

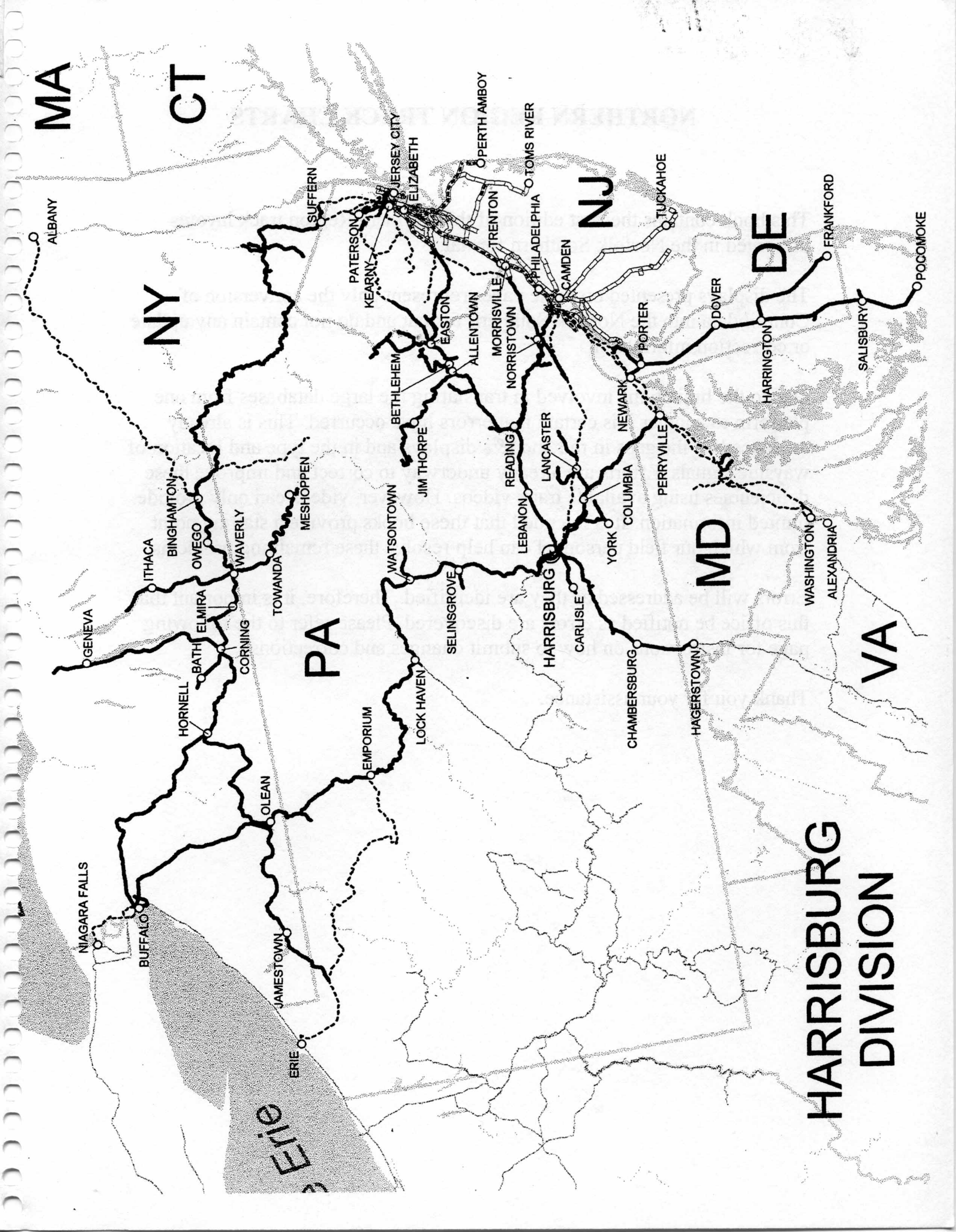


®

**NORFOLK
SOUTHERN**

Harrisburg Division

2000



MA CT

NY

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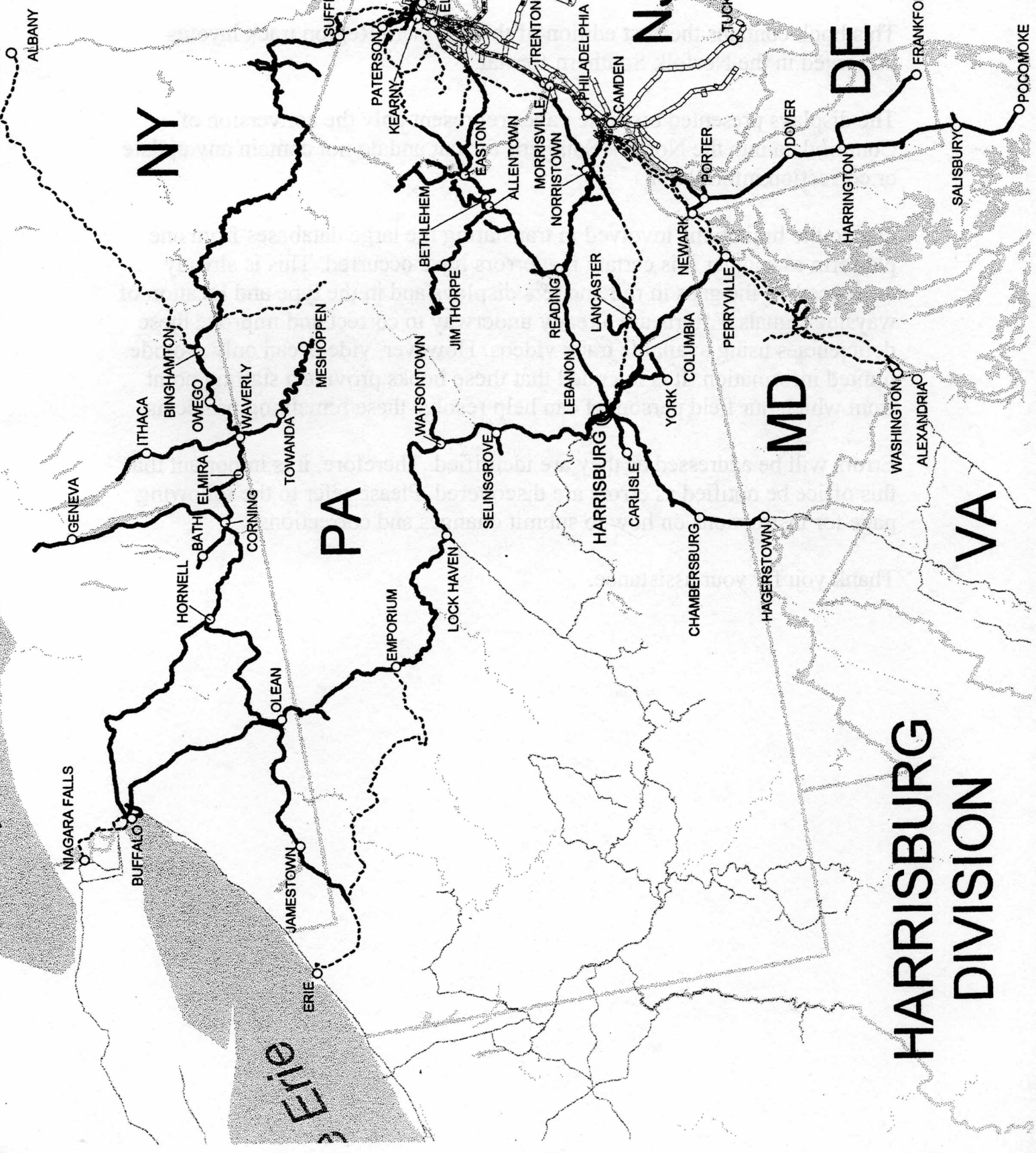
DE

PA

MD

VA

HARRISBURG
DIVISION



NORTHERN REGION TRACK CHARTS

This book contains the first edition of the Northern Region track layouts presented in the Norfolk Southern format.

The displays presented on these pages represent only the conversion of Conrail data into the Norfolk Southern format and do not contain any update or correction information.

Due to the limitations involved in translating the large databases from one platform to another it is certain that errors have occurred. This is already evidenced by the gaps in rail and t&s displays and in the type and location of wayside signals. Efforts are already underway to correct and improve these deficiencies using available track videos. However, videos can only provide limited information. It is intended that these books provide a starting point from which our field personnel can help resolve these remaining problems.

Errors will be addressed as they are identified. Therefore, it is important that this office be notified as errors are discovered. Please refer to the following page for instructions on how to submit changes and corrections.

Thank you for your assistance.

THIS BOOK IS INTENDED FOR GENERAL REFERENCE ONLY

THIS BOOK IS PREPARED AND PUBLISHED BY THE OFFICE OF ENGINEERING SYSTEMS-ATLANTA AND IS BASED ON INFORMATION SUPPLIED TO ENGINEERING SYSTEMS THROUGH DECEMBER 1999. INFORMATION CONCERNING CHANGES, CORRECTIONS, ADDITIONS, OR DELETIONS TO THIS BOOK SHOULD BE DIRECTED TO THE ENGINEERING SYSTEMS OFFICE (*) AS FOLLOWS.

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MEMO	ENJCE (J.C. ELLIOTT PH 7-529-1315)

(*) NOTE:

THE RAIL, T&S, SURFACING, CURVE, AND CURVE ELEVATION INFORMATION PRESENTED IN THESE TRACK CHARTS IS MAINTAINED BY THE ENGINEER OF TRACK OFFICE IN ATLANTA. ENGINEERING SYSTEMS WILL FORWARD ALL UPDATE AND CORRECTION INFORMATION CONCERNING THESE ITEMS TO THAT OFFICE FOR HANDLING. HOWEVER, ANY QUESTIONS REGARDING THE DATA PRESENTED IN THESE PARTICULAR CATEGORIES SHOULD BE DIRECTED TO C.W. ALEXANDER OR A.I. PATEL IN THE ENGINEER OF TRACK OFFICE.

HARRISBURG DIVISION

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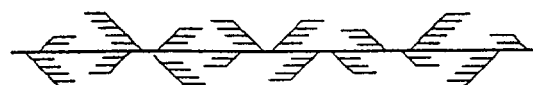
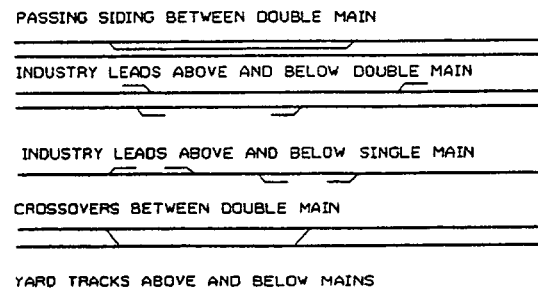
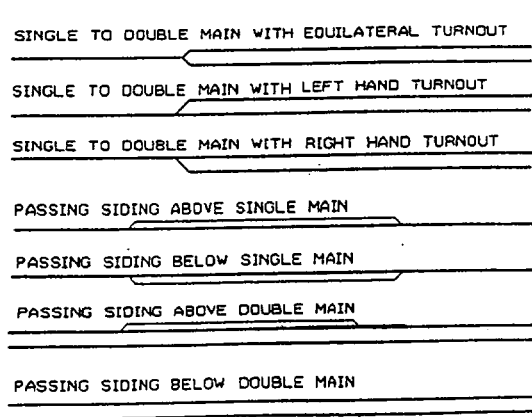
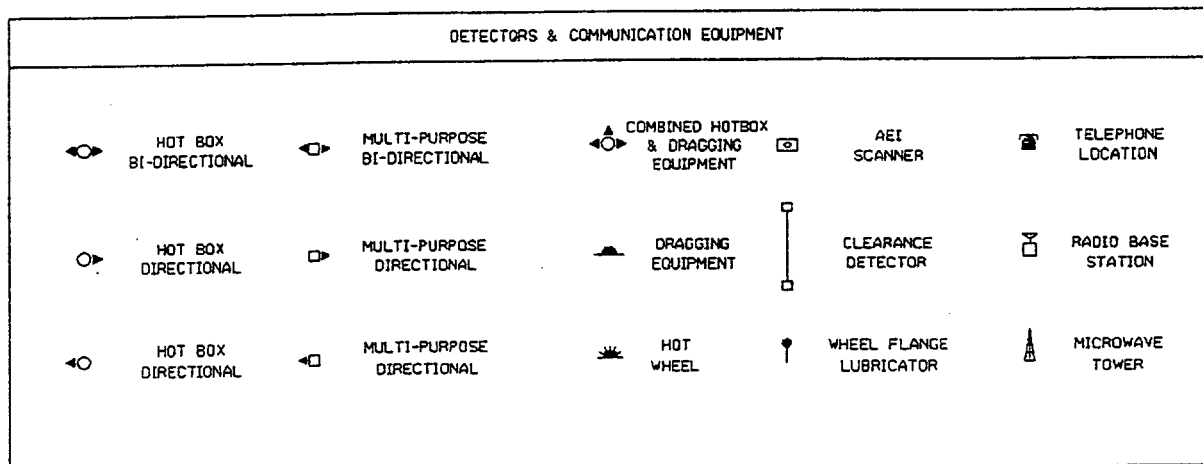
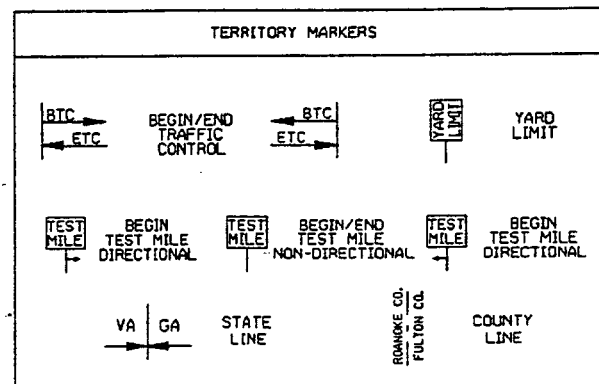
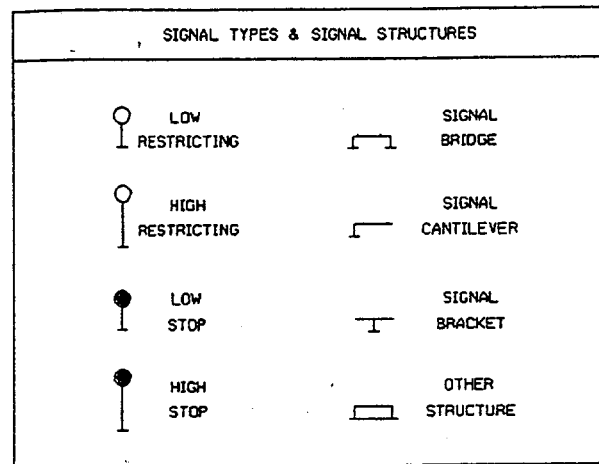
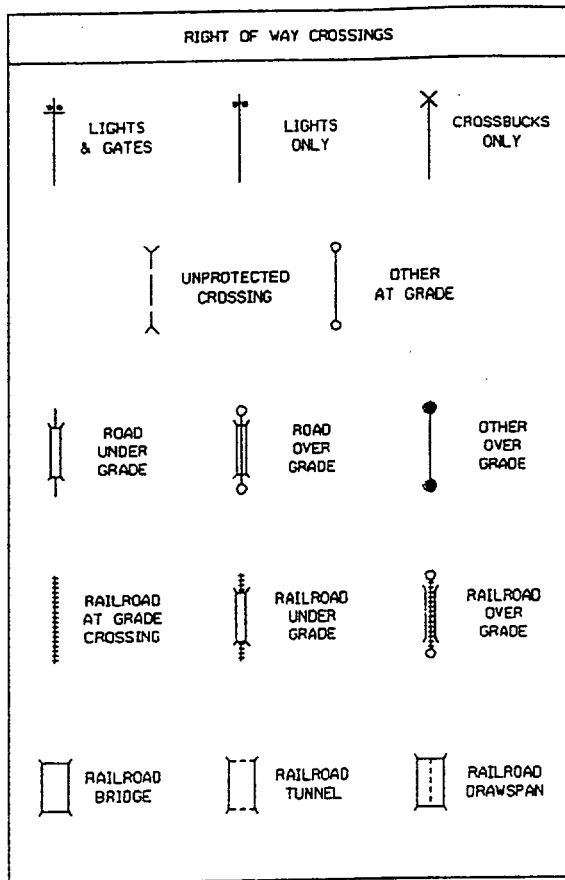
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537
541

TRACK CHART SYMBOL LEGEND



001

05/19/00

101302

PITTSBURGH LINE

HARRIS-BANKS

HARRISBURG

PT105

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7008

S
E → W
N

TRACK
LAYOUT

LINE SEGMENT
2585

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

55UJ30S ||| 55UJ30S

HARRIS

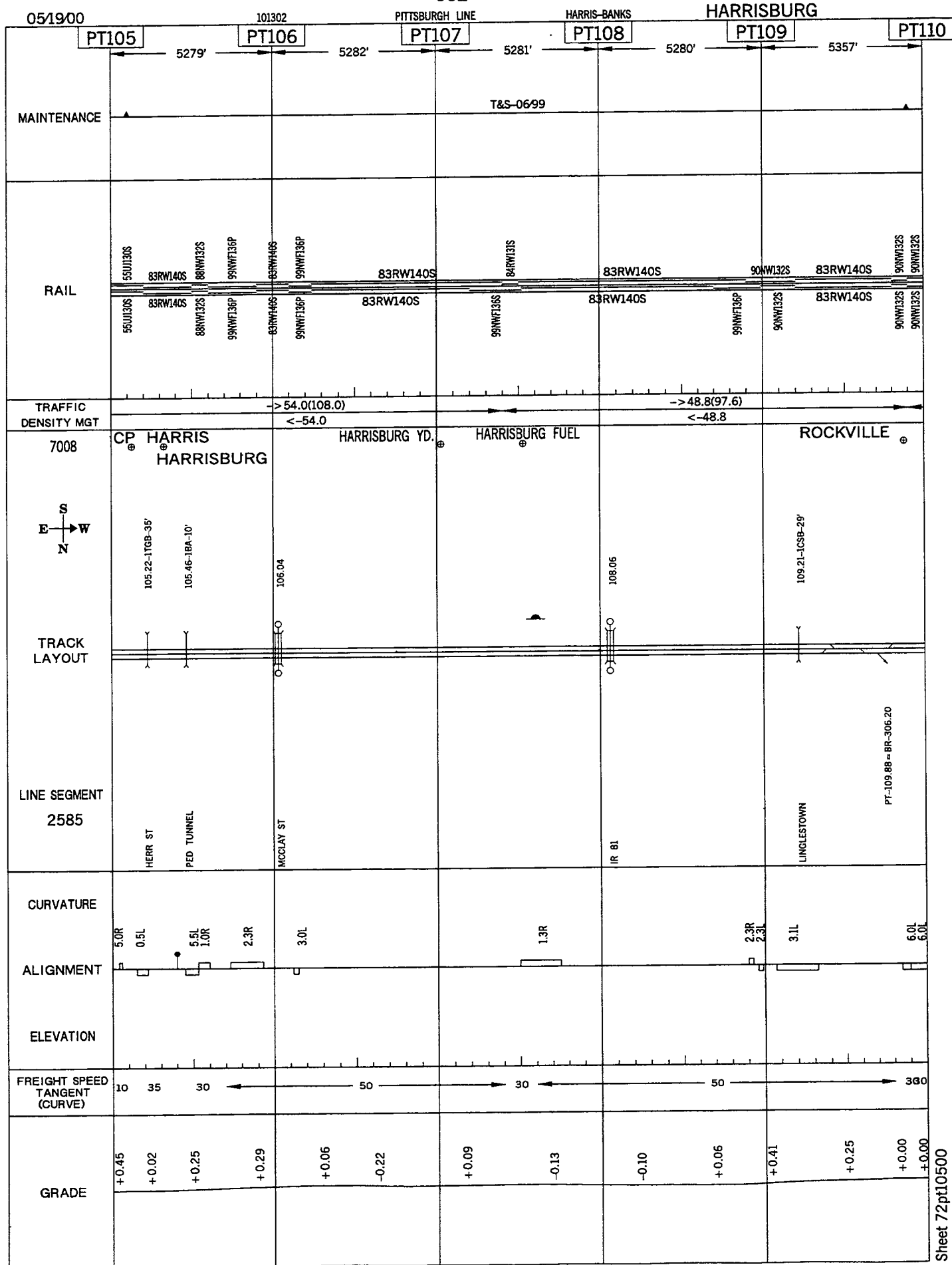
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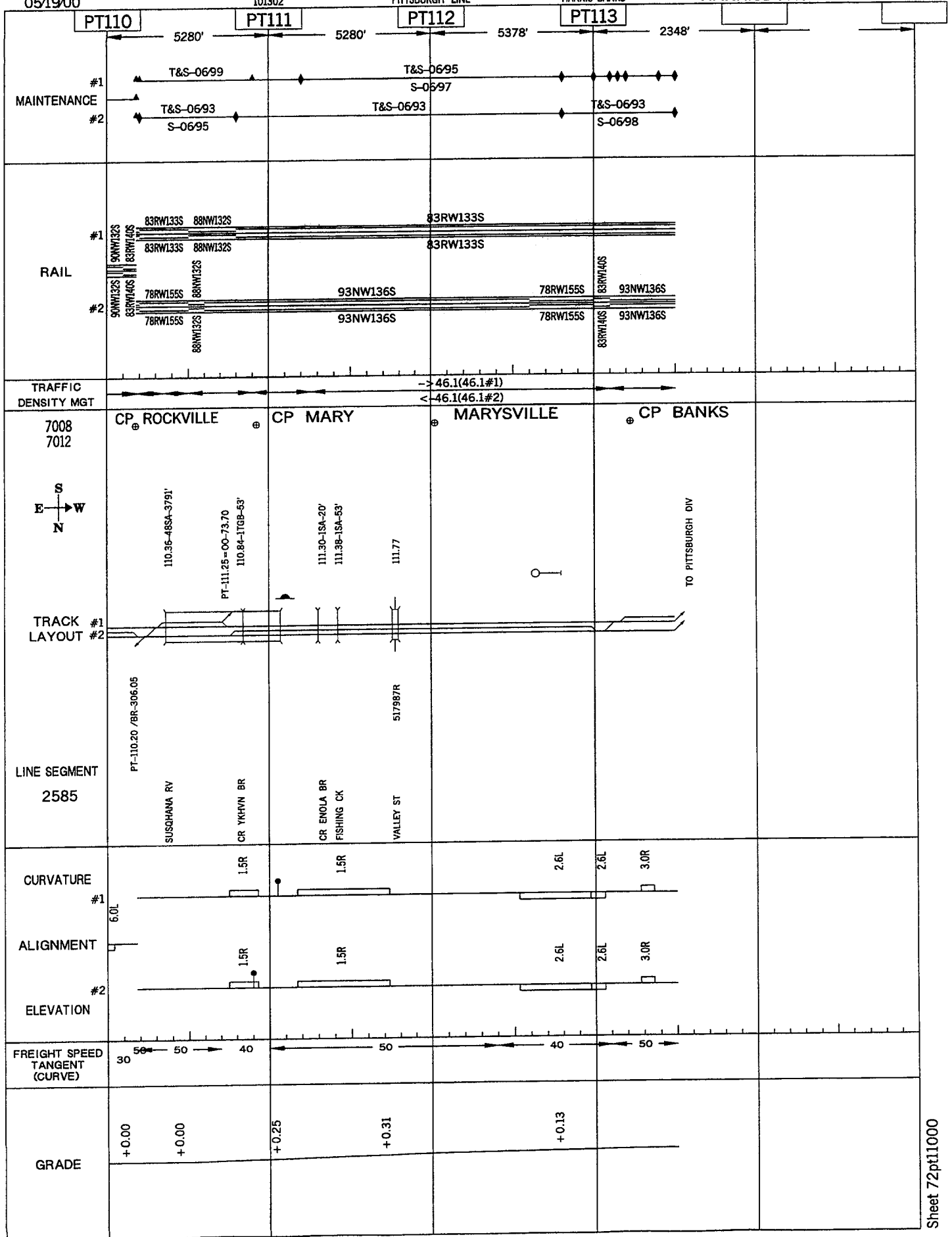
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101302

