

COVER SHEET

SOUTHERN RAILWAY

TRACK PROFILES

APPALACHIA DIVISION

1984

THIS DOCUMENT PROVIDED BY ALLEN STANLEY,
RAILROAD DATA EXCHANGE

THIS PAGE BY: DONNIE DIXON

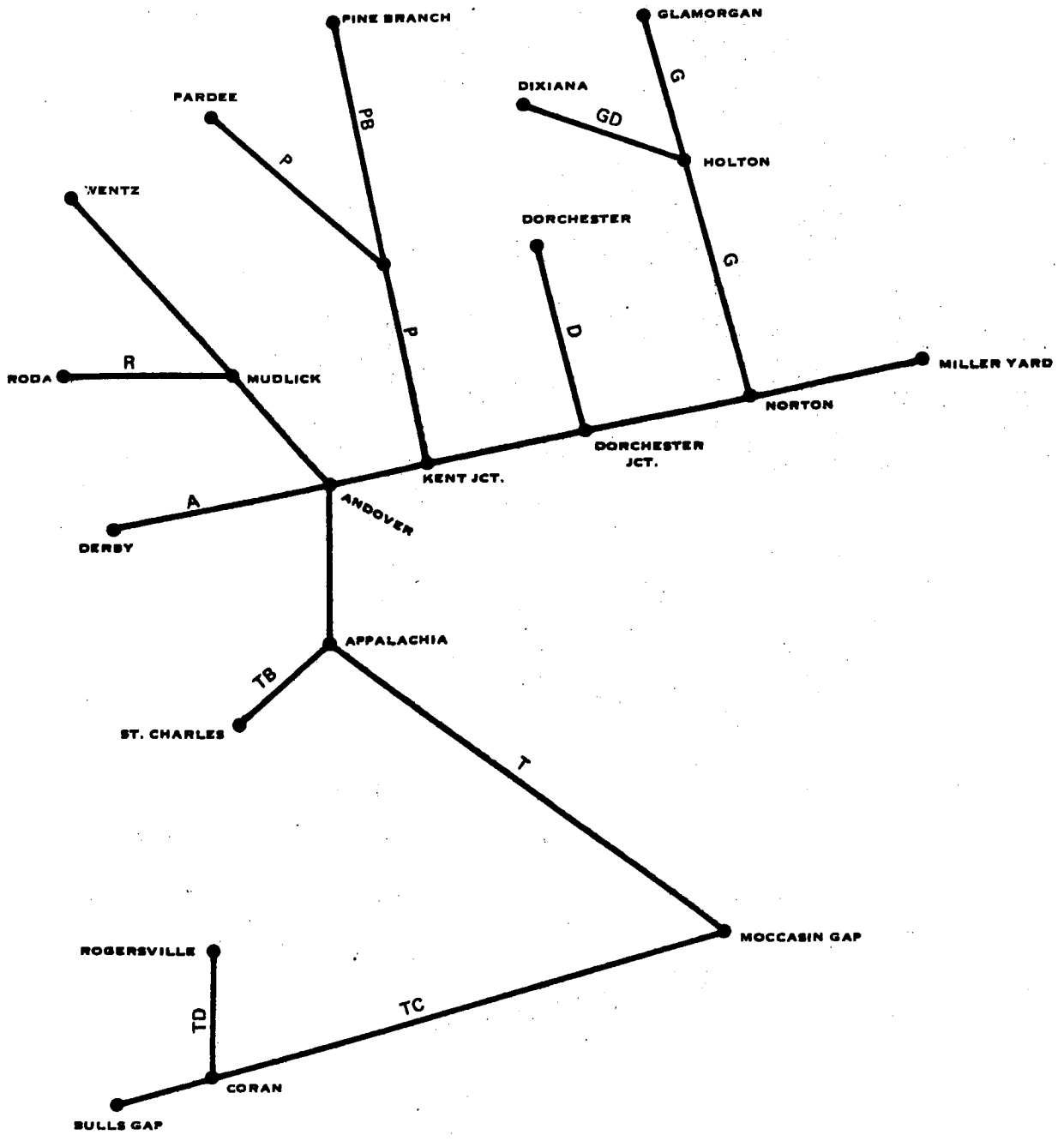




LOOK AHEAD-LOOK SOUTH

APPALACHIA DIVISION

APPALACHIA	- MOCCASIN GAP	0.00T	-	40.00T
MOCCASIN GAP	- BULLS GAP	40.00TC	-	87.18TC
APPALACHIA	- ST. CHARLES	0.00TB	-	22.31TB
CORAN	- ROGERSVILLE	0.60TD	-	5.06TD
WENTZ	- MILLER YARD	0.00	-	34.30
NORTON	- GLAMORGAN	G 0.00	- G	5.78
MUDLICK	- RODA	R 0.00	- R	3.28
ANDOVER	- DERBY	A 0.00	- A	3.03
HOLTON	- DIXIANA	GD 0.00	- GD	7.35
KENT JCT.	- PARDEE	P 0.00	- P	8.26
ROARING FORK	- PINE BRANCH	PB 0.00	- PB	2.98
DORCHESTER JCT.	- DORCHESTER	D 0.00	- D	2.60



APPALACHIA DIVISION

(NOT TO SCALE)




MICROWAVE TOWER 

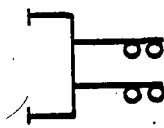
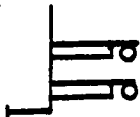
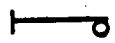
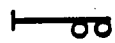
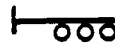
YARD TRACK 

SPRING SWITCH 

RAILROAD CROSSING 

PRIVATE CROSSING 

PUBLIC CROSSING
WITH CROSSBUCKS ONLY 
WITH LIGHT 
WITH GATE 


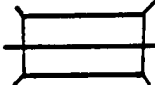
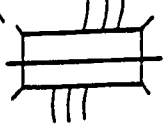
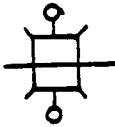
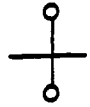
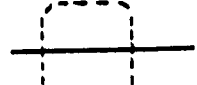
SIGNALS
BRIDGE 
CANTILEVER 
ABSOLUTE HIGH 1 HEAD 
ABSOLUTE HIGH 2 HEADS 
ABSOLUTE HIGH 3 HEADS 




DRAGGING EQUIPMENT DETECTOR 

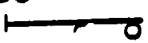





HOT WHEEL DETECTOR 


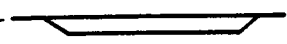
CLEARANCE DETECTOR 

WHEEL FLANGE LUBRICATOR 

RAILROAD BRIDGE 
DRAWBRIDGE 
RIVER 
UNDERPASS 
OVERHEAD BRIDGE 
TUNNEL 

HOT BOX DETECTOR
INCREASING MP 
DECREASING MP 
BI-DIRECTIONAL 

ABSOLUTE HIGH 2 HEADS WIDE SPACING 
ABSOLUTE DWARF 1 HEAD 
ABSOLUTE DWARF 2 HEADS 
PERMISSIVE DWARF 1 HEAD 
PERMISSIVE HIGH 1 HEAD 
PERMISSIVE HIGH 2 HEADS STAGGERED 

TURNOUTS
EQUILATERAL 
45° 

BUILDING 

TRACK PROFILE AND RAIL DATA NOTES

1. Track scale = 1.5 inches per mile (5280 feet)
2. Timbering and surfacing, surfacing, and rail laid dates are shown as 4 characters. If the month is unknown, the year will be shown as 2 characters. There will be no date shown for surfacing if the timbering and surfacing date supersedes the surfacing only date.
3. Rail weights and types are shown at least once per page at the end of the track having that weight or type.

4. Rail type codes:

<u>Code</u>	<u>Type</u>
W	Relay Welded
NW	New Welded
WF	Relay Welded, Field Welded
NWF	New Welded, Field Welded
RW	Released Welded
RWF	Released Welded, Field Welded
C	Cropped, Jointed
N	New Jointed
R	Uncropped Relay Rail
U	Unknown

5. Steel type codes:

<u>Code</u>	<u>Type</u>
AC	Air Cooled
CC	Control Cooled
CM	Curve Master
CR	1% Chrome
CV	Chrome Vanadium
HH	Head Hardened
HT	Heat Treated
U	Unknown
BR	High Brinell

6. Dynamic braking:

DBSW = Dynamic Braking - South or West Direction
DBNE = Dynamic Braking - North or East Direction
Both = Dynamic Braking - Both Directions
Blank = No Dynamic Braking

7. Annual Traffic Density, MGT = millions of gross tons. Density shown is for 12 months prior to profile date.

9. Percent grade is shown only when the grade is greater than 0.06% and the length of track is more than 0.2 miles.

NWD/4-27-84
Ref: 3722e

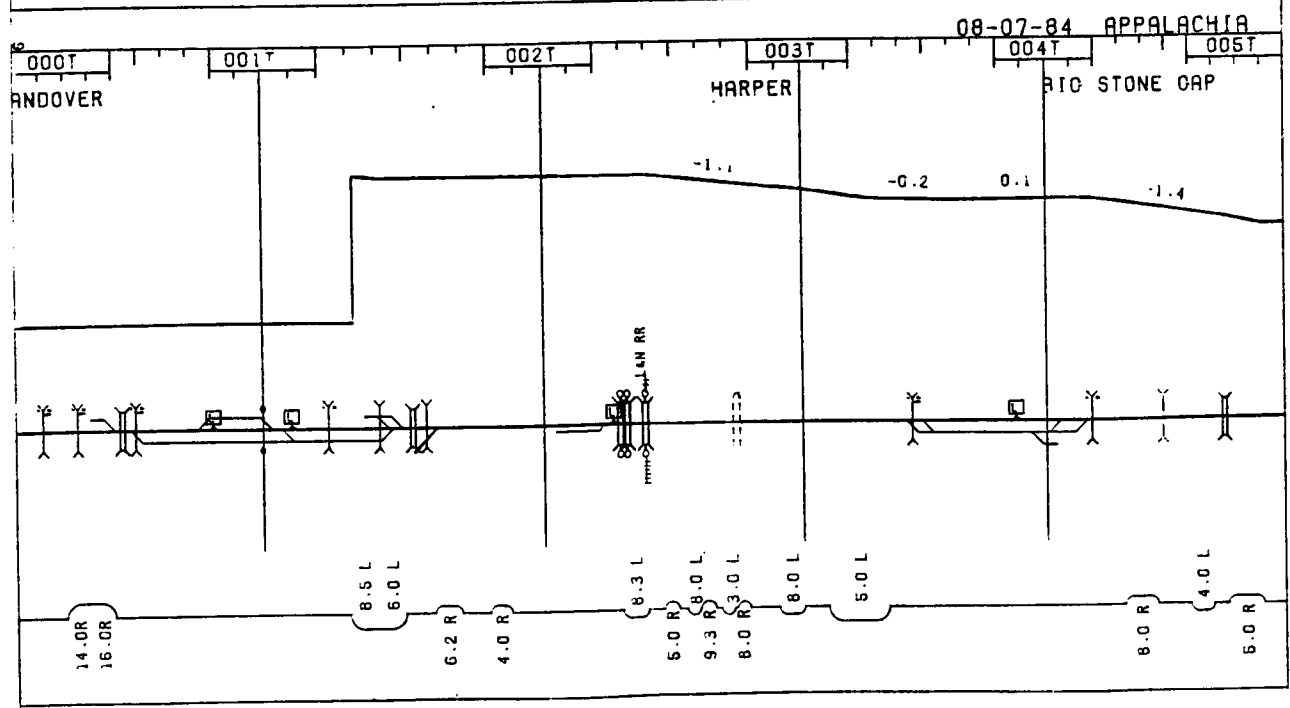
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Moccasin Gap - Bulls Gap	40.00TC - 87.18TC	9
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Coran-Rogersville	0.60TD - 5.06TD	24
<u>INTERSTATE</u>		
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Mudlick - Roda	R0.00 - R3.28	35
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	TRACK 1		
T&S	0783	1079	1179
SURF			0883
LAI	74		79
RAIL	WF		NWF
RL WT			132
STEEL	CC		CM
DY BR		OBSW	OBSW
MGT	19.684		19.110

T&S	
SURF	
LAI	
RAIL	
RL WT	
STEEL	
DY BR	
MGT	



TRACK 1

1179

0983

79

NWF

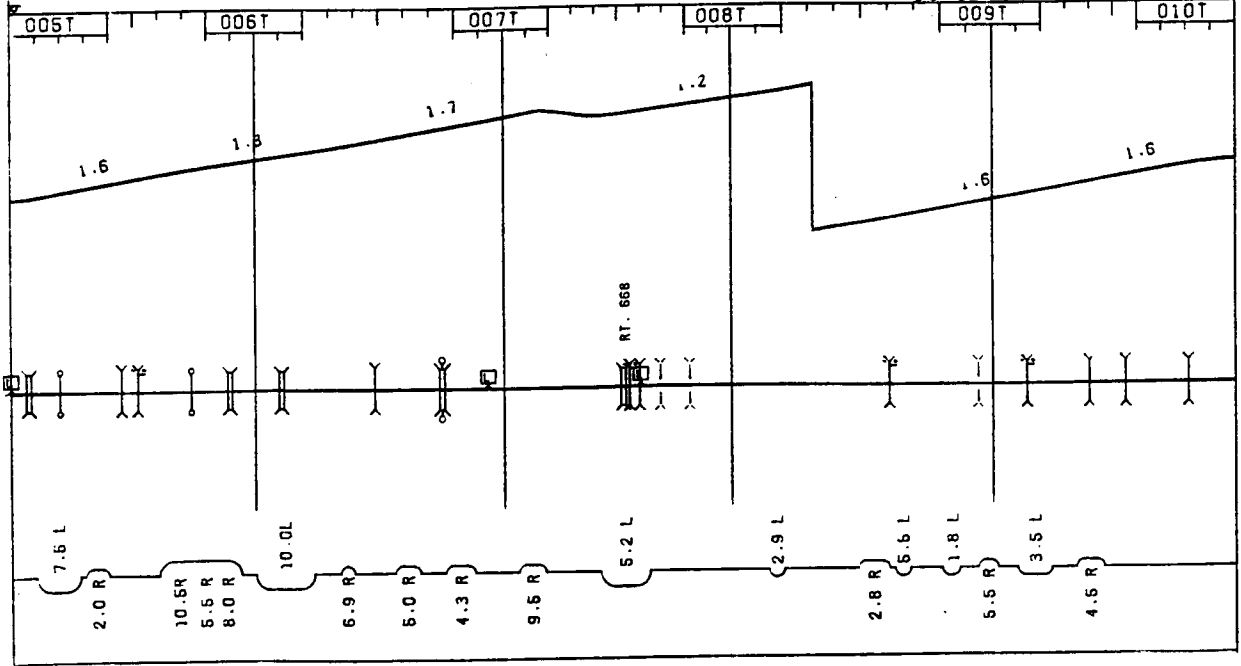
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CM

