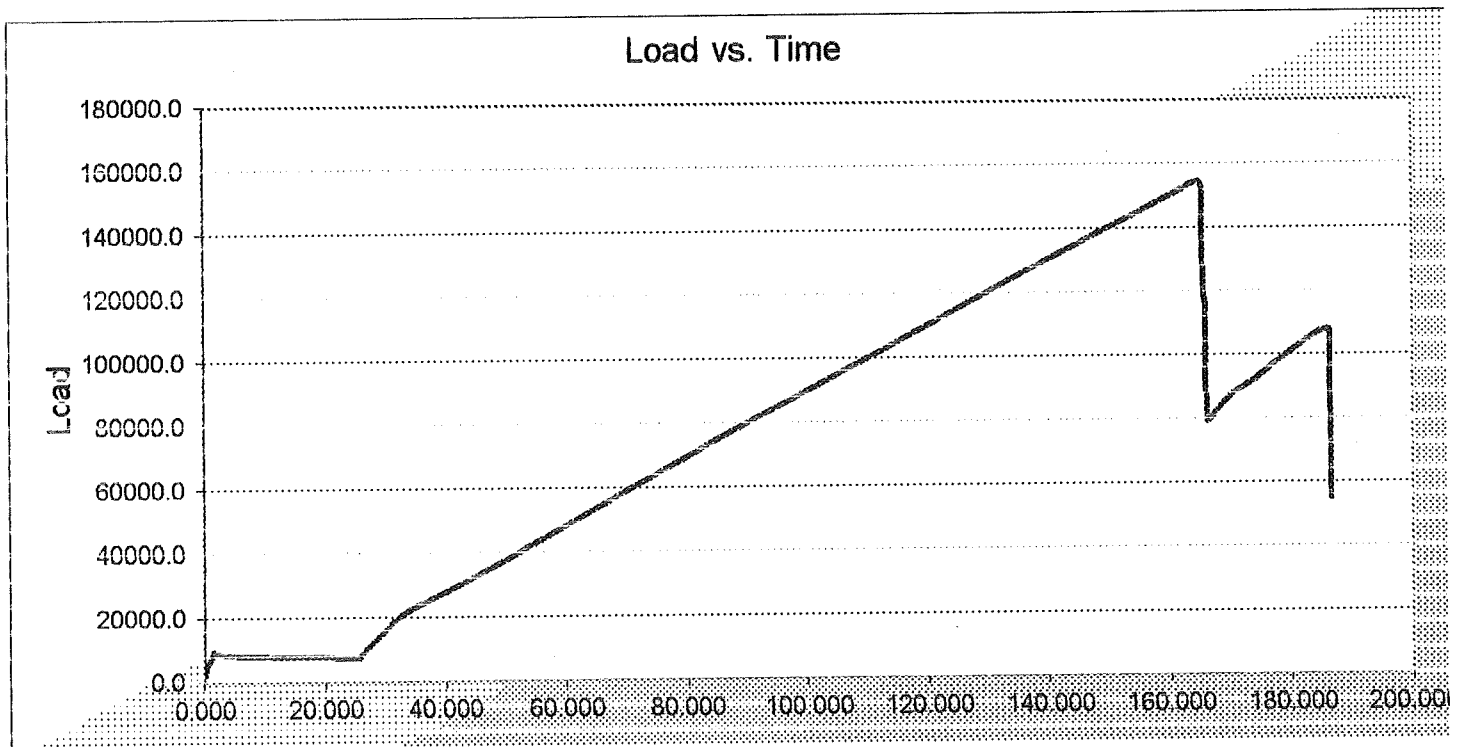




Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-1-1A.csv	Project:	6723-00-71
Test_Id:	1-1A	Project Number:	16.313
Date:	6/23/16	Break Type:	Long Shear
Time:	9:49:47	Description:	B-11-156 Pier #1 footing
Type:	CCYL	Broke By:	Ed Olszewski 6-23-16
Pk_Load:	154410 Lb	Cast By:	Ed Olszewski 5-26-16
Pk_Stress:	5460 psi	Lot:	1
Area:	28.274 in ²	D1:	5.99
		D2:	6.00
		Davg:	6.00
Dia:	6 in	Sublot:	1A
Len:	11.99 in	L1:	12
Corr.:	1	L2:	11.98
Wt:	28.9 Lb	Lavg:	11.99
Age:	28 days		
Rate:	36.50 psi/s		



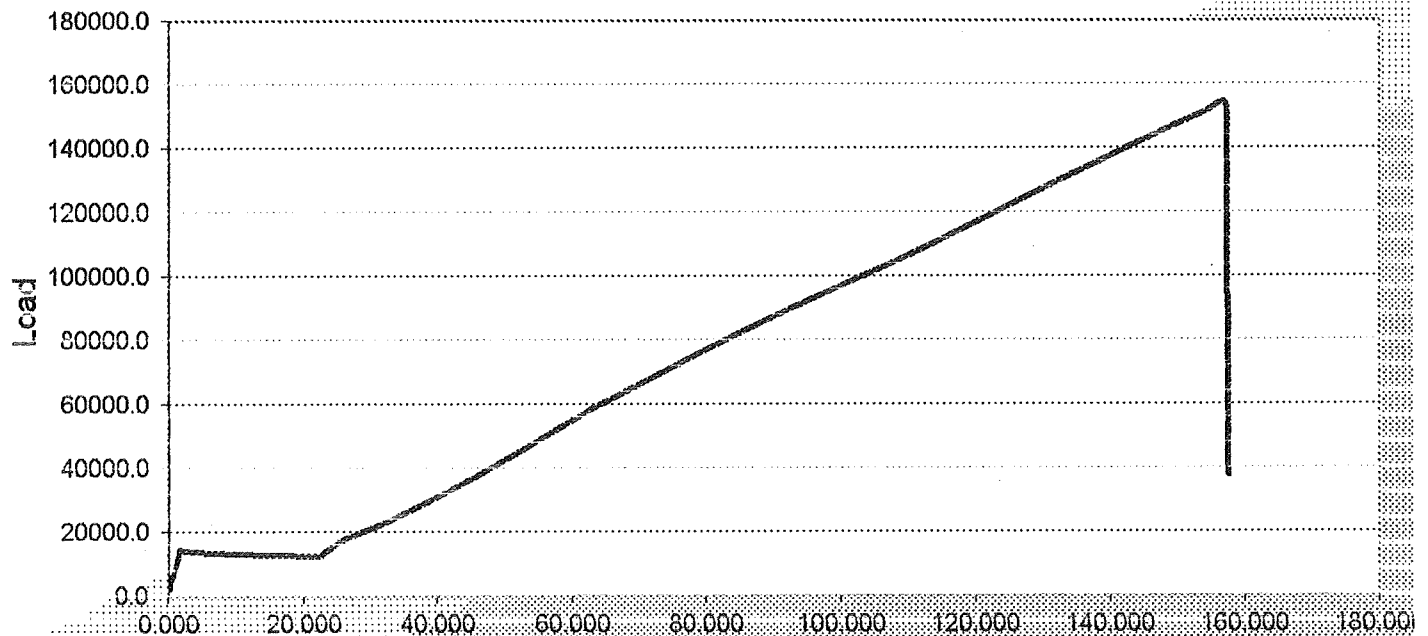


Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-1-1B.csv	Project:	6723-00-71
Test_Id:	1-1B	Project Number:	16.313
Date:	6/23/16	Break Type:	Long Shear
Time:	9:55:23	Description:	B-11-156 Pier #1 footing
Type:	CCYL	Broke By:	Ed Olszewski 6-23-16
Pk_Load:	154350 Lb	Cast By:	Ed Olszewski 5-26-16
Pk_Stress:	5475 psi	Lot:	1
Area:	28.18 in ²	D1:	5.99
		D2:	5.99
		Davg:	5.99
Dia:	5.98999 in	Sublot:	1B
Len:	12 in	L1:	12
Corr.:	1	L2:	11.99
Wt:	28.9 Lb	Lavg:	12
Age:	28 days		
Rate:	38.10 psi/s		

Load vs. Time





Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

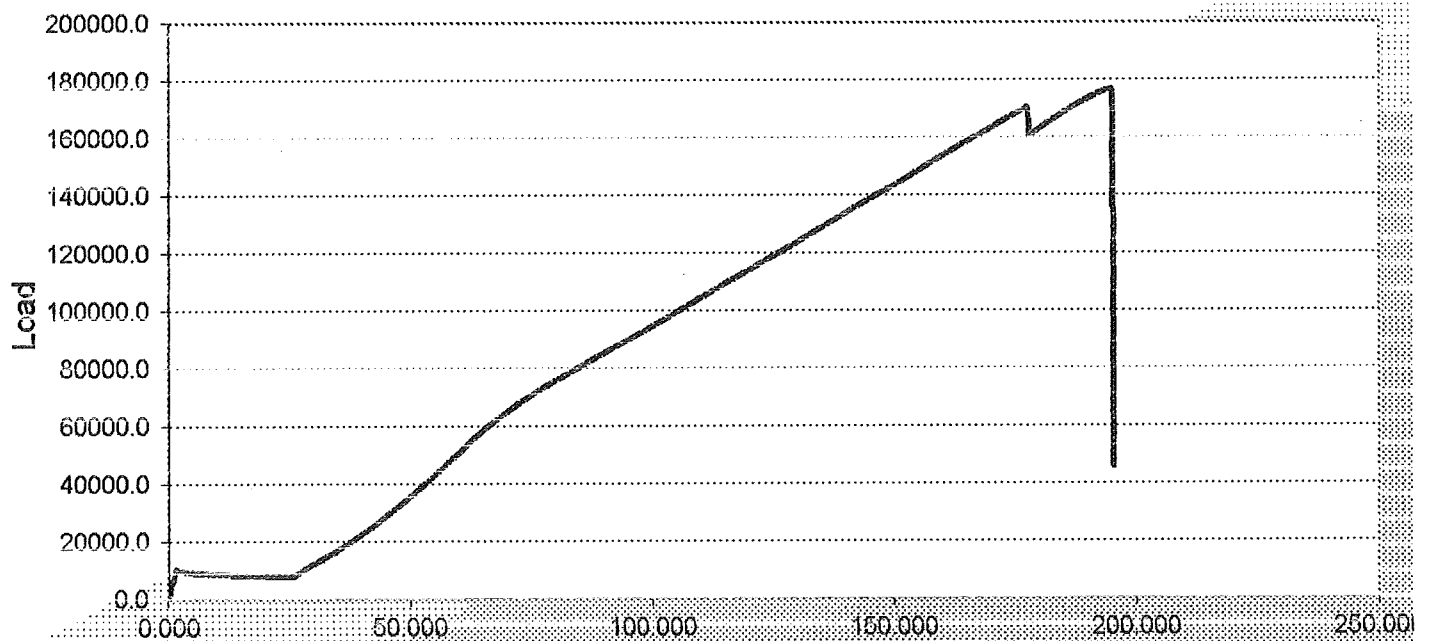
Filename: 16.313-1-2B.csv
Test_Id: 1-2B
Date: 6/29/16
Time: 15:34:39
Type: CCYL
Pk_Load: 176750 Lb
Pk_Stress: 6250 psi ✓
Area: 28.274 in²

Dia: 6 in
Len: 11.99 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 39.10 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Pier #1 shaft
Broke By: Ed Olszewski 6-29-16 ✓
Cast By: Ed Olszewski 6-1-16

Lot:	1 ✓	Sublot:	2B ✓
D1:	5.99	L1:	11.99
D2:	6.00	L2:	11.99
Davg:	6.00	Lavg:	11.99

Load vs. Time





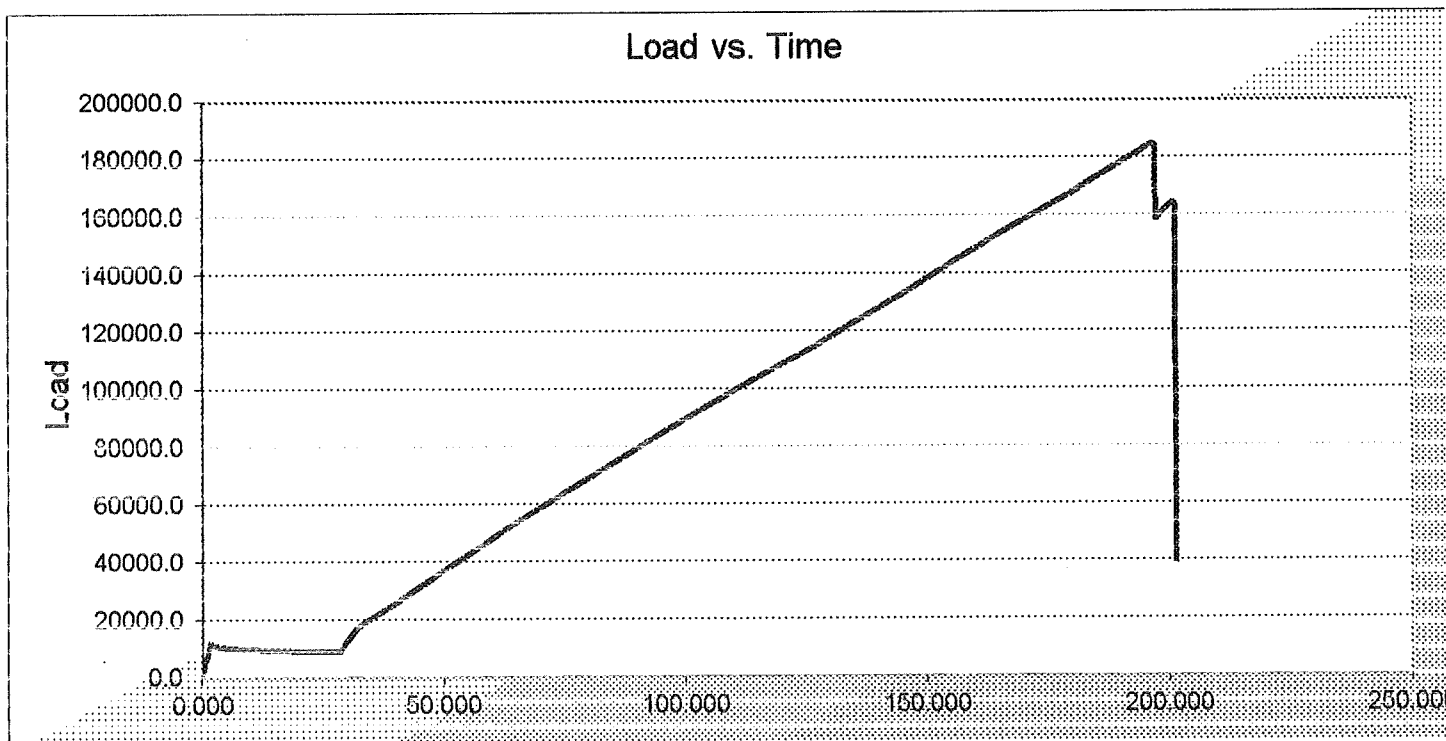
Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-1-2A.csv
Test_Id: 1-2A
Date: 6/29/16
Time: 15:29:35
Type: CCYL
Pk_Load: 184720 Lb
Pk_Stress: 6555 psi
Area: 28.18 in²

Dia: 5.98999 in
Len: 12 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 36.90 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Pier #1 shaft
Broke By: Ed Olszewski 6-29-16
Cast By: Ed Olszewski 6-1-16
Lot: 1
D1: 5.99
D2: 5.99
Davg: 5.99
Sublot: 2A
L1: 12
L2: 11.99
Lavg: 12





