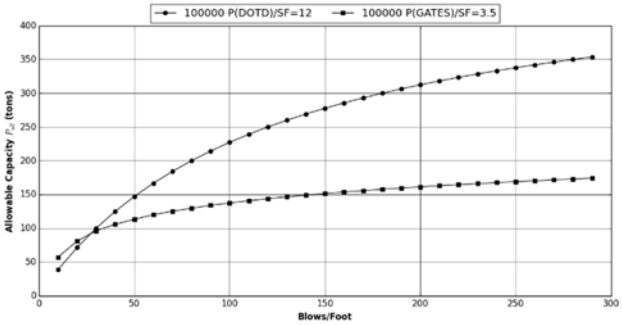
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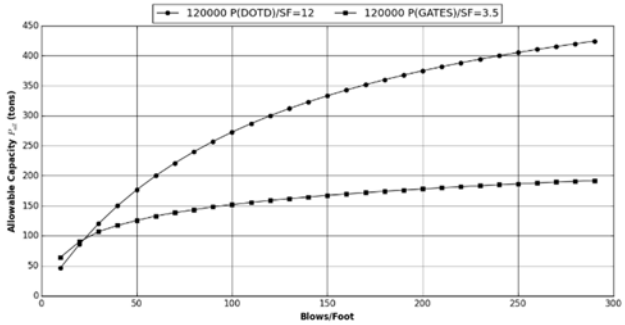
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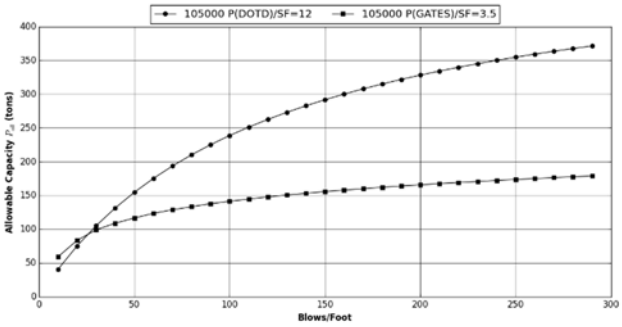
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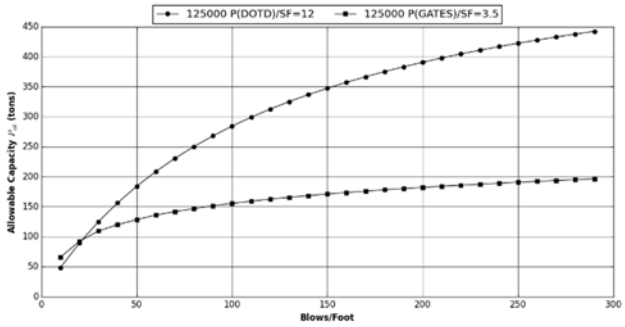
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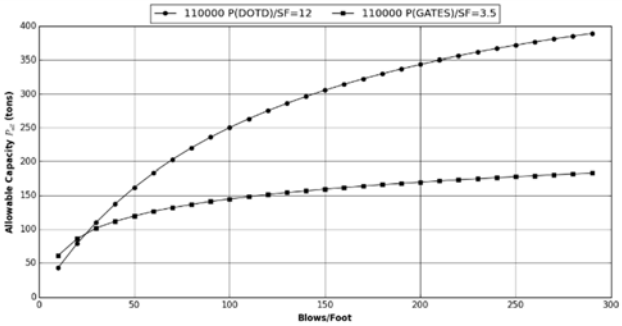
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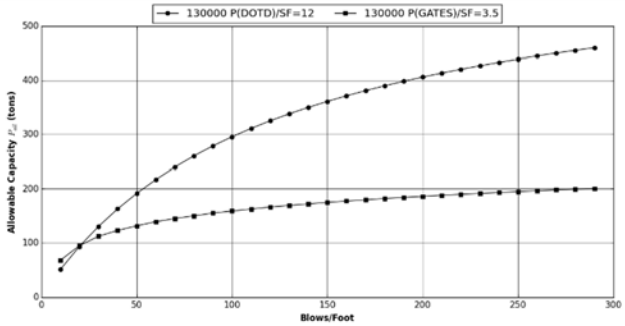
Blows/Foot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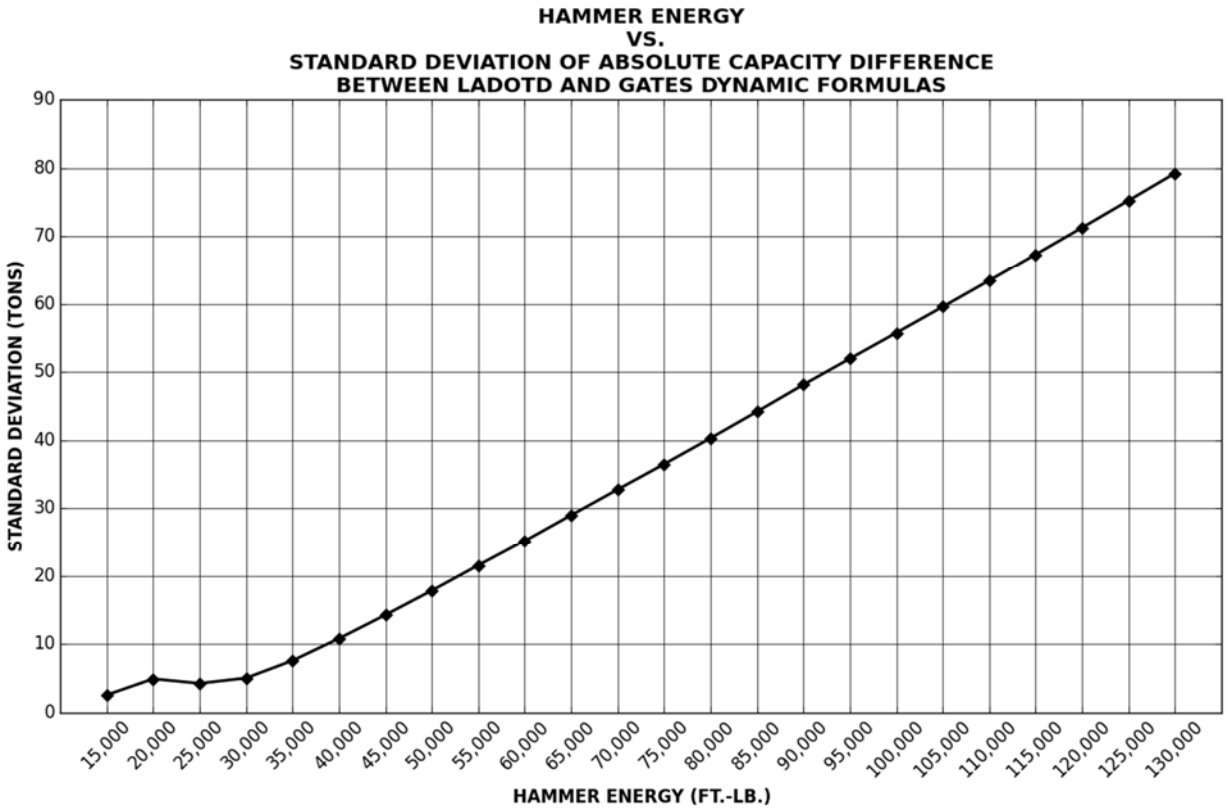
HAMMER ENERGY
VS.
STANDARD DEVIATION OF ABSOLUTE CAPACITY DIFFERENCE
BETWEEN LADOTD AND GATES DYNAMIC FORMULAS
STANDARD DEVIATION (TONS)
0
10
20
30
40
50
60
70
80
90
15,000
20,000
25,000
30,000
35,000
40,000
45,000
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70,000
75,000
80,000
85,000
90,000
95,000
100,000
105,000
110,000
115,000
120,000
125,000
130,000
HAMMER ENERGY (FT.-LB.)

APPENDIX D

DATABASE DESIGN

LAPLTD Documentation

Louisiana Department of Transportation and Development Pile Load Test Database

Contents

List of Figures

List of Tables

Introduction

LAPLTD: Louisiana Department of Transportation and Development Pile Load Test Database

Background

Purpose: To collect pile load testing information using a standard approach for use in evaluating pile capacity testing methods and pile capacity prediction methods.

Objectives: To standardize data collection for static load tests and dynamic load tests (CAPWAP Analyses).

Created with Access 2013.

Hierarchy

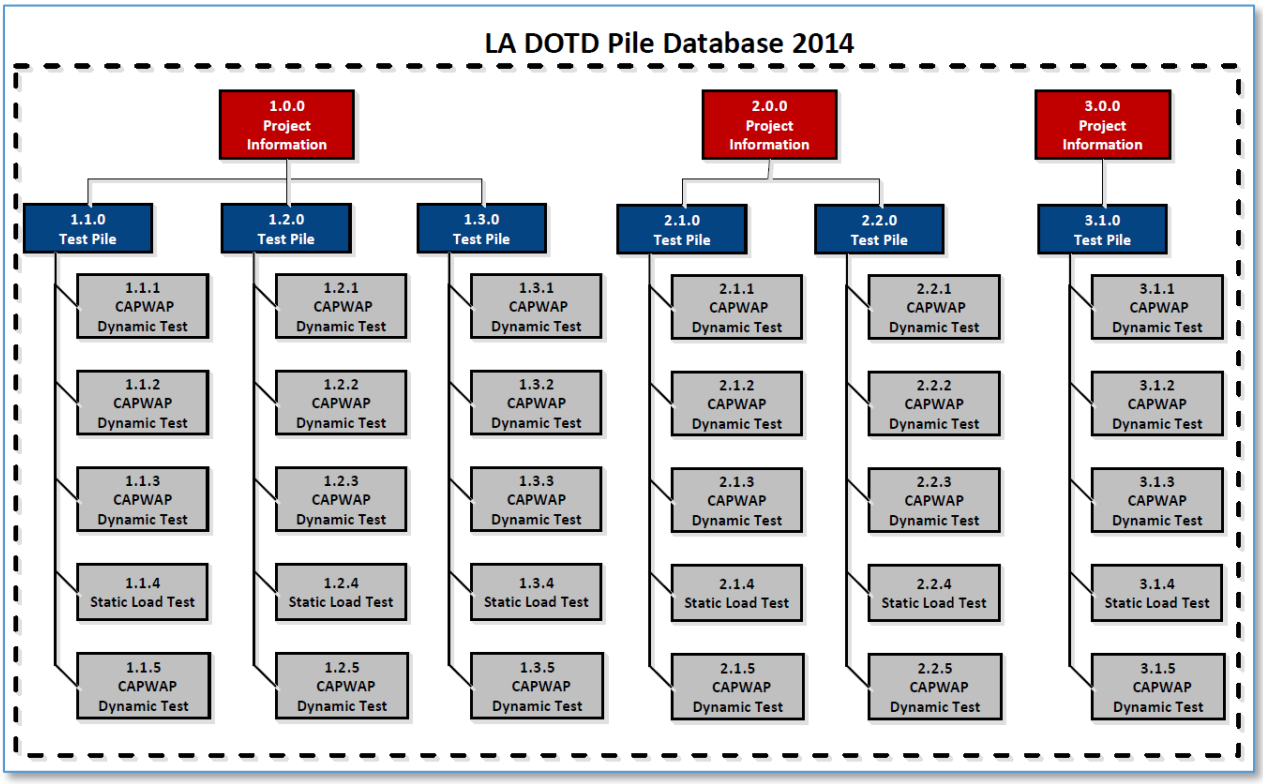


Figure 1: LAPLTD Hierarchy levels

Hierarchy level 1: Projects

Unique names/project numbers.

Hierarchy level 2: Test Piles

Each test pile must be tied to a project. There may exist many test piles for each project.

Hierarchy level 3: Test Events

Each test event must be tied to a test pile. There may exist many test events for each test pile.

Tables

dtProjects

Hierarchy Level 1

Fields

Table 1. dtProjects Fields

Name	Caption (*=field required)	Description	Comments
Project_Num_H	H Number	H Number (required field)	Project identification number for newer projects. Input mask “H.” followed by six digits.
Project_Num_old	Project Number (old)	Project Number (old)	Project identification number for older projects. Input mask 000-00-0000 (9 digits).
Project_Name	Project Name *	Project Name (required field)	Descriptive project name. Usually includes road name and/or name of feature the road crosses.
Totals_TP	Test Piles	Test Pile Records	
Path_Network	Network Path	Location of file folder on T:\ drive	
Contractor	Contractor *	Contractor performing foundation work (required field)	Contractor performing foundation work for the project. Must be one of contractors listed. Add new contractor names to “Contractors” list in Database Maintenance as needed.
Parish_1	Parish 1 *	Primary parish in which the project is located (required field)	Parish in which the project resides or the primary parish in which the project is located.
Parish_2	Parish 2	Secondary parish in which the project is located	Secondary parish in which the project is located if the project spans two parishes.
Date_Latest	Latest	Drive date of latest test pile	
Totals_MP	Monitor Piles	Monitor Pile Records	
Totals_IP	Indicator Piles	Indicator Pile Records	
Totals_Other	Other Pile Types	Other Pile Type Records	
Totals_TS	Test Shafts	Test Shafts Records	
Source	Source *	Source *	Source of information for the project data inputted. Must be one of the sources listed. Add new sources to the “Sources” list in Database Maintenance as needed.

Name	Caption (*=field required)	Description	Comments
Route	Route	Route foundation supports	
Notes			

Table 2. dtProjects Unknown Default Values

Field	Value
H Number	H.000000
Project Number	000-00-0000
Contractor	Unknown
Parish	Unknown

dtTestPiles

Hierarchy Level 2

Fields

Table 3. dtTestPiles Fields

Name	Caption (*=field required)	Description	Comments
Pile_Name	Pile Name*		
Latitude	Lat [deg] *	Latitude [decimal degrees] (required field)	North/South geographic coordinate for position of pile. Input as decimal; use as much detail as possible. Unacceptable latitude values will be met with the error: “Warning – Latitude must be located within the state of Louisiana (>28.89 And <33.03)”. See Table 4 for unknown values.
Longitude	Long [deg] *	Longitude [decimal degrees] (required field)	East/West geographic coordinate for position of pile. Input as decimal; use as much detail as possible. Unacceptable longitude values will be met with the error: “Warning – Longitude must be located within the state of Louisiana (>-93.9 And <-88.96)”. See Table 4 for unknown values.
Station	Station [ft]	Station [ft]	Station feet position of pile. Use notation 00+00.00.

Name	Caption (*=field required)	Description	Comments
Sta_offset	Sta Offset	Station Offset	Feet offset from station for location of pile. Use notation 00 RT or 00 LT.
Near_Boring	Nearest Boring	Name of the nearest soil boring	Name of boring nearest to pile. (Ex. SPT-01)
Near_CPT	Nearest CPT	Name of the nearest CPT sounding	Name of CPT nearest to pile. (Ex. CPT-01)
Date_Driven	Date Driven *	Date initial pile driving completed (required field)	Date and time at which pile was installed. Input mask: "__/__/____ __:__:__ __" (MM/DD/YYYY HH:MM:SS AM/PM). See Table 4 for unknown value of time.
Length	Length [ft] *	Total pile length [ft] (required field)	Total length of pile in feet.
Elev_Reference	Elev. Reference *	Reference Elevation: Measured, Estimated, or Unknown?	Description of the nature of ground surface elevation and other elevation values: Measured, Estimated, or Unknown.
Elev_GS	GS Elev [ft] *	Ground surface elevation [ft] (required field)	Ground surface elevation in feet. See Table 4 for unknown values.
Elev_Casing	Casing Elev [ft]	Elevation of bottom of casing [ft]	Elevation in feet of bottom of pile casing. Usually similar to Scour elevation. Must be blank or less than ground surface elevation or error message will appear: "Warning – Casing elevation must be below ground elevation."
Elev_Cutoff	Cutoff Elev [ft]	Pile cutoff elevation [ft]	Top of pile elevation in feet.
Elev_Splice	Splice Elev [ft]	Pile splice elevation [ft]	Elevation of pile splice, usually applicable to longer piles that need to be spliced together during driving.
Elev_TipEOD	EOD Tip Elev [ft] *	Pile tip elevation at end-of-drive [ft] (required field)	Elevation in feet of the tip of pile at the end of driving. (Negative of the pile length if no other pile elevation values are known.)
Elev_TipDesign	Design Tip Elev [ft] (req)	Design pile tip elevation [ft] (required field)	Elevation in feet of the tip of pile specified in the design.
Notes	Notes	Test pile notes	
LRFD	LRFD	Pile designed according to LRFD?	Pile designed according to LRFD? Yes (checked) or No (Unchecked).
Load_Factored	Factored Load [tons]	Factored load used in LRFD design [tons]	Factored load used in LRFD design in tons.
Resist_Factor	Resistance Factor	Resistance factor used in LRFD design	Resistance factor used in LRFD design.
Load_Design	Design Load [tons]	Design load used in ASD design [tons]	Design load used in ASD design in tons.

Name	Caption (*=field required)	Description	Comments
Load_Target	Target Load [tons]	Ultimate pile resistance needed to verify design [tons]	Ultimate pile resistance needed to verify design in tons.
Setup_Factor	Setup Factor	Pile setup factor	Pile Setup Factor.
Designer	Designer	EOR for pile design	Engineer on record for pile design.
Instrumented	Instrumented	Was the pile instrumented?	Was the pile instrumented? Yes (checked) or No (Unchecked).
Elev_Scour	Scour Elevation [ft]	Scour Elevation [ft]	Elevation in feet of pile scour. Usually similar to Bottom of Casing elevation.
Modulus	Modulus [ksi]	Elastic modulus of pile [ksi]	Elastic Modulus of the pile in ksi.
Project_ID	Project *	Project name (required field)	
Hammer	Hammer *	Type of hammer used to drive pile	Hammer used to drive the pile during initial install. Begin typing the hammer manufacturer and the first hammer of that manufacturer will appear. Use the pull-down to see other hammers. Must be one of the hammers on the list. Add new hammers to the “Hammers” list in Database Maintenance as needed.
Pile_Type	Pile Type*	Type/Size of pile (required field)	Type of pile. For example, ‘12” Solid Sq. PPC’. Must be one of the pile types listed. Add new pile types to the “Pile Types” list in Database Maintenance as needed.
TP_Category	TP Category *	Type of test pile (required field)	Pile Type: Test Pile, Monitor Pile, Indicator Pile, Other, or Test Shaft. Most likely “Test Pile” (pile which has undergone a load test) or “Monitor Pile” (production pile).
Soil_Type	Soil Type	Type of soil pile is tipped into	Type of soil the tip of the pile: Unknown, Clay, Sand, or Gravel. Must be one of the soil types listed. Add new soil types to the “Soil Types” list in Database Maintenance as needed.
Steel_Yield_Strength	Steel Yield Strength [ksi]	Steel Pile Yield Strength, Fy [ksi]	Yield strength of the steel used for the pile in ksi.
Concrete_Strength	Concrete Strength [ksi]	Concrete Pile Yield Strength, Fy [ksi]	Yield strength of the concrete used for the pile in ksi.
Pile_Splice	Pile Spliced	Is the pile spliced?	Was the pile spliced? Yes (checked) or No (Unchecked).
Stroke_EOID	Stroke [ft]	Stroke [ft] closest available data to EOID	Stroke in feet recorded in end of initial drive test event or the closest test event to the initial drive.

Name	Caption (*=field required)	Description	Comments
Blowcount_EOID	BC_EOID	Blow Count - closest available data to EOID	Blow count in blows per foot recorded in end of initial drive test event or the closest test event to the initial drive.
StokeBlCnt_Notes	Stroke and Blow Count Notes	Notes for Stroke and Blow Count Values	Notes for EOID Stroke and EOID Blow count values

Table 4. dtTestPiles Unknown Default Values

Field	Value
Date Driven – Time	__/__/____ 00:00:00 AM
Latitude	29
Longitude	-90
Elevation Reference	Unknown
Ground Surface Elevation	0

dtTestEvents

Hierarchy Level 3

Fields

Table 5. dtTestEvents Fields

Name	Caption (*=field required)	Description	Comments
Date_Tested	Date Tested *	Date of test event (required field)	Date and time at which pile was tested. Input mask: "__/__/____ __:__:__ __" (MM/DD/YYYY HH:MM:SS AM/PM). See Table 6 for unknown value of time.
Time_Elapsed	Elapsed time [hours] (req)	Elapsed time since EOD [hours] (required field)	Elapsed time in hours from when the pile was installed to when the pile was tested. Auto-calculated when the record is saved. Displays 0.01 hours if time elapsed is zero or negative.
Capacity_Ult	Ultimate Capacity [tons]	Ultimate capacity derived from test event [tons]	Ultimate capacity of the pile derived from the test event in tons.

Name	Caption (*=field required)	Description	Comments
Capacity_End	End Bearing [tons]	End bearing capacity derived from test event [tons]	End bearing capacity of the pile derived from the test event in tons.
Capacity_Skin	Skin Friction [tons]	Skin Friction capacity derived from test event [tons]	Skin friction capacity of the pile derived from the test event in tons. Auto-calculated based on Ultimate Capacity and End Bearing.
Stroke	Stroke [ft]	Observed stroke [ft]	Observed stroke in feet.
Blow_Count	Blow Count [bl/ft]	Observed blow count at time of event [blows/ft]	Observed blow count at time of event in blows/ft.
Jc	JRx	Damping constant associated with PDA capacity associated with Rx method	Damping constant associated with PDA capacity associated with Rx method.
JRs	JRs	Damping constant associated with PDA capacity associated with Rs method	Damping constant associated with PDA capacity associated with Rs method.
MQ	Match Quality	Match quality from CAPWAP analysis	Match quality from CAPWAP analysis.
Failure	Failure	Did static load test fail the pile?	Did the static load test fail the pile? Yes (checked) or No (unchecked).
Ult_Cap_Method	Ultimate Capacity Determination Method	Butler-Hoy, Davisson (piles up to 24"), Modified Davisson (piles larger than 24")	Method used for determining the ultimate capacity of the pile: Davisson (for piles up to 24”), Modified Davisson (for piles larger than 24”), or Butler-Hoy.
Notes	Notes	Field testing notes	Field testing notes
EMX	EMX [kip-ft]	Hammer Enargy [kip-ft]	Hammer Energy in kip-feet.
Pile_Name	Pile Name *	Name of the test pile (required field)	Pile name of the test pile chosen from drop-down list #2. Autocompleted when the New Test button is clicked.
Event_Type	Event Type *	Type of test event used	Type of test event; brings up relevant data entry forms when chosen. Choices: see lstEventtype. Only two event types are given detailed data input forms in the database: Static and CAPWAP. The other event types, when selected for a new test event, bring up the File Locations tab through which data in PDF files can be linked.

Name	Caption (*=field required)	Description	Comments
Loc_Boring_Log	Loc Boring Log	Location of File: Boring Log	Location of the PDF file including boring log information. Click the browse icon to search for a file path. Click the view icon to view the file if a file path has been specified.
Loc_Pile_Install_Records	Loc Pile Install Records	Location of File: Pile Installation Records	Location of the PDF file including pile installation record information. Click the browse icon to search for a file path. Click the view icon to view the file if a file path has been specified.
Loc_Load_Test_Records	Loc Load Test Records	Location of File: Load Testing Records	Location of the PDF file including load test record information. Click the browse icon to search for a file path. Click the view icon to view the file if a file path has been specified.
Hammer	Hammer	Hammer	Name of the hammer used during the pile test event. Begin typing the hammer manufacturer and the first hammer of that manufacturer will appear. Use the pull-down to see other hammers. Must be one of the hammers on the list. Add new hammers to the "Hammers" list in Database Maintenance as needed.
SP_Weight	SP Weight [kips]	Striker Plate Weight [kips]	Weight of striker plate in kips.
SP_Diameter	SP Diameter [in]	Striker Plate Diameter [in]	Diameter of striker plate in inches.
SP_Thickness	SP Thickness [in]	Striker Plate Thickness [in]	Thickness of striker plate in inches.
HC1_Material	HC1 Material	Hammer Cushion 1 Material	Description of hammer cushion material.
HC1_Layers	HC1 Layers	Hammer Cushion 1 Layers	Number of layers of hammer cushion material specified.
HC1_Thickness	HC1 Thickness [in]	Hammer Cushion 1 Thickness [in]	Total thickness of the hammer cushion material specified.
HC2_Material	HC2 Material	Hammer Cushion 2 Material	Description of hammer cushion material.
HC2_Layers	HC2 Layers	Hammer Cushion 2 Layers	Number of layers of hammer cushion material specified.
HC2_Thickness	HC2 Thickness [in]	Hammer Cushion 2 Thickness [in]	Total thickness of the hammer cushion material specified.
Hammer_Cushion	Hammer Cushion	Hammer Cushion	A drop-down menu of cushions from the WEAP database. Use the M1/M2 ratio to help guide cushion selection.
HC_Modulus_OR	HC Modulus OR [ksi]	Hammer Cushion Modulus of Elasticity [ksi] OVERRIDE	Elastic modulus of the hammer cushion. WEAP value Override (OR).
HC_CoR_OR	HC CoR OR	Hammer Cushion Coefficient of Restitution OVERRIDE	Coefficient of Restitution (COR) of the hammer cushion. WEAP value Override (OR).

Name	Caption (*=field required)	Description	Comments
M1_M2_Ratio	M1/M2 Ratio	M1/M2 Thickness Ratio	Ratio of the thickness of hammer cushion material 1 to the thickness of hammer cushion material 2. Auto-calculated based on thickness input.
Helmet_Dimension	Helmet Dimension	Helmet (Pile Cap) Dimension	Description of pile cap (or pile helmet) material.
Helmet_Weight	Helmet Weight [kips]	Helmet (Pile Cap) Weight [kips]	Weight of pile cap in kips.
Helmet_Ins_Weight	Helmet Inserts Weight [kips]	Helmet (Pile Cap) Inserts Weight [kips]	Weight of pile cap inserts in kips.
PC_Material	PC Material	Pile Cushion Material	Pile cushion material description.
PC_Thickness	PC Thickness [in]	Pile Cushion Thickness [in]	Total thickness of the pile cushion material.
PC_Area	PC Area [sq.in.]	Pile Cushion Area [sq.in.]	Area of the of the pile cushion.
Pile_Cushion	Pile Cushion	Pile Cushion	A drop-down menu of cushions from the WEAP database.
PC_Modulus_OR	PC Modulus OR [ksi]	Pile Cushion Modulus OVERRIDE [ksi]	Elastic modulus of the pile cushion. WEAP value Override (OR).
PC_CoR_OR	PC CoR OR	Pile Cushion Coefficient of Restitution OVERRIDE	Coefficient of Restitution (COR) of the pile cushion. WEAP value Override (OR).
Quake_Shaft	Shaft Quake [in]	Soil Parameter: Shaft Quake [in]	Shaft quake soil parameter in inches.
Quake_Toe	Toe Quake [in]	Soil Parameter: Toe Quake [in]	Toe quake soil parameter in inches.
Damping_Shaft	Damping Shaft [s/ft]	Soil Parameter: Damping Shaft [s/ft]	Shaft damping soil parameter in s/ft.
Damping_Toe	Toe Damping [s/ft]	Soil Parameter: Toe Damping [s/ft]	Toe damping soil parameter in s/ft.
Percentage_Shaft_Resistance	Shaft Resistance Percentage	Shaft Resistance Percentage [%]	Percentage (%) of shaft resistance.
Dist_Shape_Number	Distribution Shape Number	Distribution Shape Number	Distribution shape number.
Resistance_Distribution_Opt	Resistance Distribution Option	Proportional Shaft Resistance, Constant Shaft Resistance, or Constant End Resistance	Proportional shaft resistance, Constant shaft resistance, or Constant end resistance.
Ult_Capacity_1	Ult Capacity 1 [kips]	Ultimate Capacity 1 [kips]	Ultimate Capacity 1 [kips]

Name	Caption (*=field required)	Description	Comments
Ult_Capacity_2	Ult Capacity 2 [kips]	Ultimate Capacity 2 [kips]	Ultimate Capacity 2 [kips]
Ult_Capacity_3	Ult Capacity 3 [kips]	Ultimate Capacity 3 [kips]	Ultimate Capacity 3 [kips]
Ult_Capacity_4	Ult Capacity 4 [kips]	Ultimate Capacity 4 [kips]	Ultimate Capacity 4 [kips]
Ult_Capacity_5	Ult Capacity 5 [kips]	Ultimate Capacity 5 [kips]	Ultimate Capacity 5 [kips]
Ult_Capacity_6	Ult Capacity 6 [kips]	Ultimate Capacity 6 [kips]	Ultimate Capacity 6 [kips]
Ult_Capacity_7	Ult Capacity 7 [kips]	Ultimate Capacity 7 [kips]	Ultimate Capacity 7 [kips]
Ult_Capacity_8	Ult Capacity 8 [kips]	Ultimate Capacity 8 [kips]	Ultimate Capacity 8 [kips]
Ult_Capacity_9	Ult Capacity 9 [kips]	Ultimate Capacity 9 [kips]	Ultimate Capacity 9 [kips]
Ult_Capacity_10	Ult Capacity 10 [kips]	Ultimate Capacity 10 [kips]	Ultimate Capacity 10 [kips]
WEAP_Hammer_Option	Diesel Hammer Operation Option	Diesel Hammer Operation Option	Diesel Hammer Operation Option
WEAP_Pressure_FS	Diesel Hammer Pressure Fuel Setting	Diesel Hammer Pressure Fuel Setting	Fuel setting for diesel hammers: Max = Pressure_FS1 Max-1 = Pressure_FS2 Max-2 = Pressure_FS3 Max-3 = Pressure_FS4 Min = Pressure_FS5
Override_Pressure_FS	Override Diesel Hammer Pressure For Fuel Setting	Override Diesel Hammer Pressure Fuel Setting	Pressure in psi corresponding to fuel setting selected for diesel hammer. Default value changes according to the selection made in the Diesel Hammer Pressure Fuel Setting drop-down list.
Override_Efficiency	Override Hammer Efficiency	Override Hammer Efficiency	Efficiency of hammer. Default value is automatically filled in from data in the hammer database.
Override_Stroke	Override Stroke (ft.)	Hammer Equivalent Maximum Stroke [ft]	Hammer equivalent maximum stroke in feet.

Name	Caption (*=field required)	Description	Comments
Override_Frequency	Override Frequency (Hz)	Frequency for VIB hammer [Hz]	Frequency in hertz for vibratory hammers.
Elev_TipEOD	EOD Tip Elev [ft]	Pile tip elevation at end-of-drive [ft] (required field)	Pile tip elevation at the end of drive in feet.
Quake_Shaft	Shaft Quake [in]	Soil Parameter: Shaft Quake [in]	Average skin quake in inches.
Quake_Toe	Toe Quake [in]	Soil Parameter: Toe Quake [in]	Average toe quake in inches.
Damping_Shaft	Damping Shaft [s/ft]	Soil Parameter: Damping Shaft [s/ft]	Average skin smith damping in s/ft.
Damping_Toe	Toe Damping [s/ft]	Soil Parameter: Toe Damping [s/ft]	Average toe smith damping in s/ft.

Table 6. dtTestEvents Unknown Default Values

Field	Value
Date Tested – Time	__/__/____ 00:00:00 AM

dtStaticData

Static data is only used for static test events. The table appears as a datasheet in the static test record form.

Table 7. dtStaticData Fields

Name	Caption (*=field required)	Description	Comments
lt_Time	Time [min] *	Elapsed time [min] (required field)	Start with 0.
lt_Load	Load [tons] *	Applied Load [tons] (required field)	Start with 0.
lt_Deflection	Deflection [in] *	Pile top deflection [in] (required field)	Start with 0.
Notes	Notes	Loading increment notes	Ex. “Failure” or “Unloading”
lt_Event	Test Event	Test Event	Corresponding Test Event ID

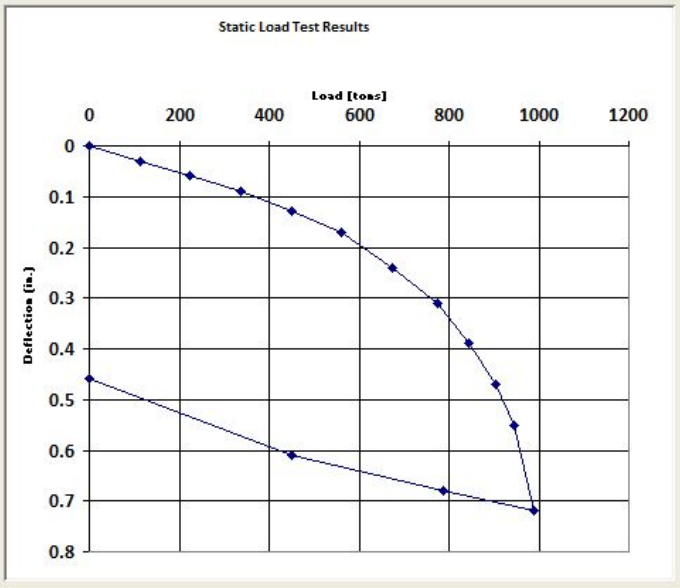


Figure 2. Static Load Test Results Plot - Load vs. Deflection Curve

Lists

lstSource

Table 8. lstSource Data

Data Source
FHWA Database (1998)
LADOTD Database
LTRC No. 14-1GT

lstContractors

Table 9. lstContractors Data

L & A Construction
Boh Bros
Johnson Bros
Jensen Construction
Gilchrist
James Construction
Traylor Bros.
Unknown
Traylor/Massman
Testing
J. B. James Construction
Coastal Bridge
W.E. McDonald
Massman Construction
Gulf South Piling and Construction
Angelo Iafrate Construction
Martin Marietta Materials of LA
W.R. Fairchild Construction
Guinn Brothers
Shappert Engineering Co
T.L. Wallace Construction
Ardaman AND ASSOCIATED
Eustis Engineering Company
Chambers construction company

Tolunay-wong engineers

lstParishes

Table 10. lstParishes Data

Parish Name	Parish Number	District Number
Acadia	1	03
Allen	2	07
Ascension	3	61
Assumption	4	61
Avoyelles	5	08
Beauregard	6	07
Bienville	7	04
Bossier	8	04
Caddo	9	04
Calcasieu	10	07
Caldwell	11	58
Cameron	12	07
Catahoula	13	58
Claiborne	14	04
Concordia	15	58
Desoto	16	04
East Baton Rouge	17	61
East Carroll	18	05
East Feliciana	19	61
Evangeline	20	03
Franklin	21	58
Grant	22	08
Iberia	23	03
Iberville	24	61
Jackson	25	05
Jefferson	26	02
Jefferson Davis	27	07
Lafayette	28	03
Lafourche	29	02
La Salle	30	58
Lincoln	31	05
Livingston	32	62
Madison	33	05
Morehouse	34	05
Natchitoches	35	08
Orleans	36	02

Parish Name	Parish Number	District Number
Ouachita	37	05
Plaquemines	38	02
Pointe Coupee	39	61
Rapides	40	08
Red River	41	04
Richland	42	05
Sabine	43	08
St. Bernard	44	02
St. Charles	45	02
St. Helena	46	62
St. James	47	61
St. John	48	62
St. Landry	49	03
St. Martin	50	03
St. Mary	51	03
St. Tammany	52	62
Tangipahoa	53	62
Tensas	54	58
Terrebonne	55	02
Union	56	05
Vermillion	57	03
Vernon	58	08
Washington	59	62
Webster	60	04
West Baton Rouge	61	61
West Carroll	62	05
West Feliciana	63	61
Winn	64	08
Unknown	99	0

lstPiletype

Table 11. lstPiletype Fields

Name	Caption	Description
Name		Name of pile type
Diam_Pile		Diameter of pile [in]
Diam_Void		Diameter of void [in]
Pile_Shape		Shape of pile
Pile_Type		Type of pile
Voided		Voided Pile
Perimeter	Perimeter [in]	Pile perimeter [in]
Area_Gross	Gross Area [in2]	Gross area of pile, not including void [in2]
Area_Void	Void Area [in2]	Area of circular void [in2]
Area_Section	Section Area [in2]	Area of pile cross-section [in2]
Area_End	End Area [in2]	Area considered in end bearing [in2]
Pile_Material	Pile Material	Pile Material
Pile_Emod	Pile Elastic Modulus [ksi]	Pile Elastic Modulus [ksi]
Pile_SW	Pile Specific Weight [lb/ft3]	Pile Specific Weight [lb/ft3]

Table 12. lstPiletype Data

Name	Diam Pile	Diam Void	Pile Shape	Pile Type	Voided	Perimeter [in]	Gross Area [in2]	Void Area [in2]	Section Area [in2]	End Area [in2]	Pile Material	Pile Elastic Modulus [ksi]	Pile Specific Weight [lb/ft3]
Name of pile type	**Diameter of pile [in]**	**Diameter of void [in]**	**Shape of pile**	**Type of pile**	**Voided Pile**	**Pile perimeter [in]**	**Gross area of pile, not including void [in2]**	**Area of circular void [in2]**	**Area of pile cross-section [in2]**	**Area considered in end bearing [in2]**	**Pile Material**	**Pile Elastic Modulus [ksi]**	**Pile Specific Weight [lb/ft3]**
12" Solid Sq. PPC	12.00	0	Square	PPC	FALSE	48.00	144.00	0.00	144.00	144.00	Concrete	5000	150
14" Solid Sq. PPC	14.00	0	Square	PPC	FALSE	56.00	196.00	0.00	196.00	196.00	Concrete	5000	150
18" Solid Sq. PPC	18.00	0	Square	PPC	FALSE	72.00	324.00	0.00	324.00	324.00	Concrete	5000	150
24" Solid Sq. PPC	24.00	0	Square	PPC	FALSE	96.00	576.00	0.00	576.00	576.00	Concrete	5000	150
30" Solid Sq. PPC	30.00	0	Square	PPC	FALSE	120.00	900.00	0.00	900.00	900.00	Concrete	5000	150
36" Solid Sq. PPC	36.00	0	Square	PPC	FALSE	144.00	1,296.00	0.00	1,296.00	1,296.00	Concrete	5000	150
24" Voided Sq. PPC	24.00	10.5	Square	PPC	TRUE	96.00	576.00	86.59	489.41	576.00	Concrete	5000	150
30" Voided Sq. PPC	30.00	16.5	Square	PPC	TRUE	120.00	900.00	213.82	686.18	900.00	Concrete	5000	150
36" Voided Sq. PPC	36.00	22	Square	PPC	TRUE	144.00	1,296.00	380.13	915.87	1,296.00	Concrete	5000	150
16" Solid Sq. PPC	16.00	0	Square	PPC	FALSE	64.00	256.00	0.00	256.00	256.00	Concrete	5000	150

Name	Diam Pile	Diam Void	Pile Shape	Pile Type	Voided	Perimeter [in]	Gross Area [in2]	Void Area [in2]	Section Area [in2]	End Area [in2]	Pile Material	Pile Elastic Modulus [ksi]	Pile Specific Weight [lb/ft3]
Name of pile type	Diameter of pile [in]	Diameter of void [in]	Shape of pile	Type of pile	Voided Pile	Pile perimeter [in]	Gross area of pile, not including void [in2]	Area of circular void [in2]	Area of pile cross-section [in2]	Area considered in end bearing [in2]	Pile Material	Pile Elastic Modulus [ksi]	Pile Specific Weight [lb/ft3]
54" Cylinder PPC	54.00	42	Open-Ended Pipe	PPC	TRUE	169.65	2,290.22	1,385.44	904.78	904.78	Concrete	5000	150
30" Steel Pipe	30.00	28.75	Open-Ended Pipe	Steel	TRUE	94.25	706.86	649.18	57.68	57.68	Steel	30000	492
36" Drilled Shaft	36.00	0	Shaft	CIP Concrete	FALSE	113.10	1,017.88	0.00	1,017.88	1,017.88	Concrete	5000	150
42" Drilled Shaft	42.00	0	Shaft	CIP Concrete	FALSE	131.95	1,385.44	0.00	1,385.44	1,385.44	Concrete	5000	150
48" Drilled Shaft	48.00	0	Shaft	CIP Concrete	FALSE	150.80	1,809.56	0.00	1,809.56	1,809.56	Concrete	5000	150
54" Drilled Shaft	54.00	0	Shaft	CIP Concrete	FALSE	169.65	2,290.22	0.00	2,290.22	2,290.22	Concrete	5000	150
60" Drilled Shaft	60.00	0	Shaft	CIP Concrete	FALSE	188.50	2,827.43	0.00	2,827.43	2,827.43	Concrete	5000	150
66" Drilled Shaft	66.00	0	Shaft	CIP Concrete	FALSE	207.34	3,421.19	0.00	3,421.19	3,421.19	Concrete	5000	150
72" Drilled Shaft	72.00	0	Shaft	CIP Concrete	FALSE	226.19	4,071.50	0.00	4,071.50	4,071.50	Concrete	5000	150

lstPileMaterial

Table 13. lstPileMaterial Data

Concrete
Steel
Timber

lstTPType

Table 14. lstTPType Data

Test Pile
Monitor Pile
Indicator Pile
Other
Test Shaft

lstEventtype

Table 15. lstEventtype Data

Static
CAPWAP
Case/RMX
Statnamic
Gates
Other
EDC (Embedded Data Collector)
APPLE/Drop
O-Cell
Static (Uplift)
Static (Lateral)

lstSoilType

Table 16. lstSoilType Data

Unknown
Clay
Sand
Gravel

CH
CL
CL-ML
GC
ML
"OH, ABOVE ""A"" LINE "
S/C
SC
SC-SM
SM
SP

lstHammerMakers

Table 17. lstHammerMakers Data

APE
BANUT
BERMINGH
BRUCE
BSP
CONMACO
DAWSON
DELMAG
DKH
FAIRCHLD
FEC
HERA
HITACHI
HMC
HPSI
HYPOTHET
ICE
IHC
J&M
JUNTTAN
KOBE
LINKBELT
MAIT
MENCK
MGF

MITSUBIS
MKT
Mueller
MVE
PILECO
Pilemast
PVE
VULCAN
OTHER
RAYMOND
Self
Twinwood
UDDCOMB
UNKNOWN

lstHammers

Table 18. lstHammers Fields

Name	Caption	Description
Model	Manufacturer	Model/maker of hammer
Type	Model	Type of hammer
Power	Type	Type of power used
Energy		Energy per blow [kip-ft]
Ram_Weight		Ram weight [kips]
Hammer_Name		
WEAP_ID	WEAP ID	WEAP Hammer Number ID
WEAP_ID_2003		
Efficiency		
EqMax Stroke		
Pressure_FS1		
Pressure_FS2		
Pressure_FS3		
Pressure_FS4		
Pressure_FS5		
Frequency		

lstHammerOptions_Fuel

Table 19. lstHammerOptions_Fuel Data

Max = Pressure_FS1
Max-1 = Pressure_FS2
Max-2 = Pressure_FS3
Max-3 = Pressure_FS4
Min = Pressure_FS5

lstHammerOptions_Operation

Table 20. lstHammerOptions_Operation Data

Convergence of stroke with fixed pressure
Convergence of pressure with fixed stroke
Single analysis with fixed stroke and pressure

lstCushion

Table 21. lstCushion Data

Cushion Name	Cushion Modulus [ksi]	Cushion Specific Weight [lb/ft3]	Cushion CoR
1" Aluminum per 1" Conbest *	545		0.8
1" Aluminum per 1" Micarta *	440	126	0.8
3/4" Aluminum per 1" Conbest *	480	123	0.8
1/2" Aluminum per 1" Conbest *	414	116	0.8
1/2" Aluminum per 1" Micarta *	334	113	0.8
1/4" Aluminum per 1" Micarta *	280	103	0.8
5.0"Hamortex + 1.5" Plywood (new)	72		0.7
5.0"Hamortex + 1.5" Plywood (used) **	108		0.7
2.5"Hamortex + 1.5" Plywood (new)	57		0.66
2.5"Hamortex + 1.5" Plywood (used) **	100		0.66
Acculam	500	87.4	0.8
Aluminum	10000	165	0.8
Bongossi Wood (parallel)	290	72	0.75
Conbest	280	91	0.8
Concrete-Grout (protected by cushion)	4500	135	1
Concrete-Regular (protected by cushion)	5000	150	1
Concrete-Spun Cylinder (protected by cushion)	6000	155	1

Cushion Name	Cushion Modulus [ksi]	Cushion Specific Weight [lb/ft3]	Cushion CoR
Duracush	35	70	0.82
Ecoboard (recycled plastic piles)	330	50	0.8
Fir, Douglas	1700	33	0.5
Forbon	400	78	0.85
Force 10	142		0.6
Fosterlon	380		0.85
Hamortex	125		0.77
Klinger	25	119	0.6
Lancaster	2800	140	0.8
MC-904(P) Blue Nylon	175	72	0.92
Micarta	225	87	0.8
MMPAC	367		0.88
Nycast 6MPB Cast Nylon	207	72	0.91
Nylon/Klinger	171		0.84
Oak boards - new (transverse)	60	44	0.5
Oak boards - used (transverse) **	90	44	0.5
Oak (parallel)	750	44	0.5
Oak (transverse)	60	44	0.5
Pine, White, dry (parallel)	1300	26	0.5
Pine, Yellow Northern, dry (parallel)	1300	34	0.5
Pine, Yellow Southern, dry (parallel)	1300	45	0.5
Plywood - new (transverse)	30	38	0.5
Plywood - used (transverse) **	75	38	0.5
Plywood - Impr. S-539/S-530	200	38	0.84
Plywood - Non-Impr. S-542/S-540	200	38	0.9
PPI (recycled plastic with steel rebar)	1860	51	0.8
Ryertex	43	78	0.93
Seaward	1240	54	0.8
Steel	30000	492	0.85
Timber (generic-parallel)	1800	57	0.5
Trimax	420	50	0.8
Urethane	175	69	0.72
Wire Rope	150	490	0.8
Ductile Cast Iron -Low	20000	442	0.85
Ductile Cast Iron -High	24000	442	0.85
Rubber	15	94	0.5

lstResistDist

Table 22. lst ResistDist Data

Proportional shaft resistance
Constant shaft resistance
Constant end resistance

Minimum required data for one test event record

- Project Info
    - Project Name
    - Contractor
    - Parish
    - Data Source
- Pile Info
    - Pile Name
    - Length
    - Pile Installation Hammer
    - Type [of test pile]
    - Pile Type (size and material)
    - Date Driven
    - Latitude
    - Longitude
    - Elev. Reference (Measured, Estimated, or Unknown?)
    - Ground Surface Elevation
    - EOD (End of Drive) Tip Elevation
- Test Event Info
    - Date Tested
    - Event Type (Static, CAPWAP, …)

APPENDIX E

DATABASE USER MANUAL

LADOTD Pile Load Test Database User Guide

Louisiana Department of Transportation and Development Pile Load Test Database (LAPLTD)

Contents

List of Figures

List of Tables

Introduction

Background

Purpose: To collect pile load testing information using a standard approach for use in evaluating pile capacity testing methods and pile capacity prediction methods.

Objectives: To standardize data collection for static load tests and dynamic load tests (CAPWAP Analyses).

Created with Access 2013.

Hierarchy

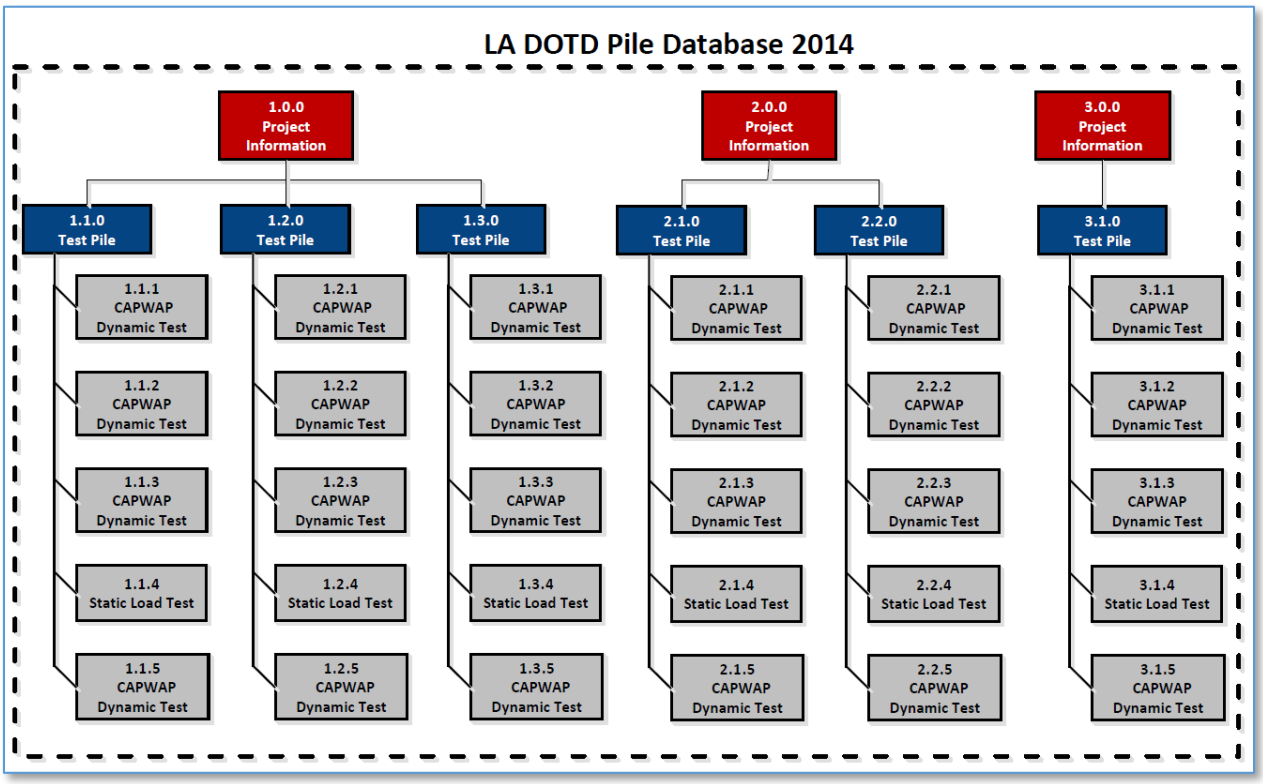


Figure 1: LAPLTD Hierarchy levels

Hierarchy level 1: Projects

Unique names/project numbers.

Hierarchy level 2: Test Piles

Each test pile must be tied to a project. There may exist many test piles for each project.

Hierarchy level 3: Test Events

Each test event must be tied to a test pile. There may exist many test events for each test pile.

Creating new records:

When creating new records (Project → Test Pile → Test Event), each preceding hierarchy level record must be saved before creating the connected record in the subsequent hierarchy level.

Deleting records:

When deleting records, all records in the lower hierarchy levels connected to the record you wish to delete must be deleted first. (Test Event → Test Pile → Project)

Validation and Input Restriction

Some fields included in the forms require input with certain restrictions. For example, **Latitude** and **Longitude** under location information for test piles. An error dialog box explaining the restrictions will appear after data not meeting these restrictions is entered into one of these fields and the field is deselected. The user may correct the data to satisfy the requirements or undo the data field change by pressing the "Esc" key.

Operational tip: *Occasionally while using the forms, some fields may not be able to be selected. If this happens, click on a large field like* Notes *or* Data*, and the glitch should stop, allowing you to select the other fields again.*

Main Menu

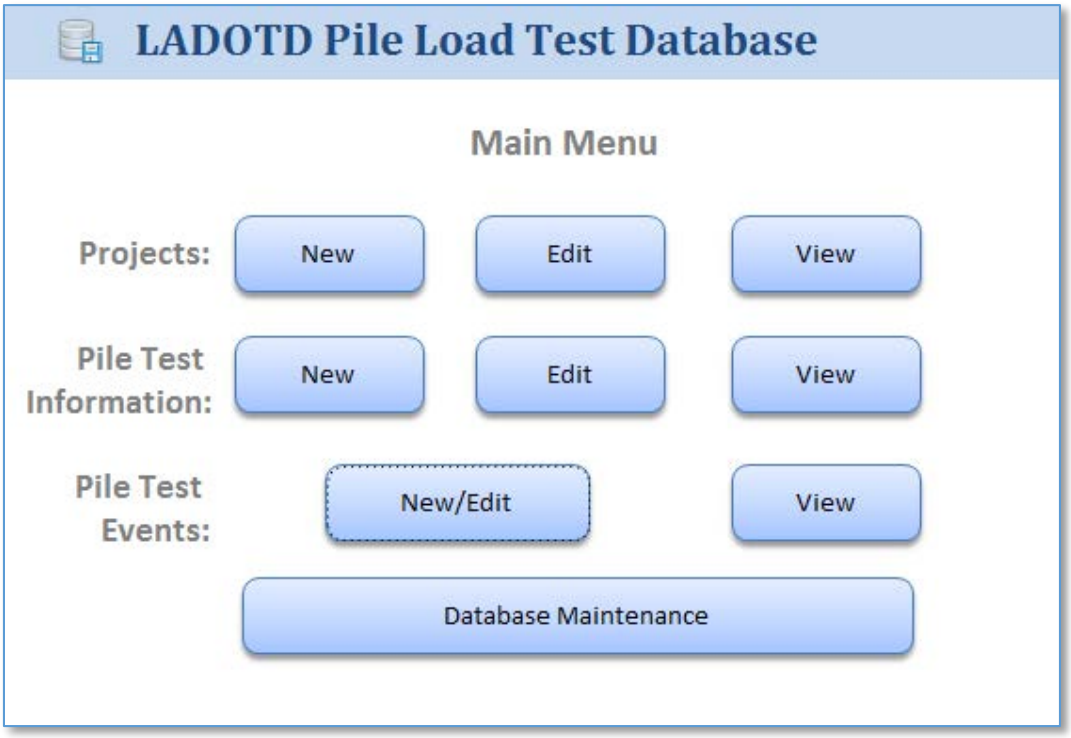


Figure 2: Main Menu

Projects

Hierarchy Level 1

New Project

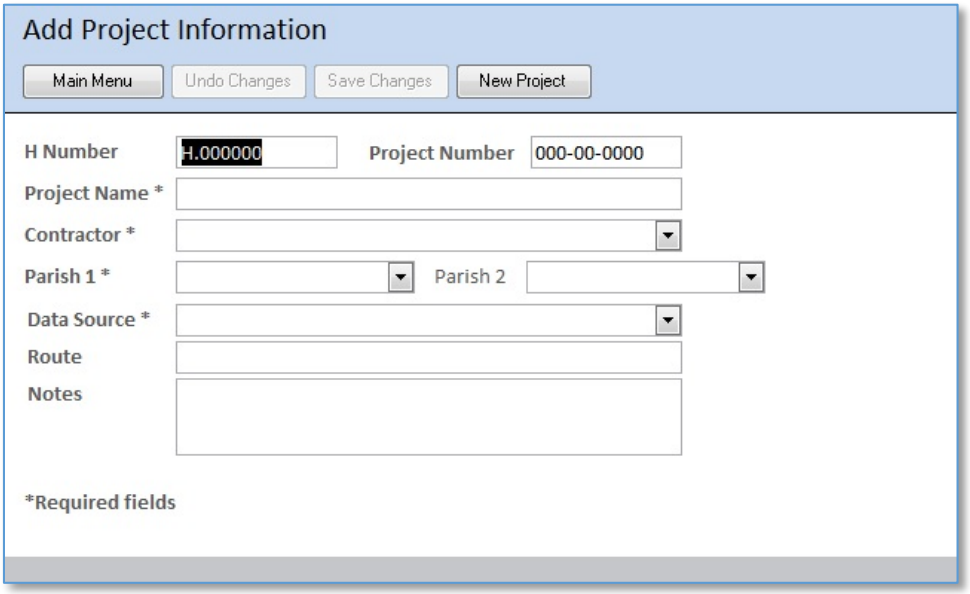


Figure 3: Add Project Information (opens in new window)

Required Fields (designated with * on input forms)

- Project Name
- Contractor
- Parish 1
- Data Source

Table 1: Project Information Default/Unknown Values

Field	Value
H Number	H.000000
Project Number	000-00-0000
Contractor	Unknown
Parish	Unknown

Project Fields

H Number – Project identification number for newer projects. Input mask "H." followed by six digits.