DBSW

19.110

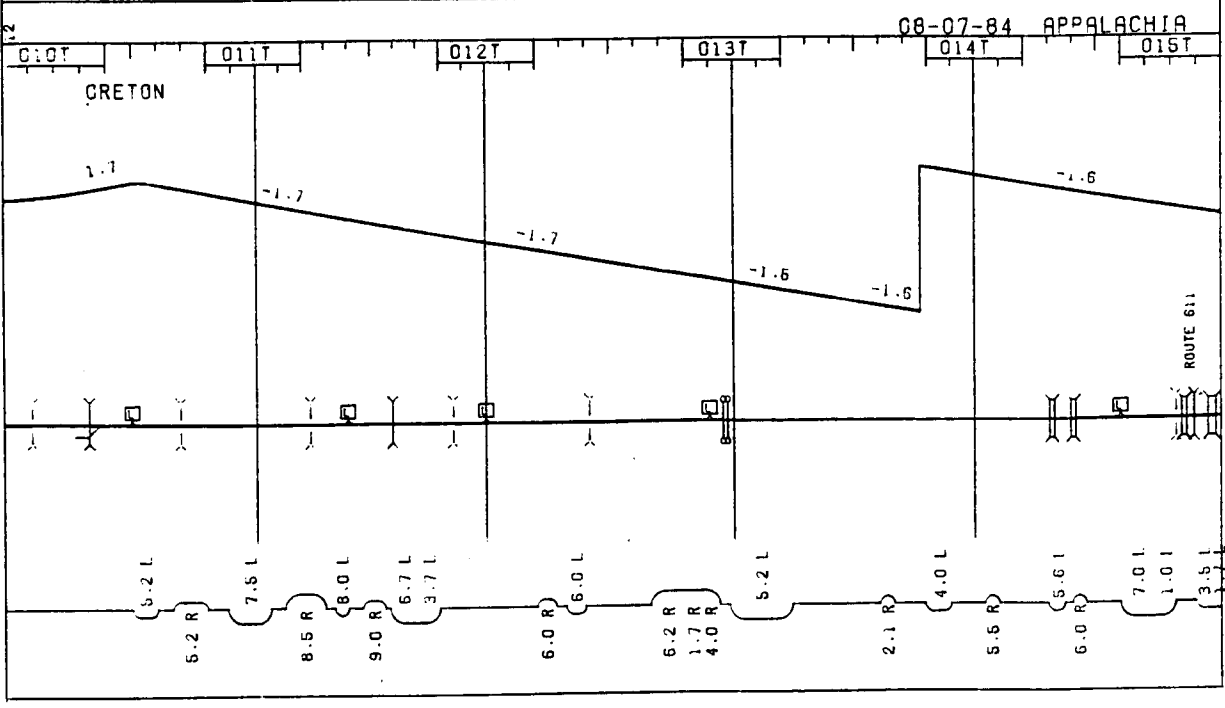
08-07-84 APPALACHIA



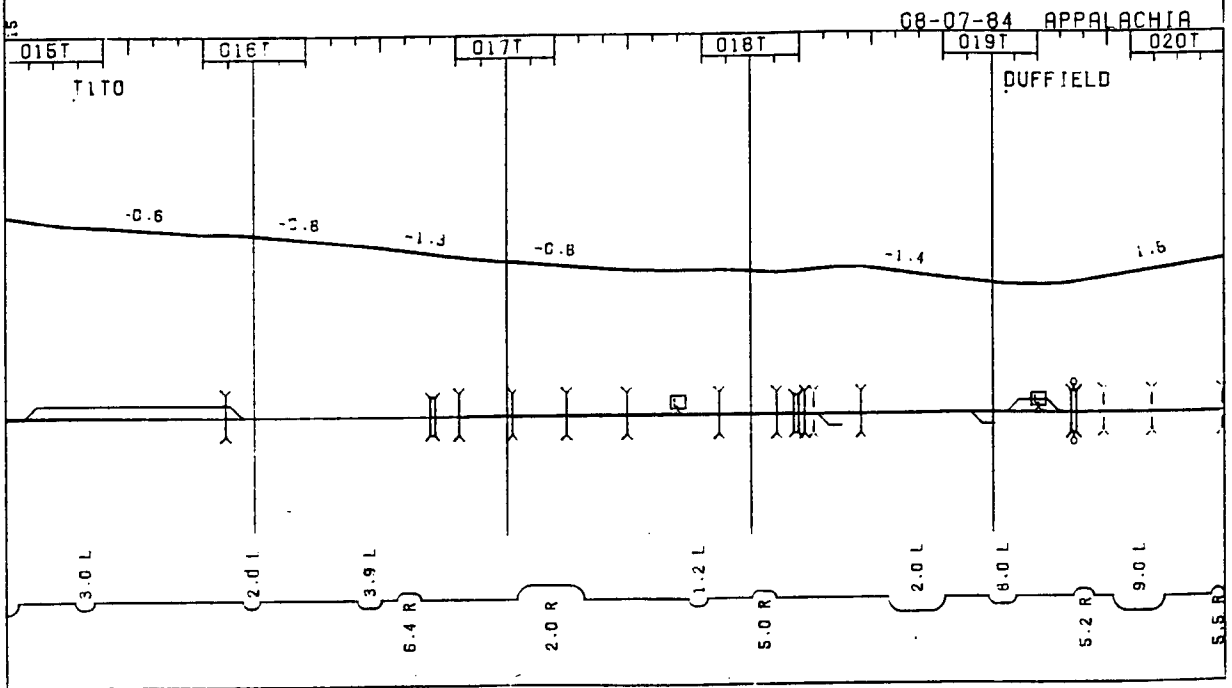
T&S
 SURF
 LAID
 RAIL
 RL WT
 STEEL
 DY BR
 MGT