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

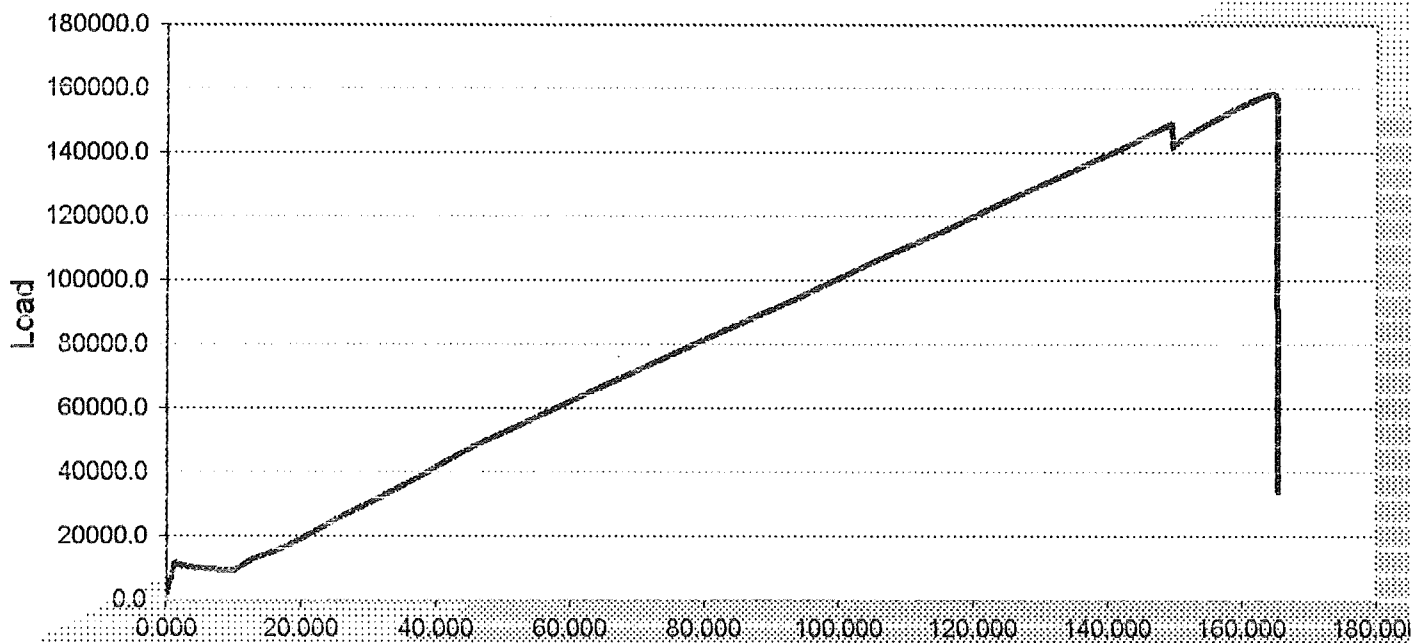
Filename: 16.313-1-3A.csv
Test_Id: 1-3A
Date: 7/1/16
Time: 8:43:38
Type: CCYL
Pk_Load: 158590 Lb
Pk_Stress: 5590 psi/
Area: 28.368 in2

Dia: 6.01 in
Len: 12 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 34.50 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Conical & Shear
Description: B-11-156 Pier #2 footing
Broke By: Ed Olszewski 7-1-16/
Cast By: Ed Olszewski 6-3-16
Lot: 1 /
D1: 6.00
D2: 6.01
Davg: 6.01

Sublot: 3A /
L1: 12
L2: 11.99
Lavg: 12

Load vs. Time





Point of Beginning

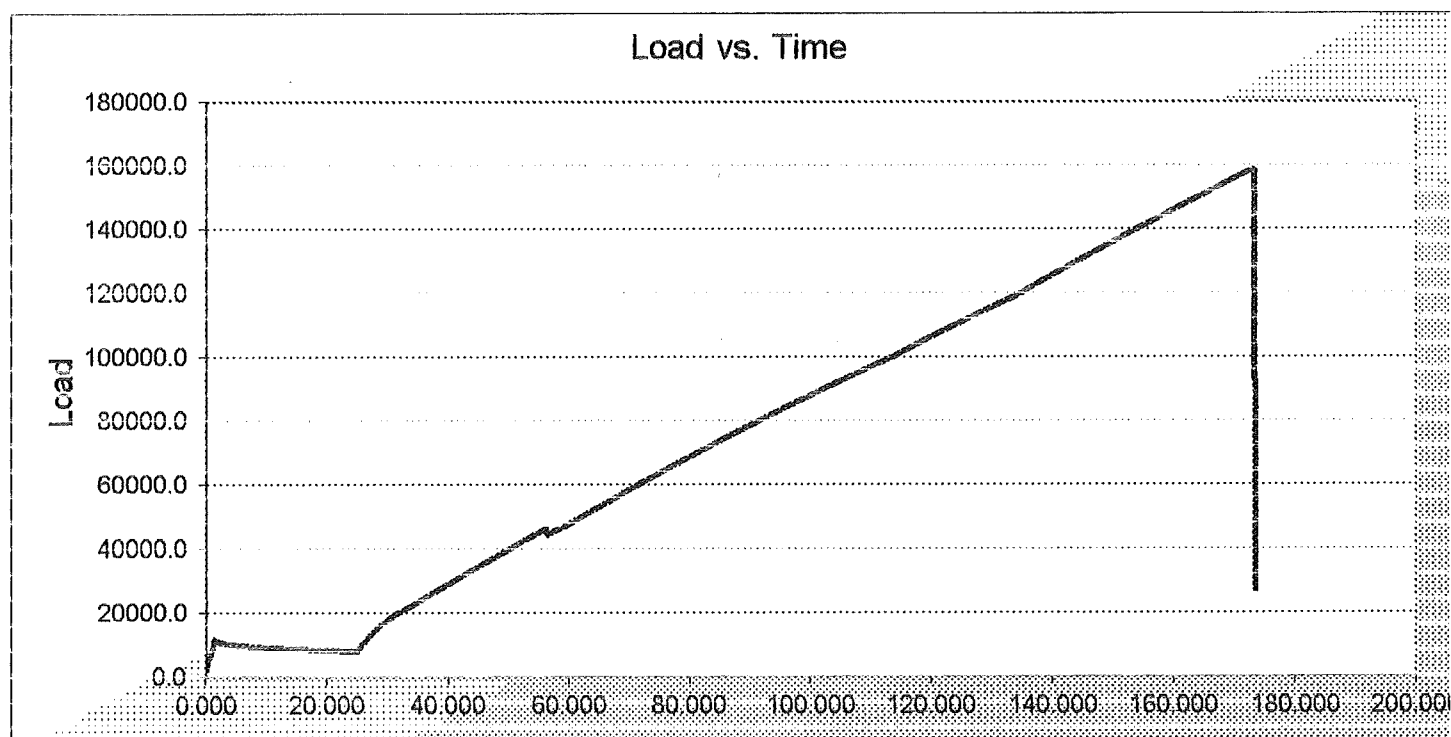
5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-1-3B.csv
Test_Id: 1-3B
Date: 7/1/16
Time: 8:48:13
Type: CCYL
Pk_Load: 158720 Lb
Pk_Stress: 5595 psi
Area: 28.368 in²

Dia: 6.01 in
Len: 12.02 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 34.00 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Conical & Shear
Description: B-11-156 Pier #2 footing
Broke By: Ed Olszewski 7-1-16
Cast By: Ed Olszewski 6-3-16

Lot:	1	Sublot:	3B
D1:	6.00	L1:	12.02
D2:	6.01	L2:	12.01
Davg:	6.01	Lavg:	12.02





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

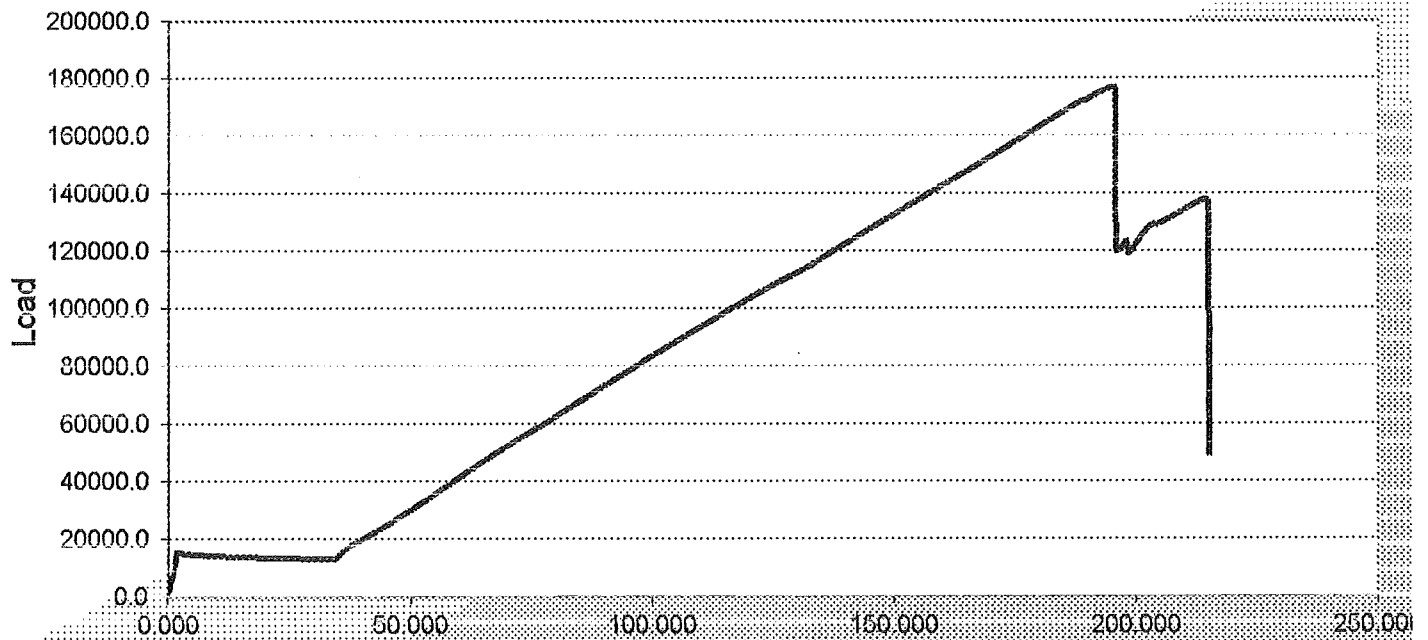
Filename: 16.313-1-4A.csv
Test_Id: 1-4A
Date: 7/4/16
Time: 10:29:17
Type: CCYL
Pk_Load: 177110 Lb
Pk_Stress: 6245 psi
Area: 28.368 in²

Dia: 6.01 in
Len: 12 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 36.90 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Pier #2 shaft
Broke By: Ed Olszewski 7-4-16
Cast By: Ed Olszewski 6-6-16
Lot: 1
D1: 6.00
D2: 6.01
Davg: 6.01

Sublot: 4A
L1: 12
L2: 11.99
Lavg: 12

Load vs. Time





Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

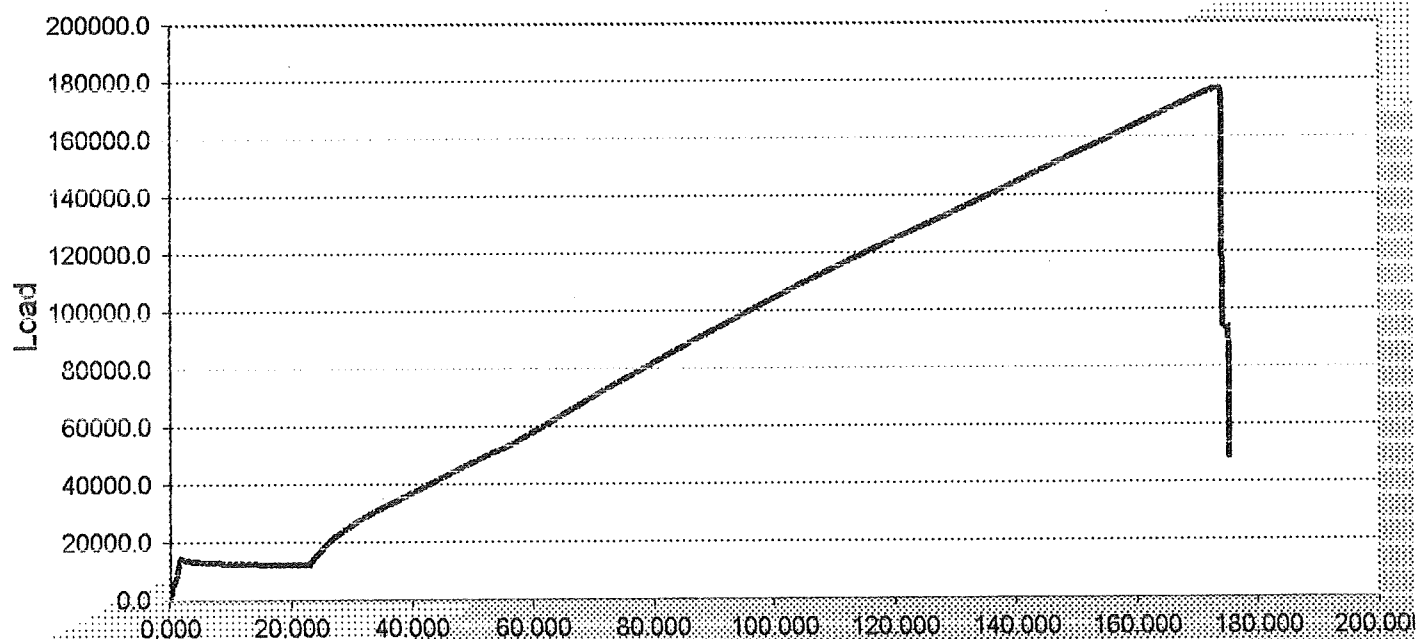
Filename: 16.313-1-4B.csv
Test_Id: 1-4B
Date: 7/4/16
Time: 10:34:32
Type: CCYL
Pk_Load: 177225 Lb
Pk_Stress: 6265 psi
Area: 28.274 in²

Dia: 6 in
Len: 11.98 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 39.00 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Pier #2 shaft
Broke By: Ed Olszewski 7-4-16
Cast By: Ed Olszewski 6-6-16
Lot: 1
D1: 6.00
D2: 6.00
Davg: 6.00

Sublot: 4B
L1: 11.99
L2: 11.97
Lavg: 11.98

Load vs. Time





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

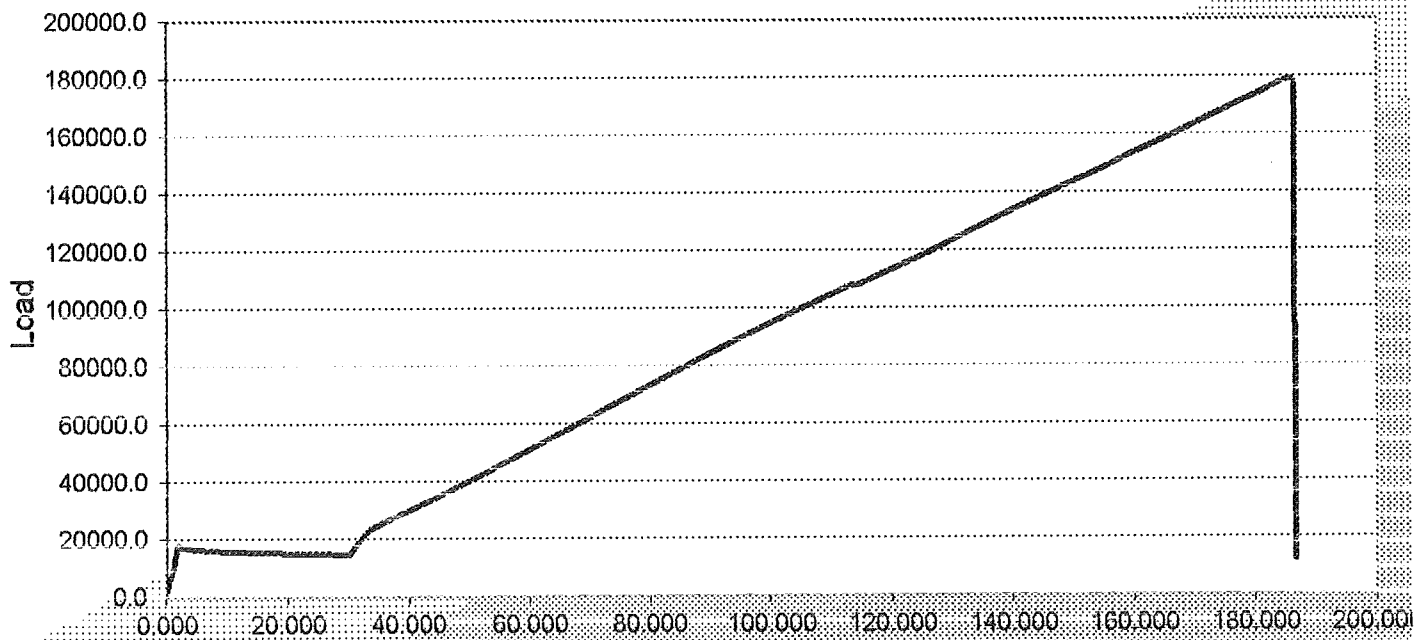
Filename: 16.313-1-5A.csv
Test_Id: 1-5A
Date: 7/4/16
Time: 10:38:55
Type: CCYL
Pk_Load: 179090 Lb
Pk_Stress: 6335 psi
Area: 28.274 in²