Project Number - Project identification number for older projects. Input mask 000-00-0000 (9 digits).

*Project Name** – Descriptive project name. Usually includes road name and/or name of feature the road crosses.

*Contractor** – Contractor performing foundation work for the project. Must be one of contractors listed. Add new contractor names to "Contractors" list in Database Maintenance as needed.

*Parish 1** – Parish in which the project resides or the primary parish in which the project is located.

Parish 2 – Secondary parish in which the project is located if the project spans two parishes.

*Data Source** – Source of information for the project data inputted. Must be one of the sources listed. Add new sources to the "Sources" list in Database Maintenance as needed.

Route – Route on which project is located.

Notes – Any additional project information.

Click SAVE CHANGES when done entering data.

Click NEW PROJECT if adding another project, otherwise click MAIN MENU to return to the main menu. Clicking UNDO CHANGES will erase all unsaved data in the form.

Edit Project

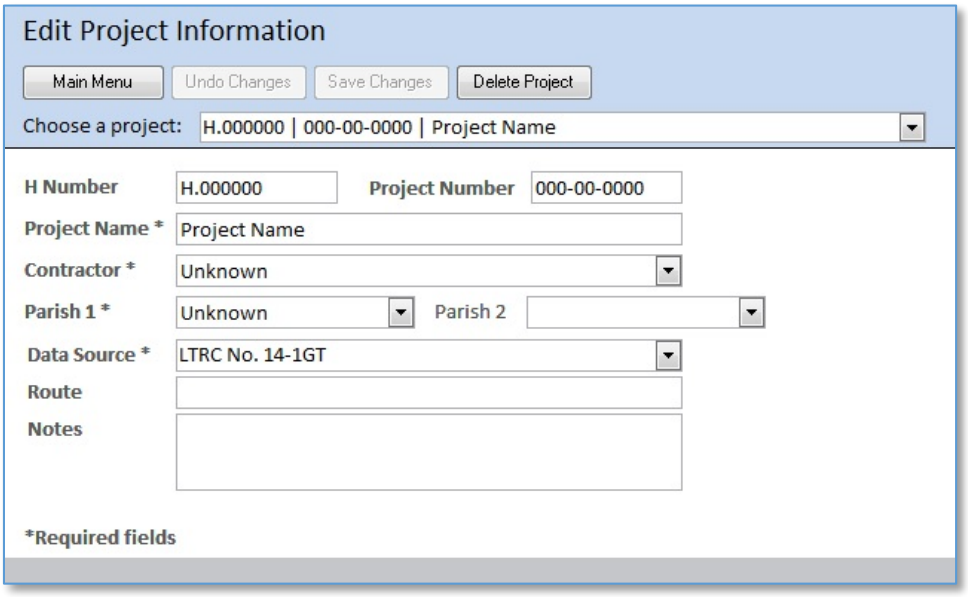
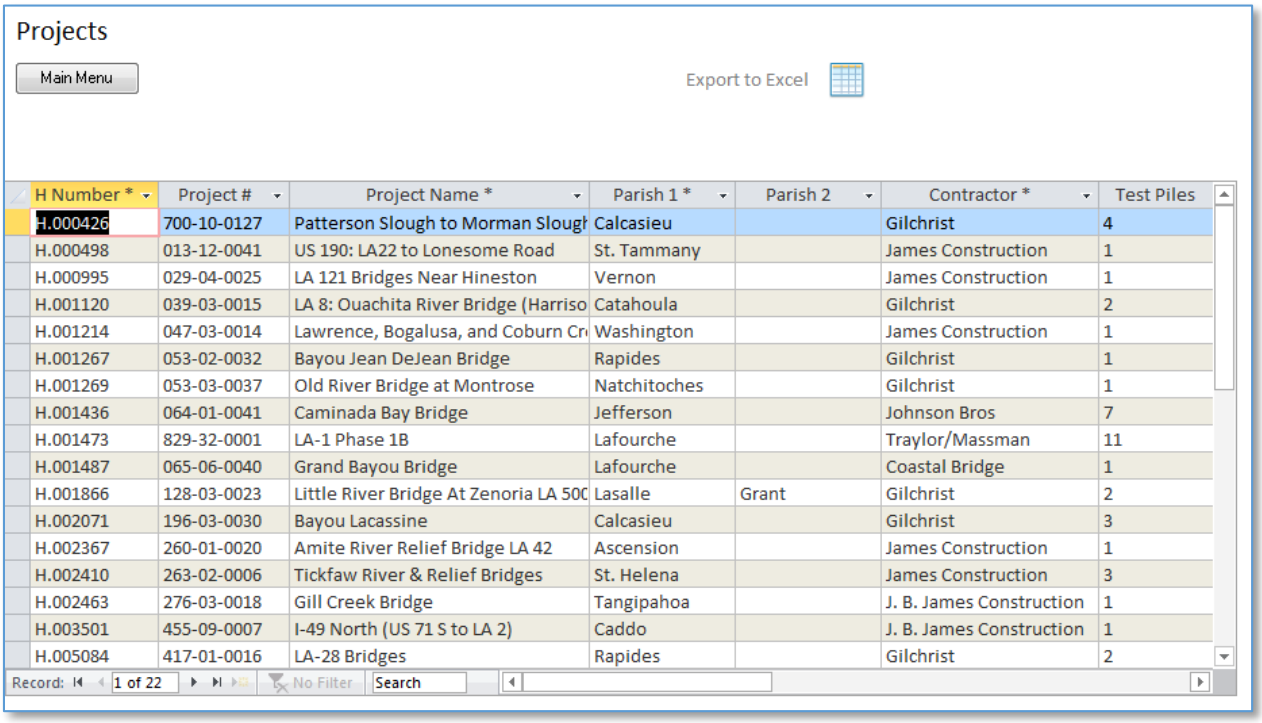


Figure 4: Edit Project Information (opens in new window)

This form includes the same fields as the **Add Project Information** form, except you must choose an existing project record to edit. Projects in the drop-down list are sorted by *H Number* first and *Project Number* second.

View Projects



H Number *	Project #	Project Name *	Parish 1 *	Parish 2	Contractor *	Test Piles
H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu		Gilchrist	4
H.000498	013-12-0041	US 190: LA22 to Lonesome Road	St. Tammany		James Construction	1
H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon		James Construction	1
H.001120	039-03-0015	LA 8: Ouachita River Bridge (Harriso	Catahoula		Gilchrist	2
H.001214	047-03-0014	Lawrence, Bogalusa, and Coburn Cr	Washington		James Construction	1
H.001267	053-02-0032	Bayou Jean DeJean Bridge	Rapides		Gilchrist	1
H.001269	053-03-0037	Old River Bridge at Montrose	Natchitoches		Gilchrist	1
H.001436	064-01-0041	Caminada Bay Bridge	Jefferson		Johnson Bros	7
H.001473	829-32-0001	LA-1 Phase 1B	Lafourche		Traylor/Massman	11
H.001487	065-06-0040	Grand Bayou Bridge	Lafourche		Coastal Bridge	1
H.001866	128-03-0023	Little River Bridge At Zenoria LA 500	Lasalle	Grant	Gilchrist	2
H.002071	196-03-0030	Bayou Lacassine	Calcasieu		Gilchrist	3
H.002367	260-01-0020	Amite River Relief Bridge LA 42	Ascension		James Construction	1
H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena		James Construction	3
H.002463	276-03-0018	Gill Creek Bridge	Tangipahoa		J. B. James Construction	1
H.003501	455-09-0007	I-49 North (US 71 S to LA 2)	Caddo		J. B. James Construction	1
H.005084	417-01-0016	LA-28 Bridges	Rapides		Gilchrist	2

Record: 1 of 22 No Filter Search

Figure 5: View Projects

Shows all project records. Use the EXPORT TO EXCEL button to export all data into an Excel spreadsheet. Each field may be sorted and filtered using the triangular buttons (▼) next to the field caption.

Piles

Hierarchy Level 2

Add Pile

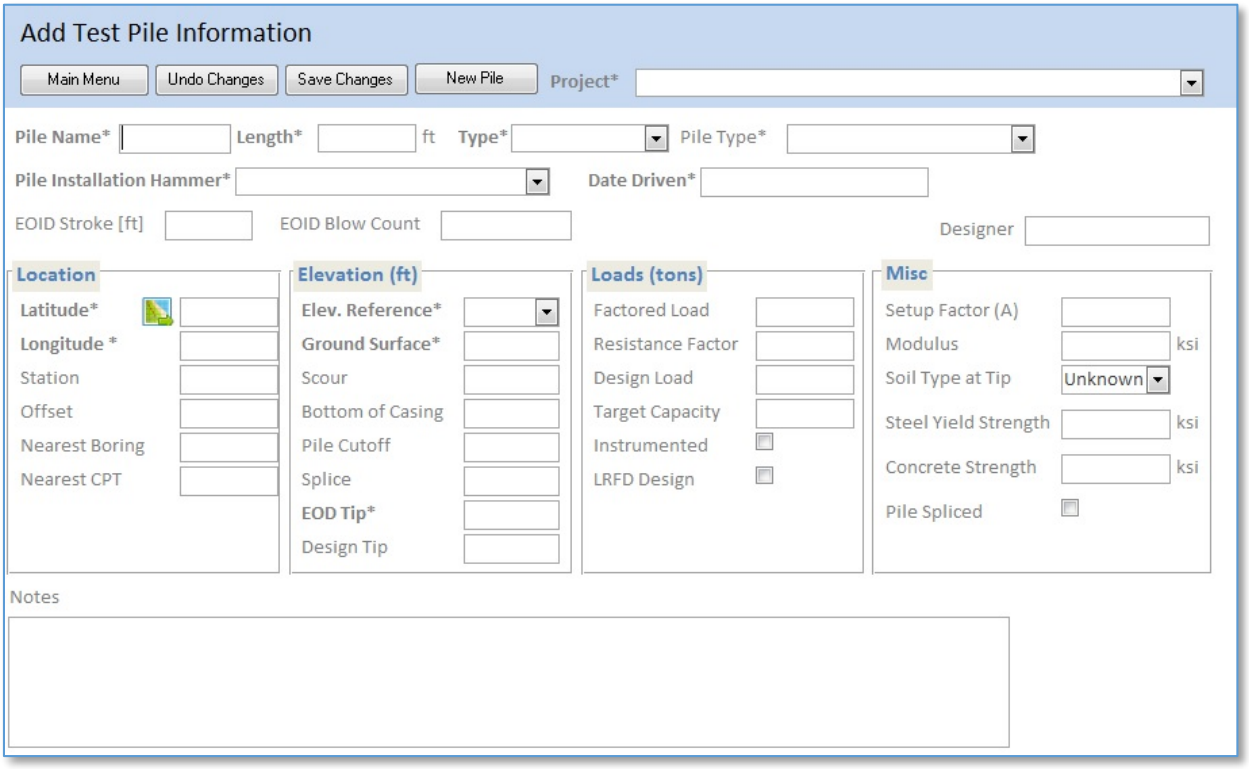


Figure 6: Add Pile Information

Start by selecting an existing project record. Projects in the drop-down list are sorted by *H Number* first and *Project Number* second.

Required Fields (designated with * on input forms)

- Pile Name
- Length
- Pile Installation Hammer
- Type
- Pile Type
- Date Driven
- Latitude
- Longitude
- Elev. Reference
- Ground Surface
- EOD Tip

Table 2: Pile Default/Unknown Values

Field	Value
Date Driven – Time	__/__/____ 00:00:00 AM
Latitude	29
Longitude	-90
Elev. Reference	Unknown
Ground Surface	0

Pile Fields

Pile info

*Pile Name** – Unique name of pile. (Ex. TP-03)

*Length** – Total length of pile in feet.

*Type** – Pile Type: Test Pile, Monitor Pile, Indicator Pile, Other, or Test Shaft. Most likely "Test Pile" (pile which has undergone a load test) or "Monitor Pile" (production pile).

*Pile Type** – Type of pile. For example, '12" Solid Sq. PPC'. Must be one of the pile types listed. Add new pile types to the "Pile Types" list in Database Maintenance as needed.

*Pile Installation Hammer** – Hammer used to drive the pile during initial install. Begin typing the hammer manufacturer and the first hammer of that manufacturer will appear. Use the pull-down to see other hammers. Must be one of the hammers on the list. Add new hammers to the "Hammers" list in Database Maintenance as needed.

*Date Driven** – Date and time at which pile was installed. Input mask: "__/__/____ __:__:__ __" (MM/DD/YYYY HH:MM:SS AM/PM). See Table 2 for unknown value of time.

EOID Stroke – End of Initial Drive (EOID) stroke in feet.

EOID Blow Count – End of Initial Drive (EOID) blow count.

Designer – Name of engineer on record for pile design.

Location

*Latitude** – North/South geographic coordinate for position of pile. Input as decimal; use as much detail as possible. Unacceptable latitude values will be met with the error: "Warning – Latitude must be located within the state of Louisiana (>28.89 And <33.03)". See Table 2 for unknown values.

*Longitude** – East/West geographic coordinate for position of pile. Input as decimal; use as much detail as possible. Unacceptable longitude values will be met with the error: "Warning – Longitude must be located within the state of Louisiana (>-93.9 And <-88.96)". See Table 2 for unknown values.

Station – Station feet position of pile. Use notation 00+00.00.

Offset – Station Offset. Feet offset from station for location of pile. Use notation 00 RT or 00 LT.

Nearest Boring – Name of boring nearest to pile. (Ex. SPT-01)

Nearest CPT – Name of CPT nearest to pile. (Ex. CPT-01)

Elevation (ft)

*Elev. Reference** – Description of the nature of ground surface elevation and other elevation values: Measured, Estimated, or Unknown.

*Ground Surface** – Ground surface elevation in feet. See Table 2 for unknown values.

Scour – Elevation in feet of pile scour. Usually similar to Bottom of Casing elevation.

Bottom of Casing - Elevation in feet of bottom of pile casing. Usually similar to Scour elevation. Must be blank or less than ground surface elevation or error message will appear: "Warning – Casing elevation must be below ground elevation."

Pile Cutoff – Top of pile elevation in feet.

Splice – Elevation of pile splice, usually applicable to longer piles that need to be spliced together during driving.

*EOD Tip** – Elevation in feet of the tip of pile at the end of driving. (Negative of the pile length if no other pile elevation values are known.)

Design Tip – Elevation in feet of the tip of pile specified in the design.

Loads (tons)

Factored Load – Factored load used in LRFD design in tons.

Resistance Factor – Resistance factor used in LRFD design.

Design Load – Design load used in ASD design in tons.

Target Capacity – Ultimate pile resistance needed to verify design in tons.

Instrumented – Was the pile instrumented? Yes (checked) or No (Unchecked).

LRFD Design – Pile designed according to LRFD? Yes (checked) or No (Unchecked).

Misc

Setup Factor (A) – Pile Setup Factor.

Modulus – Elastic Modulus of the pile in ksi.

Soil Type at Tip – Type of soil the tip of the pile: Unknown, Clay, Sand, or Gravel. Must be one of the soil types listed. Add new soil types to the "Soil Types" list in Database Maintenance as needed.

Steel Yield Strength – Yield strength of the steel used for the pile in ksi.

Concrete Strength – Yield strength of the concrete used for the pile in ksi.

Pile Spliced – Was the pile spliced? Yes (checked) or No (Unchecked).

Click SAVE CHANGES when done entering data.

Click NEW PILE if adding another pile, otherwise click MAIN MENU to return to the main menu. Clicking UNDO CHANGES will erase all unsaved data in the form.

Edit Pile

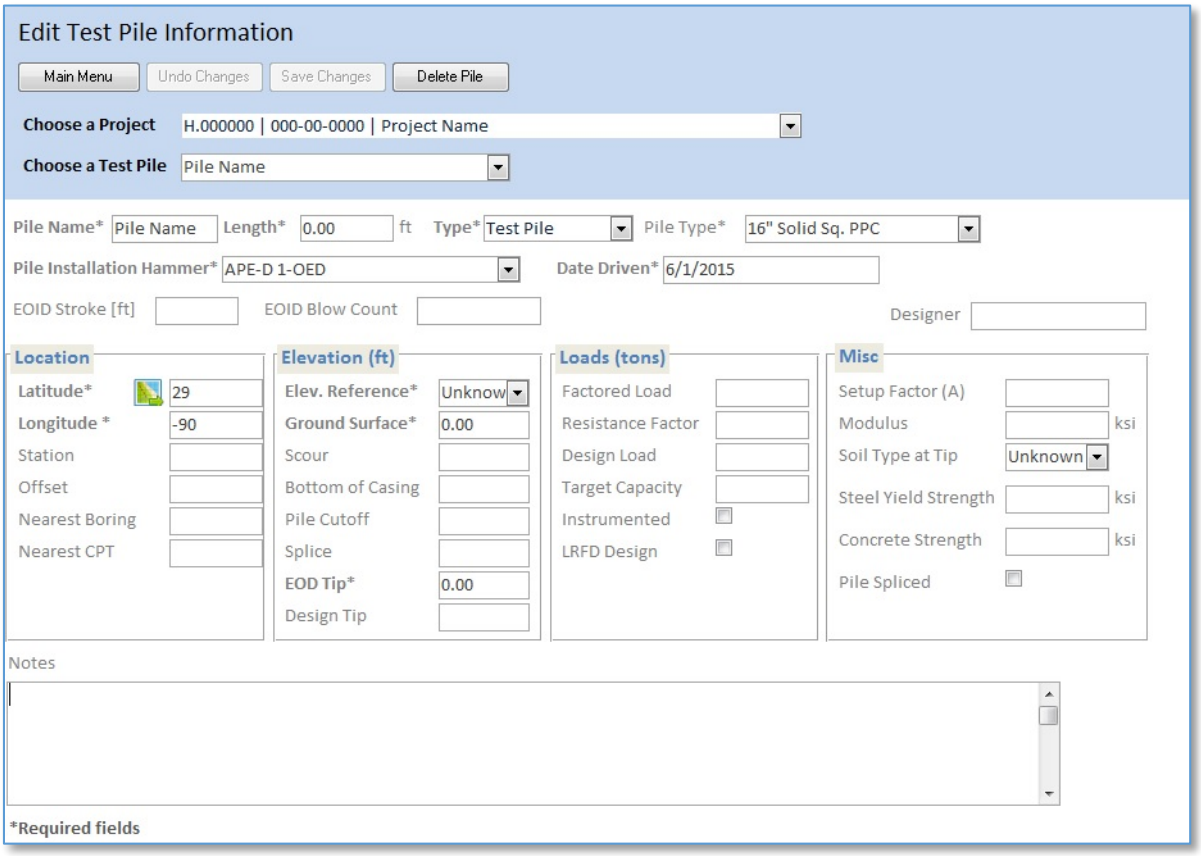


Figure 7: Edit Pile Information

This form includes the same fields as the **Add Test Pile Information** form, except you must choose an existing pile record to edit. Projects in the drop-down list are sorted by *H Number* first and *Project Number* second. Test piles in the drop down list are sorted in alphabetical order.

View Piles

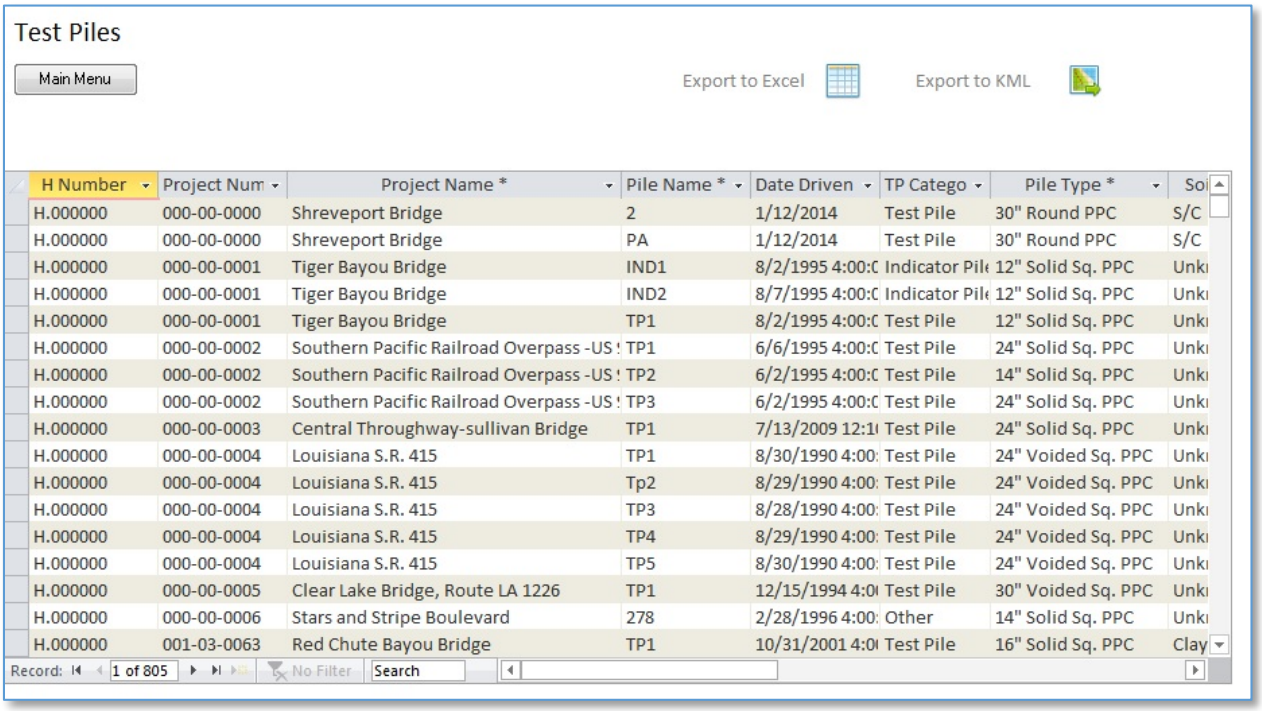


Figure 8: View Piles

Shows all pile records. Use the EXPORT TO EXCEL button to export all data into an Excel spreadsheet.

Use the EXPORT TO KML button to generate a Google Earth KML file with the filename “Piles_Export.kml” in the same directory as the database. The file generated will include all piles in the database and will overwrite any file in the directory with the same name. Use Google Earth to open the KML file and view the pile locations.

Each field may be sorted and filtered using the triangular buttons (▼) next to the field caption.

Test Events

Hierarchy Level 3

New/Edit Pile Test Events

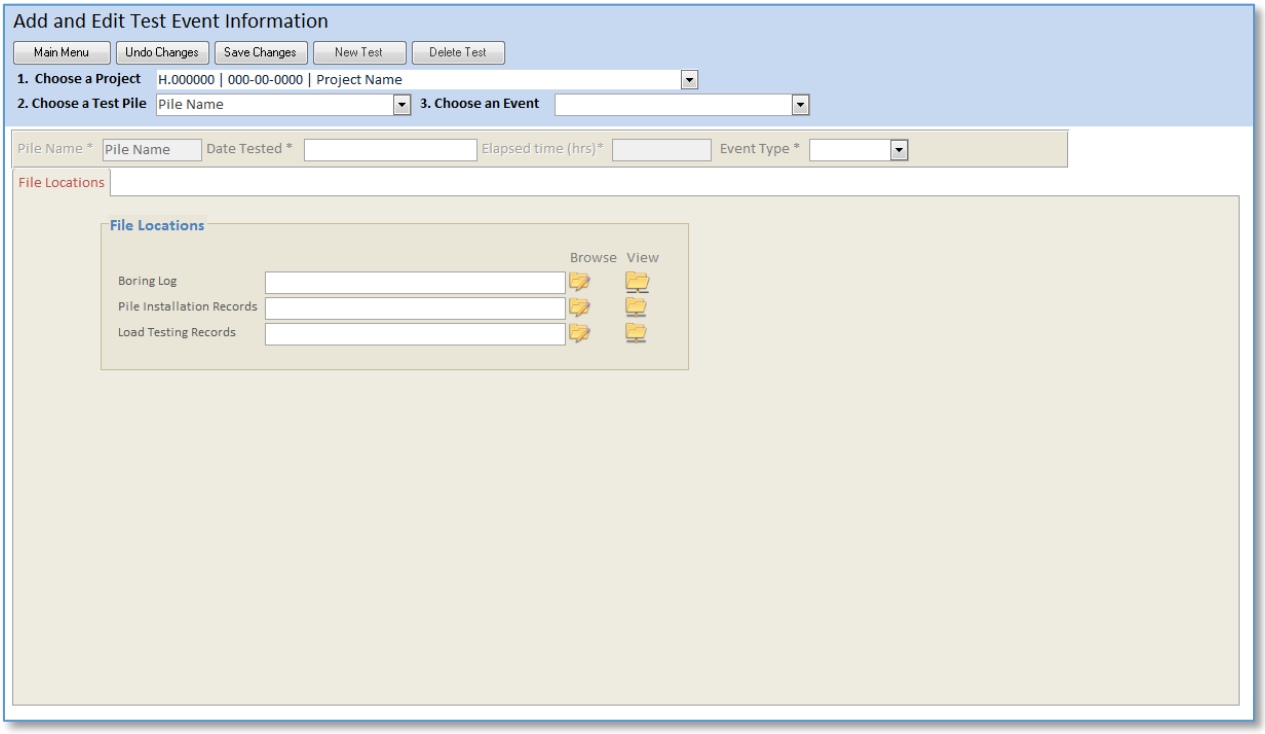


Figure 9: New/Edit Pile Test Events

Start by selecting a project record, then a test pile record. Projects in the drop-down list are sorted by *H Number* first and *Project Number* second. Test piles in the drop down list are sorted in alphabetical order.

Click NEW TEST to create a new test event record.

To edit an existing record, select a test event record from the **Choose an Event** drop-down list.

Required Fields (designated with * on input forms)

- Date Tested
- Event Type

Table 3: Test Event Default/Unknown Values

Field	Value
Date Tested – Time	__/__/____ 00:00:00 AM

Test Event Fields

Test Event Info

Pile name – Pile name of the test pile chosen from drop-down list #2. Autocompleted when the New Test button is clicked.

*Date Tested** – Date and time at which pile was tested. Input mask: "__/__/____ __:__:__ __" (MM/DD/YYYY HH:MM:SS AM/PM). See Table 3 for unknown value of time.

Elapsed time – Elapsed time in hours from when the pile was installed to when the pile was tested. Auto-calculated when the record is saved. Displays 0.01 hours if time elapsed is zero or negative.

*Event Type** – Type of test event; brings up relevant data entry forms when chosen. Choices: Static, CAPWAP, Case/RMX, Statnamic, Gates, Other, EDC (Embedded Data Collector), APPLE/Drop, O-Cell, Static (Uplift), or Static (Lateral). Only two event types are given detailed data input forms in the database: **Static** (Figure 10) and **CAPWAP** (Figure 11). The other event types, when selected for a new test event, bring up the *File Locations* tab (Figure 9) through which data in PDF files can be linked.

File locations

Boring Log – Location of the PDF file including boring log information. Click the browse icon to search for a file path. Click the view icon to view the file if a file path has been specified.

Pile Installation Records – Location of the PDF file including pile installation record information. Click the browse icon to search for a file path. Click the view icon to view the file if a file path has been specified.

Load Testing Records – Location of the PDF file including load test record information. Click the browse icon to search for a file path. Click the view icon to view the file if a file path has been specified.

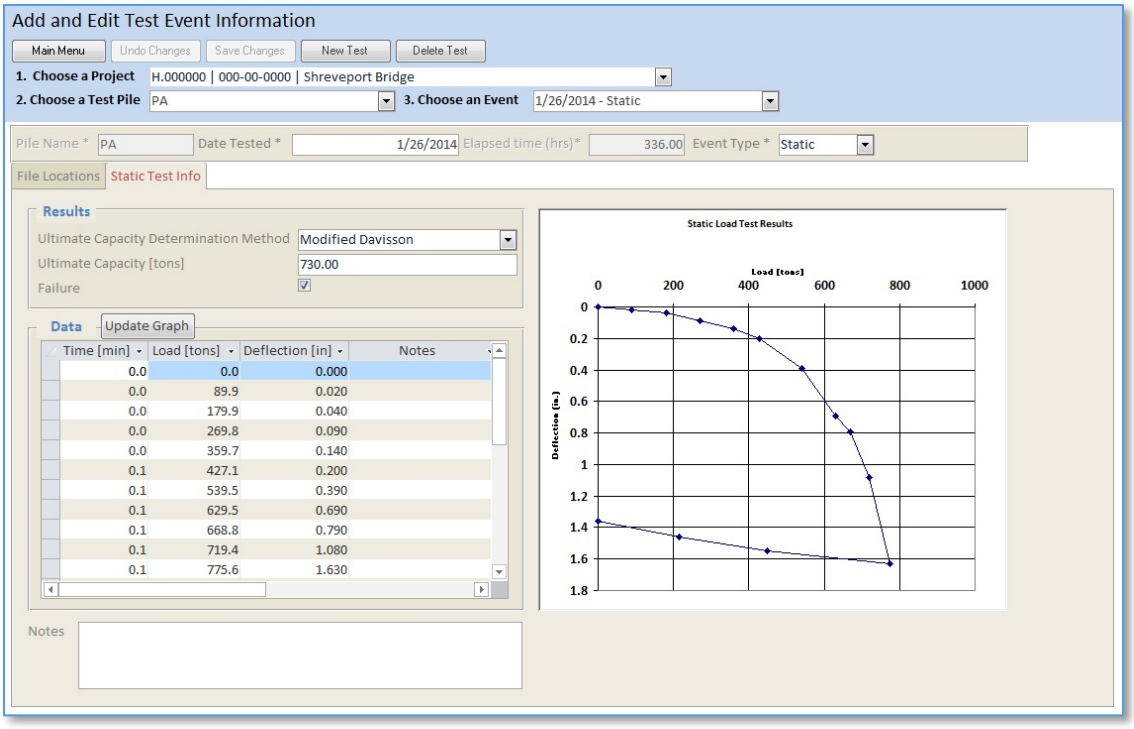


Figure 10: New/Edit Pile Test Event – Static

Test Event Fields (continued)

Static Test Event Info

Ultimate Capacity Determination Method – Method used for determining the ultimate capacity of the pile: Davisson (for piles up to 24”), Modified Davisson (for piles larger than 24”), or Butler-Hoy.

Ultimate Capacity – Ultimate capacity of the pile derived from the test event in tons.

Failure – Did the static load test data meet the failure criteria? Yes (checked) or No (unchecked).

Data – Data input table for static load test. Time (minutes), Load (tons), Deflection (inches), Notes. Start data with a 0 minutes, 0 tons, 0 inches record. Click the UPDATE GRAPH button at any time to plot the data.

Notes – Additional static test event or ultimate capacity determination method information such as “Selected ultimate capacity at load before pile plunge.”

If opening an existing record to edit, you may have to click the UPDATE GRAPH button to get the existing data to plot correctly.

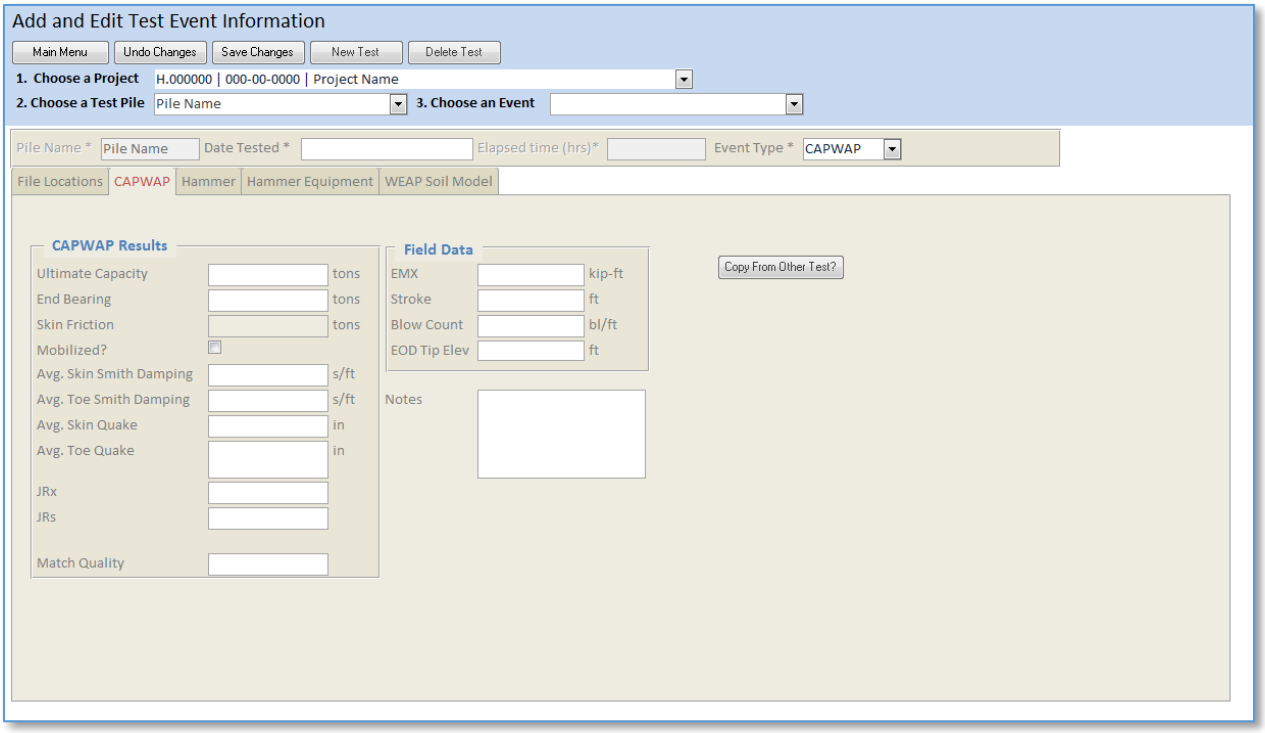


Figure 11: New/Edit Pile Test Event – CAPWAP

Test Event Fields (continued)

CAPWAP Test Event Info

CAPWAP Results

Ultimate Capacity – Ultimate capacity of the pile derived from the test event in tons.

End Bearing – End bearing capacity of the pile derived from the test event in tons.

Skin Friction – Skin friction capacity of the pile derived from the test event in tons. Auto-calculated based on *Ultimate Capacity* and *End Bearing*.

Mobilized? – Was skin resistance mobilized? (less than 180 blows/ft) Yes (checked) or No (unchecked).

Avg. Skin Smith Damping – Average skin smith damping in s/ft.

Avg. Toe Smith Damping – Average toe smith damping in s/ft.

Avg. Skin Quake – Average skin quake in inches.

Avg. Toe Quake – Average toe quake in inches.

JRx – Damping constant associated with PDA capacity associated with Rx method.

JRs – Damping constant associated with PDA capacity associated with Rs method.

Match Quality – Match quality from CAPWAP analysis.

Field Data

EMX – Hammer Energy in kip-feet.

Stroke – Observed stroke in feet.

Blow count – Observed blow count at time of event in blows/ft.

EOD Tip Elev – Pile tip elevation at the end of drive in feet.

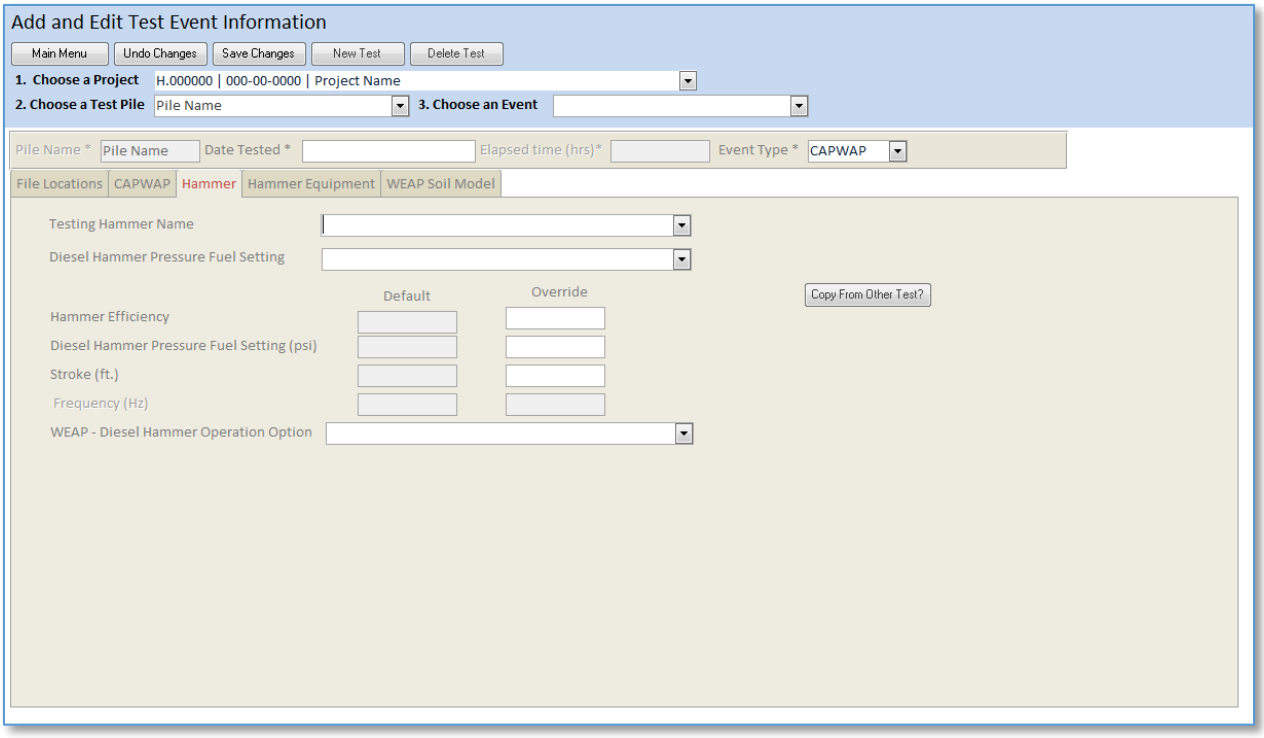


Figure 12: New/Edit Pile Test Event – CAPWAP – Hammer

Test Event Fields (continued)

CAPWAP Test Event Info - Hammer

Testing Hammer Name – Name of the hammer used during the pile test event. Begin typing the hammer manufacturer and the first hammer of that manufacturer will appear. Use the pull-down to see other hammers. Must be one of the hammers on the list. Add new hammers to the "Hammers" list in Database Maintenance as needed.

Diesel Hammer Pressure Fuel Setting – Fuel setting for diesel hammers:

WEAP	Pressure
Max	Pressure_FS1
Max-1	Pressure_FS2
Max-2	Pressure_FS3
Max-3	Pressure_FS4
Min	Pressure_FS5

Hammer Efficiency – Efficiency of hammer. Default value is automatically filled in from data in the hammer database.

Diesel Hammer Pressure Fuel Setting (psi) – Pressure in psi corresponding to fuel setting selected for diesel hammer. Default value changes according to the selection made in the *Diesel Hammer Pressure Fuel Setting* drop-down list.

Stroke (ft.) – Hammer equivalent maximum stroke in feet.

Frequency (Hz) – Frequency in hertz for vibratory hammers.

WEAP – Diesel Hammer Operation Option – WEAP options for hammer operation: convergence of stroke with fixed pressure, convergence of pressure with fixed stroke, or single analysis with fixed stroke and pressure.

Helpful feature: Data can be copied from previously entered test event records for the test pile. Use the COPY FROM OTHER TEST? *button and select the other test event from which you would like to copy the data. Then click* APPLY RESULTS.

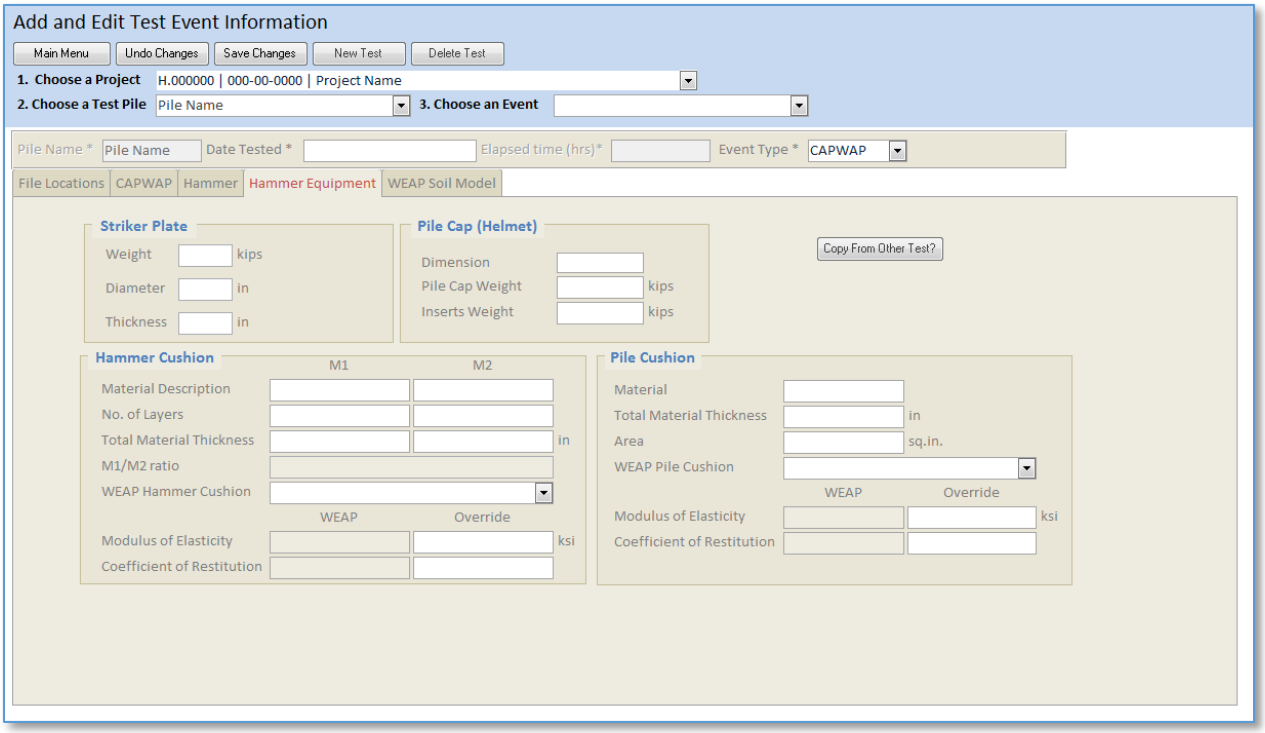


Figure 13: New/Edit Pile Test Event – CAPWAP – Hammer Equipment

Test Event Fields (continued)

CAPWAP Test Event Info – Hammer Equipment

Striker Plate

Weight – Weight of striker plate in kips.

Diameter – Diameter of striker plate in inches.

Thickness – Thickness of striker plate in inches.

Pile Cap (Helmet)

Dimension – Description of pile cap (or pile helmet) material.

Pile Cap Weight – Weight of pile cap in kips.

Inserts Weight – Weight of pile cap inserts in kips.

Hammer Cushion

Material Description – Description of hammer cushion material.

No. of layers – Number of layers of hammer cushion material specified.

Total Material Thickness – Total thickness of the hammer cushion material specified.

M1/M2 ratio – Ratio of the thickness of hammer cushion material 1 to the thickness of hammer cushion material 2. Auto-calculated based on thickness input.

WEAP Hammer Cushion – A drop-down menu of cushions from the WEAP database. Use the *M1/M2 ratio* to help guide cushion selection.

Modulus of Elasticity – Elastic modulus of the hammer cushion.

Coefficient of Restitution – Coefficient of Restitution (COR) of the hammer cushion.

***Pile* Cushion**

Material – Pile cushion material description.

Total Material Thickness – Total thickness of the pile cushion material.

Area – Area of the of the pile cushion.

WEAP Pile Cushion – A drop-down menu of cushions from the WEAP database.

Modulus of Elasticity – Elastic modulus of the pile cushion.

Coefficient of Restitution – Coefficient of Restitution (COR) of the pile cushion.

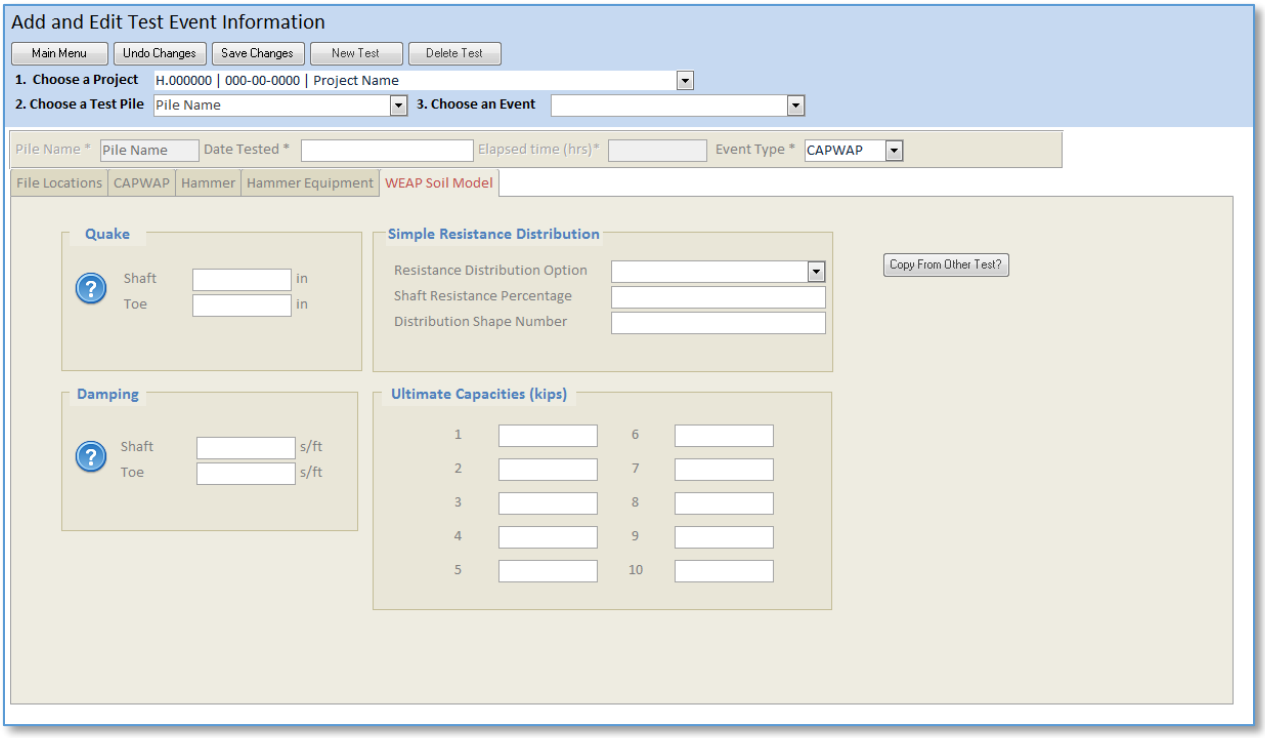


Figure 14: New/Edit Pile Test Event – CAPWAP – WEAP Soil Model

Test Event Fields (continued)

CAPWAP Test Event Info – WEAP Soil Model

Quake (click blue circled question mark "?" for help about typical values)

Shaft – Shaft quake soil parameter in inches.

Toe – Toe quake soil parameter in inches.

Damping (click blue circled question mark "?" for help about typical values)

Shaft – Shaft damping soil parameter in s/ft.

Toe – Toe damping soil parameter in s/ft.

Simple Resistance Distribution

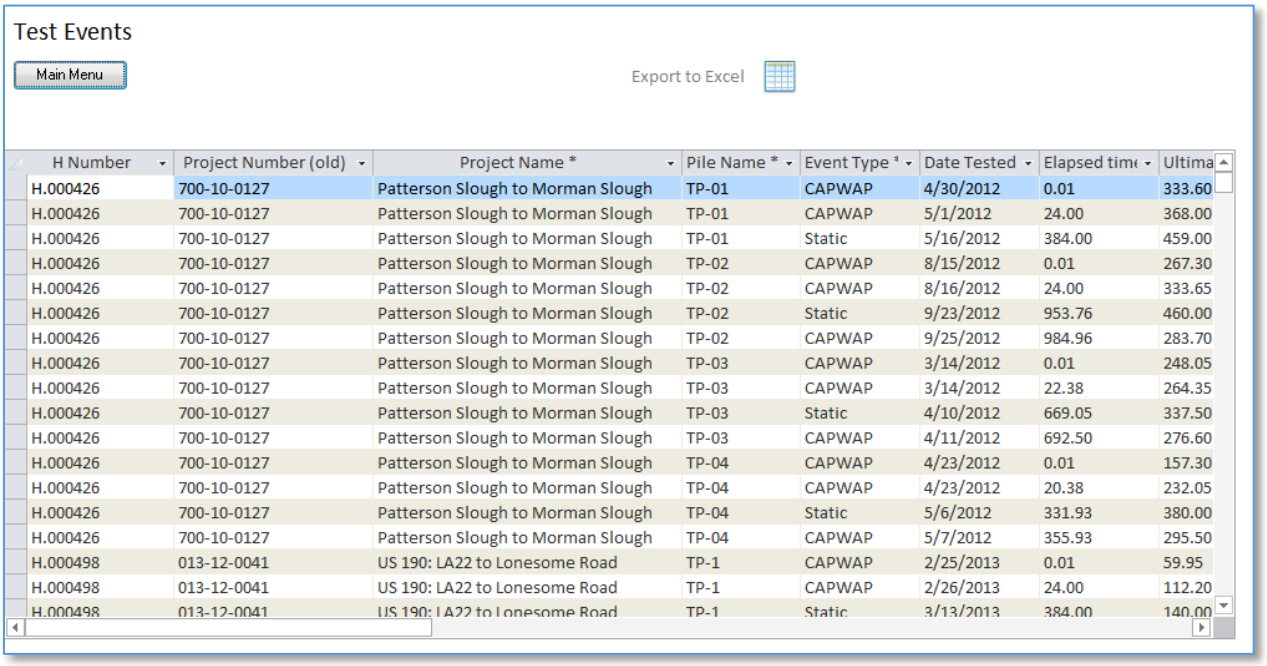
Resistance Distribution Option – Proportional shaft resistance, Constant shaft resistance, or Constant end resistance.

Shaft Resistance Percentage – Percentage (%) of shaft resistance.

Distribution Shape Number - Distribution shape number.

Ultimate Capacities (kips) – *1* through *10*.

View Pile Test Events



H Number	Project Number (old)	Project Name *	Pile Name *	Event Type	Date Tested	Elapsed time	Ultima
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-01	CAPWAP	4/30/2012	0.01	333.60
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-01	CAPWAP	5/1/2012	24.00	368.00
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-01	Static	5/16/2012	384.00	459.00
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-02	CAPWAP	8/15/2012	0.01	267.30
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-02	CAPWAP	8/16/2012	24.00	333.65
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-02	Static	9/23/2012	953.76	460.00
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-02	CAPWAP	9/25/2012	984.96	283.70
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-03	CAPWAP	3/14/2012	0.01	248.05
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-03	CAPWAP	3/14/2012	22.38	264.35
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-03	Static	4/10/2012	669.05	337.50
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-03	CAPWAP	4/11/2012	692.50	276.60
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-04	CAPWAP	4/23/2012	0.01	157.30
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-04	CAPWAP	4/23/2012	20.38	232.05
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-04	Static	5/6/2012	331.93	380.00
H.000426	700-10-0127	Patterson Slough to Morman Slough	TP-04	CAPWAP	5/7/2012	355.93	295.50
H.000498	013-12-0041	US 190: LA22 to Lonesome Road	TP-1	CAPWAP	2/25/2013	0.01	59.95
H.000498	013-12-0041	US 190: LA22 to Lonesome Road	TP-1	CAPWAP	2/26/2013	24.00	112.20
H.000498	013-12-0041	US 190: LA22 to Lonesome Road	TP-1	Static	3/13/2013	384.00	140.00

Figure 15: View Test Events

Shows all test event records. Use the EXPORT TO EXCEL button to export all data into an Excel spreadsheet. Each field may be sorted and filtered using the triangular buttons (▼) next to the field caption.

Database Maintenance

The Database Maintenance menu allows for modification and addition to lists used throughout the database.