TRACK 1

1179
 0983
 79
 NWF
 132
 CM
 DBSW
 19.110

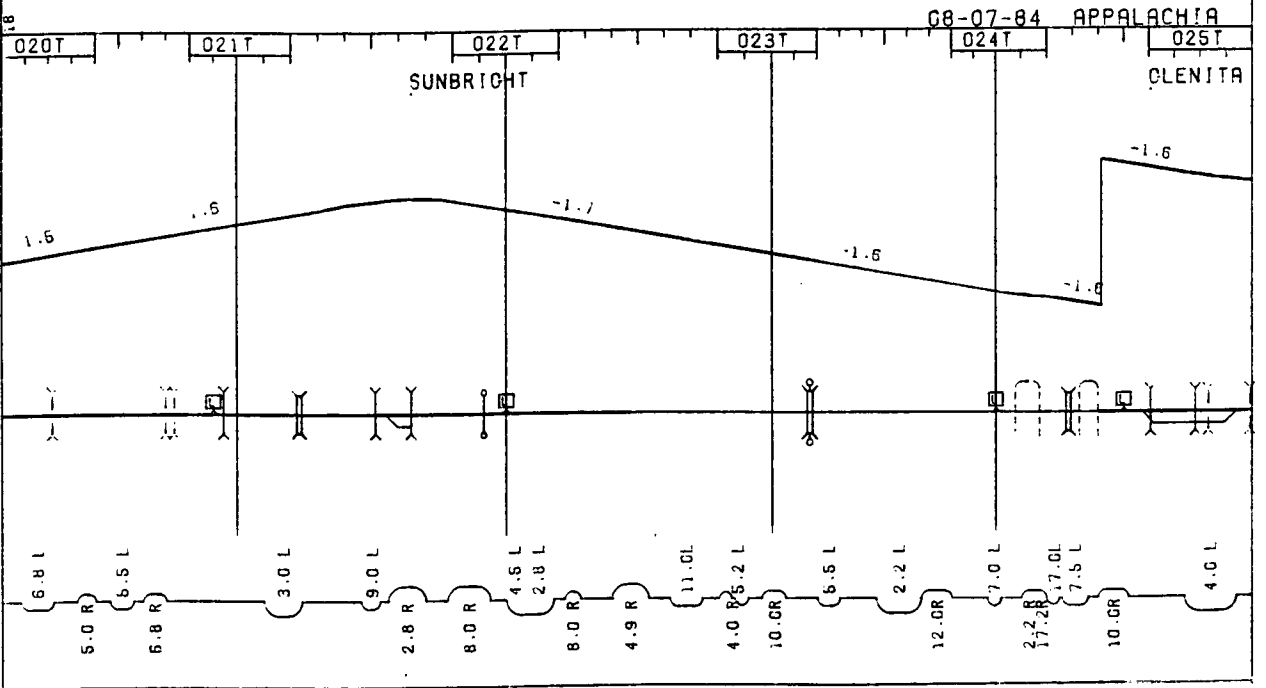


TRACK 1	
1179	1279
0983	
79	
NWF	
132	
CM	
DBSW	
19.110	19.131



T&S
SURF
LAID
RAIL
RL WT
STEEL
DY BR
MGT

TRACK 1	
1279	1180
0983	
79	80
NWF	
132	
CM	
DBSW	DBSW
19.131	19.133



TRACK 1

1180

0983

1083

80

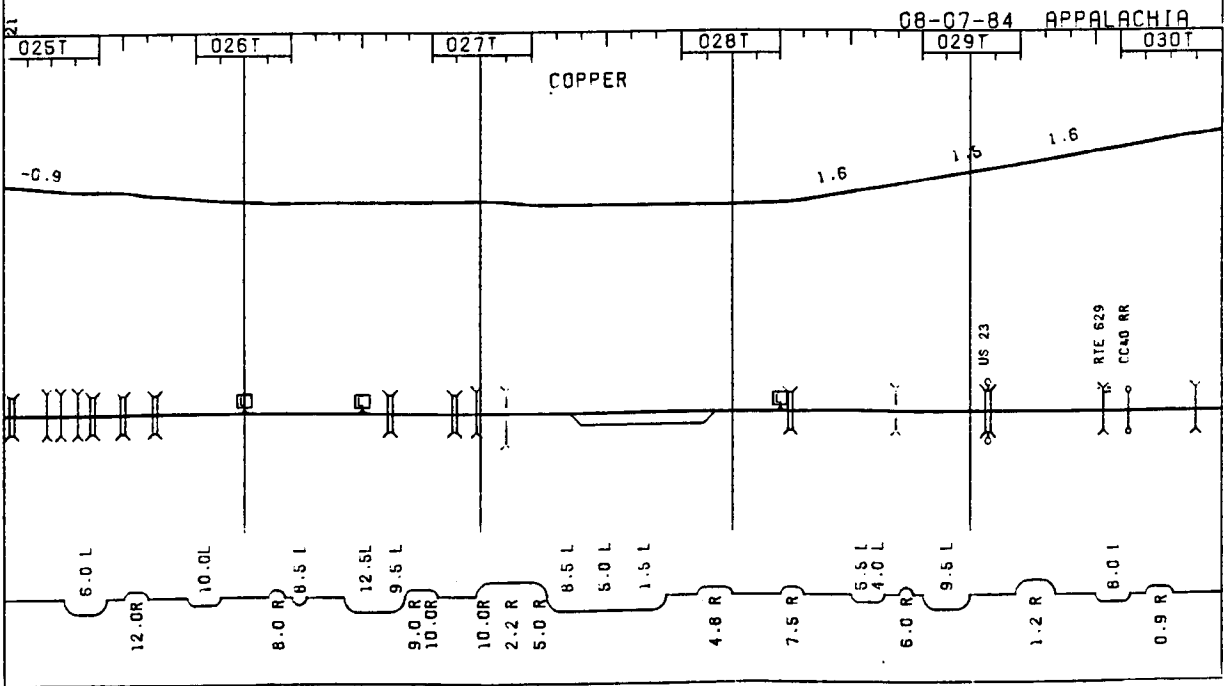
NWF

132

CM

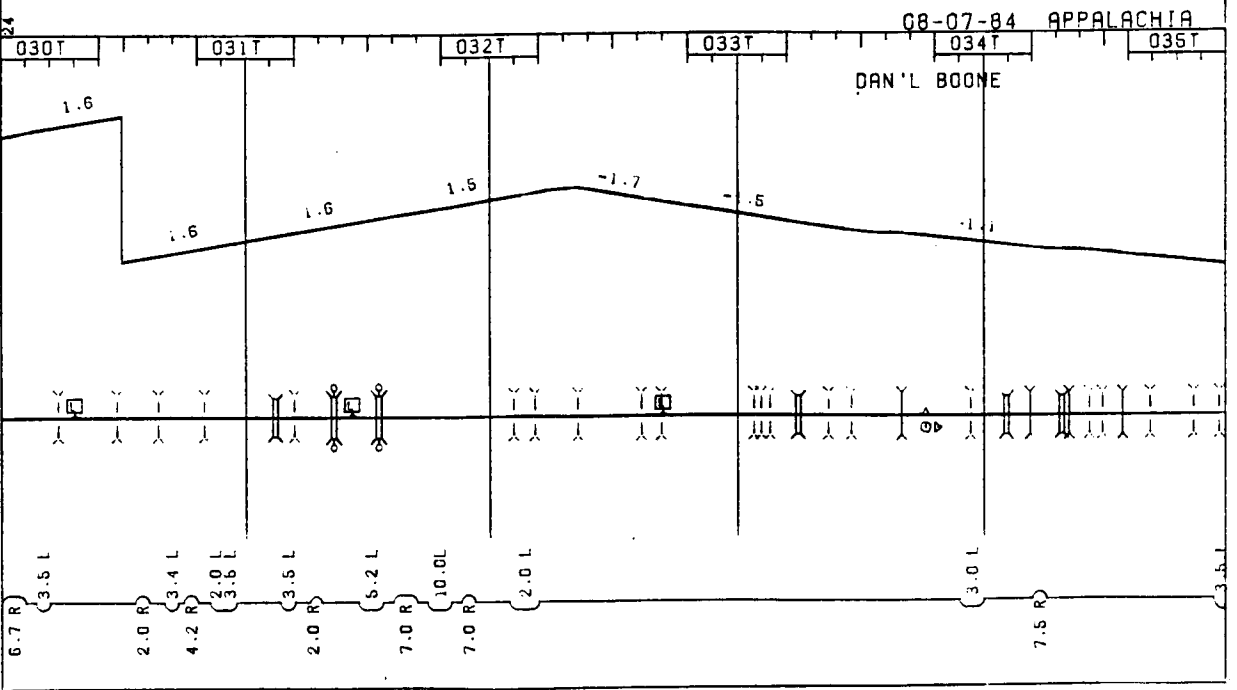
DBSW

19.133

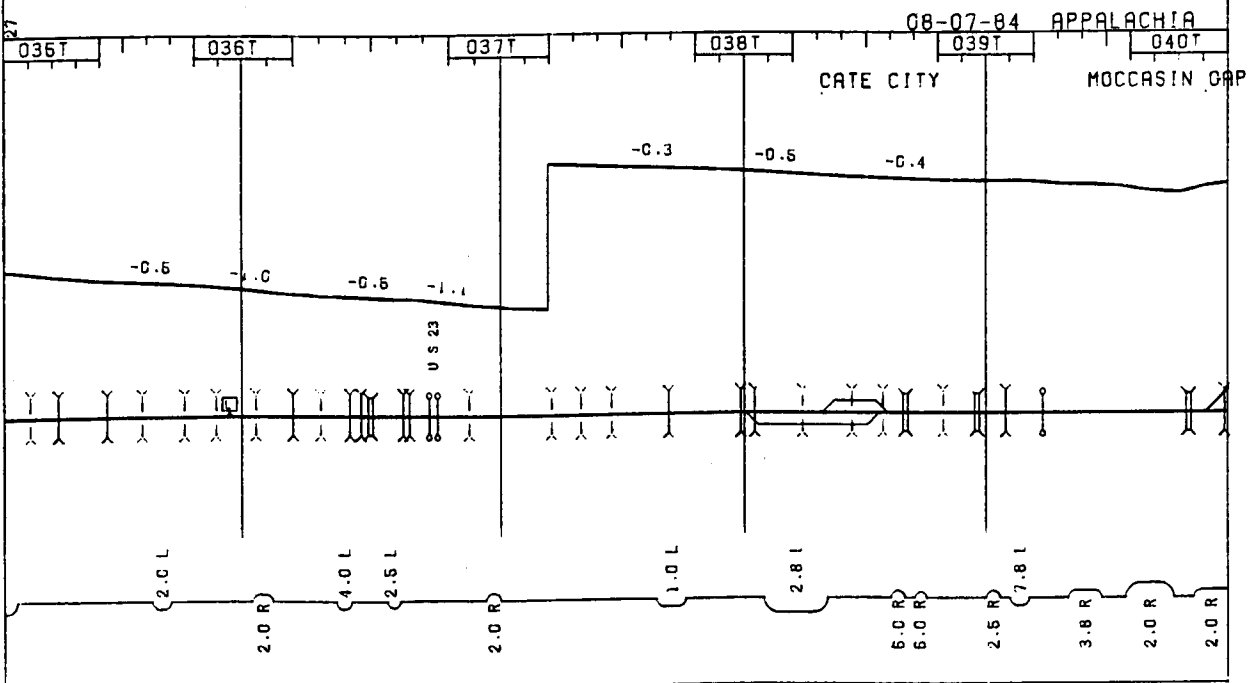


T&S
 SURF
 LAID
 RAIL
 RL WT
 STEEL
 DY BR
 MGT

TRACK 1	
1180	1280
	1083
	80
	NWF
	132
	CM
DBSW	DBSW
	19.133

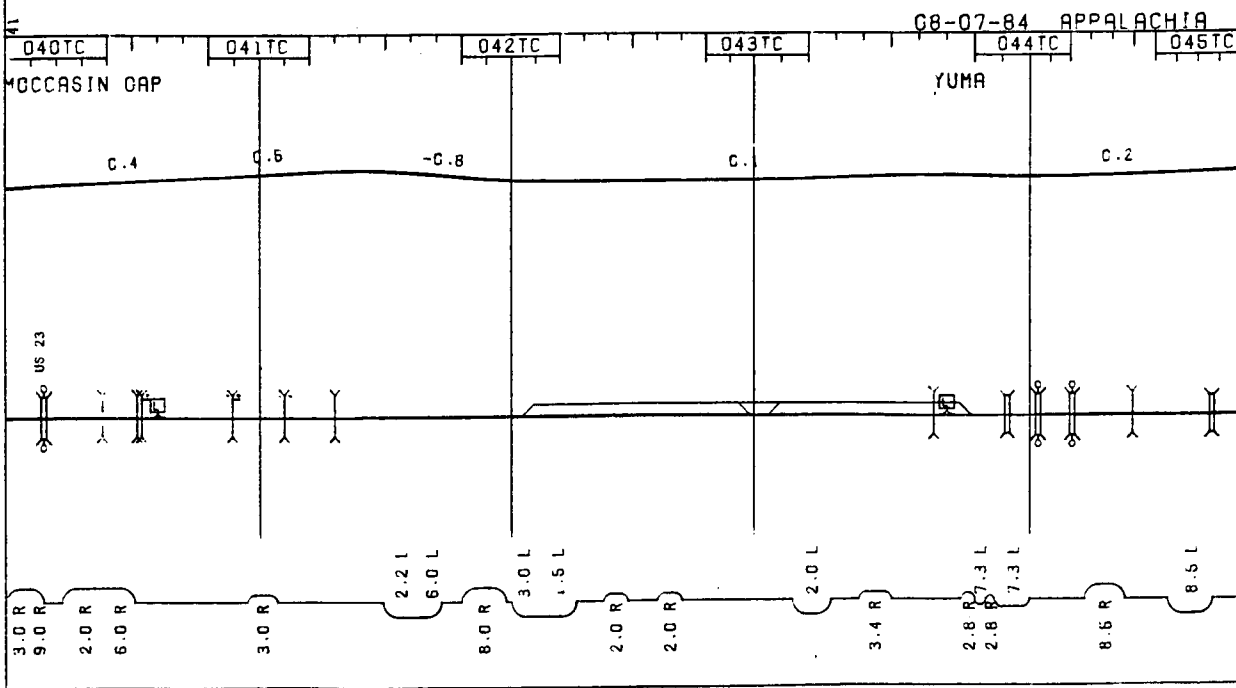


TRACK 1			
1280		0982	
1083			
80		61	
NWF		W	
132			
CM	CC	CM	CC
DBSW			
19.133		19.137	



TRACK 1

T&S	0982
SURF	
LAI D	61
RAIL	W
RL WT	132
STEEL	CC
DY BR	
MGT	19.137 18.972



TRACK 1

0982

61

W

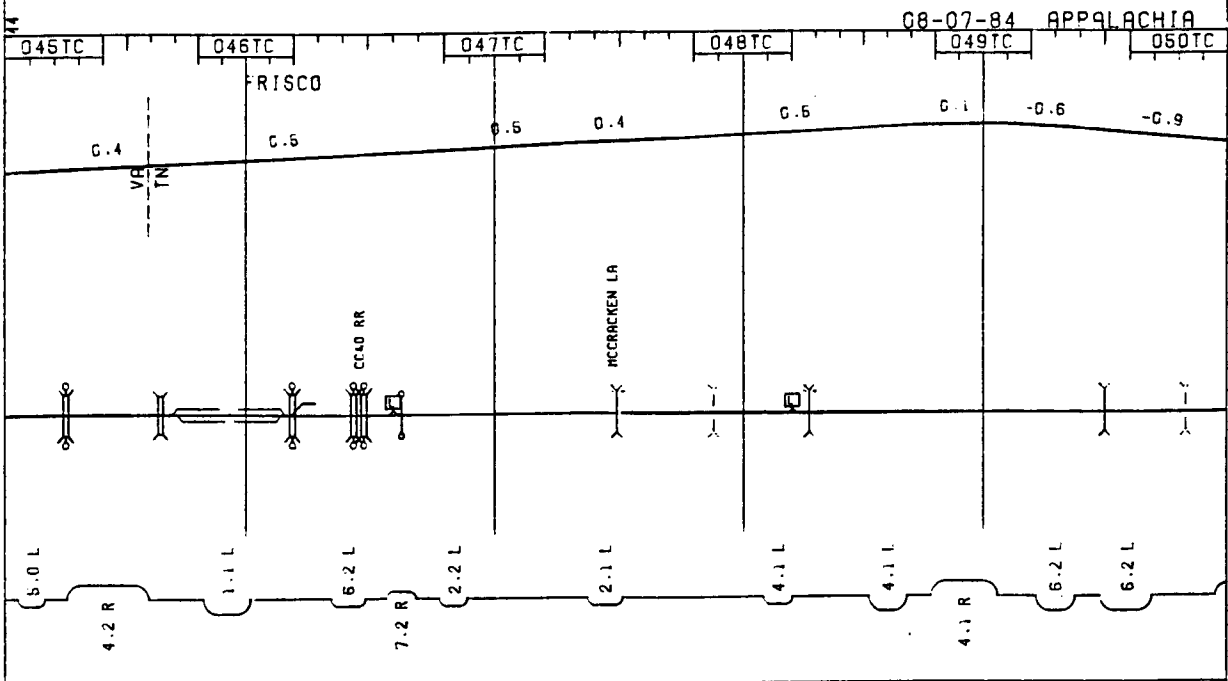
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CC