Dia: 6 in
Len: 11.99 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 37.10 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Pier #2 shaft
Broke By: Ed Olszewski 7-4-16
Cast By: Ed Olszewski 6-6-16
Lot: 1
D1: 5.99
D2: 6.01
Davg: 6.00

Sublot: 5A
L1: 12
L2: 11.98
Lavg: 11.99

Load vs. Time





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

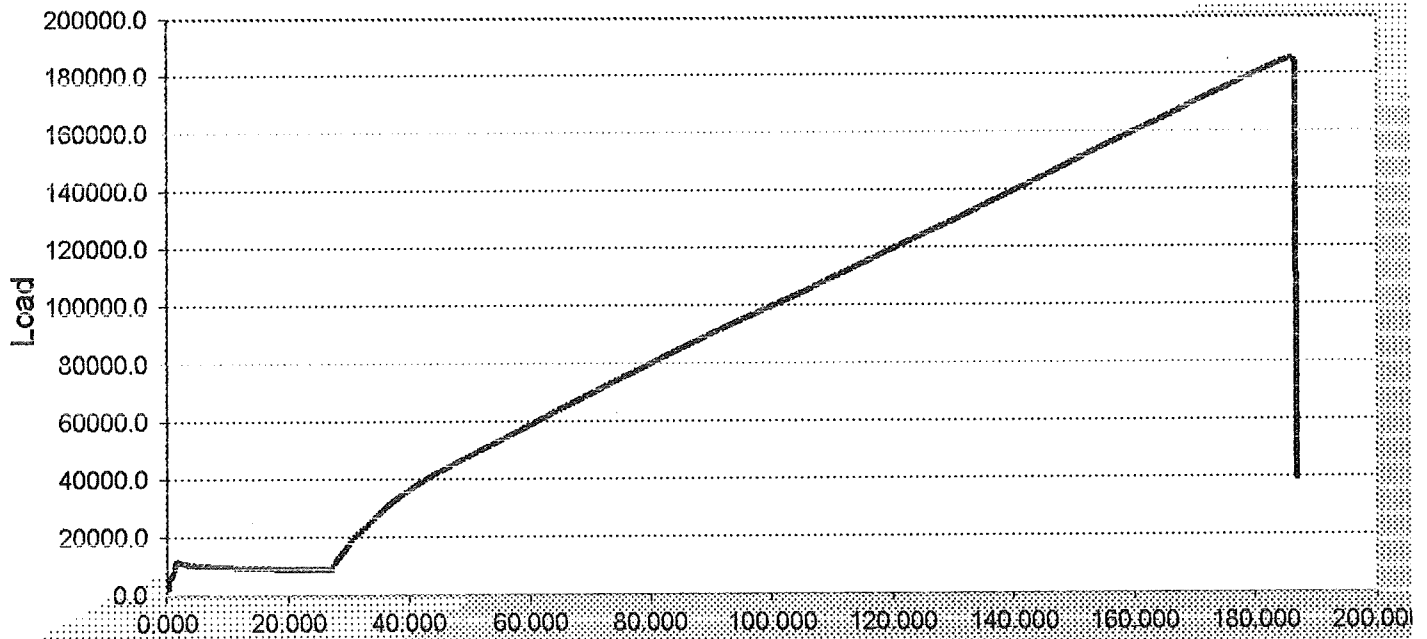
Filename: 16.313-1-5B.csv
Test_Id: 1-5B
Date: 7/4/16
Time: 10:43:36
Type: CCYL
Pk_Load: 185320 Lb
Pk_Stress: 6575 psi ✓
Area: 28.18 in²

Dia: 5.98999 in
Len: 12.01 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 36.80 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Pier #2 shaft
Broke By: Ed Olszewski 7-4-16 ✓
Cast By: Ed Olszewski 6-6-16
Lot: 1 ✓
D1: 5.99
D2: 5.99
Davg: 5.99

Sublot: 5B ✓
L1: 12.01
L2: 12.01
Lavg: 12.01

Load vs. Time





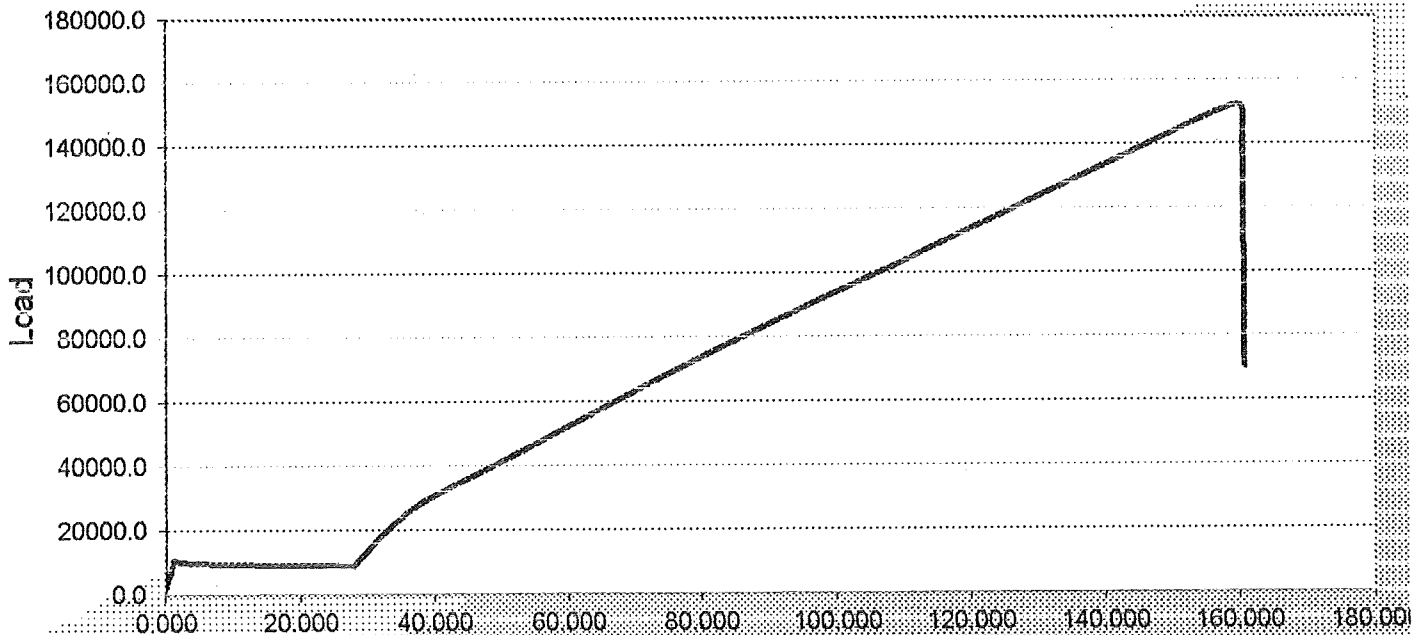
Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-1-6A.csv
Test_Id: 1-6A
Date: 7/7/16
Time: 9:35:59
Type: CCYL
Pk_Load: 152555 Lb
Pk_Stress: 5375 psi
Area: 28.368 in²

Dia: 6.01 in
Len: 12 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 36.60 psi/s

Project:	6723-00-71
Project Number:	16.313
Break Type:	Long Shear
Description:	B-11-156 Pier #2 upper shaft
Broke By:	Ed Olszewski 7-7-16
Cast By:	Dan Bachinski 6-9-16
Lot:	1
D1:	6.00
D2:	6.01
Davg:	6.01
Sublot:	6A
L1:	12
L2:	11.99
Lavg:	12

Load vs. Time



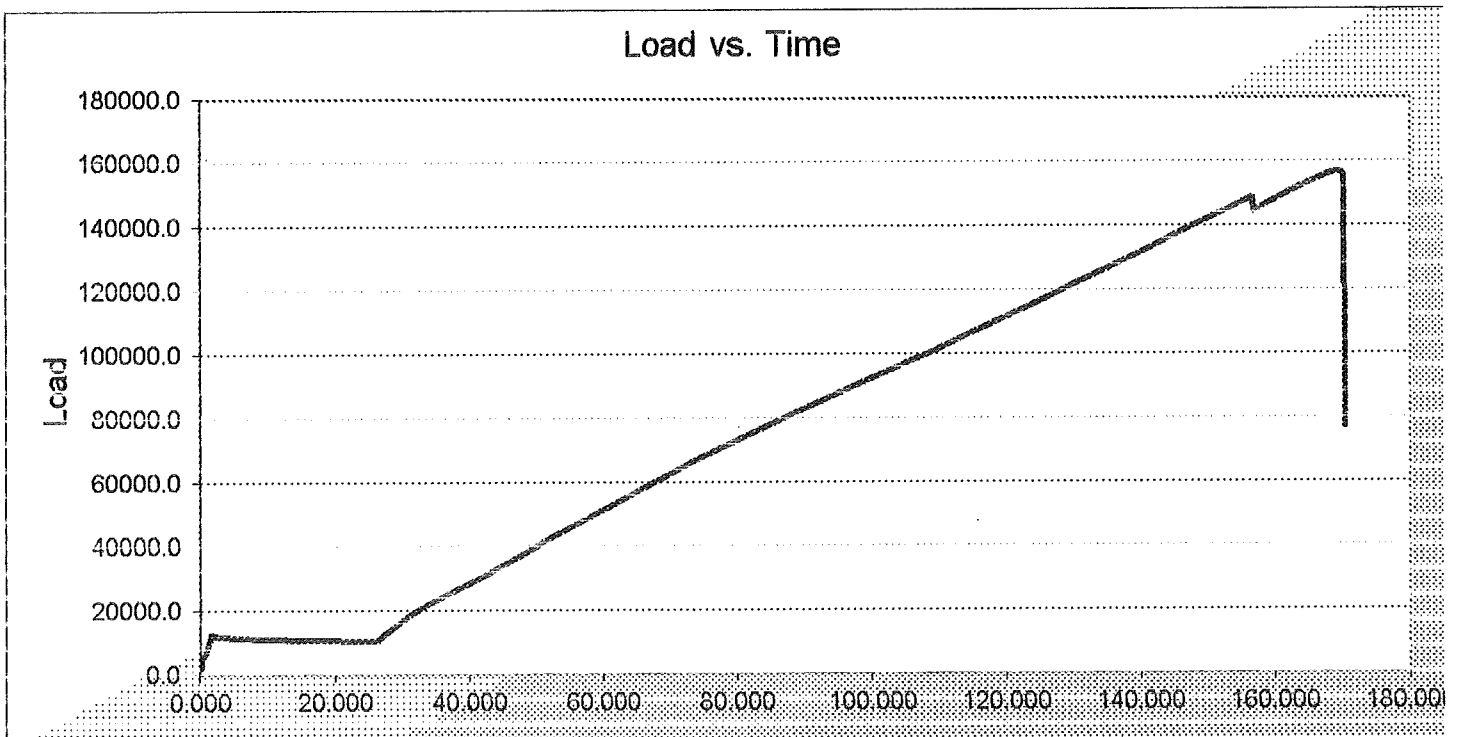


Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-1-6B.csv
Test_Id: 1-6B
Date: 7/7/16
Time: 9:45:26
Type: CCYL
Pk_Load: 156715 Lb
Pk_Stress: 5540 psi
Area: 28.274 in²

Dia: 6 in
Len: 11.98 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 36.80 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Pier #2 upper shaft
Broke By: Ed Olszewski 7-7-16
Cast By: Dan Bachinski 6-9-16
Lot: 1
D1: 6.00
D2: 6.00
Davg: 6.00
Sublot: 6B
L1: 11.99
L2: 11.97
Lavg: 11.98





Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Resolution

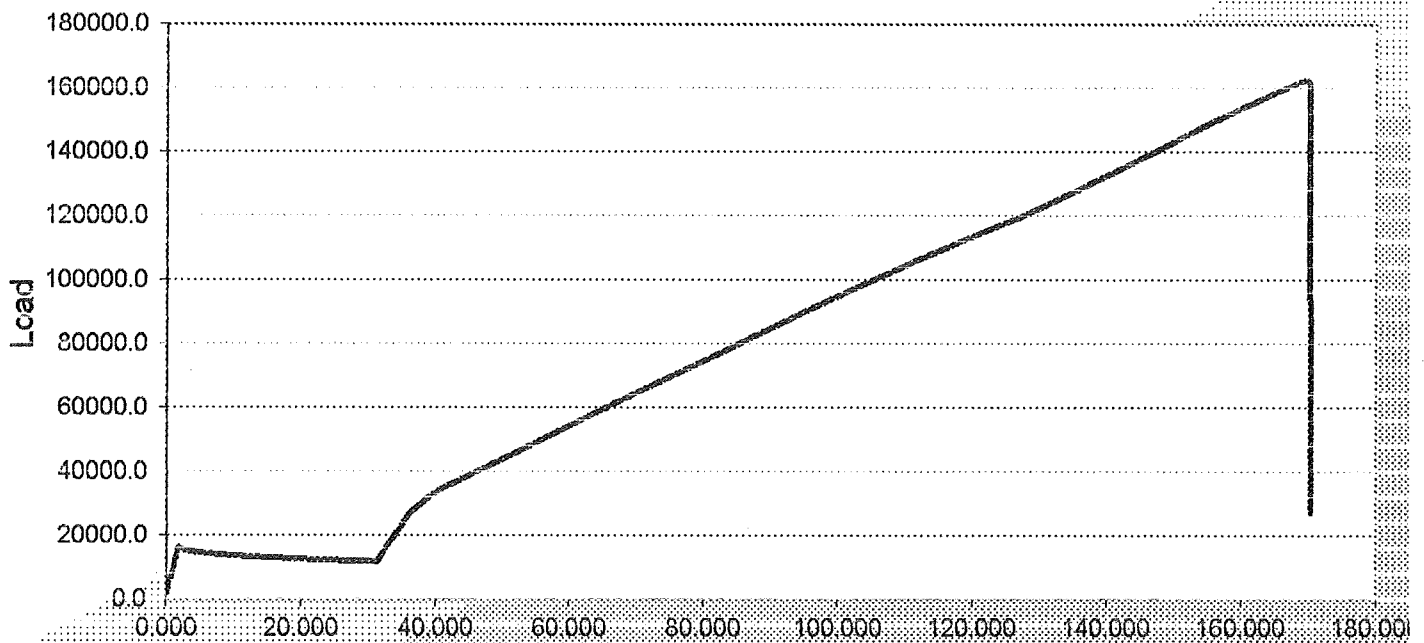
Filename: 16.313-1-7A.csv
Test_Id: 1-7A
Date: 7/14/16
Time: 11:04:35
Type: CCYL
Pk_Load: 162285 Lb
Pk_Stress: 5720 psi ✓
Area: 28.368 in²

Dia: 6.01 in
Len: 12.02 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 35.20 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Pier #1 cap
Broke By: Ed Olszewski 7-14-16 ✓
Cast By: Ed Olszewski 6-16-16
Lot: 1 ✓
D1: 6.00
D2: 6.01
Davg: 6.01