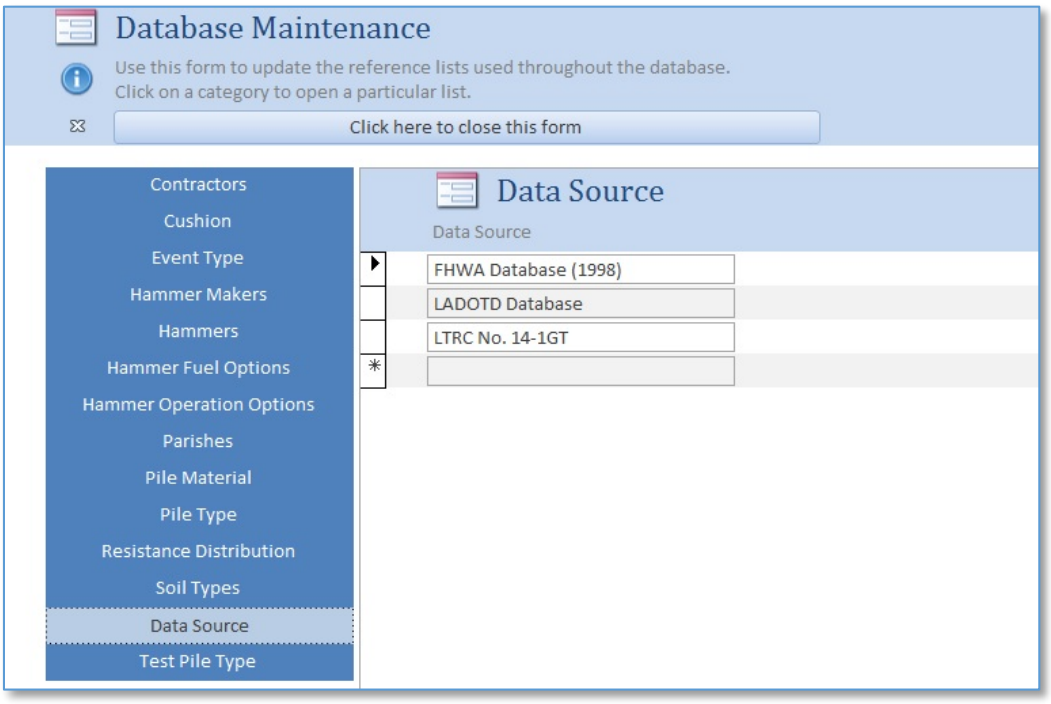


Figure 16: Database Maintenance - Source

- **Data Source**
  - FHWA Database (1998)
  - LADOTD Database
  - LTRC No. 14-1GT
- **Contractors**
- **Parishes**
- **Pile Type**
- **Pile Material**
  - Concrete
  - Steel
  - Timber
- **Test Pile Type**
  - Test Pile
  - Monitor Pile
  - Indicator Pile
  - Other
  - Test Shaft
- **Event Type**

    - Static
    - CAPWAP
    - Case/RMX
    - Statnamic
    - Gates
    - Other
    - EDC (Embedded Data Collector)
    - APPLE/Drop
    - O-Cell
    - Static (Uplift)
    - Static (Lateral)
- **Soil Type**
    - Unknown
    - Clay
    - Sand
    - Gravel
    - CH
    - CL
    - CL-ML
    - GC
    - ML
    - OH, ABOVE "A" LINE
    - S/C
    - SC
    - SC-SM
    - SM
    - SP
- **Hammer Manufacturers**
- **Hammer Information**
- **Hammer Fuel Options**
    - Max = Pressure_FS1
    - Max-1 = Pressure_FS2
    - Max-2 = Pressure_FS3
    - Max-3 = Pressure_FS4
    - Min = Pressure_FS5
- **Hammer Operation Options**
    - Convergence of stroke with fixed pressure
    - Convergence of pressure with fixed stroke
    - Single analysis with fixed stroke and pressure.
- **Cushion Information**
- **Resistance Distribution**
    - Proportional shaft resistance
    - Constant shaft resistance
    - Constant end resistance

Minimum required data for one test event record

- **Project Info**
  - Project Name
  - Contractor
  - Parish
  - Data Source
- **Pile Info**
  - Pile Name
  - Length
  - Pile Installation Hammer
  - Type [of test pile]
  - Pile Type (size and material)
  - Date Driven
  - Latitude
  - Longitude
  - Elev. Reference (Measured, Estimated, or Unknown?)
  - Ground Surface Elevation
  - EOD (End of Drive) Tip Elevation
- **Test Event Info**
  - Date Tested
  - Event Type (Static, CAPWAP, …)

APPENDIX F

LADOTD PILE LOAD TEST DATABASE

(LAPLTD) DATA SUMMARY

All Events by Case Number

Case #	dtProjects.ID	dtTestPiles.ID	dtTestEvents.ID	H Number	Project Number (old)	Project Name *	Parish 1 *	Source *	Pile Name *	TP_Type	Name	Event Type *	Date Driven *	Date Tested *	Elapsed time [hours] (req)	Ultimate Capacity [tons]	Notes
1	4	1	244	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	57-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/13/2009	2/16/2009	50.00	221.2	
2	4	2	245	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	58-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/18/2009	2/19/2009	22.00	225.3	
3	4	3	246	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	59-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/20/2009	2/21/2009	22.00	230.0	
4	4	4	247	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	60-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/25/2009	2/26/2009	20.00	232.5	
5	4	5	248	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	61-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/27/2009	2/28/2009	23.00	243.6	
6	1	10	13	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	1/25/2010	1/25/2010	0.10	225.0	CAPWAP of EOD
7	1	10	14	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	1/25/2010	2/1/2010	168.00	285.0	CAPWAP of 7-day restrike
8	1	10	16	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	Static	1/25/2010	2/20/2010	624.00	279.0	Selected ultimate capacity at load before pile plunge
9	1	10	15	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	1/25/2010	2/21/2010	648.00	300.0	CAPWAP of 27-day restrike (after load test)
10	1	12	22	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-03	Test Pile	30" Voided Sq. PPC	CAPWAP	1/25/2010	1/25/2010	0.10	63.0	CAPWAP of EOD
11	1	12	23	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-03	Test Pile	30" Voided Sq. PPC	CAPWAP	1/25/2010	1/27/2010	48.00	295.0	CAPWAP of 2-day restrike
12	1	12	25	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-03	Test Pile	30" Voided Sq. PPC	Static	1/25/2010	3/21/2010	1320.00	700.0	Pile did not fail
13	1	12	24	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-03	Test Pile	30" Voided Sq. PPC	CAPWAP	1/25/2010	3/22/2010	1344.00	700.0	CAPWAP of 56-day restrike
14	1	13	26	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-04	Test Pile	30" Voided Sq. PPC	CAPWAP	2/2/2010	2/2/2010	0.10	259.6	CAPWAP of EOD
15	1	13	27	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-04	Test Pile	30" Voided Sq. PPC	CAPWAP	2/2/2010	2/2/2010	1.00	310.0	CAPWAP of 1-hr restrike
16	1	13	28	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-04	Test Pile	30" Voided Sq. PPC	CAPWAP	2/2/2010	2/20/2010	432.00	612.2	CAPWAP of 18-day restrike
17	1	13	29	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-04	Test Pile	30" Voided Sq. PPC	Static	2/2/2010	3/6/2010	768.00	675.0	Pile did not fail
18	1	14	30	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-05	Test Pile	30" Voided Sq. PPC	CAPWAP	2/1/2010	2/1/2010	0.10	80.0	CAPWAP of EOD
19	1	14	31	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-05	Test Pile	30" Voided Sq. PPC	CAPWAP	2/1/2010	2/1/2010	1.00	132.4	CAPWAP of 1-hr restrike. Stroke taken from different blow
20	1	14	32	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-05	Test Pile	30" Voided Sq. PPC	CAPWAP	2/1/2010	2/3/2010	48.00	280.0	CAPWAP of 2-day restrike
21	1	14	34	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-05	Test Pile	30" Voided Sq. PPC	Static	2/1/2010	3/4/2010	744.00	475.0	Selected ultimate capacity at load before pile plunge
22	1	14	33	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-05	Test Pile	30" Voided Sq. PPC	CAPWAP	2/1/2010	3/5/2010	768.00	475.2	CAPWAP of 32-day restrike (after load test)
23	1	15	35	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-06	Test Pile	30" Voided Sq. PPC	CAPWAP	1/26/2010	1/26/2010	0.10	63.5	CAPWAP of EOD
24	1	15	36	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-06	Test Pile	30" Voided Sq. PPC	CAPWAP	1/26/2010	1/26/2010	1.00	200.0	CAPWAP of 1-hr restrike
25	1	15	37	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-06	Test Pile	30" Voided Sq. PPC	CAPWAP	1/26/2010	1/27/2010	24.00	325.0	CAPWAP of 24-hr restrike
26	1	15	39	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-06	Test Pile	30" Voided Sq. PPC	Static	1/26/2010	2/10/2010	360.00	575.0	Selected ultimate capacity at load before pile plunge
27	1	15	38	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-06	Test Pile	30" Voided Sq. PPC	CAPWAP	1/26/2010	3/8/2010	984.00	499.9	CAPWAP of 41-day restrike (after load test)
28	1	16	40	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-07	Test Pile	30" Voided Sq. PPC	CAPWAP	1/27/2010	1/27/2010	0.10	25.0	CAPWAP of EOD
29	1	16	41	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-07	Test Pile	30" Voided Sq. PPC	CAPWAP	1/27/2010	1/27/2010	1.00	182.5	CAPWAP of 1-hr restrike
30	1	16	43	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-07	Test Pile	30" Voided Sq. PPC	Static	1/27/2010	2/24/2010	672.00	325.0	
31	1	16	42	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-07	Test Pile	30" Voided Sq. PPC	CAPWAP	1/27/2010	2/24/2010	672.00	270.0	CAPWAP of 28-day restrike (after load test)
32	4	17	44	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	CAPWAP	11/6/2010	11/6/2010	0.10	91.0	CAPWAP of EOD
33	4	17	45	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	CAPWAP	11/6/2010	11/6/2010	2.00	199.4	CAPWAP of 2-hr restrike
34	4	17	46	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	CAPWAP	11/6/2010	11/6/2010	3.90	241.8	CAPWAP of 4-hr restrike
35	4	17	47	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	CAPWAP	11/6/2010	11/6/2010	6.00	257.2	CAPWAP of 6-hr restrike
36	4	17	48	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	CAPWAP	11/6/2010	11/7/2010	24.00	329.3	CAPWAP of 24-hr restrike
37	4	17	49	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	CAPWAP	11/6/2010	11/8/2010	48.00	342.7	CAPWAP of 48-hr restrike
38	4	17	50	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	CAPWAP	11/6/2010	11/9/2010	72.00	359.4	CAPWAP of 72-hr restrike
39	4	17	52	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	Static	11/6/2010	11/12/2010	147.30	403.0	Selected ultimate capacity at load before pile plunge
40	4	17	51	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-06	Test Pile	24" Voided Sq. PPC	CAPWAP	11/6/2010	11/12/2010	150.50	386.7	CAPWAP of 5-day restrike
41	4	18	751	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-07	Test Pile	24" Voided Sq. PPC	CAPWAP	8/7/2010	8/7/2010	0.10	150.1	CAPWAP of EOD
42	4	18	53	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-07	Test Pile	24" Voided Sq. PPC	CAPWAP	8/7/2010	8/7/2010	0.25	178.6	CAPWAP of 15-min restrike

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43	4	18	54	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-07	Test Pile	24" Voided Sq. PPC	CAPWAP	8/7/2010	8/7/2010	1.00	193.2	CAPWAP of 1-hr restrike
44	4	18	55	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-07	Test Pile	24" Voided Sq. PPC	CAPWAP	8/7/2010	8/7/2010	2.00	220.5	CAPWAP of 2-hr restrike
45	4	18	56	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-07	Test Pile	24" Voided Sq. PPC	CAPWAP	8/7/2010	8/8/2010	24.10	292.3	CAPWAP of 24-hr restrike
46	4	18	57	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-07	Test Pile	24" Voided Sq. PPC	CAPWAP	8/7/2010	8/10/2010	72.10	317.1	CAPWAP of 72-hr restrike
47	4	18	59	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-07	Test Pile	24" Voided Sq. PPC	Static	8/7/2010	8/15/2010	192.00	369.5	
48	4	18	58	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-07	Test Pile	24" Voided Sq. PPC	CAPWAP	8/7/2010	8/16/2010	218.20	347.1	CAPWAP of 9-day restrike
49	4	19	60	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-08	Test Pile	24" Voided Sq. PPC	CAPWAP	3/10/2010	3/10/2010	0.10	175.3	CAPWAP of EOD
50	4	19	61	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-08	Test Pile	24" Voided Sq. PPC	CAPWAP	3/10/2010	3/10/2010	2.00	310.1	CAPWAP of 2-hr restrike
51	4	19	62	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-08	Test Pile	24" Voided Sq. PPC	CAPWAP	3/10/2010	3/10/2010	4.00	351.5	CAPWAP of 4-hr restrike
52	4	19	63	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-08	Test Pile	24" Voided Sq. PPC	CAPWAP	3/10/2010	3/11/2010	24.00	394.8	CAPWAP of 24-hr restrike
53	4	19	64	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-08	Test Pile	24" Voided Sq. PPC	CAPWAP	3/10/2010	3/13/2010	72.00	450.9	CAPWAP of 72-hr restrike
54	4	19	66	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-08	Test Pile	24" Voided Sq. PPC	Static	3/10/2010	3/17/2010	168.00	504.0	Pile did not fail
55	4	19	65	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-08	Test Pile	24" Voided Sq. PPC	CAPWAP	3/10/2010	3/18/2010	192.00	520.7	CAPWAP of 8-day restrike
56	4	20	67	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-09	Test Pile	24" Voided Sq. PPC	CAPWAP	6/1/2009	6/1/2009	0.10	434.8	CAPWAP of EOD
57	4	20	68	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-09	Test Pile	24" Voided Sq. PPC	CAPWAP	6/1/2009	6/1/2009	2.00	534.0	CAPWAP of 2-hr restrike
58	4	20	69	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-09	Test Pile	24" Voided Sq. PPC	CAPWAP	6/1/2009	6/1/2009	4.00	446.3	CAPWAP of 4-hr restrike
59	4	20	70	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-09	Test Pile	24" Voided Sq. PPC	CAPWAP	6/1/2009	6/1/2009	8.00	418.1	CAPWAP of 8-hr restrike
60	4	20	71	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-09	Test Pile	24" Voided Sq. PPC	CAPWAP	6/1/2009	6/2/2009	24.00	464.9	CAPWAP of 24-hr restrike
61	4	20	72	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-09	Test Pile	24" Voided Sq. PPC	CAPWAP	6/1/2009	6/4/2009	72.00	486.5	CAPWAP of 72-hr restrike
62	4	20	74	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-09	Test Pile	24" Voided Sq. PPC	Static	6/1/2009	6/8/2009	168.00	498.0	Pile did not fail
63	4	20	73	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-09	Test Pile	24" Voided Sq. PPC	CAPWAP	6/1/2009	6/9/2009	192.00	520.6	CAPWAP of 8-day restrike
64	4	21	75	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10	Test Pile	24" Voided Sq. PPC	CAPWAP	10/9/2007	10/9/2007	2.00	58.6	CAPWAP of 2-hr restrike
65	4	21	76	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10	Test Pile	24" Voided Sq. PPC	CAPWAP	10/9/2007	10/9/2007	4.00	82.7	CAPWAP of 4-hr restrike
66	4	21	77	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10	Test Pile	24" Voided Sq. PPC	CAPWAP	10/9/2007	10/9/2007	7.00	102.2	CAPWAP of 7-hr restrike
67	4	21	78	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10	Test Pile	24" Voided Sq. PPC	CAPWAP	10/9/2007	10/10/2007	24.00	113.7	CAPWAP of 24-hr restrike
68	4	21	79	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10	Test Pile	24" Voided Sq. PPC	CAPWAP	10/9/2007	10/12/2007	72.00	136.9	CAPWAP of 72-hr restrike
69	4	21	81	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10	Test Pile	24" Voided Sq. PPC	Static	10/9/2007	10/15/2007	167.00	180.0	
70	4	21	80	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10	Test Pile	24" Voided Sq. PPC	CAPWAP	10/9/2007	11/28/2007	1200.00	161.4	CAPWAP of 50-day restrike
71	4	22	750	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10.5	Test Pile	24" Voided Sq. PPC	CAPWAP	10/29/2008	10/29/2008	0.10	131.4	CAPWAP of EOD
72	4	22	82	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10.5	Test Pile	24" Voided Sq. PPC	CAPWAP	10/29/2008	10/29/2008	2.00	195.5	CAPWAP of 2-hr restrike
73	4	22	83	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10.5	Test Pile	24" Voided Sq. PPC	CAPWAP	10/29/2008	10/29/2008	4.00	212.4	CAPWAP of 4-hr restrike
74	4	22	84	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10.5	Test Pile	24" Voided Sq. PPC	CAPWAP	10/29/2008	10/29/2008	23.50	255.9	CAPWAP of 24-hr restrike
75	4	22	86	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10.5	Test Pile	24" Voided Sq. PPC	Static	10/29/2008	11/13/2008	360.00	313.5	
76	4	22	85	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	T-10.5	Test Pile	24" Voided Sq. PPC	CAPWAP	10/29/2008	11/20/2008	528.00	340.8	CAPWAP of 22-day restrike
77	5	23	87	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 a	Test Pile	54" Concrete Cylinder	CAPWAP	7/9/2004	7/9/2004	0.10	177.0	
78	5	23	88	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 a	Test Pile	54" Concrete Cylinder	CAPWAP	7/9/2004	7/9/2004	2.00	313.8	
79	5	23	89	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 a	Test Pile	54" Concrete Cylinder	CAPWAP	7/9/2004	7/9/2004	5.00	430.2	
80	5	23	90	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 a	Test Pile	54" Concrete Cylinder	CAPWAP	7/9/2004	7/9/2004	23.00	509.3	
81	5	23	91	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 a	Test Pile	54" Concrete Cylinder	CAPWAP	7/9/2004	7/10/2004	46.00	593.5	
82	5	23	92	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 a	Test Pile	54" Concrete Cylinder	CAPWAP	7/9/2004	7/11/2004	70.00	617.1	
83	5	23	93	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 a	Test Pile	54" Concrete Cylinder	CAPWAP	7/9/2004	7/12/2004	93.00	639.7	
84	5	24	95	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	CAPWAP	7/7/2004	7/7/2004	0.10	43.7	
85	5	24	96	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	CAPWAP	7/7/2004	7/7/2004	2.20	93.5	

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86	5	24	97	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	CAPWAP	7/7/2004	7/7/2004	3.90	118.9	
87	5	24	98	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	CAPWAP	7/7/2004	7/7/2004	6.00	139.2	
88	5	24	99	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	CAPWAP	7/7/2004	7/7/2004	21.60	161.9	
89	5	24	100	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	CAPWAP	7/7/2004	7/9/2004	56.00	169.0	
90	5	24	101	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	CAPWAP	7/7/2004	7/10/2004	76.90	191.9	
91	5	24	102	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	CAPWAP	7/7/2004	7/11/2004	96.90	201.8	
92	5	24	103	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-02 b	Test Pile	16" Solid Sq. PPC	Static	7/7/2004	7/14/2004	168.00	213.5	Static load test curve approximated from field notes
93	5	25	104	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 a	Test Pile	54" Concrete Cylinder	CAPWAP	6/6/2004	6/6/2004	0.10	181.2	
94	5	25	105	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 a	Test Pile	54" Concrete Cylinder	CAPWAP	6/6/2004	6/6/2004	2.00	375.7	
95	5	25	106	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 a	Test Pile	54" Concrete Cylinder	CAPWAP	6/6/2004	6/6/2004	3.90	399.9	
96	5	25	107	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 a	Test Pile	54" Concrete Cylinder	CAPWAP	6/6/2004	6/7/2004	24.70	515.2	
97	5	25	108	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 a	Test Pile	54" Concrete Cylinder	CAPWAP	6/6/2004	6/7/2004	44.20	563.7	
98	5	25	109	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 a	Test Pile	54" Concrete Cylinder	CAPWAP	6/6/2004	6/9/2004	72.40	616.6	
99	5	25	110	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 a	Test Pile	54" Concrete Cylinder	CAPWAP	6/6/2004	6/10/2004	117.40	646.8	Unable to locate CAPWAP file
100	5	25	111	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 a	Test Pile	54" Concrete Cylinder	CAPWAP	6/6/2004	6/17/2004	287.70	640.6	
101	5	26	113	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 b	Test Pile	30" Voided Sq. PPC	CAPWAP	6/4/2004	6/4/2004	0.10	350.5	
102	5	26	114	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 b	Test Pile	30" Voided Sq. PPC	CAPWAP	6/4/2004	6/4/2004	2.00	435.7	
103	5	26	115	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 b	Test Pile	30" Voided Sq. PPC	CAPWAP	6/4/2004	6/4/2004	23.60	505.6	
104	5	26	116	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 b	Test Pile	30" Voided Sq. PPC	CAPWAP	6/4/2004	6/6/2004	69.20	543.1	
105	5	26	117	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 b	Test Pile	30" Voided Sq. PPC	CAPWAP	6/4/2004	6/10/2004	162.40	578.0	
106	5	26	118	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 b	Test Pile	30" Voided Sq. PPC	Static	6/4/2004	6/17/2004	312.00	826.5	Static load test data points estimated from image of the test curve
107	5	27	119	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 c	Test Pile	30" Steel Pipe	CAPWAP	6/1/2004	6/1/2004	0.10	134.0	
108	5	27	120	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 c	Test Pile	30" Steel Pipe	CAPWAP	6/1/2004	6/1/2004	2.30	308.4	
109	5	27	121	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 c	Test Pile	30" Steel Pipe	CAPWAP	6/1/2004	6/1/2004	4.10	419.4	
110	5	27	122	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 c	Test Pile	30" Steel Pipe	CAPWAP	6/1/2004	6/2/2004	24.10	539.1	
111	5	27	123	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 c	Test Pile	30" Steel Pipe	CAPWAP	6/1/2004	6/3/2004	48.90	548.5	
112	5	27	124	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 c	Test Pile	30" Steel Pipe	CAPWAP	6/1/2004	6/4/2004	76.30	489.1	
113	5	27	125	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 c	Test Pile	30" Steel Pipe	CAPWAP	6/1/2004	6/8/2004	172.50	508.3	
114	5	27	126	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-03 c	Test Pile	30" Steel Pipe	Static	6/1/2004	6/16/2004	360.00	796.0	Static load test data points estimated from image of the test curve
115	5	28	127	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/24/2004	0.10	358.6	
116	5	28	128	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/24/2004	3.10	477.8	
117	5	28	129	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/24/2004	4.40	442.9	
118	5	28	130	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/24/2004	6.60	435.0	
119	5	28	131	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/24/2004	8.40	489.9	
120	5	28	132	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/24/2004	23.70	612.3	
121	5	28	133	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/26/2004	48.20	669.3	
122	5	28	134	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/27/2004	72.30	633.8	
123	5	28	135	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	CAPWAP	7/24/2004	7/27/2004	92.90	781.6	
124	5	28	136	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 a	Test Pile	24" Voided Sq. PPC	Static	7/24/2004	7/30/2004	144.00	828.0	Static load test data and curves could not be located
125	5	29	137	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	CAPWAP	7/27/2004	7/27/2004	0.10	86.7	Start with VUL 020, switch to VUL 025 at EOD
126	5	29	138	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	CAPWAP	7/27/2004	7/27/2004	2.00	221.6	
127	5	29	139	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	CAPWAP	7/27/2004	7/27/2004	3.60	272.9	
128	5	29	140	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	CAPWAP	7/27/2004	7/27/2004	5.80	280.2	

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129	5	29	141	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	CAPWAP	7/27/2004	7/27/2004	20.60	347.0	
130	5	29	142	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	CAPWAP	7/27/2004	7/28/2004	44.90	377.9	
131	5	29	143	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	CAPWAP	7/27/2004	7/29/2004	68.50	395.2	
132	5	29	144	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	CAPWAP	7/27/2004	7/30/2004	89.20	414.0	
133	5	29	145	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-04 b	Test Pile	24" Voided Sq. PPC	Static	7/27/2004	8/2/2004	144.00	445.0	Static load test data points estimated from image of the test curve -- Selected ultimate capacity at load before pile plunge
134	5	30	146	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	0.10	189.1	
135	5	30	147	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	3.20	276.6	
136	5	30	148	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	5.30	281.7	
137	5	30	149	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	7.50	294.3	
138	5	30	150	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	23.60	306.5	
139	5	30	151	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/11/2004	48.10	329.1	
140	5	30	152	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/12/2004	72.00	345.7	
141	5	30	153	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/12/2004	92.20	362.2	
142	5	30	154	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 a	Test Pile	24" Voided Sq. PPC	Static	8/9/2004	8/15/2004	144.00	386.5	Static load test data points estimated from image of the test curve -- Selected ultimate capacity at load before pile plunge
143	5	31	155	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 b	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	0.10	88.7	
144	5	31	156	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 b	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	2.60	170.0	
145	5	31	157	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 b	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	4.20	195.8	
146	5	31	158	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 b	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/9/2004	21.70	277.7	
147	5	31	159	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 b	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/10/2004	46.60	297.0	
148	5	31	160	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 b	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/11/2004	70.00	318.0	
149	5	31	161	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 b	Test Pile	24" Voided Sq. PPC	CAPWAP	8/9/2004	8/12/2004	90.60	329.4	
150	5	31	162	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-05 b	Test Pile	24" Voided Sq. PPC	Static	8/9/2004	8/15/2004	144.00	380.0	Static load test data points estimated from image of the test curve -- Selected ultimate capacity at load before pile plunge
151	4	37	491	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	1A-10	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/11/2010	11/12/2010	20.00	268.4	
152	4	38	482	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	1C-05	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/23/2010	10/25/2010	40.00	303.1	
153	4	39	187	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	1D-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/5/2008	2/6/2008	21.00	420.0	
154	4	40	188	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	1E-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/15/2008	2/16/2008	21.00	139.4	
155	4	41	189	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	1F-08	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/27/2008	2/28/2008	22.00	135.0	
156	4	42	190	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	2-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/12/2008	3/13/2008	20.00	125.6	
157	4	43	191	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	3-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/6/2008	4/7/2008	19.00	117.7	
158	4	44	192	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	4-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/17/2008	4/18/2008	20.00	126.5	
159	4	45	193	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	5-08	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/22/2008	4/23/2008	24.00	169.3	
160	4	46	194	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	6-08	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/29/2008	4/30/2008	22.00	137.8	
161	4	47	195	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	7-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/1/2008	5/2/2008	20.00	161.6	
162	4	48	196	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	8-05	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/8/2008	5/9/2008	20.00	117.8	
163	4	49	197	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	9-08	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/20/2008	5/21/2008	24.00	132.5	
164	4	50	198	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	10-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/28/2008	5/29/2008	22.00	169.9	
165	4	51	199	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	11-06	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/29/2008	5/30/2008	20.00	180.1	
166	4	52	200	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	12-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/3/2008	6/4/2008	20.00	189.0	
167	4	53	201	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	13-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/12/2008	6/16/2008	74.00	257.7	
168	4	54	202	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	14-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/19/2008	6/20/2008	20.00	200.2	
169	4	55	203	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	15-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/10/2008	7/11/2008	20.00	162.5	
170	4	56	204	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	16-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/12/2008	7/14/2008	43.00	142.0	
171	4	57	205	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	17-08	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/18/2008	7/21/2008	52.00	118.5	

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172	4	58	206	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	18-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/23/2008	7/28/2008	112.00	170.8	
173	4	59	207	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	19-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/5/2008	8/6/2008	20.00	137.5	
174	4	60	208	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	20-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/9/2008	8/11/2008	42.00	142.7	
175	4	61	209	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	21-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/16/2008	8/18/2008	45.00	142.9	
176	4	62	210	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	22-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/20/2008	8/21/2008	22.00	165.0	
177	4	63	211	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	23-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/27/2008	8/28/2008	20.00	144.0	
178	4	64	212	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	25-08	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/24/2008	9/25/2008	23.00	207.6	
179	4	65	213	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	26-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/29/2008	9/30/2008	20.00	126.2	
180	4	66	214	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	27-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/1/2008	10/2/2008	21.00	141.7	
181	4	67	215	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	28-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/8/2008	10/10/2008	46.00	130.2	
182	4	68	216	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	29-08	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/14/2008	10/15/2008	20.00	158.4	
183	4	69	217	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	30-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/17/2008	10/18/2008	22.00	158.5	
184	4	70	218	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	31-01	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/12/2008	11/18/2008	122.50	163.5	
185	4	71	219	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	32-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/8/2008	11/10/2008	43.00	117.8	
186	4	72	220	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	33-01	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/19/2008	11/20/2008	20.00	171.9	
187	4	73	221	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	34-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/24/2008	11/25/2008	20.00	108.6	
188	4	74	222	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	35-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/26/2008	12/1/2008	120.00	175.6	
189	4	75	223	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	36-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/3/2008	12/4/2008	20.00	117.6	
190	4	76	224	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	37-01	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/4/2008	12/5/2008	20.00	112.8	
191	4	77	225	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	38-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/9/2008	12/12/2008	64.00	123.8	
192	4	78	226	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	39-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/12/2008	12/13/2008	23.00	118.5	
193	4	79	227	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	40-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/15/2008	12/16/2008	19.00	119.2	
194	4	80	228	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	41-01	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/17/2008	12/18/2008	20.00	110.4	
195	4	81	229	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	42-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/6/2009	1/7/2009	22.50	114.5	
196	4	82	230	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	43-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/7/2009	1/8/2009	24.00	139.1	
197	4	83	231	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	44-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/9/2009	1/10/2009	23.00	115.4	
198	4	84	232	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	45-01	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/10/2009	1/12/2009	25.00	112.0	
199	4	85	233	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	46-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/13/2009	1/14/2009	20.00	153.0	
200	4	86	234	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	47-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/14/2009	1/15/2009	22.00	124.1	
201	4	87	235	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	48-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/16/2009	1/20/2009	94.00	127.5	
202	4	88	236	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	49-06	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/21/2009	1/22/2009	22.00	179.2	
203	4	89	237	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	50-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/24/2009	1/26/2009	45.00	129.0	
204	4	90	238	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	51-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/26/2009	1/27/2009	20.00	146.1	
205	4	91	239	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	52-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/30/2009	1/31/2009	22.00	129.6	
206	4	92	240	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	53-01	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/3/2009	2/4/2009	20.00	107.1	
207	4	93	241	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	54-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/3/2009	2/5/2009	25.00	106.2	
208	4	94	242	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	55-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/6/2009	2/10/2009	92.00	253.6	
209	4	95	243	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	56-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/11/2009	2/12/2009	20.00	269.9	
210	4	96	249	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	62-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/3/2009	3/4/2009	20.50	232.4	
211	4	97	250	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	63-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/5/2009	3/9/2009	75.00	269.1	
212	4	98	251	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	64-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/10/2009	3/11/2009	20.00	227.9	
213	4	99	252	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	65-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/11/2009	3/12/2009	21.00	371.4	
214	4	100	253	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	66-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/17/2009	3/18/2009	20.50	220.7	

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215	4	101	254	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	67-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/19/2009	3/20/2009	20.00	232.9	
216	4	102	255	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	68-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/23/2009	3/24/2009	20.00	232.6	
217	4	103	256	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	69-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/25/2009	3/27/2009	24.50	255.2	
218	4	104	257	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	70-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/3/2009	4/4/2009	23.00	222.5	
219	4	105	258	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	71-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/15/2009	4/16/2009	22.50	233.7	
220	4	106	259	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	72-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/20/2009	4/21/2009	22.00	233.5	
221	4	107	260	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	73-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/22/2009	4/23/2009	21.00	235.5	
222	4	108	261	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	74-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/29/2009	4/30/2009	22.00	214.9	
223	4	109	262	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	75-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/2/2009	5/4/2009	40.00	231.4	
224	4	110	263	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	76-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/5/2009	5/6/2009	20.00	210.6	
225	4	111	264	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	77-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/6/2009	5/7/2009	20.00	225.0	
226	4	112	265	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	78-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/11/2009	5/12/2009	20.00	232.5	
227	4	113	266	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	79-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/15/2009	5/18/2009	61.00	235.0	
228	4	114	267	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	80-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/27/2009	5/28/2009	20.00	232.6	
229	4	115	268	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	81-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/30/2009	5/31/2009	21.00	191.5	
230	4	116	269	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	82-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/12/2009	6/13/2009	20.00	227.3	
231	4	117	270	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	83-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/9/2009	6/10/2009	20.00	218.2	
232	4	118	271	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	84-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/13/2009	6/14/2009	20.00	227.4	
233	4	119	272	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	85-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/15/2009	6/16/2009	20.00	222.5	
234	4	120	273	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	86-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/17/2009	6/18/2009	20.00	234.9	
235	4	121	274	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	87-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/18/2009	6/19/2009	20.00	230.9	
236	4	122	275	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	88-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/22/2009	6/23/2009	20.00	214.5	
237	4	123	276	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	89-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/23/2009	6/24/2009	20.00	264.0	
238	4	124	277	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	90-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/27/2009	6/28/2009	20.00	219.0	
239	4	125	278	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	91-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/29/2009	6/30/2009	20.00	241.5	
240	4	126	279	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	92-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/12/2009	7/13/2009	20.00	220.1	
241	4	127	280	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	93-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/12/2009	7/13/2009	20.00	240.0	
242	4	128	281	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	94-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/12/2009	7/13/2009	21.00	213.7	
243	4	129	282	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	95-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/13/2009	7/14/2009	20.00	229.5	
244	4	130	283	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	96-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/19/2009	7/20/2009	20.00	230.0	
245	4	131	284	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	97-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/20/2009	7/21/2009	20.00	233.5	
246	4	132	285	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	98-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/21/2009	7/22/2009	22.00	257.0	
247	4	133	286	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	99-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/28/2009	7/29/2009	20.00	255.5	
248	4	134	287	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	100-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/29/2009	7/30/2009	20.00	252.0	
249	4	135	288	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	101-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/2/2009	8/3/2009	20.00	224.9	
250	4	136	289	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	102-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/5/2009	8/6/2009	20.00	241.1	
251	4	137	290	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	103-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/7/2009	8/8/2009	20.00	252.7	
252	4	138	291	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	104-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/11/2009	8/12/2009	24.00	237.9	
253	4	139	292	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	105-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/13/2009	8/14/2009	20.00	227.6	
254	4	140	293	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	106-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/17/2009	8/19/2009	38.00	247.5	
255	4	141	294	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	107-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/20/2009	8/21/2009	22.00	252.5	
256	4	142	295	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	108-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/24/2009	8/25/2009	20.00	249.5	
257	4	143	296	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	109-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/25/2009	8/26/2009	20.00	249.5	

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258	4	144	297	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	110-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/27/2009	8/28/2009	20.00	256.9	
259	4	145	298	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	111-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/29/2009	8/30/2009	20.00	274.1	
260	4	146	299	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	112-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/1/2009	9/2/2009	21.00	240.1	
261	4	147	300	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	113-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/2/2009	9/3/2009	20.00	243.0	
262	4	148	301	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	114-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/3/2009	9/4/2009	20.00	239.9	
263	4	149	302	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	115-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/8/2009	9/9/2009	21.00	226.8	
264	4	150	303	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	116-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/17/2009	9/18/2009	23.00	241.6	
265	4	151	304	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	117-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/19/2009	9/20/2009	20.00	239.1	
266	4	152	305	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	118-05	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/21/2009	9/22/2009	20.00	235.2	
267	4	153	306	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	119-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/23/2009	9/24/2009	20.00	240.0	
268	4	154	307	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	120-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/25/2009	9/26/2009	20.00	280.5	
269	4	155	308	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	121-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/28/2009	9/29/2009	20.00	245.6	
270	4	156	309	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	122-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/30/2009	10/1/2009	20.00	231.3	
271	4	157	310	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	123-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/6/2009	10/7/2009	20.00	233.4	
272	4	158	311	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	124-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/7/2009	10/8/2009	24.00	227.5	
273	4	159	312	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	125-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/12/2009	10/13/2009	20.00	242.0	
274	4	160	313	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	126-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/14/2009	10/15/2009	20.00	230.3	
275	4	161	314	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	127-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/18/2009	10/21/2009	68.00	271.2	
276	4	162	315	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	128-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/21/2009	10/23/2009	43.00	247.5	
277	4	163	316	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	129-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/23/2009	10/24/2009	20.00	234.8	
278	4	164	317	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	130-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/26/2009	10/28/2009	42.00	233.9	
279	4	165	318	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	131-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/29/2009	10/30/2009	24.00	275.2	
280	4	166	319	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	132-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/1/2009	11/2/2009	20.00	235.0	
281	4	167	320	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	133-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/2/2009	11/3/2009	20.00	242.6	
282	4	168	321	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	134-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/5/2009	11/6/2009	20.00	255.4	
283	4	169	322	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	135-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/6/2009	11/7/2009	20.00	231.6	
284	4	170	323	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	136-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/12/2009	11/13/2009	20.00	253.5	
285	4	171	324	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	137-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/13/2009	11/14/2009	20.00	233.1	
286	4	172	325	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	138-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/15/2009	11/16/2009	20.00	239.4	
287	4	173	326	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	139-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/17/2009	11/18/2009	20.00	244.8	
288	4	174	327	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	140-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/19/2009	11/20/2009	20.00	293.5	
289	4	175	328	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	141-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/21/2009	11/23/2009	46.00	238.8	
290	4	176	329	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	142-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/29/2009	11/30/2009	20.00	241.0	
291	4	177	330	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	143-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/30/2009	12/2/2009	48.00	274.2	
292	4	178	331	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	144-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/4/2009	12/5/2009	20.00	247.0	
293	4	179	332	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	145-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/5/2009	12/6/2009	21.00	242.5	
294	4	180	333	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	146-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/9/2009	12/10/2009	20.00	209.5	
295	4	181	334	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	147-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/17/2009	12/18/2009	20.00	207.2	
296	4	182	335	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	148-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/21/2009	12/22/2009	20.00	237.8	
297	4	183	336	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	149-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/28/2009	12/29/2009	21.00	248.0	
298	4	184	337	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	150-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/29/2009	12/30/2009	20.00	289.8	
299	4	185	338	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	151-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/7/2010	1/9/2010	48.00	253.0	
300	4	186	339	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	152-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/11/2010	1/12/2010	20.00	246.1	Problems with accelerometers

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301	4	187	340	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	153-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/14/2010	1/15/2010	22.00	260.5	
302	4	188	341	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	154-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/19/2010	1/20/2010	20.00	237.2	
303	4	189	342	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	155-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/22/2010	1/23/2010	20.00	237.6	
304	4	190	343	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	156-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/25/2010	1/26/2010	20.00	234.6	
305	4	191	344	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	157-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/27/2010	1/28/2010	22.00	237.3	
306	4	192	345	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	158-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/28/2010	1/29/2010	20.00	236.4	
307	4	193	346	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	159-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/31/2010	2/1/2010	20.00	235.9	
308	4	194	347	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	160-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/1/2010	2/2/2010	20.00	227.0	
309	4	195	348	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	161-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/2/2010	2/3/2010	24.00	229.3	
310	4	196	349	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	162-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/5/2010	2/8/2010	71.00	237.6	
311	4	197	350	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	163-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/8/2010	2/10/2010	45.00	245.8	
312	4	198	351	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	164-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/13/2010	2/14/2010	21.00	237.5	
313	4	199	352	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	165-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/14/2010	2/17/2010	72.00	240.0	
314	4	200	353	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	166-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/19/2010	2/20/2010	20.00	236.9	
315	4	201	354	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	167-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/20/2010	2/22/2010	40.00	251.3	
316	4	202	355	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	168-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/23/2010	2/24/2010	20.00	250.0	
317	4	203	356	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	169-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/25/2010	2/26/2010	22.00	237.8	
318	4	204	357	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	170-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/28/2010	3/3/2010	64.00	234.0	
319	4	205	358	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	171-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/4/2010	3/5/2010	20.00	238.7	
320	4	206	359	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	172-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/5/2010	3/6/2010	20.00	252.5	
321	4	207	360	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	173-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/7/2010	3/8/2010	24.00	241.9	
322	4	208	361	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	174-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/14/2010	3/15/2010	20.00	287.7	
323	4	209	362	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	175-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/17/2010	3/19/2010	26.00	308.0	
324	4	210	363	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	176-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/19/2010	3/23/2010	87.00	470.5	
325	4	211	364	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	177-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/25/2010	3/26/2010	20.00	296.5	
326	4	212	365	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	178-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/26/2010	3/27/2010	20.00	251.4	
327	4	213	366	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	179-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/27/2010	3/28/2010	20.00	241.1	
328	4	214	367	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	180-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/28/2010	3/29/2010	20.00	310.2	
329	4	215	368	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	181-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/30/2010	3/31/2010	20.00	251.3	
330	4	216	369	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	182-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/31/2010	4/1/2010	20.00	298.6	
331	4	217	370	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	183-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/1/2010	4/2/2010	20.00	343.8	
332	4	218	371	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	184-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/3/2010	4/5/2010	46.00	341.2	
333	4	219	372	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	185-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/5/2010	4/6/2010	20.00	292.5	
334	4	220	373	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	186-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/7/2010	4/8/2010	20.00	303.6	
335	4	221	374	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	187-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/8/2010	4/9/2010	20.00	329.0	
336	4	222	375	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	188-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/9/2010	4/10/2010	24.00	360.4	
337	4	223	376	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	189-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/10/2010	4/12/2010	26.00	361.0	
338	4	224	377	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	190-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/13/2010	4/16/2010	72.00	378.5	
339	4	225	378	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	191-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/16/2010	4/17/2010	20.00	386.6	
340	4	226	379	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	192-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/17/2010	4/18/2010	23.00	358.0	
341	4	227	380	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	193-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/18/2010	4/19/2010	23.00	371.3	
342	4	228	381	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	194-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/19/2010	4/20/2010	21.00	323.6	
343	4	229	382	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	195-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/21/2010	4/22/2010	22.00	327.2	

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344	4	230	383	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	196-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/22/2010	4/25/2010	62.00	331.2	
345	4	231	479	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	290-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/20/2010	10/21/2010	20.00	225.7	
346	4	232	480	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	291-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/21/2010	10/22/2010	20.00	291.8	
347	4	233	481	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	292-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/22/2010	10/23/2010	20.00	239.2	
348	4	234	483	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	293-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/23/2010	10/25/2010	40.00	293.3	
349	4	235	484	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	294-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/25/2010	10/26/2010	20.00	271.0	
350	4	236	485	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	295-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/26/2010	10/27/2010	20.00	236.6	
351	4	237	486	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	296-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/27/2010	10/29/2010	40.00	359.2	
352	4	238	487	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	297-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/29/2010	10/30/2010	20.00	301.0	
353	4	239	488	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	298-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/1/2010	11/3/2010	40.00	273.8	
354	4	240	489	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	299-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/3/2010	11/5/2010	40.00	261.3	
355	4	241	492	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	300-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/17/2010	11/18/2010	23.00	316.3	
356	4	242	490	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	301-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/9/2010	11/10/2010	20.00	291.2	
357	4	243	493	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	302-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/22/2010	11/23/2010	20.00	323.7	
358	4	244	494	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	303-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	11/23/2010	11/24/2010	20.00	335.1	
359	4	245	495	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	304-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/1/2010	12/2/2010	20.00	292.3	
360	4	246	496	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	305-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/2/2010	12/3/2010	21.00	276.5	
361	4	247	497	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	306-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/4/2010	12/6/2010	46.00	250.5	
362	4	248	498	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	307-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/5/2010	12/7/2010	26.00	257.2	
363	4	249	499	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	308-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/7/2010	12/9/2010	46.00	251.4	
364	4	250	500	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	309-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/8/2010	12/9/2010	23.00	279.0	
365	4	254	384	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	197-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/25/2010	4/26/2010	21.00	260.0	
366	4	255	385	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	198-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/26/2010	4/27/2010	20.00	286.1	
367	4	256	386	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	199-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/28/2010	4/29/2010	20.00	236.7	
368	4	257	387	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	200-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/29/2010	5/3/2010	86.00	330.5	
369	4	258	388	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	201-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/3/2010	5/4/2010	20.00	352.0	
370	4	259	389	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	202-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/5/2010	5/6/2010	20.00	225.7	
371	4	260	390	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	203-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/6/2010	5/7/2010	20.00	226.2	
372	4	261	391	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	204-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/6/2010	5/7/2010	23.00	242.2	
373	4	262	392	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	205-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/8/2010	5/10/2010	45.00	250.5	
374	4	263	393	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	206-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/10/2010	5/11/2010	20.00	237.0	
375	4	264	394	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	207-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/12/2010	5/13/2010	20.00	257.0	
376	4	265	395	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	208-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/13/2010	5/14/2010	20.00	232.0	
377	4	266	396	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	209-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/14/2010	5/17/2010	65.00	241.5	
378	4	267	397	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	210-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/17/2010	5/18/2010	20.00	274.5	
379	4	268	398	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	211-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/18/2010	5/19/2010	20.00	374.0	
380	4	269	399	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	212-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/20/2010	5/21/2010	20.00	260.4	
381	4	270	400	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	213-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/22/2010	5/24/2010	45.00	321.0	
382	4	271	401	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	214-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/25/2010	5/26/2010	20.00	268.1	
383	4	272	402	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	215-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/26/2010	5/27/2010	20.00	303.9	
384	4	273	403	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	216-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/27/2010	6/1/2010	110.00	292.0	
385	4	274	404	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	217-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/28/2010	6/1/2010	93.00	262.0	
386	4	275	405	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	218-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/3/2010	6/4/2010	20.00	258.7	

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387	4	276	407	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	219-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/4/2010	6/4/2010	0.01	203.2	CAPWAP performed for a penetration depth of 127 ft
388	4	276	406	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	219-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/4/2010	6/5/2010	20.00	244.4	
389	4	278	408	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	220-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/7/2010	6/8/2010	21.00	328.4	
390	4	279	409	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	221-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/7/2010	6/8/2010	20.00	239.5	
391	4	280	410	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	222-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/7/2010	6/9/2010	28.00	346.9	
392	4	281	411	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	222-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/8/2010	6/11/2010	63.00	308.0	
393	4	282	412	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	223-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/11/2010	6/13/2010	37.00	332.3	
394	4	283	413	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	224-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/13/2010	6/14/2010	20.00	232.7	
395	4	284	414	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	225-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/14/2010	6/15/2010	20.00	282.8	
396	4	285	415	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	226-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/16/2010	6/18/2010	48.00	307.5	
397	4	286	416	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	227-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/17/2010	6/18/2010	22.00	343.9	
398	4	287	417	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	228-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/18/2010	6/19/2010	20.00	252.6	
399	4	288	418	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	229-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/21/2010	6/22/2010	22.00	255.2	
400	4	289	419	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	230-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/21/2010	6/23/2010	42.00	257.7	
401	4	290	420	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	231-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/23/2010	6/24/2010	20.00	299.7	
402	4	291	421	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	232-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/24/2010	6/25/2010	21.00	240.3	
403	4	292	422	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	233-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/25/2010	6/28/2010	63.00	237.6	
404	4	293	423	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	234-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/27/2010	6/30/2010	50.00	244.0	
405	4	294	424	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	235-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/29/2010	7/2/2010	70.00	248.4	
406	4	295	425	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	236-03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/7/2010	7/8/2010	20.00	238.5	
407	4	296	426	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	237-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/8/2010	7/9/2010	20.00	254.9	
408	4	297	427	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	238-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/9/2010	7/10/2010	20.00	335.9	
409	4	298	428	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	239-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/10/2010	7/12/2010	40.00	300.6	
410	4	299	429	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	240-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/12/2010	7/13/2010	20.00	252.0	
411	4	300	430	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	241-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/18/2010	7/19/2010	20.00	238.0	
412	4	301	431	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	242-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/19/2010	7/20/2010	20.00	247.7	
413	4	302	432	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	243-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/20/2010	7/21/2010	20.00	237.5	
414	4	303	433	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	244-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/26/2010	7/27/2010	20.00	280.0	
415	4	304	434	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	245-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/29/2010	7/30/2010	20.00	262.8	
416	4	305	435	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	246-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/31/2010	8/1/2010	20.00	277.9	
417	4	306	436	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	247-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/1/2010	8/2/2010	20.00	274.2	
418	4	307	437	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	248-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/3/2010	8/4/2010	20.00	245.0	
419	4	308	438	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	249-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/4/2010	8/5/2010	20.00	300.1	
420	4	309	439	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	250-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/5/2010	8/6/2010	20.00	238.0	
421	4	310	440	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	251-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/10/2010	8/13/2010	68.00	288.5	
422	4	311	441	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	252-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/16/2010	8/18/2010	42.00	276.0	
423	4	312	442	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	253-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/18/2010	8/19/2010	21.00	272.8	
424	4	313	443	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	254-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/19/2010	8/20/2010	21.00	237.4	
425	4	314	444	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	255-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/20/2010	8/21/2010	20.00	237.2	
426	4	315	445	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	256-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/21/2010	8/23/2010	39.00	265.8	
427	4	316	446	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	257-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/23/2010	8/24/2010	20.00	247.1	
428	4	317	447	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	258-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/24/2010	8/25/2010	20.00	237.4	
429	4	318	448	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	259-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/25/2010	8/27/2010	37.00	307.6	

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430	4	319	449	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	260-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/30/2010	8/31/2010	20.00	337.8	
431	4	320	450	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	261-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/1/2010	9/2/2010	20.00	245.1	
432	4	321	451	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	262-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/2/2010	9/3/2010	20.00	239.6	
433	4	322	452	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	263-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/7/2010	9/8/2010	20.00	238.5	
434	4	323	453	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	264-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/10/2010	9/11/2010	20.00	240.9	
435	4	324	454	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	265-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/12/2010	9/13/2010	20.00	241.5	
436	4	325	455	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	266-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/14/2010	9/15/2010	20.00	271.7	
437	4	326	456	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	267-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/15/2010	9/16/2010	20.00	239.6	
438	4	327	457	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	268-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/16/2010	9/17/2010	20.00	250.8	
439	4	328	458	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	269-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/17/2010	9/18/2010	21.00	237.4	
440	4	329	459	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	270-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/18/2010	9/20/2010	41.00	251.0	
441	4	330	460	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	271-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/20/2010	9/21/2010	21.00	259.3	
442	4	331	461	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	272-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/21/2010	9/22/2010	20.00	247.3	
443	4	332	462	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	273-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/22/2010	9/23/2010	20.00	238.1	
444	4	333	463	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	274-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/23/2010	9/24/2010	20.00	229.2	
445	4	334	464	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	275-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/24/2010	9/27/2010	63.00	296.9	
446	4	335	465	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	276-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/27/2010	9/28/2010	23.00	254.4	
447	4	336	466	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	277-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/28/2010	9/29/2010	20.00	267.3	
448	4	337	467	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	278-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/29/2010	9/30/2010	20.00	260.1	
449	4	338	468	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	279-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/30/2010	10/1/2010	20.00	253.7	
450	4	339	469	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	280-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/1/2010	10/4/2010	65.00	272.9	
451	4	340	470	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	281-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/4/2010	10/5/2010	20.00	277.7	
452	4	341	471	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	282-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/5/2010	10/6/2010	21.00	275.1	
453	4	342	472	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	283-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/6/2010	10/7/2010	20.00	252.6	
454	4	343	473	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	284-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/7/2010	10/8/2010	20.00	237.5	
455	4	344	474	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	285-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/8/2010	10/11/2010	67.00	250.8	
456	4	345	475	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	286-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/11/2010	10/12/2010	20.00	237.5	
457	4	346	476	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	287-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/12/2010	10/13/2010	20.00	246.3	
458	4	347	477	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	288-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/13/2010	10/14/2010	20.00	268.6	
459	4	348	478	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	289-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/18/2010	10/19/2010	20.00	246.6	
460	4	349	501	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	310-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/10/2010	12/15/2010	117.00	349.3	
461	4	350	502	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	311-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/15/2010	12/17/2010	47.00	313.0	
462	4	351	503	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	312-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/16/2010	12/17/2010	22.00	237.3	
463	4	352	504	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	313-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/19/2010	12/20/2010	20.00	248.0	
464	4	353	505	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	314-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/20/2010	12/21/2010	22.00	237.4	
465	4	354	506	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	315-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/21/2010	12/22/2010	20.00	233.4	
466	4	355	507	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	316-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/22/2010	12/23/2010	20.00	237.4	
467	4	356	508	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	317-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/23/2010	12/27/2010	95.00	239.9	
468	4	357	509	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	318-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/27/2010	12/28/2010	20.00	237.5	
469	4	358	510	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	319-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/28/2010	12/29/2010	24.00	237.2	
470	4	359	511	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	320-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	12/30/2010	1/4/2011	118.00	237.6	
471	4	360	512	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	321-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/5/2011	1/6/2011	22.00	238.2	
472	4	361	513	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	322-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/6/2011	1/7/2011	21.00	237.5	

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473	4	362	514	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	323-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/7/2011	1/8/2011	21.00	237.7	
474	4	363	515	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	324-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/8/2011	1/10/2011	41.00	244.7	
475	4	364	516	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	325-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/11/2011	1/12/2011	23.00	240.6	
476	4	365	517	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	326-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/12/2011	1/13/2011	20.00	235.5	
477	4	366	518	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	327-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/14/2011	1/17/2011	70.00	263.7	
478	4	367	519	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	328-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/17/2011	1/18/2011	20.00	265.4	
479	4	368	520	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	329-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/18/2011	1/19/2011	20.00	287.8	
480	4	369	521	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	330-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/19/2011	1/20/2011	20.00	260.0	
481	4	370	522	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	331-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/22/2011	1/23/2011	20.00	235.5	
482	4	371	523	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	332-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/23/2011	1/24/2011	20.00	256.3	
483	4	372	524	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	333-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/24/2011	1/25/2011	21.00	227.1	
484	4	373	525	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	334-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/25/2011	1/26/2011	20.00	301.9	
485	4	374	526	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	335-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/26/2011	1/27/2011	20.00	256.7	
486	4	375	527	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	336-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/27/2011	1/28/2011	20.00	237.6	
487	4	376	528	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	337-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/28/2011	1/29/2011	20.00	244.5	
488	4	377	529	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	338-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	1/31/2011	2/1/2011	20.00	239.2	
489	4	378	530	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	339-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/3/2011	2/7/2011	90.00	246.2	
490	4	379	531	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	340-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/8/2011	2/9/2011	20.00	237.5	
491	4	380	532	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	341-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/9/2011	2/11/2011	44.00	247.3	
492	4	381	533	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	342-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/19/2011	2/20/2011	20.00	275.0	
493	4	382	534	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	343-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/20/2011	2/21/2011	20.00	239.6	
494	4	383	535	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	344-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/21/2011	2/23/2011	29.00	292.8	
495	4	384	536	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	345-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/22/2011	2/23/2011	21.00	237.5	
496	4	385	537	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	346-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/23/2011	2/24/2011	24.00	272.2	
497	4	386	538	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	347-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/24/2011	2/26/2011	45.00	239.7	
498	4	387	539	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	348-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/25/2011	2/26/2011	23.00	248.1	
499	4	388	540	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	349-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	2/28/2011	3/1/2011	21.00	241.3	
500	4	389	541	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	350-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/1/2011	3/2/2011	20.00	237.5	
501	4	390	542	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	351-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/2/2011	3/3/2011	21.00	237.5	
502	4	391	543	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	352-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/4/2011	3/10/2011	144.00	238.8	
503	4	392	544	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	353-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/10/2011	3/11/2011	20.00	233.6	
504	4	393	545	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	354-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/11/2011	3/12/2011	21.00	242.1	
505	4	394	546	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	355-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/12/2011	3/13/2011	22.00	241.2	
506	4	395	547	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	356-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/13/2011	3/14/2011	20.00	233.1	
507	4	396	548	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	357-01	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/16/2011	3/17/2011	20.00	250.5	
508	4	397	549	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	358-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/17/2011	3/19/2011	45.00	268.0	
509	4	398	550	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	359-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/17/2011	3/19/2011	27.00	286.5	
510	4	399	551	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	360-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/19/2011	3/20/2011	21.00	245.0	
511	4	400	552	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	361-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/20/2011	3/21/2011	21.00	240.0	
512	4	401	553	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	362-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/21/2011	3/22/2011	21.00	254.0	
513	4	402	554	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	363-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/22/2011	3/23/2011	22.00	237.0	
514	4	403	555	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	364-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/23/2011	3/24/2011	20.00	249.0	
515	4	404	556	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	365-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/24/2011	3/25/2011	20.00	237.0	

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516	4	405	557	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	366-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/25/2011	3/28/2011	65.00	237.5	
517	4	406	558	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	367-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/28/2011	3/29/2011	20.00	237.5	
518	4	407	559	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	368-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/29/2011	3/31/2011	40.00	252.5	
519	4	408	560	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	369-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	3/31/2011	4/1/2011	20.00	233.5	
520	4	409	561	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	370-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/1/2011	4/2/2011	20.00	237.6	
521	4	410	562	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	371-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/2/2011	4/6/2011	91.00	237.0	
522	4	411	563	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	372-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/6/2011	4/7/2011	20.00	237.0	
523	4	412	564	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	373-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/7/2011	4/8/2011	20.00	237.5	
524	4	413	565	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	374-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/8/2011	4/9/2011	20.00	247.8	
525	4	414	566	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	375-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/9/2011	4/12/2011	64.00	238.0	
526	4	415	567	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	376-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/12/2011	4/13/2011	20.00	243.5	
527	4	416	568	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	377-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/13/2011	4/14/2011	22.00	237.5	
528	4	417	569	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	378-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/14/2011	4/17/2011	62.00	237.5	
529	4	418	570	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	379-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/17/2011	4/18/2011	21.00	237.5	
530	4	419	571	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	380-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/19/2011	4/20/2011	23.00	236.9	
531	4	420	572	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	381-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/20/2011	4/25/2011	120.00	246.3	
532	4	421	573	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	382-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/26/2011	4/28/2011	46.00	243.7	
533	4	422	574	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	383-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/29/2011	4/30/2011	20.00	243.8	
534	4	423	575	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	384-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	4/30/2011	5/1/2011	20.00	228.0	
535	4	424	576	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	385-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/1/2011	5/2/2011	22.00	237.4	
536	4	425	577	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	386-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/2/2011	5/3/2011	20.00	237.5	
537	4	426	578	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	387-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/3/2011	5/5/2011	45.00	235.5	
538	4	427	579	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	388-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/5/2011	5/6/2011	21.00	237.5	
539	4	428	580	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	389-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/6/2011	5/7/2011	20.00	236.5	
540	4	429	581	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	390-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/8/2011	5/10/2011	25.00	238.0	
541	4	430	582	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	391-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/9/2011	5/10/2011	20.00	237.5	
542	4	431	583	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	392-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/10/2011	5/11/2011	21.00	225.0	
543	4	432	584	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	393-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/11/2011	5/12/2011	21.00	238.0	
544	4	433	585	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	394-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/12/2011	5/16/2011	88.00	237.5	
545	4	434	586	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	395-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/16/2011	5/17/2011	20.00	241.5	
546	4	435	587	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	396-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/17/2011	5/18/2011	20.00	237.0	
547	4	436	588	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	397-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/18/2011	5/19/2011	20.00	236.5	
548	4	437	589	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	398-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/19/2011	5/20/2011	20.00	238.0	
549	4	438	590	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	399-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/20/2011	5/23/2011	66.00	237.0	
550	4	439	591	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	400-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/23/2011	5/25/2011	41.00	237.5	
551	4	440	592	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	401-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/24/2011	5/25/2011	23.00	234.5	
552	4	441	593	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	402-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/25/2011	5/26/2011	20.00	238.0	
553	4	442	594	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	403-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/26/2011	5/27/2011	21.00	237.5	
554	4	443	595	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	404-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/27/2011	5/31/2011	89.00	287.4	
555	4	444	596	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	405-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/31/2011	6/1/2011	20.00	237.7	
556	4	445	597	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	406-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/1/2011	6/2/2011	20.00	268.2	
557	4	446	598	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	407-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/2/2011	6/3/2011	20.00	242.7	
558	4	447	599	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	408-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/3/2011	6/6/2011	65.00	286.1	