PITTSBURGH LINE

HARRIS-BANKS

HARRISBURG





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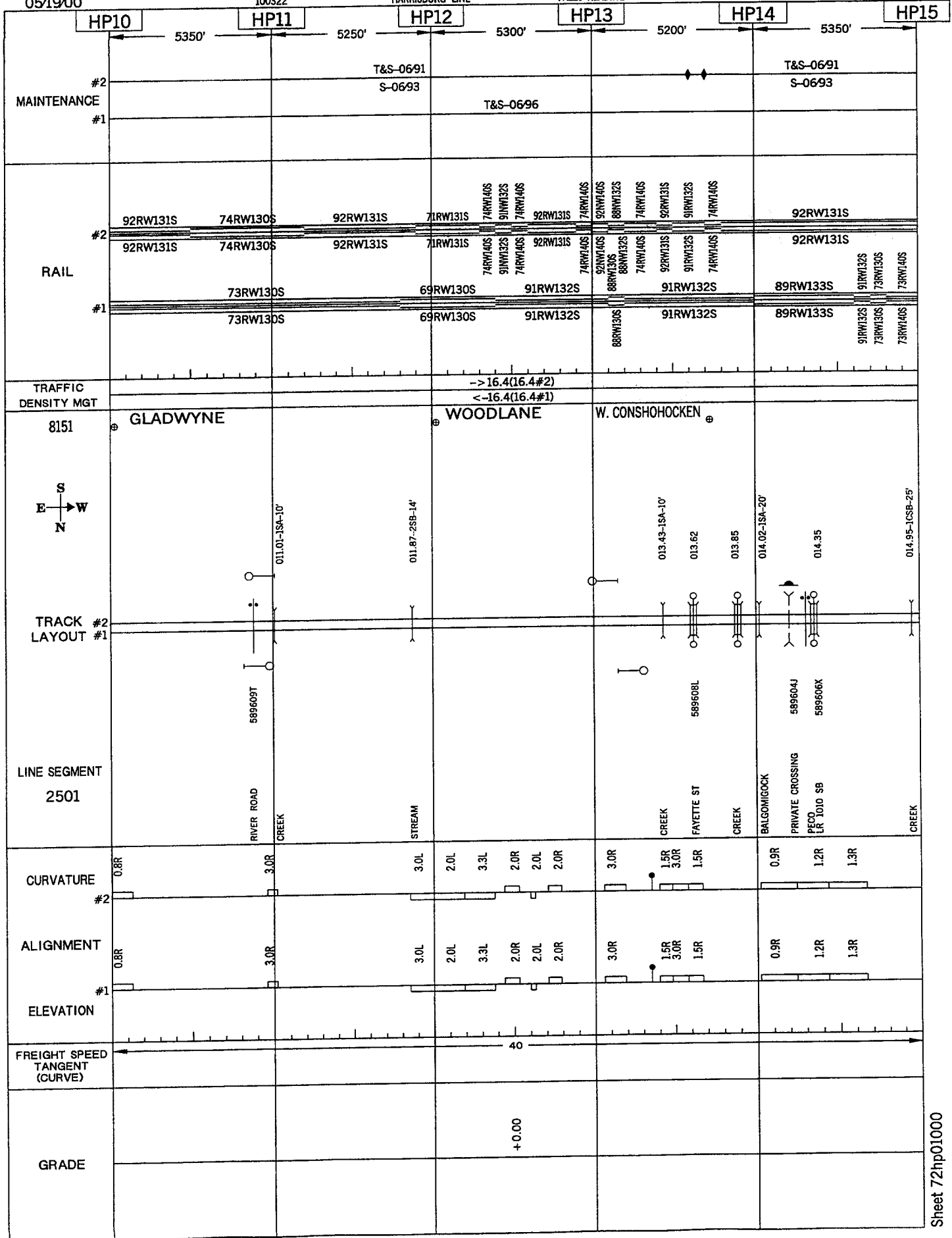
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FALLS-READING

HARRISBURG



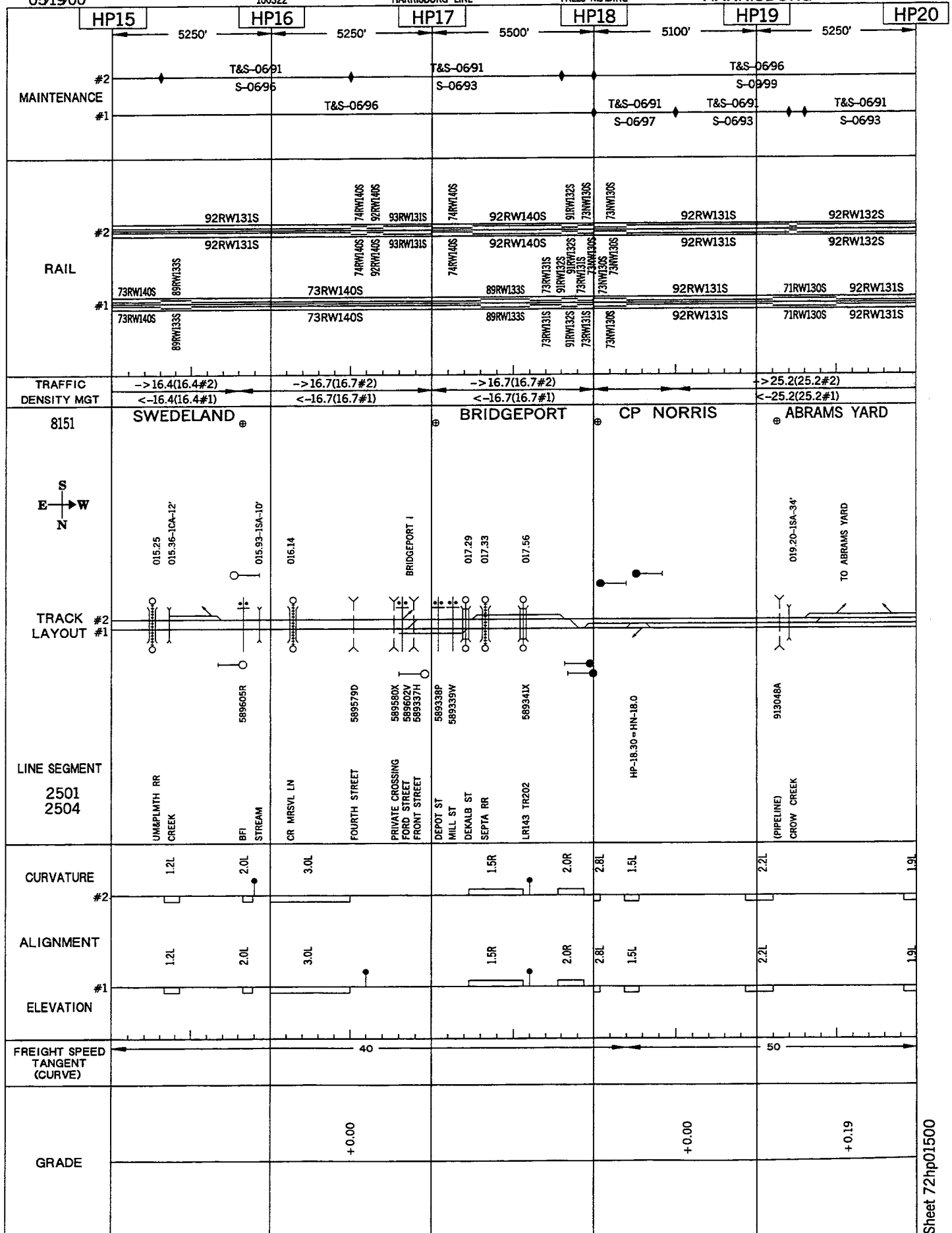
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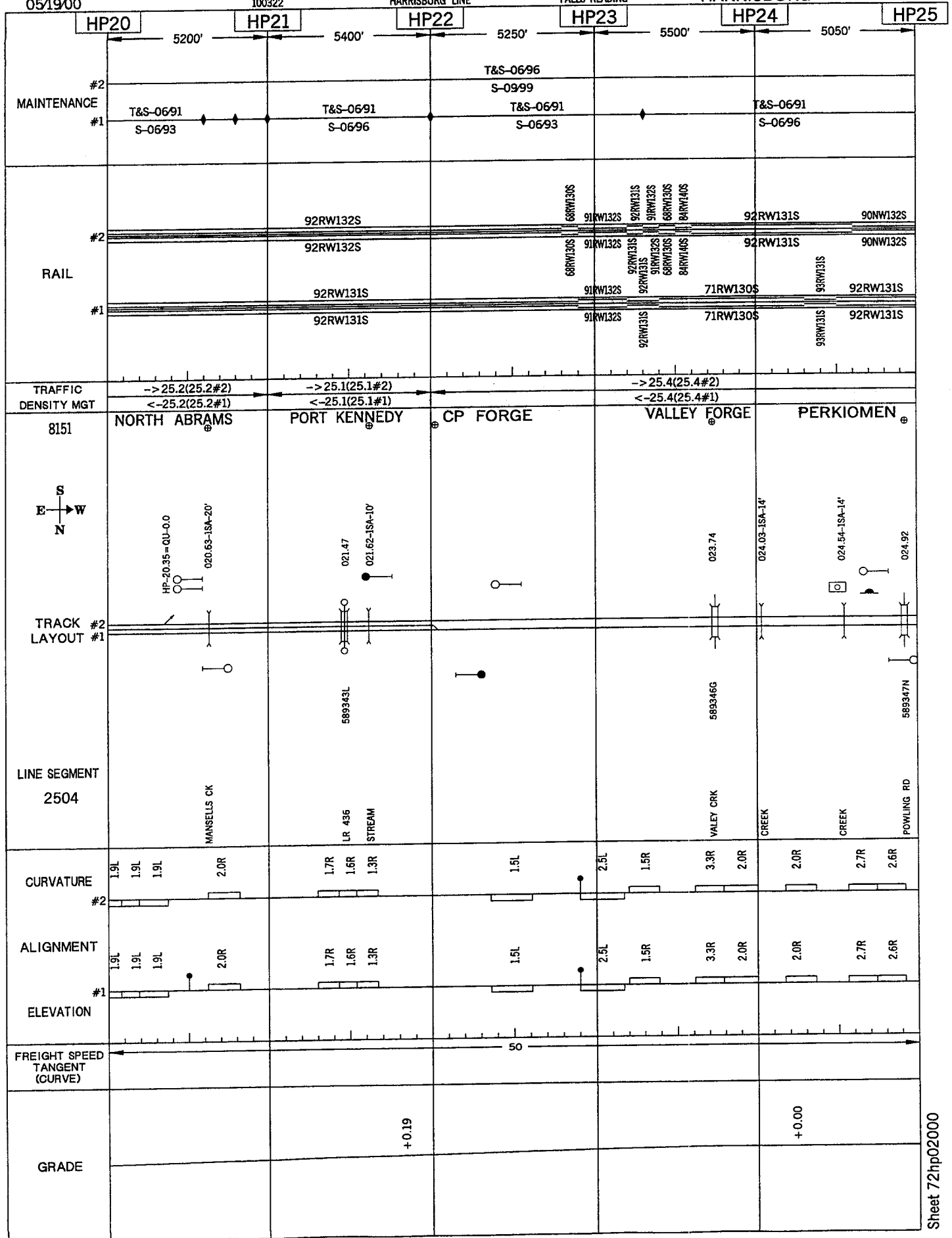
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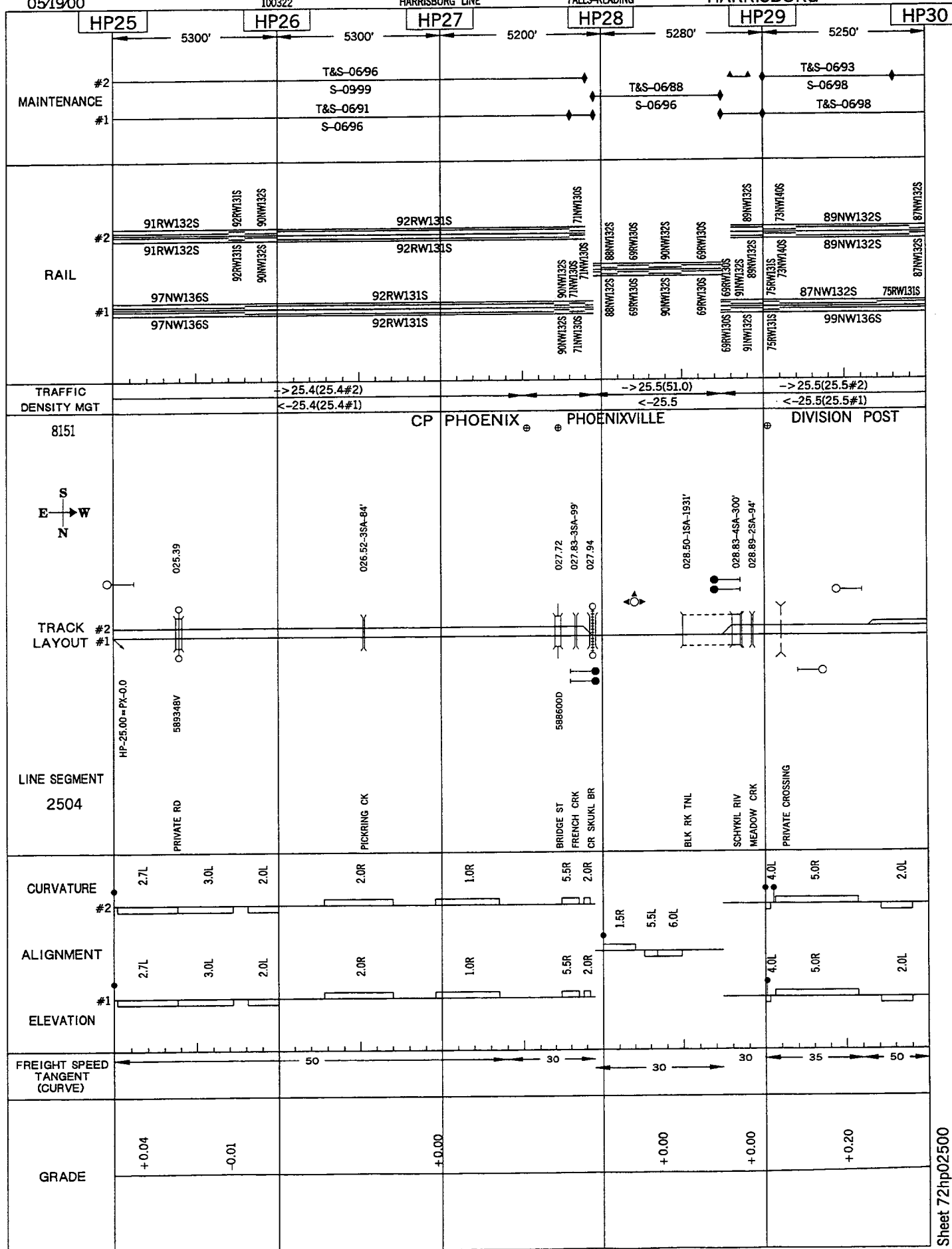
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FALLS-READING

HARRISBURG

HP30



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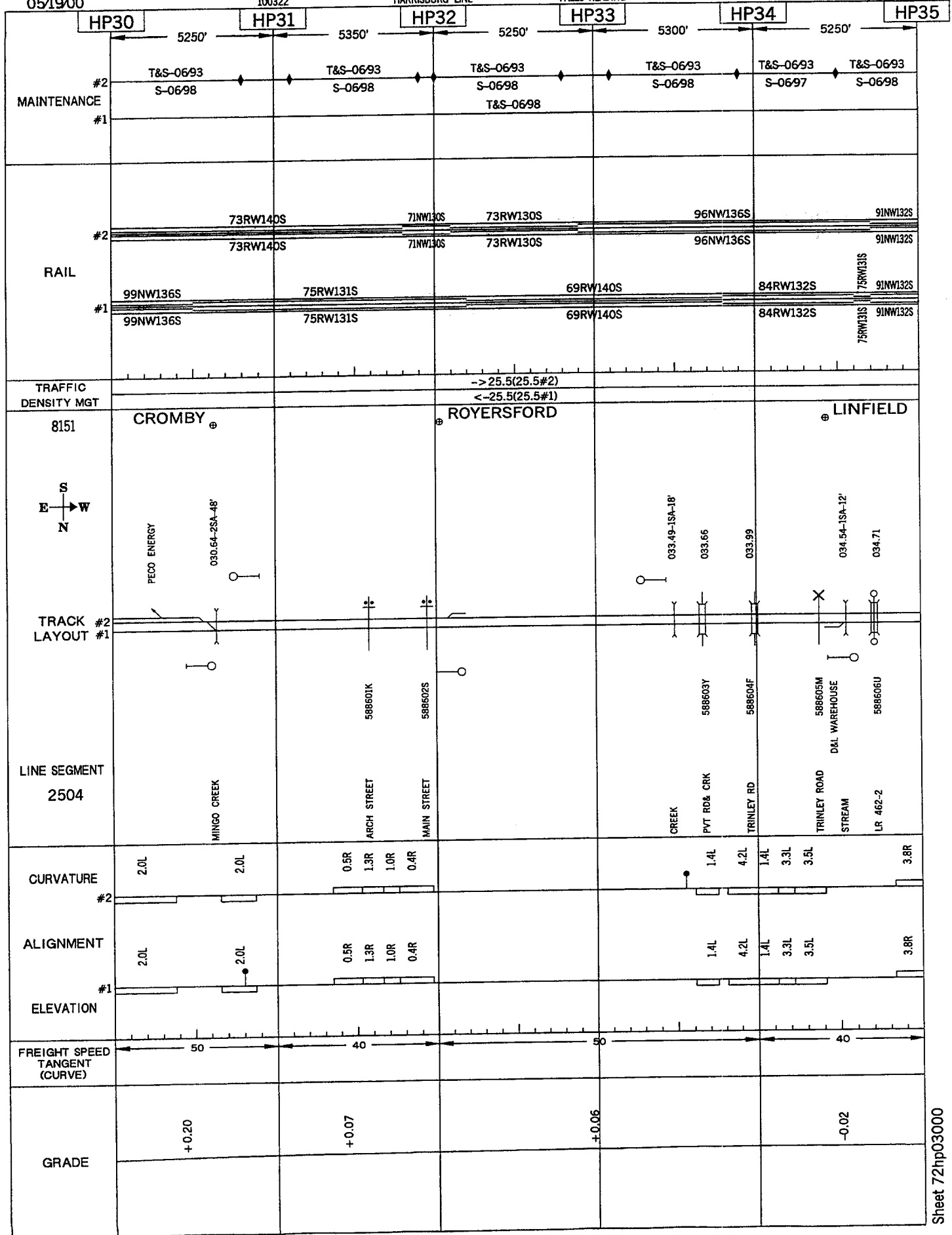
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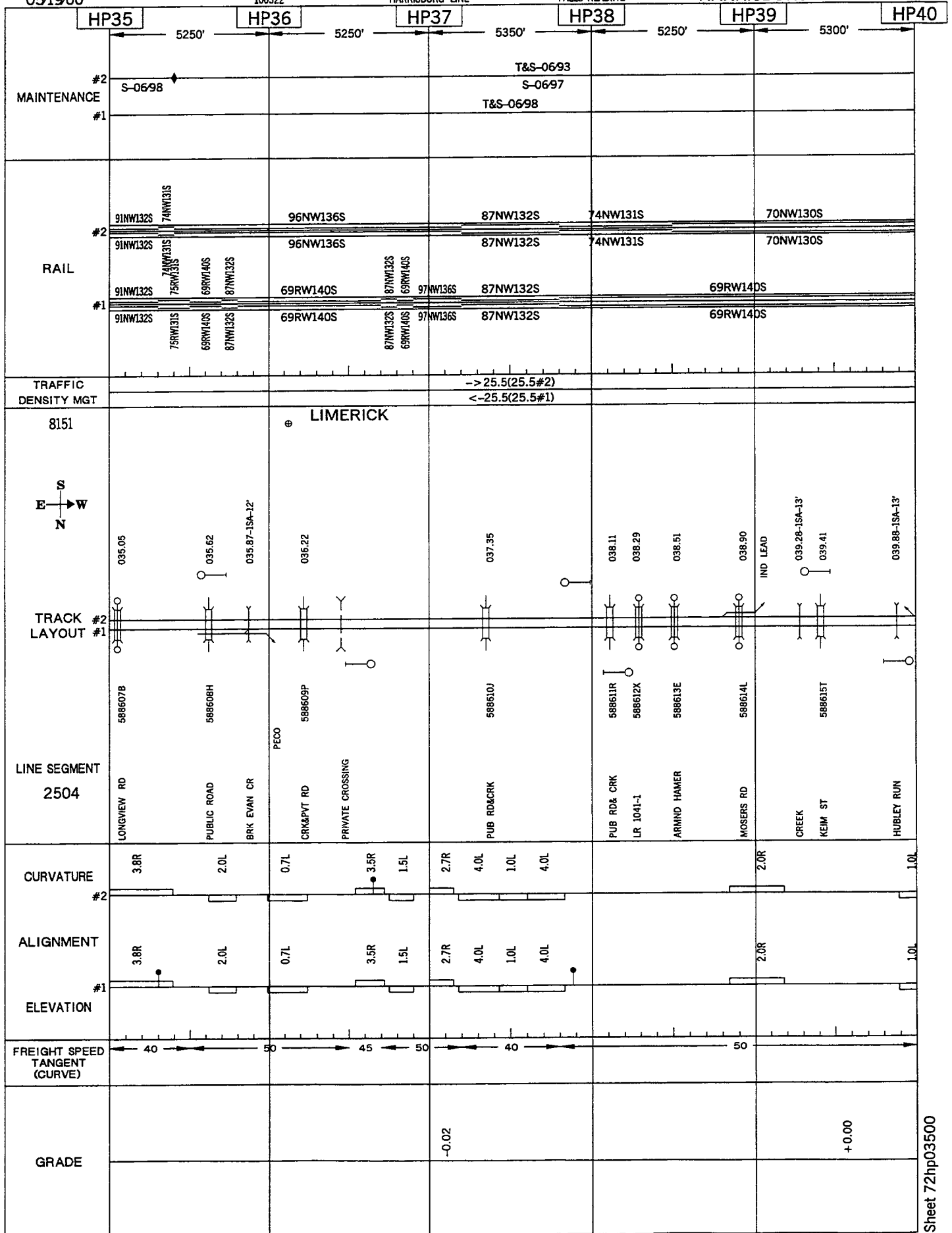
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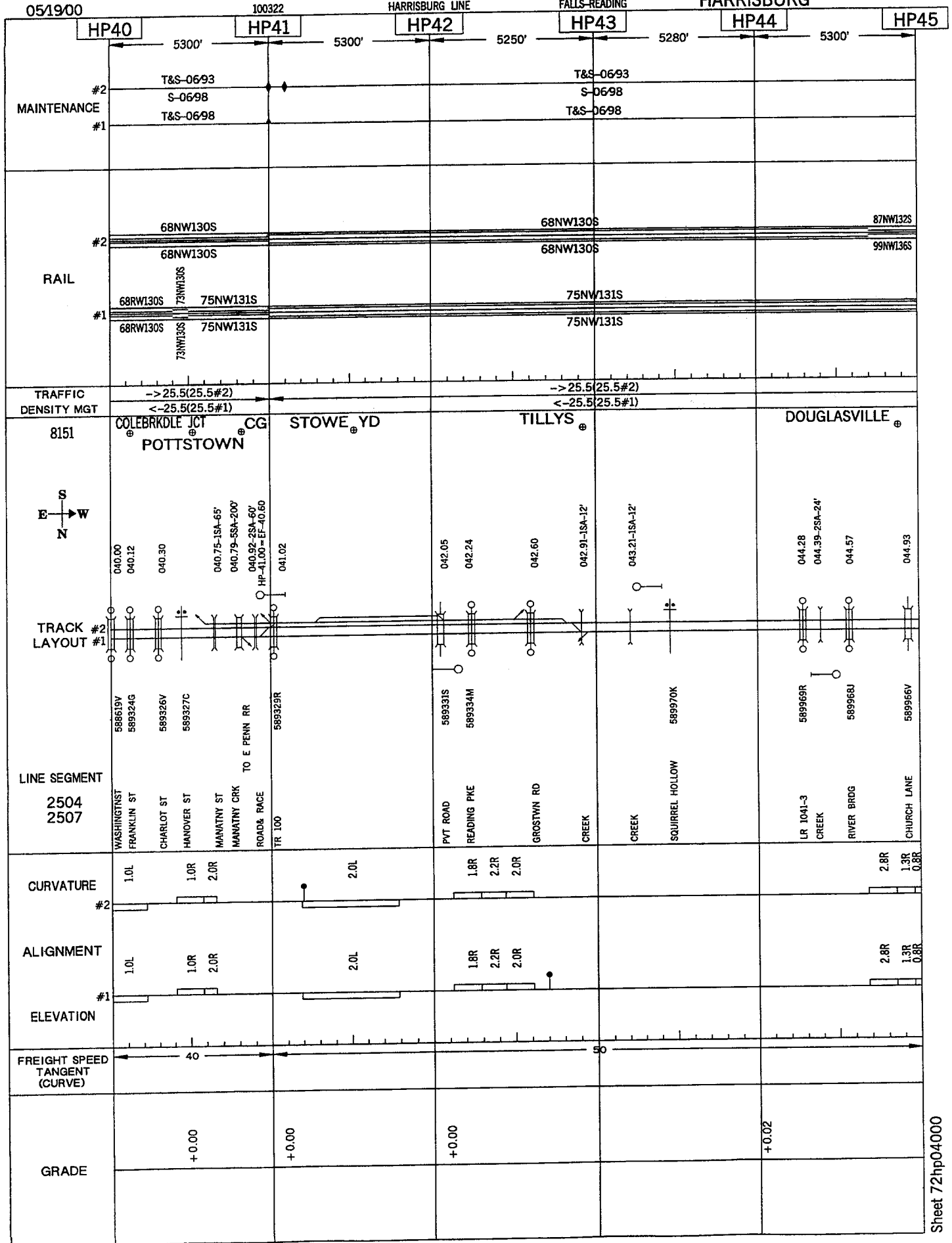
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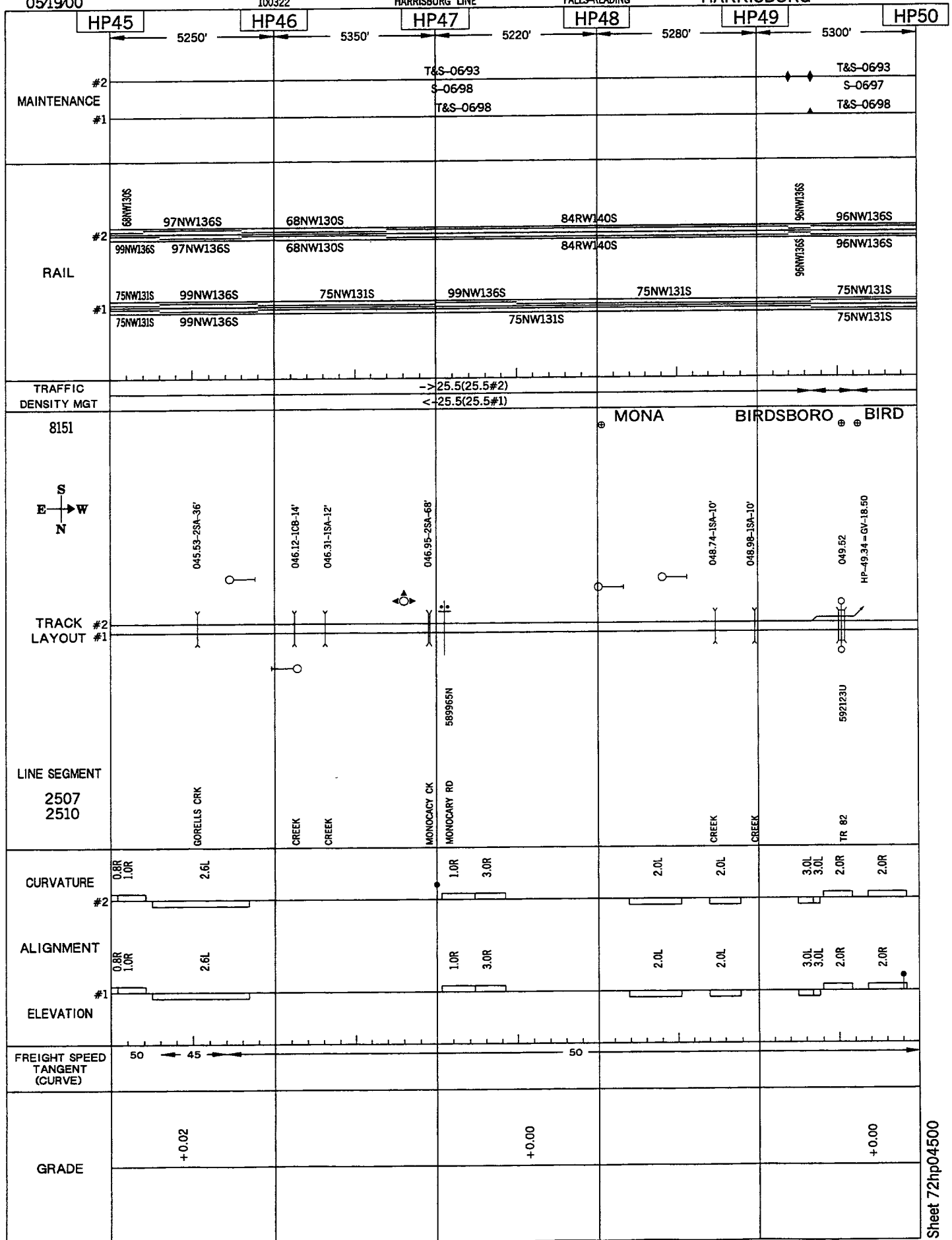
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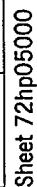
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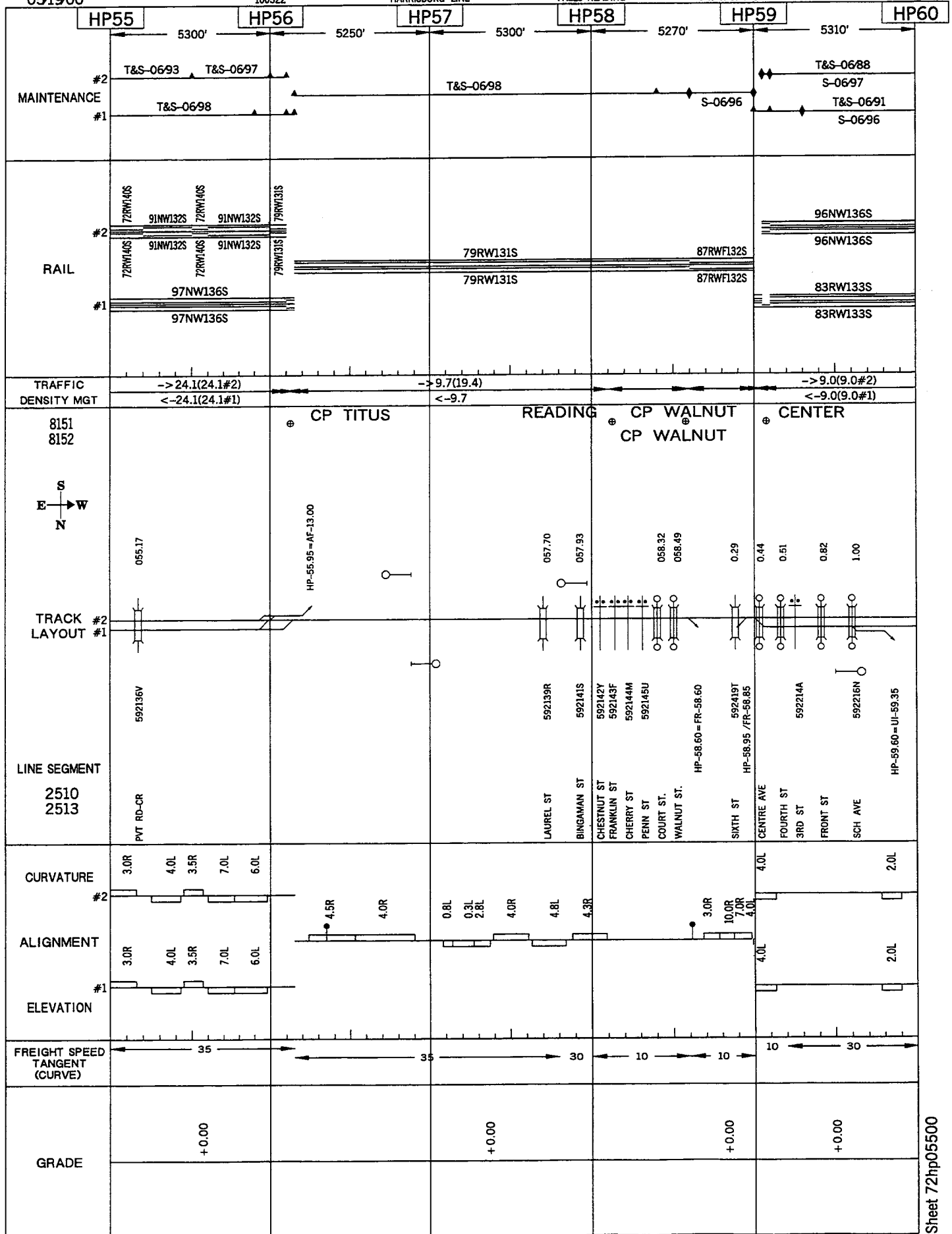
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FALLS-READING