Sublot: 7A ✓
L1: 12.02
L2: 12.01
Lavg: 12.02

Load vs. Time

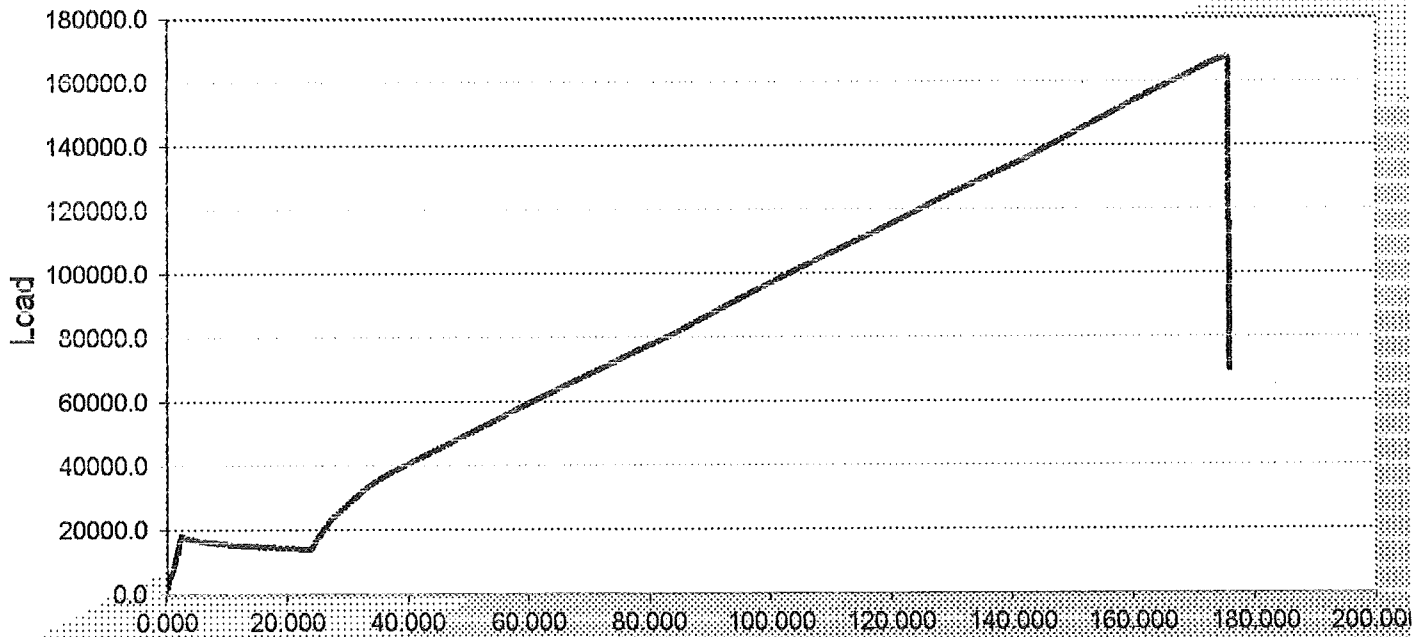




Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-1-7B.csv	Project:	6723-00-71
Test_Id:	1-7B	Project Number:	16.313
Date:	7/14/16	Break Type:	Long Shear
Time:	11:08:42	Description:	B-11-156 Pier #1 cap
Type:	CCYL	Broke By:	Ed Olszewski 7-14-16
Pk_Load:	167935 Lb	Cast By:	Ed Olszewski 6-16-16
Pk_Stress:	5920 psi	Lot:	1
Area:	28.368 in ²	D1:	6.00
		D2:	6.01
		Davg:	6.01
Dia:	6.01 in	Sublot:	7B
Len:	12 in	L1:	12
Corr.:	1	L2:	11.99
Wt:	28.9 Lb	Lavg:	12
Age:	28 days		
Rate:	33.10 psi/s		

Load vs. Time





Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

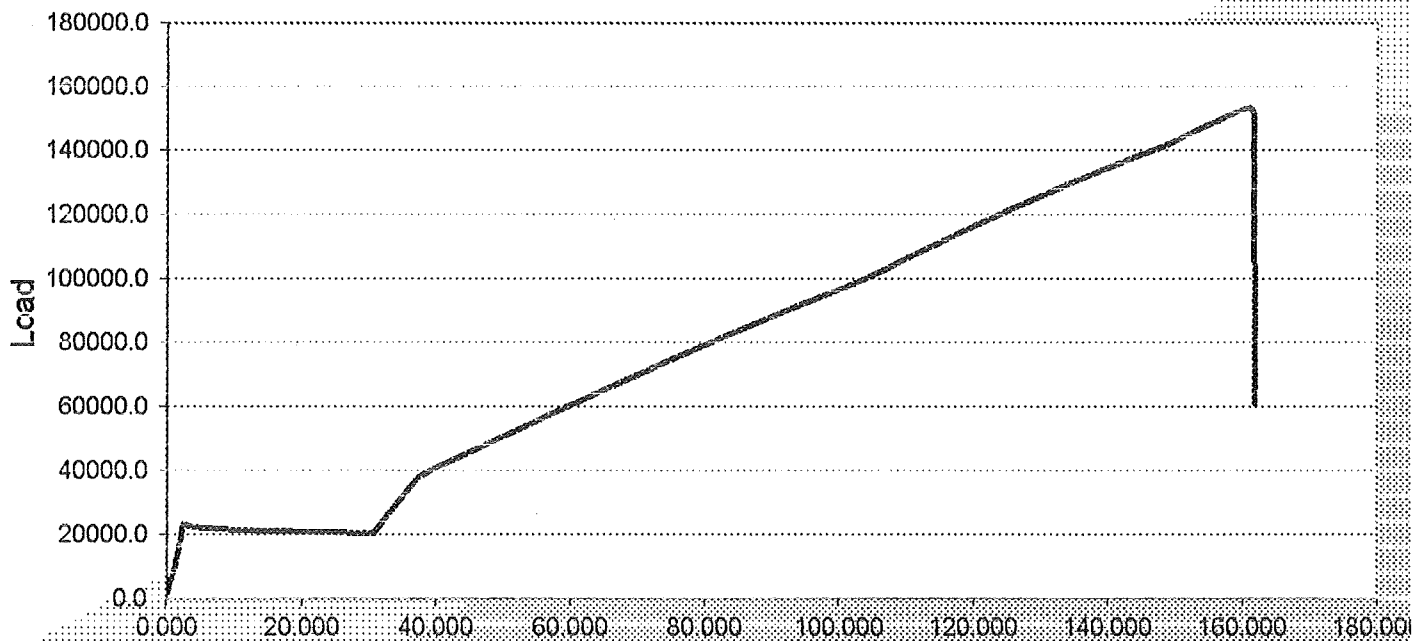
Filename: 16.313-1-8A.csv
Test_Id: 1-8A
Date: 8/5/16
Time: 9:25:31
Type: CCYL
Pk_Load: 153325 Lb
PK_Stress: 5420 psi
Area: 28.274 in²

Dia: 6 in
Len: 11.99 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 33.40 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156, north abutment
Broke By: Ed Olszewski 8-5-16
Cast By: Dan Bachinski 7-8-16
Lot: 1
D1: 5.99
D2: 6.01
Davg: 6.00

Sublot: 8A
L1: 11.99
L2: 11.98
Lavg: 11.99

Load vs. Time





Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

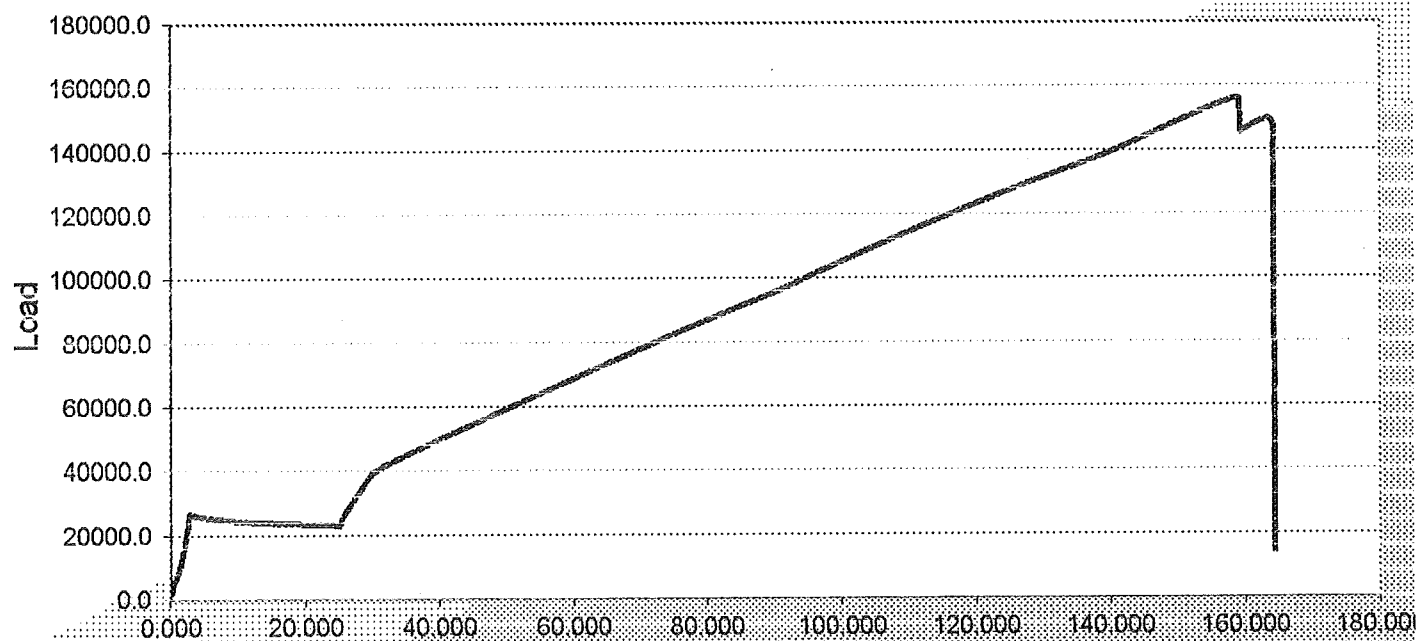
Filename: 16.313-1-8B.csv
Test_Id: 1-8B
Date: 8/5/16
Time: 9:29:39
Type: CCYL
Pk_Load: 156445 Lb
Pk_Stress: 5515 psi
Area: 28.368 in²

Dia: 6.01 in
Len: 11.99 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 32.50 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156, north abutment
Broke By: Ed Olszewski 8-5-16
Cast By: Dan Bachinski 7-8-16

Lot:	1	Sublot:	8B
D1:	6.00	L1:	11.99
D2:	6.01	L2:	11.99
Davg:	6.01	Lavg:	11.99

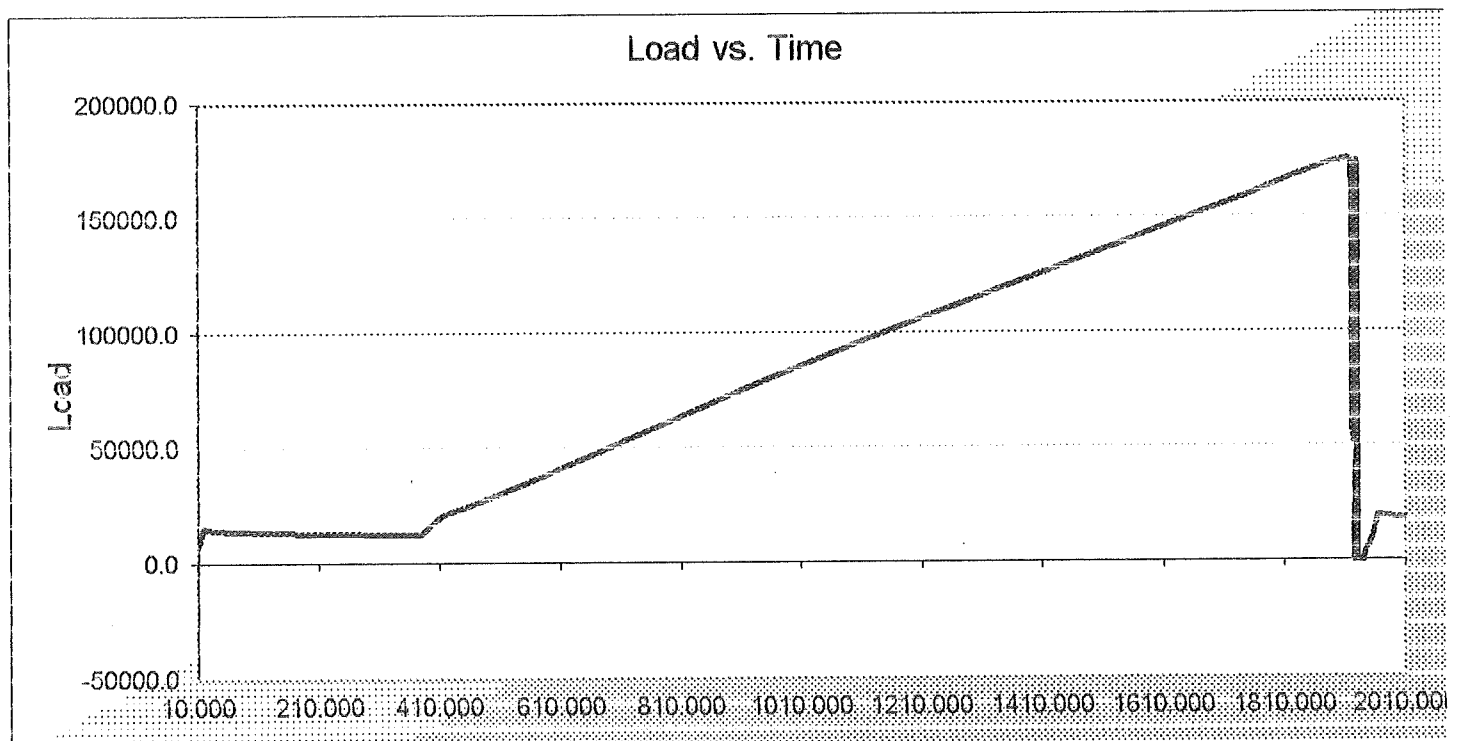
Load vs. Time





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-2-1A.csv	Project:	6723-00-71
Test_Id:	2-1A	Project Number:	16.313
Date:	9/20/16	Break Type:	Long Shear (Normal)
Time:	14:28:25	Description:	B-11-156, parapet walls
Type:	CCYL	Broke By:	Ed Olszewski 9-20-16
Pk_Load:	174775 Lb	Cast By:	Dan Bachinski 8-23-16
Pk_Stress:	6200 psi	Lot:	2
Area:	28.18 in ²	D1:	5.99
		D2:	5.99
		Davg:	5.99
Dia:	5.98999 in	Sublot:	1A
Len:	11.98 in	L1:	11.99
Corr.:	1	L2:	11.97
Wt:	28.9 Lb	Lavg:	11.98
Age:	28 days		
Rate:	38.40 psi/s		