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559	4	448	600	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	409-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/4/2011	6/6/2011	44.00	266.6	
560	4	449	601	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	410-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/7/2011	6/8/2011	20.00	238.9	
561	4	450	602	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	411-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/8/2011	6/9/2011	22.00	238.4	
562	4	451	603	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	412-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/9/2011	6/10/2011	20.00	266.5	
563	4	452	604	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	413-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/10/2011	6/13/2011	67.00	252.6	
564	4	453	605	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	414-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/14/2011	6/15/2011	20.00	258.5	
565	4	454	606	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	415-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/15/2011	6/16/2011	20.00	258.2	
566	4	455	607	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	416-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/16/2011	6/17/2011	20.00	236.5	
567	4	456	626	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	417-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/17/2011	6/18/2011	20.00	237.5	
568	4	457	627	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	418-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/18/2011	6/20/2011	42.00	235.0	
569	4	458	628	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	419-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/20/2011	6/21/2011	20.00	237.5	
570	4	459	629	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	420-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/22/2011	6/23/2011	21.00	238.0	
571	4	460	630	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	421-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/23/2011	6/27/2011	92.00	269.5	
572	4	461	631	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	422-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/27/2011	6/28/2011	20.00	237.5	
573	4	462	632	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	423-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/28/2011	6/29/2011	20.00	237.5	
574	4	463	633	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	424-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	6/29/2011	7/5/2011	144.00	257.0	
575	4	464	634	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	425-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/6/2011	7/7/2011	20.00	237.0	
576	4	465	635	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	426-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/7/2011	7/8/2011	20.00	274.5	
577	4	466	636	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	427-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/9/2011	7/11/2011	48.00	237.5	
578	4	467	637	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	428-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/11/2011	7/13/2011	44.00	237.0	
579	4	468	638	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	429-04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/20/2011	7/21/2011	20.00	240.0	
580	4	469	639	H.008142	829-32-0006	LA-1 Phase 1A	Lafourche	LADOTD Database	430-02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	7/25/2011	7/26/2011	21.00	237.0	
581	5	472	647	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-01	Test Pile	24" Voided Sq. PPC	CAPWAP	6/20/2006	6/20/2006	0.10	89.6	
582	5	472	648	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-01	Test Pile	24" Voided Sq. PPC	CAPWAP	6/20/2006	6/20/2006	2.00	164.7	
583	5	472	649	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-01	Test Pile	24" Voided Sq. PPC	CAPWAP	6/20/2006	6/20/2006	4.00	207.3	
584	5	472	650	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-01	Test Pile	24" Voided Sq. PPC	CAPWAP	6/20/2006	6/20/2006	8.00	252.5	
585	5	472	651	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-01	Test Pile	24" Voided Sq. PPC	CAPWAP	6/20/2006	6/21/2006	24.00	280.2	
586	5	472	652	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-01	Test Pile	24" Voided Sq. PPC	CAPWAP	6/20/2006	6/22/2006	48.00	303.5	
587	5	472	653	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-01	Test Pile	24" Voided Sq. PPC	CAPWAP	6/20/2006	6/23/2006	72.00	322.1	
588	5	473	655	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-11	Test Pile	24" Voided Sq. PPC	CAPWAP	6/13/2006	6/13/2006	0.10	71.4	
589	5	473	656	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-11	Test Pile	24" Voided Sq. PPC	CAPWAP	6/13/2006	6/13/2006	2.00	157.2	
590	5	473	657	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-11	Test Pile	24" Voided Sq. PPC	CAPWAP	6/13/2006	6/13/2006	4.00	172.1	
591	5	473	658	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-11	Test Pile	24" Voided Sq. PPC	CAPWAP	6/13/2006	6/13/2006	8.00	212.9	
592	5	473	659	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-11	Test Pile	24" Voided Sq. PPC	CAPWAP	6/13/2006	6/14/2006	24.00	240.1	
593	5	473	608	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-11	Test Pile	24" Voided Sq. PPC	CAPWAP	6/13/2006	6/15/2006	48.00	269.6	
594	5	473	609	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-11	Test Pile	24" Voided Sq. PPC	CAPWAP	6/13/2006	6/16/2006	72.00	285.5	
595	5	473	610	H.001473	829-32-0001	LA-1 Phase 1B	Lafourche	LADOTD Database	T-11	Test Pile	24" Voided Sq. PPC	CAPWAP	6/13/2006	6/22/2006	216.00	351.0	
596	1	490	712	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	1/20/2010	1/20/2010	0.10	108.0	CAPWAP of EOD
597	1	490	713	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	1/20/2010	1/20/2010	1.00	145.0	CAPWAP of 1-hr restrike
598	1	490	714	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	1/20/2010	1/25/2010	120.00	338.0	CAPWAP of 5-day restrike
599	1	490	716	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	Static	1/20/2010	2/10/2010	504.00	551.0	Selected ultimate capacity at load before pile plunge
600	1	490	715	H.001436	064-01-0041	Caminada Bay Bridge	Jefferson	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	1/20/2010	2/11/2010	528.00	525.0	CAPWAP of 22-da restrike (after load test)
601	116	661	772	H.000000	857-66-0002	Pecan Island, LA 3147	Vermilion	FHWA Database (1998)	TP2	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	105.0	Selected ultimate capacity at load before pile plunge

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602	64	714	824	H.000000	424-05-0087	Bayou Ramos Bridge, US 90	St. Mary	FHWA Database (1998)	92 TP2	Test Pile	30" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	517.5	Used ID lookup for hammer
603	64	716	826	H.000000	424-05-0087	Bayou Ramos Bridge, US 90	St. Mary	FHWA Database (1998)	TP3	Test Pile	30" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	481.5	
604	64	717	827	H.000000	424-05-0087	Bayou Ramos Bridge, US 90	St. Mary	FHWA Database (1998)	TP6	Test Pile	30" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	450.0	Pile did not fail
605	64	718	828	H.000000	424-05-0087	Bayou Ramos Bridge, US 90	St. Mary	FHWA Database (1998)	TP5	Test Pile	30" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	564.0	
606	64	719	829	H.000000	424-05-0087	Bayou Ramos Bridge, US 90	St. Mary	FHWA Database (1998)	TP7	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	111.0	
607	198	745	858	H.000000	845-07-0011	Bayou Gauche Paradis Highway, LA 306	St. Charles	FHWA Database (1998)	TP2	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	150.0	Pile did not fail
608	239	786	901	H.000000	713-49-0066	Parish Road No. 617 Bridge	Lafourche	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	87.5	Pile did not fail
609	241	788	903	H.000000	284-01-0013	LA 46 Bridge	St. Bernard	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	143.0	Pile did not fail
610	243	790	905	H.000000	713-48-0091	Bridge Over Drainage Canal	Plaquemines	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	82.5	Pile did not fail
611	293	914	1099	H.000000	239-01-0077	Intracoastal Waterway Bridge	St. Mary	LTRC No. 14-1GT	TP1	Test Pile	30" Steel Pipe	CAPWAP	8/9/2000	8/9/2000	0.08	212.1	CAPWAP of EOD
612	293	914	1098	H.000000	239-01-0077	Intracoastal Waterway Bridge	St. Mary	LTRC No. 14-1GT	TP1	Test Pile	30" Steel Pipe	CAPWAP	8/9/2000	8/10/2000	24.00	401.3	CAPWAP of 24hr RS
613	293	915	1095	H.000000	239-01-0077	Intracoastal Waterway Bridge	St. Mary	LTRC No. 14-1GT	TP2	Test Pile	18" Solid Sq. PPC	CAPWAP	8/10/2000	8/10/2000	0.08	60.3	CAPWAP of EOD
614	293	915	1097	H.000000	239-01-0077	Intracoastal Waterway Bridge	St. Mary	LTRC No. 14-1GT	TP2	Test Pile	18" Solid Sq. PPC	CAPWAP	8/10/2000	8/11/2000	24.00	188.8	CAPWAP of 24hr RS
615	340	1018	1167	H.000000	000-00-0001	Tiger Bayou Bridge	Terrebonne	LTRC No. 14-1GT	IND1	Indicator Pile	12" Solid Sq. PPC	CAPWAP	8/2/1995	8/2/1995	0.08	174.2	CAPWAP of EOID
616	438	1036	1190	H.002215	240-03-0027	Weeks Island Bridges	Iberia	LADOTD Database	Patout-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/25/2010	2/25/2010	0.01	45.6	CAPWAP of EOD
617	438	1036	1193	H.002215	240-03-0027	Weeks Island Bridges	Iberia	LADOTD Database	Patout-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/25/2010	2/26/2010	24.00	78.8	
618	438	1036	1188	H.002215	240-03-0027	Weeks Island Bridges	Iberia	LADOTD Database	Patout-1	Test Pile	16" Solid Sq. PPC	Static	2/25/2010	3/15/2010	432.00	83.0	Selected ultimate capacity at load before pile plunge
619	438	1036	1192	H.002215	240-03-0027	Weeks Island Bridges	Iberia	LADOTD Database	Patout-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/25/2010	3/19/2010	528.00	106.3	
620	445	1052	1252	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	2/21/2005	2/21/2005	0.01	495.9	CAPWAP by GRL
621	445	1052	1253	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	2/21/2005	2/21/2005	0.01	453.1	CAPWAP by GRL
622	445	1052	1243	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	2/21/2005	2/21/2005	0.01	391.1	CAPWAP by GRL
623	445	1052	1251	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	2/21/2005	2/22/2005	24.00	581.6	CAPWAP by GRL
624	445	1052	1250	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	Static	2/21/2005	3/7/2005	336.00	585.0	Pile did not fail
625	445	1053	1256	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	Bent 5 MP	Indicator Pile	16" Solid Sq. PPC	CAPWAP	10/9/2014	10/13/2014	96.00	192.0	
626	445	1054	1248	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-02	Test Pile	66" Concrete Cylinder	CAPWAP	3/30/2005	3/30/2005	0.01	856.0	CAPWAP by GRL
627	445	1054	1247	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-02	Test Pile	66" Concrete Cylinder	CAPWAP	3/30/2005	4/1/2005	48.00	622.5	CAPWAP by GRL
628	445	1055	1244	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-03	Test Pile	66" Concrete Cylinder	CAPWAP	4/26/2005	4/26/2005	0.01	350.0	CAPWAP by GRL
629	445	1055	1254	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-03	Test Pile	66" Concrete Cylinder	CAPWAP	4/26/2005	4/27/2005	24.00	1015.0	CAPWAP by GRL. Stroke estimated from PDA record with similar EMX.
630	445	1056	1242	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-04	Test Pile	66" Concrete Cylinder	CAPWAP	4/25/2005	4/25/2005	0.01	353.0	CAPWAP by GRL
631	445	1056	1240	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-04	Test Pile	66" Concrete Cylinder	CAPWAP	4/25/2005	4/27/2005	48.00	1058.0	CAPWAP by GRL
632	445	1056	1249	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-04	Test Pile	66" Concrete Cylinder	CAPWAP	4/25/2005	6/6/2005	1008.00	1504.6	CAPWAP by GRL
633	445	1057	1239	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-05	Test Pile	30" Voided Sq. PPC	CAPWAP	12/13/2005	12/13/2005	0.01	560.0	CAPWAP by GRL
634	445	1057	1238	H.000268	006-05-0076	Rigolets Pass Bridge & Approaches	Orleans	LADOTD Database	TP-05	Test Pile	30" Voided Sq. PPC	CAPWAP	12/13/2005	12/14/2005	24.00	620.7	CAPWAP by GRL
635	446	1058	1237	H.009309	000-00-0000	Summit Blvd.	St. Tammany	LADOTD Database	IP-01	Indicator Pile	66" Concrete Cylinder	CAPWAP	5/2/2005	5/2/2005	0.01	300.0	CAPWAP by GRL
636	446	1058	1236	H.009309	000-00-0000	Summit Blvd.	St. Tammany	LADOTD Database	IP-01	Indicator Pile	66" Concrete Cylinder	CAPWAP	5/2/2005	5/3/2005	24.00	748.0	CAPWAP by GRL. Could not find CAPWAP data.
637	447	1060	1274	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-01	Test Pile	36" Voided Sq. PPC	CAPWAP	8/21/2006	8/21/2006	0.01	226.6	EOD. CAPWAP by Fugro.
638	447	1060	1269	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-01	Test Pile	36" Voided Sq. PPC	CAPWAP	8/21/2006	8/21/2006	0.01	168.8	Set Check 1. CAPWAP by Fugro.
639	447	1060	1277	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-01	Test Pile	36" Voided Sq. PPC	CAPWAP	8/21/2006	8/21/2006	0.01	190.0	Set Check 2. CAPWAP by Fugro
640	447	1060	1276	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-01	Test Pile	36" Voided Sq. PPC	CAPWAP	8/21/2006	8/22/2006	24.00	229.1	1-day Restrike. CAPWAP by Fugro.
641	447	1060	1271	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-01	Test Pile	36" Voided Sq. PPC	Static	8/21/2006	9/11/2006	504.00	570.0	Static load testing by Eustis. -- Selected ultimate capacity at load before pile plunge
642	447	1060	1275	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-01	Test Pile	36" Voided Sq. PPC	CAPWAP	8/21/2006	9/12/2006	528.00	638.5	22-day Restrike. CAPWAP by Fugro.
643	447	1060	1272	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-01	Test Pile	36" Voided Sq. PPC	CAPWAP	8/21/2006	9/14/2006	576.00	503.5	24-day Restrike. CAPWAP by Fugro.
644	447	1061	1258	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	10/2/2006	10/2/2006	0.01	206.5	EOD. CAPWAP by Fugro.

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645	447	1061	1278	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	10/2/2006	10/2/2006	0.01	225.0	Set Check 2. CAPWAP by Fugro.
646	447	1061	1268	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	10/2/2006	10/2/2006	0.01	222.0	Set Check 1. CAPWAP by Fugro.
647	447	1061	1267	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	10/2/2006	10/3/2006	24.00	425.0	1-day Restrike. CAPWAP by Fugro.
648	447	1061	1266	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-02	Test Pile	36" Voided Sq. PPC	CAPWAP	10/2/2006	11/18/2006	1128.00	824.5	47-day Restrike. CAPWAP by Fugro.
649	447	1062	1264	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-03	Test Pile	36" Voided Sq. PPC	CAPWAP	9/29/2006	9/29/2006	0.01	188.0	EOD. CAPWAP by Fugro.
650	447	1062	1262	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-03	Test Pile	36" Voided Sq. PPC	CAPWAP	9/29/2006	9/29/2006	0.01	199.0	Set Check 2. CAPWAP by Fugro.
651	447	1062	1263	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-03	Test Pile	36" Voided Sq. PPC	CAPWAP	9/29/2006	9/29/2006	0.01	192.5	Set Check 1. CAPWAP by Fugro.
652	447	1062	1261	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-03	Test Pile	36" Voided Sq. PPC	CAPWAP	9/29/2006	9/30/2006	24.00	348.5	1-day Restrike. CAPWAP by Fugro.
653	447	1062	1273	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-03	Test Pile	36" Voided Sq. PPC	Static	9/29/2006	10/31/2006	768.00	807.5	Static load test by Eustis. -- Selected ultimate capacity at load before pile plunge
654	447	1062	1260	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-03	Test Pile	36" Voided Sq. PPC	CAPWAP	9/29/2006	11/1/2006	792.00	807.0	33-day Restrike. CAPWAP by Fugro.
655	447	1062	1259	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-03	Test Pile	36" Voided Sq. PPC	CAPWAP	9/29/2006	11/3/2006	840.00	801.5	35-day Restrike. CAPWAP by Fugro.
656	447	1063	1294	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-04	Test Pile	36" Voided Sq. PPC	CAPWAP	9/27/2006	9/27/2006	0.01	288.0	EOID
657	447	1063	1295	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-04	Test Pile	36" Voided Sq. PPC	CAPWAP	9/27/2006	9/28/2006	24.00	477.5	BOR-1
658	447	1063	1296	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-04	Test Pile	36" Voided Sq. PPC	CAPWAP	9/27/2006	11/10/2006	1056.00	749.0	BOR-2
659	447	1063	1297	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-04	Test Pile	36" Voided Sq. PPC	CAPWAP	9/27/2006	11/17/2006	1224.00	872.0	BOR-3
660	447	1064	1298	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-05	Test Pile	36" Voided Sq. PPC	CAPWAP	10/9/2006	10/9/2006	0.01	162.5	EOID
661	447	1064	1299	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-05	Test Pile	36" Voided Sq. PPC	CAPWAP	10/9/2006	10/10/2006	24.00	354.5	BOR-1
662	447	1064	1300	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-05	Test Pile	36" Voided Sq. PPC	CAPWAP	10/9/2006	11/7/2006	696.00	566.0	BOR-2
663	447	1066	1301	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-06	Test Pile	36" Voided Sq. PPC	CAPWAP	8/23/2006	8/23/2006	0.01	659.0	EOID
664	447	1066	1302	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-06	Test Pile	36" Voided Sq. PPC	CAPWAP	8/23/2006	8/24/2006	24.00	1008.5	BOR-1
665	447	1066	1303	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-06	Test Pile	36" Voided Sq. PPC	CAPWAP	8/23/2006	9/22/2006	720.00	1153.5	BOR-2
666	447	1070	1304	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-07	Test Pile	36" Voided Sq. PPC	CAPWAP	8/25/2006	8/25/2006	0.01	617.0	EOID
667	447	1070	1305	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-07	Test Pile	36" Voided Sq. PPC	CAPWAP	8/25/2006	8/26/2006	24.00	820.0	BOR-1
668	447	1070	1306	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-07	Test Pile	36" Voided Sq. PPC	CAPWAP	8/25/2006	9/16/2006	528.00	963.0	BOR-2
669	447	1071	1307	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-08	Test Pile	36" Voided Sq. PPC	CAPWAP	8/28/2006	8/28/2006	0.01	235.5	EOID
670	447	1071	1308	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-08	Test Pile	36" Voided Sq. PPC	CAPWAP	8/28/2006	8/29/2006	24.00	577.0	BOR-1
671	447	1071	1309	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	TP-08	Test Pile	36" Voided Sq. PPC	CAPWAP	8/28/2006	9/19/2006	528.00	724.5	BOR-2
672	447	1074	1310	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-01	Indicator Pile	36" Voided Sq. PPC	CAPWAP	11/27/2006	11/27/2006	0.01	639.5	EOID
673	447	1074	1311	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-01	Indicator Pile	36" Voided Sq. PPC	CAPWAP	11/27/2006	11/28/2006	24.00	689.0	BOR-1
674	447	1075	1312	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-02	Indicator Pile	36" Voided Sq. PPC	CAPWAP	11/21/2006	11/21/2006	0.01	734.5	EOID
675	447	1075	1313	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-02	Indicator Pile	36" Voided Sq. PPC	CAPWAP	11/21/2006	11/22/2006	24.00	818.5	BOR-1
676	447	1076	1314	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-03	Indicator Pile	36" Voided Sq. PPC	CAPWAP	11/4/2006	11/4/2006	0.01	688.0	EOID
677	447	1076	1315	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-03	Indicator Pile	36" Voided Sq. PPC	CAPWAP	11/4/2006	11/6/2006	48.00	721.5	BOR-1
678	447	1077	1316	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-04	Indicator Pile	36" Voided Sq. PPC	CAPWAP	9/25/2006	9/25/2006	0.01	648.5	EOID
679	447	1077	1317	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-04	Indicator Pile	36" Voided Sq. PPC	CAPWAP	9/25/2006	9/26/2006	24.00	705.5	BOR-1
680	447	1078	1318	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-05	Indicator Pile	36" Voided Sq. PPC	CAPWAP	10/4/2006	10/4/2006	0.01	771.5	EOID
681	447	1078	1319	H.003090	450-17-0028	I-10 Bridge over Lake Pontchartrain (Twin Spans)	Orleans	LADOTD Database	IP-05	Indicator Pile	36" Voided Sq. PPC	CAPWAP	10/4/2006	10/5/2006	24.00	830.0	BOR-1
682	6	32	163	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-1	Test Pile	30" Voided Sq. PPC	CAPWAP	10/4/2012	10/4/2012	0.01	180.0	CAPWAP of EOD
683	6	32	165	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-1	Test Pile	30" Voided Sq. PPC	CAPWAP	10/4/2012	10/4/2012	0.43	184.9	CAPWAP of 26-min restrike
684	6	32	167	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-1	Test Pile	30" Voided Sq. PPC	CAPWAP	10/4/2012	10/4/2012	22.00	213.4	CAPWAP of 22-hr restrike
685	6	32	169	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-1	Test Pile	30" Voided Sq. PPC	Static	10/4/2012	10/16/2012	295.68	225.0	1st instrumented static load test -- Selected ultimate capacity at load before pile plunge
686	6	32	170	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-1	Test Pile	30" Voided Sq. PPC	Static	10/4/2012	11/25/2012	1255.68	260.0	2nd instrumented static load test
687	6	33	178	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-2	Test Pile	30" Voided Sq. PPC	CAPWAP	8/22/2012	8/22/2012	0.01	220.8	CAPWAP of EOD

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688	6	33	179	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-2	Test Pile	30" Voided Sq. PPC	CAPWAP	8/22/2012	8/22/2012	0.25	236.8	CAPWAP of 15-min restrike
689	6	33	180	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-2	Test Pile	30" Voided Sq. PPC	CAPWAP	8/22/2012	8/22/2012	22.00	329.7	CAPWAP of 22-hr restrike
690	6	33	181	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-2	Test Pile	30" Voided Sq. PPC	CAPWAP	8/22/2012	9/13/2012	537.17	374.3	CAPWAP of 22-day restrike
691	6	33	182	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-2	Test Pile	30" Voided Sq. PPC	Static	8/22/2012	9/29/2012	921.17	380.0	
692	6	34	171	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-3	Test Pile	30" Voided Sq. PPC	CAPWAP	9/18/2012	9/18/2012	0.01	246.6	CAPWAP of EOD
693	6	34	173	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-3	Test Pile	30" Voided Sq. PPC	CAPWAP	9/18/2012	9/18/2012	2.13	278.3	CAPWAP of 2-hr restrike
694	6	34	175	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-3	Test Pile	30" Voided Sq. PPC	CAPWAP	9/18/2012	9/18/2012	23.82	337.4	CAPWAP of 24-hr restrike
695	6	34	177	H.002071	196-03-0030	Bayou Lacassine	Calcasieu	LADOTD Database	TP-3	Test Pile	30" Voided Sq. PPC	Static	9/18/2012	10/2/2012	346.52	429.5	
696	7	35	183	H.000498	013-12-0041	US 190: LA22 to Lonesome Road	St. Tammany	LADOTD Database	TP-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/25/2013	2/25/2013	0.01	60.0	CAPWAP of EOD
697	7	35	184	H.000498	013-12-0041	US 190: LA22 to Lonesome Road	St. Tammany	LADOTD Database	TP-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/25/2013	2/26/2013	24.00	112.2	CAPWAP of 24-hr restrike
698	7	35	644	H.000498	013-12-0041	US 190: LA22 to Lonesome Road	St. Tammany	LADOTD Database	TP-1	Test Pile	16" Solid Sq. PPC	Static	2/25/2013	3/13/2013	384.00	140.0	Pile did not fail
699	7	35	643	H.000498	013-12-0041	US 190: LA22 to Lonesome Road	St. Tammany	LADOTD Database	TP-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/25/2013	3/14/2013	408.00	168.2	CAPWAP of 17-day restrike
700	11	251	678	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-04	Test Pile	24" Voided Sq. PPC	CAPWAP	4/23/2012	4/23/2012	0.01	157.3	CAPWAP of EOD
701	11	251	679	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-04	Test Pile	24" Voided Sq. PPC	CAPWAP	4/23/2012	4/23/2012	20.38	232.1	
702	11	251	681	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-04	Test Pile	24" Voided Sq. PPC	Static	4/23/2012	5/6/2012	331.93	387.5	
703	11	251	680	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-04	Test Pile	24" Voided Sq. PPC	CAPWAP	4/23/2012	5/7/2012	355.93	295.5	
704	11	476	667	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-01	Test Pile	24" Voided Sq. PPC	CAPWAP	4/30/2012	4/30/2012	0.01	333.6	CAPWAP of EOD
705	11	476	668	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-01	Test Pile	24" Voided Sq. PPC	CAPWAP	4/30/2012	5/1/2012	24.00	368.0	
706	11	476	669	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-01	Test Pile	24" Voided Sq. PPC	Static	4/30/2012	5/16/2012	384.00	459.0	Reaction system failed at 459 tons and 0.52" movement -- Pile did not fail
707	11	477	670	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-02	Test Pile	24" Voided Sq. PPC	CAPWAP	8/15/2012	8/15/2012	0.01	267.3	CAPWAP of EOD
708	11	477	671	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-02	Test Pile	24" Voided Sq. PPC	CAPWAP	8/15/2012	8/16/2012	24.00	333.7	
709	11	477	673	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-02	Test Pile	24" Voided Sq. PPC	Static	8/15/2012	9/23/2012	953.76	436.0	
710	11	477	672	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-02	Test Pile	24" Voided Sq. PPC	CAPWAP	8/15/2012	9/25/2012	984.96	283.7	
711	11	478	674	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	3/14/2012	3/14/2012	0.01	248.1	CAPWAP of EOD
712	11	478	675	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	3/14/2012	3/14/2012	22.38	264.4	
713	11	478	677	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	Static	3/14/2012	4/10/2012	669.05	336.5	
714	11	478	676	H.000426	700-10-0127	Patterson Slough to Morman Slough	Calcasieu	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	3/14/2012	4/11/2012	692.50	276.6	
715	14	480	690	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	4/27/2009	4/27/2009	0.01	346.9	CAPWAP of EOD
716	14	480	691	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	4/27/2009	4/27/2009	20.00	458.1	
717	14	480	693	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	Static	4/27/2009	5/15/2009	432.00	331.0	Pile did not fail
718	14	480	692	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	4/27/2009	5/16/2009	456.00	619.7	
719	14	481	694	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	TP-2	Test Pile	24" Voided Sq. PPC	CAPWAP	4/30/2009	4/30/2009	0.10	484.6	CAPWAP of EOD
720	14	481	695	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	TP-2	Test Pile	24" Voided Sq. PPC	CAPWAP	4/30/2009	5/4/2009	96.00	684.4	
721	14	481	697	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	TP-2	Test Pile	24" Voided Sq. PPC	Static	4/30/2009	5/16/2009	384.00	331.0	Pile did not fail
722	14	481	696	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	TP-2	Test Pile	24" Voided Sq. PPC	CAPWAP	4/30/2009	5/17/2009	408.00	835.7	
723	14	483	699	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	CalcB03-P04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/7/2009	10/7/2009	23.50	390.0	
724	14	484	701	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	CalcB07-P04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	9/4/2009	9/8/2009	96.00	477.3	
725	14	485	703	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	CalcB12-P03	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/29/2009	9/1/2009	72.00	496.4	
726	14	486	706	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	CalcB17-P04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/18/2009	8/18/2009	0.01	282.7	
727	14	486	705	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	CalcB17-P04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/18/2009	8/18/2009	20.00	355.4	
728	14	487	707	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	CalcB18-P04	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/15/2009	8/18/2009	72.00	440.7	CAPWAP performed due to low EOD blow count (from inspector).
729	14	488	708	H.005084	417-01-0016	LA-28 Bridges	Rapides	LADOTD Database	CalcB11-P02	Monitor Pile	24" Voided Sq. PPC	CAPWAP	8/25/2009	9/8/2009	336.00	468.2	CAPWAP performed due to low EOD capacity (from inspector).
730	16	489	711	H.008434	857-02-0006	Maree Michel Canal Bridge	Vermilion	LADOTD Database	TP-01	Test Pile	16" Solid Sq. PPC	CAPWAP	3/20/2014	3/20/2014	0.01	47.2	

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731	16	489	709	H.008434	857-02-0006	Maree Michel Canal Bridge	Vermilion	LADOTD Database	TP-01	Test Pile	16" Solid Sq. PPC	CAPWAP	3/20/2014	3/21/2014	24.00	150.2	
732	16	489	710	H.008434	857-02-0006	Maree Michel Canal Bridge	Vermilion	LADOTD Database	TP-01	Test Pile	16" Solid Sq. PPC	Static	3/20/2014	6/10/2014	1968.00	200.0	
733	16	489	719	H.008434	857-02-0006	Maree Michel Canal Bridge	Vermilion	LADOTD Database	TP-01	Test Pile	16" Solid Sq. PPC	CAPWAP	3/20/2014	6/12/2014	2016.00	198.0	
734	27	500	739	H.002367	260-01-0020	Amite River Relief Bridge LA 42	Ascension	LADOTD Database	Test Pile 1	Test Pile	24" Voided Sq. PPC	Static	10/4/2010	10/18/2010	336.00	415.0	Pile did not fail
735	127	672	783	H.000000	028-04-0017	Bundick Creek Bridge, LA 26	Beauregard	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	142.0	Pile did not fail
736	62	674	785	H.000000	003-07-0016	Bayou and Canal Approaches, US 90	Jefferson Davis	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	118.8	Used ID lookup for hammer -- Pile did not fail
737	127	676	787	H.000000	028-04-0017	Bundick Creek Bridge, LA 26	Beauregard	FHWA Database (1998)	TP3	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	142.5	Pile did not fail
738	99	677	806	H.000000	209-01-0006	LA 101 Bridge	Calcasieu	FHWA Database (1998)	TP1	Test Pile	18" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	102.2	Pile did not fail
739	38	678	788	H.000000	450-91-0025	Southern Pacific Railroad Overpass	Calcasieu	FHWA Database (1998)	TP4	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	125.0	Pile did not fail
740	127	679	789	H.000000	028-04-0017	Bundick Creek Bridge, LA 26	Beauregard	FHWA Database (1998)	TP2	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	142.5	Pile did not fail
741	38	680	790	H.000000	450-91-0025	Southern Pacific Railroad Overpass	Calcasieu	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	137.5	Pile did not fail
742	38	681	791	H.000000	450-91-0025	Southern Pacific Railroad Overpass	Calcasieu	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	130.0	Pile did not fail
743	38	683	792	H.000000	450-91-0025	Southern Pacific Railroad Overpass	Calcasieu	FHWA Database (1998)	TP1	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	92.5	Pile did not fail
744	62	685	794	H.000000	003-07-0016	Bayou and Canal Approaches, US 90	Jefferson Davis	FHWA Database (1998)	TP2	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	118.8	Used ID lookup for hammer -- Pile did not fail
745	199	686	795	H.000000	080-01-0010	Coulee Le des Cannes Bridge, US 167	Vermilion	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	125.0	Pile did not fail
746	142	695	804	H.000000	262-04-0005	West Hog Bridge, LA 16	St. Helena	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	125.0	
747	100	700	811	H.000000	003-08-0006	Mermentau River Bridge, US 90	Jefferson Davis	FHWA Database (1998)	TP1	Test Pile	30" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	288.0	Selected ultimate capacity at load before pile plunge
748	100	701	812	H.000000	003-08-0006	Mermentau River Bridge, US 90	Jefferson Davis	FHWA Database (1998)	TP2	Test Pile	30" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	224.0	Selected ultimate capacity at load before pile plunge
749	51	710	820	H.000000	832-01-0003	Bear Creek Bridge, LA 1036	Livingston	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	95.5	Pile did not fail
750	79	711	821	H.000000	832-01-0003	East Hog Branch, LA 1036	Livingston	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	95.5	Pile did not fail
751	95	712	1288	H.000000	024-01-0034	Southern Pacific Railroad Bridge, US 171	Calcasieu	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	CAPWAP	1/12/2014	1/12/2014	0.01	295.0	End of Driving - inconsistent skin/toe capacity data (145/27.5)
752	95	712	822	H.000000	024-01-0034	Southern Pacific Railroad Bridge, US 171	Calcasieu	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	156.0	Selected ultimate capacity at load before pile plunge
753	104	724	835	H.000000	055-07-0032	Bayou Petite Anse Bridge, LA 14	Iberia	FHWA Database (1998)	TP2	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	107.0	Pile did not fail
754	105	725	836	H.000000	392-01-0014	Drainage Canal Bridges, LA 95	Acadia	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	112.1	Pile did not fail
755	108	728	839	H.000000	801-32-0005	Wikoff Bayou Bridge, LA 1101	Acadia	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	95.5	Pile did not fail
756	98	729	840	H.000000	012-10-0011	Bayou Des Cannes, US 190	St. Landry	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	118.8	Pile did not fail
757	74	734	845	H.000000	386-03-0003	Bayou Mallet Bridge, LA 367	Acadia	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	95.5	Pile did not fail
758	188	735	846	H.000000	742-01-0039	Lee Drive Extension, W Lee Dr	East Baton Rouge	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	82.5	
759	193	740	852	H.000000	714-23-0083	Railroad Overpass, Shattuck Street	Calcasieu	FHWA Database (1998)	TP2	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	283.0	Pile did not fail
760	193	742	855	H.000000	714-23-0083	Railroad Overpass, Shattuck Street	Calcasieu	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	134.0	Pile did not fail
761	208	743	856	H.000000	852-21-0009	Bayou Liberty Bridge and Approaches, LA 433	St. Tammany	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	111.0	Pile did not fail
762	208	744	857	H.000000	852-21-0009	Bayou Liberty Bridge and Approaches, LA 433	St. Tammany	FHWA Database (1998)	TP3	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	111.0	Selected ultimate capacity at load before pile plunge
763	238	751	865	H.000000	013-10-0037	Bogue Falaya Bridge, US 190 (Covington)	St. Mary	FHWA Database (1998)	PA	Test Pile	18" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	180.0	Pile did not fail
764	159	753	867	H.000000	262-06-0009	Killian Branch Bridge, LA 16	St. Helena	FHWA Database (1998)	TP1 B2	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	100.0	Hammer Matched to Pile 842 - Project 94 -- Pile did not fail
765	78	754	868	H.000000	057-06-0020	Reddell-Turkey Creek Bridge, LA 13	Evangeline	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	118.0	
766	78	755	869	H.000000	057-06-0020	Reddell-Turkey Creek Bridge, LA 13	Evangeline	FHWA Database (1998)	TP2	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	63.8	Pile did not fail
767	78	756	870	H.000000	057-06-0020	Reddell-Turkey Creek Bridge, LA 13	Evangeline	FHWA Database (1998)	TP3	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	51.0	Hammer Matched to Pile 755 -- Selected ultimate capacity at load before pile plunge
768	212	759	873	H.000000	504-41-0032	Grand Bayou Reservoir Bridge Alterations, LA 784	Red River	FHWA Database (1998)	TP1	Test Pile	24" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	240.0	Pile did not fail
769	217	764	877	H.000000	024-02-0014	Diamond Gully Bridge, US 171	Calcasieu	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	152.3	Pile did not fail
770	219	766	879	H.000000	253-02-1106	Baton Rouge Bayou Bridge, US 61	East Baton Rouge	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	183.0	Pile did not fail
771	221	768	881	H.000000	060-02-0025	White Bayou Bridge, Lower Zachary Rd	East Baton Rouge	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	108.8	Pile did not fail
772	222	769	882	H.000000	817-08-0021	Hurricane Creek Bridge, LA 946	East Baton Rouge	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	100.5	Pile did not fail
773	223	770	883	H.000000	450-10-0096	I-10 Bridge over LA 3246	East Baton Rouge	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	142.5	Pile did not fail

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774	223	771	884	H.000000	450-10-0096	I-10 Bridge over LA 3246	East Baton Rouge	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	142.5	Pile did not fail
775	225	772	885	H.000000	817-08-0021	Roberts Canal Bridge, LA 946	East Baton Rouge	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	102.3	Pile did not fail
776	226	773	886	H.000000	817-08-0021	Jones Bayou Bridge, LA 946	East Baton Rouge	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	95.5	Pile did not fail
777	227	774	887	H.000000	452-90-0017	Wardline Road Interchange Bridge, LA 3234	Tangipahoa	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	165.0	Pile did not fail
778	235	782	896	H.000000	858-01-0008	Bundick Creek Bridge, LA 1146	Vernon	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	120.5	Pile did not fail
779	236	783	897	H.000000	858-01-0008	Hurricane Creek Bridge, LA 1146	Vernon	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	120.5	Pile did not fail
780	238	785	900	H.000000	013-10-0037	Bogue Falaya Bridge, US 190 (Covington)	St. Mary	FHWA Database (1998)	PB	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	144.0	Selected ultimate capacity at load before pile plunge
781	242	789	904	H.000000	455-01-0030	Coulee Beau Bridge, I-49	Lafayette	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	145.0	Selected ultimate capacity at load before pile plunge
782	246	793	908	H.000000	032-01-0024	Southern Pacific Transportation Co. Underpass	Lafayette	FHWA Database (1998)	TP3	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	125.0	Selected ultimate capacity at load before pile plunge
783	157	798	913	H.000000	055-07-0032	Bayou Poufette Bridge, LA 14	Iberia	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	128.0	Selected ultimate capacity at load before pile plunge
784	56	804	920	H.000000	207-01-0022	Intercoastal Waterway Bridge, LA 82	Vermilion	FHWA Database (1998)	TP4	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	127.5	Pile did not fail
785	56	812	928	H.000000	207-01-0022	Intercoastal Waterway Bridge, LA 82	Vermilion	FHWA Database (1998)	TP5	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	255.0	Pile did not fail
786	56	814	929	H.000000	207-01-0022	Intercoastal Waterway Bridge, LA 82	Vermilion	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	127.5	Pile did not fail
787	56	817	931	H.000000	207-01-0022	Intercoastal Waterway Bridge, LA 82	Vermilion	FHWA Database (1998)	TP1	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	221.3	Pile did not fail
788	81	844	960	H.000000	060-02-0022	White Creek Bridge, LA 67	East Baton Rouge	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	114.5	Used ID lookup for hammer -- Pile did not fail
789	82	845	961	H.000000	255-02-0025	Comite River Bridge, LA 408 (Hooper Rd)	East Baton Rouge	FHWA Database (1998)	TP1	Test Pile	24" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	312.5	Used ID lookup for hammer -- Selected ultimate capacity at load before pile plunge
790	82	846	962	H.000000	255-02-0025	Comite River Bridge, LA 408 (Hooper Rd)	East Baton Rouge	FHWA Database (1998)	TP2	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	172.5	Used ID lookup for hammer -- Pile did not fail
791	85	848	964	H.000000	817-09-0023	North Branch Ward Creek Bridge, LA 426	East Baton Rouge	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	150.0	Used ID lookup for hammer -- Pile did not fail
792	150	850	966	H.000000	257-04-0016	Elbow Bayou Bridge, LA 42	East Baton Rouge	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	108.8	Used ID lookup for hammer -- Pile did not fail
793	139	851	967	H.000000	853-10-0009	Natalbany River Bridge, LA 1040	Tangipahoa	FHWA Database (1998)	TP1	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	180.0	Used ID lookup for hammer -- Pile did not fail
794	153	853	969	H.000000	859-22-0009	Bogue Lusa Creek Bridge, LA 439	Washington	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	180.0	Used ID lookup for hammer -- Pile did not fail
795	170	856	972	H.000000	450-33-0056	I-110 LA 408 Interchange	East Baton Rouge	FHWA Database (1998)	TP4A	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	150.0	Used ID lookup for hammer -- Pile did not fail
796	170	857	973	H.000000	450-33-0056	I-110 LA 408 Interchange	East Baton Rouge	FHWA Database (1998)	TP3A	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	150.0	Used ID lookup for hammer -- Pile did not fail
797	170	858	974	H.000000	450-33-0056	I-110 LA 408 Interchange	East Baton Rouge	FHWA Database (1998)	TP2A	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	150.0	Used ID lookup for hammer -- Pile did not fail
798	249	867	983	H.000000	007-08-0026	Claycut Bayou Bridge, Siegen Ln (LA 3246)	East Baton Rouge	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	107.0	Hammer: BOH 08 -- Pile did not fail
799	254	872	988	H.000000	024-06-0014	Flat Creek Bridge, US 171	Vernon	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	125.0	Used ID lookup for hammer -- Pile did not fail
800	258	875	991	H.000000	281-04-0017	Double Creek Bridge and Approaches, LA 435	St. Tammany	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	108.0	Used ID lookup for hammer
801	277	876	992	H.000000	013-11-0014	Fairway Drive Overpass, US 190	St. Tammany	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	119.0	Used ID lookup for hammer -- Pile did not fail
802	268	886	1002	H.000000	455-05-0033	Alexandria Urban Section	Rapides	FHWA Database (1998)	TP6	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	96.0	Used ID lookup for hammer
803	273	891	1007	H.000000	140-01-0007	Tenmile Creek and Drainage Bridges, LA 113	Vernon	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	124.5	Used ID lookup for hammer -- Pile did not fail
804	273	892	1008	H.000000	140-01-0007	Tenmile Creek and Drainage Bridges, LA 113	Vernon	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	125.0	Used ID lookup for hammer -- Pile did not fail
805	273	893	1009	H.000000	140-01-0007	Tenmile Creek and Drainage Bridges, LA 113	Vernon	FHWA Database (1998)	TP3	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	99.6	Pile did not fail
806	320	919	1048	H.000000	015-04-0038	Indian Creek Bridge	Grant	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	6/26/2005	6/26/2005	0.08	210.7	CAPWAP of INI
807	320	919	1047	H.000000	015-04-0038	Indian Creek Bridge	Grant	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	6/26/2005	6/27/2005	24.00	256.7	CAPWAP of Restrike after 24hr
808	320	920	1046	H.000000	015-04-0038	Indian Creek Bridge	Grant	LTRC No. 14-1GT	TP1 (2)	Test Pile	24" Voided Sq. PPC	CAPWAP	6/6/2005	6/6/2005	0.08	213.4	CAPWAP of INI
809	320	920	1049	H.000000	015-04-0038	Indian Creek Bridge	Grant	LTRC No. 14-1GT	TP1 (2)	Test Pile	24" Voided Sq. PPC	CAPWAP	6/6/2005	6/7/2005	24.00	368.3	CAPWAP of Restrike after 24hr
810	329	925	1057	H.000000	742-17-0150	Central Throughway	East Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	5/19/2008	5/19/2008	0.08	129.0	CAPWAP of INI
811	329	925	1059	H.000000	742-17-0150	Central Throughway	East Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	5/19/2008	5/20/2008	24.00	231.7	CAPWAP of Restrike after 1day
812	329	925	1062	H.000000	742-17-0150	Central Throughway	East Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	5/19/2008	6/6/2008	432.00	309.8	CAPWAP of Restrike after 18 day
813	329	926	1060	H.000000	742-17-0150	Central Throughway	East Baton Rouge	LTRC No. 14-1GT	TP2	Test Pile	30" Voided Sq. PPC	CAPWAP	5/19/2008	5/19/2008	0.08	263.0	CAPWAP of INI
814	329	926	1061	H.000000	742-17-0150	Central Throughway	East Baton Rouge	LTRC No. 14-1GT	TP2	Test Pile	30" Voided Sq. PPC	CAPWAP	5/19/2008	5/20/2008	24.00	129.0	CAPWAP of Restrike after 1day
815	329	926	1058	H.000000	742-17-0150	Central Throughway	East Baton Rouge	LTRC No. 14-1GT	TP2	Test Pile	30" Voided Sq. PPC	CAPWAP	5/19/2008	6/5/2008	408.00	533.9	CAPWAP of Restrike after 17 day
816	332	927	1063	H.000000	262-04-0005	Weiss to Pinegrove LA 16	St. Helena	LTRC No. 14-1GT	TP1	Test Pile	12" Solid Sq. PPC	CAPWAP	11/11/1996	11/11/1996	0.08	112.3	CAPWAP of INI

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817	334	929	1066	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	EB12	Other	16" Solid Sq. PPC	CAPWAP	10/14/2011	10/20/2011	144.33	125.0	CAPWAP OF 5 to 7 days Restrike
818	334	930	1074	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	EB22	Other	30" Solid Sq. PPC	CAPWAP	10/12/2011	10/18/2011	138.07	334.8	CAPWAP OF 5 to 7 days Restrike
819	334	931	1072	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	EP32	Other	30" Solid Sq. PPC	CAPWAP	9/30/2011	10/6/2011	128.78	317.0	CAPWAP OF 5 to 7 days Restrike
820	334	932	1073	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	EB43	Other	30" Solid Sq. PPC	CAPWAP	10/25/2011	10/31/2011	142.85	314.7	CAPWAP OF 5 to 7 days Restrike
821	334	933	1070	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	WB13	Other	16" Solid Sq. PPC	CAPWAP	10/14/2011	10/20/2011	143.97	131.7	CAPWAP OF 5 to 7 days Restrike
822	334	934	1069	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	WP-31-RS	Other	30" Solid Sq. PPC	CAPWAP	9/28/2011	9/28/2011	1.00	151.8	CAPWAP of 30 minutes Restrike
823	334	935	1068	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	WP-31-RS (5days RS)	Other	30" Solid Sq. PPC	CAPWAP	9/27/2011	10/3/2011	137.68	279.0	CAPWAP of 5 to 7 days Restrike
824	334	936	1065	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	WP52	Other	30" Solid Sq. PPC	CAPWAP	10/29/2011	11/4/2011	141.82	147.3	CAPWAP OF 5 to 7 days Restrike
825	334	937	1071	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	EB64	Other	16" Solid Sq. PPC	CAPWAP	11/9/2011	11/14/2011	113.60	147.3	CAPWAP OF 4 to 5 days Restrike
826	334	938	1067	H.000000	450-10-0159	I-10 Widening Project - Siegen Lane to Highland Road	East Baton Rouge	LTRC No. 14-1GT	WB65	Other	16" Solid Sq. PPC	CAPWAP	11/9/2011	11/14/2011	113.95	142.9	CAPWAP OF 4 to 5 days Restrike
827	335	939	1077	H.000000	000-00-0003	Central Throughway-sullivan Bridge	East Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	7/13/2009	7/13/2009	0.08	280.4	CAPWAP of INI
828	335	939	1075	H.000000	000-00-0003	Central Throughway-sullivan Bridge	East Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	7/13/2009	7/15/2009	55.80	379.5	CAPWAP of Restrike after 1day
829	335	939	1076	H.000000	000-00-0003	Central Throughway-sullivan Bridge	East Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	7/13/2009	7/28/2009	369.02	472.8	CAPWAP of Restrike after 15 day
830	339	947	1092	H.000000	742-17-0166	LA 37 @ Central Throughway - Greenwell Springs Road Bridge	East Baton Rouge	LTRC No. 14-1GT	Testpile-EOID	Test Pile	24" Voided Sq. PPC	CAPWAP	5/30/2012	5/30/2012	0.10	200.9	CAPWAP of EOID
831	339	948	1091	H.000000	742-17-0166	LA 37 @ Central Throughway - Greenwell Springs Road Bridge	East Baton Rouge	LTRC No. 14-1GT	Testpile-BOR-1	Test Pile	24" Voided Sq. PPC	CAPWAP	5/30/2012	5/30/2012	0.10	401.8	CAPWAP of -BOR-1 after 16 hours
832	339	949	1093	H.000000	742-17-0166	LA 37 @ Central Throughway - Greenwell Springs Road Bridge	East Baton Rouge	LTRC No. 14-1GT	Testpile-BOR-2	Test Pile	24" Voided Sq. PPC	CAPWAP	5/30/2012	5/31/2012	16.43	492.4	CAPWAP of BOR-2 after 16 days
833	301	1001	1131	H.000000	424-04-0026	US 90 & LA 668 Interchange	Iberia	LTRC No. 14-1GT	TP1	Test Pile	14" Solid Sq. PPC	CAPWAP	8/20/2001	8/20/2001	0.08	22.3	
834	301	1001	1130	H.000000	424-04-0026	US 90 & LA 668 Interchange	Iberia	LTRC No. 14-1GT	TP1	Test Pile	14" Solid Sq. PPC	CAPWAP	8/20/2001	8/21/2001	24.00	89.3	
835	301	1001	1129	H.000000	424-04-0026	US 90 & LA 668 Interchange	Iberia	LTRC No. 14-1GT	TP1	Test Pile	14" Solid Sq. PPC	CAPWAP	8/20/2001	9/5/2001	384.00	91.5	CAPWAP of RSAL
836	304	1004	1136	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	6/6/2002	6/6/2002	0.08	223.2	CAPWAP of EOD
837	304	1004	1138	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	6/6/2002	6/7/2002	24.00	299.1	CAPWAP of Restrike 24hr
838	304	1004	1144	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	6/6/2002	6/24/2002	432.00	312.5	CAPWAP of Restrike 14days
839	304	1005	1140	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	IND1	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2002	6/11/2002	0.01	214.3	CAPWAP of Restrike 24hr
840	304	1005	1139	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	IND1	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2002	6/10/2002	0.01	133.9	CAPWAP of EOD
841	304	1005	1137	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	IND1	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2002	6/25/2002	0.08	245.5	CAPWAP of Restrike 14days
842	304	1006	1143	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	IND2	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2002	6/12/2002	0.01	214.3	CAPWAP of Restrike 24hr
843	304	1006	1142	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	IND2	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2002	6/11/2002	0.01	84.8	CAPWAP of EOD
844	304	1006	1141	H.000000	022-03-0039	Joyce-LasSalle Bridges	Winn	LTRC No. 14-1GT	IND2	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2002	6/25/2002	0.08	154.0	CAPWAP of Restrike 14days
845	307	1009	1151	H.000000	015-04-0037	US 165 @ LA 524	Grant	LTRC No. 14-1GT	IND1	Indicator Pile	24" Solid Sq. PPC	CAPWAP	9/30/2004	9/30/2004	0.08	185.7	CAPWAP of INI
846	309	1013	1158	H.000000	450-05-0034	Louisiana Ave. Overpass	Lafayette	LTRC No. 14-1GT	TP1	Test Pile	14" Solid Sq. PPC	CAPWAP	1/22/2002	1/22/2002	0.08	111.6	CAPWAP-INI
847	309	1013	1155	H.000000	450-05-0034	Louisiana Ave. Overpass	Lafayette	LTRC No. 14-1GT	TP1	Test Pile	14" Solid Sq. PPC	CAPWAP	1/22/2002	1/23/2002	24.00	125.0	CAPWAP-24h RS
848	309	1013	1159	H.000000	450-05-0034	Louisiana Ave. Overpass	Lafayette	LTRC No. 14-1GT	TP1	Test Pile	14" Solid Sq. PPC	CAPWAP	1/22/2002	2/7/2002	384.00	120.5	CAPWAP- 14d RS (16 days after installation)
849	309	1014	1156	H.000000	450-05-0034	Louisiana Ave. Overpass	Lafayette	LTRC No. 14-1GT	TP2	Test Pile	14" Solid Sq. PPC	CAPWAP	1/23/2002	1/23/2002	0.08	111.5	CAPWAP-INI
850	309	1014	1157	H.000000	450-05-0034	Louisiana Ave. Overpass	Lafayette	LTRC No. 14-1GT	TP2	Test Pile	14" Solid Sq. PPC	CAPWAP	1/23/2002	2/7/2002	360.00	152.2	CAPWAP- ALRS (After Load Restrike) (15 days after installation)
851	310	1015	1161	H.000000	003-07-0019	Southern Pacific PR Overpass (Jennings)	Jefferson	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/2/2000	8/2/2000	0.08	67.0	CAPWAP of INI (EOD)
852	310	1015	1162	H.000000	003-07-0019	Southern Pacific PR Overpass (Jennings)	Jefferson	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/2/2000	8/3/2000	24.00	198.7	CAPWAP of 24h RS (BOR)
853	310	1015	1160	H.000000	003-07-0019	Southern Pacific PR Overpass (Jennings)	Jefferson	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/2/2000	8/21/2000	456.00	213.4	CAPWAP of BO2R (2th Restrike)
854	439	1037	1191	H.002442	270-02-0018	Tickfaw River Bridge Near Starns	Livingston	LADOTD Database	Stumpy-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/22/2010	2/22/2010	0.01	72.5	CAPWAP of EOD
855	439	1037	1194	H.002442	270-02-0018	Tickfaw River Bridge Near Starns	Livingston	LADOTD Database	Stumpy-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/22/2010	2/23/2010	24.00	121.2	
856	439	1037	1189	H.002442	270-02-0018	Tickfaw River Bridge Near Starns	Livingston	LADOTD Database	Stumpy-1	Test Pile	16" Solid Sq. PPC	Static	2/22/2010	3/11/2010	408.00	139.0	
857	439	1037	1187	H.002442	270-02-0018	Tickfaw River Bridge Near Starns	Livingston	LADOTD Database	Stumpy-1	Test Pile	16" Solid Sq. PPC	CAPWAP	2/22/2010	3/12/2010	432.00	137.6	
858	439	1038	1195	H.002442	270-02-0018	Tickfaw River Bridge Near Starns	Livingston	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	1/27/2010	1/29/2010	48.00	402.8	
859	439	1038	1200	H.002442	270-02-0018	Tickfaw River Bridge Near Starns	Livingston	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	Static	1/27/2010	2/11/2010	360.00	330.0	Pile did not fail

