



**Factual Report of Investigation Attachment-  
NS Loram Daily Field Report RG 417- 1-28-23**

**East Palestine, OH**

**RRD23MR005**

(7 pages)

From: RG417  
 To: [REDACTED]  
 Subject: [EXTERNAL] LORAM Daily Report - RG417 on 1/28/23 (1/28 06:00 - 1/28 18:00), FORT WAYNE LINE. Rev. #: 2  
 Date: Monday, January 30, 2023 10:39:05 AM

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## LORAM Daily Field Report

Created: RG417/LMW  
 Approved By Elliott Clakeley

Status: **Approved**

### Contract Detail

Machine: RG417  
 Shift Date: 01/28/2023 Day Saturday  
 Project #: 100027771  
 Call Time: 01/28/23 06:00  
 Release Time: 01/28/23 18:00  
 Lapsed Time: 720 min  
 Consumables: No

### Customer Detail

Customer: Norfolk Southern Corporation  
 Region: SOUTHERN  
 Division: KEYSTONE  
 Subdivision: FORT WAYNE LINE  
 Tie-Up Loc.: Pittsburgh, PA  
 Line Segment: PC\_p\_KEYSTONE  
 Cust. Proj. #: -  
 Report #: 1 of 1  
 # of Trains: 5

### Daily Time Summary

Minutes	Production	Transit	Total
Operating Time	414	-	414
Travel Time	58	20	76
Travel To Clear	-	25	25
Train Delay	132	-	132
Customer Delay	15	-	15
Stone Delay	58	-	58
Machine Delay	-	-	-
Loram Delay	-	-	-
Force Majeure	-	-	-
Joint Ops Activities	-	-	-
<b>Total Time Available:</b>	<b>675</b>	<b>45</b>	<b>720</b>

### Daily Production Summary

Pass Miles (OD): 91.16 mi  
 Track Miles: 75.73 mi  
 Avg. Speed: 13.21 mph  
 # of Water Trucks: 0

### Comments

Report 1 of 1. Continue grinding PC Line next shift.

Elliott Clakeley, engineer of track

John M. Fish, Superintendent, Field Ops

**Norfolk Southern Corporation Representative**

**LORAM Representative**

Authorization of this report constitutes Customer's acceptance and approval of Loram's work for the day.

**Travel Detail**

DH = Dead Head Transit

#	Travel Type	Min.	DH	Method	From (MP, Loc.)	To (MP, Loc.)	RR / Company	Miles
1.	Travel In/Out	20	No	-	-	-	-	-
2.	Travel Time	56	No	-	-	-	-	-
3.	Travel To Clear	25	No	-	-	-	-	-
<b>Total:</b>		<b>101</b>						

**Delay Detail**

#	Delay Type	Min.	Classified	Count	#Trains	Category / Comments
1.	Customer Delay	15	On-Track	1	-	Job Briefing
2.	Stone Delay	58	On-Track	1	-	-
3.	Train Delay	132	On-Track	-	5	-
<b>Total:</b>		<b>205</b>			<b>5</b>	

**Other Detail**

	Required	Available	Comments
Lubricator	Yes	Yes	-
Water Truck	No	No	-
Rear KLD	Yes	Yes	-
TOBQ	Yes	Collected	-