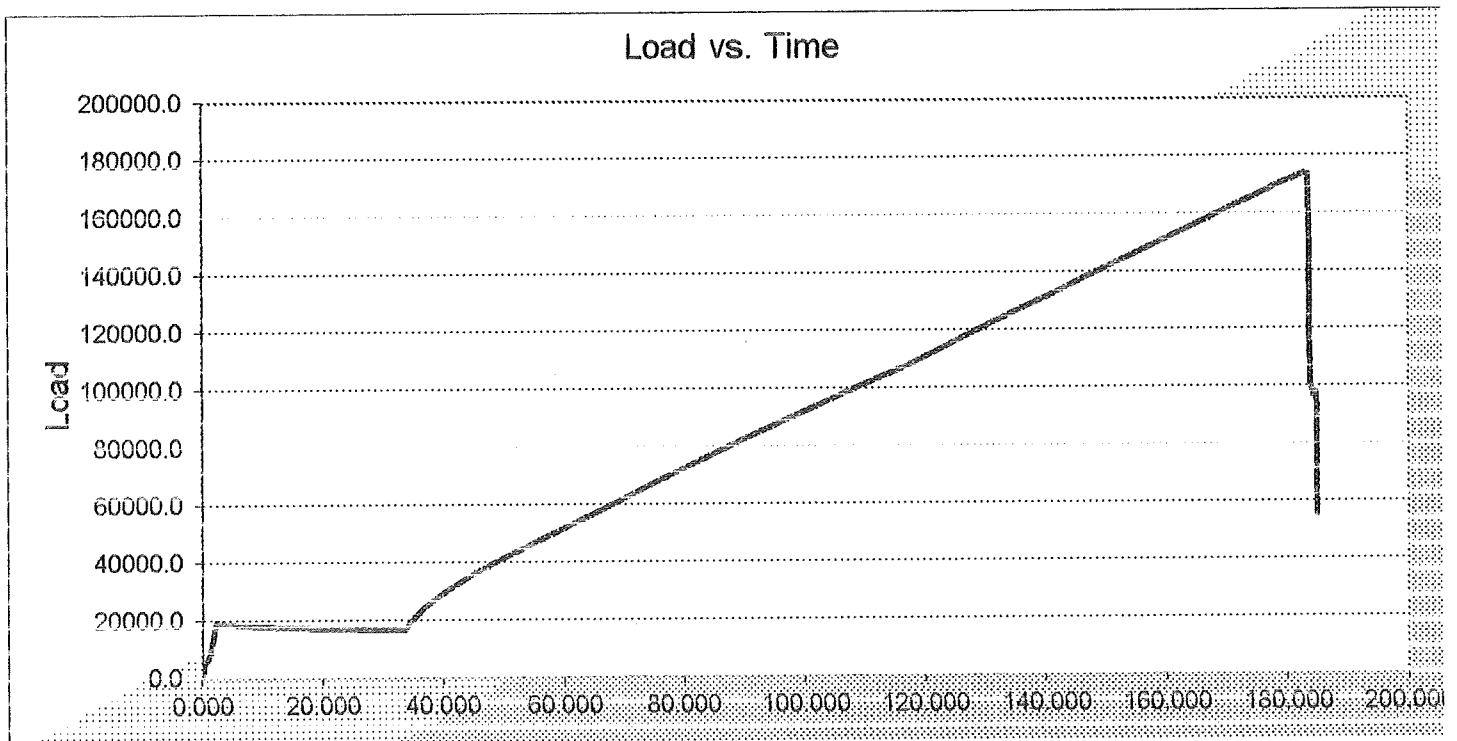


Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-2-1B.csv
Test_Id: 16
Date: 9/20/16
Time: 14:33:56
Type: CCYL
Pk_Load: 173935 Lb
Pk_Stress: 6170 psi
Area: 28.18 in²

Dia: 5.98999 in
Len: 11.99 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 36.00 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear (Normal)
Description: B-11-156, parapet walls
Broke By: Ed Olszewski 9-20-16
Cast By: Dan Bachinski 8-23-16
Lot: 2
Sublot: 1B
D1: 5.99 L1: 11.99
D2: 5.99 L2: 11.98
Davg: 5.99 Lavg: 11.99





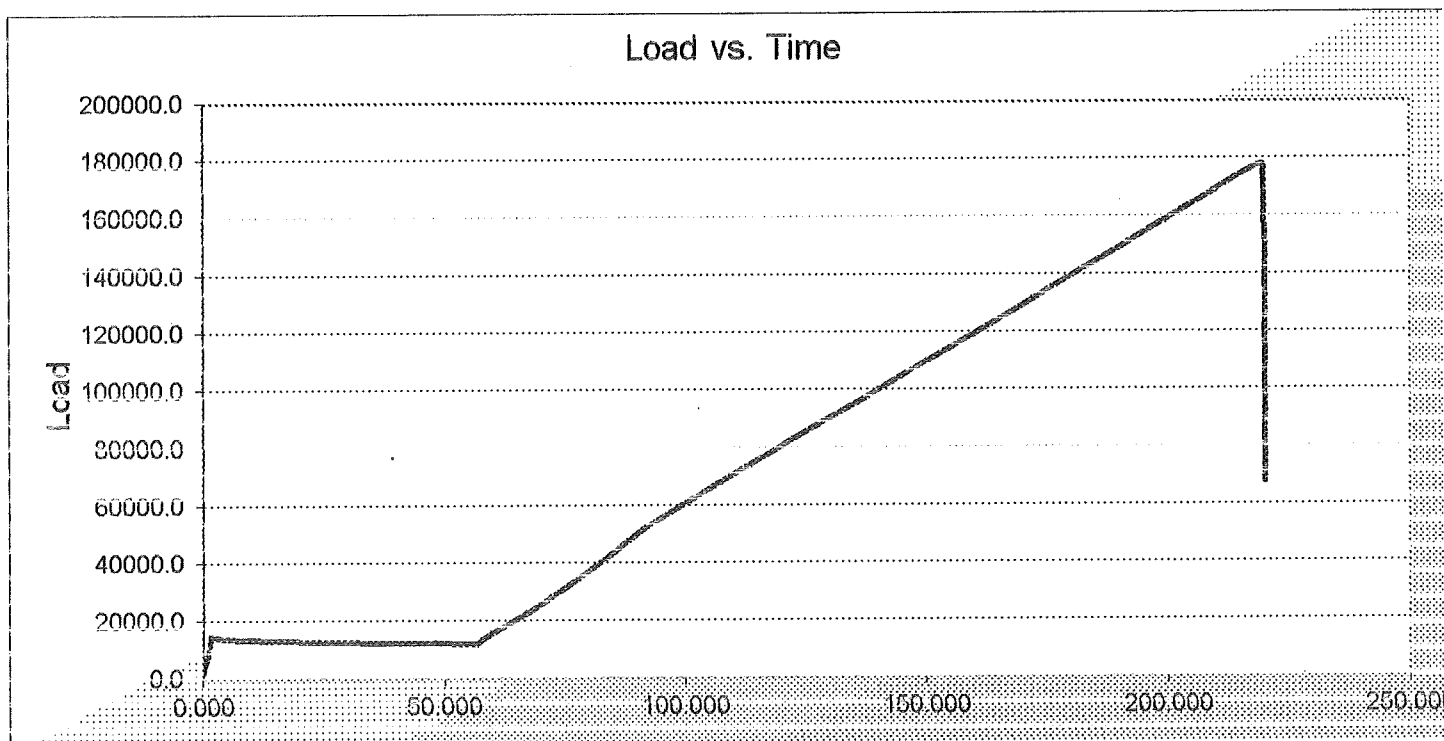
Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-2-2A.csv
Test_Id: 2-2A
Date: 9/21/16
Time: 13:49:04
Type: CCYL
Pk_Load: 177810 Lb
Pk_Stress: 6310 psi ✓
Area: 28.18 in²

Dia: 5.98999 in
Len: 11.95 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 30.60 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear (Normal)
Description: B-11-156, parapet walls
Broke By: Ed Olszewski 9-21-16 ✓
Cast By: Dan Bachinski 8-24-16
Lot: 2 ✓
D1: 5.99
D2: 5.98
Davg: 5.99
Sublot: 2A ✓
L1: 11.93
L2: 11.97
Lavg: 11.95





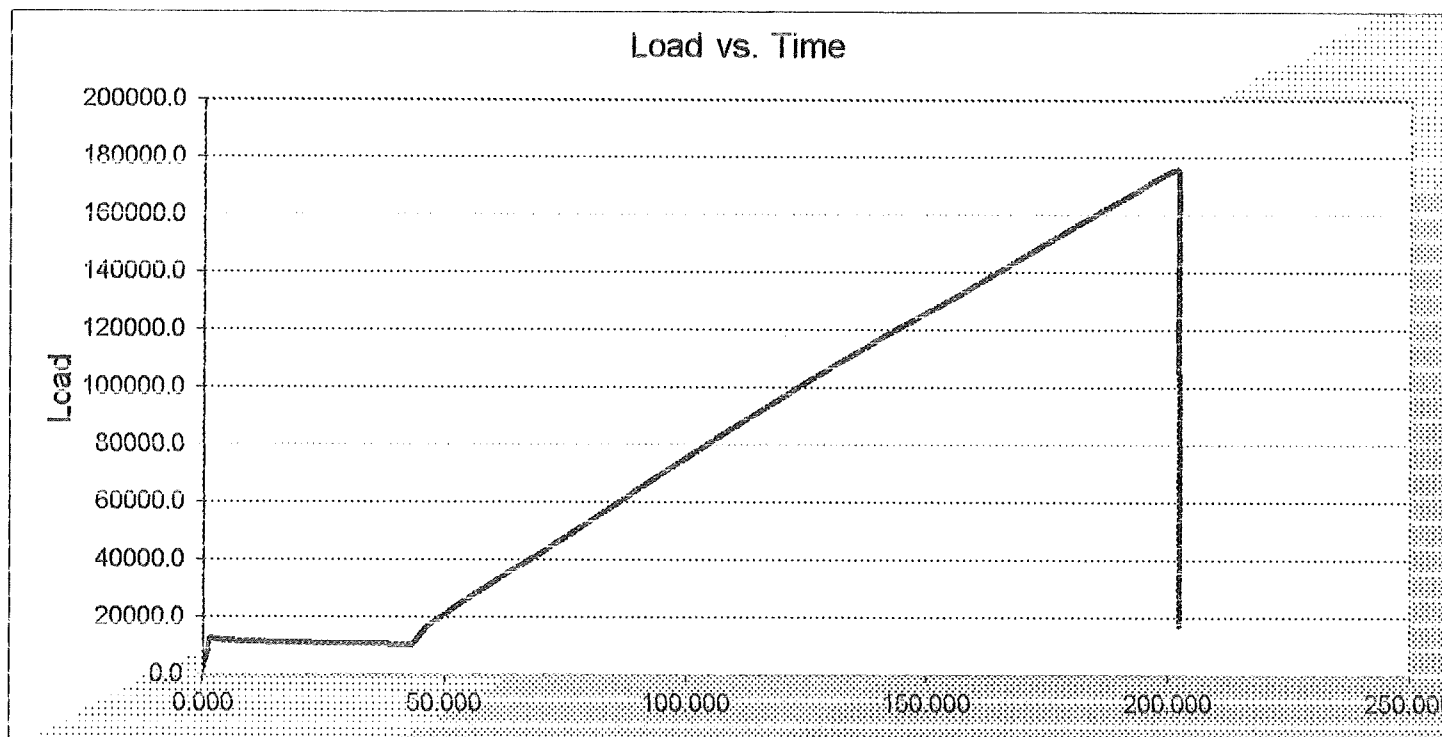
Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-2-2B.csv
Test_Id: 2-2B
Date: 9/21/16
Time: 14:23:29
Type: CCYL
Pk_Load: 176105 Lb
Pk_Stress: 6250 psi
Area: 28.18 in²

Dia: 5.98999 in
Len: 11.97 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 38.80 psi/s

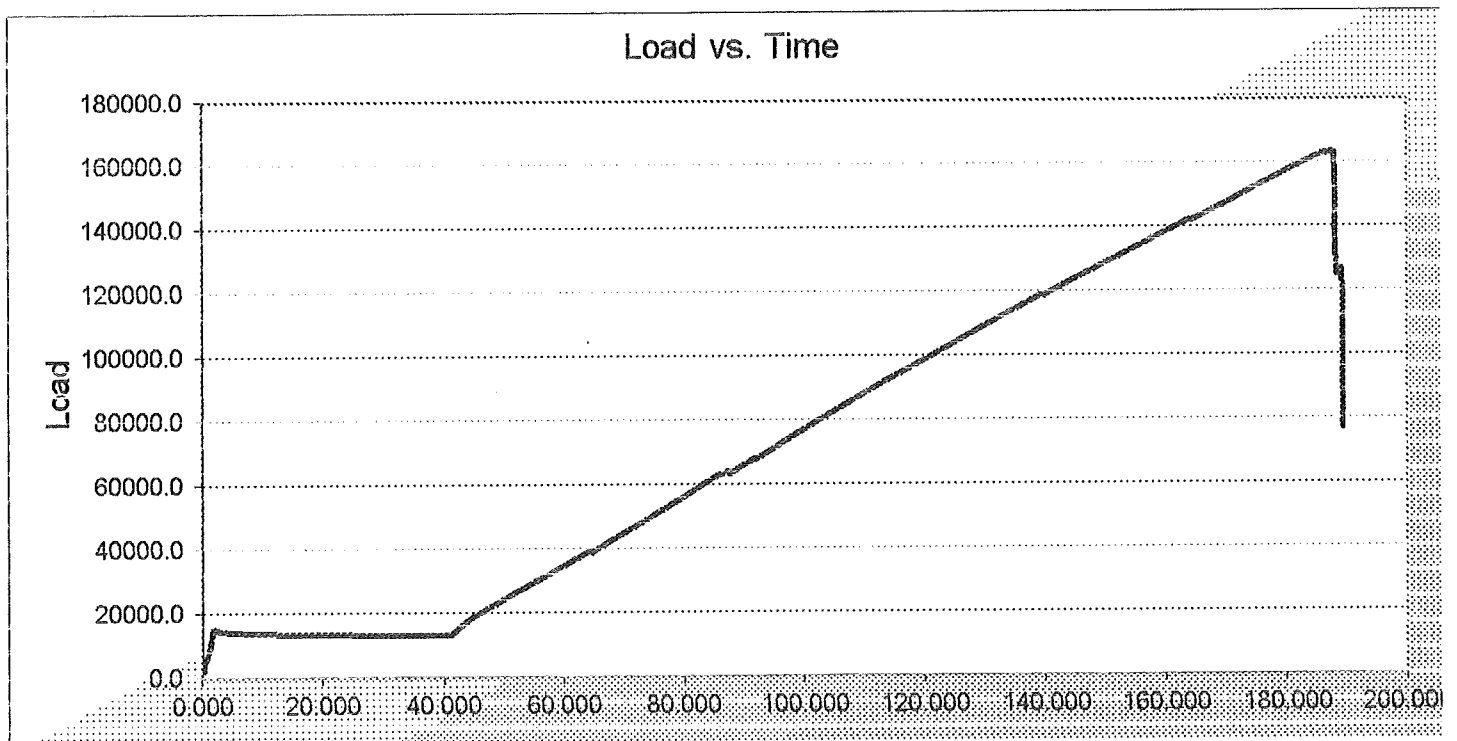
Project:	6723-00-71		
Project Number:	16.313		
Break Type:	Long Shear (Normal)		
Description:	B-11-156, parapet walls		
Broke By:	Ed Olszewski 9-21-16		
Cast By:	Dan Bachinski 8-24-16		
Lot:	2	Sublot:	2B
D1:	5.99	L1:	11.96
D2:	5.98	L2:	11.97
Davg:	5.99	Lavg:	11.97





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

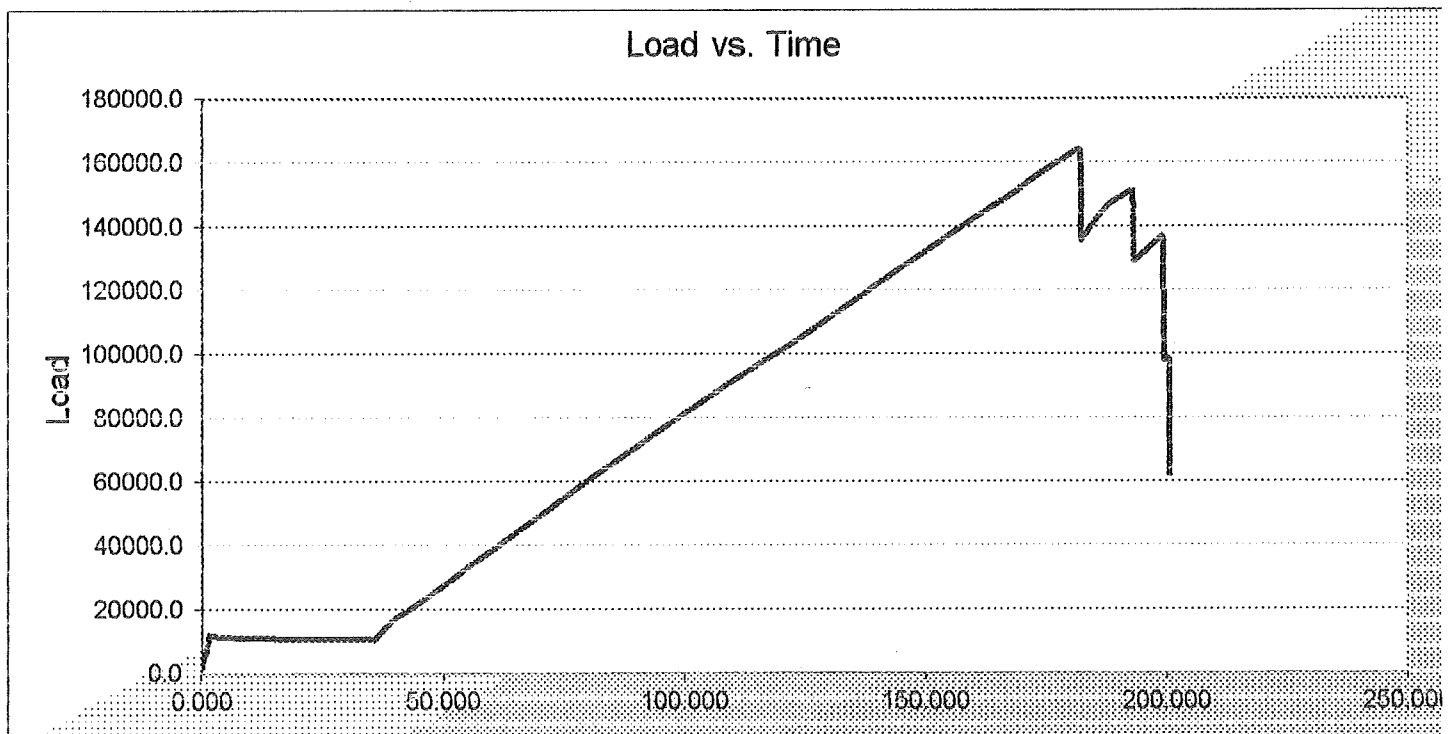
Filename:	16.313-3-1A.csv	Project:	6723-00-71
Test_Id:	3-1A	Project Number:	16.313
Date:	9/1/16	Break Type:	Long Shear
Time:	8:12:07	Description:	B-11-156 Deck
Type:	CCYL	Broke By:	Ed Olszewski 9-1-16
Pk_Load:	163520 Lb	Cast By:	Dan Bachinski 8-4-16
Pk_Stress:	5785 psi	Lot:	3
Area:	28.274 in ²	D1:	5.99
		D2:	6.00
		Davg:	6.00
Dia:	6 in	Sublot:	1A
Len:	12.01 in	L1:	12
Corr.:	1	L2:	12.01
Wt:	28.9 Lb	Lavg:	12.01
Age:	28 days		
Rate:	38.50 psi/s		