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860	443	1050	1233	H.005424	852-21-0024	Bayou Liberty Bridge & Approaches	St. Tammany	LADOTD Database	TP-1	Test Pile	14" Solid Sq. PPC	CAPWAP	12/20/2006	12/20/2006	0.01	57.5	CAPWAP by GRL
861	443	1050	1232	H.005424	852-21-0024	Bayou Liberty Bridge & Approaches	St. Tammany	LADOTD Database	TP-1	Test Pile	14" Solid Sq. PPC	CAPWAP	12/20/2006	12/21/2006	24.00	124.0	CAPWAP by GRL
862	443	1050	1234	H.005424	852-21-0024	Bayou Liberty Bridge & Approaches	St. Tammany	LADOTD Database	TP-1	Test Pile	14" Solid Sq. PPC	Static	12/20/2006	1/4/2007	360.00	142.5	
863	444	1051	1257	H.002878	424-04-0034	US 90 at LA 675	Iberia	LADOTD Database	Indicator Pile 1	Indicator Pile	16" Solid Sq. PPC	CAPWAP	8/13/2014	8/13/2014	0.01	387.5	
864	444	1051	1255	H.002878	424-04-0034	US 90 at LA 675	Iberia	LADOTD Database	Indicator Pile 1	Indicator Pile	16" Solid Sq. PPC	CAPWAP	8/13/2014	8/14/2014	24.00	381.0	
865	3	9	642	H.008273	840-43-0001	Fort Buhlow Bridge	Rapides	LADOTD Database	TP-11	Test Pile	30" Voided Sq. PPC	CAPWAP	7/18/2011	7/18/2011	0.10	283.1	CAPWAP of EOD
866	3	9	9	H.008273	840-43-0001	Fort Buhlow Bridge	Rapides	LADOTD Database	TP-11	Test Pile	30" Voided Sq. PPC	CAPWAP	7/18/2011	7/19/2011	24.00	336.9	CAPWAP of 24-hr restrike
867	3	9	8	H.008273	840-43-0001	Fort Buhlow Bridge	Rapides	LADOTD Database	TP-11	Test Pile	30" Voided Sq. PPC	Static	7/18/2011	8/2/2011	360.00	482.5	
868	3	9	10	H.008273	840-43-0001	Fort Buhlow Bridge	Rapides	LADOTD Database	TP-11	Test Pile	30" Voided Sq. PPC	CAPWAP	7/18/2011	8/5/2011	432.00	361.1	
869	15	11	20	H.001120	039-03-0015	LA 8: Ouachita River Bridge (Harrisonburg)	Catahoula	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	1/2/2014	1/2/2014	0.01	78.3	CAPWAP of EOD
870	15	11	18	H.001120	039-03-0015	LA 8: Ouachita River Bridge (Harrisonburg)	Catahoula	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	1/2/2014	1/3/2014	24.00	157.2	CAPWAP of 1-day restrike
871	15	11	21	H.001120	039-03-0015	LA 8: Ouachita River Bridge (Harrisonburg)	Catahoula	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	Static	1/2/2014	1/16/2014	336.00	216.0	
872	15	11	17	H.001120	039-03-0015	LA 8: Ouachita River Bridge (Harrisonburg)	Catahoula	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	1/2/2014	1/22/2014	480.00	97.4	CAPWAP of 20-day restrike (after load test)
873	12	252	682	H.001487	065-06-0040	Grand Bayou Bridge	Lafourche	LADOTD Database	TP-1	Test Pile	18" Solid Sq. PPC	CAPWAP	6/16/2011	6/16/2011	0.01	58.0	CAPWAP of EOD
874	12	252	683	H.001487	065-06-0040	Grand Bayou Bridge	Lafourche	LADOTD Database	TP-1	Test Pile	18" Solid Sq. PPC	CAPWAP	6/16/2011	6/19/2011	93.30	126.8	
875	12	252	684	H.001487	065-06-0040	Grand Bayou Bridge	Lafourche	LADOTD Database	TP-1	Test Pile	18" Solid Sq. PPC	Static	6/16/2011	6/29/2011	334.10	157.5	
876	10	475	663	H.001267	053-02-0032	Bayou Jean DeJean Bridge	Rapides	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	10/10/2012	10/10/2012	0.01	202.9	CAPWAP of EOD
877	10	475	664	H.001267	053-02-0032	Bayou Jean DeJean Bridge	Rapides	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	10/10/2012	10/11/2012	24.00	281.8	CAPWAP of 1-day restrike
878	10	475	666	H.001267	053-02-0032	Bayou Jean DeJean Bridge	Rapides	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	Static	10/10/2012	10/28/2012	432.00	430.0	
879	10	475	665	H.001267	053-02-0032	Bayou Jean DeJean Bridge	Rapides	LADOTD Database	TP-01	Test Pile	30" Voided Sq. PPC	CAPWAP	10/10/2012	11/1/2012	528.00	338.7	CAPWAP of 22-day restrike
880	15	482	718	H.001120	039-03-0015	LA 8: Ouachita River Bridge (Harrisonburg)	Catahoula	LADOTD Database	TP-04	Test Pile	14" Solid Sq. PPC	CAPWAP	1/3/2014	1/6/2014	72.00	87.5	
881	15	482	698	H.001120	039-03-0015	LA 8: Ouachita River Bridge (Harrisonburg)	Catahoula	LADOTD Database	TP-04	Test Pile	14" Solid Sq. PPC	Static	1/3/2014	4/3/2014	2160.00	143.0	
882	15	482	717	H.001120	039-03-0015	LA 8: Ouachita River Bridge (Harrisonburg)	Catahoula	LADOTD Database	TP-04	Test Pile	14" Solid Sq. PPC	CAPWAP	1/3/2014	4/10/2014	2328.00	86.8	
883	18	491	720	H.005683	804-25-0009	Bayou L'Ourse	Assumption	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	6/11/2014	6/11/2014	0.10	48.9	EOID Blow #1078
884	18	491	721	H.005683	804-25-0009	Bayou L'Ourse	Assumption	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	6/11/2014	6/12/2014	24.00	92.8	24 HR RE Blow #88
885	18	491	727	H.005683	804-25-0009	Bayou L'Ourse	Assumption	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	Static	6/11/2014	6/25/2014	336.00	240.5	
886	30	503	742	H.001269	053-03-0037	Old River Bridge at Montrose	Natchitoches	LADOTD Database	Test Pile 1	Test Pile	30" Solid Sq. PPC	CAPWAP	10/28/2010	10/28/2010	0.01	335.0	
887	30	503	743	H.001269	053-03-0037	Old River Bridge at Montrose	Natchitoches	LADOTD Database	Test Pile 1	Test Pile	30" Solid Sq. PPC	CAPWAP	10/28/2010	10/28/2010	22.00	355.0	
888	30	503	745	H.001269	053-03-0037	Old River Bridge at Montrose	Natchitoches	LADOTD Database	Test Pile 1	Test Pile	30" Solid Sq. PPC	Static	10/28/2010	11/11/2010	336.00	409.0	
889	30	503	744	H.001269	053-03-0037	Old River Bridge at Montrose	Natchitoches	LADOTD Database	Test Pile 1	Test Pile	30" Solid Sq. PPC	CAPWAP	10/28/2010	11/16/2010	456.00	354.0	
890	31	504	746	H.003501	455-09-0007	I-49 North (US 71 S to LA 2)	Caddo	LADOTD Database	Test Pile 1	Test Pile	24" Voided Sq. PPC	CAPWAP	5/11/2010	5/11/2010	0.01	360.0	
891	31	504	747	H.003501	455-09-0007	I-49 North (US 71 S to LA 2)	Caddo	LADOTD Database	Test Pile 1	Test Pile	24" Voided Sq. PPC	CAPWAP	5/11/2010	5/12/2010	24.00	357.0	
892	31	504	749	H.003501	455-09-0007	I-49 North (US 71 S to LA 2)	Caddo	LADOTD Database	Test Pile 1	Test Pile	24" Voided Sq. PPC	Static	5/11/2010	6/4/2010	576.00	395.0	Pile did not fail
893	31	504	748	H.003501	455-09-0007	I-49 North (US 71 S to LA 2)	Caddo	LADOTD Database	Test Pile 1	Test Pile	24" Voided Sq. PPC	CAPWAP	5/11/2010	6/4/2010	576.00	392.0	
894	111	522	1283	H.000000	013-01-0024	Missouri Pacific Railroad Overpass, LA 415	East Baton Rouge	FHWA Database (1998)	PA	Test Pile	24" Solid Sq. PPC	CAPWAP	1/12/2014	1/12/2014	0.01	68.0	End of Driving - assumed 0 hours elapsed
895	111	522	1284	H.000000	013-01-0024	Missouri Pacific Railroad Overpass, LA 415	East Baton Rouge	FHWA Database (1998)	PA	Test Pile	24" Solid Sq. PPC	CAPWAP	1/12/2014	1/13/2014	24.00	136.0	Beginning of first redrive - assumed 1 day elapsed
896	111	522	1285	H.000000	013-01-0024	Missouri Pacific Railroad Overpass, LA 415	East Baton Rouge	FHWA Database (1998)	PA	Test Pile	24" Solid Sq. PPC	CAPWAP	1/12/2014	1/26/2014	336.00	175.0	Beginning of second redrive - assumed 14 days elapsed
897	111	522	766	H.000000	013-01-0024	Missouri Pacific Railroad Overpass, LA 415	East Baton Rouge	FHWA Database (1998)	PA	Test Pile	24" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	195.0	
898	167	658	805	H.000000	008-04-0052	Atchafalaya River Bridge, US 190 (Krotz Springs)	St. Landry	FHWA Database (1998)	TP4	Test Pile	30" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	396.6	Pile did not fail
899	167	658	769	H.000000	008-04-0052	Atchafalaya River Bridge, US 190 (Krotz Springs)	St. Landry	FHWA Database (1998)	TP4	Test Pile	30" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	583.0	Pile did not fail
900	46	662	773	H.000000	455-03-0002	Washington-Meeker Highway, I-49	Avoyelles	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	75.0	Hammer Matched to Pile 664 -- Selected ultimate capacity at load before pile plunge
901	61	663	774	H.000000	455-06-0006	I-49 Bridges	Natchitoches	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	69.0	
902	46	664	775	H.000000	455-03-0002	Washington-Meeker Highway, I-49	Avoyelles	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	75.5	Selected ultimate capacity at load before pile plunge

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903	120	665	776	H.000000	178-01-0025	Channel Bridge and Approaches, LA 129	Concordia	FHWA Database (1998)	TP1	Test Pile	18" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	187.5	Pile did not fail
904	121	666	777	H.000000	455-04-0005	Washington-Meeker Highway, I-49	Avoyelles	FHWA Database (1998)	TP3	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	156.5	
905	121	667	778	H.000000	455-04-0005	Washington-Meeker Highway, I-49	Avoyelles	FHWA Database (1998)	TP4	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	219.0	Hammer Matched to Pile 666
906	124	669	780	H.000000	455-03-0004	Washington-Meeker Highway, I-49	Avoyelles	FHWA Database (1998)	TP33	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	97.0	
907	125	670	781	H.000000	713-44-0018	Bayou De Glaises Diversion Channel Bridge	Avoyelles	FHWA Database (1998)	PA	Test Pile	18" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	86.8	Pile did not fail
908	126	671	782	H.000000	008-07-0018	Missouri Pacific Railroad Overpass, US 71 (Bunkie)	Avoyelles	FHWA Database (1998)	TP1	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	275.0	Pile did not fail
909	61	684	793	H.000000	455-06-0006	I-49 Bridges	Natchitoches	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	115.0	Pile did not fail
910	49	688	797	H.000000	426-31-0002	Sunshine Bridge	St. James	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	120.5	Selected ultimate capacity at load before pile plunge
911	117	689	798	H.000000	434-02-0001	Mississippi River Bridge in Gramercy	St. James	FHWA Database (1998)	TP S-1	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	375.0	Pile did not fail
912	137	690	799	H.000000	050-06-0037	Bayou la Butte, LA 1	Iberville	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	72.5	
913	117	692	801	H.000000	434-02-0001	Mississippi River Bridge in Gramercy	St. James	FHWA Database (1998)	TP P-4	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	450.0	Selected ultimate capacity at load before pile plunge
914	117	693	802	H.000000	434-02-0001	Mississippi River Bridge in Gramercy	St. James	FHWA Database (1998)	TP P-1	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	450.0	Pile did not fail
915	141	694	803	H.000000	847-02-0018	LA 641 Bridge	St. James	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	111.5	Pile did not fail
916	113	696	807	H.000000	455-02-0004	Washington-Meeker Highway, I-49	St. Landry	FHWA Database (1998)	TP2	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	209.0	Hammer Matched to Pile 822
917	45	709	819	H.000000	050-05-0015	Rocky and Ascension Canal Bridges, LA 1	Ascension	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	107.5	
918	96	713	823	H.000000	424-05-0087	Texas Gas Pipeline Bridge, US 90	St. Mary	FHWA Database (1998)	92 TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	105.0	Used ID lookup for hammer -- Pile did not fail
919	63	715	825	H.000000	424-05-0087	Roderick Street Bridge, US 90	St. Mary	FHWA Database (1998)	91 TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	112.5	Pile did not fail
920	69	721	832	H.000000	424-05-0078	Bayou Boeuf Bridge Main Span, US 90	St. Mary	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	165.0	Used ID lookup for hammer -- Selected ultimate capacity at load before pile plunge
921	70	722	1286	H.000000	424-05-0081	Bayou Boeuf Bridge West Approach, US 90	St. Mary	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	CAPWAP	1/12/2014	1/13/2014	24.00	113.5	Beginning of first redrive
922	70	722	833	H.000000	424-05-0081	Bayou Boeuf Bridge West Approach, US 90	St. Mary	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	115.0	Selected ultimate capacity at load before pile plunge
923	70	723	1287	H.000000	424-05-0081	Bayou Boeuf Bridge West Approach, US 90	St. Mary	FHWA Database (1998)	TP4	Test Pile	16" Solid Sq. PPC	CAPWAP	1/12/2014	1/13/2014	24.00	96.0	Beginning of first redrive
924	70	723	834	H.000000	424-05-0081	Bayou Boeuf Bridge West Approach, US 90	St. Mary	FHWA Database (1998)	TP4	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	100.0	Hammer Matched to Pile 722 -- Selected ultimate capacity at load before pile plunge
925	71	726	837	H.000000	424-07-0013	US 90 Bridge over LA 24	Terrebonne	FHWA Database (1998)	TP2	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	261.5	Selected ultimate capacity at load before pile plunge
926	107	727	838	H.000000	424-07-0011	US 90 Bridge over LA 316	Terrebonne	FHWA Database (1998)	TP3	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	147.5	Selected ultimate capacity at load before pile plunge
927	71	730	841	H.000000	424-07-0013	US 90 Bridge over LA 24	Terrebonne	FHWA Database (1998)	TP5	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	227.4	Pile did not fail
928	71	731	842	H.000000	424-07-0013	US 90 Bridge over LA 24	Terrebonne	FHWA Database (1998)	TP1	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	143.0	Selected ultimate capacity at load before pile plunge
929	140	736	847	H.000000	855-14-0007	Interacoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	123.5	
930	190	737	849	H.000000	855-14-0006	Intracoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	143.2	Pile did not fail
931	190	737	848	H.000000	855-14-0006	Intracoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	71.5	Selected ultimate capacity at load before pile plunge
932	190	738	850	H.000000	855-14-0006	Intracoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	136.0	
933	140	739	851	H.000000	855-14-0007	Interacoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	119.5	
934	190	741	853	H.000000	855-14-0006	Intracoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	59.5	Selected ultimate capacity at load before pile plunge
935	190	741	854	H.000000	855-14-0006	Intracoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	148.3	Pile did not fail
936	140	746	859	H.000000	855-14-0007	Interacoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP4	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	149.3	Pile did not fail
937	69	747	1289	H.000000	424-05-0078	Bayou Boeuf Bridge Main Span, US 90	St. Mary	FHWA Database (1998)	TP3	Test Pile	Steel H-Pile	CAPWAP	1/12/2014	1/12/2014	0.01	147.5	End of Driving - assumed 0 hours elapsed
938	69	747	860	H.000000	424-05-0078	Bayou Boeuf Bridge Main Span, US 90	St. Mary	FHWA Database (1998)	TP3	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	180.0	Selected ultimate capacity at load before pile plunge
939	69	747	861	H.000000	424-05-0078	Bayou Boeuf Bridge Main Span, US 90	St. Mary	FHWA Database (1998)	TP3	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	355.0	Pile did not fail
940	196	748	862	H.000000	829-07-0013	Bayou Lafourche Bridge	St. Mary	FHWA Database (1998)	PA	Test Pile	Round PPC	Static	1/12/2014	1/26/2014	336.00	55.0	Used ID lookup for hammer -- Pile did not fail
941	210	757	871	H.000000	400-30-0025	Bayou Teche Bridge and Approaches, LA 351 (Ruth)	St. Martin	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	100.0	Pile did not fail
942	197	758	872	H.000000	424-05-0087	Morgan City Bridge -- Roderick St. - Bayou Boeuf	St. Mary	FHWA Database (1998)	PA	Test Pile	16" Round PPC	Static	1/12/2014	1/26/2014	336.00	575.0	Used ID lookup for hammer
943	213	760	874	H.000000	021-05-0042	Red River Bridge at Coushatta	Red River	FHWA Database (1998)	PA	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	237.5	Used ID lookup for hammer -- Pile did not fail
944	214	761	875	H.000000	021-05-0020	Red River Bridge at Coushatta	Red River	FHWA Database (1998)	PA	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	240.8	Pile did not fail
945	218	765	878	H.000000	266-01-0009	Bayou Conway Bridge, LA 22	Ascension	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	128.5	Selected ultimate capacity at load before pile plunge

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946	228	775	888	H.000000	424-05-0087	Roderick Street Bridge, US 90	St. Mary	FHWA Database (1998)	91 TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	125.0	Used ID lookup for hammer -- Pile did not fail
947	69	776	889	H.000000	424-05-0078	Bayou Boeuf Bridge Main Span, US 90	St. Mary	FHWA Database (1998)	TP4	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	180.0	Selected ultimate capacity at load before pile plunge
948	69	776	890	H.000000	424-05-0078	Bayou Boeuf Bridge Main Span, US 90	St. Mary	FHWA Database (1998)	TP4	Test Pile	Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	175.0	Selected ultimate capacity at load before pile plunge
949	69	777	1290	H.000000	424-05-0078	Bayou Boeuf Bridge Main Span, US 90	St. Mary	FHWA Database (1998)	TP5	Test Pile	14" Solid Sq. PPC	CAPWAP	1/12/2014	1/12/2014	0.01	73.7	End of Driving - assumed 0 hours elapsed
950	69	777	891	H.000000	424-05-0078	Bayou Boeuf Bridge Main Span, US 90	St. Mary	FHWA Database (1998)	TP5	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	122.0	Used ID lookup for hammer
951	231	778	892	H.000000	424-06-0005	Bayou Boeuf Bridge East Approach, US 90	St. Mary	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	105.0	Selected ultimate capacity at load before pile plunge
952	231	778	893	H.000000	424-06-0005	Bayou Boeuf Bridge East Approach, US 90	St. Mary	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	99.0	
953	231	779	894	H.000000	424-06-0005	Bayou Boeuf Bridge East Approach, US 90	St. Mary	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	97.5	
954	231	780	895	H.000000	424-06-0005	Bayou Boeuf Bridge East Approach, US 90	St. Mary	FHWA Database (1998)	TP5	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	90.0	Selected ultimate capacity at load before pile plunge
955	70	781	1291	H.000000	424-05-0081	Bayou Boeuf Bridge West Approach, US 90	St. Mary	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	CAPWAP	1/12/2014	1/12/2014	0.01	66.5	End of Driving - assumed 0 hours elapsed
956	70	781	1292	H.000000	424-05-0081	Bayou Boeuf Bridge West Approach, US 90	St. Mary	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	CAPWAP	1/12/2014	1/13/2014	24.00	149.5	Beginning of first redrive - assumed 1 day elapsed
957	70	781	899	H.000000	424-05-0081	Bayou Boeuf Bridge West Approach, US 90	St. Mary	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	165.0	Hammer Matched to Pile 722
958	70	781	1293	H.000000	424-05-0081	Bayou Boeuf Bridge West Approach, US 90	St. Mary	FHWA Database (1998)	TP3	Test Pile	14" Solid Sq. PPC	CAPWAP	1/12/2014	1/26/2014	336.00	159.0	Beginning of second redrive - assumed 14 days elapsed
959	111	784	898	H.000000	013-01-0024	Missouri Pacific Railroad Overpass, LA 415	East Baton Rouge	FHWA Database (1998)	TP1	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	222.5	Selected ultimate capacity at load before pile plunge
960	240	787	902	H.000000	977-29-0006	Bushnell Road	Lafourche	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	105.8	Pile did not fail
961	101	791	906	H.000000	424-02-0047	I-49 Bridge over LA 167	Lafayette	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	137.5	Pile did not fail
962	101	792	907	H.000000	424-02-0047	I-49 Bridge over LA 167	Lafayette	FHWA Database (1998)	PA	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	137.5	Hammer Matched to Pile 791 -- Pile did not fail
963	238	794	909	H.000000	013-10-0037	Bogue Falaya Bridge, US 190 (Covington)	St. Mary	FHWA Database (1998)	TP1	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	310.0	Hammer Matched to Pile 785 -- Selected ultimate capacity at load before pile plunge
964	102	795	910	H.000000	424-08-0012	US 90 Bridge over LA 1 and LA 308	Lafourche	FHWA Database (1998)	PA	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	178.5	Duplicate of TP6? - Used ID lookup for hammer -- Pile did not fail
965	204	797	912	H.000000	450-13-0011	I-10 Overpass, LA 3188	St. John	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	133.0	Selected ultimate capacity at load before pile plunge
966	158	799	914	H.000000	713-46-0037	Bridge Over Bayou Teche, Belle Place	Iberia	FHWA Database (1998)	PA	Test Pile	18" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	128.0	Pile did not fail
967	204	800	915	H.000000	450-13-0011	I-10 Overpass, LA 3188	St. John	FHWA Database (1998)	TP2	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	186.0	
968	204	800	916	H.000000	450-13-0011	I-10 Overpass, LA 3188	St. John	FHWA Database (1998)	TP2	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	212.0	
969	50	801	917	H.000000	424-07-0012	US 90 Bridge over LA 311	Terrebonne	FHWA Database (1998)	TP8	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	146.5	Selected ultimate capacity at load before pile plunge
970	140	802	918	H.000000	855-14-0007	Interacoastal Waterway Bridge, LA 24	Terrebonne	FHWA Database (1998)	TP	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	119.5	
971	57	805	921	H.000000	455-02-0034	Bonnet Carre Bridges, US 61	East Baton Rouge	FHWA Database (1998)	TP4	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	289.0	Selected ultimate capacity at load before pile plunge
972	54	806	922	H.000000	450-38-0001	LA 3127 US 90 I-310 Interchange	St. Charles	FHWA Database (1998)	TP4	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	200.0	Pile did not fail
973	58	807	923	H.000000	007-03-0040	Bonnet Carre Bridges, US 61	St. Charles	FHWA Database (1998)	TP5	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	322.0	Selected ultimate capacity at load before pile plunge
974	87	810	926	H.000000	213-08-0006	Bayou Teche Bridge and Approaches, LA 92-1	St. Martin	FHWA Database (1998)	PA	Test Pile	18" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	109.0	Pile did not fail
975	58	813	930	H.000000	007-03-0040	Bonnet Carre Bridges, US 61	St. Charles	FHWA Database (1998)	TP3	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	289.0	Pile did not fail
976	58	815	932	H.000000	007-03-0040	Bonnet Carre Bridges, US 61	St. Charles	FHWA Database (1998)	TP1	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	257.0	
977	114	818	933	H.000000	455-02-0037	Washington-Meeker Highway, I-49	St. Landry	FHWA Database (1998)	TP2	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	97.0	Pile did not fail
978	114	818	934	H.000000	455-02-0037	Washington-Meeker Highway, I-49	St. Landry	FHWA Database (1998)	TP2	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	83.0	Selected ultimate capacity at load before pile plunge
979	132	819	935	H.000000	713-49-0019	Parish Board Bridge	St. Landry	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	103.0	Used ID lookup for hammer -- Pile did not fail
980	143	821	937	H.000000	455-02-0035	Washington-Meeker Highway, I-49	St. Landry	FHWA Database (1998)	TP2	Test Pile	24" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	239.0	Selected ultimate capacity at load before pile plunge
981	113	822	938	H.000000	455-02-0004	Washington-Meeker Highway, I-49	St. Landry	FHWA Database (1998)	TP3	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	256.5	
982	162	824	940	H.000000	455-02-0003	I-49 Bridges -- Opelousas to Washington	St. Landry	FHWA Database (1998)	TP8	Test Pile	18" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	150.0	Pile did not fail
983	163	825	941	H.000000	455-02-0038	Washington-Meeker Highway, I-49	St. Landry	FHWA Database (1998)	TP2	Test Pile	18" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	100.0	Pile did not fail
984	163	826	942	H.000000	455-02-0038	Washington-Meeker Highway, I-49	St. Landry	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	125.0	Selected ultimate capacity at load before pile plunge
985	112	827	943	H.000000	424-01-0023	I-49 Bridge over Harry Guilbeau Rd	St. Landry	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	150.0	Pile did not fail
986	101	828	944	H.000000	424-02-0047	I-49 Bridge over LA 167	Lafayette	FHWA Database (1998)	TP2	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	137.5	Hammer Matched to Pile 791 -- Pile did not fail
987	102	829	945	H.000000	424-08-0012	US 90 Bridge over LA 1 and LA 308	Lafourche	FHWA Database (1998)	TP6	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	178.5	Used ID lookup for hammer -- Pile did not fail
988	255	873	989	H.000000	450-36-0006	Luling Bridge, I-310	St. Charles	FHWA Database (1998)	TP11	Test Pile	34" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	265.5	Used ID lookup for hammer -- Selected ultimate capacity at load before pile plunge

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989	256	874	990	H.000000	742-05-0080	Bayou Fatma Bridge, Wall Blvd	Jefferson	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	95.5	Used ID lookup for hammer -- Selected ultimate capacity at load before pile plunge
990	255	877	993	H.000000	450-36-0006	Luling Bridge, I-310	St. Charles	FHWA Database (1998)	TP12	Test Pile	30" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	296.0	Used ID lookup for hammer -- Pile did not fail
991	261	879	995	H.000000	455-05-0004	Washington-Meeker Highway, I-49	Rapides	FHWA Database (1998)	TP4	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	95.0	Used ID lookup for hammer
992	266	884	1000	H.000000	713-46-0040	Bayou Teche Bridge, Bridge Road (in Patterson)	St. Mary	FHWA Database (1998)	TP2	Test Pile	30" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	357.8	Used ID lookup for hammer -- Pile did not fail
993	261	890	1006	H.000000	455-05-0004	Washington-Meeker Highway, I-49	Rapides	FHWA Database (1998)	TP3	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	111.5	Used ID lookup for hammer
994	285	905	1021	H.000000	424-07-0021	Bayou L'Ourse Drainage Canal	Terrebonne	LTRC No. 14-1GT	IP1	Indicator Pile	30" Solid Sq. PPC	CAPWAP	1/31/1996	1/8/1996	0.01	240.9	CAPWAP of Initial drive
995	285	905	1025	H.000000	424-07-0021	Bayou L'Ourse Drainage Canal	Terrebonne	LTRC No. 14-1GT	IP1	Indicator Pile	30" Solid Sq. PPC	CAPWAP	1/31/1996	2/7/1996	168.00	776.0	Capwap of 18days RS
996	291	906	1041	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP5	Indicator Pile	24" Voided Sq. PPC	CAPWAP	6/17/1997	6/17/1997	0.08	267.9	CAPWAP of INI - Blow Count estimated from calibrated wave equation
997	291	906	1042	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP5	Indicator Pile	24" Voided Sq. PPC	CAPWAP	6/17/1997	6/18/1997	24.00	312.1	RS24 - Blow Count estimated from calibrated wave equation
998	291	906	1040	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP5	Indicator Pile	24" Voided Sq. PPC	CAPWAP	6/17/1997	6/23/1997	144.00	316.0	RS7day - Blow Count estimated from calibrated wave equation
999	291	907	1034	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP2	Indicator Pile	24" Voided Sq. PPC	CAPWAP	2/4/1997	2/5/1997	24.00	218.8	CAPWAP of 24hr RS
1000	291	907	1037	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP2	Indicator Pile	24" Voided Sq. PPC	CAPWAP	2/4/1997	4/2/1997	1368.00	156.3	CAPWAP of INI
1001	291	908	1038	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP1	Indicator Pile	24" Voided Sq. PPC	CAPWAP	11/19/1996	11/19/1996	0.08	124.8	CAPWAP of EOID
1002	291	908	1030	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP1	Indicator Pile	24" Voided Sq. PPC	CAPWAP	11/19/1996	11/20/1996	24.00	183.0	CAPWAP of Beginning of Restrike
1003	291	908	1039	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP1	Indicator Pile	24" Voided Sq. PPC	CAPWAP	11/19/1996	12/4/1996	360.00	267.9	CAPWAP of Begin Restrike after 14days
1004	291	908	1036	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP1	Indicator Pile	24" Voided Sq. PPC	CAPWAP	11/19/1996	12/4/1996	360.00	195.6	CAPWAP of End of Drive after 14 days Restrike
1005	291	908	1043	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	IP1	Indicator Pile	24" Voided Sq. PPC	CAPWAP	11/19/1996	12/11/1996	528.00	275.5	CAPWAP of 21 days Restrike
1006	291	909	1035	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	4/16/1997	4/16/1997	0.08	217.0	CAPWAP of Initial drive
1007	291	909	1028	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	4/16/1997	4/17/1997	24.00	221.9	CAPWAP of Restrike after 24Hrs
1008	291	910	1032	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	TP2 AD	Test Pile	24" Voided Sq. PPC	CAPWAP	9/3/1996	9/3/1996	0.08	291.3	CAPWAP of EOID for AD
1009	291	910	1031	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	TP2 AD	Test Pile	24" Voided Sq. PPC	CAPWAP	9/3/1996	9/4/1996	24.00	281.8	CAPWAP of Beginning of Restrike for AD
1010	291	911	1029	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	TP2 (2)	Test Pile	24" Voided Sq. PPC	CAPWAP	8/11/1996	8/11/1996	0.08	101.6	CAPWAP of BOR
1011	291	911	1027	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	TP2 (2)	Test Pile	24" Voided Sq. PPC	CAPWAP	8/11/1996	8/12/1996	24.17	140.5	CAPWAP of EOR
1012	291	912	1033	H.000000	033-03-0033	Red River Bridge	Avoyelles	LTRC No. 14-1GT	Tp2 (3)	Test Pile	24" Voided Sq. PPC	CAPWAP	2/3/1997	2/13/1997	240.08	303.4	CAPWAP of 10 days RS
1013	292	913	1044	H.000000	033-03-0032	Red River Bridge Approach at Moncla	Avoyelles	LTRC No. 14-1GT	MP1	Monitor Pile	14" Solid Sq. PPC	CAPWAP	9/22/1998	9/22/1998	0.08	181.1	CAPWAP of INI
1014	295	916	1104	H.000000	022-07-0057	Black River Bridge in Jonesville	Catahoula	LTRC No. 14-1GT	TP1	Test Pile	24" Steel pipe	CAPWAP	2/28/2001	2/28/2001	0.08	123.5	CAPWAP of INI
1015	295	916	1102	H.000000	022-07-0057	Black River Bridge in Jonesville	Catahoula	LTRC No. 14-1GT	TP1	Test Pile	24" Steel pipe	CAPWAP	2/28/2001	3/1/2001	24.00	220.7	CAPWAP of 24hr RS
1016	295	916	1103	H.000000	022-07-0057	Black River Bridge in Jonesville	Catahoula	LTRC No. 14-1GT	TP1	Test Pile	24" Steel pipe	CAPWAP	2/28/2001	3/23/2001	552.00	220.7	CAPWAP of Restrike after load test
1017	295	916	1100	H.000000	022-07-0057	Black River Bridge in Jonesville	Catahoula	LTRC No. 14-1GT	TP1	Test Pile	24" Steel pipe	CAPWAP	2/28/2001	4/2/2001	792.00	200.5	CAPWAP of Restrike after uplift test
1018	295	917	1101	H.000000	022-07-0057	Black River Bridge in Jonesville	Catahoula	LTRC No. 14-1GT	TP2	Test Pile	24" Steel pipe	CAPWAP	3/1/2001	3/1/2001	0.08	481.6	CAPWAP of INI
1019	319	918	1045	H.000000	835-20-0001	Cane River Bridge	Natchitoches	LTRC No. 14-1GT	Mon-24	Monitor Pile	24" Solid Sq. PPC	CAPWAP	4/18/2002	4/18/2002	0.08	256.7	CAPWAP of INI
1020	321	921	1051	H.000000	450-15-0089	Causeway Blvd – 17th St. Canal	Jefferson	LTRC No. 14-1GT	TP1	Test Pile	24" Steel pipe	CAPWAP	10/19/2005	10/19/2005	0.08	229.5	CAPWAP of INI
1021	321	921	1052	H.000000	450-15-0089	Causeway Blvd – 17th St. Canal	Jefferson	LTRC No. 14-1GT	TP1	Test Pile	24" Steel pipe	CAPWAP	10/19/2005	12/15/2005	1368.00	169.6	CAPWAP of Restrike after 57days
1022	321	922	1050	H.000000	450-15-0089	Causeway Blvd – 17th St. Canal	Jefferson	LTRC No. 14-1GT	TP2	Test Pile	24" Voided Sq. PPC	CAPWAP	10/19/2005	10/19/2005	0.08	210.7	CAPWAP of INI
1023	322	923	1053	H.000000	427-01-0029	Route 3132 – Inner Loop Extension	Caddo	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	10/20/2005	10/20/2005	0.08	56.3	CAPWAP of INI
1024	322	923	1055	H.000000	427-01-0029	Route 3132 – Inner Loop Extension	Caddo	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	10/20/2005	10/21/2005	24.00	102.7	CAPWAP of Restrike after 24hr
1025	322	924	1056	H.000000	427-01-0029	Route 3132 – Inner Loop Extension	Caddo	LTRC No. 14-1GT	TP2	Test Pile	14" Solid Sq. PPC	CAPWAP	10/20/2005	10/20/2005	0.08	162.1	CAPWAP of INI
1026	322	924	1054	H.000000	427-01-0029	Route 3132 – Inner Loop Extension	Caddo	LTRC No. 14-1GT	TP2	Test Pile	14" Solid Sq. PPC	CAPWAP	10/20/2005	10/21/2005	24.00	186.2	CAPWAP of Restrike after 24hr
1027	333	928	1064	H.000000	836-05-0005	17th Street Canal Bridge	Jefferson	LTRC No. 14-1GT	METRS1	Other	12" Solid Sq. PPC	CAPWAP	9/14/1998	9/15/1998	24.00	194.4	CAPWAP of 1 day Restrike
1028	336	940	1081	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/30/1990	8/30/1990	0.08	234.8	CAPWAP of EOD
1029	336	941	1080	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	Tp2	Test Pile	24" Voided Sq. PPC	CAPWAP	8/29/1990	8/29/1990	0.08	249.6	CAPWAP of EOD
1030	336	941	1085	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	Tp2	Test Pile	24" Voided Sq. PPC	CAPWAP	8/29/1990	8/31/1990	48.00	288.0	CAPWAP of BOR (after 48hr)
1031	336	942	1087	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP3	Test Pile	24" Voided Sq. PPC	CAPWAP	8/28/1990	8/28/1990	0.08	60.7	CAPWAP of EOD

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1032	336	942	1079	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP3	Test Pile	24" Voided Sq. PPC	CAPWAP	8/28/1990	8/29/1990	24.00	121.4	CAPWAP of BOR (after 24hr)
1033	336	942	1084	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP3	Test Pile	24" Voided Sq. PPC	CAPWAP	8/28/1990	9/7/1990	240.00	156.3	CAPWAP of BOR (after 9days)
1034	336	942	1086	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP3	Test Pile	24" Voided Sq. PPC	CAPWAP	8/28/1990	9/17/1990	480.00	289.3	CAPWAP of BOR (after 7days)
1035	336	943	1083	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP4	Test Pile	24" Voided Sq. PPC	CAPWAP	8/29/1990	8/29/1990	0.08	229.5	CAPWAP of EOD
1036	336	943	1078	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP4	Test Pile	24" Voided Sq. PPC	CAPWAP	8/29/1990	8/31/1990	48.00	296.6	CAPWAP of BOR (after 48hr)
1037	336	944	1082	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP5	Test Pile	24" Voided Sq. PPC	CAPWAP	8/30/1990	8/30/1990	0.08	225.9	CAPWAP of EOD
1038	336	944	1088	H.000000	000-00-0004	Louisiana S.R. 415	West Baton Rouge	LTRC No. 14-1GT	TP5	Test Pile	24" Voided Sq. PPC	CAPWAP	8/30/1990	8/31/1990	24.00	287.1	CAPWAP of BOR (after 24hr)
1039	337	945	1089	H.000000	000-00-0005	Clear Lake Bridge, Route LA 1226	Natchitoches	LTRC No. 14-1GT	TP1	Test Pile	30" Voided Sq. PPC	CAPWAP	12/15/1994	10/11/1994	0.01	99.1	CAPWAP of Initial Drive
1040	338	946	1090	H.000000	000-00-0006	Stars and Stripe Boulevard	Orleans	LTRC No. 14-1GT	278	Other	14" Solid Sq. PPC	CAPWAP	2/28/1996	2/28/1996	0.08	113.8	CAPWAP of INI
1041	300	999	1125	H.000000	424-05-0097	US 90 Interchange at LA3211	St. Mary	LTRC No. 14-1GT	TP1	Test Pile	12" Solid Sq. PPC	CAPWAP	6/9/1999	5/24/1999	0.01	97.1	CAPWAP of INI
1042	300	999	1128	H.000000	424-05-0097	US 90 Interchange at LA3211	St. Mary	LTRC No. 14-1GT	TP1	Test Pile	12" Solid Sq. PPC	CAPWAP	6/9/1999	5/25/1999	0.01	355.6	CAPWAP of Restrike 24hr
1043	300	1000	1127	H.000000	424-05-0097	US 90 Interchange at LA3211	St. Mary	LTRC No. 14-1GT	TP2	Test Pile	12" Solid Sq. PPC	CAPWAP	6/9/1999	6/9/1999	0.02	79.3	CAPWAP of INI
1044	300	1000	1126	H.000000	424-05-0097	US 90 Interchange at LA3211	St. Mary	LTRC No. 14-1GT	TP2	Test Pile	12" Solid Sq. PPC	CAPWAP	6/9/1999	6/10/1999	24.00	135.1	CAPWAP of Restrike 24hr
1045	302	1002	1133	H.000000	001-03-0063	Red Chute Bayou Bridge	Bossier	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	10/31/2001	10/31/2001	0.08	87.5	CAPWAP of INI
1046	302	1002	1132	H.000000	001-03-0063	Red Chute Bayou Bridge	Bossier	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	10/31/2001	11/1/2001	24.00	142.9	CAPWAP of Restrike 24
1047	305	1007	1145	H.000000	005-05-0065	St. Louis Canal Bridge	Terrebonne	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	5/27/2003	5/13/2003	0.01	58.0	CAPWAP of Restrike 24hr
1048	305	1007	1146	H.000000	005-05-0065	St. Louis Canal Bridge	Terrebonne	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	5/27/2003	5/12/2003	0.01	17.9	CAPWAP of INI
1049	305	1007	1147	H.000000	005-05-0065	St. Louis Canal Bridge	Terrebonne	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	5/27/2003	5/27/2003	0.08	62.5	CAPWAP of After Load Restrike
1050	306	1008	1148	H.000000	008-01-0043	Tiger Bayou Bridge	West Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	9/11/2003	9/11/2003	0.08	74.1	CAPWAP of INI
1051	306	1008	1149	H.000000	008-01-0043	Tiger Bayou Bridge	West Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	9/11/2003	9/12/2003	24.00	131.3	CAPWAP of Restrike 24hr
1052	306	1008	1150	H.000000	008-01-0043	Tiger Bayou Bridge	West Baton Rouge	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	9/11/2003	9/25/2003	336.00	146.4	CAPWAP of Restrike 14days
1053	308	1010	1153	H.000000	424-05-0081	Bayou Boeuf West Approaches	St. Mary	LTRC No. 14-1GT	TP1	Test Pile	12" Solid Sq. PPC	CAPWAP	8/24/1994	8/24/1994	0.08	0.0	
1054	308	1011	1152	H.000000	424-05-0081	Bayou Boeuf West Approaches	St. Mary	LTRC No. 14-1GT	TP3	Test Pile	12" Solid Sq. PPC	CAPWAP	8/24/1994	8/24/1994	0.08	0.0	
1055	308	1012	1154	H.000000	424-05-0081	Bayou Boeuf West Approaches	St. Mary	LTRC No. 14-1GT	TP4	Test Pile	12" Solid Sq. PPC	CAPWAP	8/24/1994	8/24/1994	0.08	0.0	
1056	311	1016	1164	H.000000	070-06-0024	Ouacita River Bridge	Ouachita	LTRC No. 14-1GT	TP5	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	8/27/2007	0.08	109.4	CAPWAP of INI
1057	311	1016	1165	H.000000	070-06-0024	Ouacita River Bridge	Ouachita	LTRC No. 14-1GT	TP5	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	8/28/2007	24.00	123.7	CAPWAP of Restrike 24hr
1058	311	1017	1166	H.000000	070-06-0024	Ouacita River Bridge	Ouachita	LTRC No. 14-1GT	TP6	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	8/27/2007	0.08	93.8	CAPWAP of INI
1059	311	1017	1163	H.000000	070-06-0024	Ouacita River Bridge	Ouachita	LTRC No. 14-1GT	TP6	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	8/28/2007	24.00	132.6	CAPWAP of Restrike 24hr
1060	340	1019	1169	H.000000	000-00-0001	Tiger Bayou Bridge	Terrebonne	LTRC No. 14-1GT	TP1	Test Pile	12" Solid Sq. PPC	CAPWAP	8/2/1995	8/9/1995	168.00	272.0	CAPWAP of RTP
1061	340	1020	1168	H.000000	000-00-0001	Tiger Bayou Bridge	Terrebonne	LTRC No. 14-1GT	IND2	Indicator Pile	12" Solid Sq. PPC	CAPWAP	8/7/1995	8/4/1995	0.01	237.1	CAPWAP of EOID
1062	341	1021	1170	H.000000	000-00-0002	Southern Pacific Railroad Overpass -US 90	St. Mary	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	6/6/1995	6/6/1995	0.08	63.2	CAPWAP of BOR
1063	341	1022	1171	H.000000	000-00-0002	Southern Pacific Railroad Overpass -US 90	St. Mary	LTRC No. 14-1GT	TP2	Test Pile	14" Solid Sq. PPC	CAPWAP	6/2/1995	6/2/1995	0.08	90.6	CAPWAP of BOR
1064	341	1023	1172	H.000000	000-00-0002	Southern Pacific Railroad Overpass -US 90	St. Mary	LTRC No. 14-1GT	TP3	Test Pile	24" Solid Sq. PPC	CAPWAP	6/2/1995	6/2/1995	0.08	48.1	CAPWAP of EOD
1065	436	1030	1226	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	Test Pile 4	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/3/2014	6/3/2014	0.01	89.0	
1066	436	1030	1225	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	Test Pile 4	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/3/2014	6/4/2014	24.00	232.9	
1067	436	1030	1224	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	Test Pile 4	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/3/2014	6/23/2014	480.00	303.1	
1068	436	1031	1183	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-1-1	Monitor Pile	HP 14x73	CAPWAP	8/19/2014	8/19/2014	0.01	107.7	
1069	436	1031	1184	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-1-1	Monitor Pile	HP 14x73	CAPWAP	8/19/2014	8/19/2014	0.01	92.2	
1070	436	1031	1185	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-1-1	Monitor Pile	HP 14x73	CAPWAP	8/19/2014	8/19/2014	0.01	38.6	
1071	436	1031	1180	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-1-1	Monitor Pile	HP 14x73	CAPWAP	8/19/2014	8/20/2014	24.00	133.0	
1072	436	1031	1179	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-1-1	Monitor Pile	HP 14x73	CAPWAP	8/19/2014	8/22/2014	72.00	141.7	
1073	436	1031	1178	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-1-1	Monitor Pile	HP 14x73	CAPWAP	8/19/2014	8/26/2014	168.00	155.8	
1074	436	1032	1173	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-2-13	Monitor Pile	HP 14x73	CAPWAP	9/2/2014	9/2/2014	0.01	154.2	

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1075	436	1033	1174	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-2-1	Monitor Pile	HP 14x73	CAPWAP	8/27/2014	8/27/2014	0.01	51.5	CAPWAP of EOD
1076	436	1033	1176	H.009933	000-00-0000	MacArthur Drive, Ph. 1B	Jefferson	LADOTD Database	7-2-1	Monitor Pile	HP 14x73	CAPWAP	8/27/2014	8/27/2014	0.01	154.1	Restrike actually performed on P7-2-13 on 9/2/2014.
1077	438	1035	1177	H.002215	240-03-0027	Weeks Island Bridges	Iberia	LADOTD Database	7-5-1	Monitor Pile	HP 14x73	CAPWAP	10/2/2014	10/2/2014	0.01	67.5	CAPWAP of EOD
1078	438	1035	1181	H.002215	240-03-0027	Weeks Island Bridges	Iberia	LADOTD Database	7-5-1	Monitor Pile	HP 14x73	CAPWAP	10/2/2014	10/2/2014	0.01	130.7	1-hour restrike
1079	441	1041	1219	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-04	Test Pile	24" Steel Pipe	CAPWAP	1/8/2008	1/8/2008	0.01	292.5	CAPWAP of EOD
1080	441	1041	1220	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-04	Test Pile	24" Steel Pipe	CAPWAP	1/8/2008	1/9/2008	24.00	406.5	
1081	441	1041	1213	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-04	Test Pile	24" Steel Pipe	Static	1/8/2008	1/22/2008	336.00	650.0	Static load test did not fail pile, but failure appears imminent on the load test plot -- Selected ultimate capacity at load before pile plunge
1082	441	1042	1217	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-01	Test Pile	24" Solid Sq. PPC	CAPWAP	8/23/2006	8/23/2006	0.01	276.3	CAPWAP by GRL
1083	441	1042	1216	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-01	Test Pile	24" Solid Sq. PPC	CAPWAP	8/23/2006	8/24/2006	24.00	393.2	CAPWAP by GRL
1084	441	1043	1215	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-02	Test Pile	14" Solid Sq. PPC	CAPWAP	5/15/2006	5/15/2006	0.01	201.5	CAPWAP by GRL
1085	441	1043	1214	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-02	Test Pile	14" Solid Sq. PPC	CAPWAP	5/15/2006	5/16/2006	24.00	341.5	CAPWAP by GRL
1086	441	1044	1223	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	Bent 4 MP	Monitor Pile	24" Voided Sq. PPC	CAPWAP	10/8/2014	10/8/2014	0.01	0.0	
1087	441	1045	1222	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	Bent 4	Indicator Pile	24" Voided Sq. PPC	CAPWAP	10/8/2014	10/8/2014	0.01	317.0	Pile was 5' from plan tip
1088	441	1045	1227	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	Bent 4	Indicator Pile	24" Voided Sq. PPC	CAPWAP	10/8/2014	10/8/2014	0.01	361.0	Pile was 4' from plan tip
1089	442	1046	1221	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-03	Test Pile	24" Steel Pipe	CAPWAP	12/5/2006	12/5/2006	0.01	368.3	Blow count estimated from PDA
1090	442	1046	1212	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-03	Test Pile	24" Steel Pipe	Static	12/5/2006	12/16/2006	264.00	510.0	
1091	442	1047	1211	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-05	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	8/27/2007	0.01	122.5	CAPWAP by GRL
1092	442	1047	1210	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-05	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	8/28/2007	24.00	138.5	CAPWAP by GRL
1093	442	1047	1208	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-05	Test Pile	14" Solid Sq. PPC	Static	8/27/2007	9/25/2007	696.00	152.5	
1094	442	1047	1209	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-05	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	10/10/2007	1056.00	69.5	CAPWAP by GRL. Extraction of reaction piles may have weakened test pile.
1095	442	1048	1207	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-06	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	8/27/2007	0.01	105.0	CAPWAP by GRL
1096	442	1048	1206	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-06	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	8/27/2007	0.01	148.5	CAPWAP by GRL
1097	442	1048	1204	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-06	Test Pile	14" Solid Sq. PPC	Static	8/27/2007	9/25/2007	696.00	130.0	Date of loading estimated.
1098	442	1048	1205	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-06	Test Pile	14" Solid Sq. PPC	CAPWAP	8/27/2007	10/9/2007	1032.00	122.0	CAPWAP by GRL. Extraction of reaction piles may have weakened test pile.
1099	442	1049	1230	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-1	Test Pile	24" Solid Sq. PPC	CAPWAP	3/2/2007	3/2/2007	0.01	40.0	CAPWAP by GRL
1100	442	1049	1231	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-1	Test Pile	24" Solid Sq. PPC	CAPWAP	3/2/2007	3/5/2007	72.00	120.0	CAPWAP by GRL
1101	442	1049	1229	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-1	Test Pile	24" Solid Sq. PPC	CAPWAP	3/2/2007	3/16/2007	336.00	204.5	CAPWAP by GRL
1102	442	1049	1228	H.006205	000-00-0000	Moore Road Bridge	Ouachita	LADOTD Database	TP-1	Test Pile	24" Solid Sq. PPC	Static	3/2/2007	3/19/2007	408.00	180.0	Pile did not fail
1103	446	1059	1279	H.009309	000-00-0000	Summit Blvd.	St. Tammany	LADOTD Database	TP4	Test Pile	16" Solid Sq. PPC	Static	11/5/2014	11/5/2014	0.01	156.0	Pile did not fail
1104	448	1065	1175	H.006138	000-00-0000	Poplar St. Bridge Over Bonnabel Canal	Orleans	LADOTD Database	7-8-1	Monitor Pile	HP 14x73	CAPWAP	11/7/2014	11/7/2014	0.01	73.3	
1105	448	1065	1182	H.006138	000-00-0000	Poplar St. Bridge Over Bonnabel Canal	Orleans	LADOTD Database	7-8-1	Monitor Pile	HP 14x73	CAPWAP	11/7/2014	11/7/2014	0.01	26.2	Sample rate too high, pile still moving at EOD.
1106	2	6	6	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-02	Test Pile	16" Solid Sq. PPC	CAPWAP	7/11/2012	7/11/2012	0.10	222.9	CAPWAP of EOD
1107	2	6	3	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-02	Test Pile	16" Solid Sq. PPC	CAPWAP	7/11/2012	7/12/2012	24.00	213.9	CAPWAP of 24-hr restrike
1108	2	6	1	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-02	Test Pile	16" Solid Sq. PPC	Static	7/11/2012	7/25/2012	336.00	291.0	
1109	2	6	2	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-02	Test Pile	16" Solid Sq. PPC	CAPWAP	7/11/2012	7/26/2012	360.00	241.0	CAPWAP of 15-day restrike
1110	2	7	5	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	8/2/2012	8/2/2012	0.10	118.6	CAPWAP of EOD
1111	2	7	4	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	8/2/2012	8/3/2012	24.00	270.8	CAPWAP of 24-hr restrike
1112	2	7	11	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	Static	8/2/2012	8/16/2012	336.00	438.0	
1113	2	7	12	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-03	Test Pile	24" Voided Sq. PPC	CAPWAP	8/2/2012	8/17/2012	360.00	366.0	CAPWAP of 15-day restrike
1114	2	8	186	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-01	Test Pile	24" Voided Sq. PPC	CAPWAP	7/5/2012	7/5/2012	0.10	280.0	
1115	2	8	7	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	TP-01	Test Pile	24" Voided Sq. PPC	CAPWAP	7/5/2012	7/6/2012	24.00	561.6	
1116	2	36	185	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	BR2P5A	Monitor Pile	16" Solid Sq. PPC	CAPWAP	3/18/2013	3/18/2013	0.01	394.9	CAPWAP of end-of-drive
1117	2	253	685	H.002410	263-02-0006	Tickfaw River & Relief Bridges	St. Helena	LADOTD Database	BR1P4C	Monitor Pile	24" Voided Sq. PPC	CAPWAP	5/29/2013	5/29/2013	0.01	175.6	CAPWAP of EOD

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1118	9	474	660	H.002463	276-03-0018	Gill Creek Bridge	Tangipahoa	LADOTD Database	TP-01	Test Pile	16" Solid Sq. PPC	CAPWAP	2/4/2013	2/4/2013	0.01	214.5	CAPWAP of EOD
1119	9	474	661	H.002463	276-03-0018	Gill Creek Bridge	Tangipahoa	LADOTD Database	TP-01	Test Pile	16" Solid Sq. PPC	CAPWAP	2/4/2013	2/5/2013	24.00	232.5	
1120	9	474	662	H.002463	276-03-0018	Gill Creek Bridge	Tangipahoa	LADOTD Database	TP-01	Test Pile	16" Solid Sq. PPC	Static	2/4/2013	3/6/2013	720.00	242.5	
1121	13	479	686	H.001214	047-03-0014	Lawrence, Bogalusa, and Coburn Creek Bridges	Washington	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	7/2/2013	7/2/2013	0.10	48.5	CAPWAP of EOD
1122	13	479	687	H.001214	047-03-0014	Lawrence, Bogalusa, and Coburn Creek Bridges	Washington	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	7/2/2013	7/2/2013	1.50	116.5	CAPWAP 1.5 HR after EOID
1123	13	479	688	H.001214	047-03-0014	Lawrence, Bogalusa, and Coburn Creek Bridges	Washington	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	Static	7/2/2013	7/16/2013	336.00	279.0	
1124	13	479	689	H.001214	047-03-0014	Lawrence, Bogalusa, and Coburn Creek Bridges	Washington	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	7/2/2013	7/18/2013	384.00	296.0	After Load Restrike
1125	94	752	866	H.000000	262-06-0009	LA 16 Bridges	St. Helena	FHWA Database (1998)	TP1 B1	Test Pile	24" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	209.5	Hammer Matched to Pile 842
1126	220	767	880	H.000000	853-26-0007	Haw Branch and Line Creek Bridges, LA 1053	Tangipahoa	FHWA Database (1998)	PA	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	150.0	Pile did not fail
1127	155	796	911	H.000000	060-03-0012	Plank Rd Bridge, LA 67	East Feliciana	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	143.5	Selected ultimate capacity at load before pile plunge
1128	94	842	958	H.000000	262-06-0009	LA 16 Bridges	St. Helena	FHWA Database (1998)	TP1	Test Pile	Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	100.0	Pile did not fail
1129	84	847	963	H.000000	274-03-0006	Ditch Creek Bridge, LA 438	Washington	FHWA Database (1998)	TP2	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	105.0	Used ID lookup for hammer -- Selected ultimate capacity at load before pile plunge
1130	86	849	965	H.000000	274-03-0006	Thomas Creek Bridge, LA 438	Washington	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	107.5	Used ID lookup for hammer -- Pile did not fail
1131	152	852	968	H.000000	274-03-0006	Monroe Creek Bridge, LA 438	Washington	FHWA Database (1998)	TP1A	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	107.5	Used ID lookup for hammer -- Pile did not fail
1132	253	871	987	H.000000	741-03-0043	Wadesboro Bridge	Tangipahoa	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	75.0	Used ID lookup for hammer -- Pile did not fail
1133	298	992	1109	H.000000	061-05-0044	LA 10 - LA 68 (Clinton)	East Feliciana	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/27/2003	8/27/2003	0.08	93.8	CAPWAP of INI
1134	298	992	1106	H.000000	061-05-0044	LA 10 - LA 68 (Clinton)	East Feliciana	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/27/2003	8/28/2003	24.00	156.3	CAPWAP of Restrike
1135	298	992	1108	H.000000	061-05-0044	LA 10 - LA 68 (Clinton)	East Feliciana	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/27/2003	9/25/2003	696.08	142.9	CAPWAP of INI
1136	298	992	1107	H.000000	061-05-0044	LA 10 - LA 68 (Clinton)	East Feliciana	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/27/2003	9/26/2003	720.00	147.3	CAPWAP of Restrike 24hr
1137	298	992	1105	H.000000	061-05-0044	LA 10 - LA 68 (Clinton)	East Feliciana	LTRC No. 14-1GT	TP1	Test Pile	24" Voided Sq. PPC	CAPWAP	8/27/2003	10/10/2003	1056.00	202.7	CAPWAP of Restrike 14d
1138	20	493	724	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 6	Test Pile	16" Solid Sq. PPC	CAPWAP	5/22/2014	5/22/2014	0.01	115.5	
1139	20	493	725	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 6	Test Pile	16" Solid Sq. PPC	CAPWAP	5/22/2014	5/22/2014	22.00	192.0	
1140	20	493	726	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 6	Test Pile	16" Solid Sq. PPC	Static	5/22/2014	6/23/2014	768.00	200.0	Pile did not fail
1141	20	495	728	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 4	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/3/2014	6/3/2014	0.01	89.0	
1142	20	495	729	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 4	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/3/2014	6/4/2014	24.00	232.9	
1143	20	495	730	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 4	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/3/2014	6/23/2014	480.00	303.1	
1144	20	496	731	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 3	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2014	6/25/2014	0.01	115.0	
1145	20	496	732	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 3	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2014	6/25/2014	23.00	239.8	
1146	20	498	736	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 3	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2014	6/25/2014	0.01	114.5	
1147	20	498	737	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 3	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2014	6/25/2014	23.00	239.8	
1148	20	498	738	H.000995	029-04-0025	LA 121 Bridges Near Hineston	Vernon	LADOTD Database	Test Pile 3	Indicator Pile	16" Solid Sq. PPC	CAPWAP	6/25/2014	7/10/2014	360.00	344.8	
1149	29	501	740	H.001866	128-03-0023	Little River Bridge At Zenoria LA 500	La Salle	LADOTD Database	Test Pile 2	Test Pile	30" Voided Sq. PPC	Static	2/23/2014	3/17/2014	528.00	585.0	Pile did not fail
1150	29	502	741	H.001866	128-03-0023	Little River Bridge At Zenoria LA 500	La Salle	LADOTD Database	Test Pile 1	Test Pile	36" Voided Sq. PPC	Static	1/13/2010	1/27/2010	336.00	525.0	Selected ultimate capacity at load before pile plunge
1151	115	660	771	H.000000	124-03-0017	Dry Creek Bridge, LA 34	Jackson	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	115.0	Pile did not fail
1152	216	763	876	H.000000	455-08-0019	Shreveport Urban Segment, I-49	Caddo	FHWA Database (1998)	PA	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	137.5	Selected ultimate capacity at load before pile plunge
1153	250	868	984	H.000000	713-46-0026	Bridge Over Bundick Creek	Vernon	FHWA Database (1998)	TP1	Test Pile	14" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	96.3	Used ID lookup for hammer -- Pile did not fail
1154	267	885	1001	H.000000	427-01-0013	Bridge over Walker Road	Caddo	FHWA Database (1998)	TP1	Test Pile	10" Steel H-Pile	Static	1/12/2014	1/26/2014	336.00	100.0	Used ID lookup for hammer
1155	278	899	1015	H.000000	000-00-0000	Shreveport Bridge	Caddo	FHWA Database (1998)	2	Test Pile	30" Round PPC	Static	1/12/2014	1/26/2014	336.00	990.3	Pile did not fail
1156	278	900	1016	H.000000	000-00-0000	Shreveport Bridge	Caddo	FHWA Database (1998)	PA	Test Pile	30" Round PPC	Static	1/12/2014	1/26/2014	336.00	730.0	
1157	299	993	1110	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	5/3/2001	5/3/2001	0.08	133.9	CAPWAP of EOD
1158	299	993	1122	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP1	Test Pile	24" Solid Sq. PPC	CAPWAP	5/3/2001	5/4/2001	24.00	196.4	CAPWAP of 1-day restrike
1159	299	994	1121	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP2	Test Pile	24" Solid Sq. PPC	CAPWAP	5/9/2001	5/9/2001	0.08	53.6	CAPWAP of EOD
1160	299	994	1120	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP2	Test Pile	24" Solid Sq. PPC	CAPWAP	5/9/2001	5/10/2001	24.00	111.2	CAPWAP of 1-day restrike