DBSW

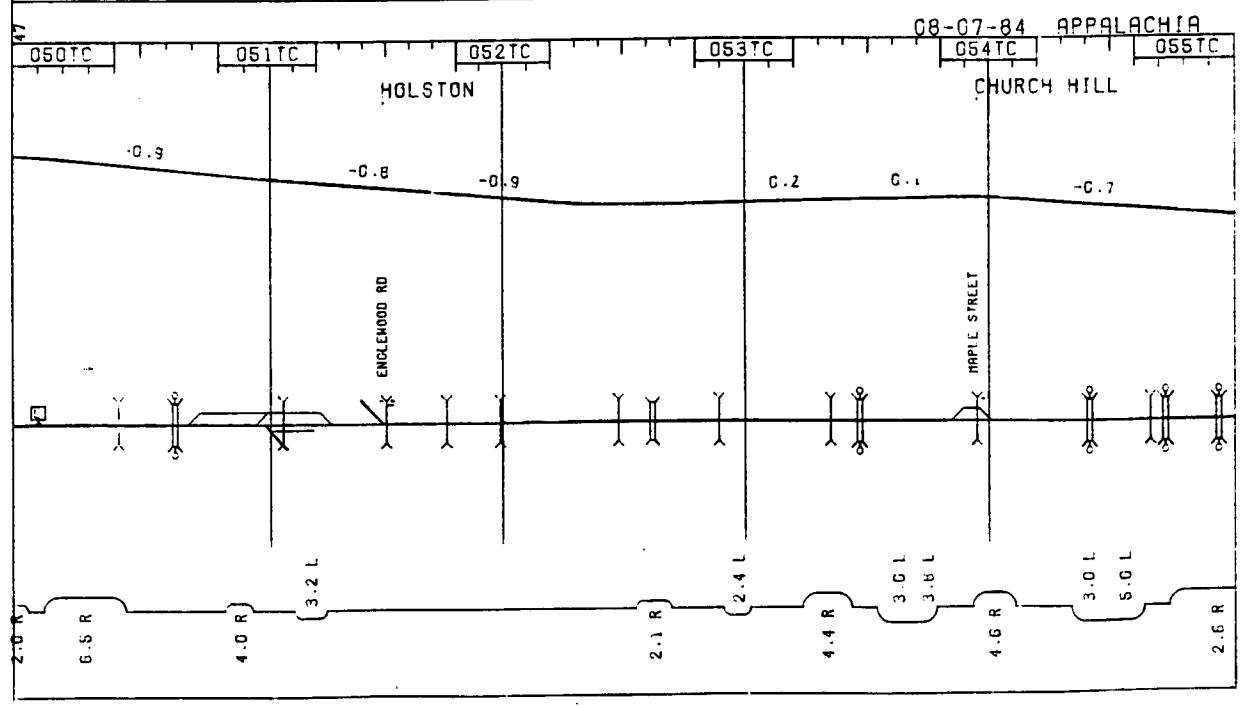
21.422

22.971



T&S
SURF
LAID
RAIL
RL WT
STEEL
DY BR
MGT

TRACK 1	
0982	1082
	61
	W
	132
	CC
	DBSW
22.971	23.095



TRACK 1

1082

61

W

132

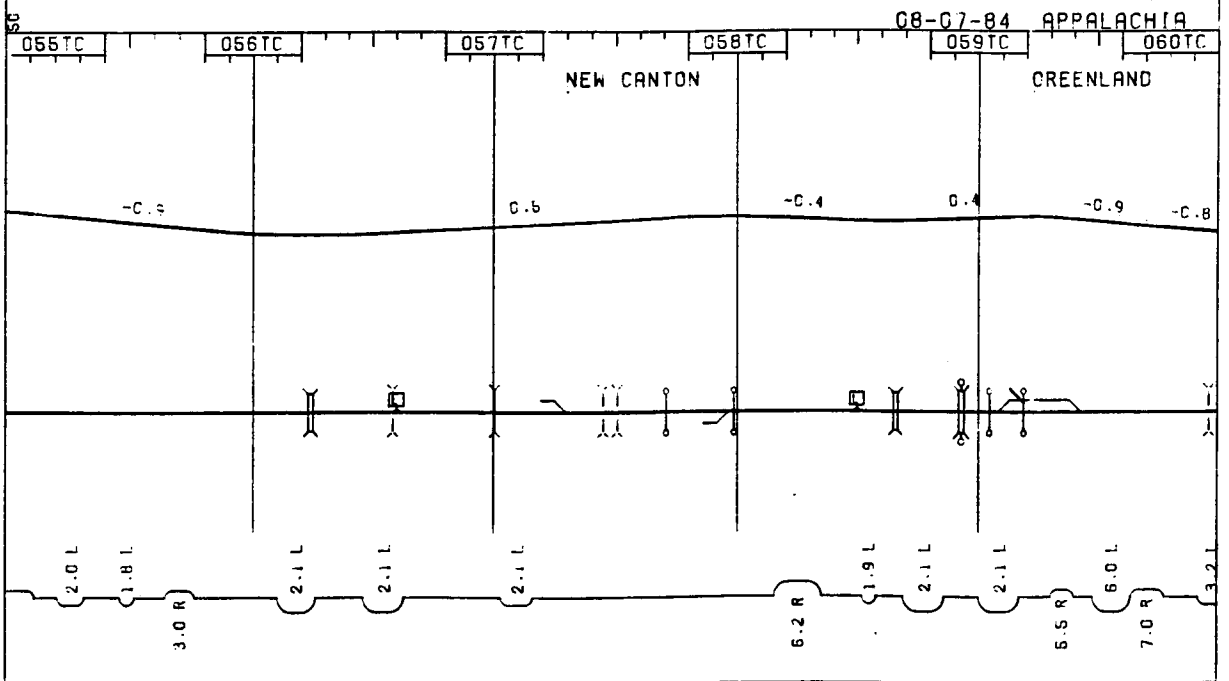
CC

OBSW

23.095

23.048

22.784



T&S

1082

SURF

LAI

61

62

RAIL

W

RL WT

132

131

STEEL

CC

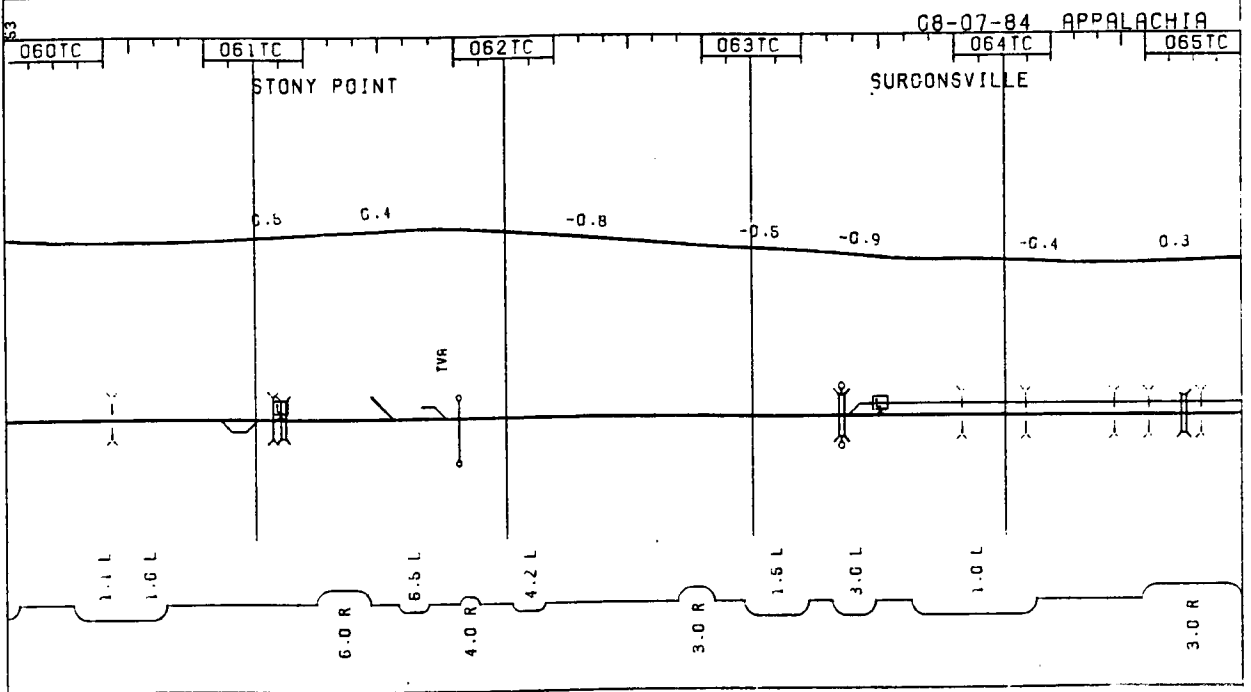
OY BR

DBSW

MGT

22.784

22.772



TRACK 1

1082

62

W

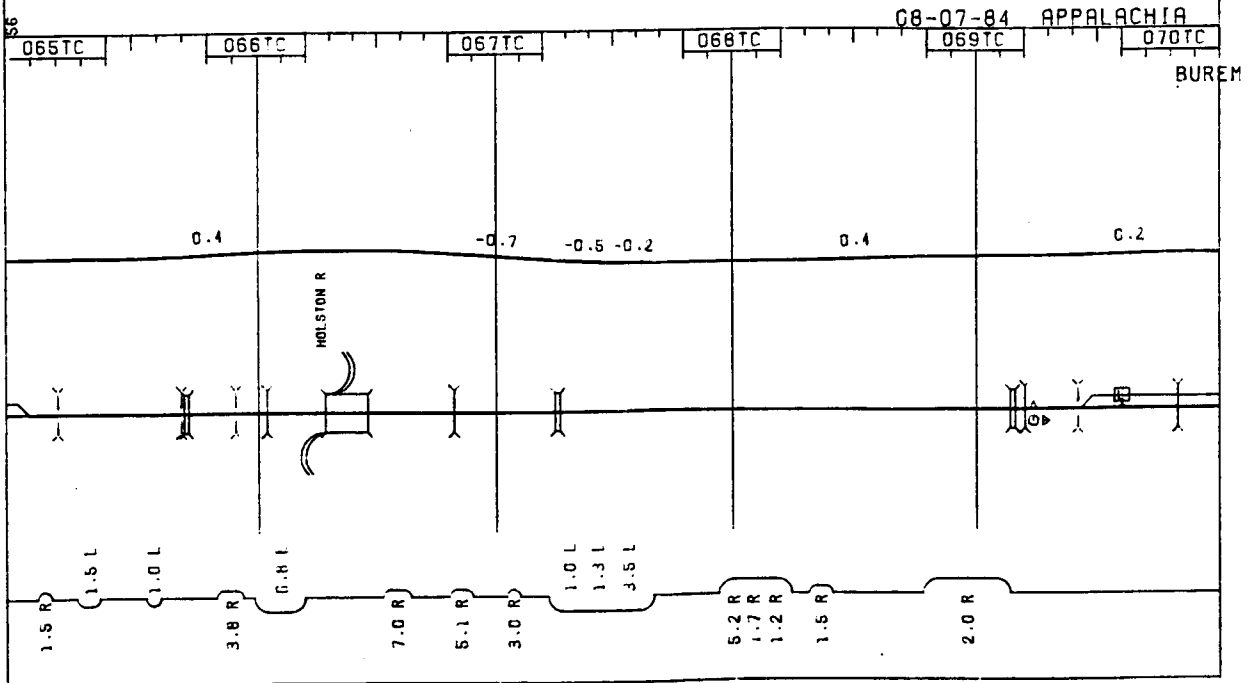
131

CC

DBSW

DBSW

22.772



TRACK 1

T&S

1082

SURF

L A I D

62

R A I L

W

R L W T

131

S T E E L

CC

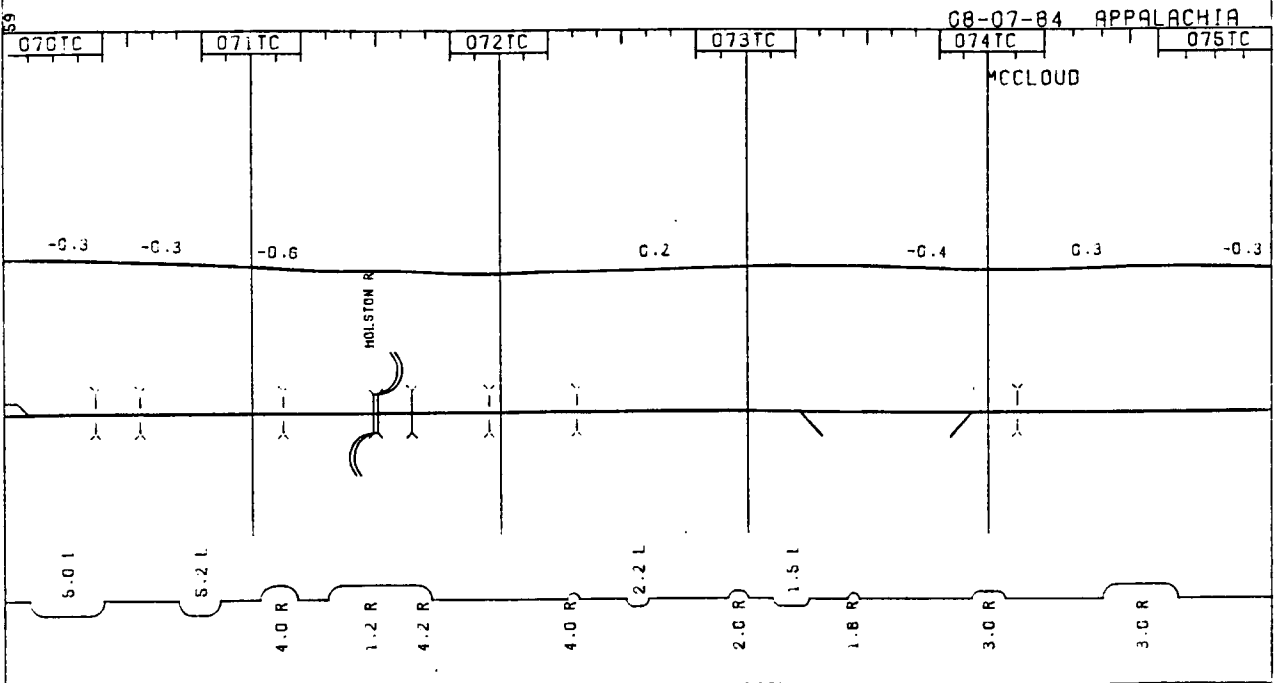
D Y B R

OBSW

M G T

22.772

21.313



TRACK 1

1182

62

W

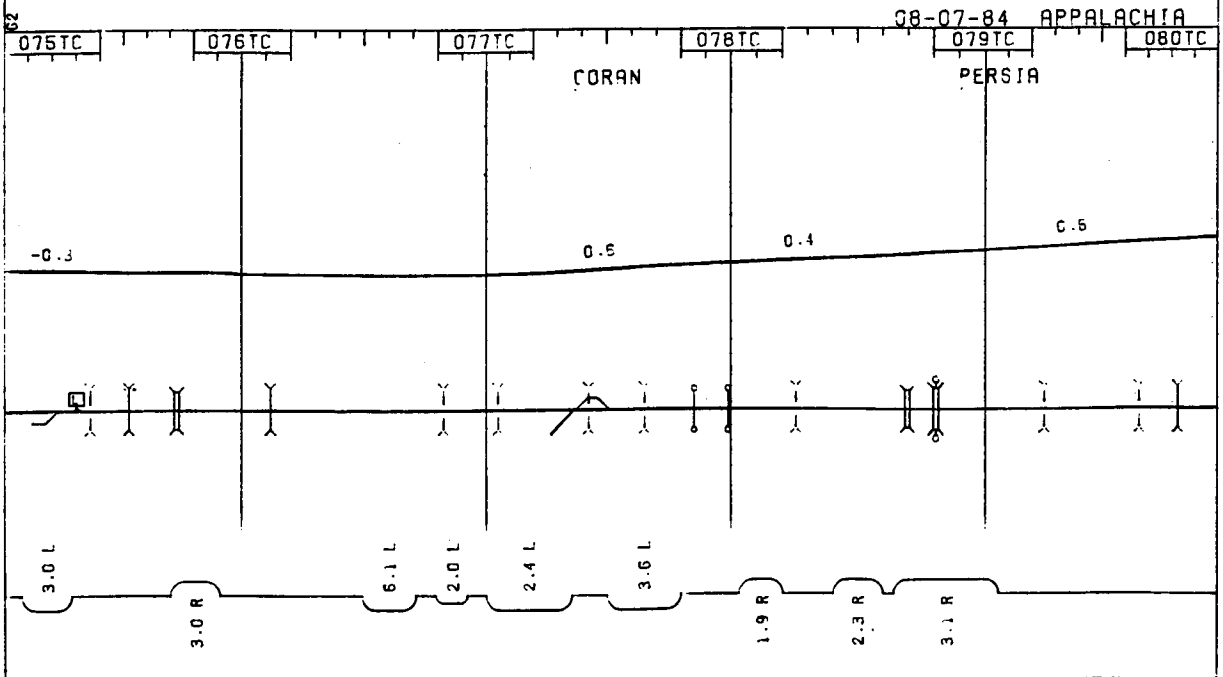
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CC

DBSW

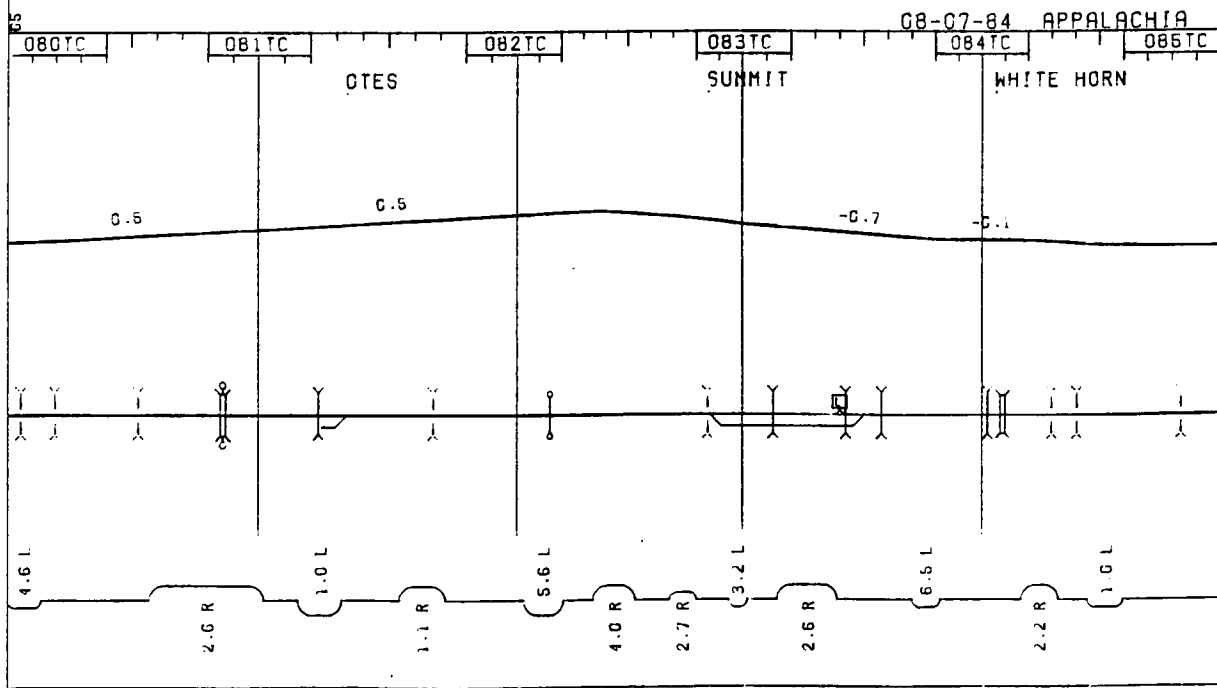
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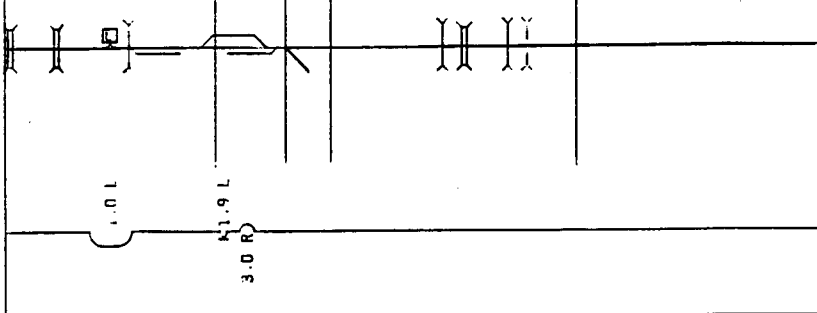
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TRACK 1