**Production Detail**

#	Production	Track ID	Location	Begin MP	End MP	Calc. Miles	High Rail	Low Rail	# of Passes	Pass Miles	Track Miles
1.	Curve	1	4.96	4.99	5.29	0.30	1	1	1	0.30	0.30
2.	Out of Face	1	T5.29	5.29	5.32	0.03	1	1	1	0.03	0.03
3.	Curve	1	5.32	5.32	5.51	0.19	1	1	1	0.19	0.19
4.	Out of Face	1	T5.51	5.51	6.07	0.56	1	1	1	0.56	0.56
5.	Curve	1	6.07	6.07	6.62	0.55	1	1	1	0.55	0.55
6.	Out of Face	1	T6.62	6.62	6.67	0.05	1	1	1	0.05	0.05
7.	Curve	1	6.67	6.67	6.82	0.15	1	1	1	0.15	0.15
8.	Out of Face	1	T6.82	6.82	7.55	0.74	1	1	1	0.74	0.74
9.	Curve	1	7.55	7.55	7.72	0.17	1	1	1	0.17	0.17
10.	Out of Face	1	T7.72	7.72	8.00	0.28	1	1	1	0.28	0.28
11.	Curve	1	8.00	8.00	8.60	0.61	1	1	1	0.61	0.61
12.	Out of Face	1	T8.60	8.60	9.00	0.40	3	3	3	1.19	0.40
13.	Out of Face	1	T9.00	9.00	9.59	0.59	3	3	3	1.76	0.59
14.	Curve	1	9.59	9.59	9.83	0.24	1	1	1	0.24	0.24
15.	Out of Face	1	T9.83	9.83	10.05	0.22	3	3	3	0.67	0.22
16.	Curve	1	10.05	10.05	10.23	0.18	1	1	1	0.18	0.18
17.	Out of Face	1	T10.23	10.23	10.32	0.09	1	1	1	0.09	0.09
18.	Curve	1	10.32	10.32	10.57	0.24	1	1	1	0.24	0.24
19.	Out of Face	1	T10.57	10.57	11.09	0.52	1	1	1	0.52	0.52
20.	Curve	1	11.09	11.09	11.23	0.14	1	1	1	0.14	0.14
21.	Out of Face	1	T11.23	11.23	11.46	0.24	3	3	3	0.71	0.24
22.	Curve	1	11.46	11.46	11.60	0.14	1	1	1	0.14	0.14
23.	Out of Face	1	T11.60	11.60	11.69	0.09	1	1	1	0.09	0.09
24.	Curve	1	11.69	11.69	11.83	0.14	1	1	1	0.14	0.14
25.	Out of Face	1	T11.83	11.83	11.92	0.10	1	1	1	0.10	0.10
26.	Curve	1	11.92	11.92	11.99	0.07	1	1	1	0.07	0.07
27.	Out of Face	1	T11.99	11.99	12.32	0.35	1	1	1	0.35	0.35
28.	Curve	1	12.32	12.32	12.90	0.64	1	1	1	0.64	0.64
29.	Out of Face	1	T12.90	12.90	13.20	0.30	1	1	1	0.30	0.30
30.	Curve	1	13.20	13.20	13.28	0.08	1	1	1	0.08	0.08
31.	Out of Face	1	T13.28	13.28	13.54	0.26	1	1	1	0.26	0.26
32.	Curve	1	13.54	13.54	13.76	0.22	1	1	1	0.22	0.22
33.	Out of Face	1	T13.76	13.76	14.00	0.24	1	1	1	0.24	0.24
34.	Curve	1	14.00	14.00	14.24	0.24	1	1	1	0.24	0.24
35.	Out of Face	1	T14.24	14.24	14.49	0.25	1	1	1	0.25	0.25
36.	Curve	1	14.49	14.49	14.81	0.32	1	1	1	0.32	0.32
37.	Out of Face	1	T14.81	14.81	15.00	0.19	1	1	1	0.19	0.19
38.	Out of Face	1	T15.00	15.00	16.01	1.00	1	1	1	1.00	1.00
39.	Curve	1	16.01	16.01	17.49	1.46	1	1	1	1.46	1.46
40.	Out of Face	1	T17.49	17.49	17.64	0.15	1	1	1	0.15	0.15