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1161	299	994	1116	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP2	Test Pile	24" Solid Sq. PPC	CAPWAP	5/9/2001	5/24/2001	360.08	53.6	
1162	299	994	1124	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP2	Test Pile	24" Solid Sq. PPC	CAPWAP	5/9/2001	5/25/2001	384.00	156.3	CAPWAP of Restrike after loading
1163	299	995	1113	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP3	Test Pile	24" Solid Sq. PPC	CAPWAP	5/14/2001	5/14/2001	0.08	176.3	
1164	299	995	1114	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP3	Test Pile	24" Solid Sq. PPC	CAPWAP	5/14/2001	5/15/2001	24.00	225.0	
1165	299	996	1115	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP4	Test Pile	24" Solid Sq. PPC	CAPWAP	5/14/2001	5/14/2001	0.08	245.5	
1166	299	996	1123	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP4	Test Pile	24" Solid Sq. PPC	CAPWAP	5/14/2001	5/15/2001	24.00	241.1	
1167	299	997	1111	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP5	Test Pile	24" Solid Sq. PPC	CAPWAP	5/15/2001	5/15/2001	0.08	292.4	
1168	299	997	1112	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP5	Test Pile	24" Solid Sq. PPC	CAPWAP	5/15/2001	5/16/2001	24.00	259.8	
1169	299	998	1118	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP6	Test Pile	24" Solid Sq. PPC	CAPWAP	5/16/2001	5/16/2001	0.08	165.2	CAPWAP of INI
1170	299	998	1117	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP6	Test Pile	24" Solid Sq. PPC	CAPWAP	5/16/2001	5/17/2001	24.00	203.1	CAPWAP of Restrike 24hr
1171	299	998	1119	H.000000	090-01-0015	Lake Bistineau Bridge	Bossier	LTRC No. 14-1GT	TP6	Test Pile	24" Solid Sq. PPC	CAPWAP	5/16/2001	5/28/2001	288.00	212.1	CAPWAP of RSAL (11days)
1172	303	1003	1135	H.000000	023-06-0047	Junction LA 3061	Lincoln	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	5/20/2003	5/20/2003	0.08	148.7	CAPWAP of INI
1173	303	1003	1134	H.000000	023-06-0047	Junction LA 3061	Lincoln	LTRC No. 14-1GT	TP1	Test Pile	16" Solid Sq. PPC	CAPWAP	5/20/2003	5/21/2003	24.00	280.4	CAPWAPof Restrike 24hr
1174	437	1034	1186	H.000101	000-00-0000	UP Railroad Overpass Near Greenwood	Caddo	LADOTD Database	TP-1	Test Pile	30" Voided Sq. PPC	Static	8/28/2014	9/15/2014	432.00	370.5	
1175	440	1039	1197	H.000830	023-06-0060	North Hodge - Quitman Ph2	Jackson	LADOTD Database	TP-2	Test Pile	24" Voided Sq. PPC	CAPWAP	1/28/2010	1/29/2010	24.00	210.9	CAPWAP of EOD
1176	440	1039	1198	H.000830	023-06-0060	North Hodge - Quitman Ph2	Jackson	LADOTD Database	TP-2	Test Pile	24" Voided Sq. PPC	CAPWAP	1/28/2010	1/29/2010	24.00	224.7	
1177	440	1039	1199	H.000830	023-06-0060	North Hodge - Quitman Ph2	Jackson	LADOTD Database	TP-2	Test Pile	24" Voided Sq. PPC	Static	1/28/2010	2/11/2010	336.00	330.0	Pile did not fail
1178	441	1040	1202	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-1	Test Pile	18" Solid Sq. PPC	CAPWAP	1/15/2008	1/15/2008	0.01	242.4	CAPWAP of EOD
1179	441	1040	1201	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-1	Test Pile	18" Solid Sq. PPC	CAPWAP	1/15/2008	1/16/2008	24.00	289.7	
1180	441	1040	1203	H.001569	070-06-0022	Ouachita River Bridge at Sterlington	Ouachita	LADOTD Database	TP-1	Test Pile	18" Solid Sq. PPC	Static	1/15/2008	2/13/2008	696.00	258.0	Pile did not fail
1181	25	497	733	H.008008	821-24-0007	Turkey Creek Bridge LA 3201	Franklin	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	4/16/2014	4/16/2014	0.01	215.4	
1182	25	497	734	H.008008	821-24-0007	Turkey Creek Bridge LA 3201	Franklin	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	CAPWAP	4/16/2014	4/16/2014	1.00	241.8	
1183	25	497	735	H.008008	821-24-0007	Turkey Creek Bridge LA 3201	Franklin	LADOTD Database	TP-1	Test Pile	24" Voided Sq. PPC	Static	4/16/2014	5/22/2014	864.00	431.0	
1184	48	687	796	H.000000	026-07-0011	Ash Slough Bridge, US 425 (LA 15)	Franklin	FHWA Database (1998)	TP1	Test Pile	16" Solid Sq. PPC	Static	1/12/2014	1/26/2014	336.00	142.5	Pile did not fail
1185	68	720	830	H.000000	344-02-0007	Bayou, Macon Bridge, LA 577	Franklin	FHWA Database (1998)	PA	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	236.5	
1186	68	720	831	H.000000	344-02-0007	Bayou, Macon Bridge, LA 577	Franklin	FHWA Database (1998)	PA	Test Pile	24" Voided Sq. PPC	Static	1/12/2014	1/26/2014	336.00	306.0	Pile did not fail

APPENDIX G

LAPLTD STATISTICS PARISH TABLES

Summary of Database Piles Tested by Louisiana Parishes

Parish	Test Pile	Indicator Pile	Monitor Pile	Other	Total Piles Tested
Acadia	3	---	---	---	3
Allen	---	---	---	---	0
Ascension	3	---	---	---	3
Assumption	1	---	---	---	1
Avoyelles	11	3	1	---	15
Beauregard	3	---	---	---	3
Bienville	---	---	---	---	0
Bossier	7	---	---	---	7
Caddo	9	---	---	---	9
Calcasieu	16	---	---	---	16
Caldwell	---	---	---	---	0
Cameron	---	---	---	---	0
Catahoula	4	---	---	---	4
Claiborne	---	---	---	---	0
Concordia	1	---	---	---	1
Desoto	---	---	---	---	0
East Baton Rouge	26	---	---	10	36
East Carroll	---	---	---	---	0
East Feliciana	2	---	---	---	2
Evangeline	3	---	---	---	3
Franklin	3	---	---	---	3
Grant	2	1	---	---	3
Iberia	5	1	1	---	7
Iberville	1	---	---	---	1
Jackson	2	---	---	---	2
Jefferson	11	2	3	1	17
Jefferson Davis	4	---	---	---	4
La Salle	2	---	---	---	2
Lafayette	7	---	---	---	7
Lafourche	22	---	434	---	456
Lincoln	1	---	---	---	1
Livingston	4	---	---	---	4
Madison	---	---	---	---	0

Summary of Database Piles Tested by Louisiana Parishes

Parish	Test Pile	Indicator Pile	Monitor Pile	Other	Total Piles Tested
Morehouse	---	---	---	---	0
Natchitoches	5	---	1	---	6
Orleans	13	6	1	1	21
Ouachita	10	1	1	---	12
Plaquemines	1	---	---	---	1
Pointe Coupee	---	---	---	---	0
Rapides	7	---	6	---	13
Red River	3	---	---	---	3
Richland	---	---	---	---	0
Sabine	---	---	---	---	0
St. Bernard	1	---	---	---	1
St. Charles	8	---	---	---	8
St. Helena	8	---	2	---	10
St. James	5	---	---	---	5
St. John	2	---	---	---	2
St. Landry	11	---	---	---	11
St. Martin	2	---	---	---	2
St. Mary	34	---	---	---	34
St. Tammany	7	1	---	---	8
Tangipahoa	5	---	---	---	5
Tensas	---	---	---	---	0
Terrebonne	14	3	---	---	17
Union	---	---	---	---	0
Unknown	---	---	---	---	0
Vermilion	7	---	---	---	7
Vernon	8	5	---	---	13
Washington	5	---	---	---	5
Webster	---	---	---	---	0
West Baton Rouge	6	---	---	---	6
West Carroll	---	---	---	---	0
West Feliciana	---	---	---	---	0
Winn	1	2	---	---	3

Summary of Database Piles Tested by Louisiana Parishes

Louisiana Parish	Concrete Piles	Steel Piles
Acadia	3	---
Allen	---	---
Ascension	3	---
Assumption	1	---
Avoyelles	15	---
Beauregard	3	---
Bienville	---	---
Bossier	7	---
Caddo	8	1
Calcasieu	15	1
Caldwell	---	---
Cameron	---	---
Catahoula	2	2
Claiborne	---	---
Concordia	1	---
Desoto	---	---
East Baton Rouge	36	---
East Carroll	---	---
East Feliciana	2	---
Evangeline	3	---
Franklin	3	---
Grant	3	---
Iberia	6	1
Iberville	1	---
Jackson	2	---
Jefferson	13	4
Jefferson Davis	4	---
La Salle	2	---
Lafayette	6	1
Lafourche	455	1
Lincoln	1	---
Livingston	4	---
Madison	---	---
Morehouse	---	---

Summary of Database Piles Tested by Louisiana Parishes

Louisiana Parish	Concrete Piles	Steel Piles
Natchitoches	6	---
Orleans	20	1
Ouachita	10	2
Plaquemines	1	---
Pointe Coupee	---	---
Rapides	13	---
Red River	1	2
Richland	---	---
Sabine	---	---
St. Bernard	1	---
St. Charles	8	---
St. Helena	10	---
St. James	2	3
St. John	2	---
St. Landry	11	---
St. Martin	2	---
St. Mary	30	4
St. Tammany	8	---
Tangipahoa	5	---
Tensas	---	---
Terrebonne	17	---
Union	---	---
Unknown	---	---
Vermilion	7	---
Vernon	13	---
Washington	5	---
Webster	---	---
West Baton Rouge	6	---
West Carroll	---	---
West Feliciana	---	---
Winn	3	---

Summary of Database Piles Tested by Louisiana Parishes

Louisiana Parish	Dynamic Load Test	Static Load Test
Acadia	---	3
Allen	---	---
Ascension	---	3
Assumption	2	1
Avoyelles	18	7
Beauregard	---	3
Bienville	---	---
Bossier	17	---
Caddo	7	6
Calcasieu	22	17
Caldwell	---	---
Cameron	---	---
Catahoula	10	2
Claiborne	---	---
Concordia	---	1
Desoto	---	---
East Baton Rouge	25	20
East Carroll	---	---
East Feliciana	5	1
Evangeline	---	3
Franklin	2	4
Grant	5	---
Iberia	10	4
Iberville	---	1
Jackson	2	2
Jefferson	43	8
Jefferson Davis	---	4
La Salle	---	2
Lafayette	5	5
Lafourche	558	18
Lincoln	2	---
Livingston	4	4
Madison	---	---
Morehouse	---	---
Natchitoches	5	3
Orleans	60	3
Ouachita	25	6
Plaquemines	---	1
Pointe Coupee	---	---
Rapides	19	7
Red River	---	3
Richland	---	---

Summary of Database Piles Tested by Louisiana Parishes

Louisiana Parish	Dynamic Load Test	Static Load Test
Sabine	---	---
St. Bernard	---	1
St. Charles	---	7
St. Helena	11	6
St. James	---	5
St. John	---	3
St. Landry	---	13
St. Martin	---	2
St. Mary	21	27
St. Tammany	7	7
Tangipahoa	2	5
Tensas	---	---
Terrebonne	8	14
Union	---	---
Unknown	---	---
Vermilion	3	7
Vernon	10	8
Washington	3	5
Webster	---	---
West Baton Rouge	14	---
West Carroll	---	---
West Feliciana	---	---
Winn	9	---

APPENDIX H

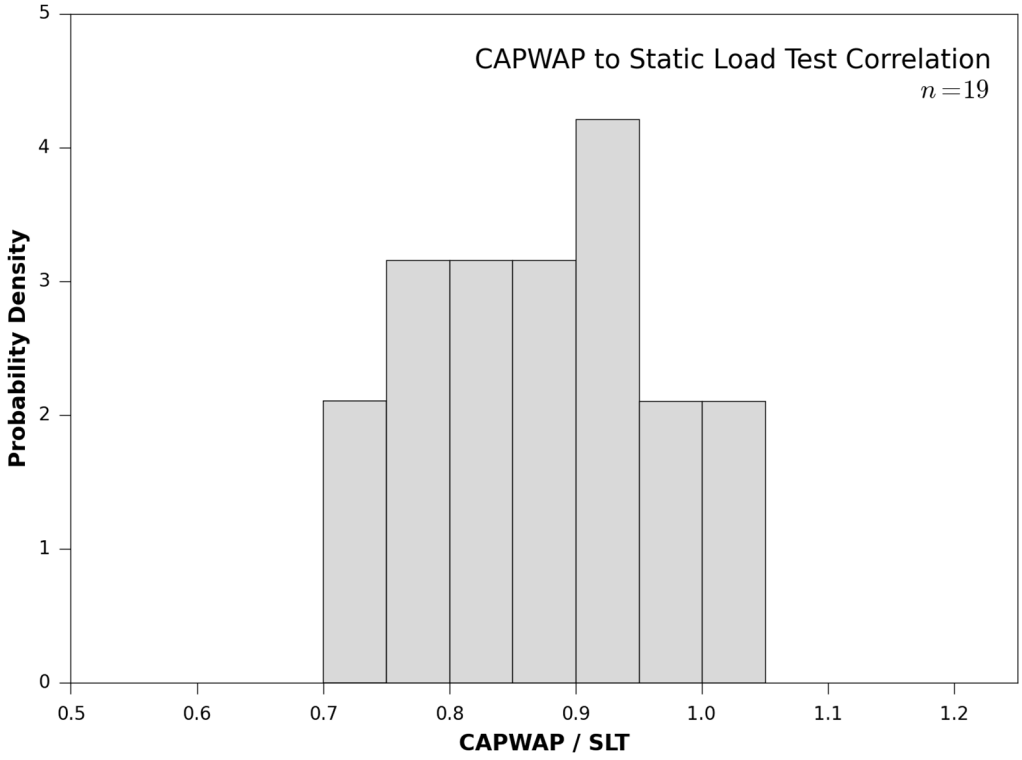
PILE DRIVING FORMULA AND LRFD

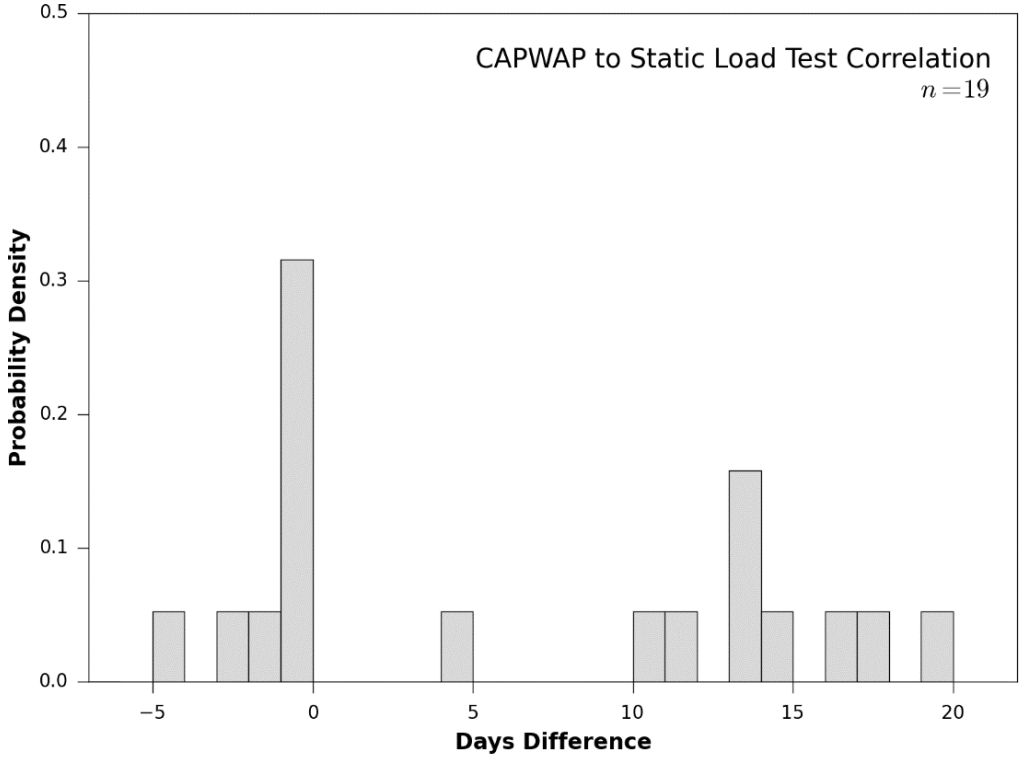
RESISTANCE FACTORS RESULTS

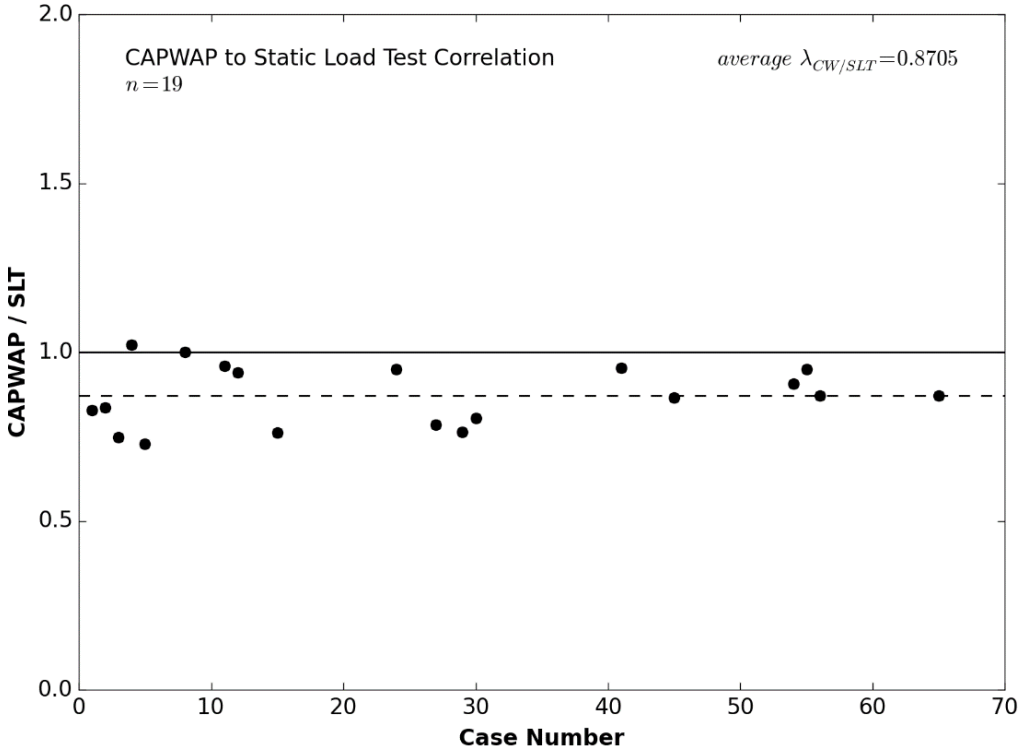
Summary of Modified Pile Driving Dynamic Formulas

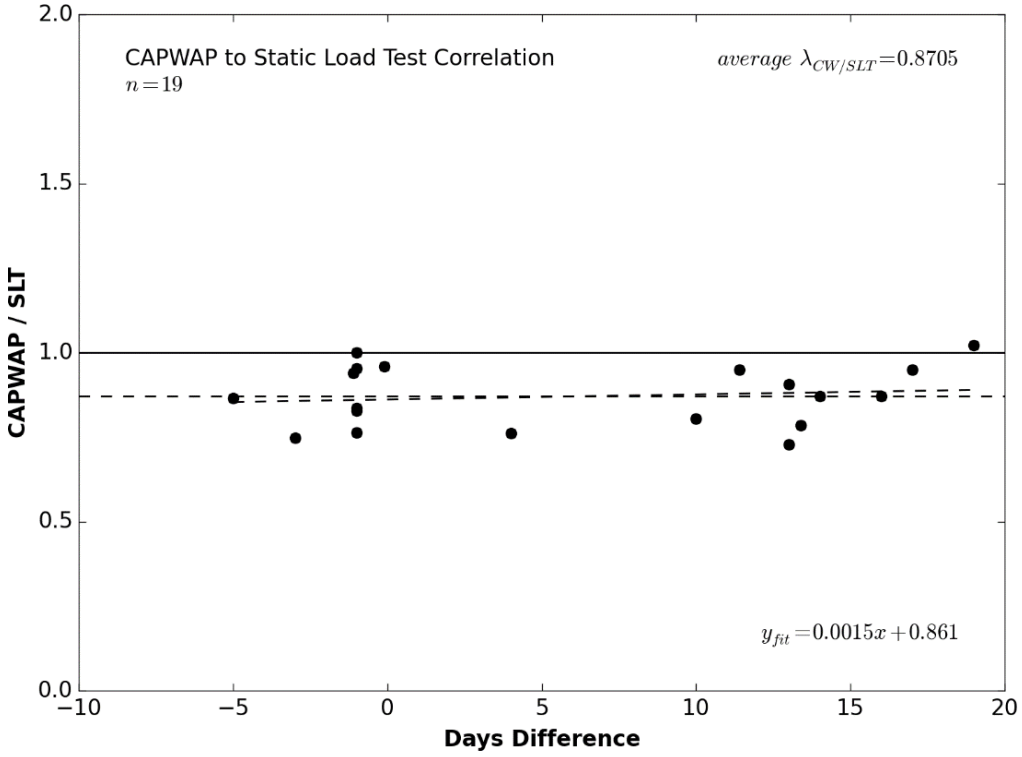
Equation No.	Type of Pile Driving Dynamic Formula	n	Formula	Resistance Factor (ϕ) $\phi_{QnD/QnL=5.0} - \phi_{QnD/QnL=2.0}$ ($\phi_{QnD/QnL=3.0}$)
47	EOID LADOTD Prediction of Long-Term Nominal Pile Capacity Geology 1,2, 3, 4, 5; OED & ECH (DFEOID)	50	$R_u = 0.5\left[\left(1.75\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$	0.651 – 0.686 (0.669)
48	EOID LADOTD Modified Gates Prediction of Long-Term Nominal Pile Capacity Geology 1,2, 3, 4, 5; OED & ECH (DFEOID-MOD)	50	$R_u = 0.5\left[\left(1.95\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$	0.570 – 0.600 (0.586)
49	BOR t ≥ 1 Day LADOTD Modified Gates Prediction of Restrike Nominal Capacity Geology 1; OED (DF1+BORSCA)	304	$R_u = 0.5\left[\left(1.65\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$	0.623 – 0.657 (0.642)
50	BOR t ≥ 1 Day Modified Gates Prediction of Restrike Nominal Capacity Geology 2, 3, 4, 5; OED (DF1+BORSCB)	61	$R_u = 0.5\left[\left(1.40\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$	0.587 – 0.620 (0.605)

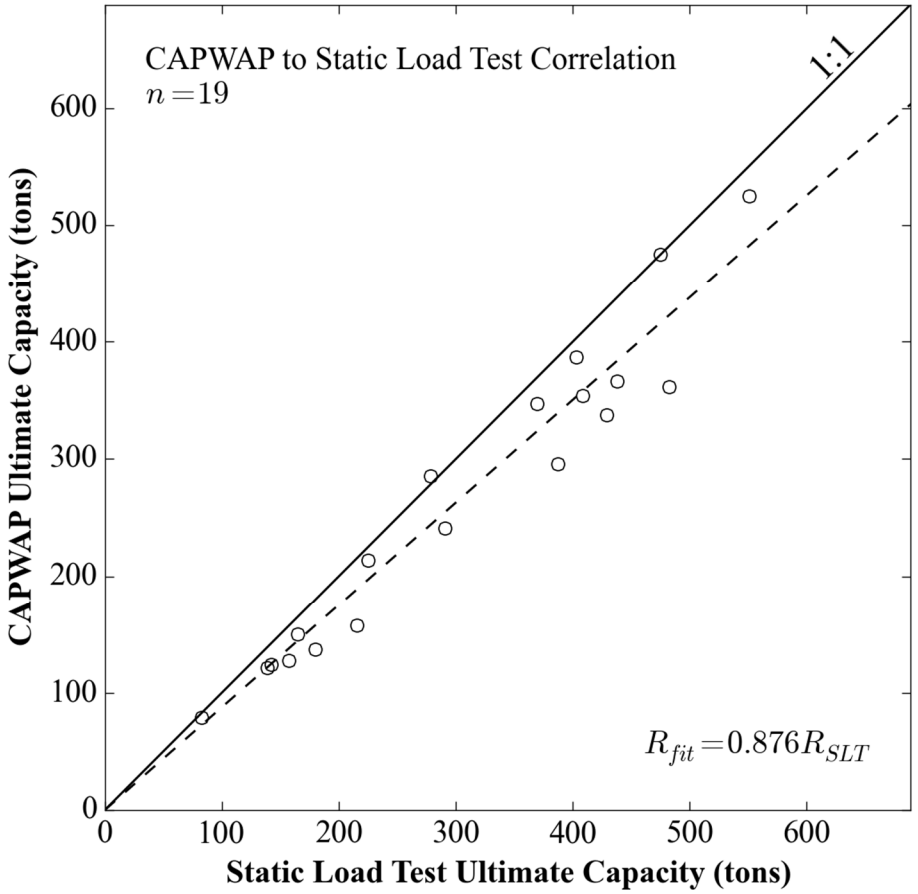
Correlation of CAPWAP with Static Load Test






CAPWAP to Static Load Test Correlation
$n=19$
$average\ \lambda_{CW/SLT}=0.8705$
CAPWAP / SLT
Case Number
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60
70


CAPWAP to Static Load Test Correlation
$n=19$
$average\ \lambda_{CW/SLT}=0.8705$
$y_{fit}=0.0015x+0.861$
CAPWAP / SLT
Days Difference
2.0
1.5
1.0
0.5
0.0
−10
−5
0
5
10
15
20



Data Used to Correlate CW Results to SLT Results

Sample No.	Case No.	Pile ID	SLT Hours After EOID	PDA Hours After EOID	Days[1] Difference	Time[2] Ratio	BOR Blow Count (bl/ft)	BOR CW Ultimate Capacity (tons)	SLT Ultimate Capacity (tons)	$\frac{CW}{SLT}$
1	1	6	336	360	-1.0	0.9	75	241	291	0.83
2	2	7	336	360	-1.0	0.9	120	366	438	0.84
3	3	9	360	432	-3.0	0.8	120	361	483	0.75
4	4	10	624	168	19.0	3.7	55	285	279	1.02
5	5	11	336	24	13.0	14.0	24	157	216	0.73
6	8	14	744	768	-1.0	1.0	72	475	475	1.00
7	11	17	147	151	-0.1	1.0	120	387	403	0.96
8	12	18	192	218	-1.1	0.9	80	347	370	0.94
9	15	21	167	72	4.0	2.3	48	137	180	0.76
10	24	32	296	22	11.4	13.4	36	213	225	0.95
11	27	34	347	24	13.4	14.5	60	337	430	0.79
12	29	251	332	356	-1.0	0.9	48	296	388	0.76
13	30	252	334	93	10.0	3.6	48	127	158	0.80
14	41	490	504	528	-1.0	1.0	100	525	551	0.95
15	45	503	336	456	-5.0	0.7	24	354	409	0.87
16	54	781	336	24	13.0	14.0	0	150	165	0.91
17	55	1036	432	24	17.0	18.0	20	79	83	0.95
18	56	1037	408	24	16.0	17.0	24	121	139	0.87
19	65	1050	360	24	14.0	15.0	36	124	143	0.87

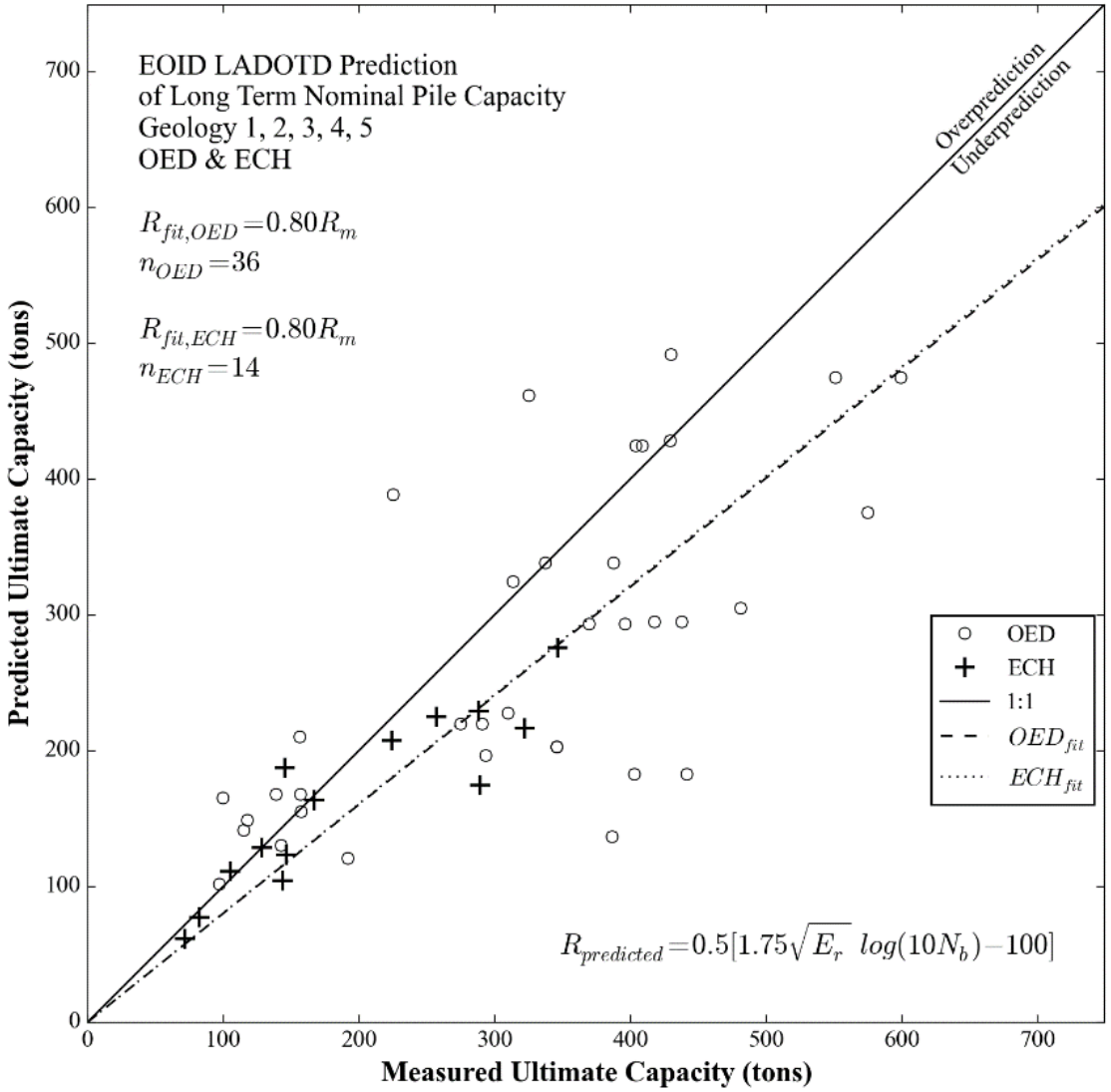
[1] Negative (-) values indicates number days BOR CW prior to SLT and positive (+) values indicate number of days BOR CW after SLT.

[2] Time Ratio = SLT Time after EOID/BOR CW Time after EOID

EOID Prediction of Long Term Nominal Pile Capacity

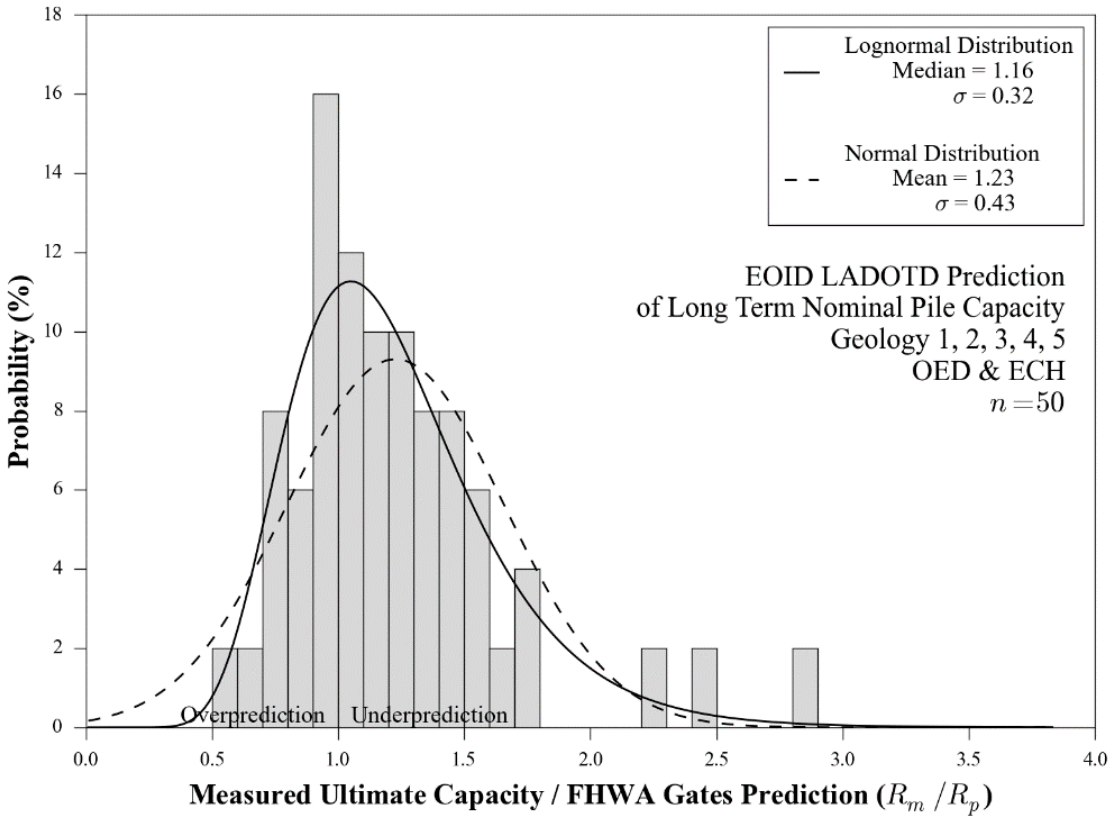
Dataset Statistics for EOID Prediction of Long Term Nominal Pile Capacity

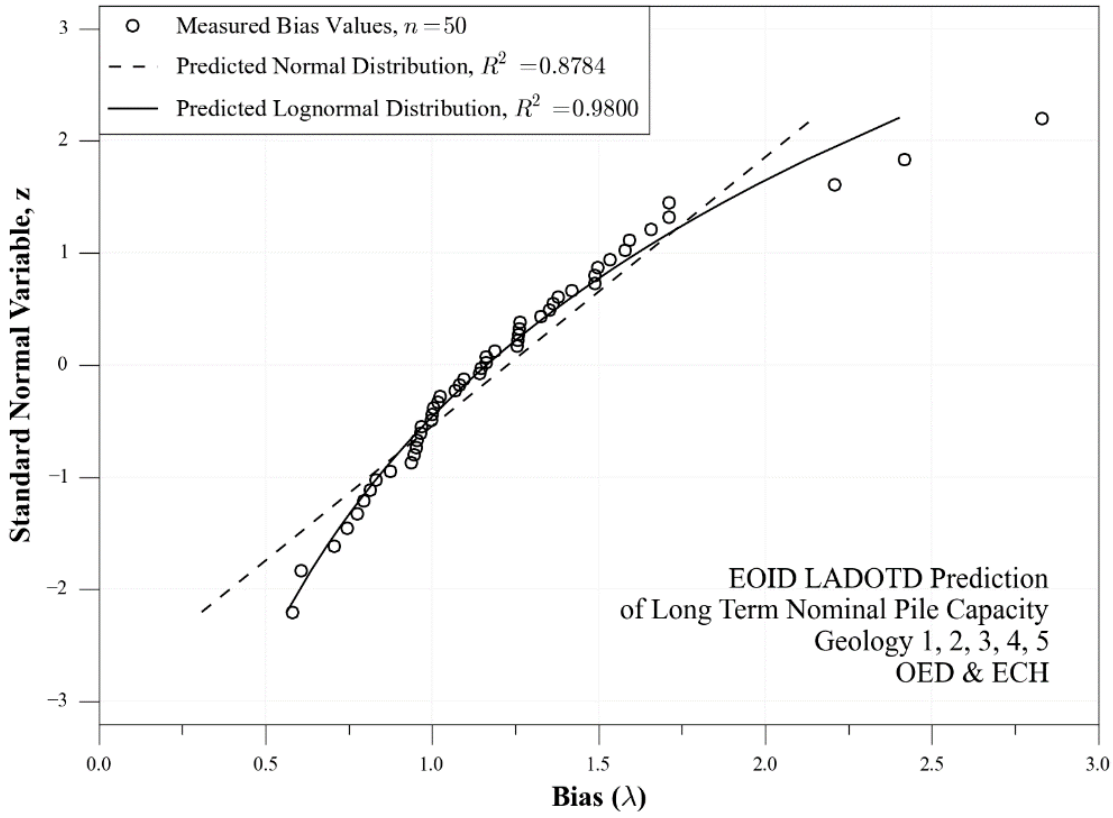
Pile Type	PPC	**E_{EOID} (ft-kip)**	$13 \le E \le 183$
Geology	1, 2, 3, 4, 5	**N_{EOID}**	$23 \le N \le 105$
Geology 1	13	**Days Since EOID**	$6.0 \le t \le 22.0$
Geology 2	13		
Geology 3	18		
Geology 4	5	**Load Testing**	SLT, CW
Geology 5	1	**SLT Failure**	Yes
Geology 6	0	**CW Mobilized**	Yes (≤ 120 bl/ft)
Hammer Type	OED & ECH	**No. SLT**	35
OED	36	**No. CW**	15
ECH	14	**Data Sets**	50

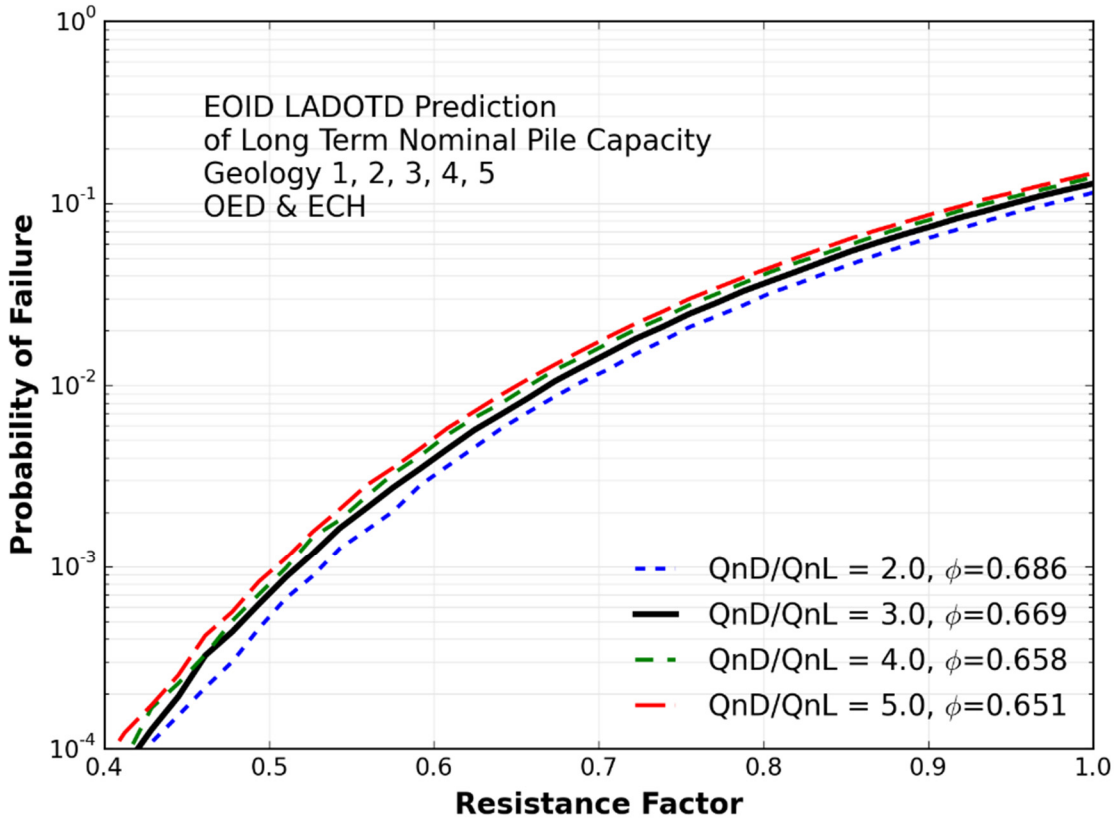


Statistics for Current LADOTD Pile Driving Formula

Gates Pile Driving Formula Coefficients	C1 =	1.75
	C2 =	10
	C3 =	100
Arithmetic Mean	Mean R_m/R_p	1.227
	Standard Deviation	0.429
	COV	0.349
Best Fit Linear Equation	Best Fit R_{fit} / R_m	0.802
	R^2	0.547
	Correlation	0.740
Difference between Predicted and Measured Capacities	Mean underprediction (tons)	89.8
	Mean overprediction (tons)	39.7




Measured Bias Values, $n = 50$
Predicted Normal Distribution, $R^2 = 0.8784$
Predicted Lognormal Distribution, $R^2 = 0.9800$
EOID LADOTD Prediction
of Long Term Nominal Pile Capacity
Geology 1, 2, 3, 4, 5
OED & ECH
Standard Normal Variable, z
Bias (λ)

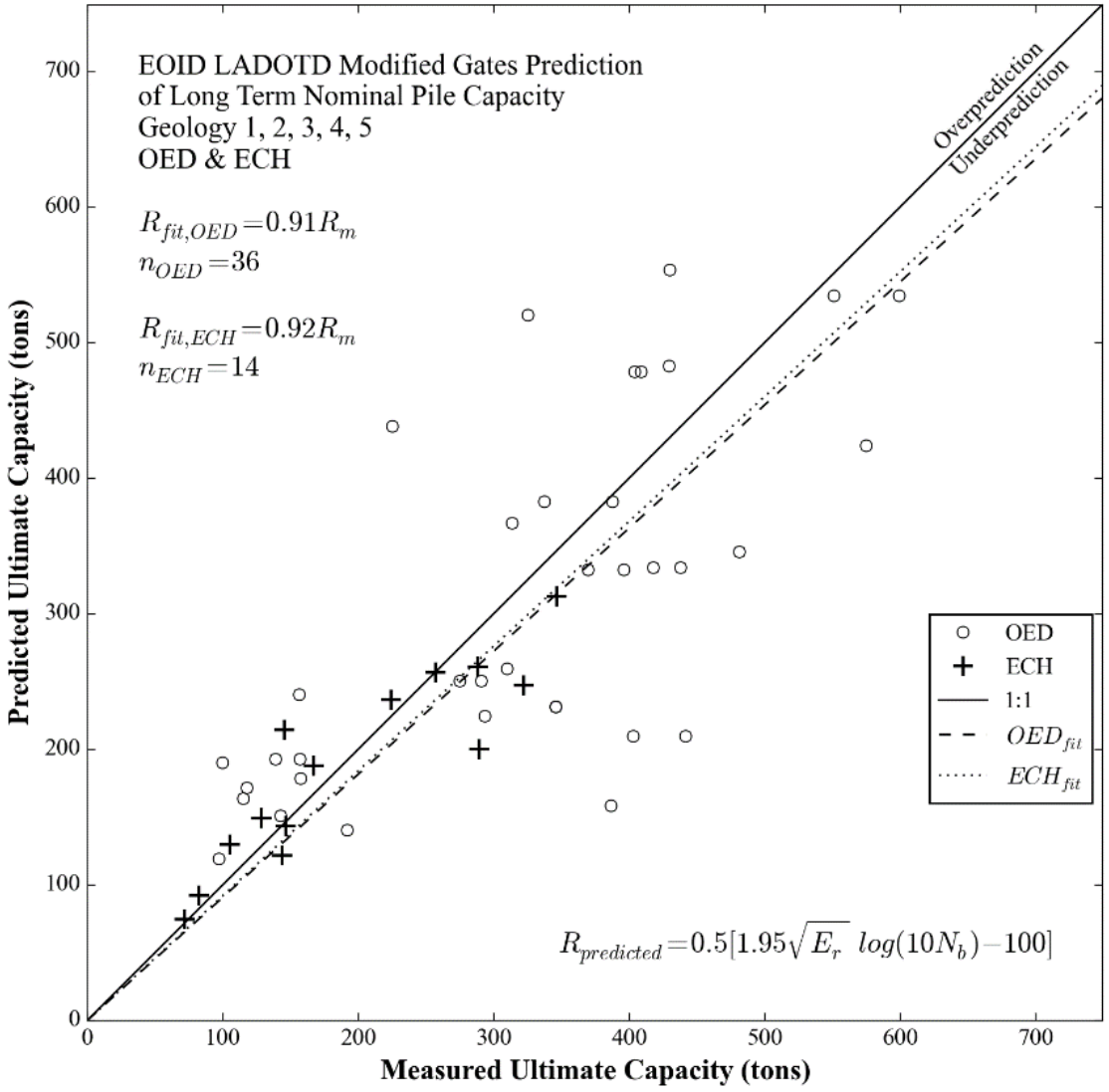

EOID LADOTD Prediction
of Long Term Nominal Pile Capacity
Geology 1, 2, 3, 4, 5
OED & ECH
QnD/QnL = 2.0, ϕ=0.686
QnD/QnL = 3.0, ϕ=0.669
QnD/QnL = 4.0, ϕ=0.658
QnD/QnL = 5.0, ϕ=0.651
Probability of Failure
Resistance Factor

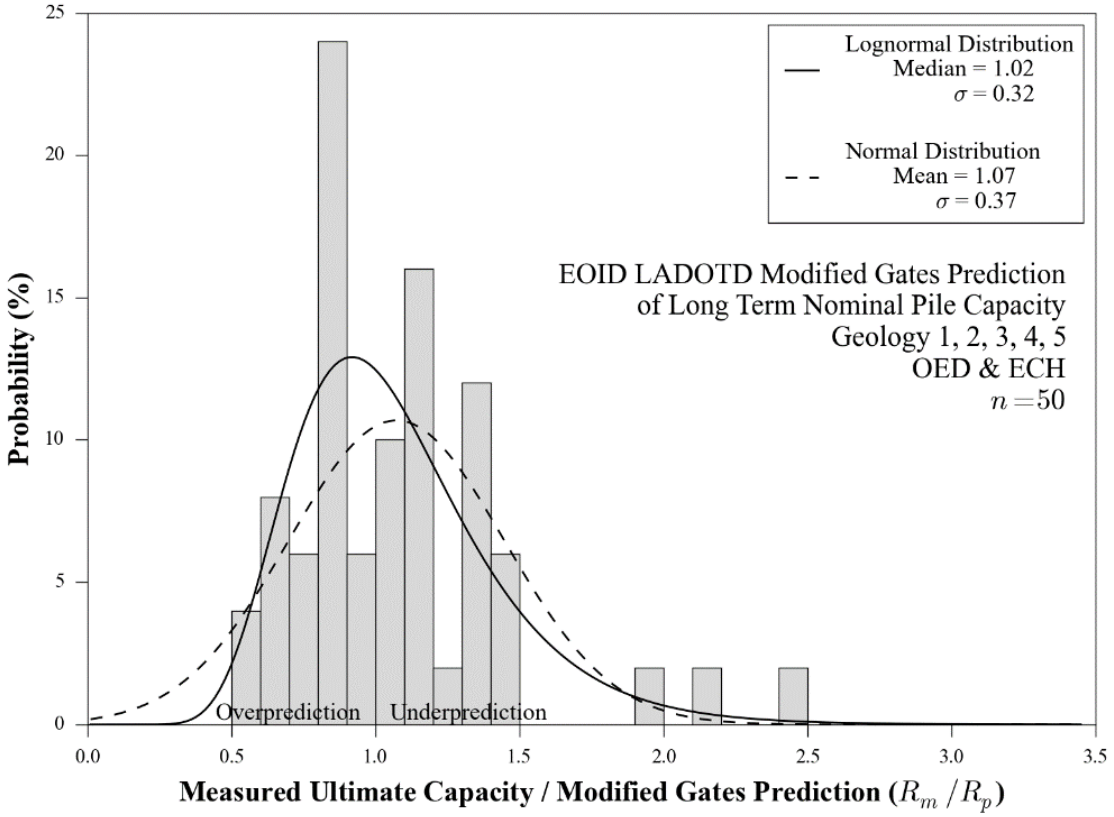
Statistics and Resistance Factors for the LADOTD Pile Driving Formula (DFEOID)

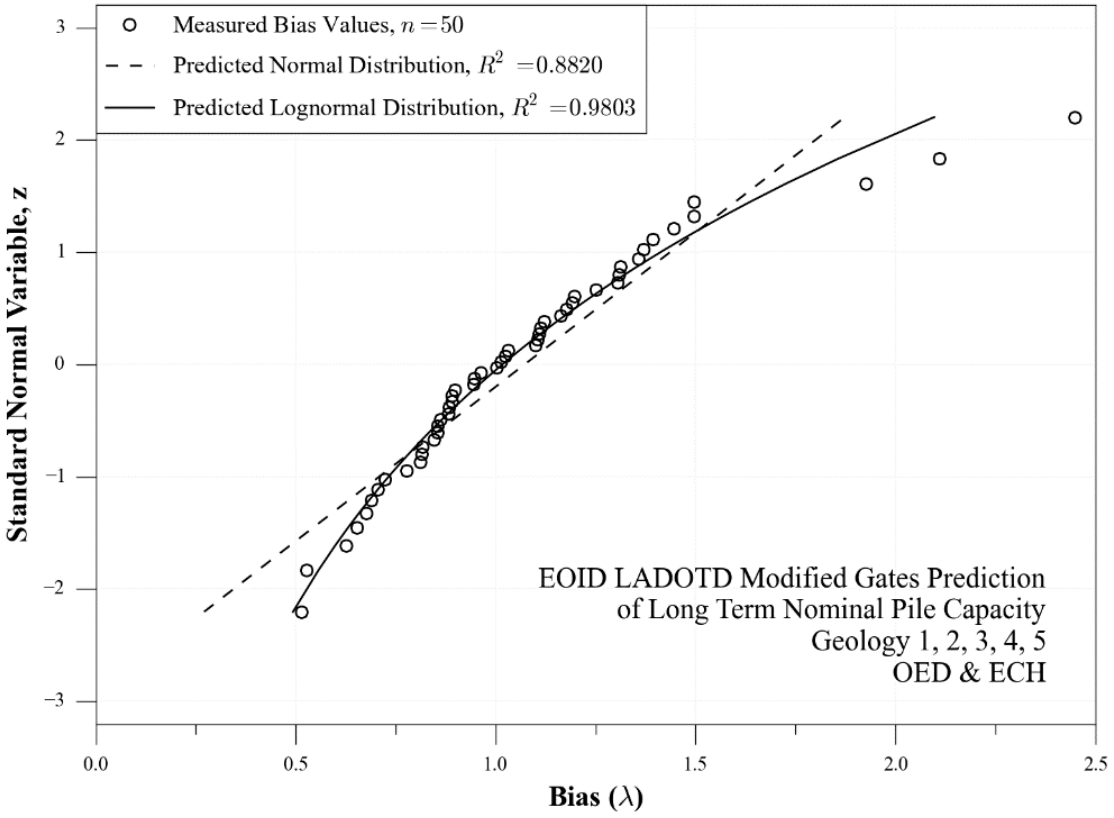
Case Category:		EOID
Description:		FHWA Gates
Geology:		1, 2, 3, 4, 5
Hammer Type:		OED & ECH
Number of Cases:		50
Lognormal distribution fit Parameters	R^2	0.980
	Median	1.164
	Sigma	0.320
Resistance Factors for $P_f = 0.01$	$Q_{nD}/Q_{nL} = 5.0$	0.651
	$Q_{nD}/Q_{nL} = 4.0$	0.658
	$Q_{nD}/Q_{nL} = 3.0$	0.669
	$Q_{nD}/Q_{nL} = 2.0$	0.686