HARRISBURG



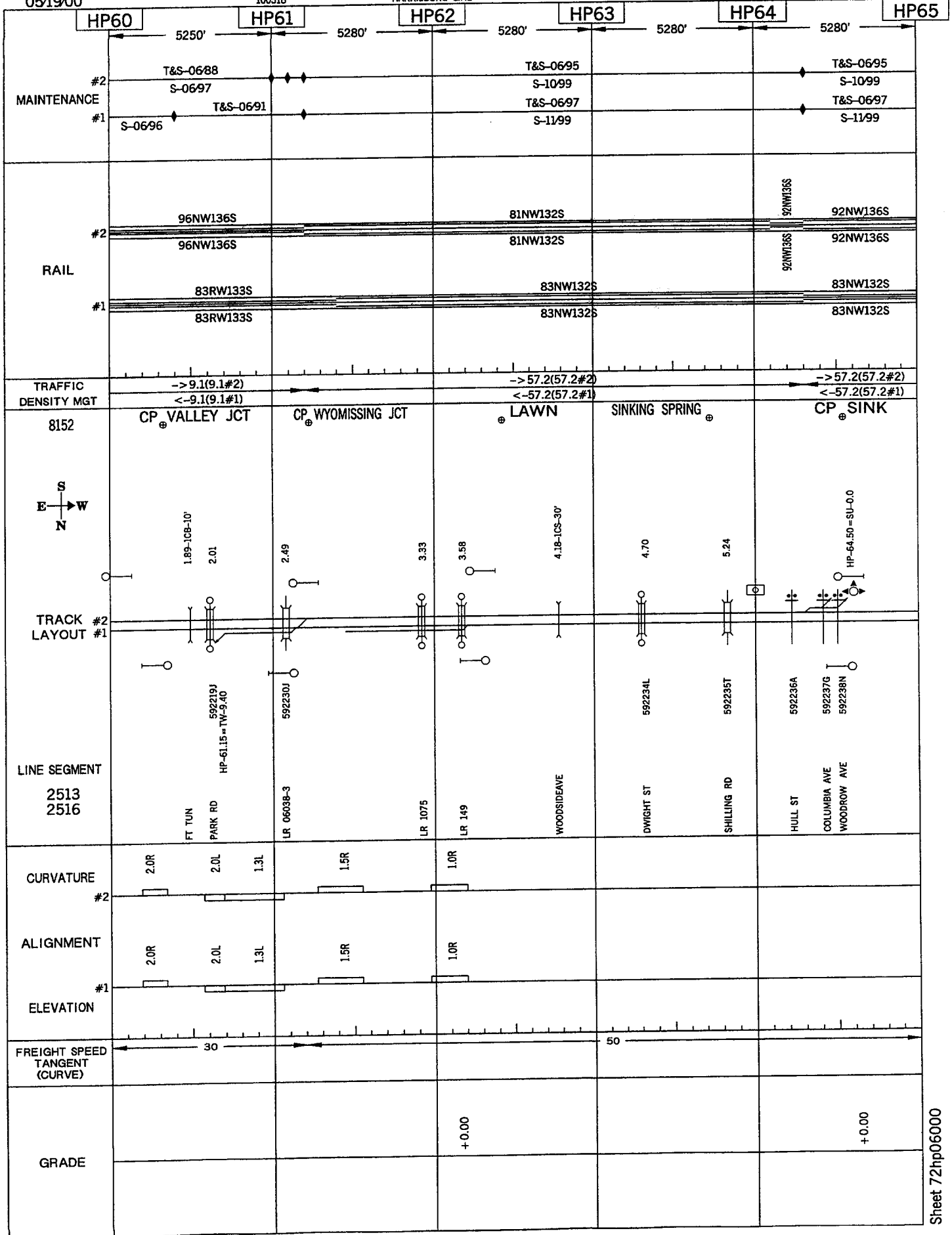
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HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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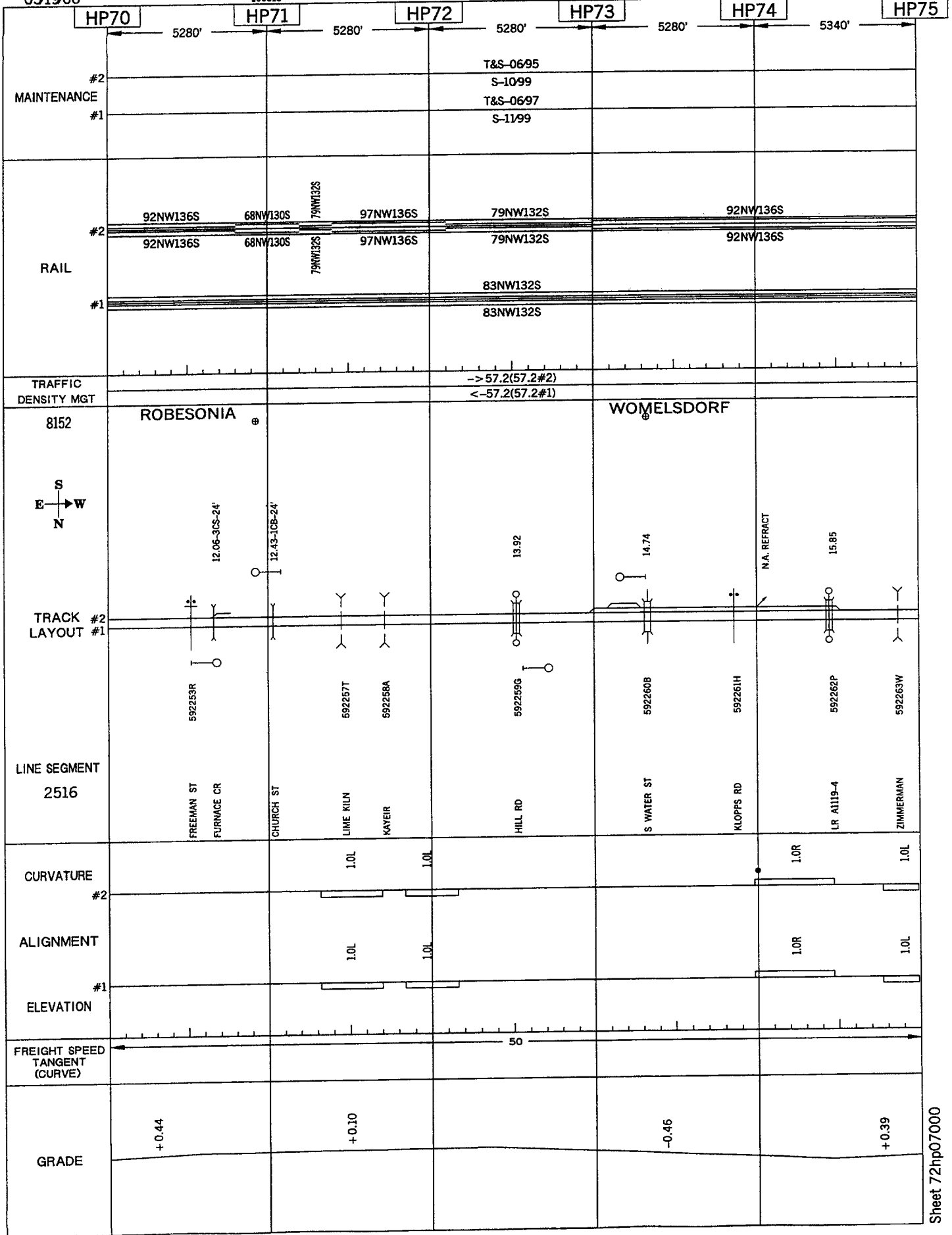
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HARRISBURG



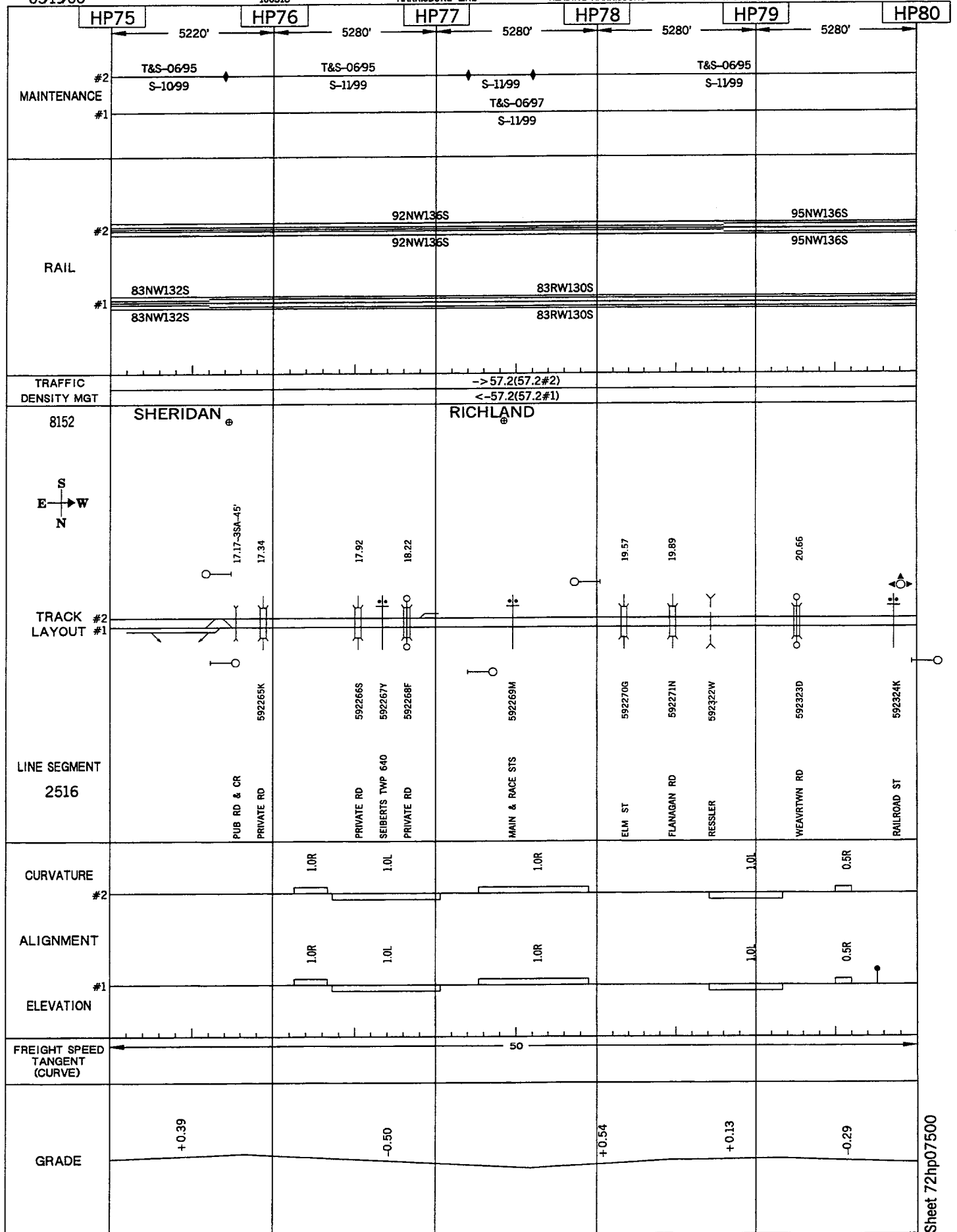
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READING-HARRISBURG

HARRISBURG



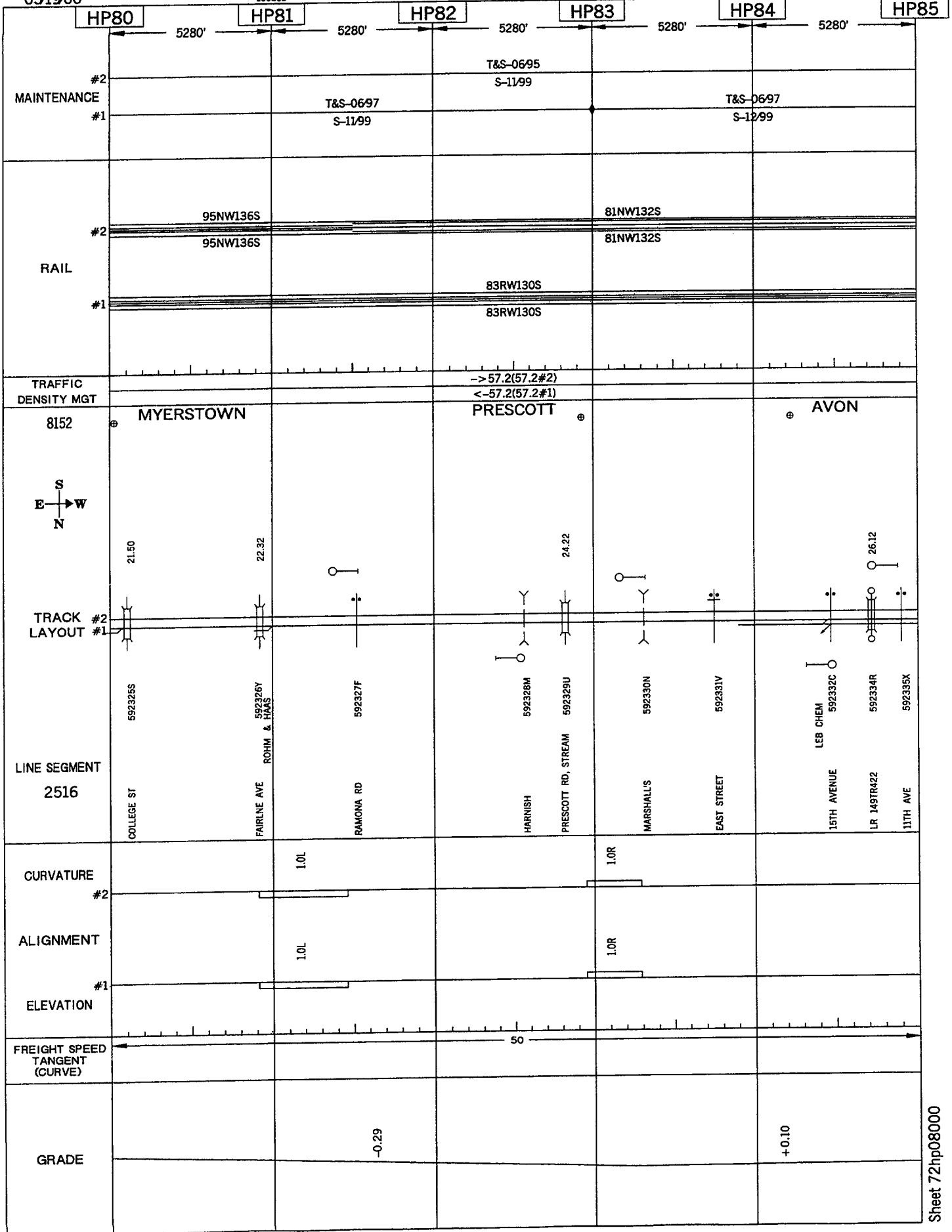
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HARRISBURG



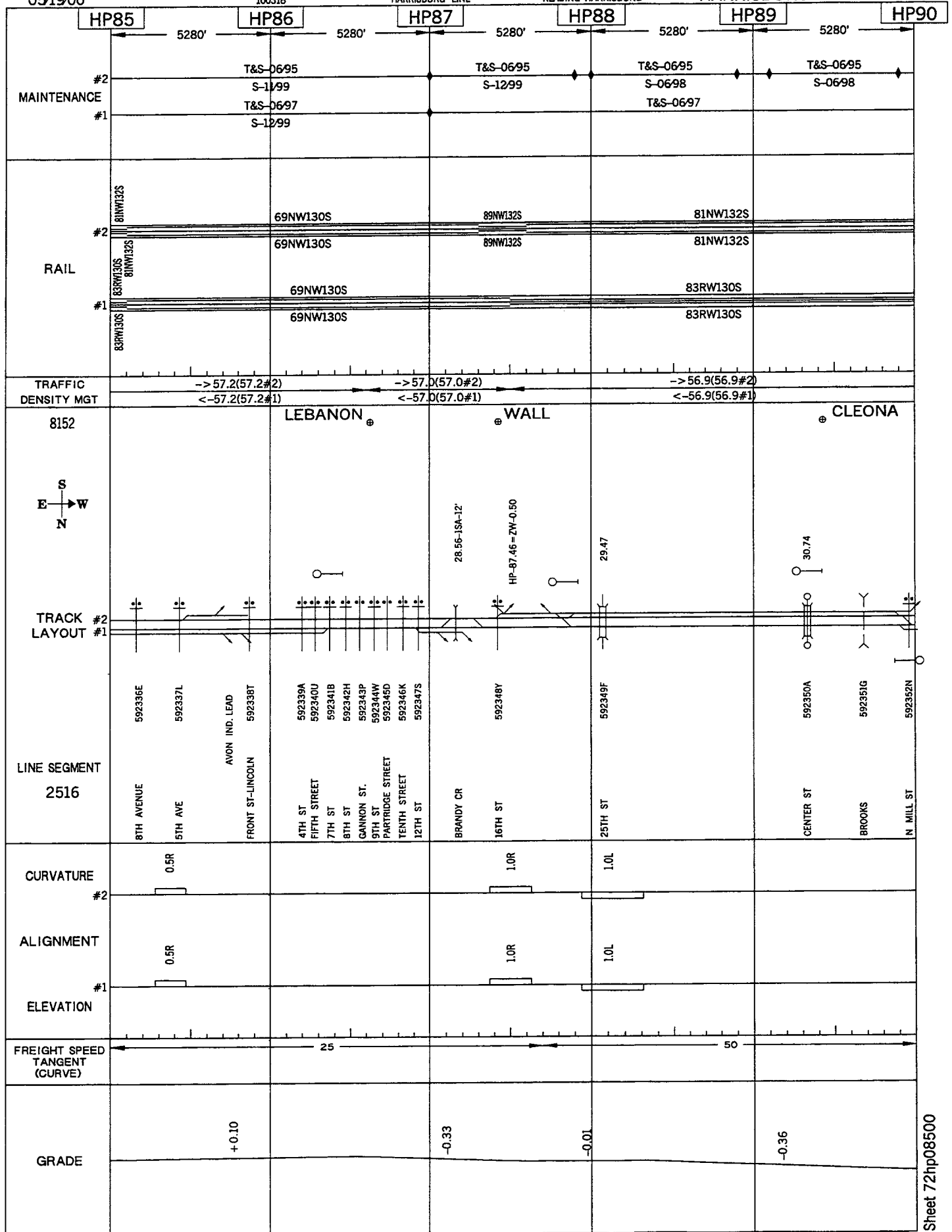
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READING-HARRISBURG