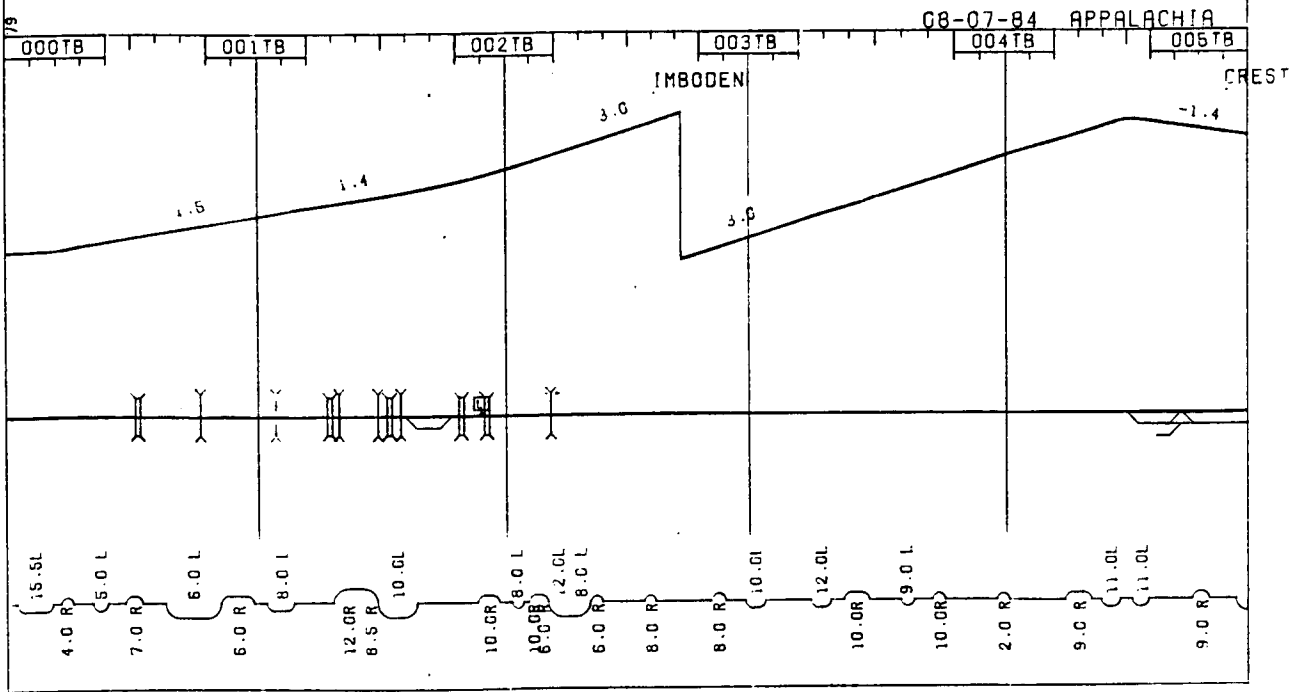
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SURF			
LAI D	62		68
RAIL	W		
RL WT	131		132
STEEL	CC		
DY BR	DBSW		
MGT	21.314		



TRACK 1			
0879			
68	45		
W	R		
132	100		
CC	AC		
DBSW			
21.314			
08-07-84 APPALACHIA			
085TC	086TC	087TC	BULLS GAP
-G.3			
			
1.0 L			
1.9 L			
3.0 R			

TRACK 1

T&S	0783
SURF	
LAID	76
RAIL	RWF
RL WT	132
STEEL	CC
DY BR	
MGT	5.244 5.371



TRACK 1

0783

0584

76

RWF

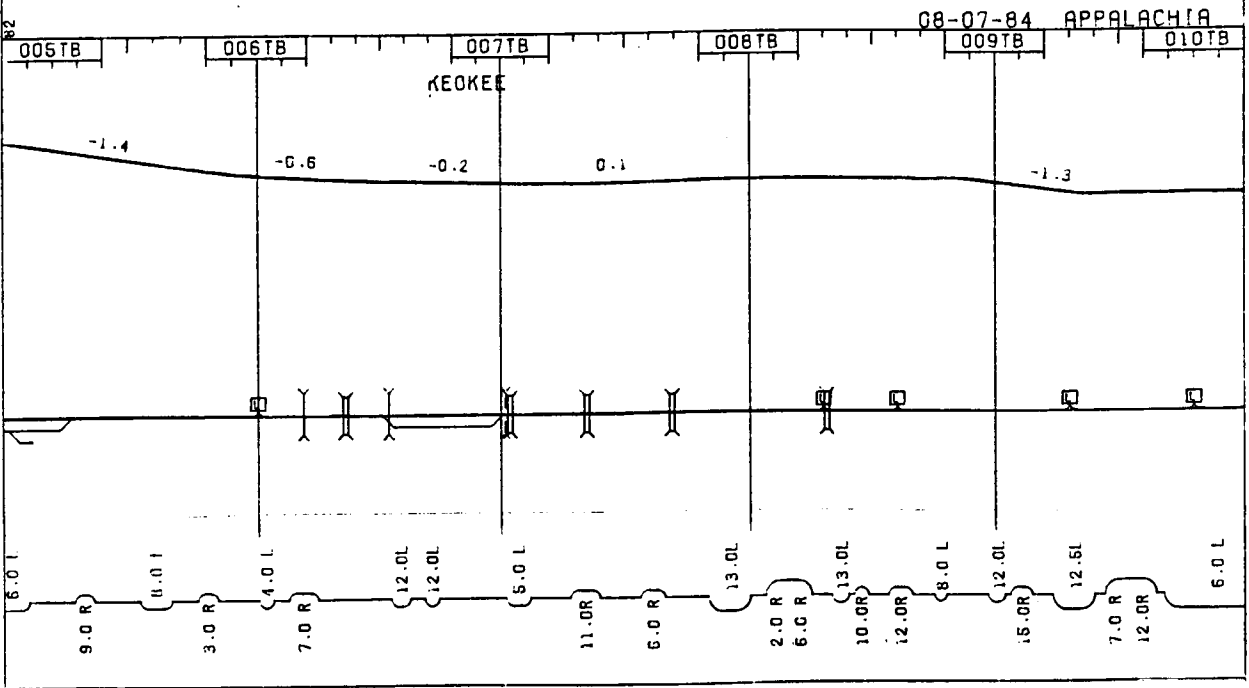
132

CC

5.371

3.665

3.720



TRACK 1

T&S

0584

SURF

LAI

76

77

RAIL

RWF

RW

RL WT

132

STEEL

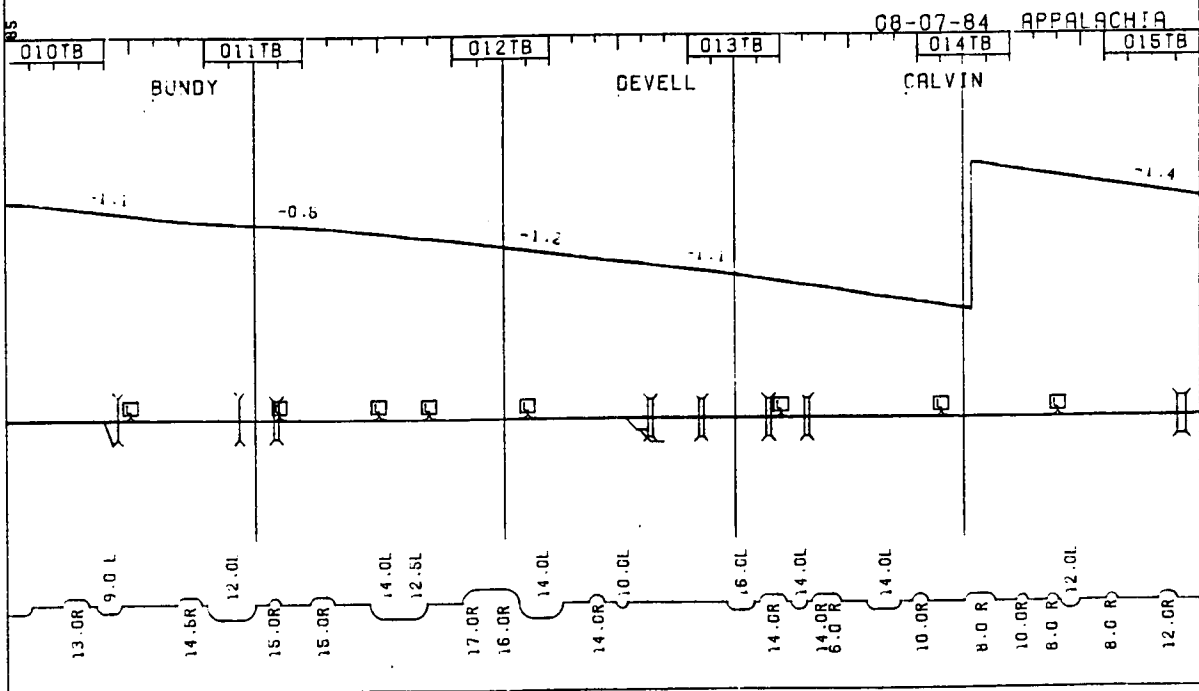
CC

DY BR

MGT

3.720

3.792



TRACK 1

0584

0484

77

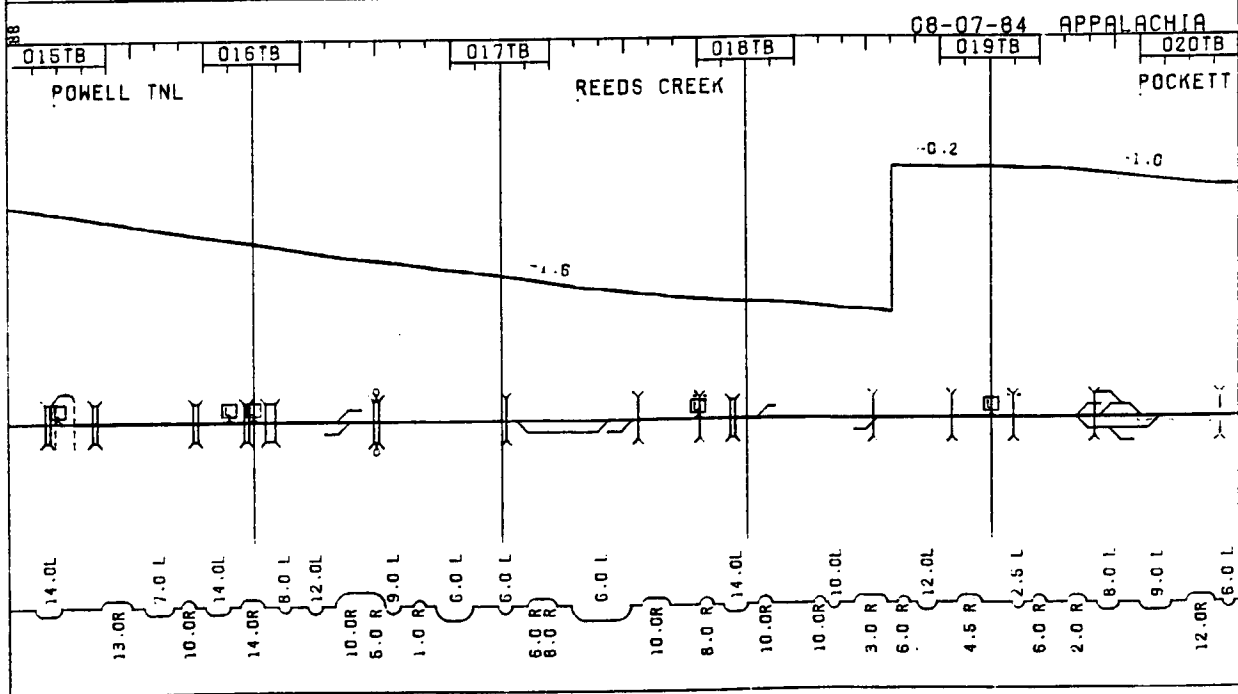
RW

132

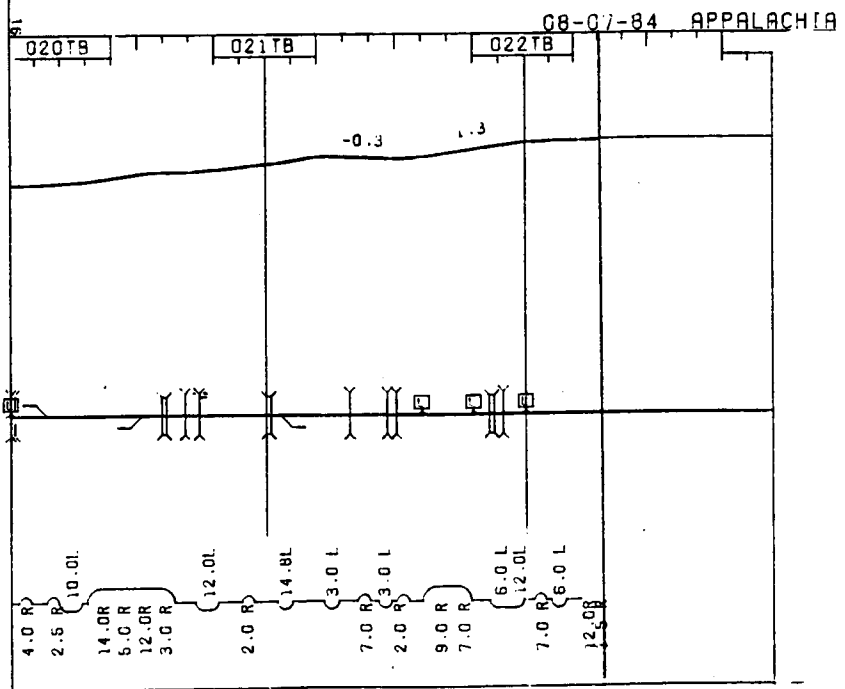
CC

3.792

4.211



	TRACK 1			
T&S	0484			
SURF				
L A I D	77			78
R A I L	RW	R	RWF	R
R L W T	132			
S T E E L	CC			
D Y B R				
M G T	4.211	4.616	4.656	