41.	Curve	1	17.64	17.64	17.98	0.33	1	1	1	0.33	0.33
42.	Out of Face	1	T17.98	17.98	18.00	0.02	1	1	1	0.02	0.02
43.	Curve	1	18.00	18.00	18.38	0.38	1	1	1	0.38	0.38
44.	Out of Face	1	T18.38	18.38	18.66	0.28	1	1	1	0.28	0.28
45.	Curve	1	18.66	18.66	18.99	0.33	1	1	1	0.33	0.33
46.	Out of Face	1	T18.99	18.99	19.28	0.28	1	1	1	0.28	0.28
47.	Curve	1	19.28	19.28	19.49	0.21	1	1	1	0.21	0.21
48.	Out of Face	1	T19.49	19.49	19.78	0.29	1	1	1	0.29	0.29
49.	Curve	1	19.78	19.78	19.95	0.17	1	1	1	0.17	0.17
50.	Out of Face	1	T19.95	19.95	20.11	0.16	1	1	1	0.16	0.16
51.	Curve	1	20.11	20.11	20.28	0.17	1	1	1	0.17	0.17
52.	Out of Face	1	T20.28	20.28	20.45	0.17	1	1	1	0.17	0.17
53.	Curve	1	20.45	20.45	20.71	0.26	1	1	1	0.26	0.26
54.	Out of Face	1	T20.71	20.71	21.00	0.29	1	1	1	0.29	0.29
55.	Out of Face	1	T21.00	21.00	21.25	0.25	1	1	1	0.25	0.25
56.	Curve	1	21.25	21.25	21.85	0.61	1	1	1	0.61	0.61
57.	Out of Face	1	T21.85	21.85	22.22	0.38	1	1	1	0.38	0.38
58.	Curve	1	22.22	22.22	22.56	0.35	1	1	1	0.35	0.35
59.	Out of Face	1	T22.56	22.56	23.00	0.45	1	1	1	0.45	0.45
60.	Curve	1	23.00	23.00	23.28	0.27	1	1	1	0.27	0.27
61.	Out of Face	1	T23.28	23.28	23.34	0.08	1	1	1	0.08	0.08
62.	Curve	1	23.34	23.34	23.94	0.61	1	1	1	0.61	0.61
63.	Out of Face	1	T23.94	23.94	24.02	0.08	1	1	1	0.08	0.08
64.	Curve	1	24.02	24.02	24.18	0.14	1	1	1	0.14	0.14
65.	Out of Face	1	T24.18	24.18	24.20	0.04	1	1	1	0.04	0.04
66.	Curve	1	24.20	24.20	24.32	0.12	1	1	1	0.12	0.12
67.	Out of Face	1	T24.32	24.32	24.37	0.04	1	1	1	0.04	0.04
68.	Curve	1	24.37	24.37	25.47	1.08	1	1	1	1.08	1.08
69.	Out of Face	1	T25.47	25.47	25.53	0.06	1	1	1	0.06	0.06
70.	Curve	1	25.53	25.53	25.59	0.06	1	1	1	0.06	0.06
71.	Out of Face	1	T25.59	25.59	25.63	0.04	1	1	1	0.04	0.04
72.	Curve	1	25.63	25.63	25.84	0.21	2	3	3	0.64	0.21
73.	Out of Face	1	T25.84	25.84	25.88	0.04	1	1	1	0.04	0.04
74.	Curve	1	25.88	25.88	26.29	0.44	1	1	1	0.44	0.44
75.	Out of Face	1	T26.29	26.29	26.40	0.11	1	1	1	0.11	0.11
76.	Curve	1	26.40	26.40	26.78	0.41	1	1	1	0.41	0.41
77.	Out of Face	1	T26.78	26.78	26.98	0.22	1	1	1	0.22	0.22
78.	Curve	1	26.98	26.98	27.05	0.07	1	1	1	0.07	0.07
79.	Out of Face	1	T27.05	27.05	27.20	0.14	1	1	1	0.14	0.14
80.	Curve	1	27.20	27.20	27.37	0.16	1	1	1	0.16	0.16
81.	Out of Face	1	T27.37	27.37	27.42	0.05	1	1	1	0.05	0.05
82.	Curve	1	27.42	27.42	27.78	0.33	1	1	1	0.33	0.33
83.	Out of Face	1	T27.78	27.78	28.00	0.21	1	1	1	0.21	0.21
84.	Out of Face	1	T28.00	28.00	28.26	0.26	1	1	1	0.26	0.26
85.	Curve	1	28.26	28.26	28.55	0.29	1	1	1	0.29	0.29
86.	Out of Face	1	T28.55	28.55	28.64	0.09	1	1	1	0.09	0.09
87.	Curve	1	28.64	28.64	28.76	0.13	3	2	3	0.38	0.13
88.	Out of Face	1	T28.76	28.76	28.89	0.13	1	1	1	0.13	0.13
89.	Curve	1	28.89	28.89	29.13	0.24	3	2	3	0.71	0.24
90.	Out of Face	1	T29.13	29.13	29.19	0.05	1	1	1	0.05	0.05
91.	Curve	1	29.19	29.19	29.29	0.10	1	1	1	0.10	0.10
92.	Out of Face	1	T29.29	29.29	29.47	0.17	1	1	1	0.17	0.17
93.	Curve	1	29.47	29.47	29.63	0.16	3	1	3	0.47	0.16
94.	Out of Face	1	T29.63	29.63	29.69	0.06	1	1	1	0.06	0.06
95.	Curve	1	29.69	29.69	29.81	0.12	1	1	1	0.12	0.12
96.	Out of Face	1	T29.81	29.81	30.17	0.36	1	1	1	0.36	0.36
97.	Curve	1	30.17	30.17	30.52	0.35	3	2	3	1.04	0.35
98.	Out of Face	1	T30.52	30.52	30.70	0.18	1	1	1	0.18	0.18
99.	Curve	1	30.70	30.70	31.17	0.47	3	2	3	1.40	0.47
100.	Out of Face	1	T31.17	31.17	31.55	0.38	1	1	1	0.38	0.38
101.	Curve	1	31.55	31.55	31.92	0.36	3	1	3	1.09	0.36
102.	Out of Face	1	T31.92	31.92	32.16	0.24	1	1	1	0.24	0.24
103.	Curve	1	32.16	32.16	32.64	0.49	1	1	1	0.49	0.49
104.	Out of Face	1	T32.64	32.64	32.76	0.12	1	1	1	0.12	0.12
105.	Curve	1	32.76	32.76	33.03	0.27	2	3	3	0.82	0.27