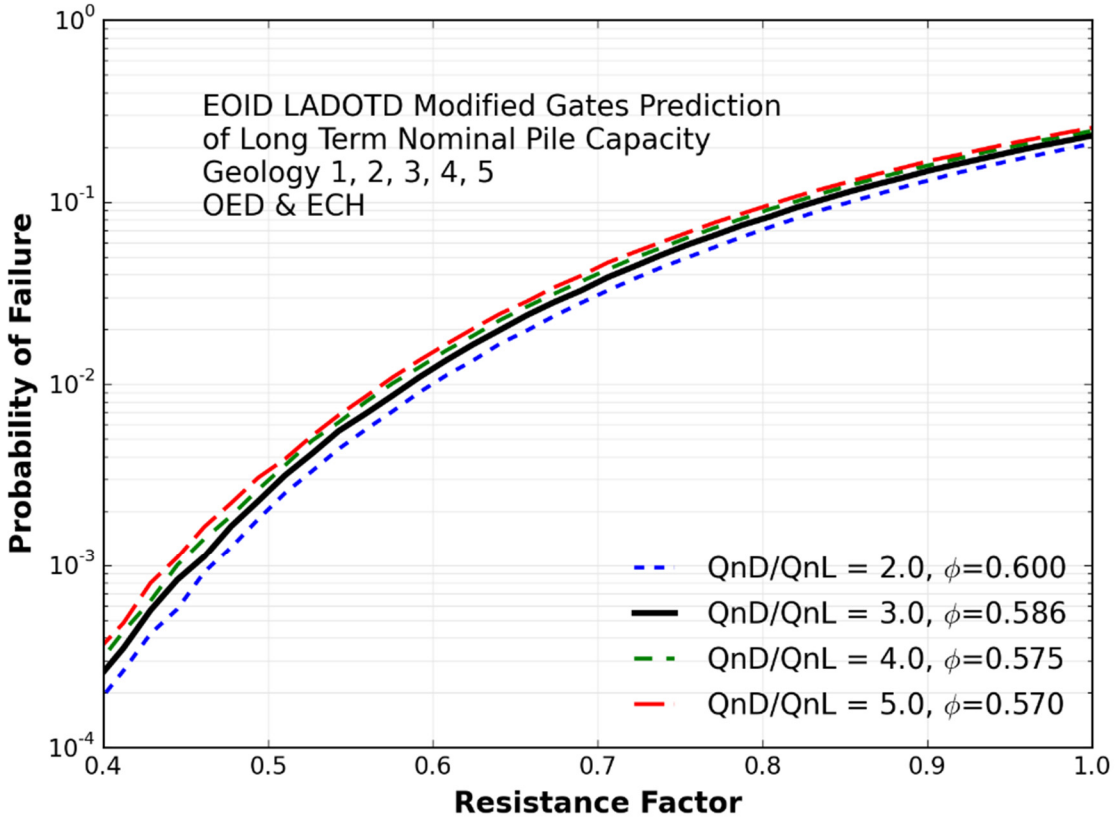
Statistics for EOID LADOTD Modified Gates Pile Driving Formula

Gates Pile Driving Formula Coefficients	C1 =	1.95
	C2 =	10
	C3 =	100
Arithmetic Mean	Mean R_m/R_p	1.072
	Standard Deviation	0.373
	COV	0.348
Best Fit Linear Equation	Best Fit R_{fit} / R_m	0.909
	R^2	0.539
	Correlation	0.734
Difference between Predicted and Measured Capacities	Mean underprediction (tons)	78.3
	Mean overprediction (tons)	58.4




Lognormal Distribution
Median = 1.02
σ = 0.32
Normal Distribution
Mean = 1.07
σ = 0.37
EOID LADOTD Modified Gates Prediction
of Long Term Nominal Pile Capacity
Geology 1, 2, 3, 4, 5
OED & ECH
n = 50
Overprediction
Underprediction
Probability (%)
Measured Ultimate Capacity / Modified Gates Prediction (R_m / R_p)


Measured Bias Values, n = 50
Predicted Normal Distribution, R² = 0.8820
Predicted Lognormal Distribution, R² = 0.9803
EOID LADOTD Modified Gates Prediction
of Long Term Nominal Pile Capacity
Geology 1, 2, 3, 4, 5
OED & ECH
Standard Normal Variable, z
Bias (λ)



Statistics and Resistance Factors for the EOID LADOTD Modified Gates Pile Driving Formula (DFEOID-MOD)

Pile Driving Condition:		EOID
Description:		LADOTD Modified Gates
Geology:		1, 2, 3, 4, 5
Hammer Type:		OED & ECH
Number of Cases:		50
Lognormal distribution fit Parameters	R^2	0.980
	Median	1.017
	Sigma	0.320
Resistance Factors for $P_f = 0.01$	$Q_{nD}/Q_{nL} = 5.0$	0.570
	$Q_{nD}/Q_{nL} = 4.0$	0.575
	$Q_{nD}/Q_{nL} = 3.0$	0.586
	$Q_{nD}/Q_{nL} = 2.0$	0.600

Summary of EOID Pile Driving Formulas and Resistance Factors

EOID Pile Driving Formulas	EOID LADOTD Pile Driving Formula (DFEOID)	EOID Modified Gates Pile Driving Formula (DFEOID-MOD)
Prediction	Long-Term Ultimate Pile Capacity	Long-Term Ultimate Pile Capacity
EOID Data	t = 0	t = 0
Geology	1, 2, 3, 4, 5	1, 2, 3, 4, 5
Hammer Type	OED & ECH	OED & ECH
Equation No.	47	48
Equation	$R_u = 0.5\left[\left(1.75\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$	$R_u = 0.5\left[\left(1.95\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$
n	50	50
$\phi_{QnD/QnL=5.0} - \phi_{QnD/QnL=2.0}$	0.651 – 0.686	0.570 – 0.600
$\phi_{QnD/QnL=3.0}$	0.669	0.586

Summary Statistics for EOID Pile Driving Formlas

EOID Pile Driving Formulas		EOID LADOTD Pile Driving Formula (DFEOID)	EOID Modified Gates Pile Driving Formula (DFEOID-MOD)
	Equation No.	47	48
Gates Pile Driving Formula Coefficients	C1 =	1.75	1.95
	C2 =	10	10
	C3 =	100	100
Arithmetic Mean	Mean R_m/R_p	1.227	1.072
	Standard Deviation	0.429	0.373
	COV	0.349	0.348
Best Fit Linear Equation	Best Fit R_{fit} / R_m	0.802	0.909
	R^2	0.547	0.539
	Correlation	0.740	0.734
Difference between Predicted and Measured Capacities	Mean underprediction (tons)	89.8	78.3
	Mean overprediction (tons)	39.7	58.4

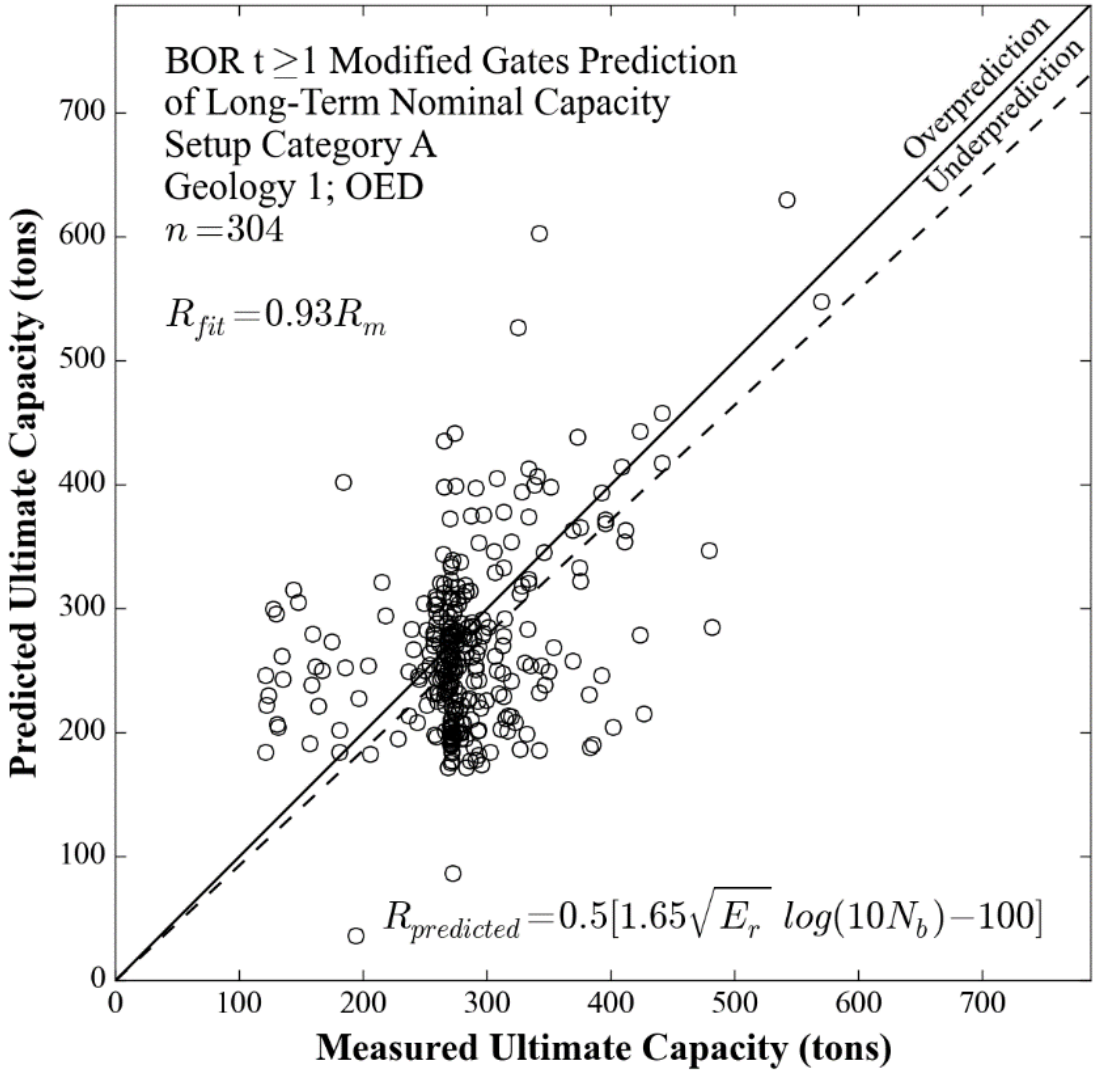
Measured						FHWA Gates			Modified Gates		
Case #	EEOID (ft-lbs)	EEOID (ft-kip)	NEOID (blows/in)	NEOID (blows/ft)	Ultimate Capacity (tons)	EOID FHWA Gates (tons)	EOID FHWA GATES / Ultimate Capacity	Ultimate Capacity / EOID FHWA GATES	EOID Mod Gates (tons)	EOID Mod Gates / Ultimate Capacity	Ultimate Capacity / EOID Mod Gates
7	182,518.90	182.52	2.33	28.00	325.27	461.4	1.418	0.705	519.8	1.598	0.626
26	123,371.30	123.37	2.42	29.00	575.00	375.1	0.652	1.533	423.7	0.737	1.357
39	66,011.40	66.01	1.08	13.00	403.00	182.6	0.453	2.207	209.2	0.519	1.926
40	66,011.40	66.01	1.08	13.00	441.34	182.6	0.414	2.417	209.2	0.474	2.110
47	63,679.20	63.68	3.58	43.00	369.50	293.2	0.793	1.260	332.4	0.900	1.112
48	63,679.20	63.68	3.58	43.00	396.14	293.2	0.740	1.351	332.4	0.839	1.192
75	52,525.20	52.53	7.33	88.00	313.50	324.1	1.034	0.967	366.8	1.170	0.855
142	28,486.70	28.49	1.83	22.00	386.50	136.6	0.353	2.830	157.9	0.408	2.448
574	73,819.20	73.82	1.08	13.00	293.31	196.0	0.668	1.496	224.1	0.764	1.309
599	143,260.00	143.26	3.83	46.00	551.00	474.5	0.861	1.161	534.4	0.970	1.031
600	143,260.00	143.26	3.83	46.00	599.18	474.5	0.792	1.263	534.4	0.892	1.121
601	19,500.00	19.50	2.08	25.00	105.00	111.1	1.058	0.945	129.6	1.234	0.810
603	106,470.00	106.47	1.75	21.00	481.50	304.9	0.633	1.579	345.5	0.717	1.394
685	114,902.00	114.90	3.00	36.00	225.00	388.1	1.725	0.580	438.2	1.947	0.513
695	136,802.00	136.80	3.00	36.00	429.50	428.0	0.997	1.003	482.7	1.124	0.890
699	33,390.60	33.39	1.17	14.00	191.96	120.6	0.628	1.592	140.1	0.730	1.370
702	60,189.50	60.19	6.42	77.00	387.50	338.0	0.872	1.147	382.3	0.987	1.014
703	60,189.50	60.19	6.42	77.00	337.25	338.0	1.002	0.998	382.3	1.134	0.882
747	60,000.00	60.00	2.00	24.00	288.00	228.9	0.795	1.258	260.7	0.905	1.105
748	60,000.00	60.00	1.58	19.00	224.00	207.1	0.925	1.082	236.5	1.056	0.947
758	12,500.00	12.50	2.00	24.00	82.50	77.3	0.937	1.068	91.8	1.113	0.898
765	26,400.00	26.40	2.50	30.00	118.00	148.7	1.261	0.793	171.5	1.453	0.688
781	19,500.00	19.50	8.75	105.00	145.00	187.3	1.292	0.774	214.4	1.479	0.676
856	44,660.00	44.66	1.50	18.00	139.00	167.5	1.205	0.830	192.3	1.384	0.723
857	44,660.00	44.66	1.50	18.00	157.04	167.5	1.066	0.938	192.3	1.225	0.817
862	35,284.60	35.28	1.25	15.00	142.50	130.3	0.914	1.094	150.9	1.059	0.944
875	41,375.00	41.38	1.42	17.00	157.50	154.9	0.984	1.017	178.3	1.132	0.883
878	103,806.00	103.81	8.33	100.00	430.00	491.5	1.143	0.875	553.4	1.287	0.777
888	130,378.00	130.38	3.17	38.00	409.00	424.1	1.037	0.964	478.3	1.169	0.855
889	130,378.00	130.38	3.17	38.00	404.02	424.1	1.050	0.953	478.3	1.184	0.845
904	33,000.00	33.00	4.33	52.00	156.50	210.2	1.343	0.745	239.9	1.533	0.652

Measured						FHWA Gates			Modified Gates		
Case #	EEOID (ft-lbs)	EEOID (ft-kip)	NEOID (blows/in)	NEOID (blows/ft)	Ultimate Capacity (tons)	EOID FHWA Gates (tons)	EOID FHWA GATES / Ultimate Capacity	Ultimate Capacity / EOID FHWA GATES	EOID Mod Gates (tons)	EOID Mod Gates / Ultimate Capacity	Ultimate Capacity / EOID Mod Gates
906	26,400.00	26.40	1.17	14.00	97.00	101.7	1.048	0.954	119.0	1.227	0.815
922	42,000.00	42.00	1.17	14.00	115.00	141.3	1.229	0.814	163.2	1.419	0.705
924	42,000.00	42.00	1.58	19.00	100.00	165.1	1.651	0.606	189.7	1.897	0.527
931	16,250.00	16.25	1.00	12.00	71.50	61.5	0.861	1.162	74.3	1.039	0.962
945	27,900.00	27.90	1.67	20.00	128.50	128.6	1.001	0.999	149.0	1.159	0.862
963	59,400.00	59.40	2.00	24.00	310.00	227.5	0.734	1.363	259.2	0.836	1.196
969	34,500.00	34.50	1.17	14.00	146.50	123.4	0.842	1.187	143.2	0.978	1.023
971	40,000.00	40.00	1.92	23.00	289.00	174.4	0.604	1.657	200.1	0.692	1.444
973	60,000.00	60.00	1.75	21.00	322.00	216.4	0.672	1.488	246.9	0.767	1.304
976	60,000.00	60.00	1.92	23.00	257.00	224.9	0.875	1.143	256.3	0.997	1.003
1012	43,736.00	43.74	6.00	72.00	346.31	275.4	0.795	1.258	312.6	0.903	1.108
1052	32,550.00	32.55	2.25	27.00	167.12	163.5	0.978	1.022	187.9	1.124	0.890
1067	41,706.00	41.71	2.58	31.00	345.92	202.3	0.585	1.710	231.2	0.668	1.496
1108	47,531.60	47.53	2.58	31.00	291.00	219.4	0.754	1.326	250.2	0.860	1.163
1109	47,531.60	47.53	2.58	31.00	275.05	219.4	0.798	1.254	250.2	0.910	1.099
1112	82,840.20	82.84	2.33	28.00	438.00	294.5	0.672	1.487	333.9	0.762	1.312
1113	82,840.20	82.84	2.33	28.00	417.71	294.5	0.705	1.418	333.9	0.799	1.251
1127	15,000.00	15.00	2.75	33.00	143.50	104.2	0.726	1.377	121.9	0.849	1.177
1143	41,706.00	41.71	2.58	31.00	345.92	202.3	0.585	1.710	231.2	0.668	1.496

BOR t ≥ 1 day Prediction of Ultimate Pile Capacity

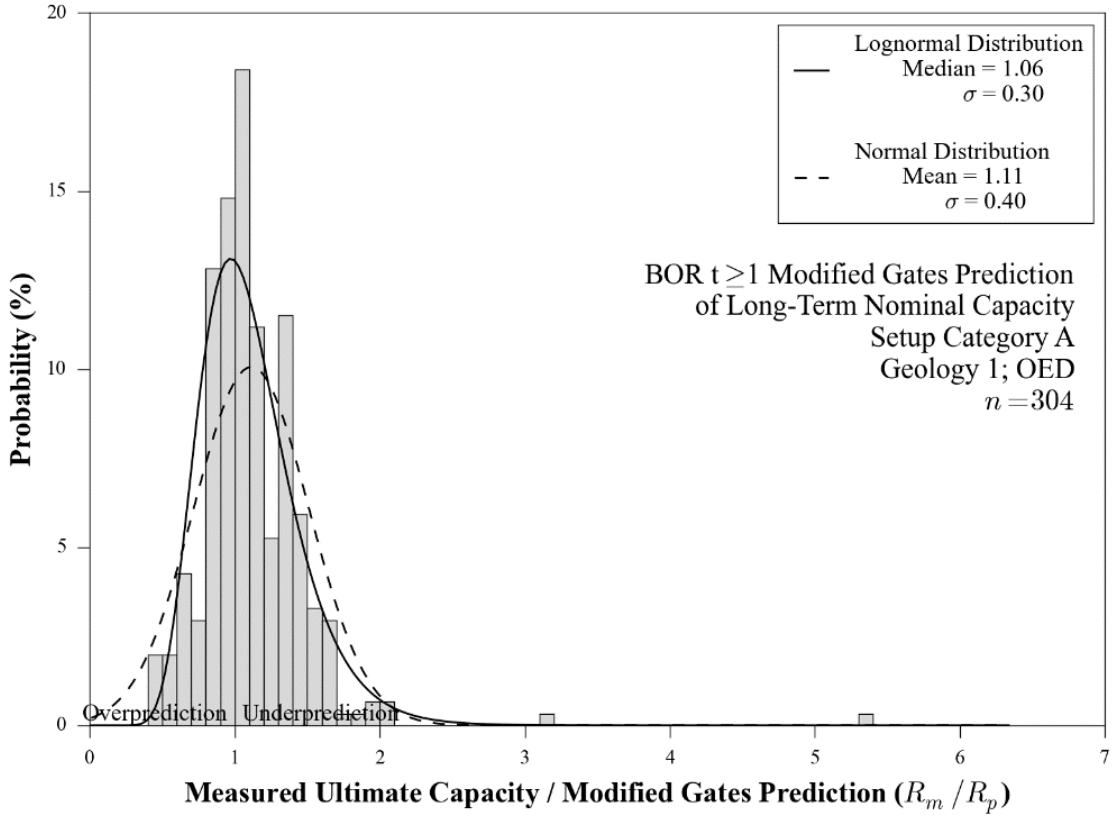
Dataset Statistics for BOR t ≥ 1 day Prediction of Ultimate Pile Capacity

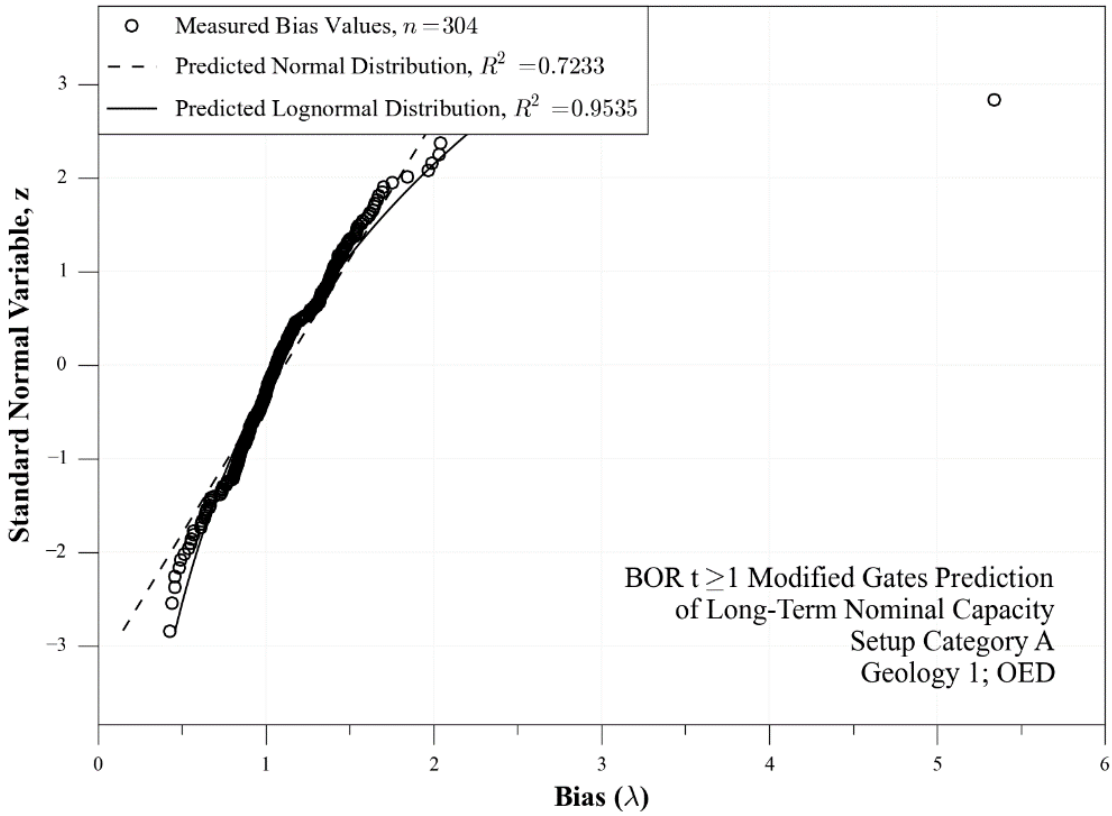
Pile Type:	PPC	E_{BOR} (ft-kip)	11 ≤ E ≤ 221
Geology:	1	N_{BOR}	12 ≤ N ≤ 120
Geology 1	304	Days Since EOID	0.8 ≤ t ≤ 50.0
Geology 2	0		
Geology 3	0		
Geology 4	0	Load Testing	SLT, CW
Geology 5	0	SLT Failure	Yes
Geology 6	0	CW Mobilized	Yes (≤ 120 bl/ft)
Hammer Type:	OED	No. SLT	1
OED	304	No. CW	303
ECH	0	Datasets	304

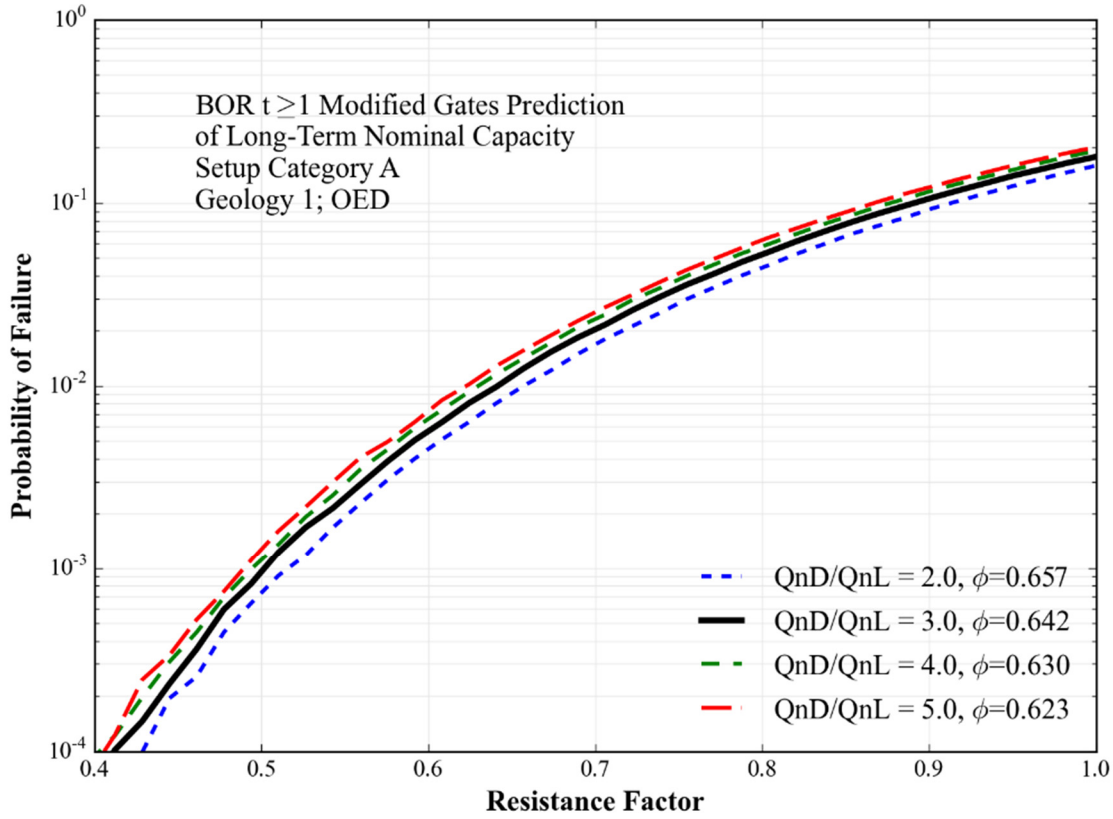


Statistics for BOR Modified Gates Pile Driving Formula (Setup Category A)

Gates Pile Driving Formula Coefficients	C1 =	1.65
	C2 =	10
	C3 =	100
Arithmetic Mean	Mean R_m/R_p	1.110
	Standard Deviation	0.396
	COV	0.356
Best Fit Linear Equation	Best Fit R_{fit} / R_m	0.929
	R^2	0.007
	Correlation	0.086
Difference between Predicted and Measured Capacities	Mean underprediction (tons)	58.6
	Mean overprediction (tons)	55.89




Measured Bias Values, $n = 304$
Predicted Normal Distribution, $R^2 = 0.7233$
Predicted Lognormal Distribution, $R^2 = 0.9535$
BOR t ≥1 Modified Gates Prediction
of Long-Term Nominal Capacity
Setup Category A
Geology 1; OED
Standard Normal Variable, z
Bias (λ)


BOR t ≥1 Modified Gates Prediction
of Long-Term Nominal Capacity
Setup Category A
Geology 1; OED
QnD/QnL = 2.0, ϕ=0.657
QnD/QnL = 3.0, ϕ=0.642
QnD/QnL = 4.0, ϕ=0.630
QnD/QnL = 5.0, ϕ=0.623
Probability of Failure
Resistance Factor

Statistics and Resistance Factors for BOR
Modified Gates Pile Driving Formula (DF1+BORSCA)

Pile Driving Condition:		BOR
Restrike Data:		$t \geq 1$ days
Description:		BOR Modified Gates
Geology:		1
Hammer Type:		OED
Number of Cases:		304
Lognormal distribution fit Parameters	R^2	0.953
	Median	1.063
	Sigma	0.300
Resistance Factors for $P_f = 0.01$	$Q_{nD}/Q_{nL} = 5.0$	0.623
	$Q_{nD}/Q_{nL} = 4.0$	0.630
	$Q_{nD}/Q_{nL} = 3.0$	0.642
	$Q_{nD}/Q_{nL} = 2.0$	0.657

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
7	177,222.10	177.22	4.58	55.00	325.27	439.5	1.351	0.740
9	220,700.00	220.70	4.83	58.00	342.39	503.9	1.472	0.680
22	214,741.10	214.74	6.00	72.00	542.34	526.8	0.971	1.030
27	204,588.90	204.59	4.00	48.00	570.53	457.2	0.801	1.248
31	139,261.70	139.26	3.00	36.00	308.15	335.9	1.090	0.917
40	80,207.40	80.21	10.00	120.00	441.34	346.5	0.785	1.274
48	78,585.00	78.59	6.67	80.00	396.14	307.9	0.777	1.287
70	75,036.00	75.04	10.00	120.00	184.20	333.5	1.810	0.552
574	73,819.20	73.82	1.08	13.00	293.31	146.8	0.500	1.998
603	106,470.00	106.47	1.75	21.00	481.50	233.9	0.486	2.058
619	50,260.00	50.26	1.83	22.00	121.32	148.2	1.222	0.818
2	70,777.20	70.78	1.92	23.00	257.08	240.0	0.934	1.071
3	93,997.80	94.00	2.92	35.00	262.50	331.8	1.264	0.791
4	89,637.60	89.64	1.67	20.00	265.35	260.9	0.983	1.017
5	79,396.20	79.40	1.42	17.00	278.02	225.7	0.812	1.232
36	87,812.40	87.81	3.33	40.00	375.83	333.6	0.888	1.127
45	94,504.80	94.50	6.67	80.00	333.60	426.6	1.279	0.782
67	68,242.20	68.24	4.00	48.00	129.76	305.7	2.356	0.424
138	40,718.90	40.72	6.25	75.00	349.81	258.0	0.738	1.356
151	73,819.20	73.82	4.92	59.00	306.27	340.7	1.112	0.899
153	83,148.00	83.15	4.67	56.00	479.34	359.1	0.749	1.335
154	89,130.60	89.13	2.17	26.00	159.04	289.0	1.817	0.550

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
160	85,581.60	85.58	1.00	12.00	157.21	198.7	1.264	0.791
164	10,951.20	10.95	1.00	12.00	193.91	39.0	0.201	4.978
165	79,396.20	79.40	1.00	12.00	205.55	189.5	0.922	1.085
168	82,235.40	82.24	1.08	13.00	228.43	202.2	0.885	1.130
169	101,400.00	101.40	1.42	17.00	185.46	261.6	1.411	0.709
177	70,067.40	70.07	1.75	21.00	164.29	229.7	1.398	0.715
178	101,907.00	101.91	1.00	12.00	236.93	221.3	0.934	1.070
179	100,284.60	100.28	2.50	30.00	143.97	326.3	2.266	0.441
180	101,907.00	101.91	1.42	17.00	161.72	262.4	1.622	0.616
182	70,473.00	70.47	1.17	14.00	180.78	190.8	1.055	0.948
183	73,819.20	73.82	1.33	16.00	180.84	209.8	1.160	0.862
186	99,169.20	99.17	1.17	14.00	196.19	235.6	1.201	0.833
187	77,064.00	77.06	1.67	20.00	123.94	238.3	1.923	0.520
189	112,756.80	112.76	1.33	16.00	134.16	271.1	2.021	0.495
192	78,990.60	78.99	1.83	22.00	135.19	251.8	1.862	0.537
195	58,812.00	58.81	1.92	23.00	130.62	214.4	1.641	0.609
196	91,969.80	91.97	1.42	17.00	158.75	246.8	1.554	0.643
197	78,990.60	78.99	1.25	15.00	131.65	212.0	1.611	0.621
198	86,494.20	86.49	2.75	33.00	127.82	309.8	2.424	0.413
199	88,218.00	88.22	2.08	25.00	174.56	282.9	1.621	0.617
202	75,948.60	75.95	2.17	26.00	204.52	262.9	1.285	0.778
204	74,224.80	74.22	2.17	26.00	166.74	259.3	1.555	0.643
205	101,400.00	101.40	2.25	27.00	147.85	316.0	2.137	0.468

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
206	72,805.20	72.81	1.67	20.00	122.18	230.2	1.884	0.531
207	67,228.20	67.23	2.42	29.00	121.20	254.8	2.103	0.476
209	85,581.60	85.58	1.75	21.00	308.03	259.1	0.841	1.189
210	99,169.20	99.17	1.17	14.00	265.18	235.6	0.888	1.126
212	78,280.80	78.28	1.67	20.00	260.04	240.6	0.925	1.081
213	91,057.20	91.06	2.08	25.00	423.88	288.3	0.680	1.470
214	88,725.00	88.73	2.25	27.00	251.88	292.4	1.161	0.862
215	88,218.00	88.22	1.92	23.00	265.75	273.8	1.030	0.971
216	112,756.80	112.76	2.17	26.00	265.41	331.3	1.248	0.801
217	77,875.20	77.88	2.08	25.00	291.20	262.8	0.903	1.108
218	88,218.00	88.22	1.75	21.00	253.94	263.8	1.039	0.963
219	86,190.00	86.19	1.67	20.00	266.72	254.9	0.956	1.046
220	88,218.00	88.22	1.42	17.00	266.49	240.7	0.903	1.107
221	79,801.80	79.80	1.67	20.00	268.77	243.4	0.906	1.104
222	87,812.40	87.81	1.58	19.00	245.26	252.2	1.028	0.973
224	89,637.60	89.64	1.92	23.00	240.36	276.4	1.150	0.870
225	91,969.80	91.97	2.00	24.00	256.73	285.4	1.112	0.900
226	109,005.00	109.01	4.42	53.00	265.29	411.7	1.552	0.644
228	87,812.40	87.81	9.67	116.00	265.41	450.1	1.696	0.590
229	89,130.60	89.13	2.50	30.00	218.50	304.7	1.395	0.717
230	102,515.40	102.52	2.25	27.00	259.36	318.0	1.226	0.816
231	115,494.60	115.49	1.83	22.00	248.97	314.9	1.265	0.791
232	91,564.20	91.56	2.25	27.00	259.47	297.8	1.148	0.871

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
233	83,046.60	83.05	2.08	25.00	253.94	273.0	1.075	0.930
234	88,725.00	88.73	2.58	31.00	268.09	307.5	1.147	0.872
235	84,770.40	84.77	1.83	22.00	263.47	262.6	0.997	1.003
236	89,130.60	89.13	1.58	19.00	244.81	254.4	1.039	0.962
237	87,812.40	87.81	2.33	28.00	301.24	294.6	0.978	1.023
238	99,676.20	99.68	1.42	17.00	249.89	259.0	1.036	0.965
239	85,581.60	85.58	1.08	13.00	275.56	207.3	0.752	1.329
240	95,518.80	95.52	1.17	14.00	251.20	230.3	0.917	1.091
241	99,169.20	99.17	1.42	17.00	273.91	258.2	0.943	1.061
242	70,777.20	70.78	1.50	18.00	243.89	216.0	0.885	1.129
243	96,025.80	96.03	1.25	15.00	261.93	238.9	0.912	1.096
244	102,515.40	102.52	2.00	24.00	262.50	304.1	1.158	0.863
245	77,064.00	77.06	1.75	21.00	266.49	243.3	0.913	1.095
246	84,162.00	84.16	1.67	20.00	293.31	251.3	0.857	1.167
247	81,120.00	81.12	2.17	26.00	291.60	273.4	0.938	1.067
248	71,994.00	71.99	1.50	18.00	287.61	218.2	0.759	1.318
249	97,546.80	97.55	1.92	23.00	256.68	290.5	1.132	0.884
250	98,053.80	98.05	1.17	14.00	275.17	234.0	0.850	1.176
251	103,630.80	103.63	1.83	22.00	288.35	295.7	1.025	0.975
252	101,400.00	101.40	1.58	19.00	271.46	274.7	1.012	0.988
253	110,526.00	110.53	1.83	22.00	259.70	307.0	1.182	0.846
255	95,011.80	95.01	1.67	20.00	288.18	270.1	0.937	1.067
256	87,812.40	87.81	2.33	28.00	284.75	294.6	1.034	0.967

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
257	88,218.00	88.22	1.33	16.00	284.69	234.0	0.822	1.217
258	104,239.20	104.24	1.58	19.00	293.20	279.2	0.952	1.050
259	84,162.00	84.16	1.75	21.00	312.83	256.5	0.820	1.219
260	97,546.80	97.55	1.50	18.00	273.97	262.2	0.957	1.045
261	106,571.40	106.57	1.33	16.00	277.33	262.2	0.945	1.058
262	88,218.00	88.22	1.67	20.00	273.80	258.5	0.944	1.059
263	101,400.00	101.40	2.33	28.00	258.79	320.3	1.238	0.808
264	87,204.00	87.20	2.08	25.00	275.68	281.0	1.019	0.981
265	82,641.00	82.64	2.42	29.00	272.83	288.0	1.056	0.947
266	92,476.80	92.48	2.00	24.00	268.37	286.3	1.067	0.937
267	90,144.60	90.14	2.58	31.00	273.91	310.4	1.133	0.882
268	93,997.80	94.00	1.42	17.00	320.13	250.0	0.781	1.280
269	110,830.20	110.83	1.33	16.00	280.30	268.3	0.957	1.045
270	85,987.20	85.99	1.67	20.00	263.92	254.5	0.964	1.037
271	92,983.80	92.98	1.50	18.00	266.38	254.8	0.957	1.045
272	85,581.60	85.58	2.92	35.00	259.59	314.3	1.211	0.826
273	93,997.80	94.00	1.92	23.00	276.19	284.2	1.029	0.972
274	74,529.00	74.53	2.00	24.00	262.78	251.9	0.959	1.043
277	105,963.00	105.96	1.58	19.00	267.97	281.9	1.052	0.951
279	93,997.80	94.00	2.25	27.00	314.03	302.4	0.963	1.039
280	89,130.60	89.13	1.50	18.00	268.20	248.5	0.926	1.080
281	105,354.60	105.35	2.08	25.00	276.82	313.8	1.134	0.882
282	92,476.80	92.48	1.58	19.00	291.49	260.1	0.892	1.121

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
283	85,987.20	85.99	1.75	21.00	264.27	259.8	0.983	1.017
284	97,546.80	97.55	1.83	22.00	289.26	285.4	0.987	1.014
285	85,581.60	85.58	1.92	23.00	265.98	268.9	1.011	0.989
286	85,176.00	85.18	1.92	23.00	273.17	268.2	0.982	1.019
287	93,997.80	94.00	2.17	26.00	279.33	298.1	1.067	0.937
288	84,770.40	84.77	1.83	22.00	334.97	262.6	0.784	1.275
290	105,354.60	105.35	1.67	20.00	275.05	287.1	1.044	0.958
292	93,490.80	93.49	2.00	24.00	281.90	288.1	1.022	0.978
293	83,046.60	83.05	2.00	24.00	276.71	268.7	0.971	1.030
294	113,466.60	113.47	1.58	19.00	239.10	293.5	1.227	0.815
295	91,564.20	91.56	1.58	19.00	236.48	258.5	1.093	0.915
296	99,169.20	99.17	1.75	21.00	271.34	282.7	1.042	0.960
297	105,354.60	105.35	1.50	18.00	282.98	274.5	0.970	1.031
298	99,676.20	99.68	1.50	18.00	330.75	265.6	0.803	1.245
300	89,130.60	89.13	2.17	26.00	280.81	289.0	1.029	0.972
301	97,546.80	97.55	1.92	23.00	297.31	290.5	0.977	1.023
302	94,504.80	94.50	2.08	25.00	270.66	294.6	1.088	0.919
303	90,550.20	90.55	1.75	21.00	271.17	267.9	0.988	1.012
304	89,637.60	89.64	2.33	28.00	267.75	298.1	1.113	0.898
305	107,179.80	107.18	1.67	20.00	270.83	290.0	1.071	0.934
306	99,676.20	99.68	1.83	22.00	269.74	289.0	1.071	0.933
307	89,130.60	89.13	1.83	22.00	269.23	270.6	1.005	0.995
308	91,564.20	91.56	1.50	18.00	259.07	252.5	0.975	1.026

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
309	87,305.40	87.31	2.08	25.00	261.64	281.2	1.075	0.930
312	90,144.60	90.14	2.00	24.00	271.06	282.0	1.040	0.961
314	86,494.20	86.49	1.67	20.00	270.31	255.4	0.945	1.058
316	91,969.80	91.97	2.00	24.00	285.32	285.4	1.000	1.000
317	91,057.20	91.06	1.58	19.00	271.40	257.7	0.949	1.053
319	111,540.00	111.54	2.58	31.00	272.37	350.9	1.288	0.776
320	95,011.80	95.01	2.08	25.00	288.18	295.5	1.025	0.975
321	90,144.60	90.14	2.17	26.00	276.08	290.9	1.054	0.949
322	85,176.00	85.18	7.00	84.00	328.29	407.7	1.242	0.805
323	81,018.60	81.02	8.08	97.00	351.52	411.5	1.171	0.854
325	87,812.40	87.81	6.92	83.00	338.34	413.4	1.222	0.818
327	93,490.80	93.49	6.00	72.00	275.17	412.1	1.498	0.668
328	96,532.80	96.53	1.75	21.00	354.03	278.3	0.786	1.272
329	85,176.00	85.18	3.25	39.00	286.75	325.1	1.134	0.882
330	91,969.80	91.97	6.67	80.00	340.73	420.2	1.233	0.811
331	91,969.80	91.97	5.92	71.00	392.38	406.8	1.037	0.965
333	92,983.80	92.98	4.83	58.00	333.77	386.5	1.158	0.863
334	90,550.20	90.55	3.92	47.00	346.44	357.4	1.032	0.969
335	90,144.60	90.14	4.75	57.00	375.48	377.9	1.006	0.994
336	101,907.00	101.91	3.42	41.00	411.26	366.1	0.890	1.123
337	84,770.40	84.77	5.25	63.00	411.95	375.7	0.912	1.096
339	99,676.20	99.68	8.92	107.00	441.17	473.4	1.073	0.932
340	90,550.20	90.55	7.42	89.00	408.58	428.4	1.048	0.954

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
341	111,540.00	111.54	6.17	74.00	423.70	458.2	1.081	0.925
342	89,130.60	89.13	4.75	57.00	369.26	375.5	1.017	0.983
343	100,284.60	100.28	7.42	89.00	373.43	453.4	1.214	0.824
345	96,532.80	96.53	1.92	23.00	257.59	288.7	1.121	0.892
346	91,564.20	91.56	2.17	26.00	333.03	293.6	0.882	1.134
352	82,235.40	82.24	1.92	23.00	343.47	262.6	0.765	1.308
356	75,644.40	75.64	1.25	15.00	332.34	206.4	0.621	1.610
357	87,305.40	87.31	1.83	22.00	369.44	267.3	0.723	1.382
358	83,452.20	83.45	1.50	18.00	382.45	238.8	0.624	1.602
359	84,770.40	84.77	3.58	43.00	333.54	334.7	1.003	0.997
360	78,990.60	78.99	1.33	16.00	315.51	218.7	0.693	1.442
362	86,899.80	86.90	1.08	13.00	293.54	209.3	0.713	1.403
365	85,581.60	85.58	2.58	31.00	296.74	301.2	1.015	0.985
366	89,637.60	89.64	2.92	35.00	326.47	322.8	0.989	1.011
367	103,630.80	103.63	1.25	15.00	270.09	250.1	0.926	1.080
369	88,725.00	88.73	1.08	13.00	401.73	212.0	0.528	1.895
370	90,144.60	90.14	1.00	12.00	257.53	205.2	0.797	1.255
371	85,176.00	85.18	2.92	35.00	258.10	313.4	1.214	0.824
372	82,235.40	82.24	3.58	43.00	276.36	328.9	1.190	0.840
374	69,763.20	69.76	3.42	41.00	270.43	294.3	1.088	0.919
375	104,239.20	104.24	3.25	39.00	293.31	364.9	1.244	0.804
376	95,518.80	95.52	3.50	42.00	264.78	355.6	1.343	0.745
378	95,518.80	95.52	4.75	57.00	313.28	390.5	1.246	0.802

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
379	85,581.60	85.58	1.25	15.00	426.84	222.8	0.522	1.916
380	100,284.60	100.28	4.25	51.00	297.13	388.3	1.307	0.765
382	91,969.80	91.97	3.83	46.00	305.92	358.2	1.171	0.854
383	88,218.00	88.22	1.50	18.00	346.84	246.9	0.712	1.405
388	77,875.20	77.88	4.83	58.00	278.93	349.5	1.253	0.798
389	74,529.00	74.53	5.00	60.00	374.80	344.2	0.918	1.089
390	72,805.20	72.81	3.58	43.00	273.34	306.5	1.121	0.892
391	96,025.80	96.03	4.33	52.00	395.91	381.1	0.963	1.039
394	88,725.00	88.73	3.00	36.00	265.58	324.0	1.220	0.820
395	63,375.00	63.38	1.75	21.00	322.76	216.0	0.669	1.494
397	75,948.60	75.95	2.00	24.00	392.43	254.8	0.649	1.540
398	83,046.60	83.05	2.67	32.00	288.29	299.3	1.038	0.963
399	99,169.20	99.17	5.25	63.00	291.20	410.4	1.409	0.709
401	67,836.60	67.84	1.25	15.00	342.04	192.8	0.564	1.774
402	85,581.60	85.58	1.25	15.00	274.25	222.8	0.812	1.231
406	77,875.20	77.88	3.58	43.00	272.20	318.7	1.171	0.854
407	76,354.20	76.35	1.00	12.00	290.86	184.9	0.636	1.573
408	83,046.60	83.05	1.00	12.00	383.30	195.0	0.509	1.966
410	97,039.80	97.04	4.50	54.00	287.61	387.7	1.348	0.742
411	66,619.80	66.62	1.17	14.00	271.57	184.1	0.678	1.475
412	70,473.00	70.47	4.83	58.00	282.70	330.0	1.167	0.857
413	85,176.00	85.18	4.00	48.00	271.00	347.4	1.282	0.780
414	73,109.40	73.11	1.50	18.00	319.56	220.3	0.689	1.451

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
415	74,934.60	74.93	1.67	20.00	299.87	234.3	0.781	1.280
416	71,081.40	71.08	1.58	19.00	317.11	221.8	0.700	1.429
417	84,263.40	84.26	2.17	26.00	312.88	279.6	0.894	1.119
418	70,473.00	70.47	1.75	21.00	279.56	230.5	0.824	1.213
419	97,039.80	97.04	1.25	15.00	342.50	240.4	0.702	1.424
420	81,018.60	81.02	2.42	29.00	271.57	284.7	1.048	0.954
423	87,305.40	87.31	1.08	13.00	311.34	209.9	0.674	1.483
424	60,941.40	60.94	1.50	18.00	270.89	196.8	0.726	1.377
425	83,452.20	83.45	2.17	26.00	270.66	278.0	1.027	0.974
428	78,585.00	78.59	1.08	13.00	270.89	196.6	0.726	1.378
430	78,990.60	78.99	1.08	13.00	385.53	197.2	0.512	1.955
431	77,064.00	77.06	1.33	16.00	279.73	215.4	0.770	1.298
432	83,452.20	83.45	1.33	16.00	273.45	226.2	0.827	1.209
433	80,613.00	80.61	1.17	14.00	272.20	207.5	0.762	1.312
434	82,235.40	82.24	1.25	15.00	274.88	217.4	0.791	1.265
435	86,494.20	86.49	1.08	13.00	275.56	208.7	0.757	1.321
436	75,238.80	75.24	1.75	21.00	310.09	239.8	0.773	1.293
437	77,875.20	77.88	1.17	14.00	273.45	203.1	0.743	1.347
438	75,644.40	75.64	1.00	12.00	286.24	183.8	0.642	1.557
439	64,591.80	64.59	1.75	21.00	270.94	218.5	0.807	1.240
441	73,819.20	73.82	1.00	12.00	295.94	180.9	0.611	1.636
448	82,641.00	82.64	2.42	29.00	296.79	288.0	0.970	1.031
449	86,494.20	86.49	1.58	19.00	289.49	249.9	0.863	1.159

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
451	81,424.20	81.42	1.17	14.00	316.94	208.8	0.659	1.518
452	95,011.80	95.01	1.25	15.00	313.91	237.4	0.756	1.322
454	98,358.00	98.36	2.42	29.00	271.06	318.7	1.176	0.850
456	84,770.40	84.77	1.00	12.00	271.00	197.5	0.729	1.372
457	81,018.60	81.02	1.25	15.00	281.10	215.4	0.766	1.305
458	81,829.80	81.83	2.08	25.00	306.49	270.7	0.883	1.132
459	78,990.60	78.99	3.58	43.00	281.39	321.3	1.142	0.876
463	111,540.00	111.54	2.08	25.00	283.04	324.4	1.146	0.873
464	85,176.00	85.18	3.92	47.00	270.89	345.2	1.274	0.785
466	74,934.60	74.93	1.00	12.00	270.94	182.7	0.674	1.483
469	87,305.40	87.31	1.08	13.00	270.66	209.9	0.775	1.290
471	79,801.80	79.80	1.00	12.00	271.80	190.1	0.699	1.430
472	88,725.00	88.73	1.75	21.00	271.00	264.7	0.977	1.024
473	88,218.00	88.22	3.17	38.00	271.23	328.8	1.212	0.825
475	88,725.00	88.73	2.25	27.00	274.59	292.4	1.065	0.939
476	72,095.40	72.10	1.00	12.00	268.72	178.2	0.663	1.508
478	75,238.80	75.24	1.08	13.00	302.90	191.3	0.631	1.584
479	83,452.20	83.45	3.50	42.00	328.41	329.1	1.002	0.998
481	100,791.60	100.79	1.42	17.00	268.77	260.7	0.970	1.031
482	97,546.80	97.55	1.17	14.00	292.46	233.2	0.798	1.254
483	83,452.20	83.45	1.08	13.00	259.19	204.1	0.787	1.270
485	81,424.20	81.42	1.17	14.00	292.97	208.8	0.713	1.403
486	75,948.60	75.95	1.17	14.00	271.11	199.9	0.737	1.356

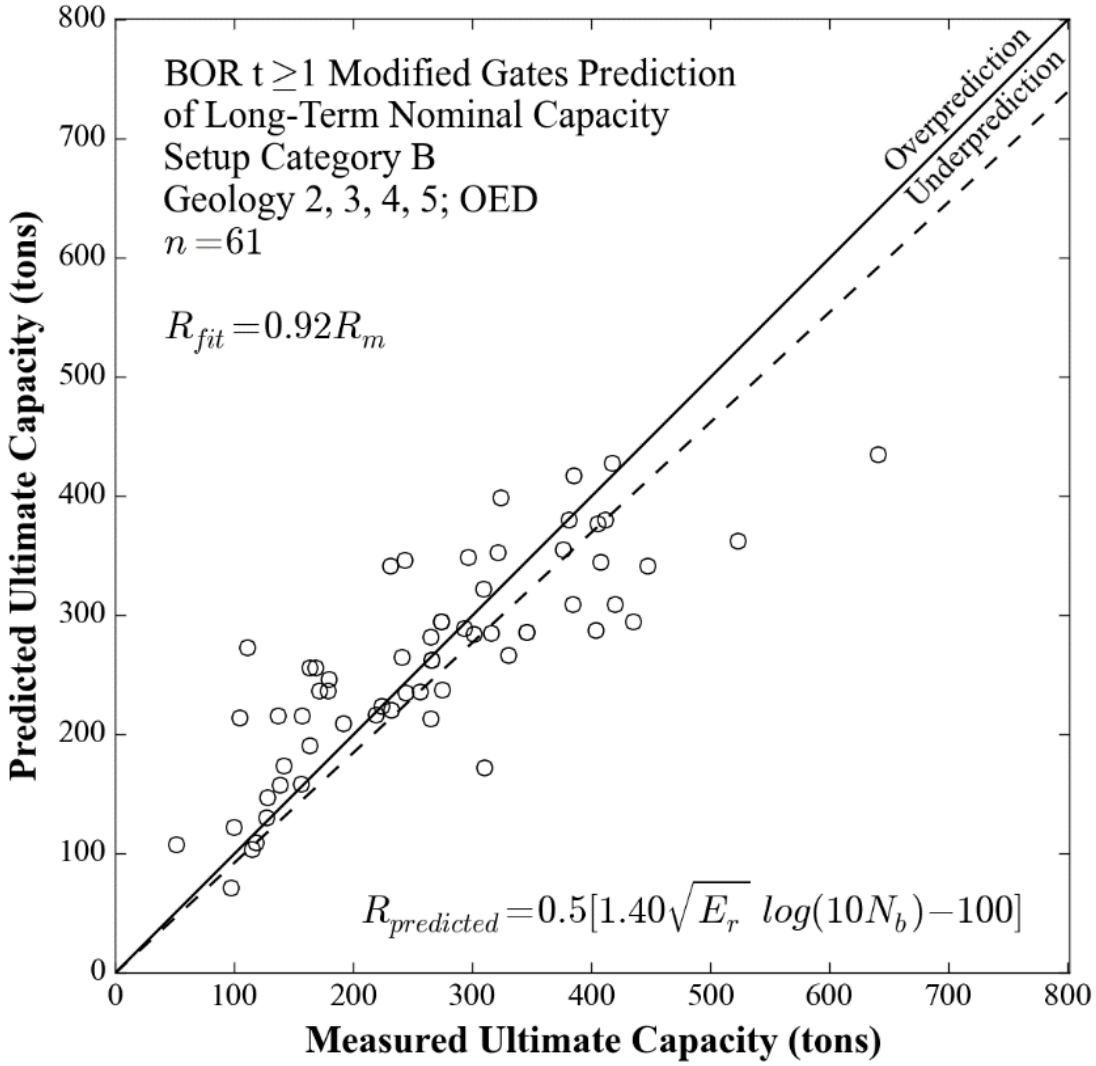
Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
487	82,235.40	82.24	1.08	13.00	278.99	202.2	0.725	1.380
488	79,801.80	79.80	1.17	14.00	272.94	206.2	0.755	1.324
490	83,857.80	83.86	1.08	13.00	271.00	204.7	0.755	1.324
492	101,907.00	101.91	2.83	34.00	313.85	344.1	1.096	0.912
494	75,948.60	75.95	4.25	51.00	334.11	331.4	0.992	1.008
498	72,095.40	72.10	1.00	12.00	283.10	178.2	0.630	1.588
501	75,644.40	75.64	1.33	16.00	271.00	213.0	0.786	1.272
503	101,400.00	101.40	1.08	13.00	266.61	230.1	0.863	1.159
504	89,130.60	89.13	2.83	34.00	276.25	318.5	1.153	0.867
505	84,263.40	84.26	1.33	16.00	275.22	227.6	0.827	1.209
506	81,424.20	81.42	1.17	14.00	266.03	208.8	0.785	1.274
507	105,354.60	105.35	1.08	13.00	285.89	235.5	0.824	1.214
509	64,896.00	64.90	1.33	16.00	326.98	193.6	0.592	1.689
510	85,581.60	85.58	1.08	13.00	279.56	207.3	0.742	1.349
512	83,046.60	83.05	1.00	12.00	289.89	195.0	0.673	1.487
515	95,518.80	95.52	1.00	12.00	270.49	212.7	0.786	1.272
517	83,452.20	83.45	1.08	13.00	271.06	204.1	0.753	1.328
520	85,176.00	85.18	1.00	12.00	271.11	198.1	0.731	1.369
522	71,081.40	71.08	1.25	15.00	270.49	198.6	0.734	1.362
523	87,305.40	87.31	1.00	12.00	271.06	201.2	0.742	1.348
524	88,218.00	88.22	1.00	12.00	282.81	202.5	0.716	1.397
526	85,581.60	85.58	1.08	13.00	277.90	207.3	0.746	1.341
527	76,354.20	76.35	1.83	22.00	271.06	246.7	0.910	1.099

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
530	94,504.80	94.50	2.25	27.00	270.37	303.3	1.122	0.891
533	85,176.00	85.18	1.08	13.00	278.25	206.7	0.743	1.346
534	92,476.80	92.48	1.25	15.00	260.21	233.5	0.897	1.114
535	98,053.80	98.05	1.00	12.00	270.89	216.2	0.798	1.253
536	103,022.40	103.02	1.25	15.00	271.06	249.3	0.920	1.087
539	112,148.40	112.15	1.08	13.00	269.92	244.5	0.906	1.104
540	77,469.60	77.47	1.17	14.00	271.63	202.4	0.745	1.342
541	81,018.60	81.02	2.50	30.00	271.06	288.2	1.063	0.940
542	84,263.40	84.26	2.17	26.00	256.79	279.6	1.089	0.918
543	107,179.80	107.18	1.00	12.00	271.63	228.3	0.840	1.190
548	75,644.40	75.64	1.08	13.00	271.63	191.9	0.707	1.415
551	76,759.80	76.76	2.33	28.00	267.63	272.2	1.017	0.983
552	83,452.20	83.45	1.17	14.00	271.63	212.0	0.780	1.281
555	83,046.60	83.05	1.08	13.00	271.28	203.5	0.750	1.333
557	83,857.80	83.86	1.50	18.00	276.93	239.5	0.865	1.156
560	21,496.80	21.50	1.33	16.00	272.65	90.2	0.331	3.023
561	86,899.80	86.90	1.92	23.00	272.08	271.4	0.997	1.003
565	93,997.80	94.00	1.17	14.00	294.68	228.0	0.774	1.292
566	73,819.20	73.82	1.75	21.00	269.92	237.1	0.878	1.139
567	72,095.40	72.10	4.17	50.00	271.06	319.7	1.179	0.848
569	95,011.80	95.01	2.92	35.00	271.06	333.8	1.232	0.812
573	77,875.20	77.88	2.67	32.00	271.06	288.2	1.063	0.940
575	77,875.20	77.88	1.83	22.00	270.49	249.6	0.923	1.083