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-3-1B.csv	Project:	6723-00-71
Test_Id:	3-1B	Project Number:	16.313
Date:	9/1/16	Break Type:	Long Shear
Time:	8:16:47	Description:	B-11-156 Deck
Type:	CCYL	Broke By:	Ed Olszewski 9-1-16
Pk_Load:	164075 Lb	Cast By:	Dan Bachinski 8-4-16
Pk_Stress:	5785 psi	Lot:	3
Area:	28.368 in ²	D1:	6.01
		D2:	6.00
		Davg:	6.01
Dia:	6.01 in	Sublot:	1B
Len:	11.99 in	L1:	11.99
Corr.:	1	L2:	11.98
Wt:	28.9 Lb	Lavg:	11.99
Age:	28 days		
Rate:	37.20 psi/s		





Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

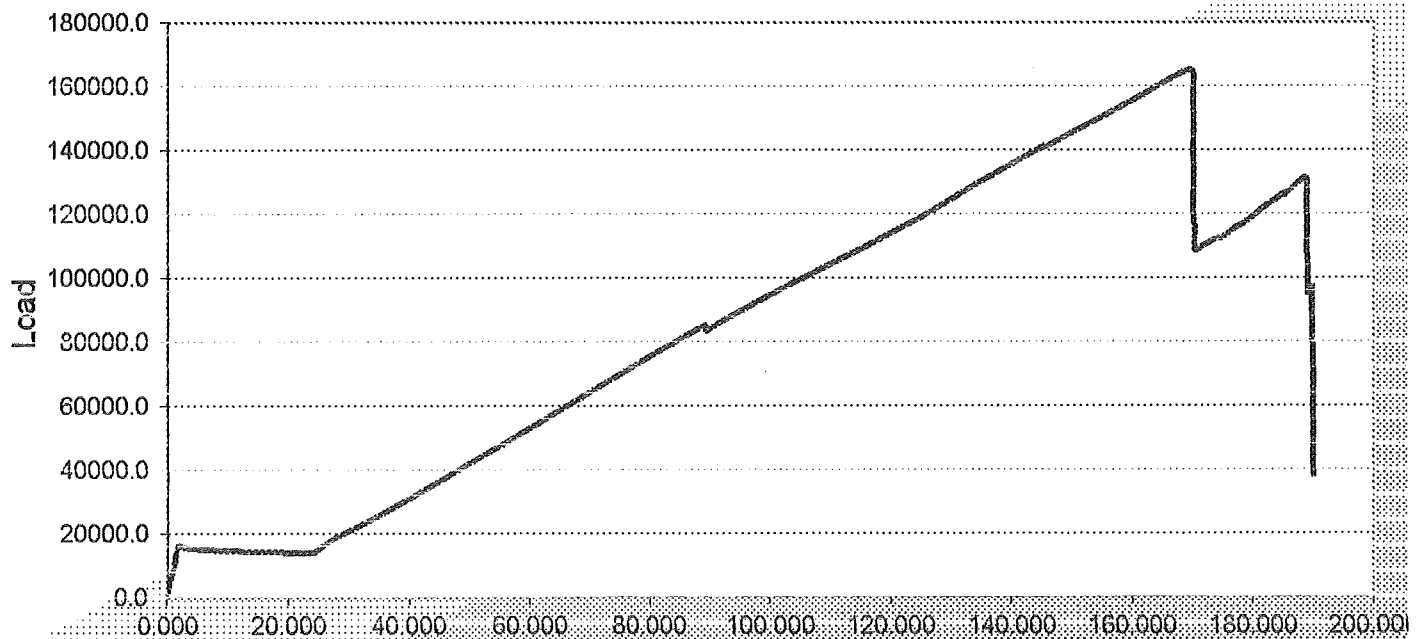
Filename: 16.313-3-2A.csv
Test_Id: 3-2A
Date: 9/1/16
Time: 8:21:27
Type: CCYL
Pk_Load: 165070 Lb
Pk_Stress: 5820 psi
Area: 28.368 in²

Dia: 6.01 in
Len: 12 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 36.70 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Conical & Shear
Description: B-11-156 Deck
Broke By: Ed Olszewski 9-1-16
Cast By: Dan Bachinski 8-4-16
Lot: 3
D1: 6.01
D2: 6.00
Davg: 6.01

Sublot: 2A
L1: 12
L2: 12
Lavg: 12

Load vs. Time





Point of Beginning

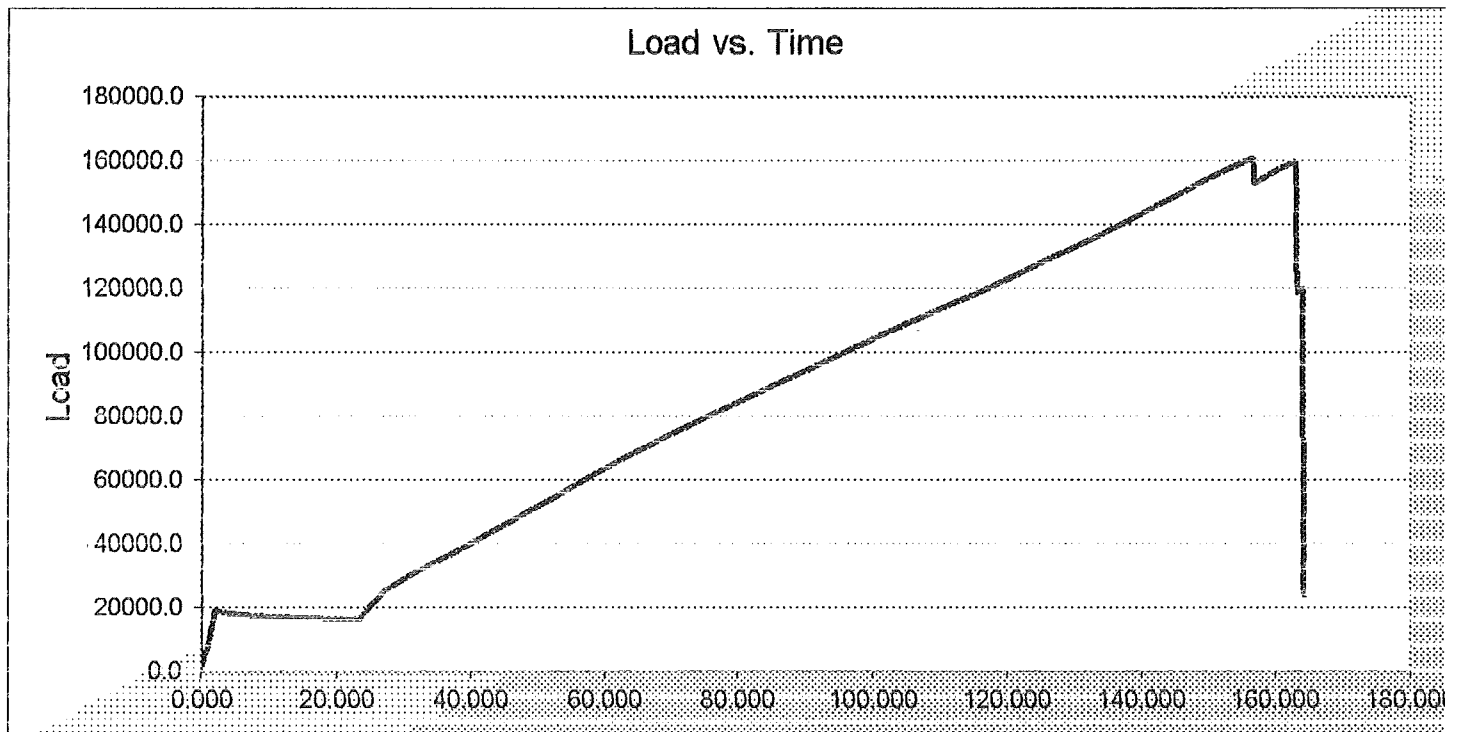
5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-3-2B.csv
Test_Id: 3-2B
Date: 9/1/16
Time: 8:26:16
Type: CCYL
Pk_Load: 160990 Lb
Pk_Stress: 5675 psi✓
Area: 28.368 in2

Dia: 6.01 in
Len: 11.98 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 36.40 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Deck
Broke By: Ed Olszewski 9-1-16✓
Cast By: Dan Bachinski 8-4-16
Lot: 3✓
D1: 6.01
D2: 6.00
Davg: 6.01

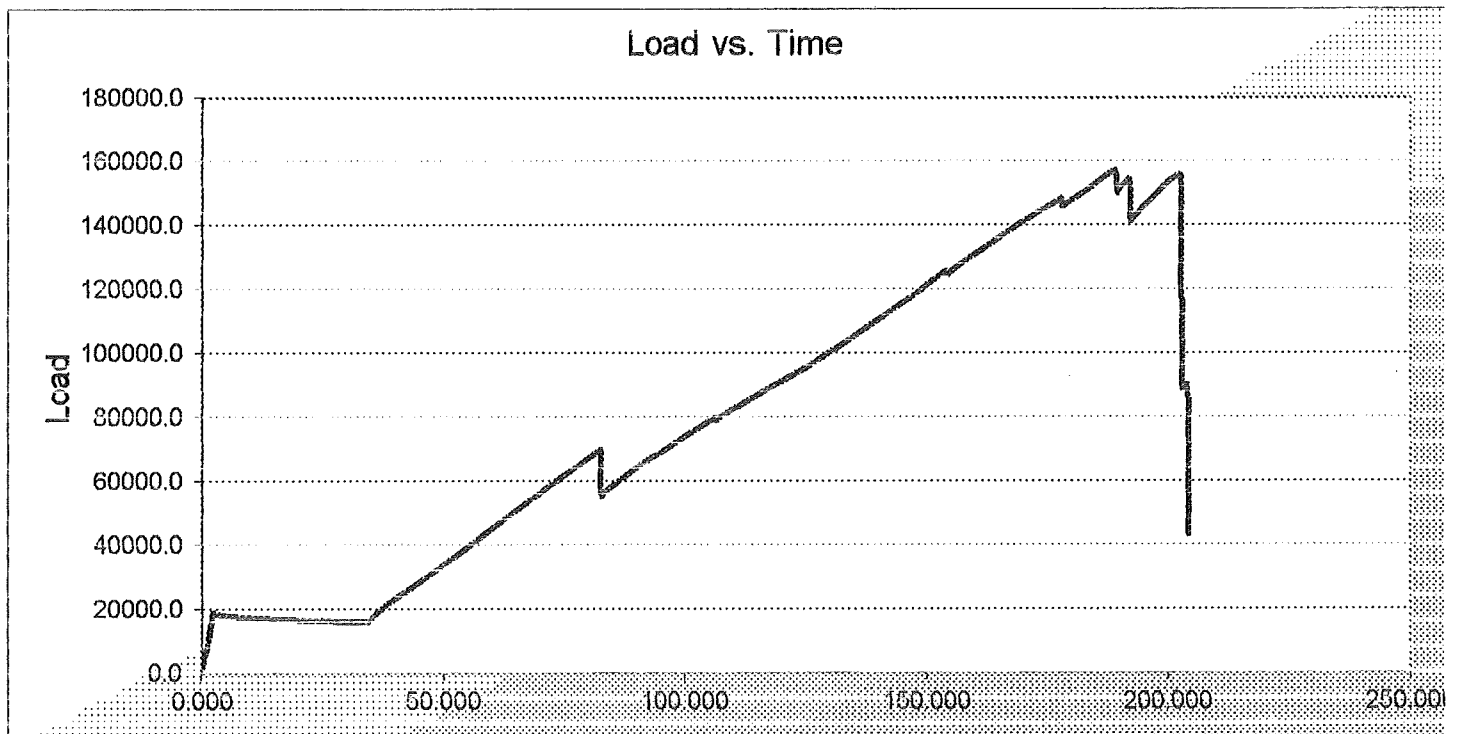
Sublot: 2B ✓
L1: 11.98
L2: 11.97
Lavg: 11.98





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

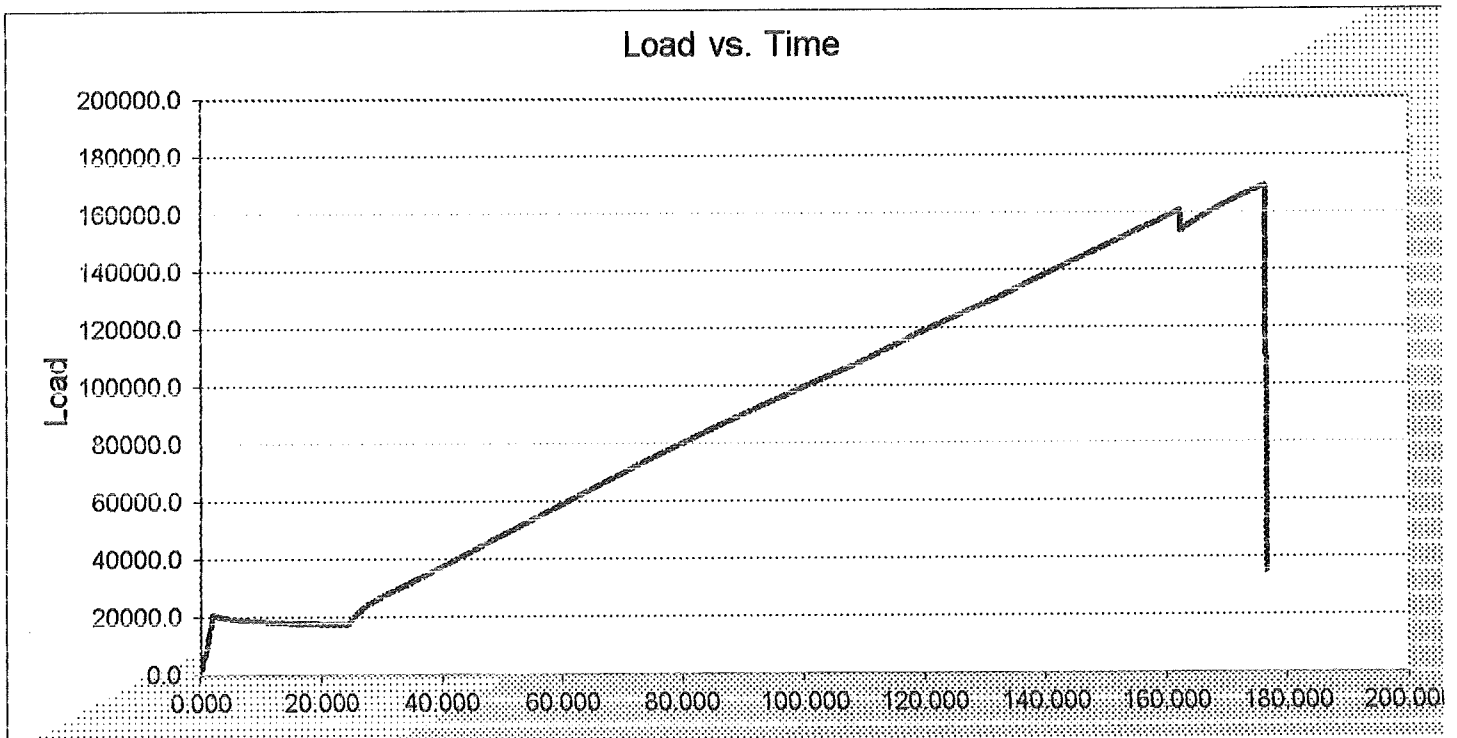
Filename:	16.313-3-3A.csv	Project:	6723-00-71
Test_Id:	3-3A	Project Number:	16.313
Date:	9/1/16	Break Type:	Long Shear
Time:	8:30:29	Description:	B-11-156 Deck
Type:	CCYL	Broke By:	Ed Olszewski 9-1-16
Pk_Load:	157365 Lb	Cast By:	Dan Bachinski 8-4-16
Pk_Stress:	5585 psi	Lot:	3
Area:	28.18 in2	D1:	5.99
		D2:	5.99
		Davg:	5.99
Dia:	5.98999 in	Sublot:	3A
Len:	11.99 in	L1:	12
Corr.:	1	L2:	11.98
Wt:	28.9 Lb	Lavg:	11.99
Age:	28 days		
Rate:	31.10 psi/s		