106.	Out of Face	1	T33.03	33.03	33.08	0.05	1	1	1	0.05	0.05
107.	Curve	1	33.08	33.08	33.22	0.13	1	1	1	0.13	0.13
108.	Out of Face	1	T33.22	33.22	33.50	0.27	1	1	1	0.27	0.27
109.	Curve	1	33.50	33.50	33.79	0.27	3	3	3	0.82	0.27
110.	Out of Face	1	T33.79	33.79	34.18	0.39	1	1	1	0.39	0.39
111.	Curve	1	34.09	34.18	35.65	1.51	3	1	3	4.54	1.51
112.	Out of Face	1	T35.65	35.65	36.01	0.35	1	1	1	0.35	0.35
113.	Curve	1	36.01	36.01	36.71	0.70	1	1	1	0.70	0.70
114.	Out of Face	1	T36.71	36.71	36.74	0.03	1	1	1	0.03	0.03
115.	Curve	1	36.72	36.74	37.41	0.68	1	1	1	0.68	0.68
116.	Curve	1	37.42	37.41	37.75	0.34	1	3	3	1.02	0.34
117.	Out of Face	1	T37.75	37.75	37.78	0.02	1	1	1	0.02	0.02
118.	Curve	1	37.78	37.78	37.98	0.20	1	1	1	0.20	0.20
119.	Out of Face	1	T37.98	37.98	38.08	0.11	1	1	1	0.11	0.11
120.	Curve	1	38.08	38.08	38.35	0.27	1	1	1	0.27	0.27
121.	Out of Face	1	T38.35	38.35	38.38	0.03	1	1	1	0.03	0.03
122.	Curve	1	38.38	38.38	38.65	0.27	2	3	3	0.81	0.27
123.	Out of Face	1	T38.65	38.65	38.71	0.06	1	1	1	0.06	0.06
124.	Curve	1	38.71	38.71	39.25	0.53	1	3	3	1.60	0.53
125.	Out of Face	1	T39.25	39.25	39.31	0.06	1	1	1	0.06	0.06
126.	Curve	1	39.32	39.31	39.65	0.33	1	3	3	1.00	0.33
127.	Out of Face	1	T39.65	39.65	39.71	0.06	1	1	1	0.06	0.06
128.	Curve	1	39.72	39.71	39.92	0.21	1	1	1	0.21	0.21
129.	Out of Face	1	T39.92	39.92	40.27	0.35	1	1	1	0.35	0.35
130.	Curve	1	40.28	40.27	40.43	0.16	1	1	1	0.16	0.16
131.	Out of Face	1	T40.43	40.43	41.00	0.57	1	1	1	0.57	0.57
132.	Out of Face	1	T41.00	41.00	41.54	0.53	1	1	1	0.53	0.53
133.	Curve	1	41.52	41.54	41.77	0.24	1	1	1	0.24	0.24
134.	Out of Face	1	T41.77	41.77	41.98	0.20	1	1	1	0.20	0.20
135.	Curve	1	41.97	41.98	42.38	0.40	1	1	1	0.40	0.40
136.	Out of Face	1	T42.38	42.38	42.51	0.13	1	1	1	0.13	0.13
137.	Curve	1	42.51	42.51	42.94	0.42	1	1	1	0.42	0.42
138.	Out of Face	1	T42.94	42.94	43.49	0.55	1	1	1	0.55	0.55
139.	Curve	1	43.48	43.49	43.77	0.28	1	1	1	0.28	0.28
140.	Out of Face	1	T43.77	43.77	44.00	0.23	1	1	1	0.23	0.23
141.	Out of Face	1	T44.00	44.00	44.26	0.25	1	1	1	0.25	0.25
142.	Curve	1	44.25	44.26	44.65	0.36	1	1	1	0.36	0.36
143.	Out of Face	1	T44.64	44.65	44.87	0.21	1	1	1	0.21	0.21
144.	Curve	1	44.85	44.87	45.18	0.31	1	1	1	0.31	0.31
145.	Out of Face	1	T45.18	45.18	45.46	0.28	1	1	1	0.28	0.28
146.	Curve	1	45.46	45.46	45.66	0.19	1	1	1	0.19	0.19
147.	Out of Face	1	T45.66	45.66	45.69	0.03	1	1	1	0.03	0.03
148.	Curve	1	45.69	45.69	45.91	0.22	1	1	1	0.22	0.22
149.	Out of Face	1	T45.91	45.91	46.28	0.36	1	1	1	0.36	0.36
150.	Curve	1	46.27	46.28	46.50	0.22	1	1	1	0.22	0.22
151.	Out of Face	1	T46.50	46.50	46.70	0.21	1	1	1	0.21	0.21
152.	Curve	1	46.70	46.70	46.93	0.23	1	1	1	0.23	0.23
153.	Out of Face	1	T46.93	46.93	46.98	0.05	1	1	1	0.05	0.05
154.	Curve	1	46.97	46.98	47.20	0.21	1	1	1	0.21	0.21
155.	Out of Face	1	T47.20	47.20	47.57	0.36	1	1	1	0.36	0.36
156.	Curve	1	47.56	47.57	47.76	0.18	1	1	1	0.18	0.18
157.	Curve	1	47.76	47.76	47.99	0.22	1	1	1	0.22	0.22
158.	Out of Face	1	T47.99	47.99	48.75	0.76	1	1	1	0.76	0.76
159.	Curve	1	48.74	48.75	49.03	0.28	1	1	1	0.28	0.28
160.	Out of Face	1	T49.03	49.03	49.48	0.45	1	1	1	0.45	0.45
161.	Curve	1	49.48	49.48	49.62	0.14	1	1	1	0.14	0.14
162.	Out of Face	1	T49.62	49.62	50.10	0.48	1	1	1	0.48	0.48
163.	Curve	1	50.10	50.10	50.36	0.26	1	1	1	0.26	0.26
164.	Out of Face	1	T50.36	50.36	50.86	0.50	1	1	1	0.50	0.50
165.	Curve	1	50.86	50.86	51.23	0.37	1	1	1	0.37	0.37
166.	Out of Face	1	T51.23	51.23	51.73	0.49	1	1	1	0.49	0.49
167.	Curve	1	51.72	51.73	52.13	0.39	1	1	1	0.39	0.39
168.	Out of Face	1	T52.13	52.13	52.67	0.52	1	1	1	0.52	0.52
169.	Curve	1	52.68	52.67	53.12	0.44	1	3	3	1.31	0.44
170.	Out of Face	1	T53.12	53.12	53.66	0.54	1	1	1	0.54	0.54