HARRISBURG



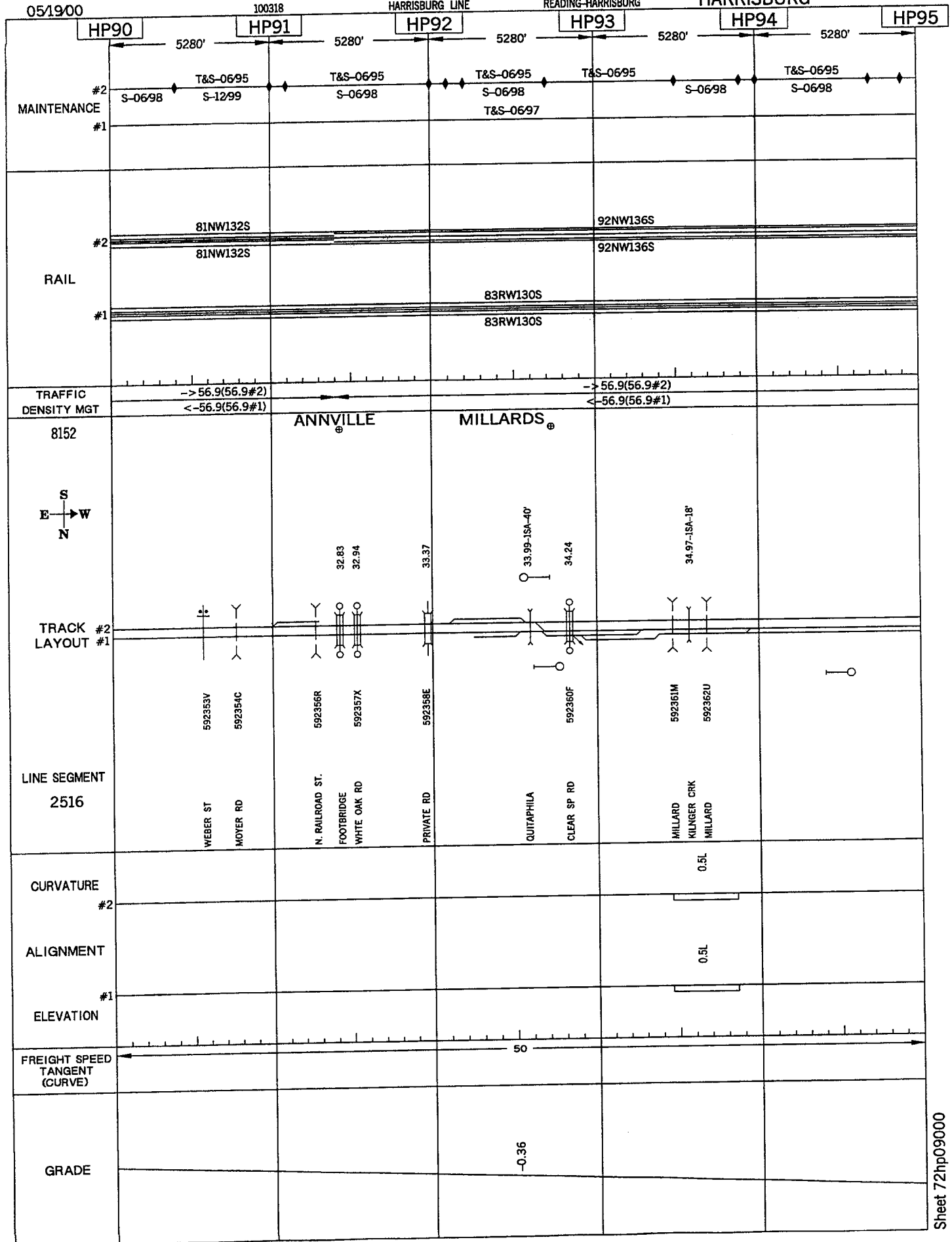
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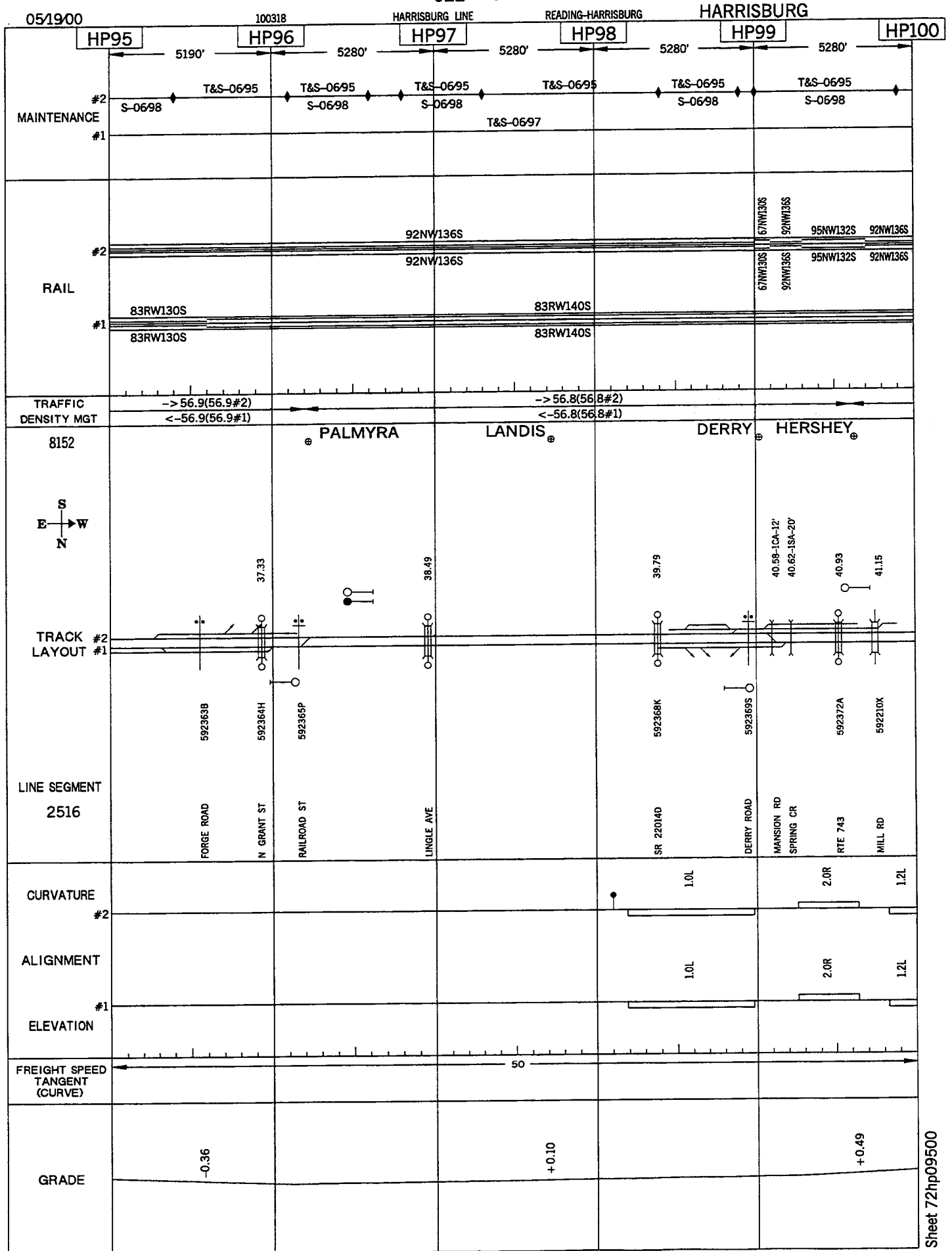
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READING-HARRISBURG

HARRISBURG





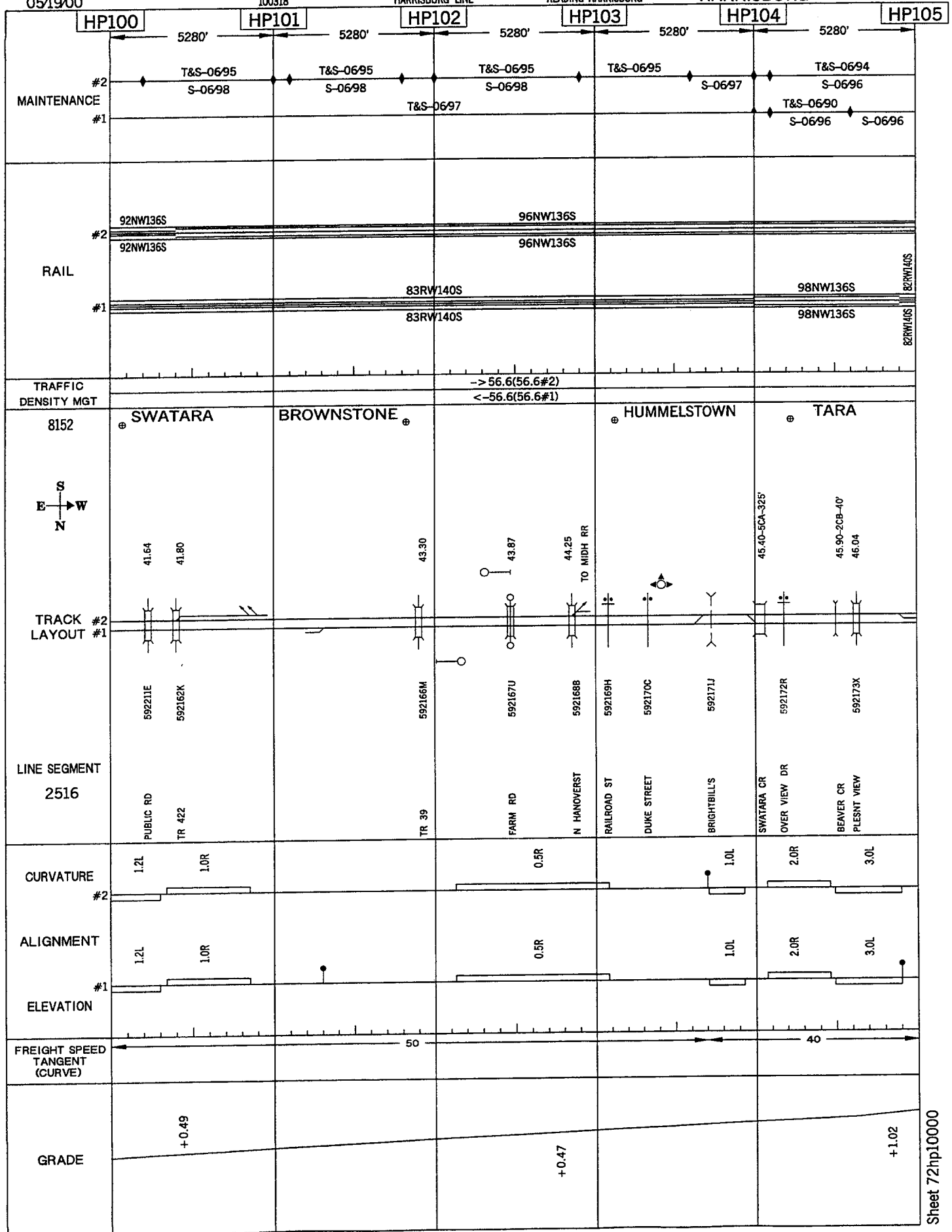
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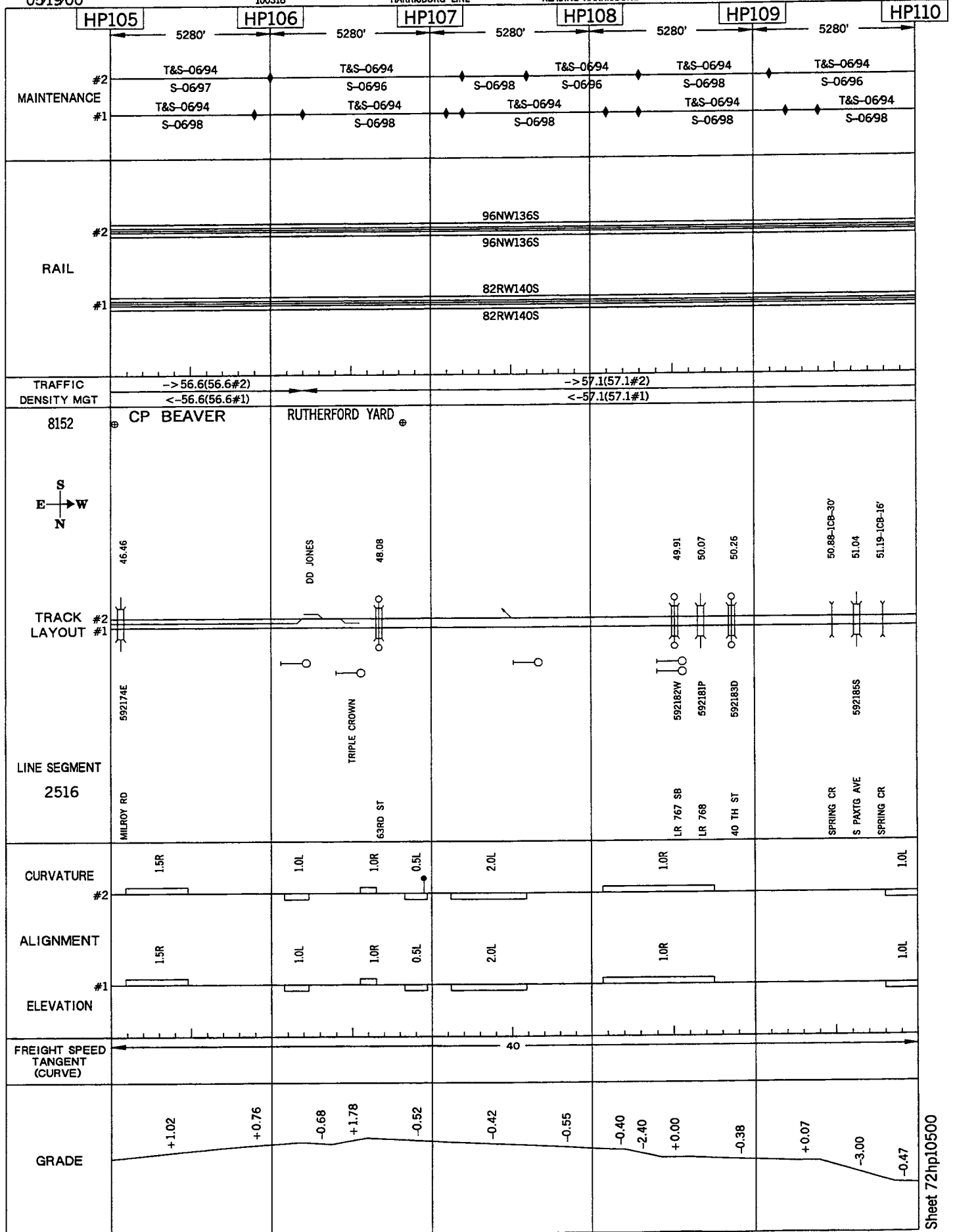
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READING-HARRISBURG

HARRISBURG



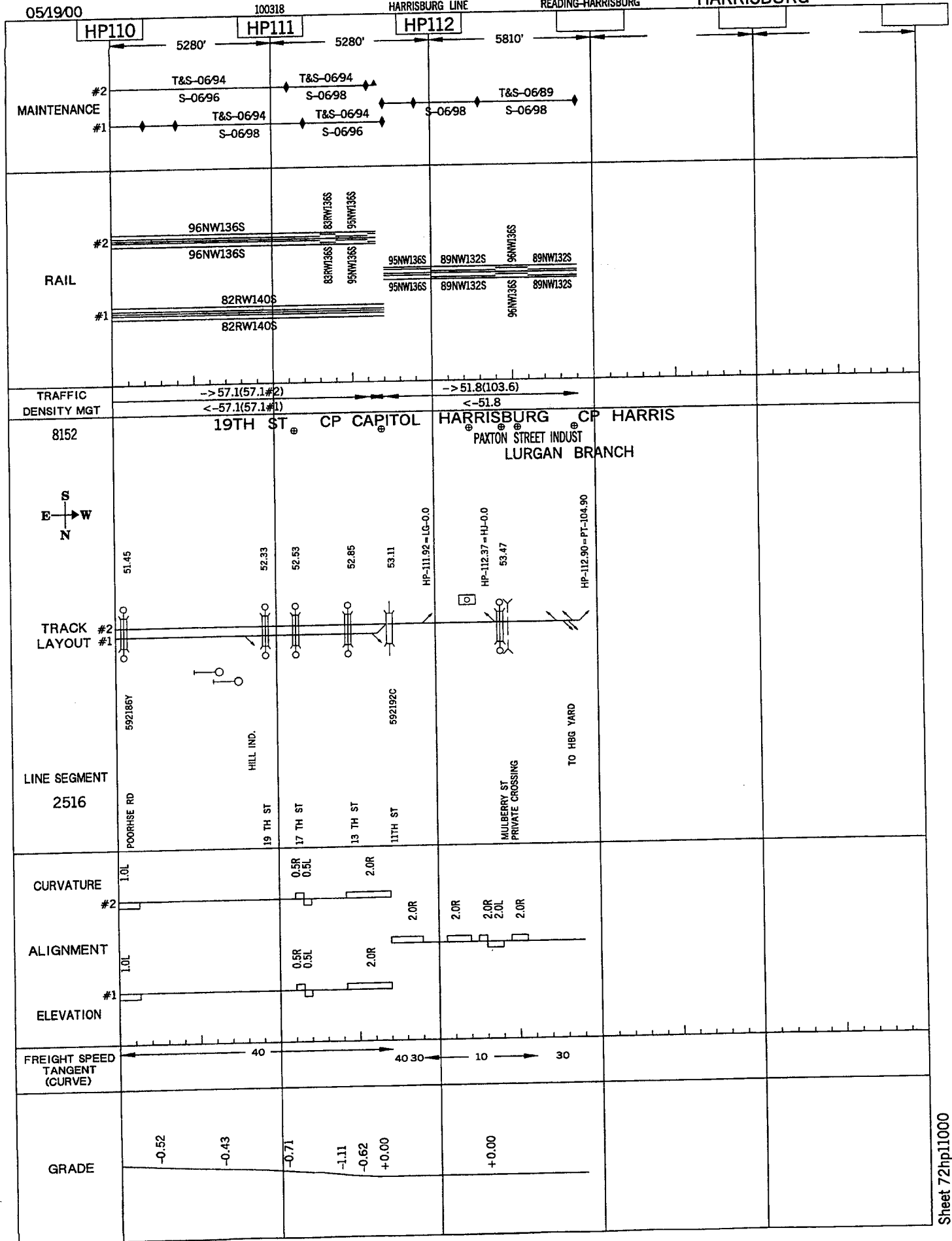
05/19/00

100318

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



05/1900

100360

READING LINE

CP TULP-WYOMISSING JCT

HARRISBURG

TW9

3280'

1536'

MAINTENANCE

T&S-D693
S-0598

RAIL

95NW136S 97NW136S
95NW136S 97NW136STRAFFIC
DENSITY MGT-> 35.4(70.8)
<- 35.4

8125

S
E—W
NTRACK
LAYOUTCP TULP
CP VALLEY JCT

CP WYOMISSING JCT

TW-8.55AF-8.60
0.46

TW-8.40=AF-8.15

TW-9.40=HP-61.15

PARK ROAD

LINE SEGMENT
2150

CURVATURE

ALIGNMENT

ELEVATION

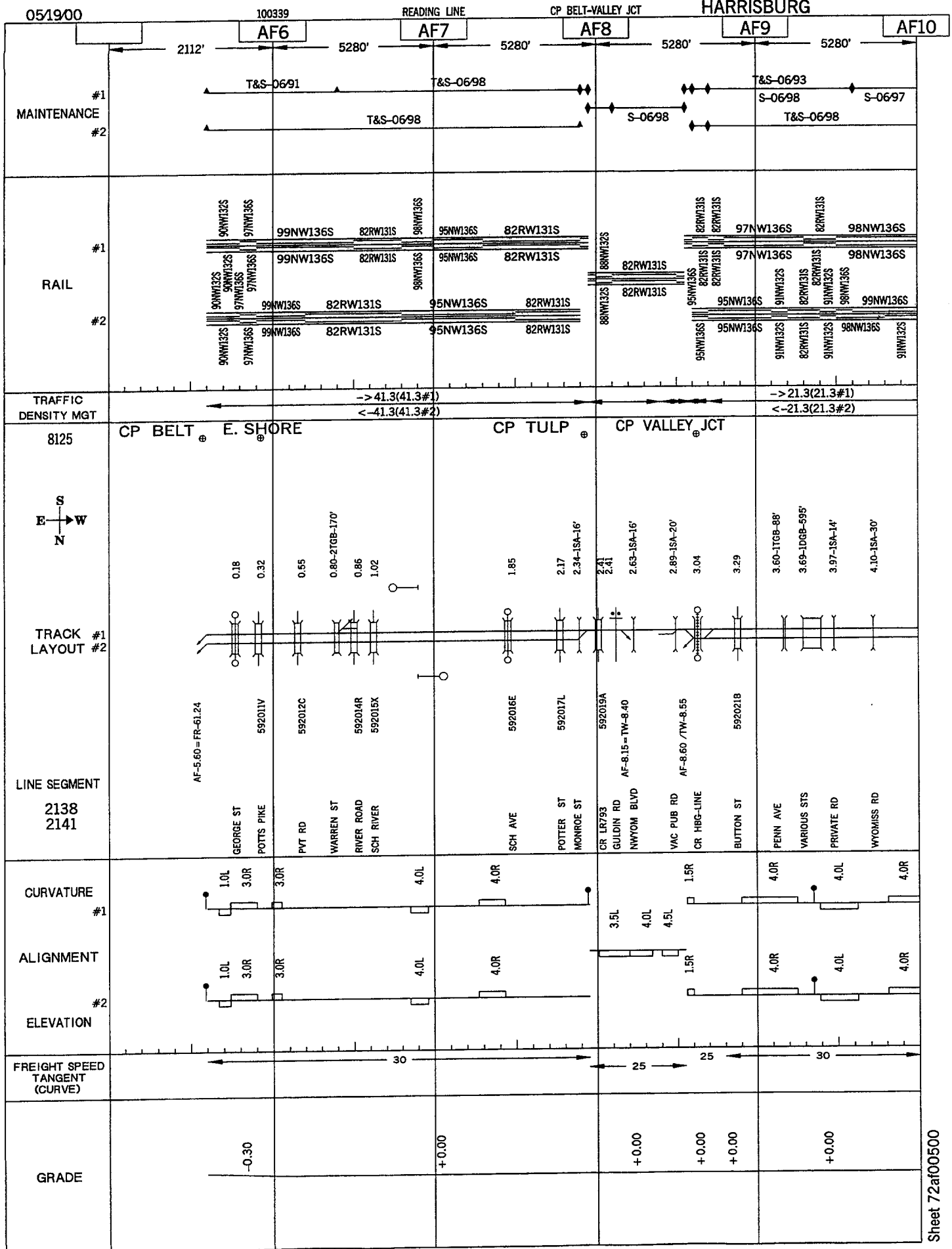
4.0L 10.0R 1.5R 1.5L 2.0L

FREIGHT SPEED
TANGENT
(CURVE)

25

GRADE

+0.91





029

051900

100352

HARRISBURG LINE

CP CUMRU-BIRDSBORO

HARRISBURG

GV12

GV13

GV14

GV15

926'

5280'

5280'

5280'

MAINTENANCE

T&S-0697

RAIL

82RW131S

91NW132S

82RW131S

82RW131S

91NW132S

82RW131S

TRAFFIC
DENSITY MGT

-> 2.2(4.4)

<- 2.2

8130

CP CUMRU[®]GIBRALTAR[®]N
W → E
STRACK
LAYOUTLINE SEGMENT
2324

GV-11.70-AF-11.70

TR 83 LRI47

SCH RIVER RD

LR 1011

FMR RDG IND

PRIVATE CROSSING

RTE 724

FARM ROAD

H CLAUSER

SEYFERT DRIVE

LT ALLGHENY

BOONTOWN ROAD

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

30

GRADE

+0.24

-0.30

-0.10

030

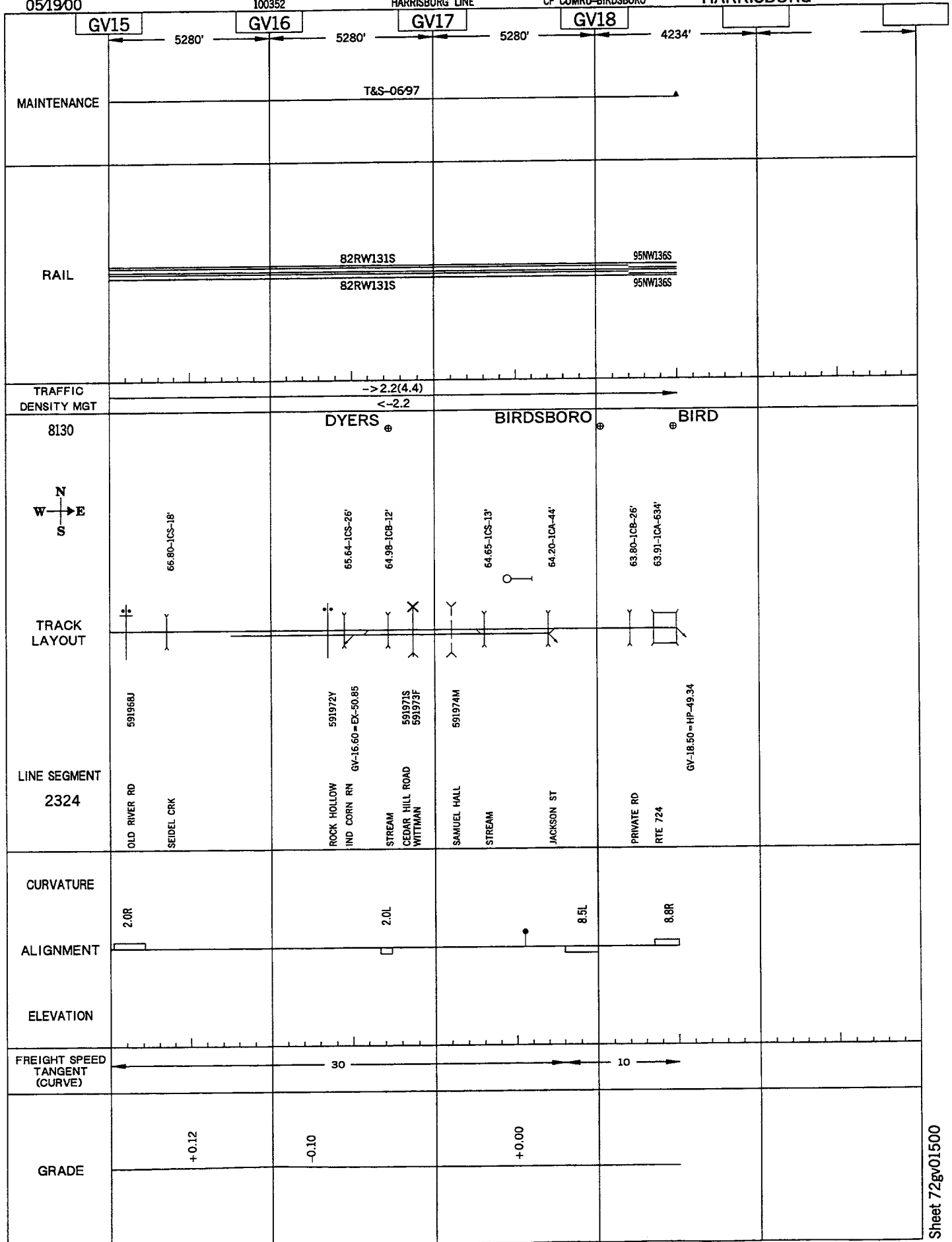
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100352