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-3-3B.csv	Project:	6723-00-71
Test_Id:	3-3b	Project Number:	16.313
Date:	9/1/16	Break Type:	Long Shear
Time:	8:35:17	Description:	B-11-156 Deck
Type:	CCYL	Broke By:	Ed Olszewski 9-1-16
Pk_Load:	169135 Lb	Cast By:	Dan Bachinski 8-4-16
Pk_Stress:	6000 psi	Lot:	3
Area:	28.18 in ²	D1:	5.99
		D2:	5.99
		Davg:	5.99
Dia:	5.98999 in	Sublot:	3B
Len:	12.01 in	L1:	12.01
Corr.:	1	L2:	12.01
Wt:	28.9 Lb	Lavg:	12.01
Age:	28 days		
Rate:	36.20 psi/s		

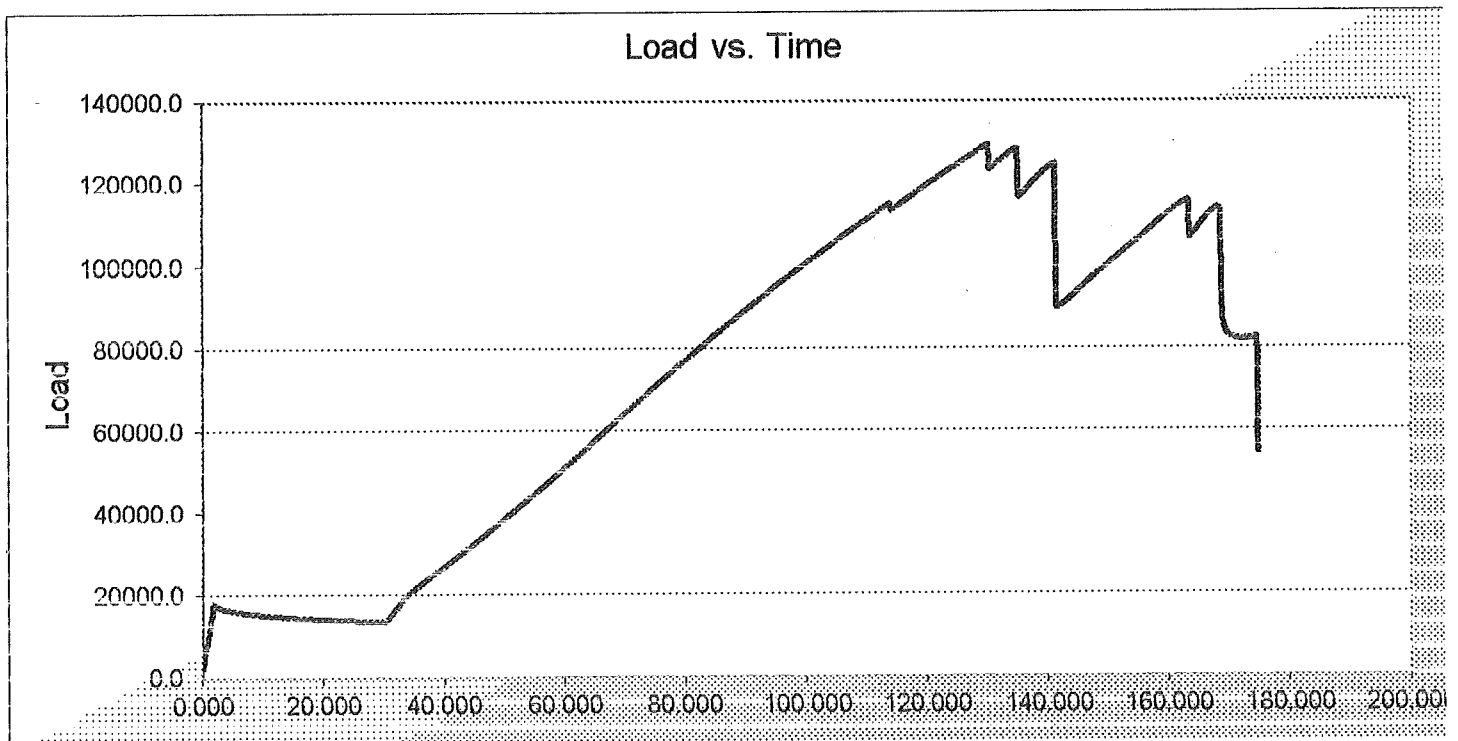




Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-3-4A.csv	Project:	6723-00-71
Test_Id:	3-4A	Project Number:	16.313
Date:	9/1/16	Break Type:	Long Shear
Time:	8:47:26	Description:	B-11-156 Deck
Type:	CCYL	Broke By:	Ed Olszewski 9-1-16
Pk_Load:	129265 Lb	Cast By:	Dan Bachinski 8-4-16
Pk_Stress:	4570 psi	Lot:	3
Area:	28.274 in ²	D1:	6.01
		D2:	5.99
		Davg:	6.00
Dia:	6 in	Sublot:	3B/A
Len:	12.01 in	L1:	12.01
Corr.:	1	L2:	12
Wt:	28.9 Lb	Lavg:	12.01
Age:	28 days		
Rate:	40.10 psi/s		





Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

8/24/2016

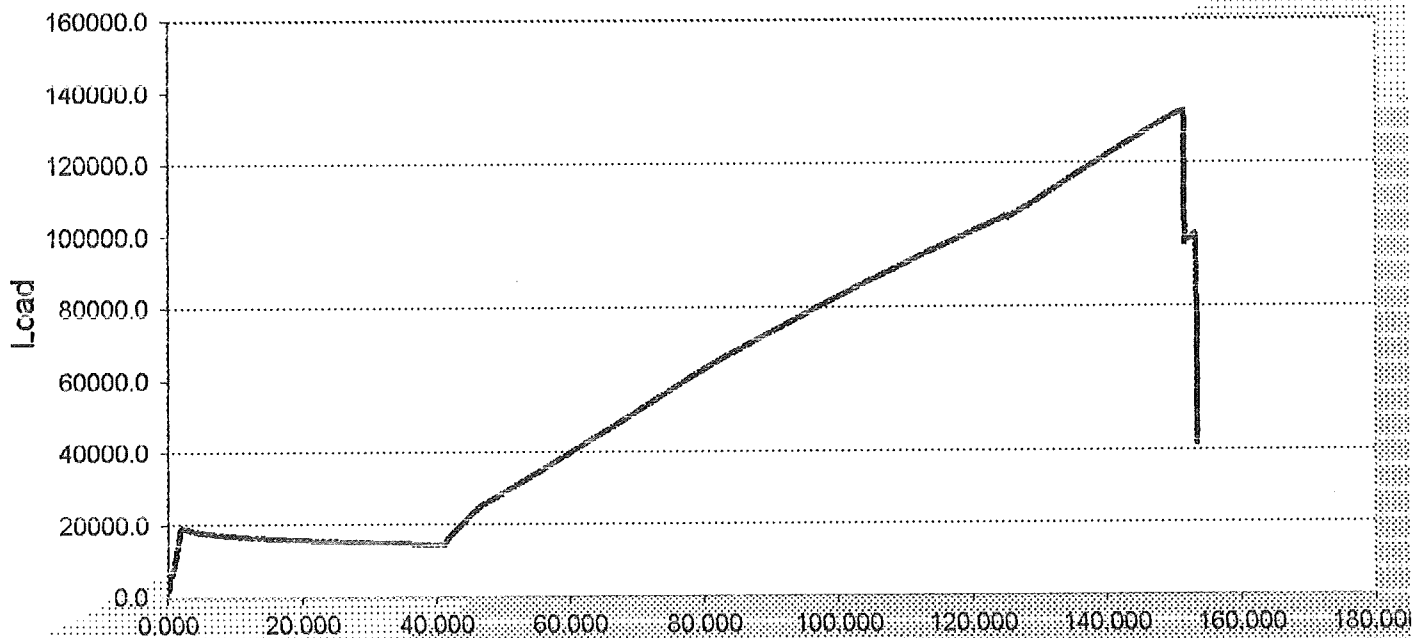
Filename: 16.313-3-4B.csv
Test_Id: 3-4B
Date: 9/1/16
Time: 8:52:29
Type: CCYL
Pk_Load: 134530 Lb
Pk_Stress: 4740 psi
Area: 28.368 in²

Dia: 6.01 in
Len: 12 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 38.90 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Deck
Broke By: Ed Olszewski 9-1-16
Cast By: Dan Bachinski 8-4-16
Lot: 3
D1: 6.01
D2: 6.00
Davg: 6.01

Sublot: 4B
L1: 12.01
L2: 11.99
Lavg: 12

Load vs. Time



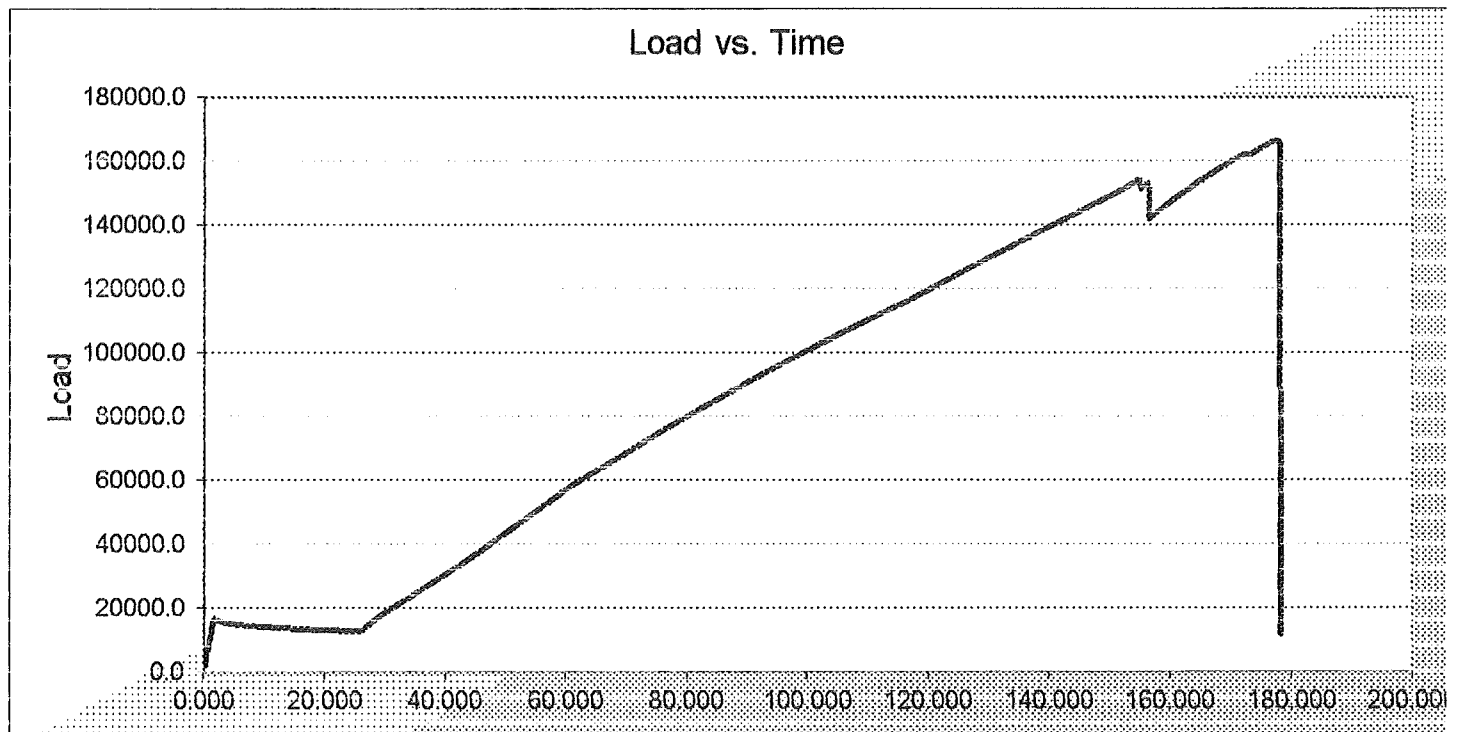


Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-3-5A.csv
Test_Id: 3-5A
Date: 9/1/16
Time: 8:56:57
Type: CCYL
Pk_Load: 166340 Lb
Pk_Stress: 5900 psi ✓
Area: 28.18 in²

Dia: 5.98999 in
Len: 11.98 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 39.60 psi/s

Project:	6723-00-71
Project Number:	16.313
Break Type:	Long Shear
Description:	B-11-156 Deck
Broke By:	Ed Olszewski 9-1-16 ✓
Cast By:	Dan Bachinski 8-4-16
Lot:	3 ✓
D1:	6.00
D2:	5.98
Davg:	5.99
Sublot:	5A ✓
L1:	11.97
L2:	11.98
Lavg:	11.98