171.	Curve	1	53.68	53.66	53.87	0.21	1	1	1	0.21	0.21
172.	Out of Face	1	T53.87	53.87	54.24	0.37	1	1	1	0.37	0.37
173.	Curve	1	54.24	54.24	54.50	0.24	1	1	1	0.24	0.24
174.	Out of Face	1	T54.50	54.50	54.97	0.46	1	1	1	0.46	0.46
175.	Curve	1	54.98	54.97	55.14	0.17	1	1	1	0.17	0.17
176.	Out of Face	1	T55.14	55.14	55.18	0.04	1	1	1	0.04	0.04
177.	Curve	1	55.17	55.18	55.50	0.34	1	3	3	1.01	0.34
178.	Out of Face	1	T55.50	55.50	55.66	0.16	1	1	1	0.16	0.16
179.	Curve	1	55.66	55.66	55.98	0.34	1	1	1	0.34	0.34
180.	Out of Face	1	T55.98	55.98	56.79	0.81	1	1	1	0.81	0.81
181.	Curve	1	56.79	56.79	57.19	0.39	1	1	1	0.39	0.39
182.	Out of Face	1	T57.19	57.19	57.68	0.49	1	1	1	0.49	0.49
183.	Curve	1	57.68	57.68	57.79	0.11	1	1	1	0.11	0.11
184.	Out of Face	1	T57.79	57.79	57.82	0.03	1	1	1	0.03	0.03
185.	Curve	1	57.82	57.82	57.92	0.10	1	1	1	0.10	0.10
186.	Out of Face	1	T57.92	57.92	58.26	0.35	1	1	1	0.35	0.35
187.	Curve	1	58.26	58.26	58.79	0.53	1	1	1	0.53	0.53
188.	Out of Face	1	T58.79	58.79	59.00	0.22	1	1	1	0.22	0.22
189.	Out of Face	1	T59.00	59.00	59.44	0.44	1	1	1	0.44	0.44
190.	Curve	1	59.44	59.44	59.72	0.27	1	1	1	0.27	0.27
191.	Out of Face	1	T59.72	59.72	59.82	0.10	1	1	1	0.10	0.10
192.	Curve	1	59.82	59.82	60.06	0.23	1	1	1	0.23	0.23
193.	Out of Face	1	T60.06	60.06	60.21	0.15	1	1	1	0.15	0.15
194.	Curve	1	60.20	60.21	60.60	0.39	1	1	1	0.39	0.39
195.	Out of Face	1	T60.60	60.60	61.00	0.39	1	1	1	0.39	0.39
196.	Out of Face	1	T61.00	61.00	61.52	0.52	1	1	1	0.52	0.52
197.	Curve	1	61.52	61.52	62.06	0.53	1	1	1	0.53	0.53
198.	Out of Face	1	T62.06	62.06	62.41	0.36	1	1	1	0.36	0.36
199.	Curve	1	62.41	62.41	62.71	0.30	1	1	1	0.30	0.30
200.	Out of Face	1	T62.71	62.71	62.73	0.03	1	1	1	0.03	0.03
201.	Curve	1	62.73	62.73	63.36	0.63	1	1	1	0.63	0.63
202.	Out of Face	1	T63.36	63.36	63.39	0.03	1	1	1	0.03	0.03
203.	Curve	1	63.39	63.39	63.44	0.05	1	1	1	0.05	0.05