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
576	72,399.60	72.40	3.00	36.00	313.28	287.8	0.919	1.088
579	75,238.80	75.24	1.83	22.00	273.91	244.5	0.893	1.120
580	88,725.00	88.73	5.25	63.00	270.49	385.5	1.425	0.702
585	88,015.20	88.02	4.46	53.50	319.79	365.9	1.144	0.874
592	88,623.60	88.62	10.00	120.00	274.02	456.1	1.664	0.601
614	59,400.00	59.40	7.00	84.00	215.52	332.2	1.542	0.649

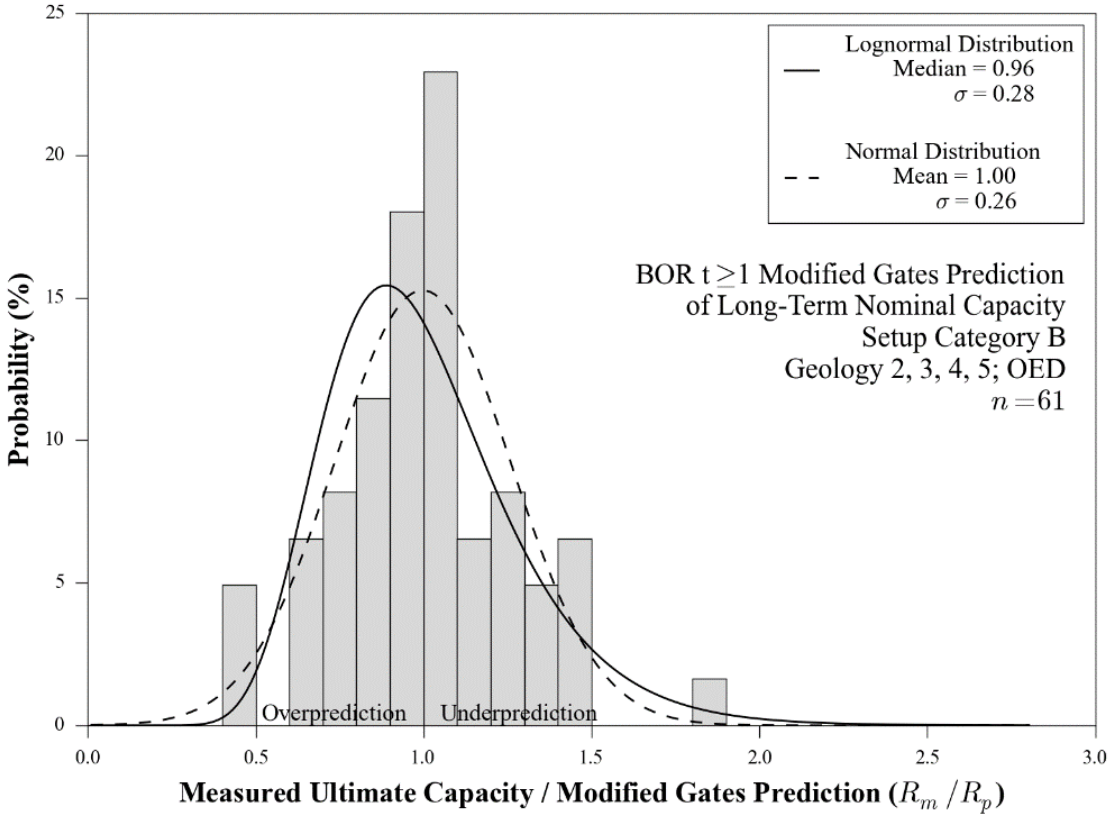
Dataset Statistics for BOR t ≥ 1 day Prediction of BOR Ultimate Pile Capacity

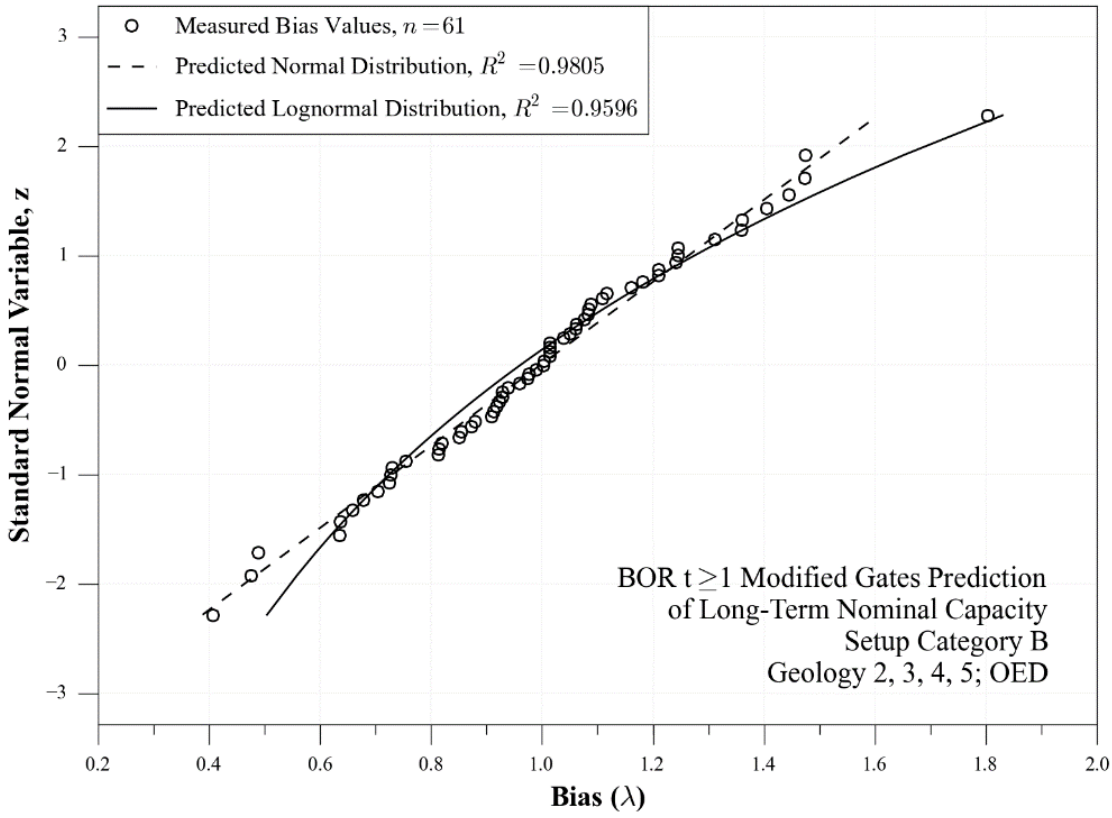
Pile Type:	PPC	E_{BOR} (ft-kip)	26 ≤ E ≤ 170
Geology:	2, 3, 4, 5	N_{BOR}	14 ≤ N ≤ 120
Geology 1	0	Days Since EOID	0.8 ≤ t ≤ 44.0
Geology 2	21		
Geology 3	18		
Geology 4	10	Load Testing	SLT, CW
Geology 5	12	SLT Failure	Yes
Geology 6	0	CW Mobilized	Yes (≤ 120 bl/ft)
Hammer Type:	OED	No. SLT	7
OED	61	No. CW	54
ECH	0	Datasets	61

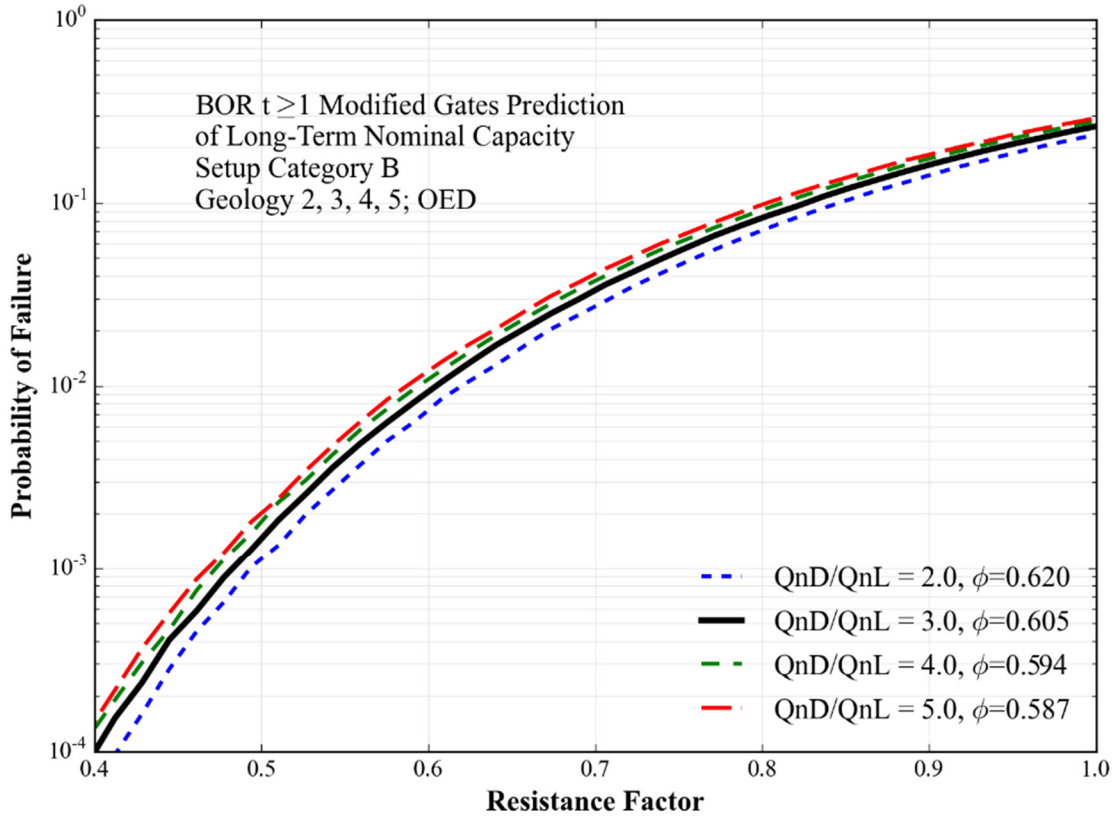


Statistics for BOR Modified Gates Pile Driving Formula (Setup Category B)

Gates Pile Driving Formula Coefficients	C1 =	1.4
	C2 =	10
	C3 =	100
Arithmetic Mean	Mean R_m/R_p	0.997
	Standard Deviation	0.261
	COV	0.262
Best Fit Linear Equation	Best Fit R_{fit} / R_m	0.924
	R^2	0.405
	Correlation	0.636
Difference between Predicted and Measured Capacities	Mean underprediction (tons)	52.36
	Mean overprediction (tons)	49.56




Measured Bias Values, $n = 61$
Predicted Normal Distribution, $R^2 = 0.9805$
Predicted Lognormal Distribution, $R^2 = 0.9596$
BOR t ≥1 Modified Gates Prediction
of Long-Term Nominal Capacity
Setup Category B
Geology 2, 3, 4, 5; OED
Standard Normal Variable, z
Bias (λ)
3
2
1
0
−1
−2
−3
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0


BOR t ≥1 Modified Gates Prediction
of Long-Term Nominal Capacity
Setup Category B
Geology 2, 3, 4, 5; OED
QnD/QnL = 2.0, ϕ=0.620
QnD/QnL = 3.0, ϕ=0.605
QnD/QnL = 4.0, ϕ=0.594
QnD/QnL = 5.0, ϕ=0.587
Probability of Failure
Resistance Factor
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0.4
0.5
0.6
0.7
0.8
0.9
1.0

Statistics and Resistance Factors for BOR
Modified Gates Pile Driving Formla (DF1+BORSCB)

Pile Driving Condition:		BOR
Restrike Data:		$t \geq 1$ days
Description:		Modified Gates
Geology:		2, 3, 4, 5
Hammer Type:		OED
Number of Cases:		61
Lognormal distribution fit Parameters	R^2	0.960
	Median	0.961
	Standard Deviation	0.280
Resistance Factors for $P_f = 0.01$	$Q_{nD}/Q_{nL} = 5.0$	0.587
	$Q_{nD}/Q_{nL} = 4.0$	0.594
	$Q_{nD}/Q_{nL} = 3.0$	0.605
	$Q_{nD}/Q_{nL} = 2.0$	0.620

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
699	43,363.70	43.36	6.00	72.00	191.96	199.9	1.042	0.960
710	102,616.50	102.62	10.00	120.00	323.78	382.5	1.181	0.847
714	104,849.50	104.85	3.00	36.00	315.68	272.9	0.864	1.157
765	26,400.00	26.40	2.50	30.00	118.00	103.3	0.876	1.142
767	26,400.00	26.40	2.42	29.00	51.00	101.7	1.994	0.501
835	38,500.00	38.50	8.33	100.00	104.45	204.4	1.957	0.511
857	56,630.00	56.63	3.92	47.00	157.04	205.9	1.311	0.763
868	94,504.80	94.50	10.00	120.00	412.12	365.0	0.886	1.129
872	100,891.00	100.89	2.83	34.00	111.10	261.4	2.353	0.425
889	137,532.00	137.53	2.00	24.00	404.02	275.7	0.682	1.466
893	91,767.00	91.77	7.00	84.00	447.39	327.3	0.732	1.367
904	33,000.00	33.00	4.33	52.00	156.50	150.7	0.963	1.038

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
906	26,400.00	26.40	1.17	14.00	97.00	67.0	0.691	1.447
922	42,000.00	42.00	1.17	14.00	115.00	97.6	0.849	1.178
924	42,000.00	42.00	1.58	19.00	100.00	115.9	1.159	0.863
963	59,400.00	59.40	2.00	24.00	310.00	164.0	0.529	1.890
1067	63,552.00	63.55	8.00	96.00	345.92	273.8	0.792	1.263
1100	39,732.00	39.73	8.00	96.00	136.95	206.1	1.505	0.665
1109	52,099.40	52.10	6.25	75.00	275.05	226.7	0.824	1.213
1113	116,605.10	116.61	10.00	120.00	417.71	411.0	0.984	1.016
1135	87,600.00	87.60	3.00	36.00	163.04	245.1	1.503	0.665
1136	68,400.00	68.40	4.67	56.00	168.13	244.6	1.455	0.687
1137	78,000.00	78.00	10.00	120.00	231.32	327.0	1.414	0.707
1143	63,552.00	63.55	8.00	96.00	345.92	273.8	0.792	1.263
684	146,730.00	146.73	3.00	36.00	243.55	360.2	1.479	0.676
689	153,446.00	153.45	3.00	36.00	376.28	369.5	0.982	1.018
694	154,322.00	154.32	5.00	60.00	385.07	433.9	1.127	0.888
697	41,269.90	41.27	2.42	29.00	128.05	153.7	1.200	0.833
701	103,124.00	103.12	3.00	36.00	264.84	293.9	1.110	0.901
705	102,616.50	102.62	4.00	48.00	419.99	322.1	0.767	1.304
708	110,939.50	110.94	7.00	84.00	380.79	395.6	1.039	0.963
712	104,342.00	104.34	3.00	36.00	301.70	295.9	0.981	1.020
716	106,067.50	106.07	6.42	77.00	522.77	376.7	0.721	1.388
731	74,410.00	74.41	3.17	38.00	171.36	246.8	1.440	0.694
807	66,000.00	66.00	7.67	92.00	292.97	301.0	1.027	0.973

Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
855	52,500.00	52.50	1.96	23.50	138.27	164.6	1.190	0.840
861	46,869.60	46.87	3.00	36.00	141.52	181.8	1.285	0.778
864	63,588.20	63.59	9.00	108.00	434.83	307.3	0.707	1.415
866	91,057.20	91.06	5.00	60.00	384.44	321.7	0.837	1.195
870	106,067.50	106.07	2.00	24.00	179.35	257.2	1.434	0.697
877	131,838.00	131.84	3.83	46.00	321.62	366.9	1.141	0.877
887	170,236.00	170.24	3.00	36.00	405.16	391.9	0.967	1.034
891	93,490.80	93.49	7.00	84.00	407.44	359.0	0.881	1.135
1046	42,500.00	42.50	4.67	56.00	163.04	199.5	1.223	0.817
1066	62,890.00	62.89	6.00	72.00	265.81	273.3	1.028	0.973
1107	49,848.60	49.85	6.67	80.00	244.12	245.2	1.005	0.995
1111	107,582.90	107.58	4.17	50.00	309.00	335.2	1.085	0.922
1115	136,700.00	136.70	7.50	90.00	640.95	452.6	0.706	1.416
1119	83,449.40	83.45	2.00	24.00	265.29	222.5	0.839	1.192
1134	74,400.00	74.40	3.17	38.00	178.33	246.7	1.384	0.723
1139	50,113.40	50.11	5.00	60.00	219.13	225.7	1.030	0.971
1142	62,890.00	62.89	6.00	72.00	265.81	273.3	1.028	0.973
1145	60,705.40	60.71	10.00	120.00	273.62	307.3	1.123	0.891
1147	60,705.40	60.71	10.00	120.00	273.62	307.3	1.123	0.891
1158	69,966.00	69.97	3.00	36.00	224.18	233.3	1.041	0.961
1160	30,420.00	30.42	3.00	36.00	126.87	136.8	1.078	0.928
1168	81,120.00	81.12	10.00	120.00	296.53	363.0	1.224	0.817
1170	40,560.00	40.56	8.33	100.00	231.83	230.5	0.994	1.006

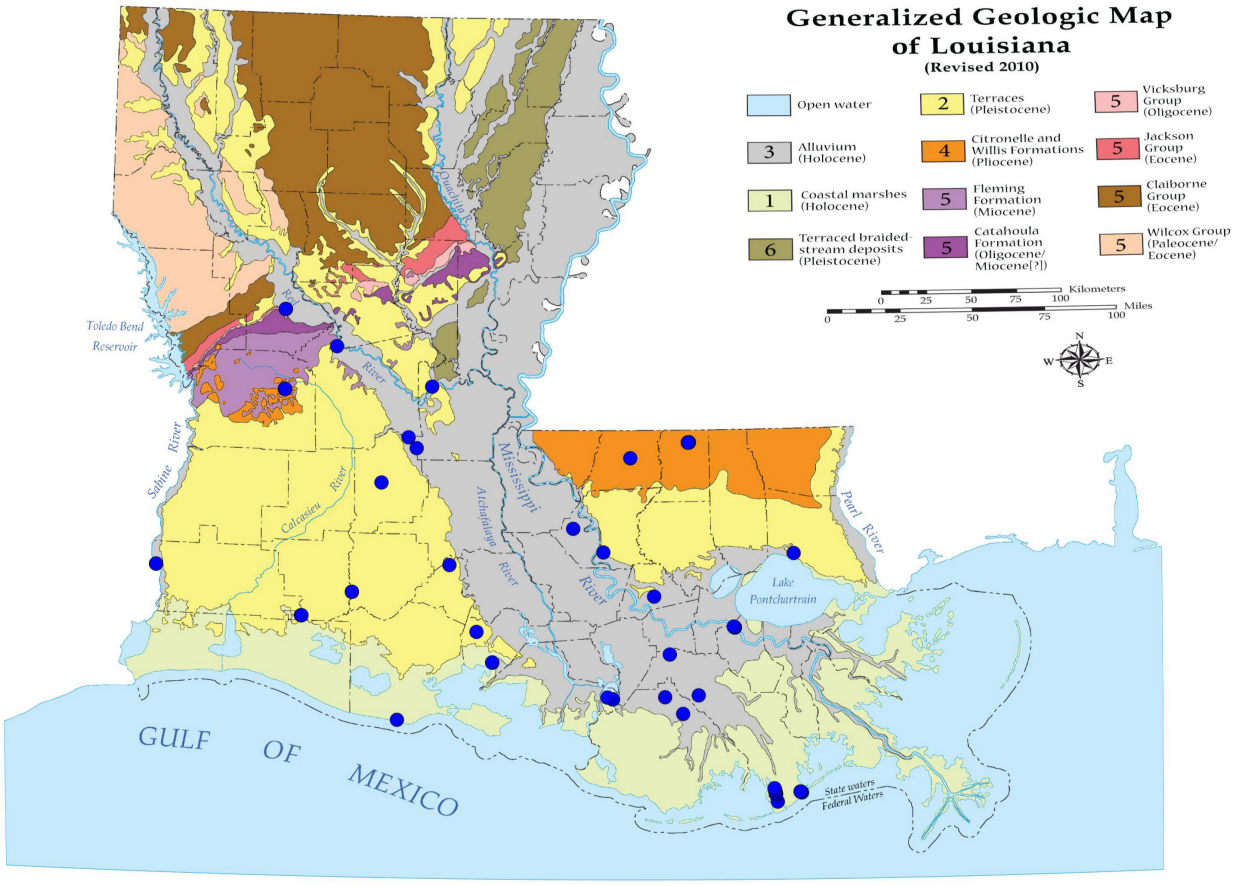
Measured						Modified Gates		
Case #	EBOR (ft-lbs)	EBOR (ft-kip)	NBOR (blows/in)	NBOR (blows/ft)	Ultimate Capacity (tons)	BOR Mod Gates (tons)	BOR Mod Gates / Ultimate Capacity	Ultimate Capacity / BOR Mod Gates
1175	75,441.60	75.44	4.33	52.00	240.64	275.9	1.147	0.872
1176	78,990.60	78.99	2.83	34.00	256.39	245.9	0.959	1.043
1179	53,291.00	53.29	9.08	109.00	330.63	277.7	0.840	1.190

Summary of BOR Pile Driving Formulas and Resistance Factors

BOR Pile Driving Formulas	BOR Modified Gates Pile Driving Formula (DF1+BORSCA)	BOR Modified Gates Pile Driving Formula (DF1+BORSCB)
Prediction	Ultimate Pile Capacity	Ultimate Pile Capacity
BOR Data	t ≥ 1 day	t ≥ 1 day
Setup Category	A	B
Geology	1	1, 2, 3, 4, 5
Hammer Type	OED	OED
Equation No.	49	50
Equation	$R_u = 0.5\left[\left(1.65\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$	$R_u = 0.5\left[\left(1.40\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$
n	304	61
$\phi_{QnD/QnL=5.0} - \phi_{QnD/QnL=2.0}$	0.623 – 0.657	0.587 – 0.620
$\phi_{QnD/QnL=3.0}$	0.642	0.605

Summary Statistics for BOR Pile Driving Formlas

BOR Pile Driving Formulas		BOR Modified Gates Pile Driving Formula (DF1+BORSCA)	BOR Modified Gates Pile Driving Formula (DF1+BORSCB)
Equation No.		49	50
Gates Pile Driving Formula Coefficients	C1 =	1.65	1.40
	C2 =	10	10
	C3 =	100	100
Arithmetic Mean	Mean R_m/R_p	1.110	0.997
	Standard Deviation	0.396	0.261
	COV	0.356	0.262
Best Fit Linear Equation	Best Fit R_{fit} / R_m	0.929	0.924
	R^2	0.007	0.405
	Correlation	0.086	0.636
Difference between Predicted and Measured Capacities	Mean underprediction (tons)	58.6	52.36
	Mean overprediction (tons)	55.89	49.56

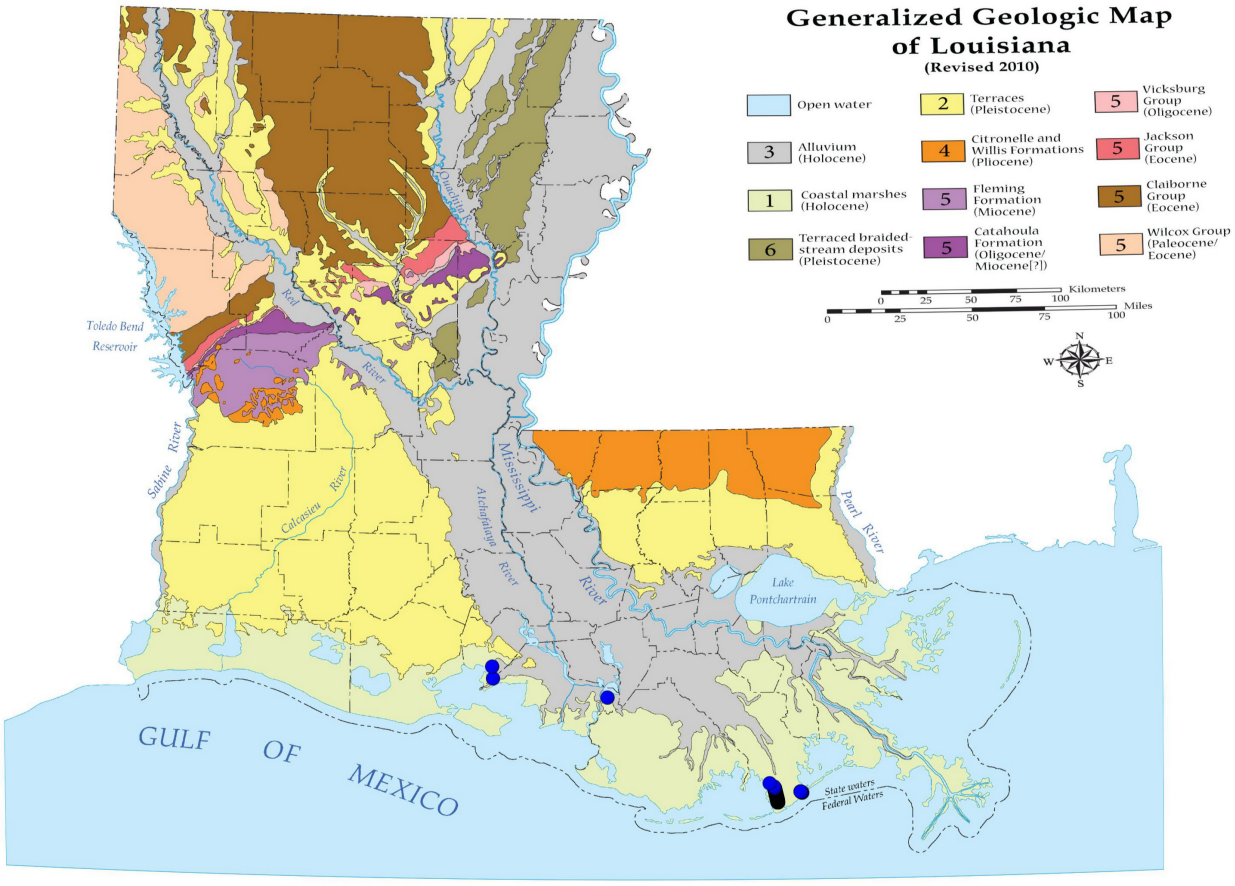


EOID LADOTD Modified Gates Prediction of Long Term Nominal Pile Capacity

Geology 1, 2, 3, 4, 5

OED & ECH

(DFEOID-MOD)

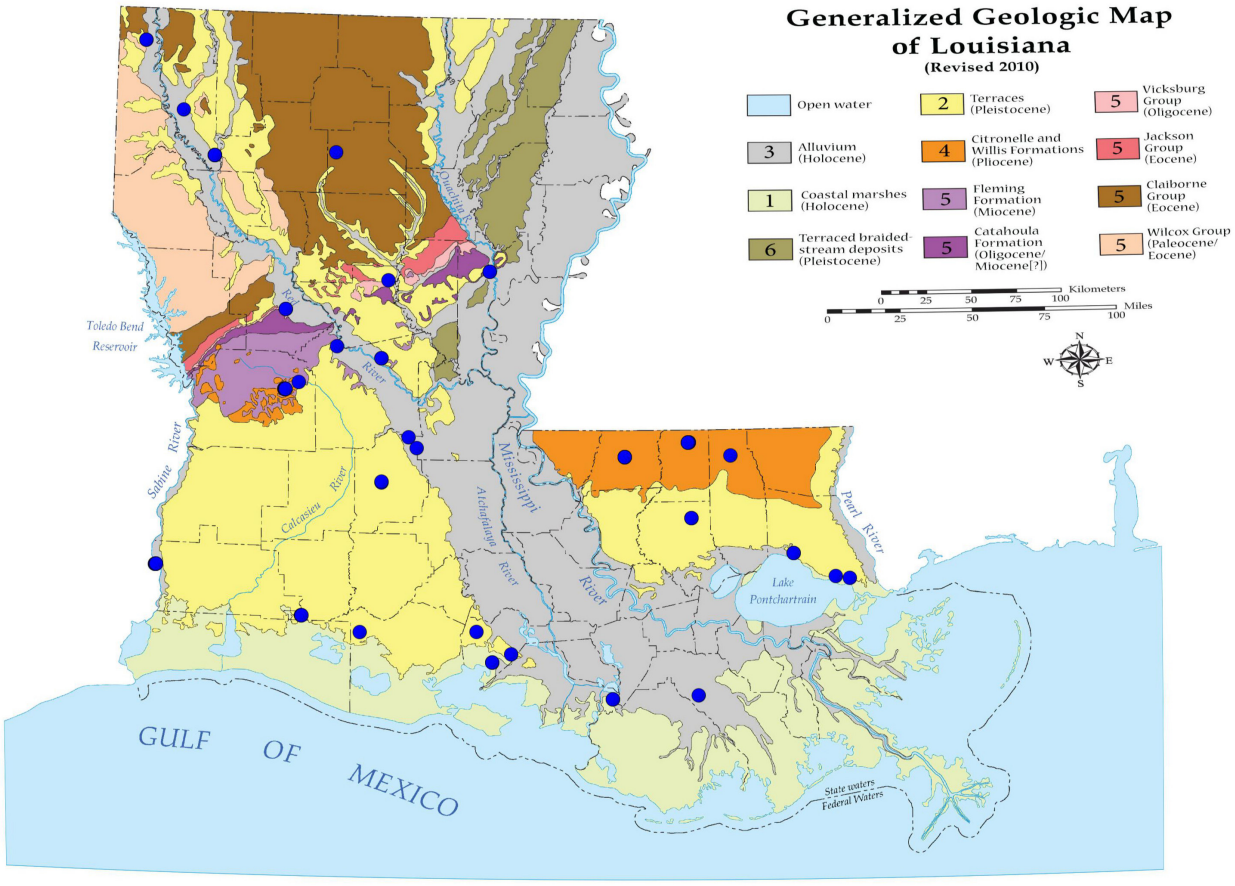


BOR t ≥ 1 Day LADOTD Modified Gates Prediction of Restrike Nominal Capacity

Geology 1

OED

(DF1+BORSCA)



BOR t ≥ 1 Day Modified Gates Prediction of Restrike Nominal Capacity

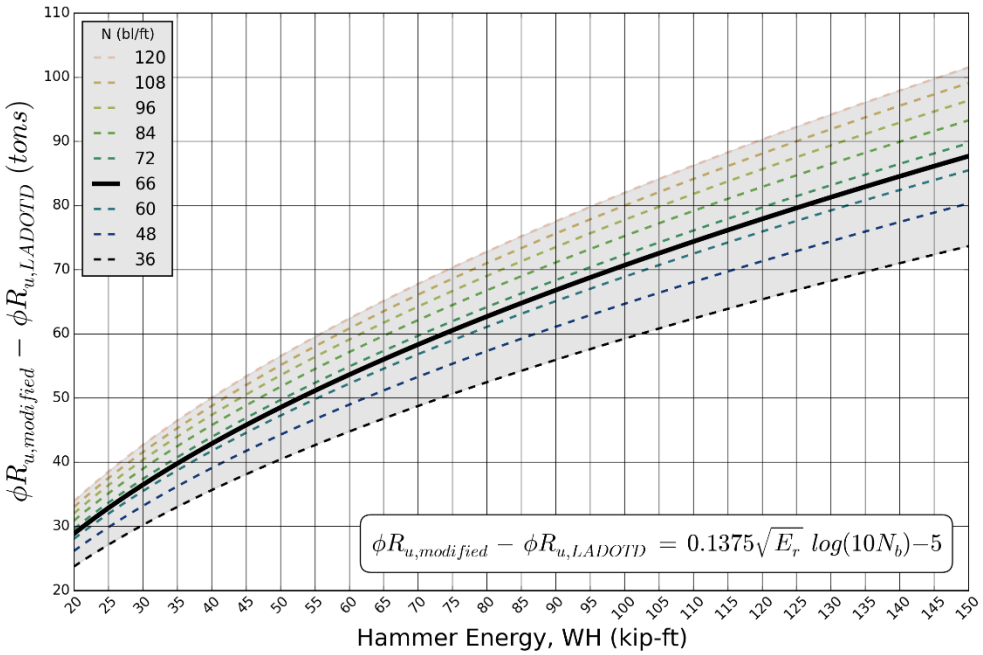
Geology 2, 3, 4, 5

OED

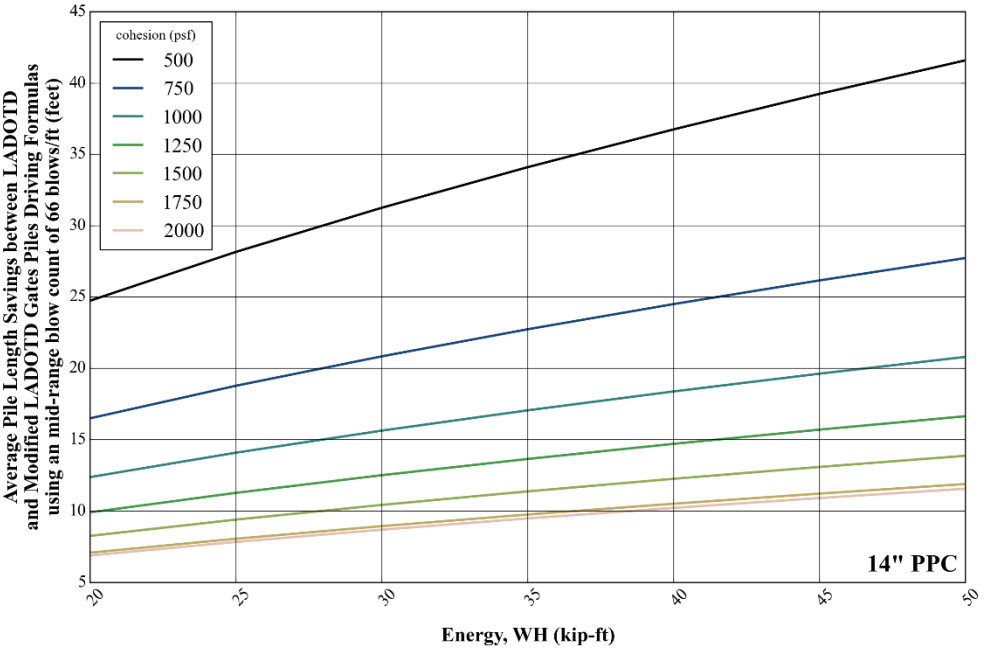
(DF1+BORSCB)

APPENDIX I

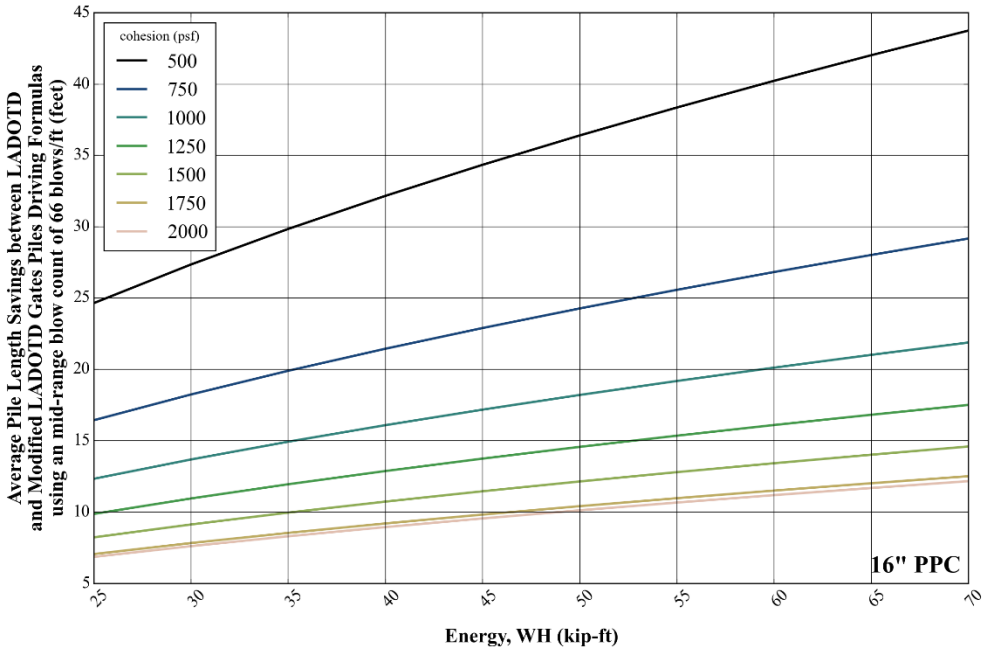
BENEFIT COST ASSESSMENT ANALYSIS



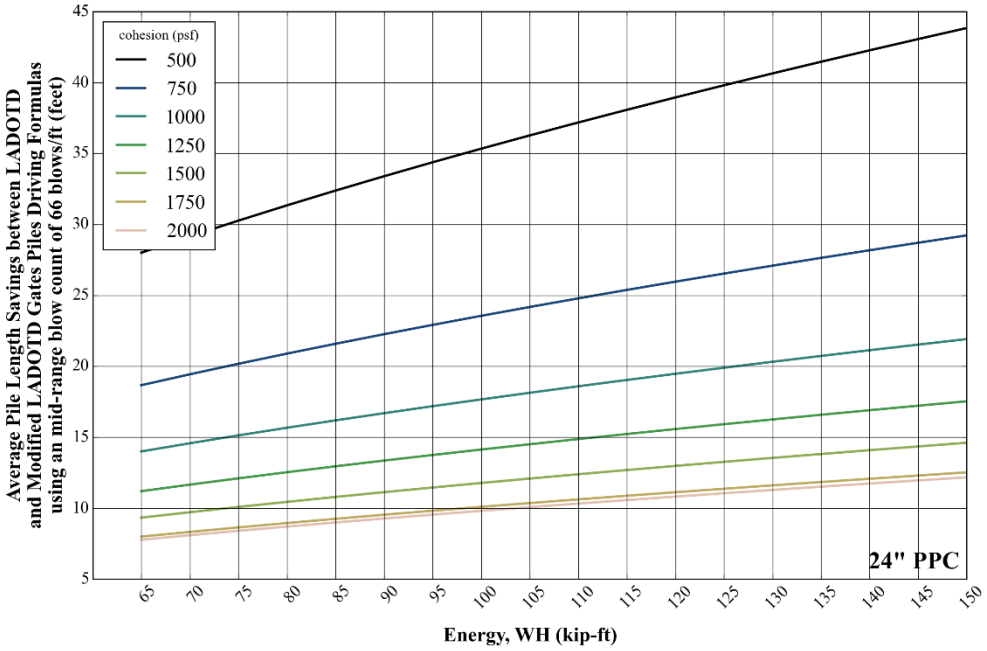
Energy vs. Capacity Difference



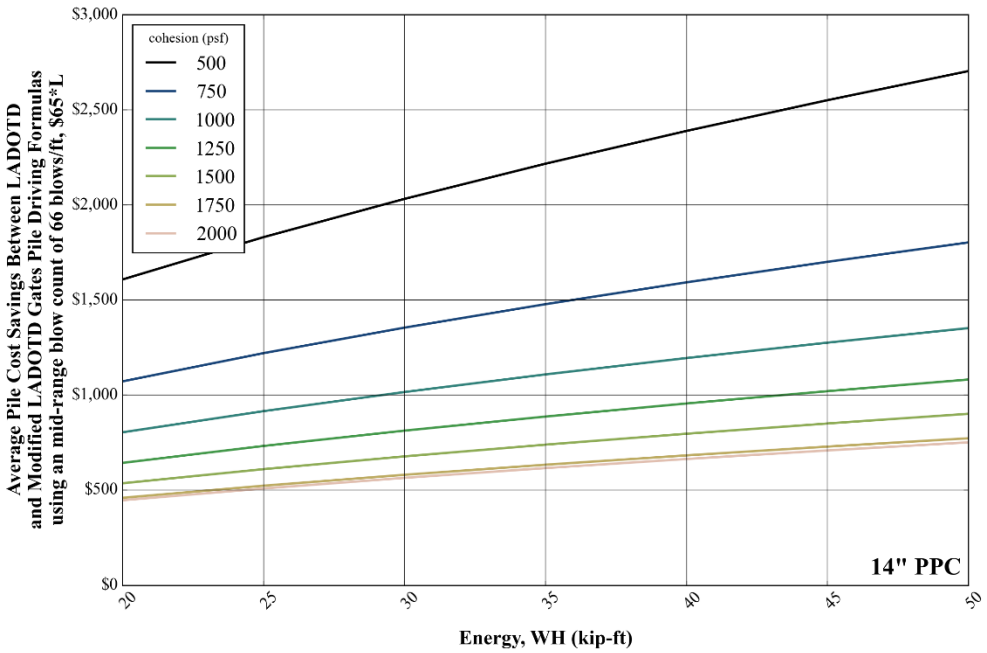
14" PPC Energy vs Average Pile Length Decrease



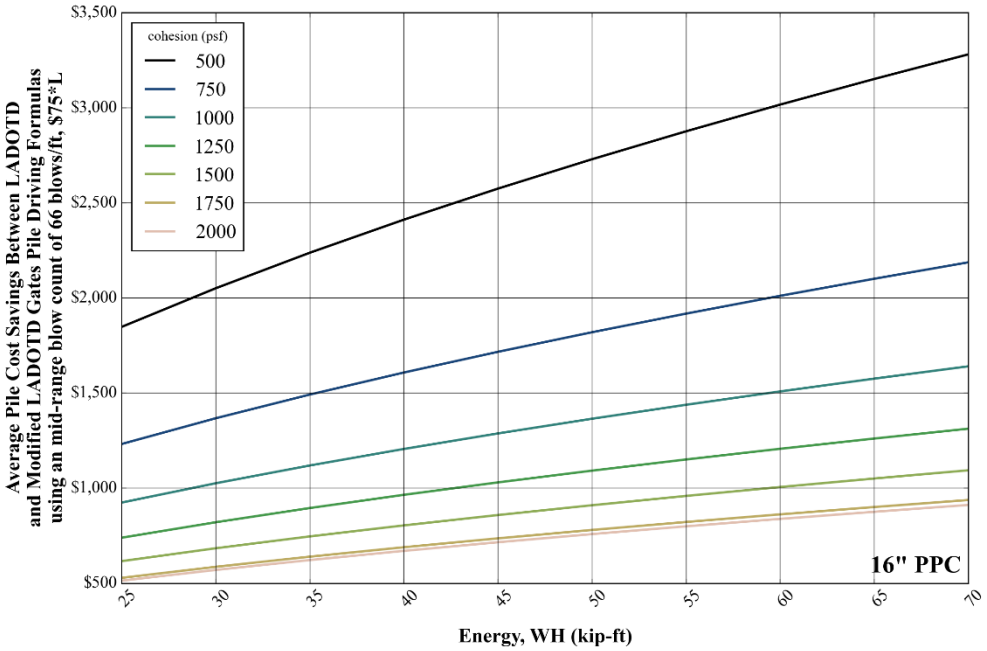
16" PPC Energy vs Average Pile Length Decrease



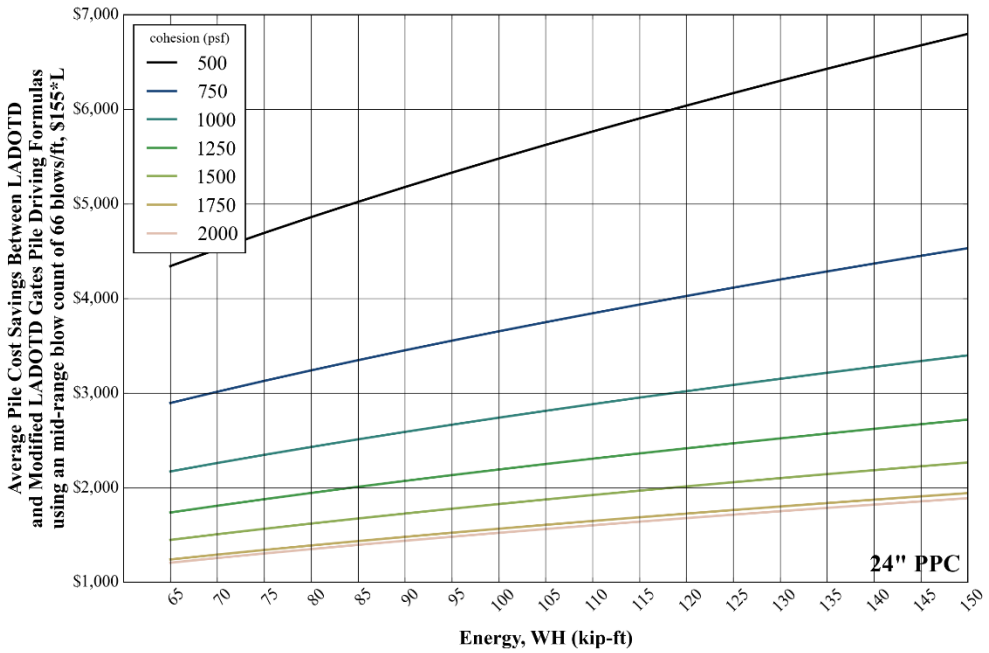
24" PPC Energy vs Average Pile Length Decrease



14" PPC Energy vs Average Pile Cost Savings



16" PPC Energy vs Average Pile Cost Savings



24" PPC Energy vs Average Pile Cost Savings

Potential Pile Length and Cost Savings per PPC Pile

Pile Type	Energy, WH (ft-kips)	Soil Consistency /Cohesion	Pile Length Savings per Pile (feet)	Pile Unit Rate ($/linear foot)	Cost Savings per Pile ($)
14" PPC	20-50	Soft / 750 psf	16.5 - 27.7	$65	$1,073 - $1,801
		Firm / 1000 psf	12.4 - 20.8		$806 - $1,352
		Stiff / 2000 psf	6.9 - 11.6		$449 - $754
16" PPC	25-70	Soft / 750 psf	16.4 - 29.2	$75	$1,230 - $2,190
		Firm / 1000 psf	12.3 - 21.9		$923 - $1,643
		Stiff / 2000 psf	6.8 - 12.2		$510 - $915
24" PPC	65-150	Soft / 750 psf	18.7 - 29.2	$155	$2,899 - $4,526
		Firm / 1000 psf	14.0 - 21.9		$2,170 - $3,395
		Stiff / 2000 psf	7.8 - 12.2		$1,209 - $1,891

LA DOTD Estimated Bridge Quantities for State FY Year 2015 -2016

Project No.	Project Name	Parish	Piles 14" PPC (linear feet)	No. 14" PPC Piles	Piles 16" PPC (linear feet)	No. 16" PPC Piles	Piles 24" PPC (linear feet)	No. 24" PPC Piles
H.010024	SMITHVILLE ROAD / BRALY CREEK	Webster			752	15.0		
H.010032	SHUTEYE ROAD & MARTHAVILLE ROAD	Sabine			2656	40.0		
H.010033	PIONEER ROAD & LAKESIDE LOOP BRIDGES	Sabine						
H.010034	JOE W ROAD & GALLOW ROAD BRIDGES	St. Landry	1040	20			1040	20
H.010035	ANDREPONT RD & BAYOU GERMOND RD BRIDGES	St. Landry	1260	20			1040	20
H.010040	BUD ROAD & BONNE IDEE ROAD BRIDGES	Morehouse						
H.010054	PARK ROAD BRIDGES	Allen						
H.010055	CHERRY WITCHIE & N. CARPENTER RD BRIDGES	Allen						
H.010061	N. RIVER ROAD AND DURBIN ROAD BRIDGES	Tangipahoa	1168	20				
H.010062	WEINBERGER RD & JERUSALEM CH RD BRIDGES	Tangipahoa	2448	40				
H.010068	BUSH ROAD AND LISHMAN ROAD BRIDGES	Franklin						
H.010150	S. AVENUE F & NAPP STREET BRIDGES	Acadia					1440	20
H.010559	BAYOU MERCIER ROAD / BERARD CANAL BAYOU	St. Martin						
H.010561	CASTOR CK RD/BEAR CK RD/DANIEL ST BRDGS	Bienville						
H.010592	WILLET LOOP RD & ROCK HILL RD BRIDGES	Grant						
H.010659	RAFE-MEYER ROAD BRIDGES	East Baton Rouge			2464	40.0		
	BRIDGE MATERIAL TOTALS =		**5,916**	**100**	**5,872**	**95**	**3,520**	**60**

LA DOTD State FY 15 – 16 Estimated Cost Savings

Project No.	Soil Site Type	No. 14" PPC Piles	14" PPC Cost Savings Range ($)	14" PPC Percent Savings (%)	No. 16" PPC Piles	16" PPC Cost Savings Range ($)	16" PPC Percent Savings (%)	No. 24" PPC Piles	24" PPC Cost Savings Range ($)	24" PPC Percent Savings (%)
H.010024	stiff		-		15	$13,847 - $24,654	25% to 44%		-	
H.010032	stiff		-		40	$36,900 - $65,700	19% to 33%		-	
H.010033	stiff	20[1]	$16,120 - $27,040	24% to 40%		-			-	
H.010034	stiff	20	$16,120 - $27,040	24% to 40%		-		20	$43,400 - $67,890	27% to 42%
H.010035	stiff	20	$16,120 - $27,040	20% to 33%		-		20	$43,400 - $67,890	27% to 42%
H.010040	stiff	20[1]	$16,120 - $27,040	24% to 40%		-			-	
H.010054	stiff	20[1]	$16,120 - $27,040	24% to 40%		-			-	
H.010055	stiff	20[1]	$16,120 - $27,040	24% to 40%		-			-	
H.010061	stiff	20	$16,120 - $27,040	21% to 36%		-			-	
H.010062	stiff	40	$32,240 - $54,080	20% to 34%		-			-	
H.010068	stiff	20[1]	$16,120 - $27,040	24% to 40%		-			-	
H.010150	stiff		-			-		20	$43,400 - $67,890	19% to 30%
H.010559	stiff	20[1]	$16,120 - $27,040	24% to 40%		-			-	
H.010561	stiff	20[1]	$24,180 - $40,560	36% to 60%		-			-	
H.010592	stiff	20[1]	$16,120 - $27,040	24% to 40%		-			-	
H.010659	stiff		-		40	$36,900 - $65,700	20% to 36%		-	
TOTALS		**270**	**$217,620 - $365,040**	**21% to 40%**	**95**	**$87,647 - $156,054**	**21% to 37%**	**60**	**$130,200 - $203,670**	**24% to 38%**

[1] Assumed 20 14" PPC 52’ piles per project

Implementation Costs - Expenses

RT = Round Trip

District	District Engineer	RT Miles	RT Time (hrs)	Mileage Cost	Overnight?	Lodging	Per Diem
2	Chris Morvant District Engineer Administrator 1440 US Hwy 90 Bridge City, LA 70094	158	2.57	$ 90.85	No		
3	William J. Oliver, Jr District Engineer Administrator 428 Hugh Wallis Rd Lafayette, LA 70508	117.2	1.87	$ 67.39	No		
4	David North District Engineer Administrator 3339 Industrial Drive Bossier City, LA 71112	504	7.03	$ 289.80	Yes	$ 83.00	$ 51.00
5	Marshall Hill District Engineer Administrator 8010 Desiard Monroe, LA 71203	366	6	$ 210.45	Yes	$ 83.00	$ 51.00
7	Todd Landry District Engineer Administrator 5827 Hwy 90 East Lake Charles, LA 70615	252	3.6	$ 144.90	No		
8	Murphy Ledoux District Engineer Administrator 3300 MacArthur Dr Alexandria, LA 71301	250	3.7	$ 143.75	No		
58	Kenneth Mason District Engineer Administrator 6217 Hwy 15 Chase, LA 71324	274	4.47	$ 157.55	No		
61	Chad Vosburg District Engineer Administrator 8100 Airline Hwy Baton Rouge, LA 70815	18.8	0.43	$ 10.81	No		
62	Allison Schilling District Engineer Administrator 685 N Morrison Blvd Hammond, LA 70401	94.8	1.6	$ 54.51	No		

Total miles:	2034.8
2015 mileage rate:	$ 0.575
Total Mileage Cost:	**$ 1,170.01**
Total Lodging:	**$ 166.00**
Total Per Diem:	**$ 102.00**
Grand total:	**$ 1,438.01**

APPENDIX J

RECOMMENDED EQUATION REFERENCE SHEET

Recommended Pile Driving Formulas

EOID

EOID pile driving formula for determination of long-term ultimate pile bearing capacity

EOID Modified Gates Pile Driving Formula (DFEOID-MOD): Strength I limit state LRFD resistance factor (φ): 0.50.

$$R_u = 0.5\left[\left(1.95\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$$

R_u = long-term ultimate pile bearing capacity (tons)

E_r = manufacturer's rated energy at the field observed ram stroke (foot-pounds)

N_b = EOID number of hammer blows/inch

Pile installation criteria:

- Pile Type: Precast Prestressed Concrete (PPC) pile
- Pile Size: 14 PPC, 16 PPC, and 24" PPC
- Geology: Statewide — Geology 1, 2, 3, 4, 5, and 6
- Hammer Type: Open end diesel (OED) and External Combustion Hammer (ECH)
- Maximum Hammer Energy: 190 ft-kips
- Maximum EOID Long-Term Ultimate Pile Capacity: 400 tons
- Blow Counts obtained at EOID
- EOID Blow Counts (N_b): 24 blows/ft ≤ N_b ≤ 120 blows/ft

BOR

BOR pile driving formula for determination of ultimate pile bearing capacity at the time of pile restrike (BOR performed after EOID) is dependent on the geological location.

BOR obtained at time t: t ≥ 1 day and Setup Category A:

BOR Modified Gates pile driving formula (DF1+BORSCA) Strength I limit state LRFD resistance factor (φ): 0.60:

$$R_u = 0.5\left[\left(1.65\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$$

BOR obtained at time t: t ≥ 1 day and Setup Category B:

For piles located within setup category B (Geology 2, 3, 4, 5, and 6)—BOR Modified Gates pile driving formula (DF1+BORSCB) Strength I limit state LRFD resistance factor (φ): 0.60:

$$R_u = 0.5\left[\left(1.40\sqrt{E_r}\ log(10\ N_b)\right) - 100\right]$$

R_u = ultimate pile bearing capacity (tons)

E_r = manufacturer's rated energy at the field observed ram stroke (foot-pounds)

N_b = BOR number of hammer blows/inch

Pile restrike criteria:

- Pile Type: Precast Prestressed Concrete (PPC) pile
- Pile Size: 14 PPC, 16 PPC, and 24" PPC
- Geology: 1 for Setup Category A — Use BOR pile driving formula DF1+BORSCA
- Geology 2, 3, 4, 5, and 6 for Setup Category B — Use BOR pile driving formula DF1+BORSCB
- Hammer Type: Open end diesel (OED). External Combustion Hammer (ECH) can only be used with these BOR pile driving formulas with approval of LADOTD.
- Maximum Hammer Energy: 190 ft-kips
- Maximum BOR Ultimate Pile Capacity: 400 tons
- Blow Counts obtained at BOR at t ≥ 1 day after EOID
- BOR Blow Counts (N_b): 24 blows/ft ≤ N_b ≤ 120 blows/ft

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RECOMMENDED EQUATION REFERENCE SHEET