HARRISBURG LINE

CP CUMRU-BIRDSBORO

HARRISBURG



031

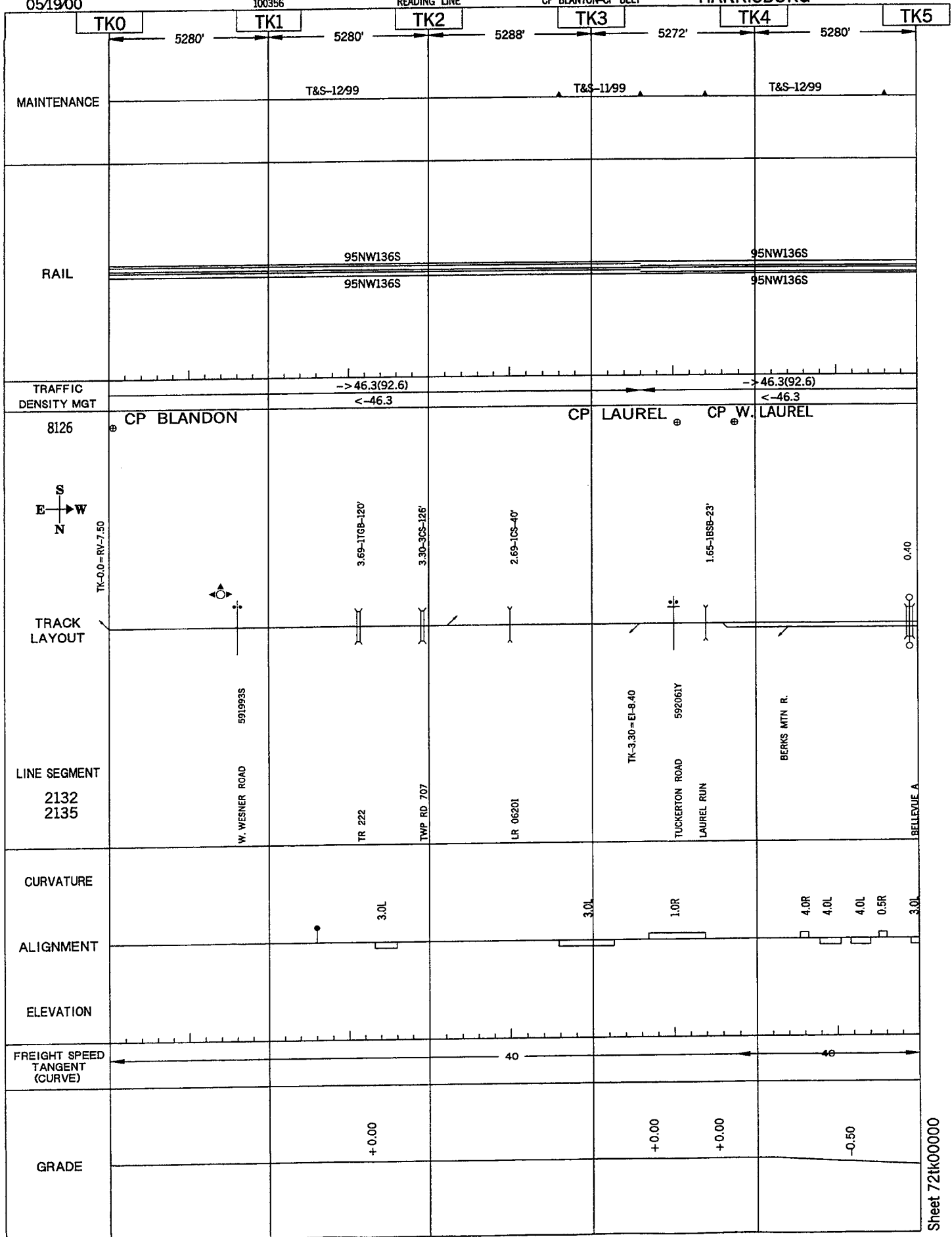
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100356

READING LINE

CP BLANTON-CP BELT

HARRISBURG



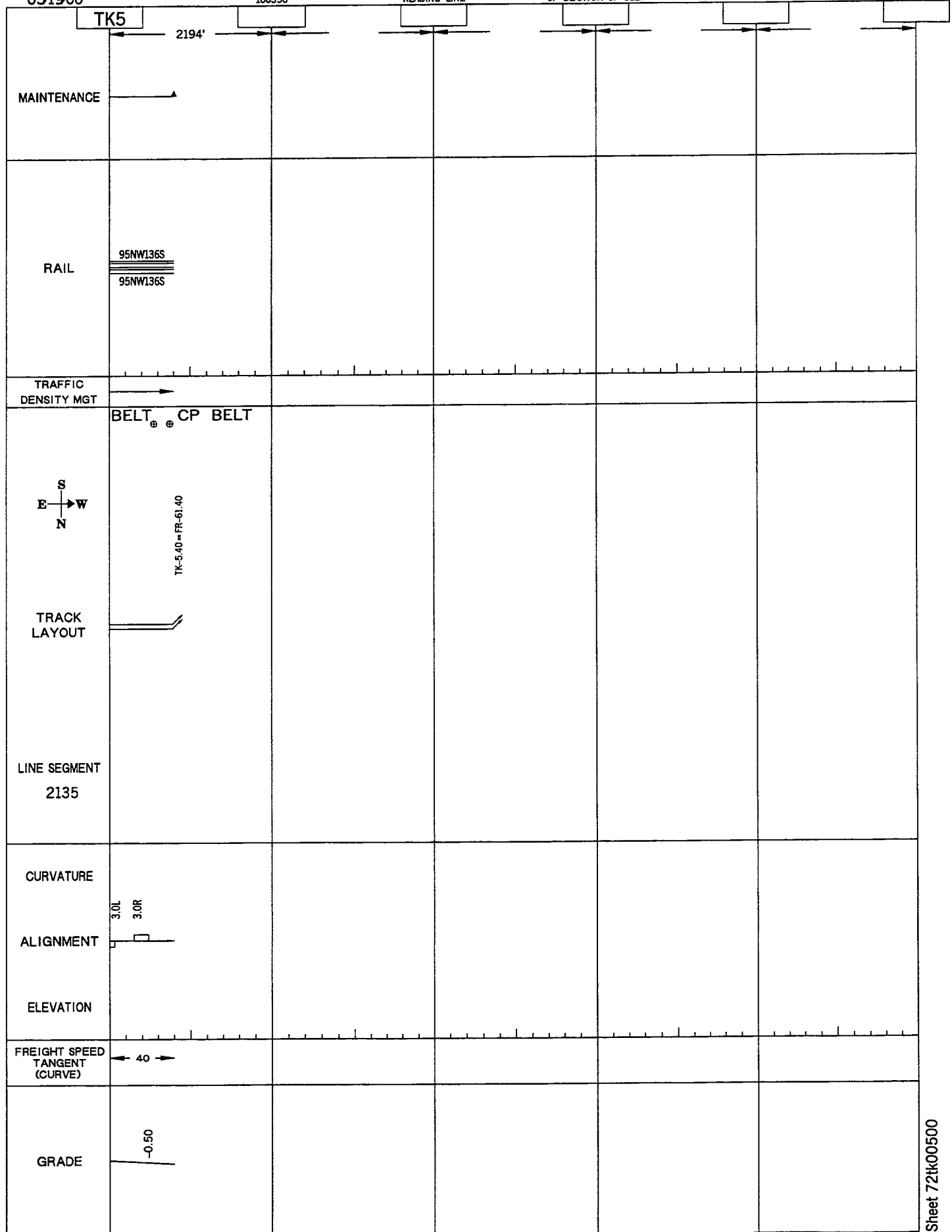
05/1900

100356

READING LINE

CP BLANTON-CP BELT

HARRISBURG



033

05/19/00

100312

READING LINE

CP BLANTON-ALLEN TOWN

HARRISBURG

RV8

RV9

RV10

2640'

5280'

4780'

#2
MAINTENANCE
#1

T&S-0692

S-0697

T&S-0698

#2
RAIL
#148N140S
55N140S
48N140S
55N140S

82NW132S

82NW132S

85RW132S

85RW132S

TRAFFIC
DENSITY MGT

→ 76.9(76.9#2)

← 76.9(76.9#1)

CP BLANDON BLANDON

8109

N
W → E
STRACK #2
LAYOUT #1LINE SEGMENT
2144

RV-7.50 = TK-0.0

007.93-1CS-11'

AGWAY

009.06-2CS-26'

592437R

592438X

592439E

592440Y

592441F

592442M

592443U

MAIN ST

WESNER RD
CREEK

GULDIN RD

STRAUSSERS

WILLOW CR

HILL RD

KELLER RD

WALNUTTOWN RD

CURVATURE
#2

1.5R

1.2R

ALIGNMENT

1.5R

1.2R

#1
ELEVATIONFREIGHT SPEED
TANGENT
(CURVE)

30

50

GRADE

+0.50

+0.00

+0.06

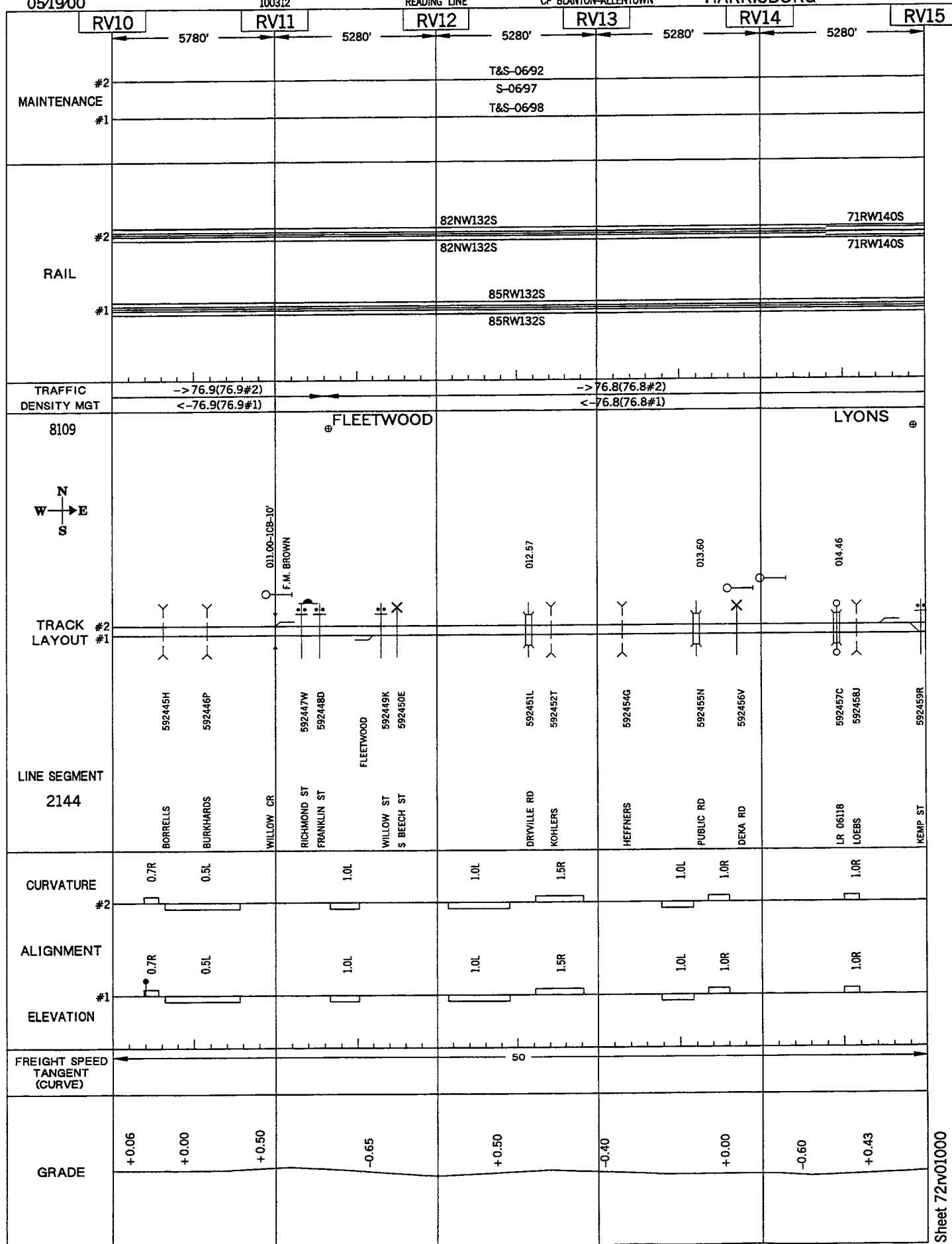
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READING LINE

CP BLANTON-ALLENTOWN

HARRISBURG



Sheet 72r01500

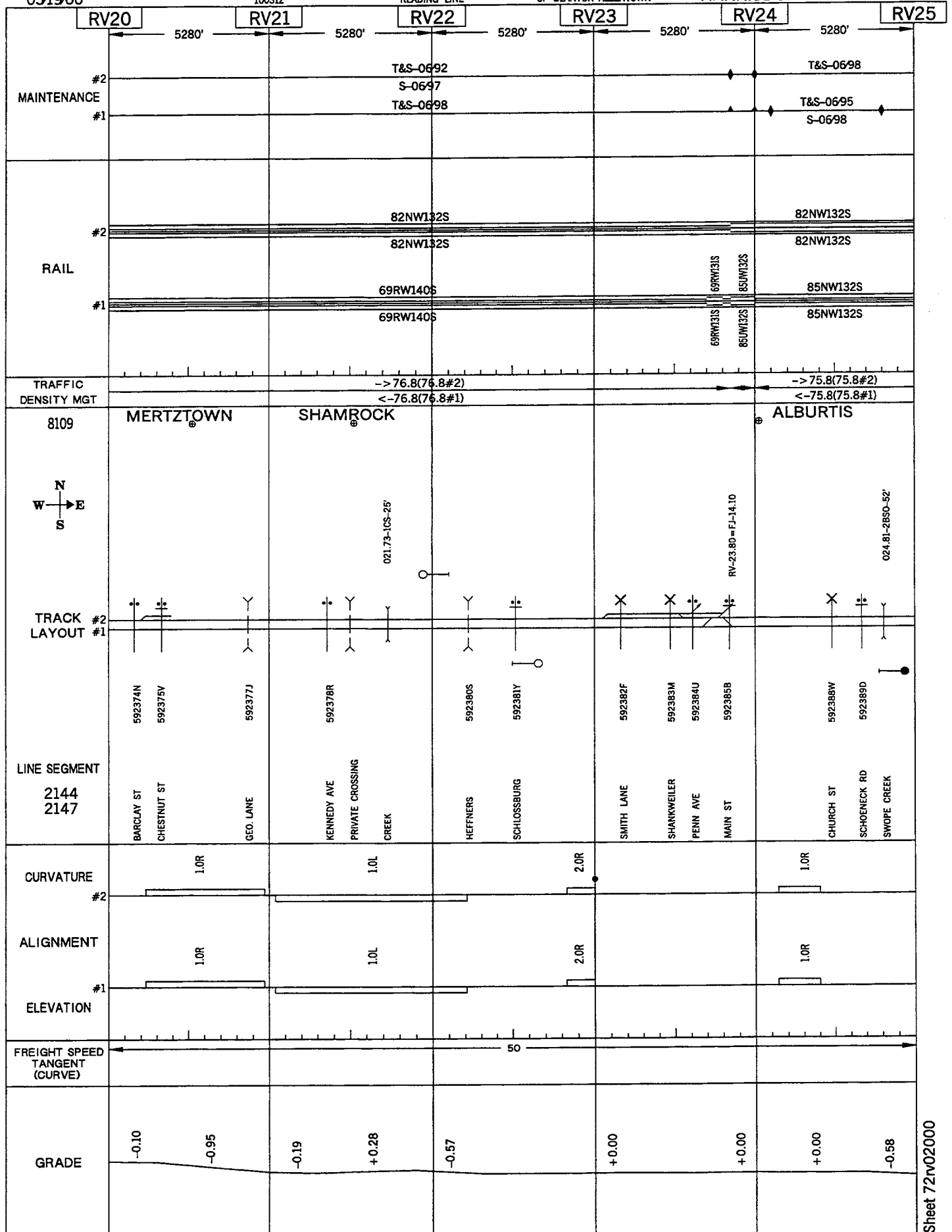
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READING LINE

CP BLANTON-ALLENTOWN

HARRISBURG



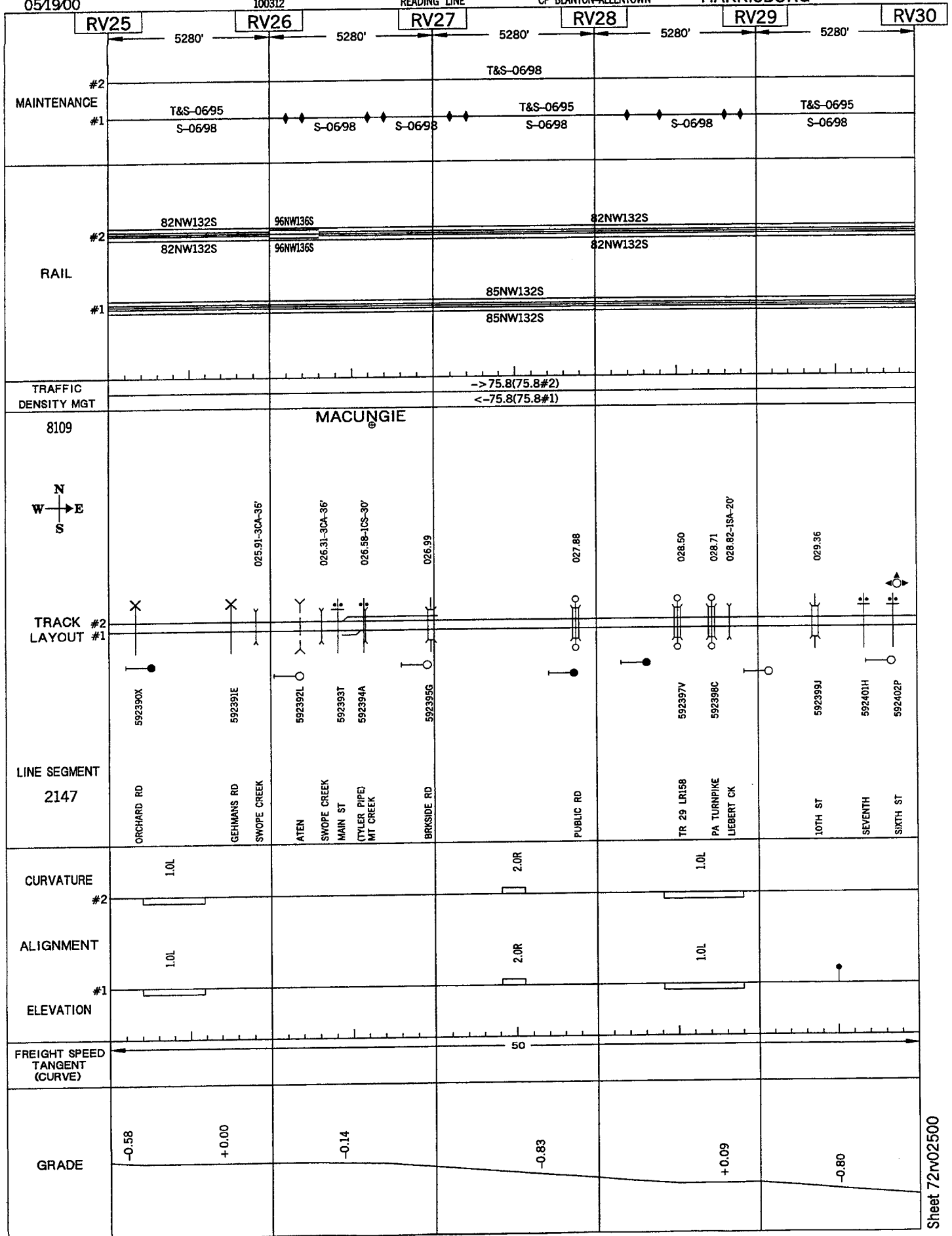
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READING LINE

CP BLANTON-ALLENTOWN

HARRISBURG



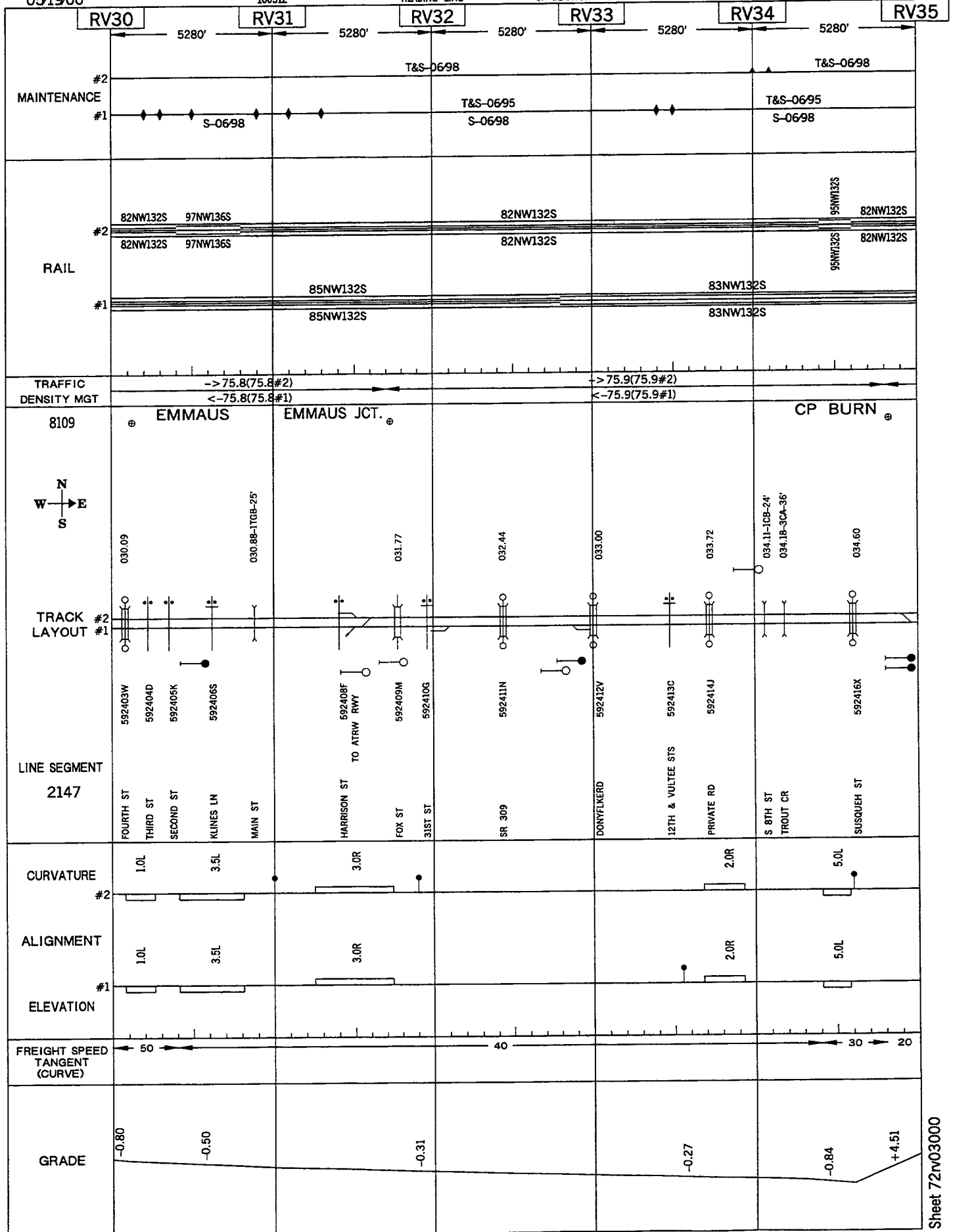
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READING LINE

CP BLANTON-ALLETOWN

HARRISBURG



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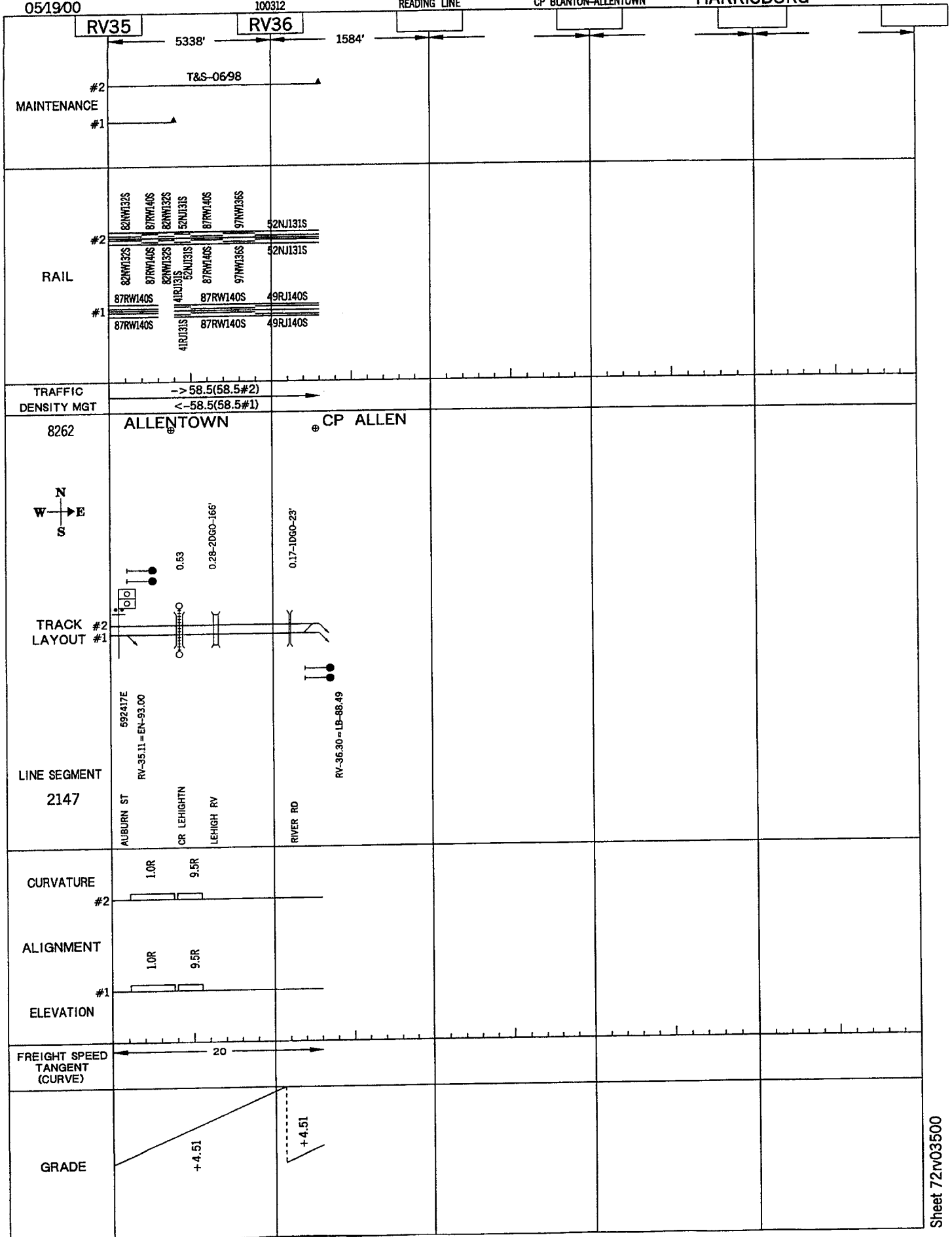
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039