204.	Out of Face	1	T63.44	63.44	64.16	0.72	1	1	1	0.72	0.72
205.	Curve	1	64.16	64.16	64.35	0.19	1	1	1	0.19	0.19
206.	Out of Face	1	T64.35	64.35	65.06	0.71	1	1	1	0.71	0.71
207.	Curve	1	65.06	65.06	65.36	0.28	1	1	1	0.28	0.28
208.	Out of Face	1	T65.35	65.36	65.44	0.08	1	1	1	0.08	0.08
209.	Curve	1	65.44	65.44	65.80	0.35	1	1	1	0.35	0.35
210.	Out of Face	1	T65.80	65.80	66.00	0.19	1	1	1	0.19	0.19
211.	Out of Face	1	T66.00	66.00	66.30	0.30	1	1	1	0.30	0.30
212.	Curve	1	66.31	66.30	66.61	0.30	1	1	1	0.30	0.30
213.	Out of Face	1	T66.61	66.61	66.80	0.19	1	1	1	0.19	0.19
214.	Curve	1	66.80	66.80	67.26	0.45	1	1	1	0.45	0.45
215.	Out of Face	1	T67.26	67.26	67.46	0.19	1	1	1	0.19	0.19
216.	Curve	1	67.46	67.46	67.74	0.27	1	1	1	0.27	0.27
217.	Out of Face	1	T67.74	67.74	68.00	0.24	1	1	1	0.24	0.24
218.	Out of Face	1	T68.00	68.00	68.20	0.21	1	1	1	0.21	0.21
219.	Curve	1	68.19	68.20	68.45	0.26	1	1	1	0.26	0.26
220.	Out of Face	1	T68.45	68.45	68.54	0.10	1	1	1	0.10	0.10
221.	Curve	1	68.54	68.54	68.81	0.28	1	3	3	0.83	0.28
222.	Out of Face	1	T68.81	68.81	69.00	0.20	1	1	1	0.20	0.20
223.	Out of Face	1	T69.00	69.00	69.20	0.20	1	1	1	0.20	0.20
224.	Curve	1	69.20	69.20	69.50	0.30	1	1	1	0.30	0.30
225.	Out of Face	1	T69.50	69.50	70.00	0.50	1	1	1	0.50	0.50
226.	Out of Face	1	T70.00	70.00	70.23	0.23	1	1	1	0.23	0.23
227.	Curve	1	70.23	70.23	70.78	0.55	1	1	1	0.55	0.55
228.	Out of Face	1	T70.78	70.78	71.00	0.23	1	1	1	0.23	0.23
229.	Out of Face	1	T71.00	71.00	71.63	0.64	1	1	1	0.64	0.64
230.	Curve	1	71.63	71.63	71.87	0.24	1	1	1	0.24	0.24
231.	Out of Face	1	T71.87	71.87	72.22	0.35	1	1	1	0.35	0.35
232.	Curve	1	72.22	72.22	72.58	0.33	3	3	3	0.99	0.33
233.	Out of Face	1	T72.56	72.56	72.87	0.30	1	1	1	0.30	0.30
234.	Curve	1	72.87	72.87	73.15	0.28	1	1	1	0.28	0.28
235.	Out of Face	1	T73.15	73.15	73.98	0.82	1	1	1	0.82	0.82