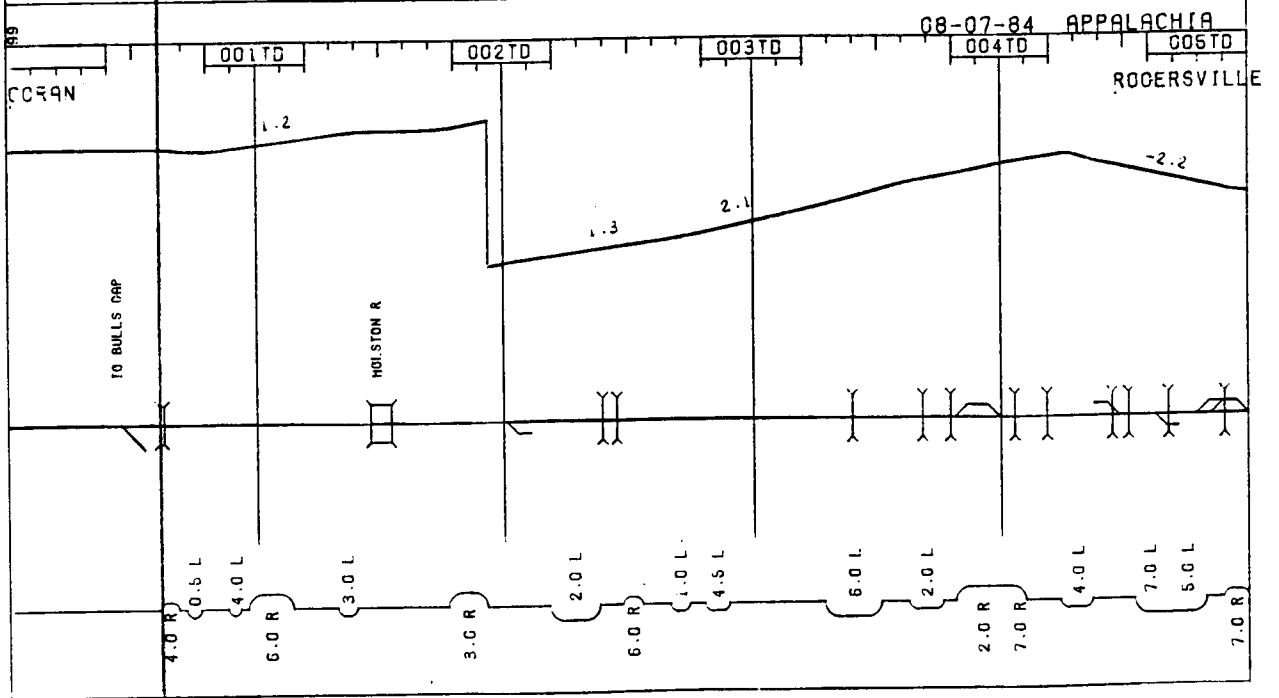
T&S
SURF
LAID
RAIL
RL WT
STEEL
DY BR
MGT