READING LINE

CP BLANTON-ALLENTOWN

HARRISBURG



040

051900

100501

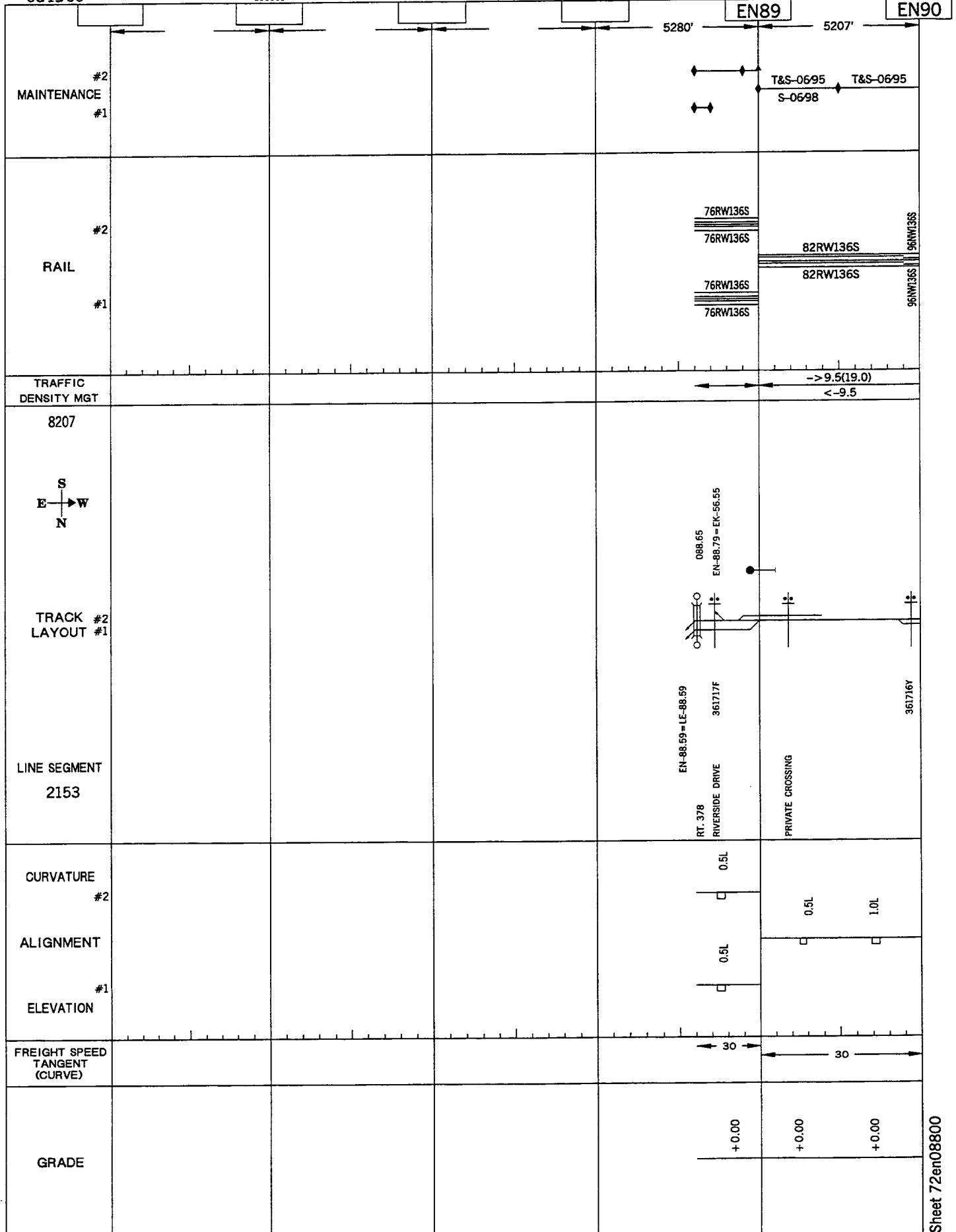
READING LINE

BETHLEHAM-CP BURN

HARRISBURG

EN89

EN90



05/1900

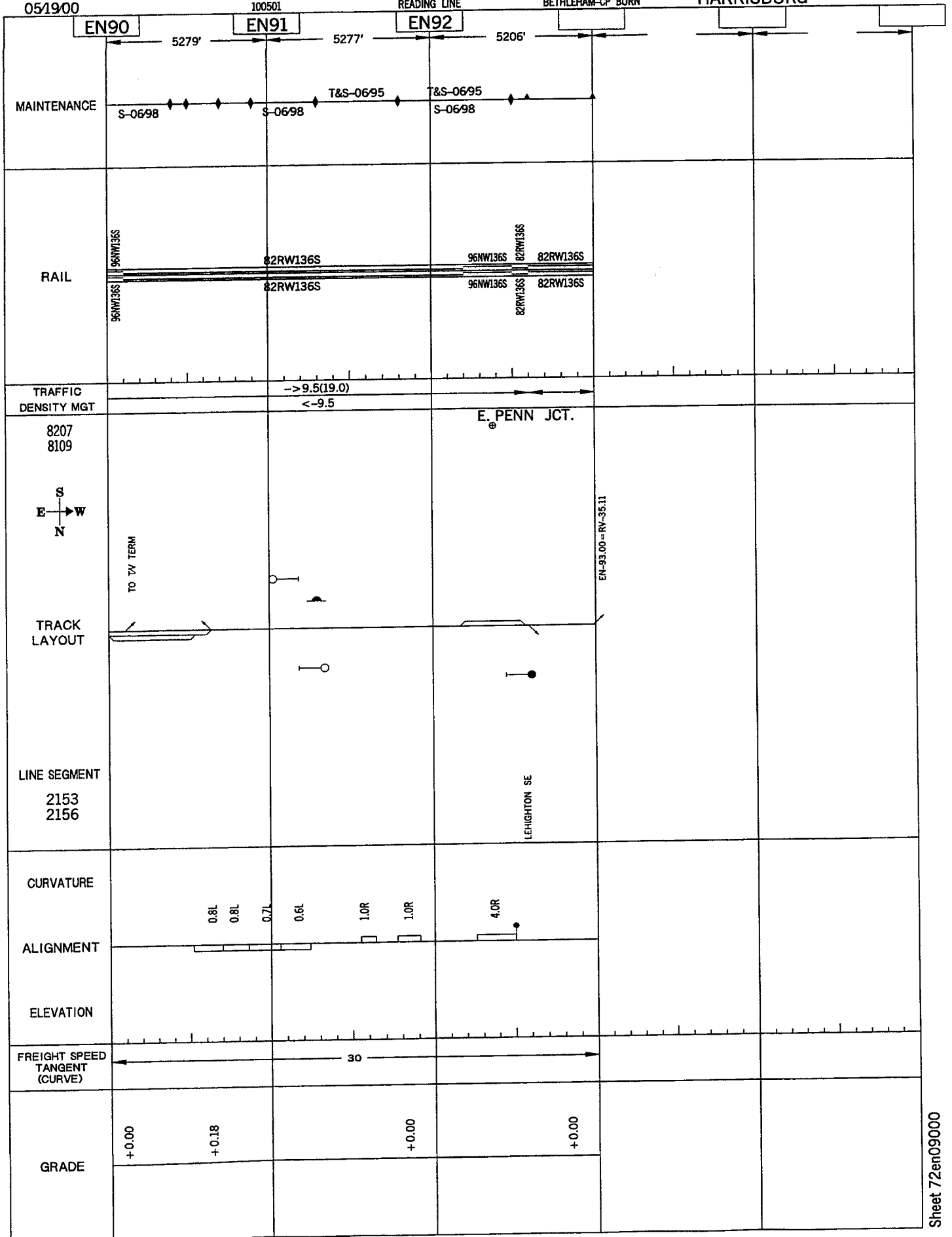
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041

READING LINE

BETHLEHAM-CP BURN

HARRISBURG



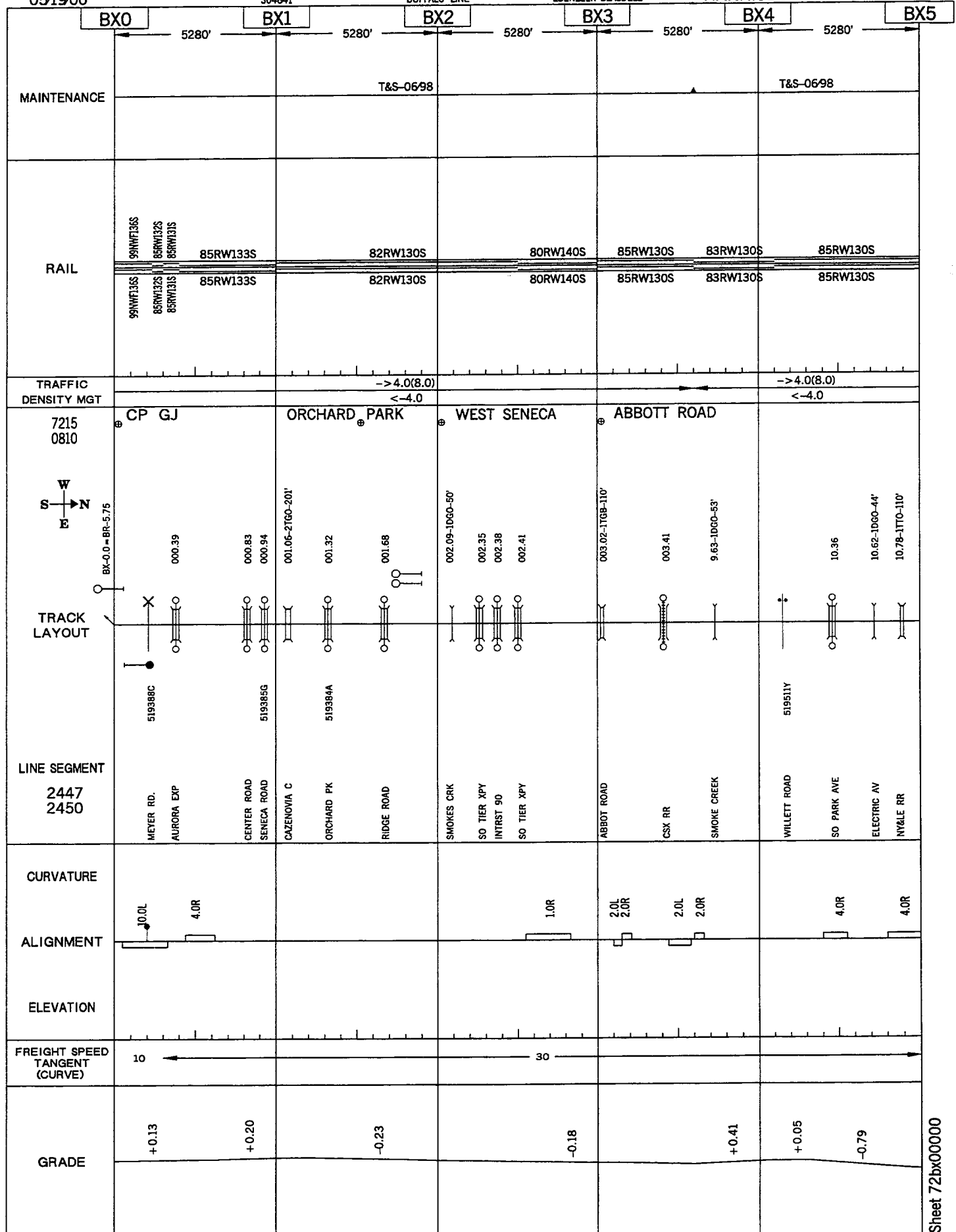
05/19/00

304841

BUFFALO LINE

EBENEZER-BLASDELL

HARRISBURG



051900

304853

043

BUFFALO LINE

EBENEZER-BLASDELL

HARRISBURG

BX5

5280'

MAINTENANCE

T&S-0698

RAIL

85RW130S 85RW127S
 85RW130S 85RW127S

TRAFFIC
DENSITY MGT

--> 4.0(8.0)
 <-4.0

BLASDELL
 CP 5

W
 S → N
 E

1110-11TB-161'

TO CSX

TRACK
LAYOUTLINE SEGMENT
2450

CR MAIN

CURVATURE

ALIGNMENT

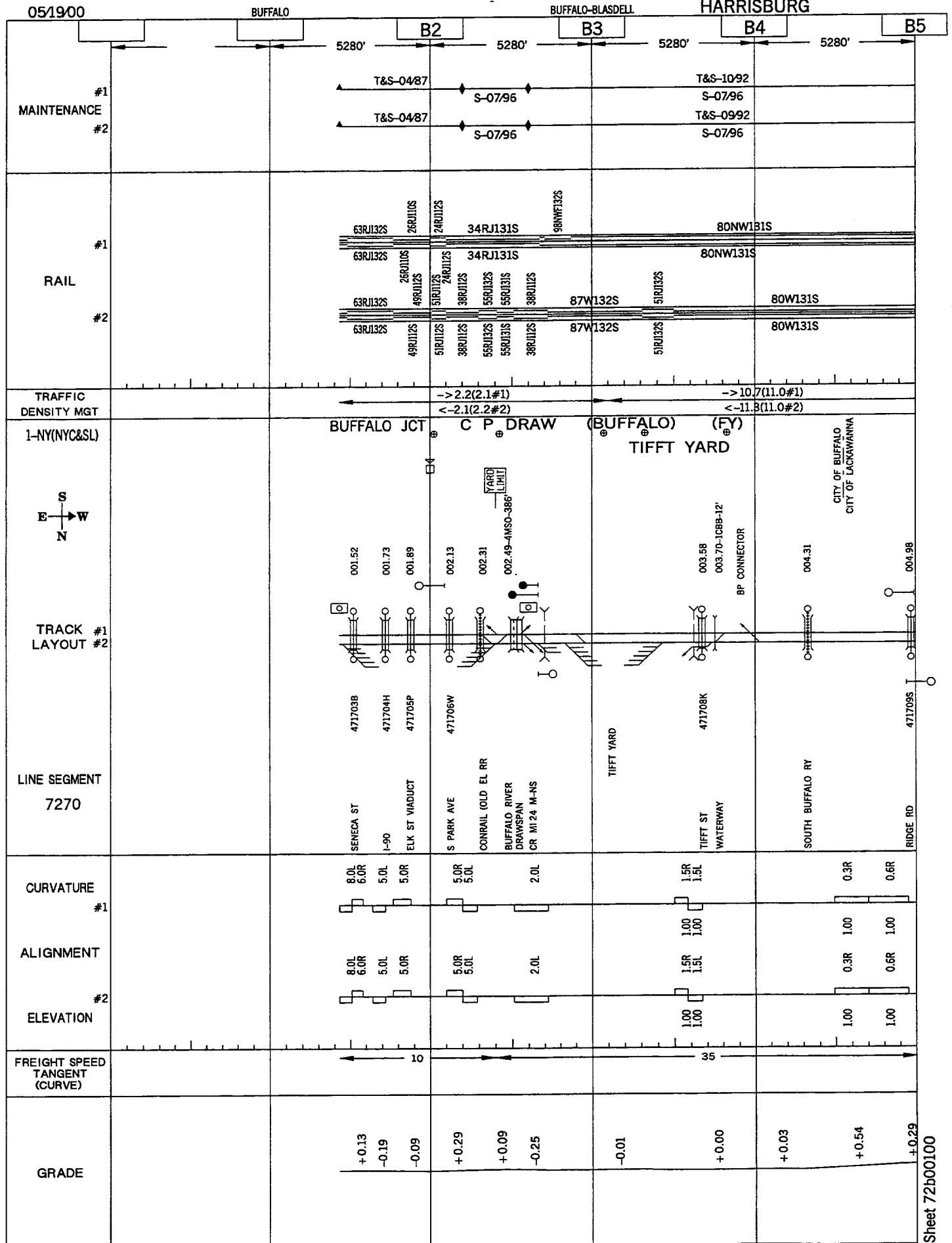
ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.79

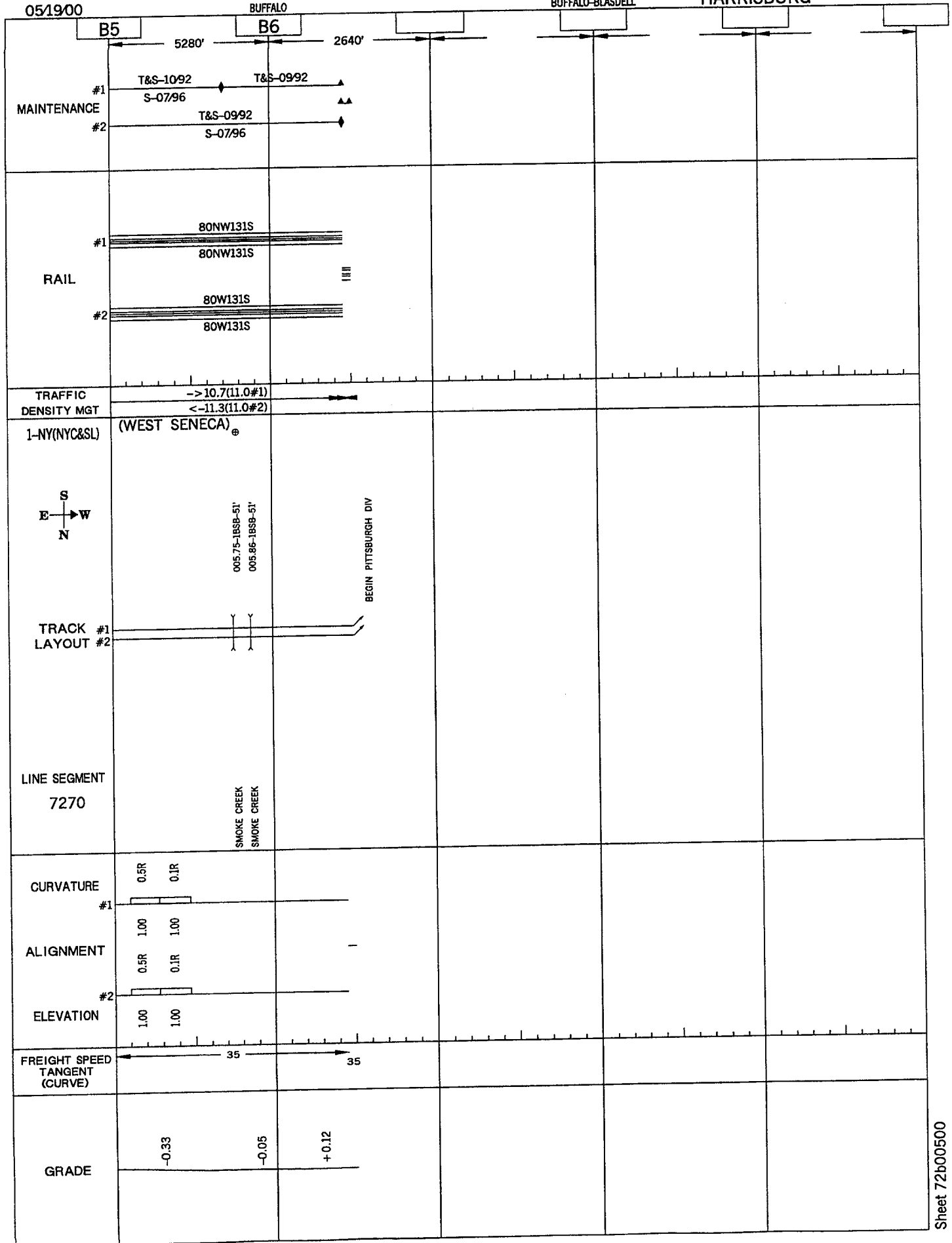


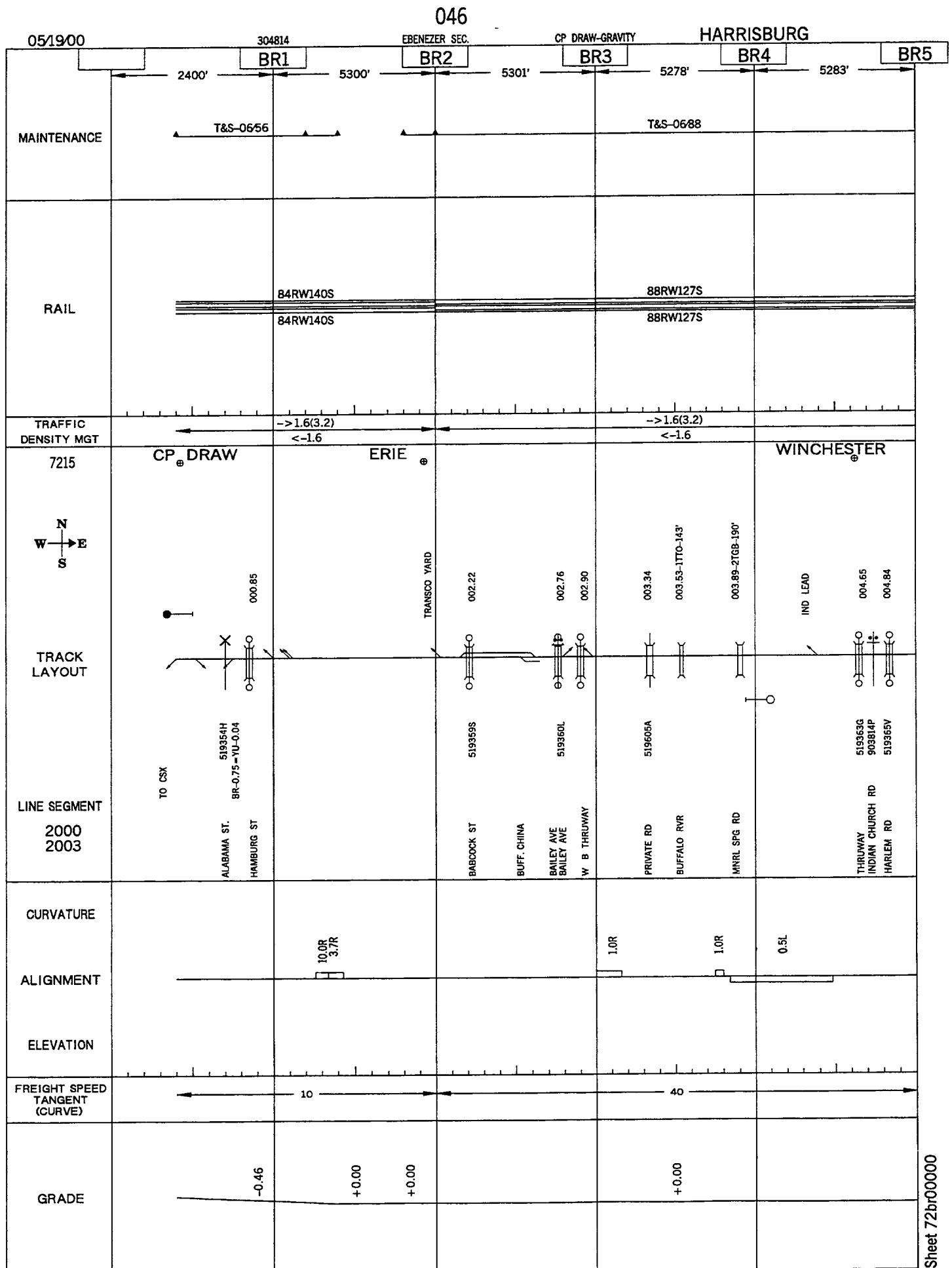
05/19/00

BUFFALO

BUFFALO-BLADELL

HARRISBURG





05/1900

304814

047

EBENEZER SEC.