236	Curve	1	73.98	73.98	74.35	0.37	1	1	1	0.37	0.37	
237	Out of Face	1	T74.35	74.35	74.50	0.15	1	1	1	0.15	0.15	
238	Curve	1	74.50	74.50	74.88	0.38	1	1	1	0.38	0.38	
239	Out of Face	1	T74.88	74.88	75.33	0.42	1	1	1	0.42	0.42	
240	Curve	1	75.33	75.33	76.09	0.71	1	1	1	0.71	0.71	
241	Out of Face	1	T76.09	76.09	77.00	0.88	1	1	1	0.88	0.88	
242	Out of Face	1	T77.00	77.00	78.02	1.03	1	1	1	1.03	1.03	
243	Curve	1	78.02	78.02	78.23	0.21	1	1	1	0.21	0.21	
244	Out of Face	1	T78.23	78.23	78.46	0.23	1	1	1	0.23	0.23	
245	Curve	1	78.46	78.46	78.65	0.19	1	1	1	0.19	0.19	
246	Out of Face	1	T78.65	78.65	79.00	0.35	1	1	1	0.35	0.35	
247	Out of Face	1	T79.00	79.00	79.44	0.44	1	1	1	0.44	0.44	
248	Curve	1	79.44	79.44	79.57	0.14	1	1	1	0.14	0.14	
249	Out of Face	1	T79.57	79.57	79.90	0.33	1	1	1	0.33	0.33	
250	Curve	1	79.90	79.90	80.27	0.37	1	3	3	1.10	0.37	
251	Out of Face	1	T80.27	80.27	80.94	0.67	1	1	1	0.67	0.67	
<b>Total:</b>										<b>75.73</b>	<b>92.99</b>	<b>75.73</b>

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