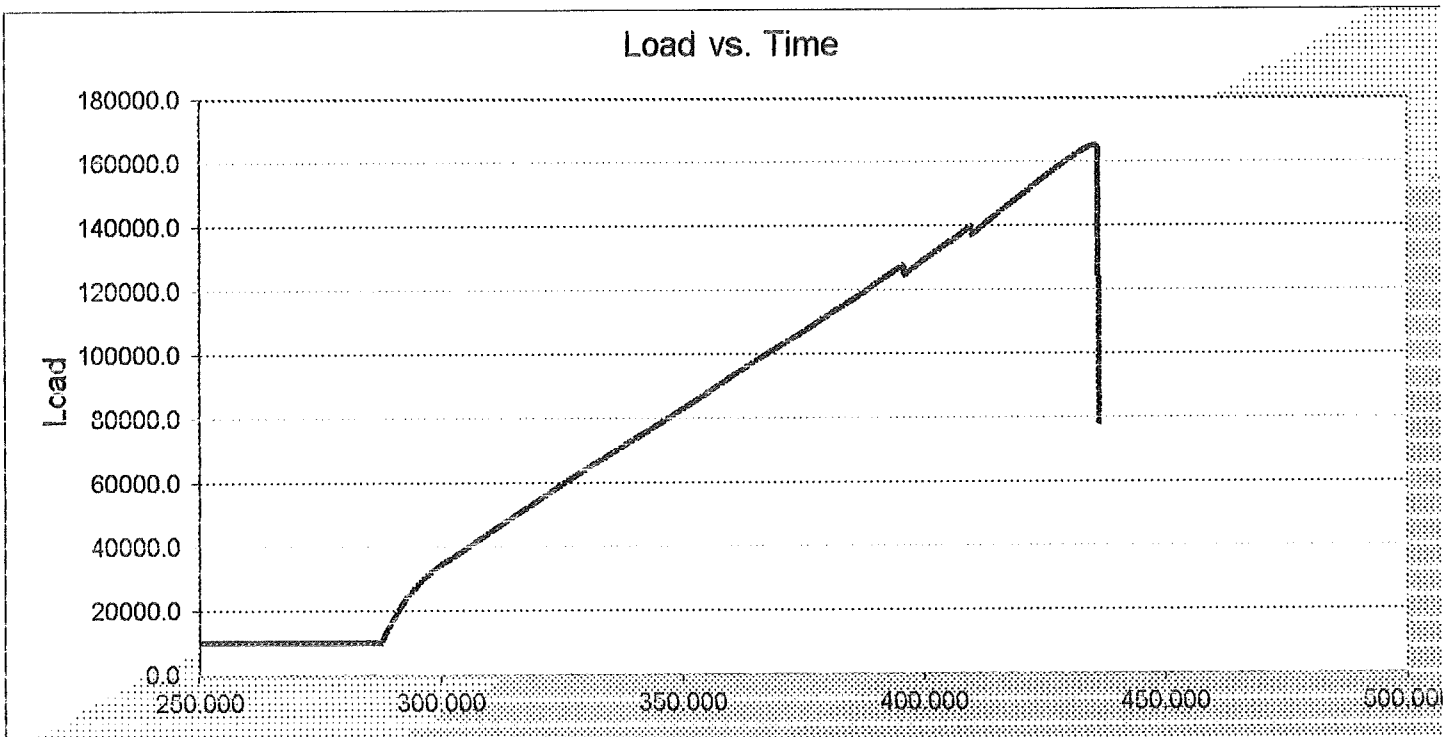




Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-3-5B.csv	Project:	6723-00-71
Test_Id:	3-5B	Project Number:	16.313
Date:	9/1/16	Break Type:	Long Shear
Time:	9:01:32	Description:	B-11-156 Deck
Type:	CCYL	Broke By:	Ed Olszewski 9-1-16
Pk_Load:	165015 Lb	Cast By:	Dan Bachinski 8-4-16
Pk_Stress:	5855 psi	Lot:	3
Area:	28.18 in ²	D1:	5.99
		D2:	5.99
		Davg:	5.99
Dia:	5.98999 in	Sublot:	5B
Len:	12 in	L1:	12.01
Corr.:	1	L2:	11.99
Wt:	28.9 Lb	Lavg:	12
Age:	28 days		
Rate:	37.60 psi/s		





Point of Beginning

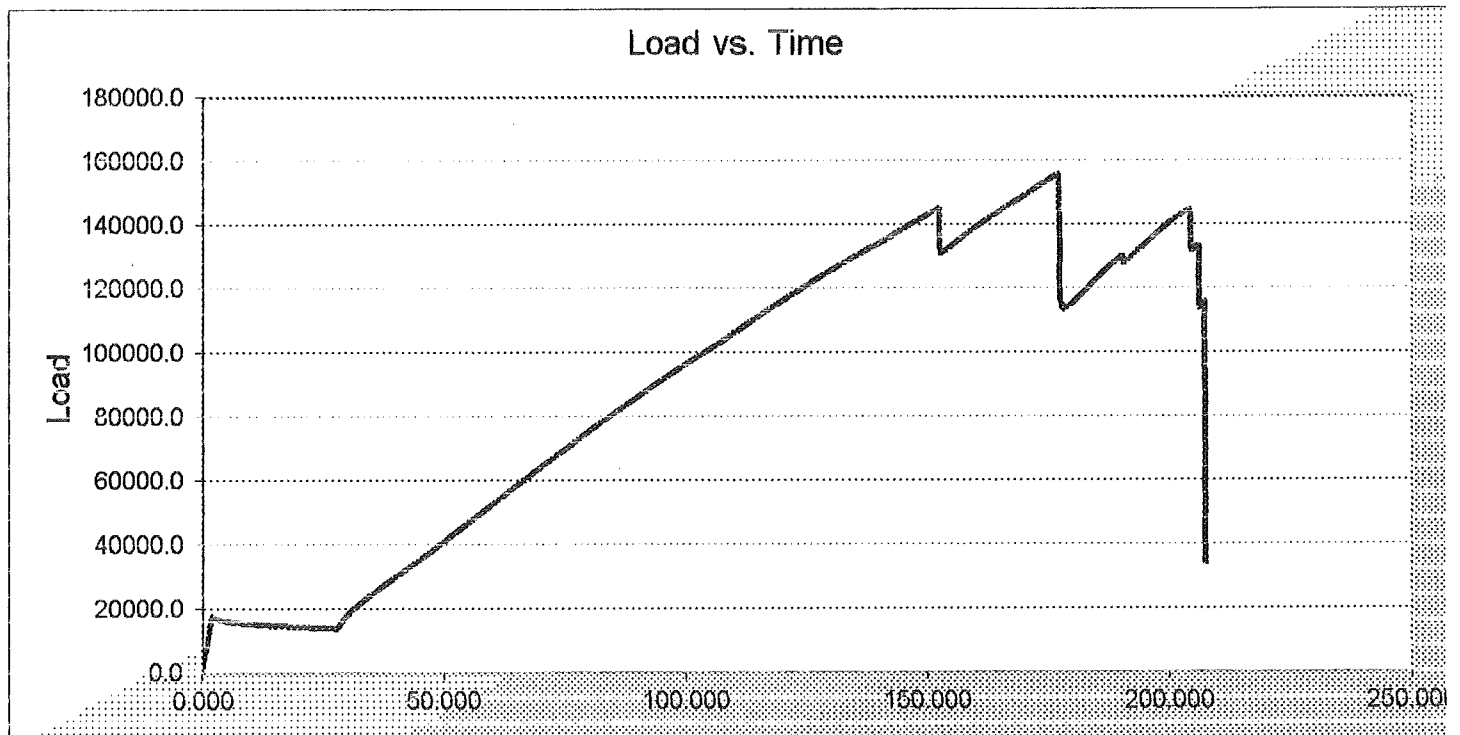
5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-3-6A.csv
Test_Id: 3-6A
Date: 9/1/16
Time: 9:10:30
Type: CCYL
Pk_Load: 155575 Lb
Pk_Stress: 5500 psi
Area: 28.274 in²

Dia: 6 in
Len: 11.99 in
Corr.: 1
Wt: 28.9 Lb
Age: 28 days
Rate: 38.10 psi/s

Project: 6723-00-71
Project Number: 16.313
Break Type: Long Shear
Description: B-11-156 Deck
Broke By: Ed Olszewski 9-1-16
Cast By: Dan Bachinski 8-4-16
Lot: 3
D1: 6.00
D2: 6.00
Davg: 6.00

Sublot: 6A
L1: 11.99
L2: 11.98
Lavg: 11.99

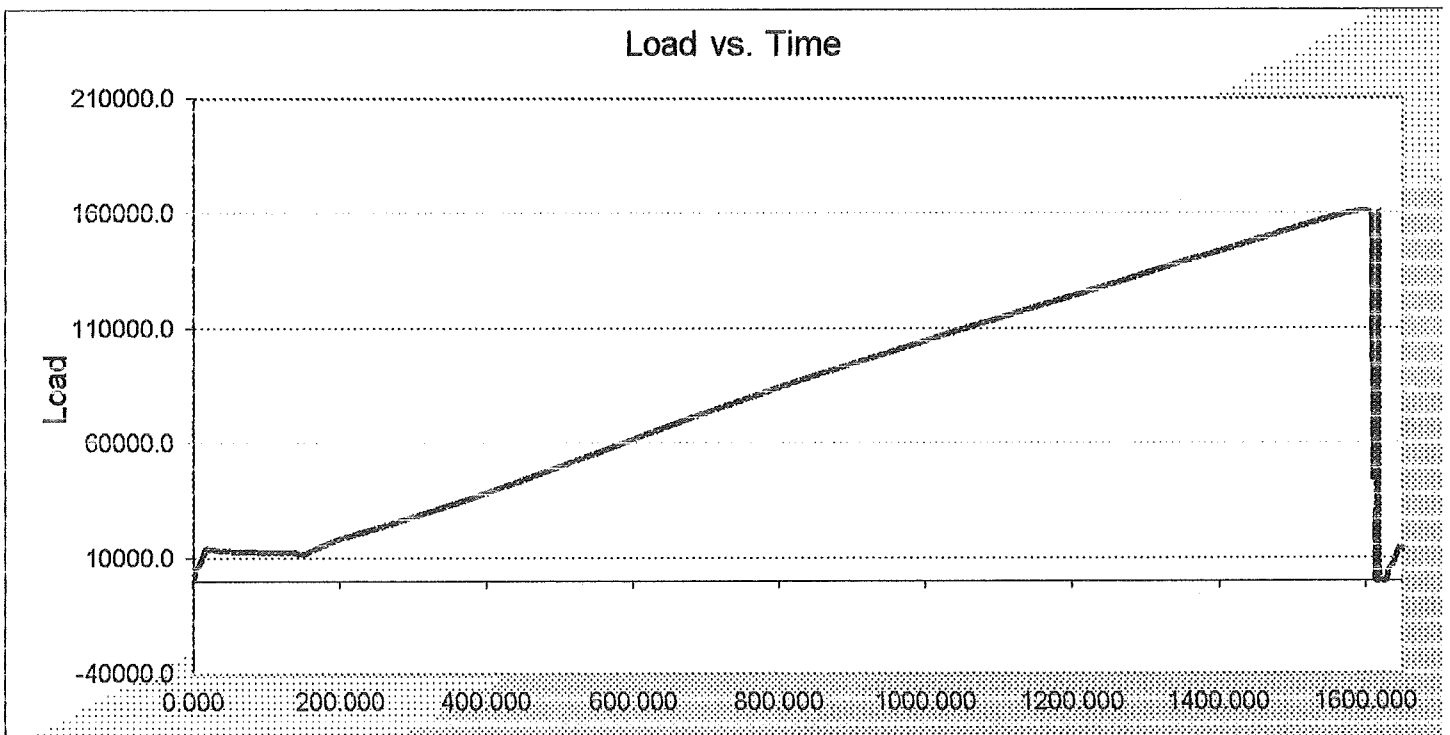




Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Filename:	16.313-3-6b.csv	Project:	6723-00-71
Test_Id:	3-6B	Project Number:	16.313
Date:	9/1/16	Break Type:	Long Shear
Time:	9:32:17	Description:	B-11-156 Deck
Type:	CCYL	Broke By:	Ed Olszewski 9-1-16
Pk_Load:	161290 Lb	Cast By:	Dan Bachinski 8-4-16
Pk_Stress:	5685 psi	Lot:	3
Area:	28.368 in2	D1:	6.01
		D2:	6.00
		Davg:	6.01
Dia:	6.01 in	Sublot:	6B
Len:	12 in	L1:	12
Corr.:	1	L2:	12
Wt:	28.9 Lb	Lavg:	12
Age:	28 days		
Rate:	38.00 psi/s		





Point of Beginning
5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-deck-opnr#1.csv

Test_Id: opener#1

Date: 8/15/16

Time: 14:10:34

Type: CCYL

PK_Load: 123460 Lb

PK_Stress: 4380 psi

Area: 28.18 in²

Dia: 5.98999 in

Len: 12.01 in

Corr.: 1

Wt: 28.9 Lb

Age: 11 days

Rate: 33.70 psi/s

Project: 6723-00-71

Project Number: 16.313

Break Type: Long Shear

Description: B-11-156 Deck

Broke By: Ed Olszewski 8-15-16

Cast By: Dan Bachinski 8-4-16

Lot: 3

D1: 5.99

D2: 5.99

Davg: 5.99

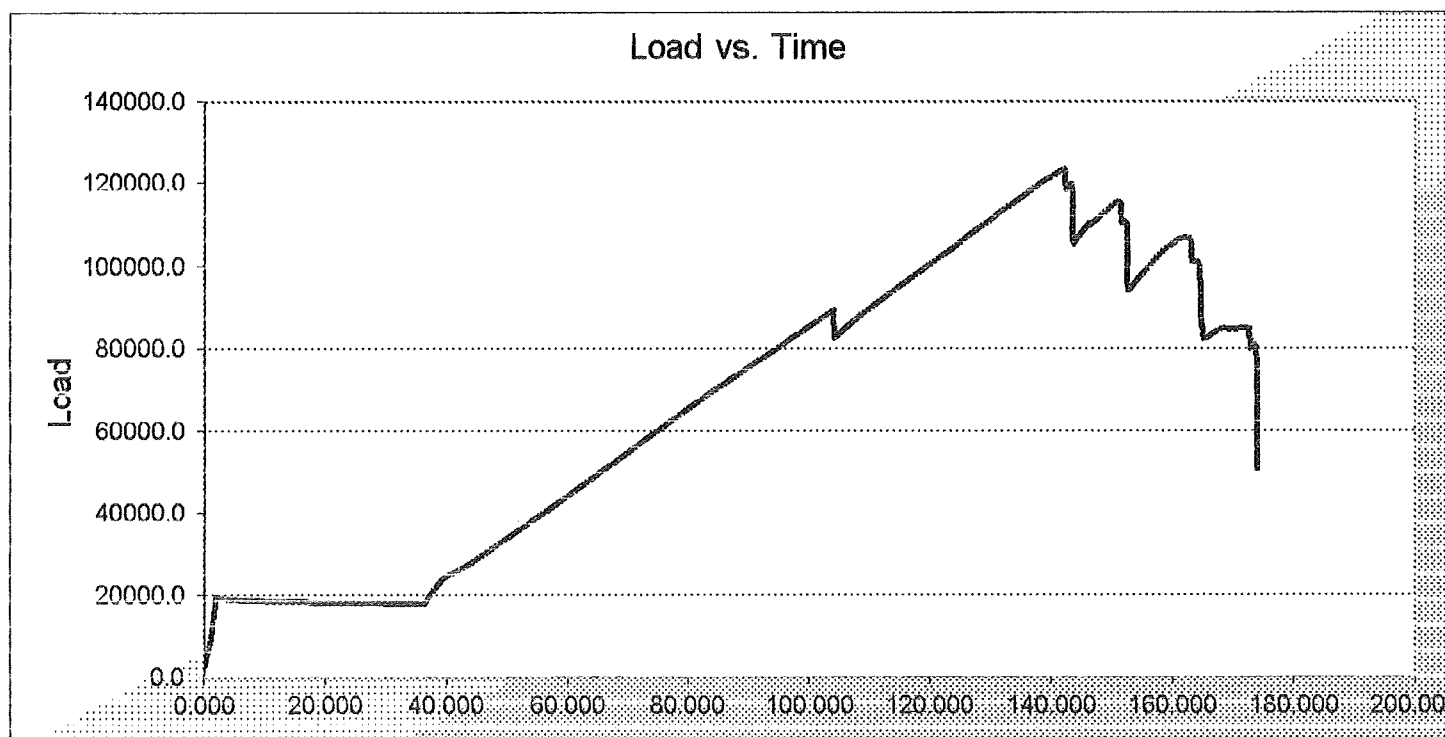
Sublot: opener

L1: 12

L2: 12.01

Lavg: 12.01

2 cylinder ~~Age~~ Average = 4,440 psi





Point of Beginning

5101 Woodward Drive
Stevens Point, WI 54481

Filename: 16.313-deck-opnr#2.csv

Test_Id: opener#2

Date: 8/15/16

Time: 14:16:51

Type: CCYL

Pk_Load: 127280 Lb

Pk_Stress: 4500 psi

Area: 28.274 in²

Dia: 6 in

Len: 12.02 in

Corr.: 1

Wt: 28.9 Lb

Age: 11 days

Rate: 36.40 psi/s

Project: 6723-00-71

Project Number: 16.313

Break Type: Long Shear

Description: B-11-156 Deck

Broke By: Ed Olszewski 8-15-16

Cast By: Dan Bachinski 8-4-16

Lot: 3

D1: 5.99

D2: 5.99

Davg: 6.01

Sublot: opener

L1: 12.02

L2: 12.01

Lavg: 12.02

Load vs. Time