CP DRAW-GRAVITY

HARRISBURG

BR5

BR6

BR7

BR8

BR9

BR10

5272'

5280'

5274'

4127'

5281'

MAINTENANCE

T&S-06/88

T&S-06/90
S-06/98

T&S-06/88

RAIL

88RW127S

88RW133S

78RW127S

78RW127S

82RW130S

82RW130S

TRAFFIC
DENSITY MGT-> 1.6(3.2)
<- -1.6-> 6.0(12.0)
<- -6.0-> 6.1(12.2)
<- -6.1

7215

CP GJ

WEST SENECA BRANCH
UNION ROAD
UNION

CP GRAVITY

WEST SENECA

TRACK
LAYOUT

NIAG. MOHAWK

BR-5.97 = VK-5.85

005.68

SONWILL

008.86-2TGB-54'

009.62-1TGB-54'

LINE SEGMENT

2003
2006

BR-5.75 = BX-0.0

UNION RD

LEIN ROAD

TRANSIT RD

CURVATURE

0.5L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

40

50

GRADE

+0.00

+0.00

+0.06

+0.28

+0.51

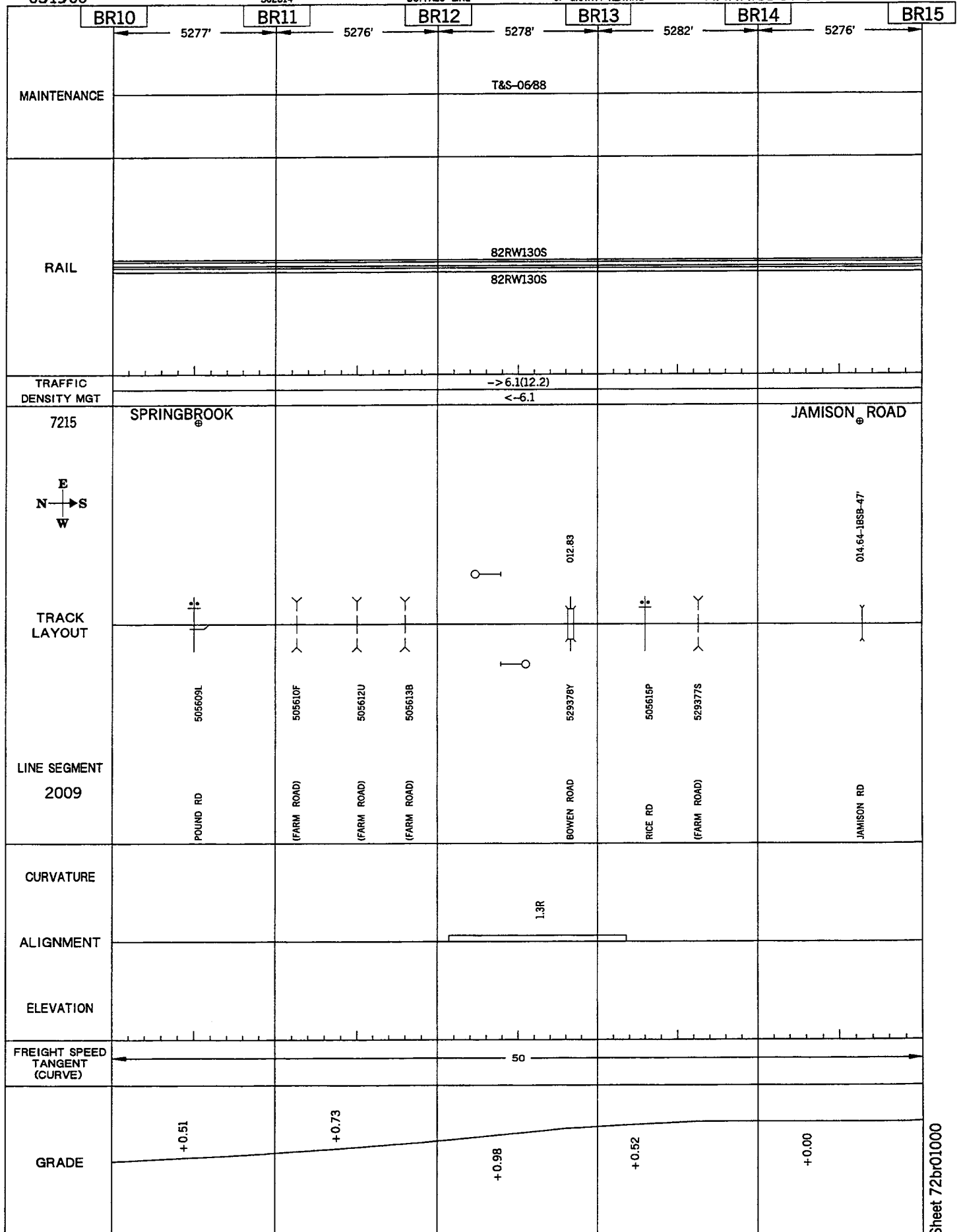
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302314

BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



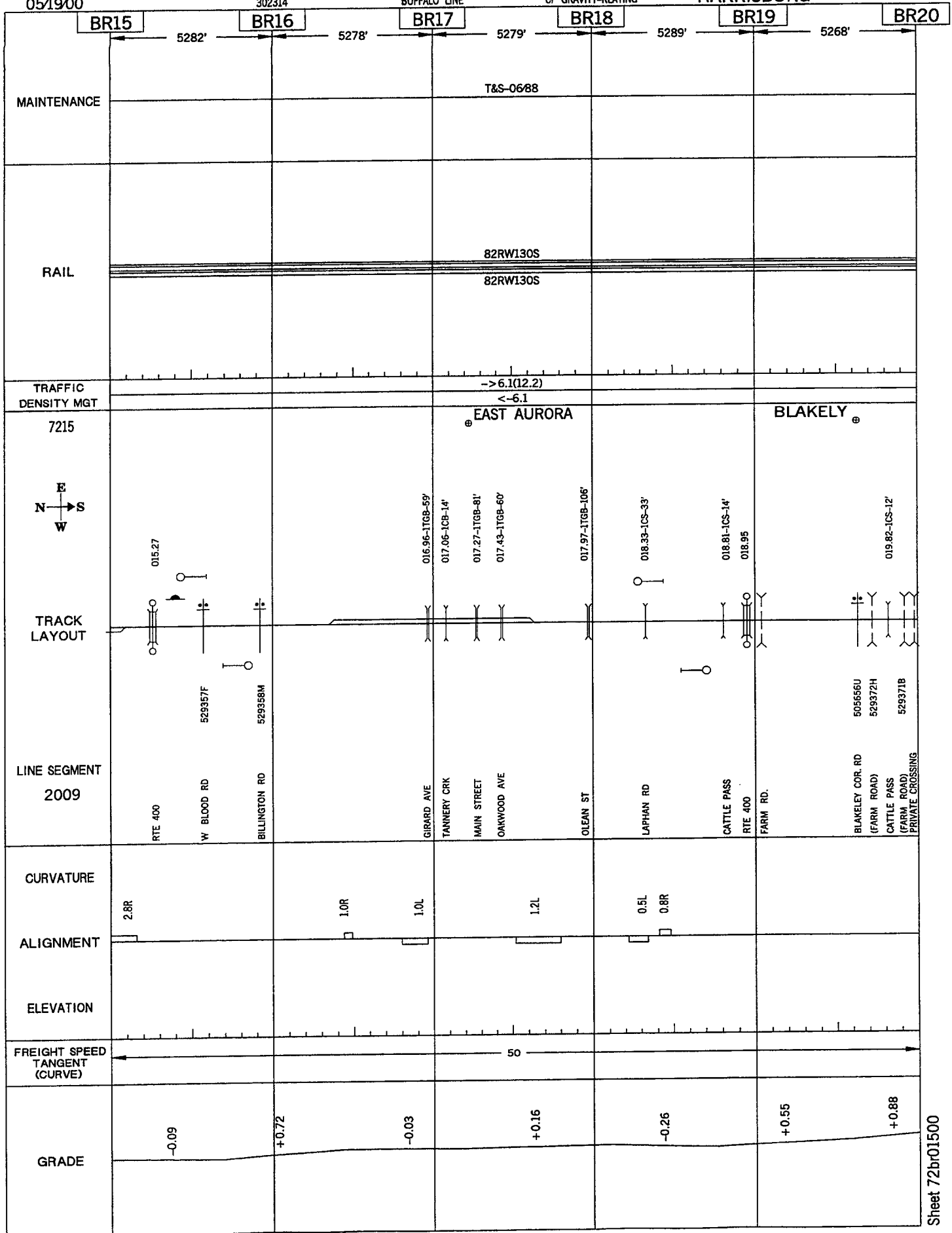
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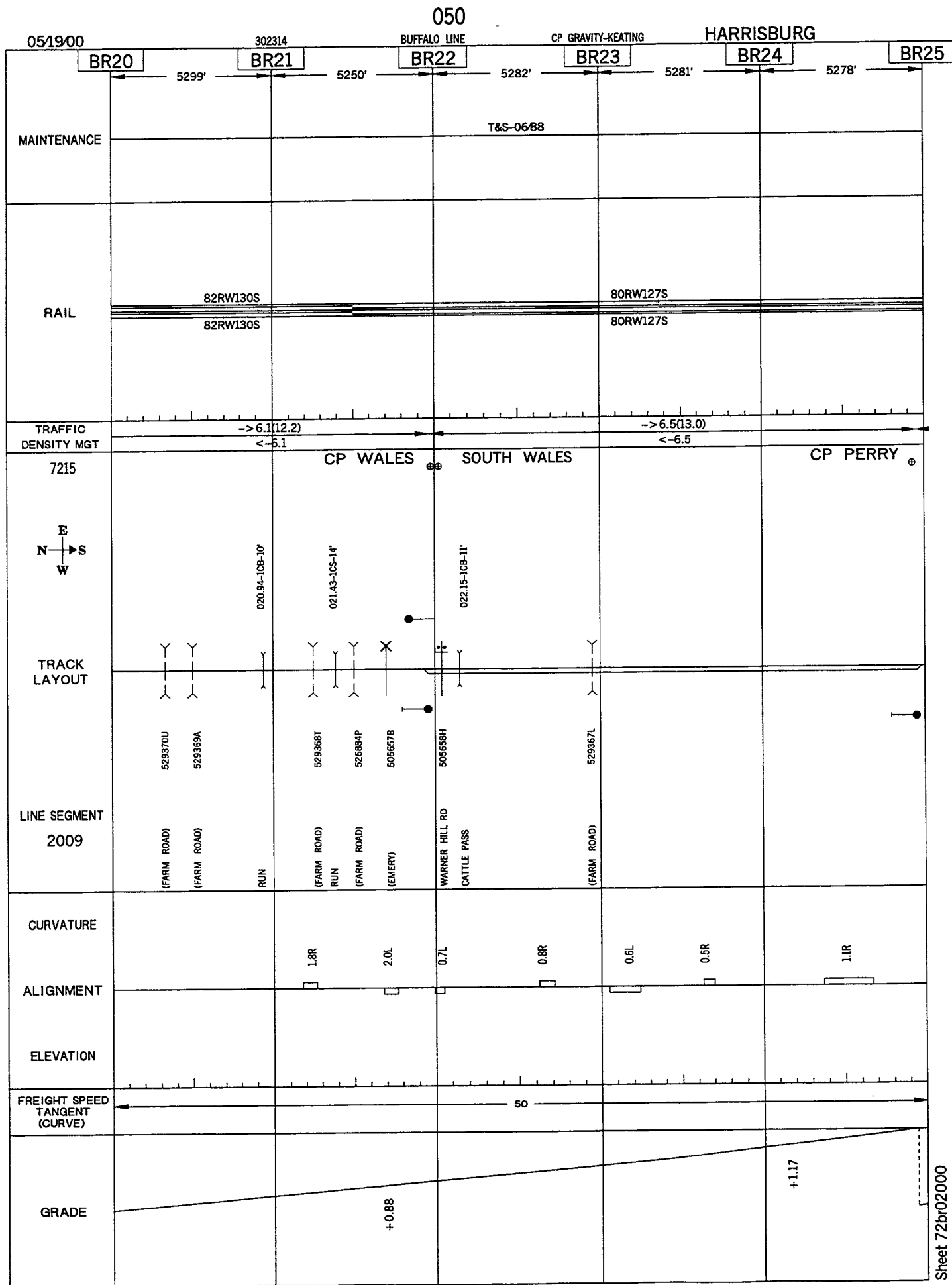
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG





051

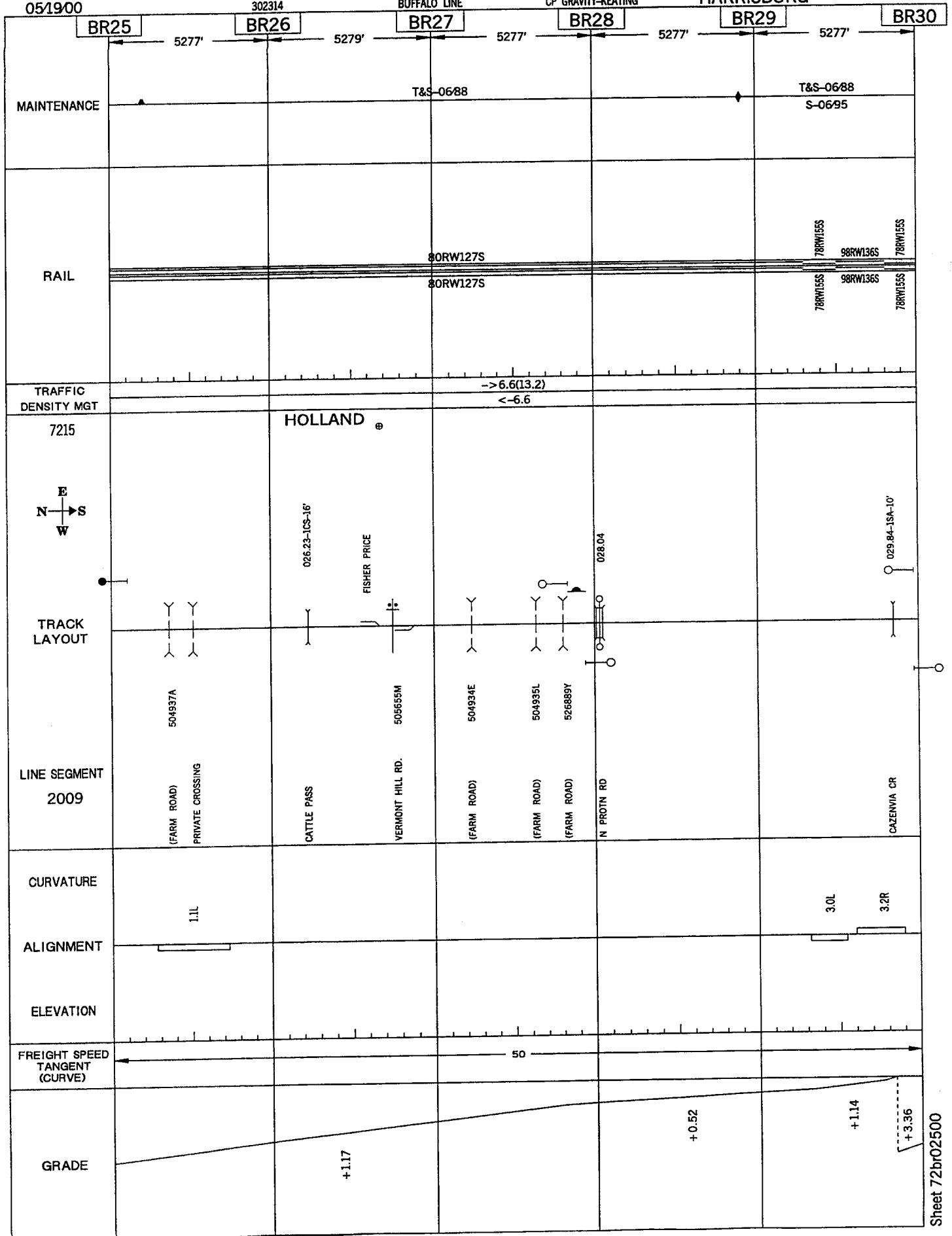
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



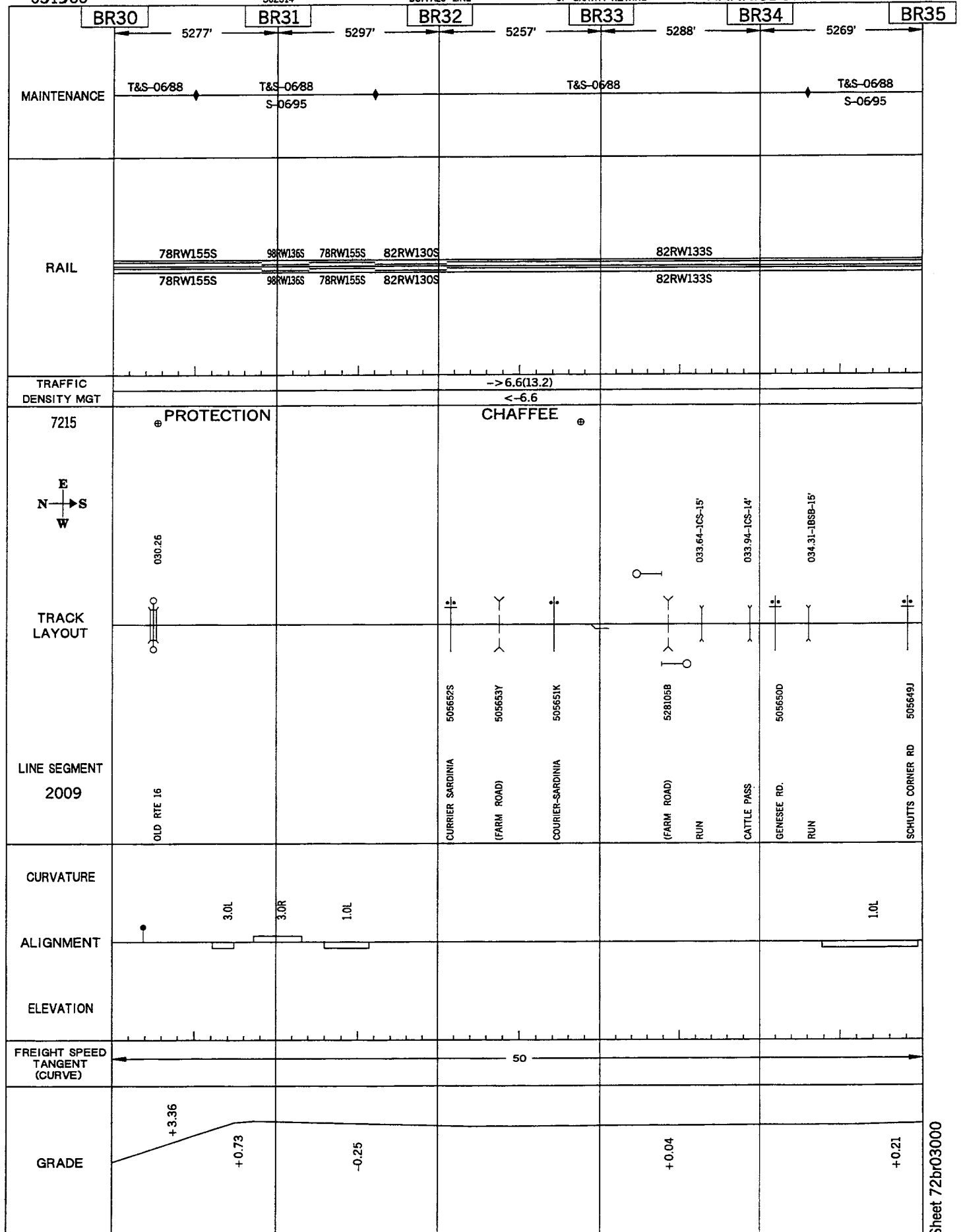
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



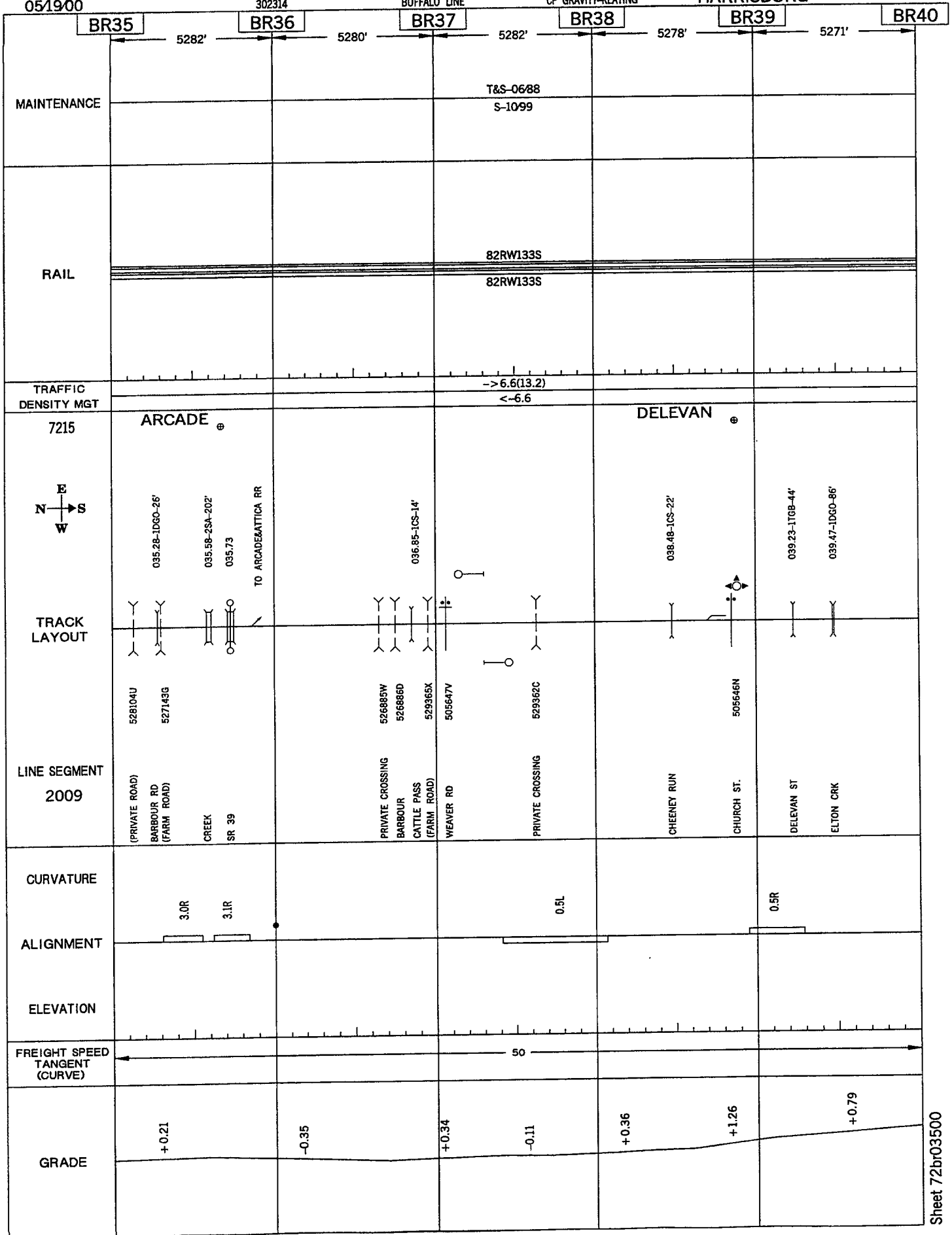
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



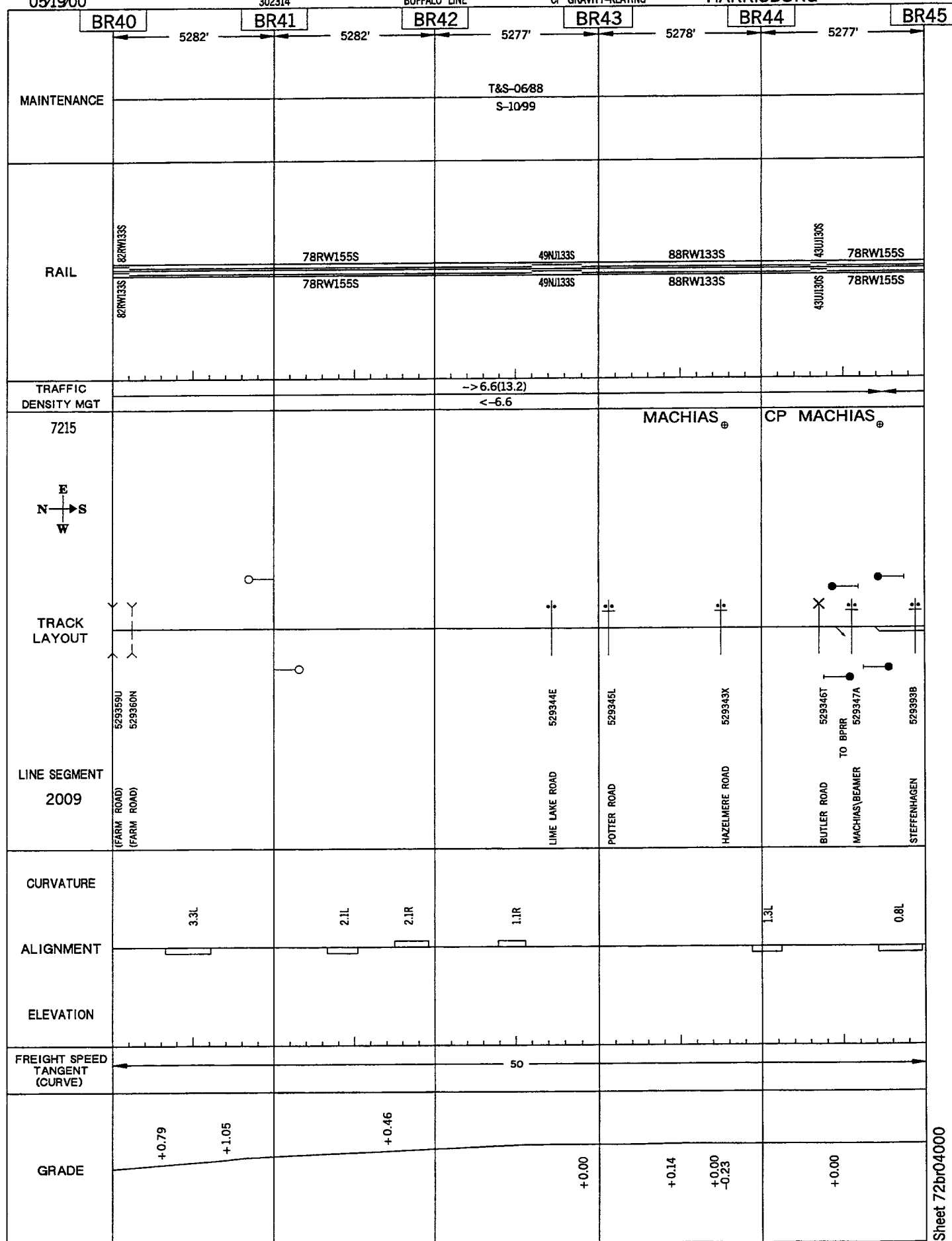
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