TRACK 1

0173

23	45	UNKN	34	36	44
	R	U			R
	85	80			85
		AC			AC

0.001



TRACK 1

201

08-07-84 APPALACHIA

006TD	KINGSPORT				

TRACK 1

0783

T&S

SURF

LAI

UNKN

78

74

RAIL

U

RW

W

RL WT

132

STEEL

CC

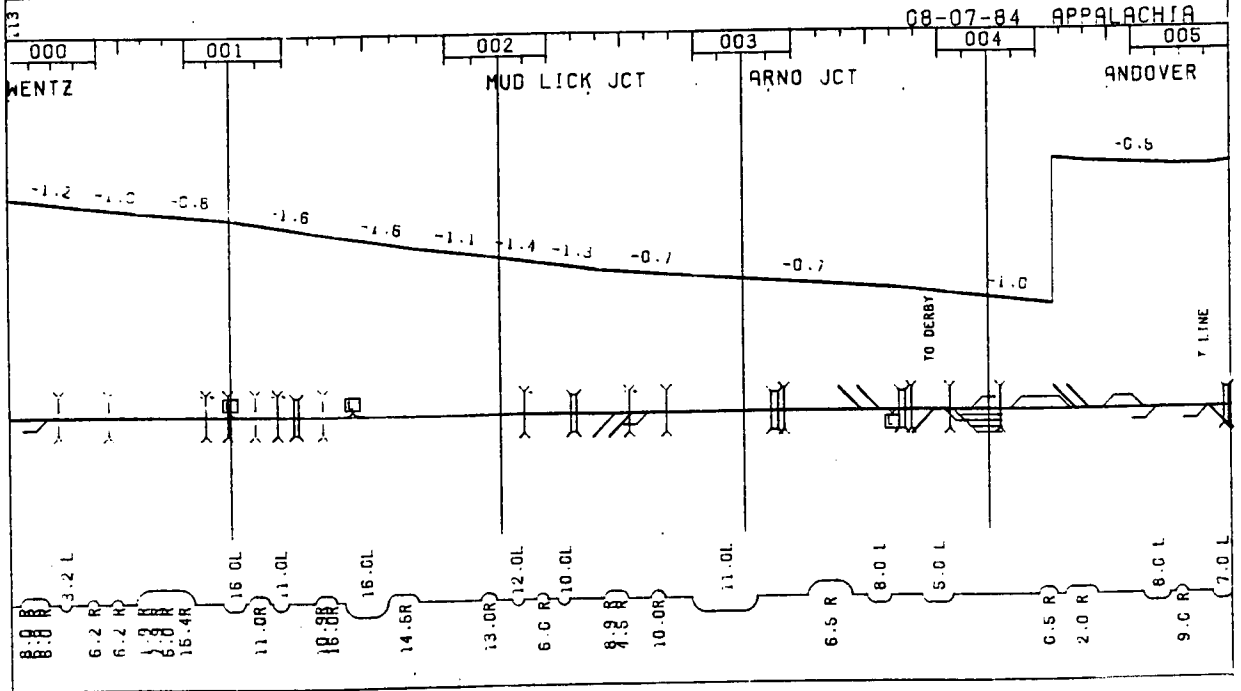
DY BR

MGT

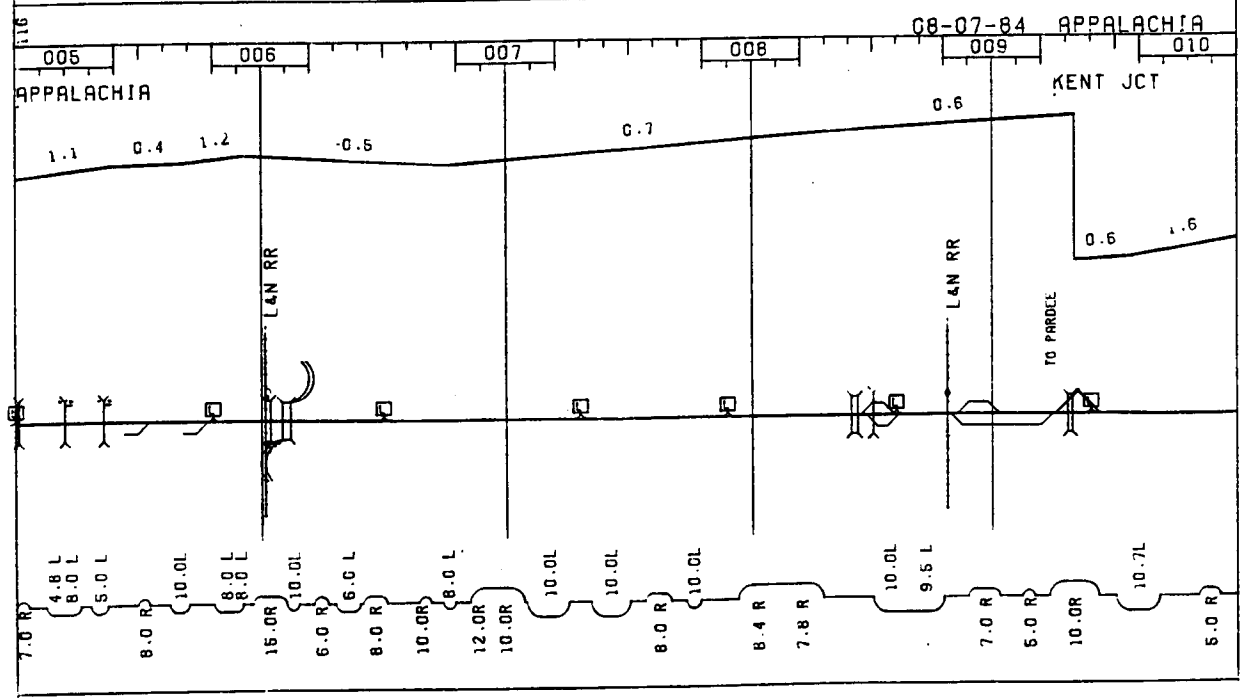
0.332

2.034

2.324

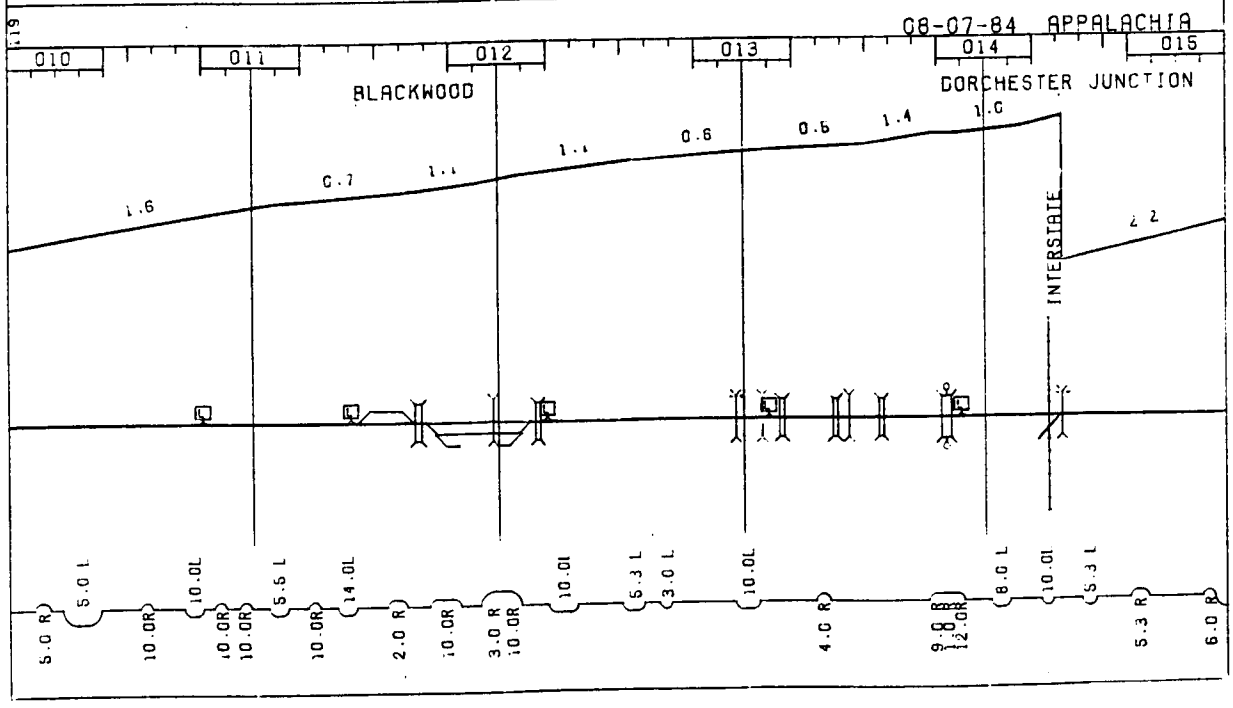


TRACK 1		
0783		0883
74		
W		
132		
CC		
35.352		10.255 8.290



T&S
SURF
LAID
RAIL
RL WT
STEEL
DY BR
MGT

TRACK 1		
0977	1077	0484
0883		
77		
NWF		
132		
CM		
8.290	8.138	7.434



08-07-84 APPALACHIA

BLACKWOOD

DORCHESTER JUNCTION

INTERSTATE

TRACK 1

0484

77

40

NWF

N

132

100

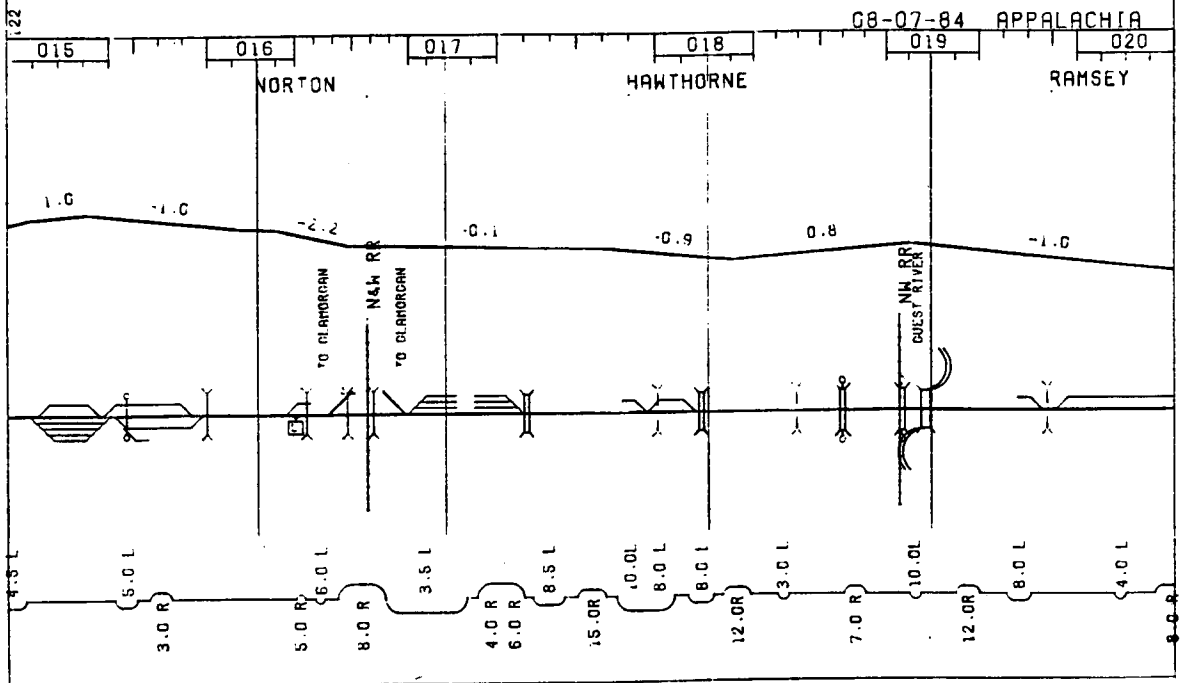
CM

CC

7.434

1.669

0.489



TRACK 1

T&S

0484

1175

1261

SURF

L A I D

40

R A I L

N

R L W T

100

S T E E L

CC

D Y B R

M G T

0.489

020

021

022

023

024

025

08-07-84 APPALACHIA

TACOMA

-0.8

-0.2

-1.0

8.0 L

4.0 L

4.0 R

4.0 L

3.0 R

6.0 L

10.0 R

3.0 L

3.0 R

2.0 L

1.0 R

4.0 L

4.0 R

TRACK 1

1261

1269

40

57

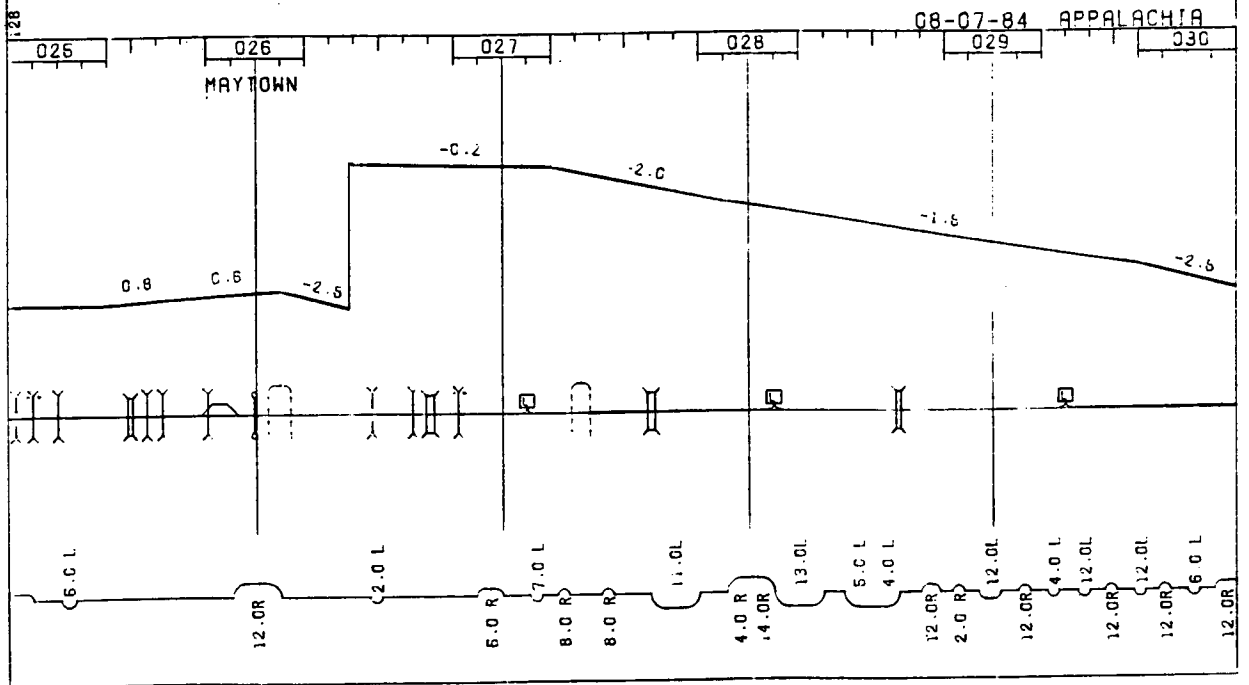
N

100

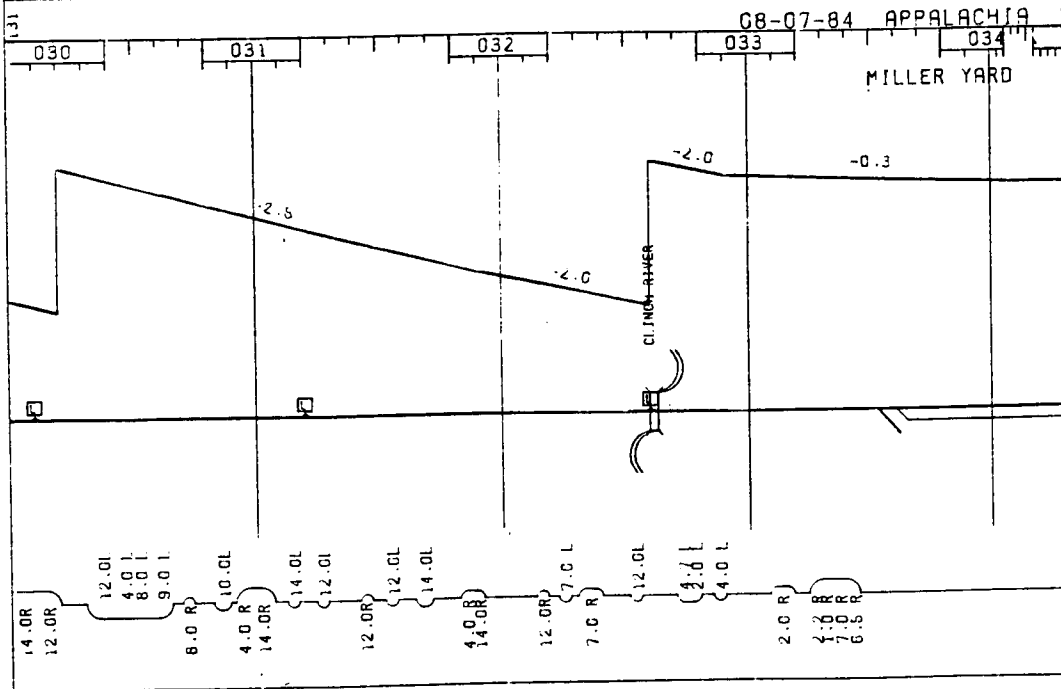
CC

0.489

0.483



	TRACK 1	
T&S	1269	UNKN
SURF		
LAI	57	53
RAIL	N	R
RL WT		100
STEEL		CC
DY BR		
MGT		0.483



T&S

1077

1269

U

SURF

L A I D

77

78

UNKN

R A I L

NWF

R

R L W T

132

85

S T E E L

CM

CC

UNKN

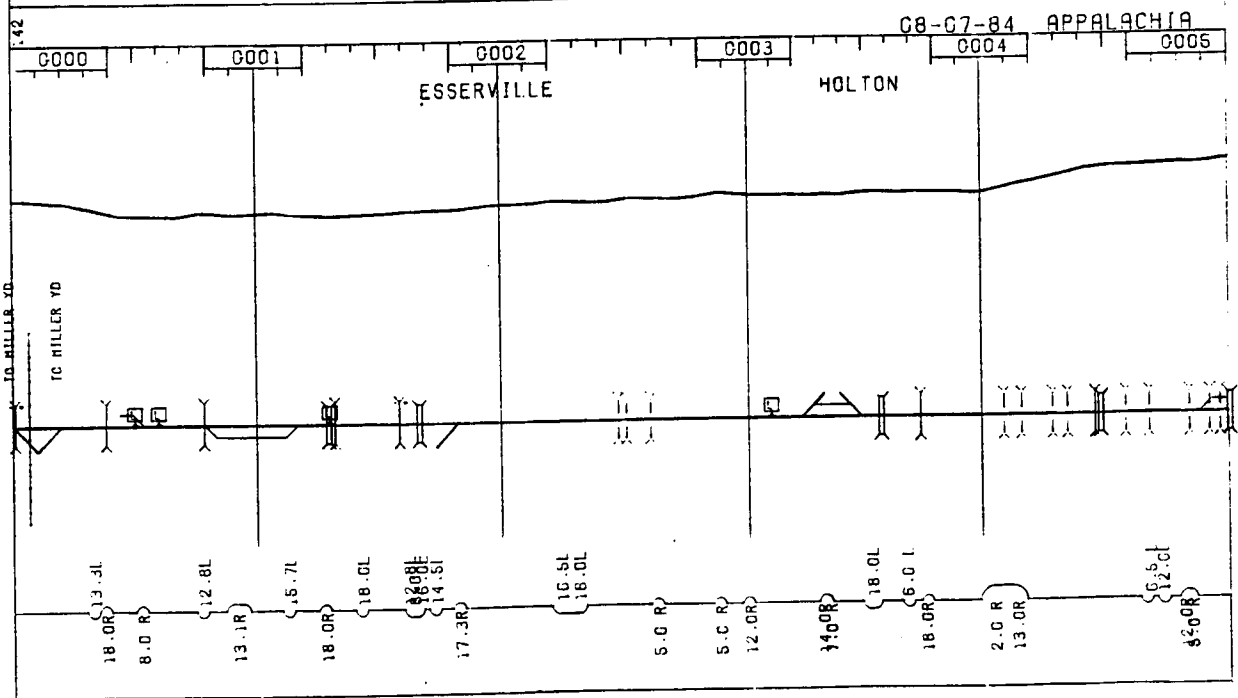
D Y B R

M G T

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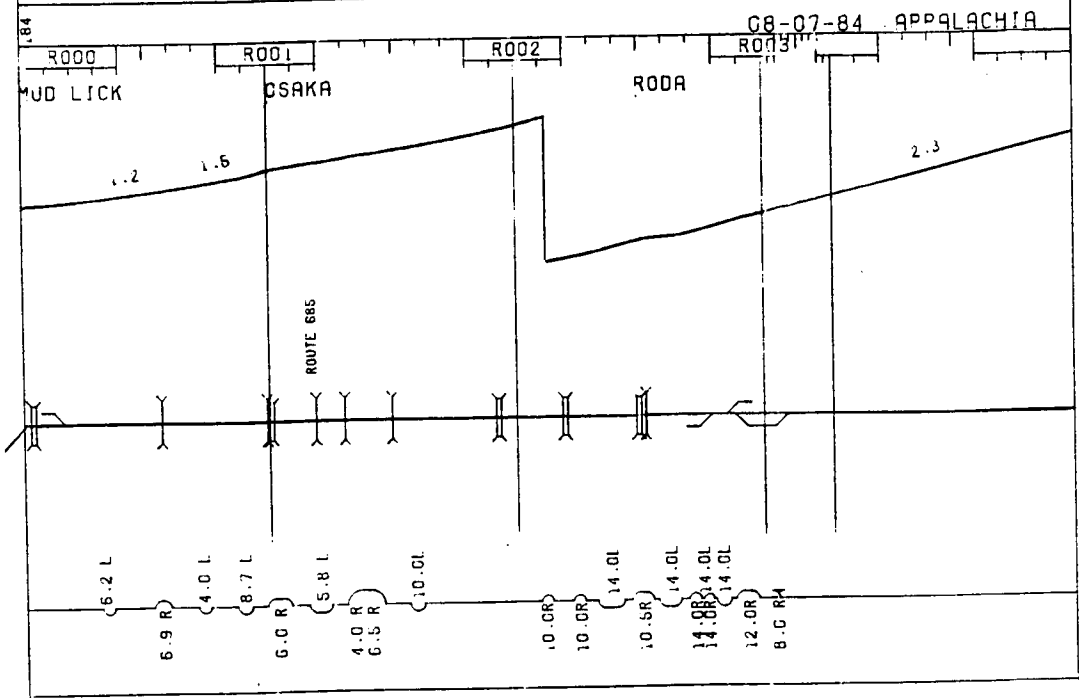
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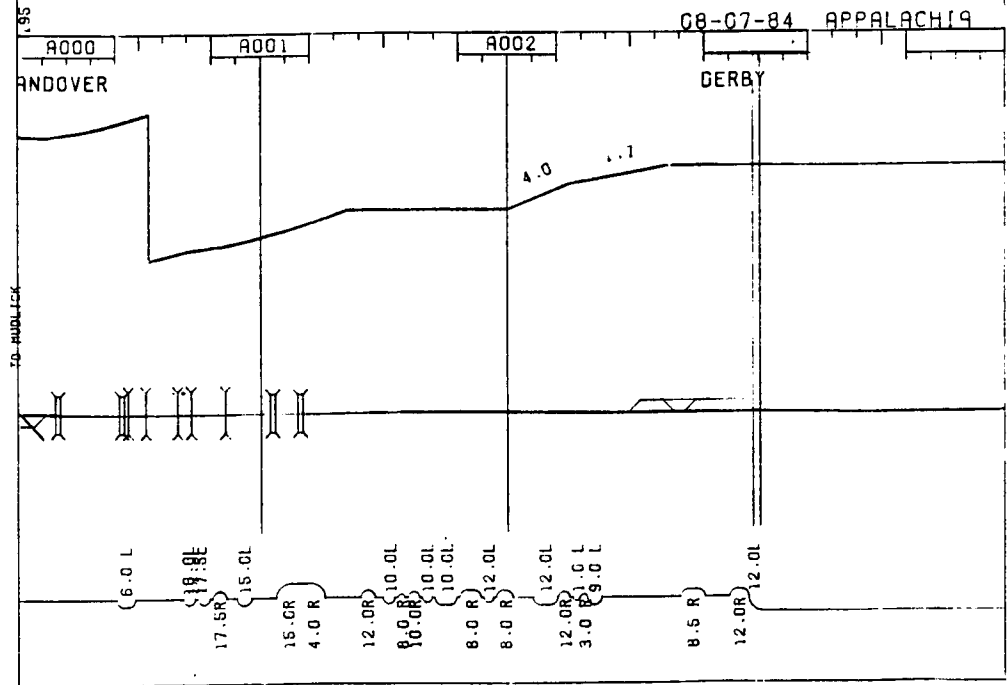
TRACK 1	
U	
U	
R	
85	
U	
0.380	

0005		G8-G7-84 APPALACHIA	
CLAMORGAN		G.4	
			G.4
6.5 R			

	TRACK 1			
T&S	1072			
SURF				
LAI D	46	80		
RAIL	N	R		
RL WT	85	100	100	
STEEL	CC	AC	CC	CC
DY BR				
MGT	1.702	0.988		



	TRACK 1		
T&S	0875		0775
SURF			
L A I D	83	36	25
R A I L	R		N
R L W T	100		
S T E E L	CC	AC	
D Y B R			
M G T	0.714		



T&S

1072

SURF

LAID

55

RAIL

R

RL WT

80

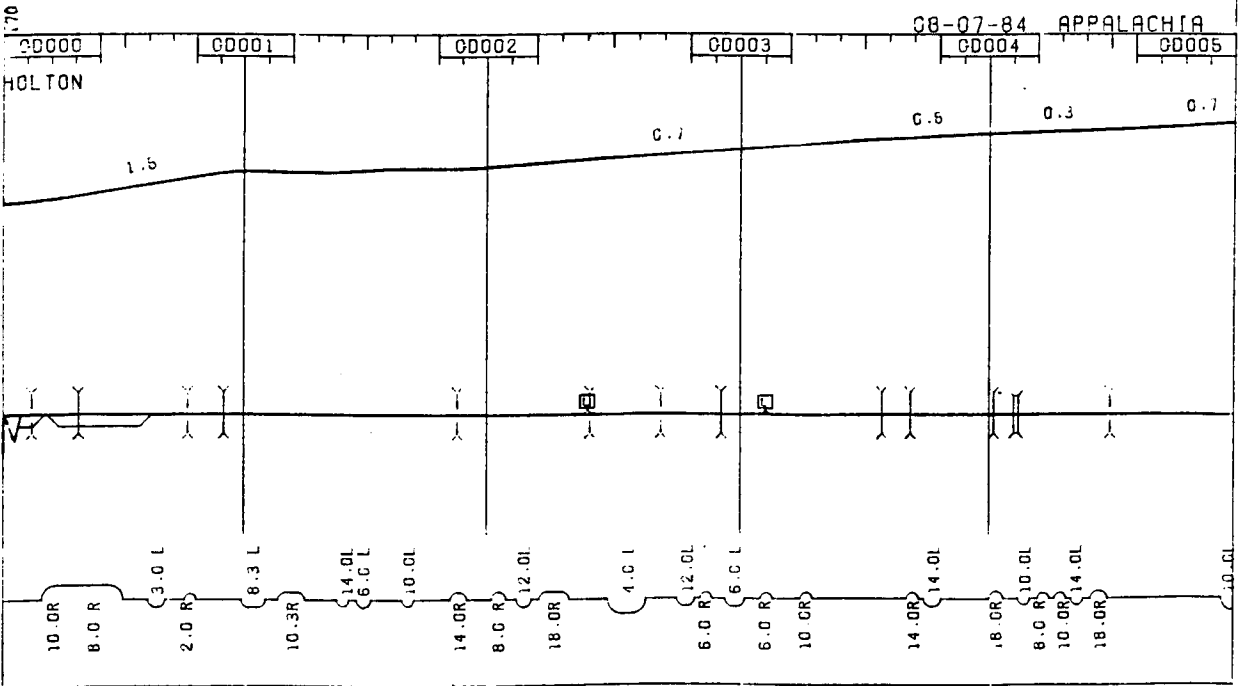
STEEL

AC

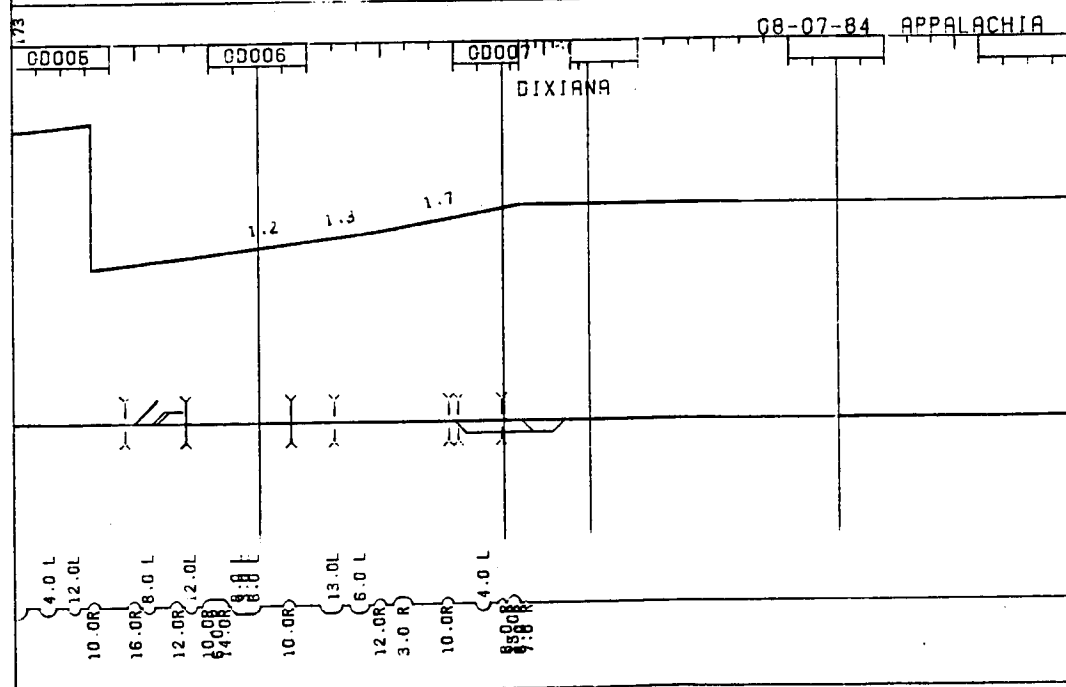
DY BR

MGT

0.000



TRACK 1	
1072	
55	
R	
80	
AC	
0.000	



T&S

1262

SURF

LAID

37 47

74

47

74

RAIL

R

N

R

N

R

RL WT

90

85

115

85

115

STEEL

AC

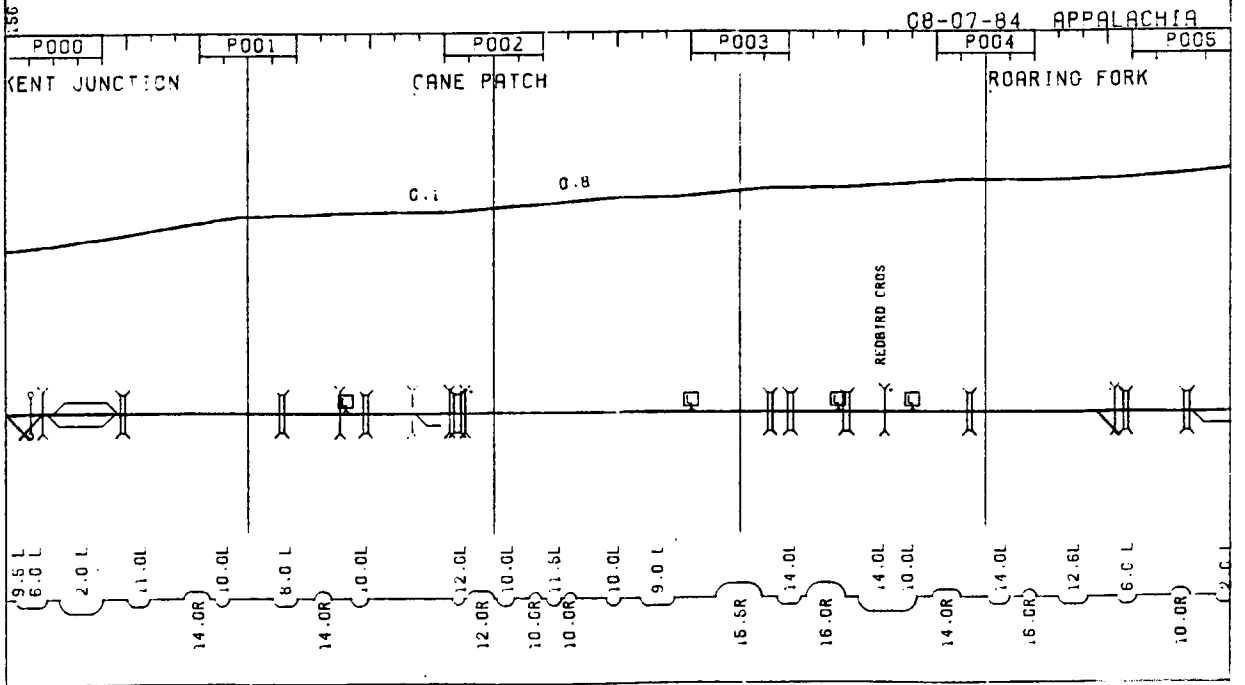
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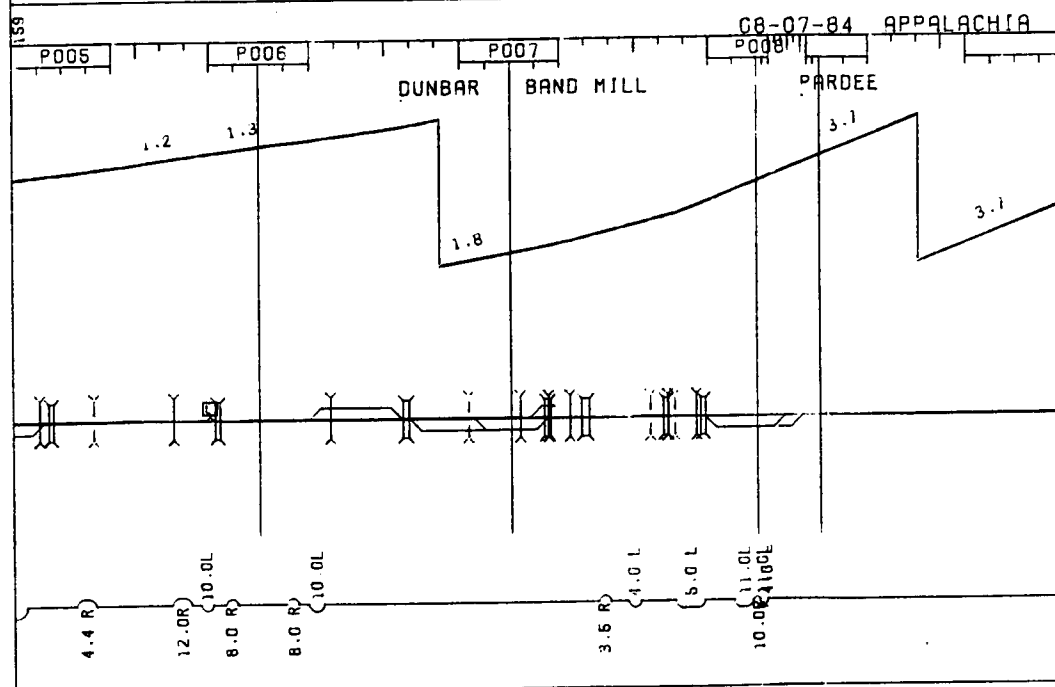
MGT

2.024 0.527

TRACK 1



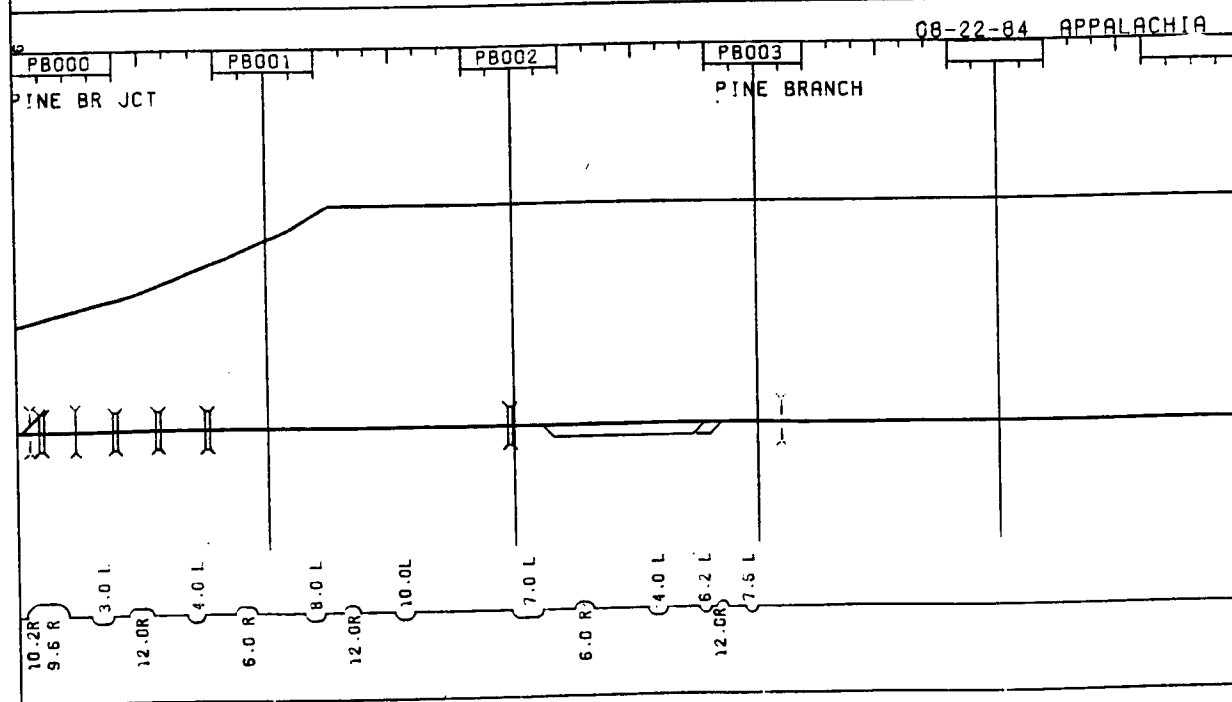
TRACK 1			
			1262 U
		75	49
		R	N
132	85	90	
CC			
0.527		0.525	



T&S
SURF
LAID
RAIL
RL WT
STEEL
DY BR
MGT

TRACK 1		
		1269
47	80	47
N	R	N
85	100	85
		CC
		1.229
T&S		
SURF		
LAID		
RAIL		
RL WT		
STEEL		
DY BR		
MGT		

T&S
SURF
LAID
RAIL
RL WT
STEEL
DY BR
MGT



	TRACK 1		
T&S	U		
SURF			
L A I D	52	78	52
R A I L	R	N	R
R L W T	85	100	85
S T E E L	AC	CC	U
D Y B R			
M G T	0.718		