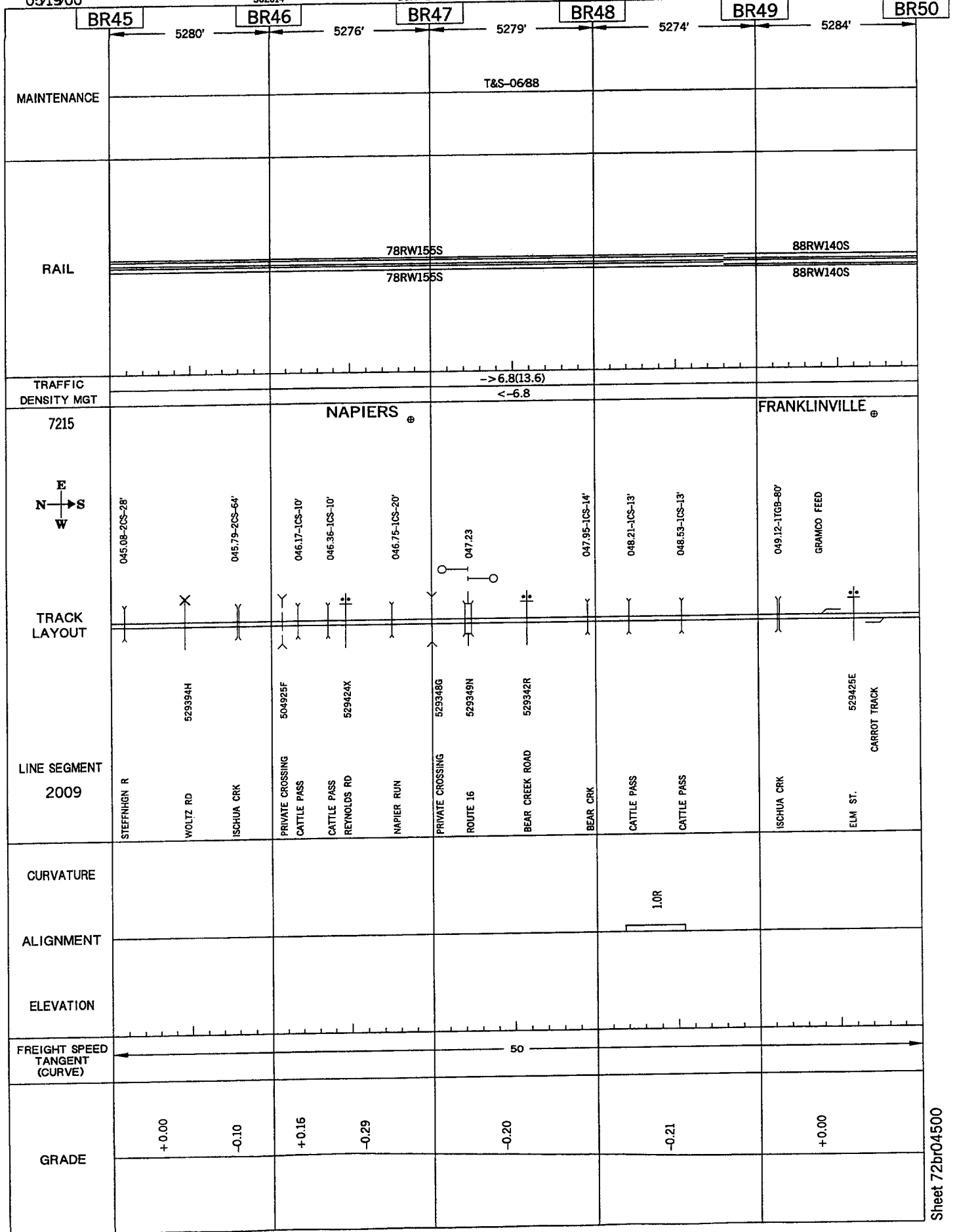
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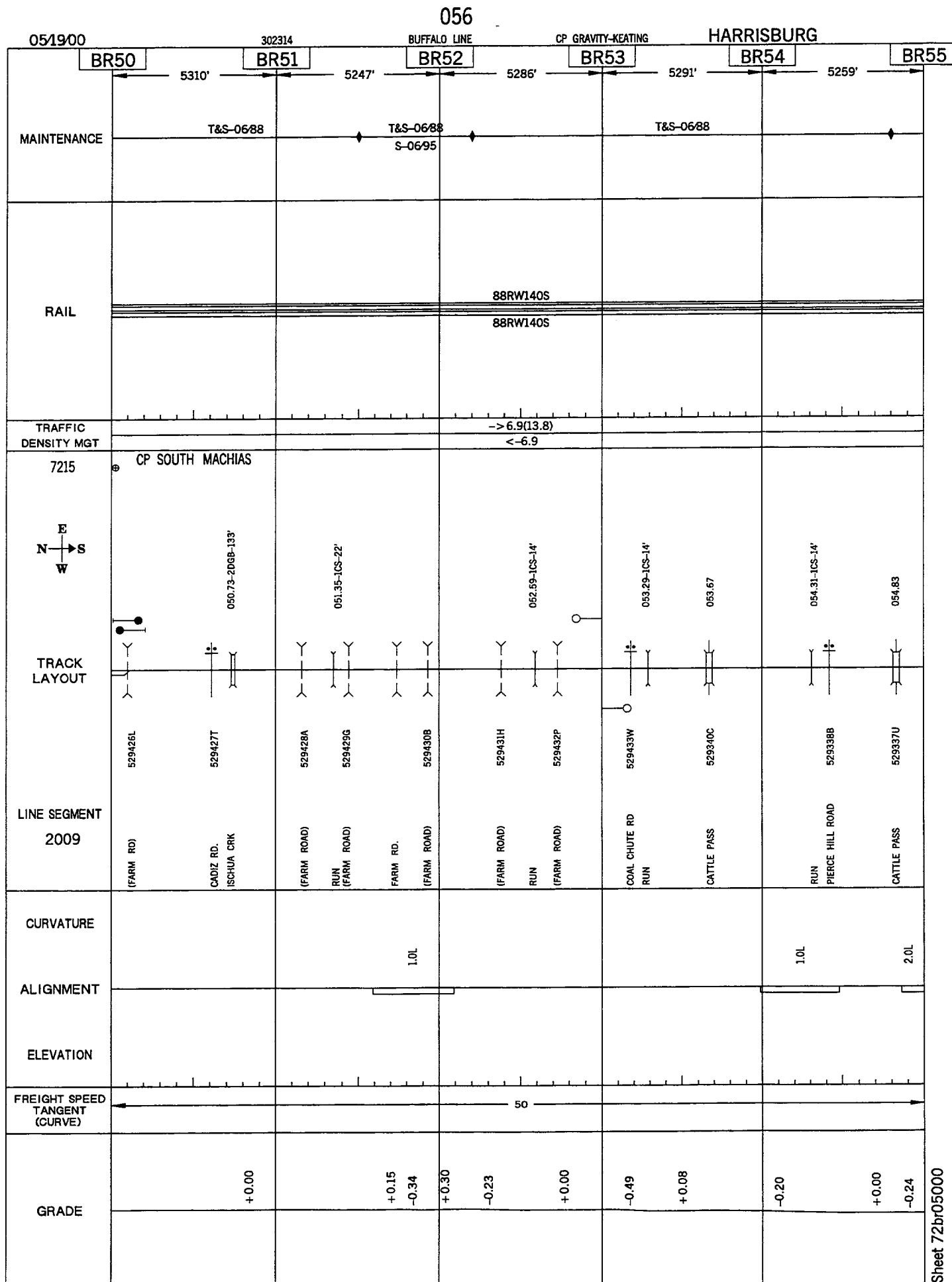
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG





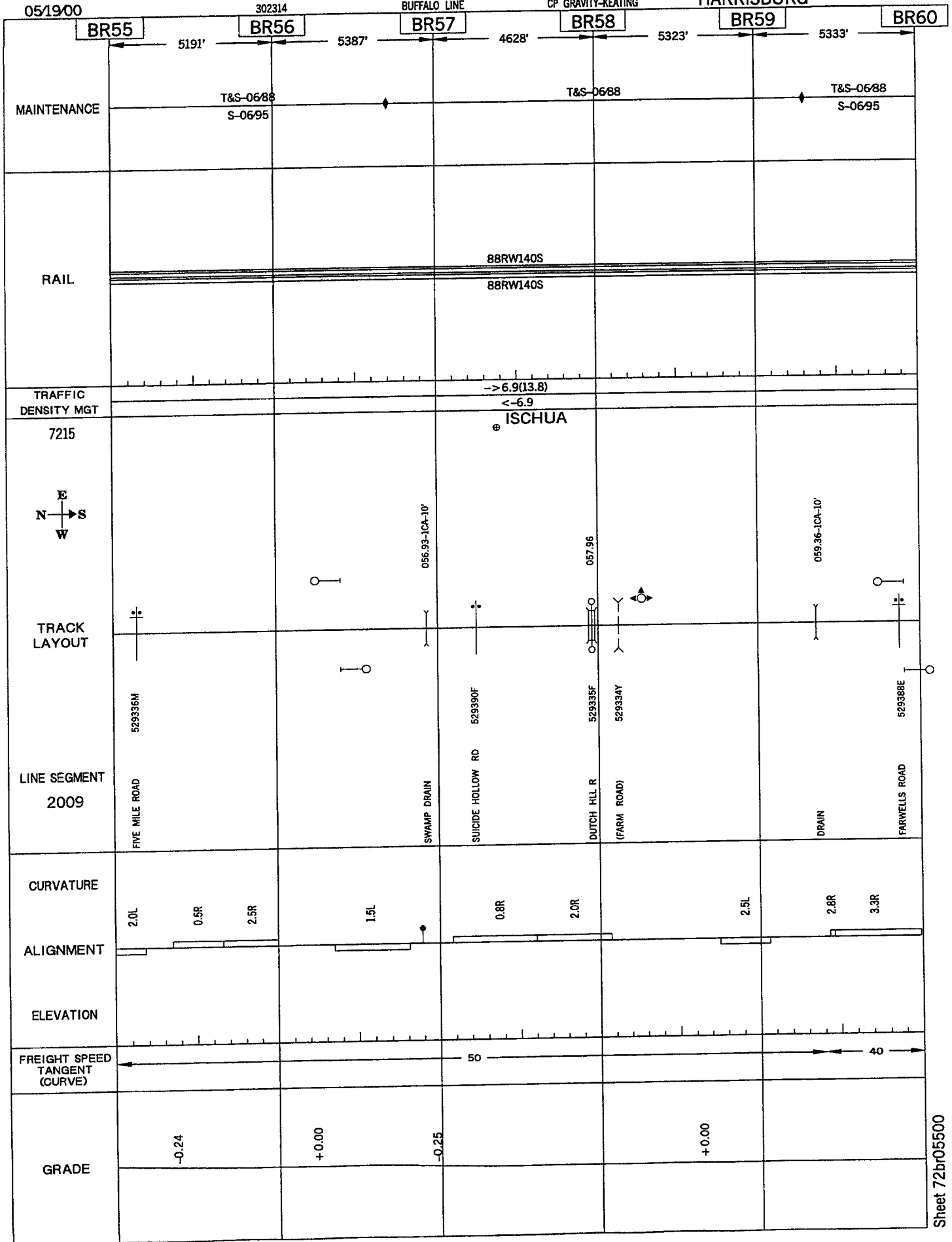
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



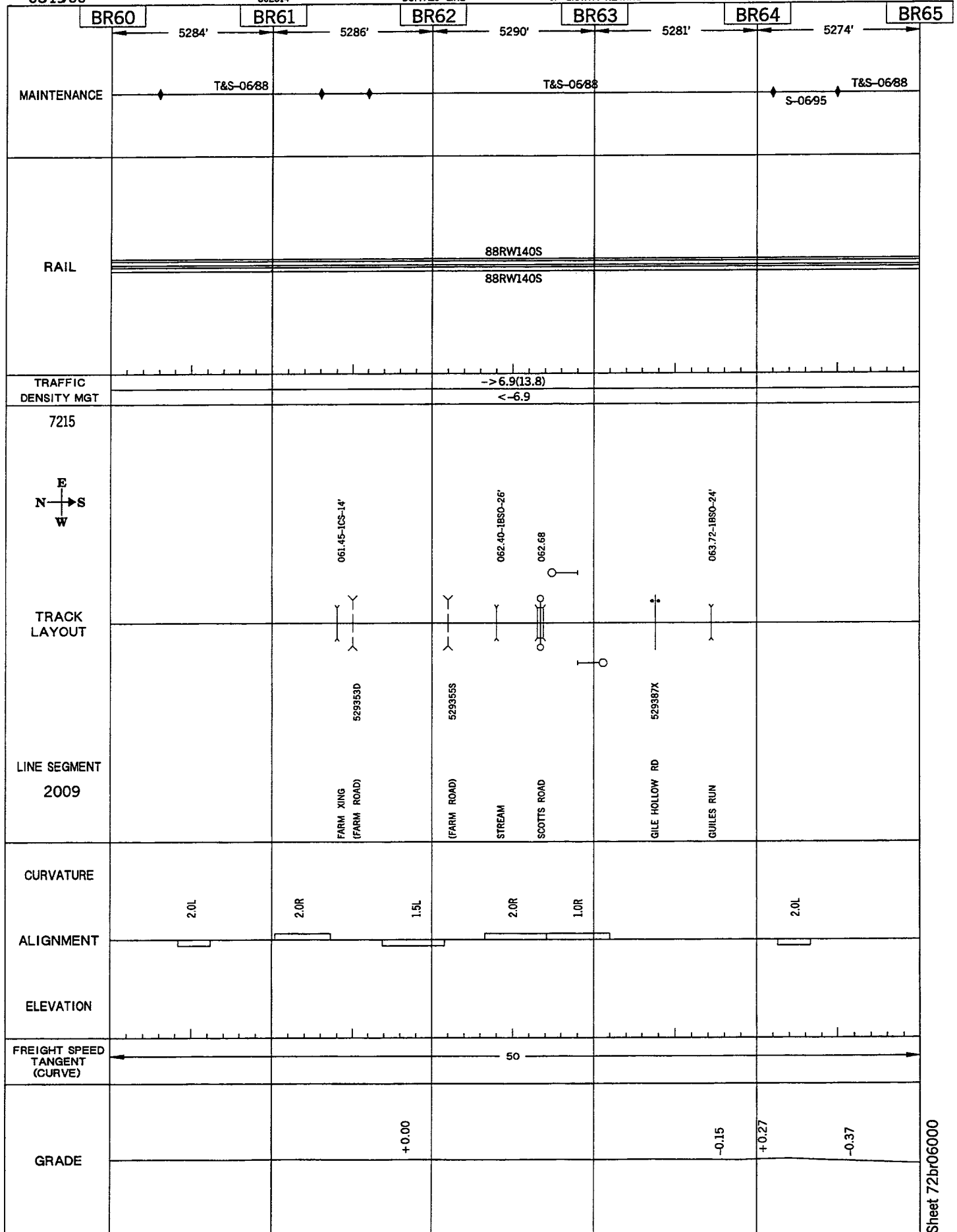
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



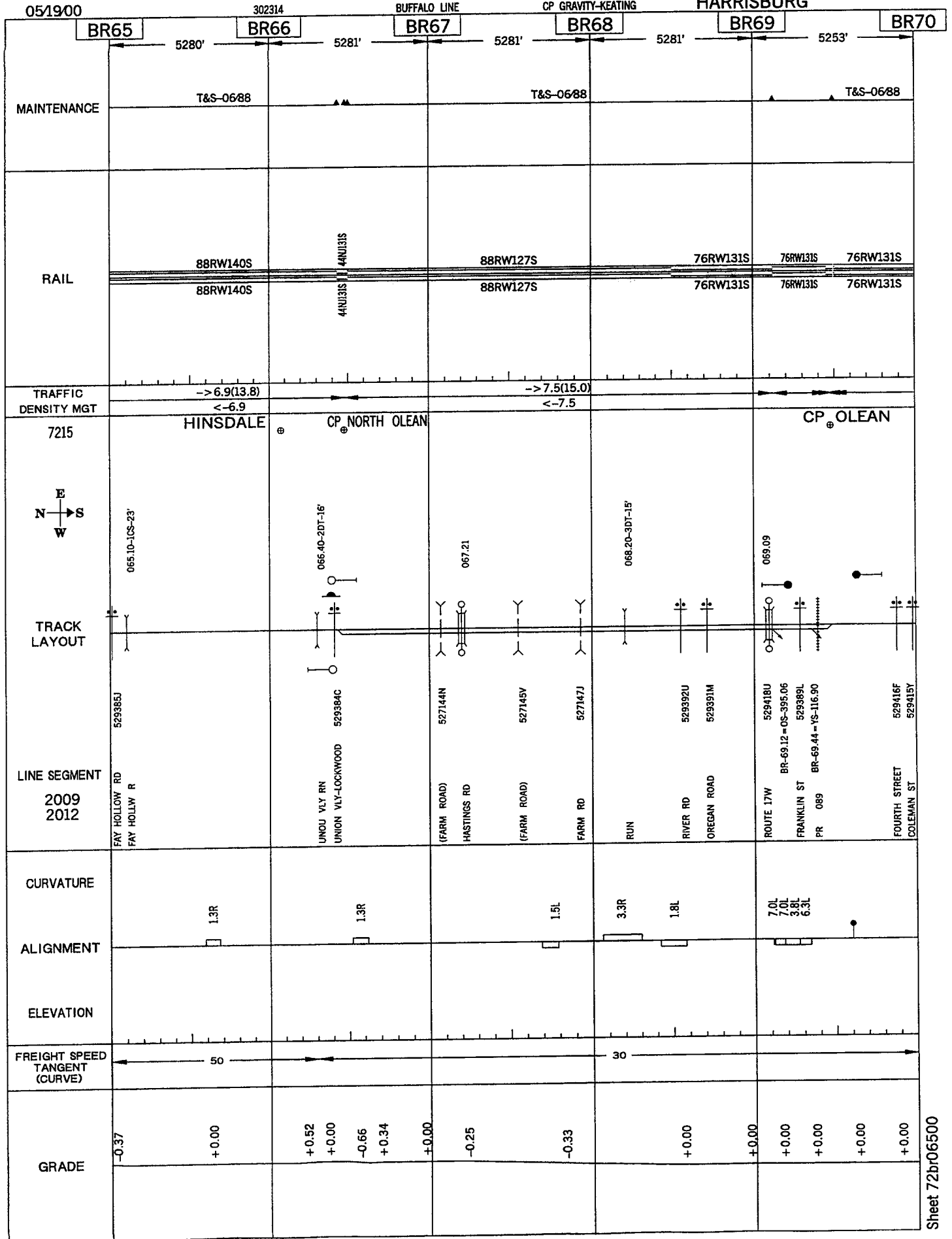
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



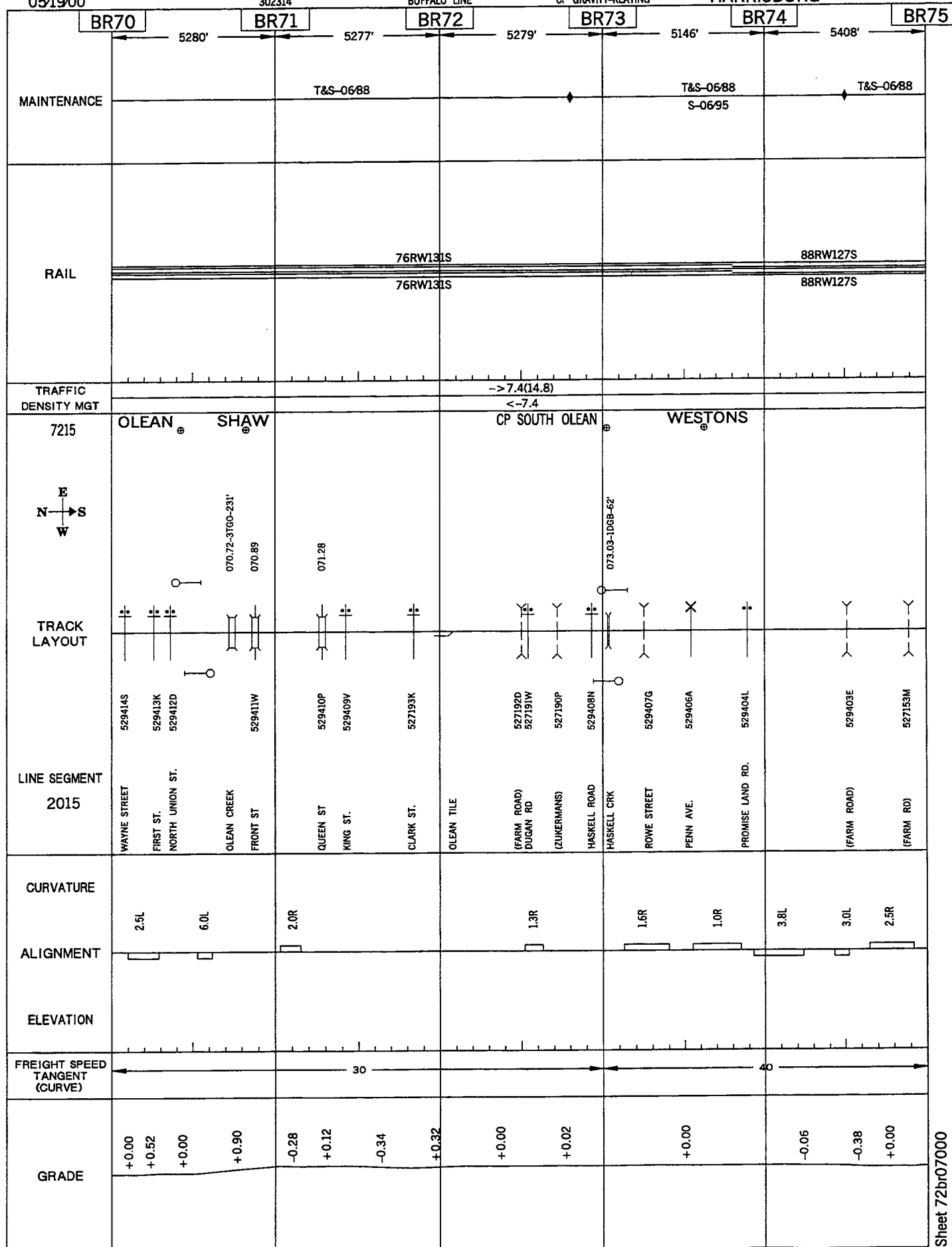
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



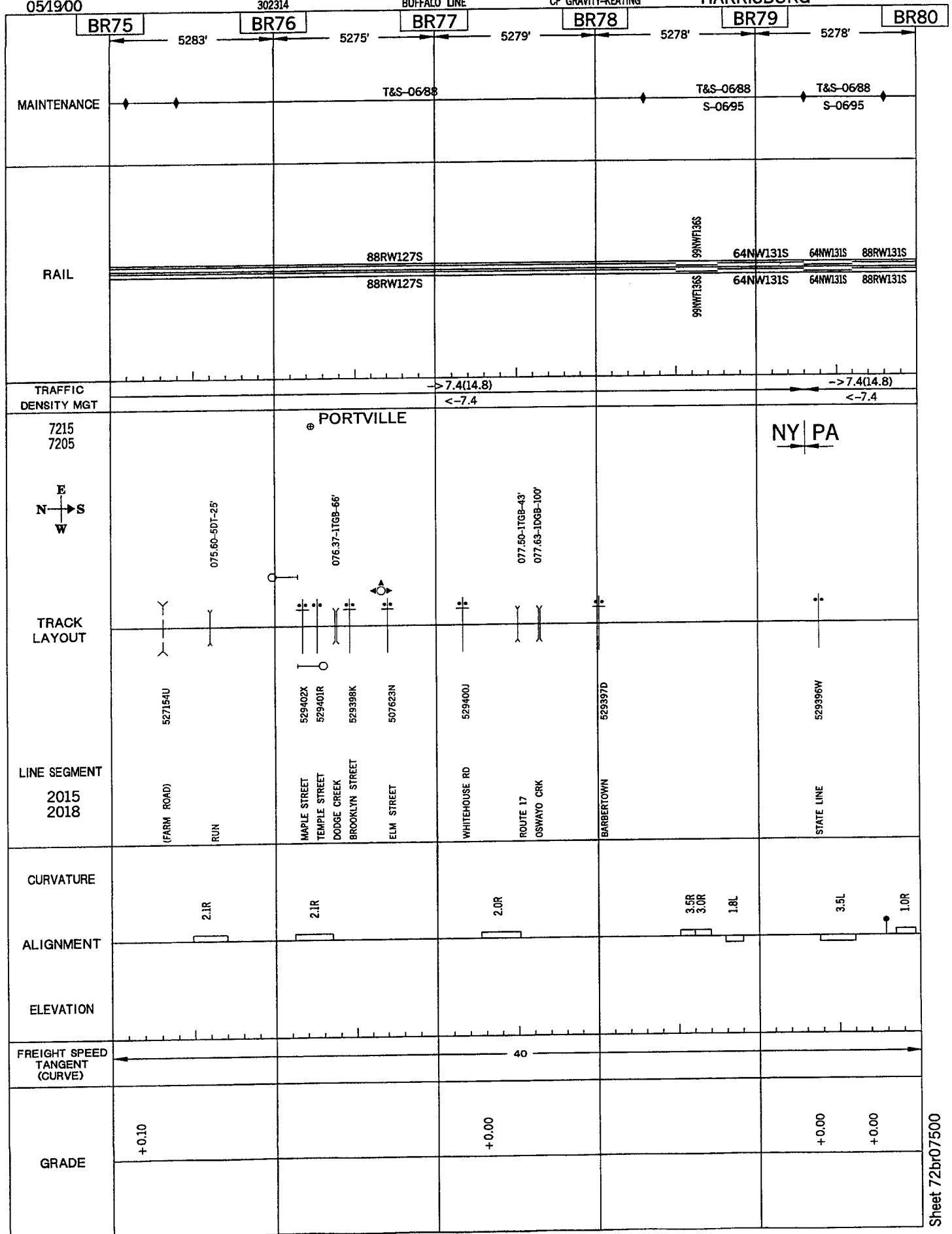
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



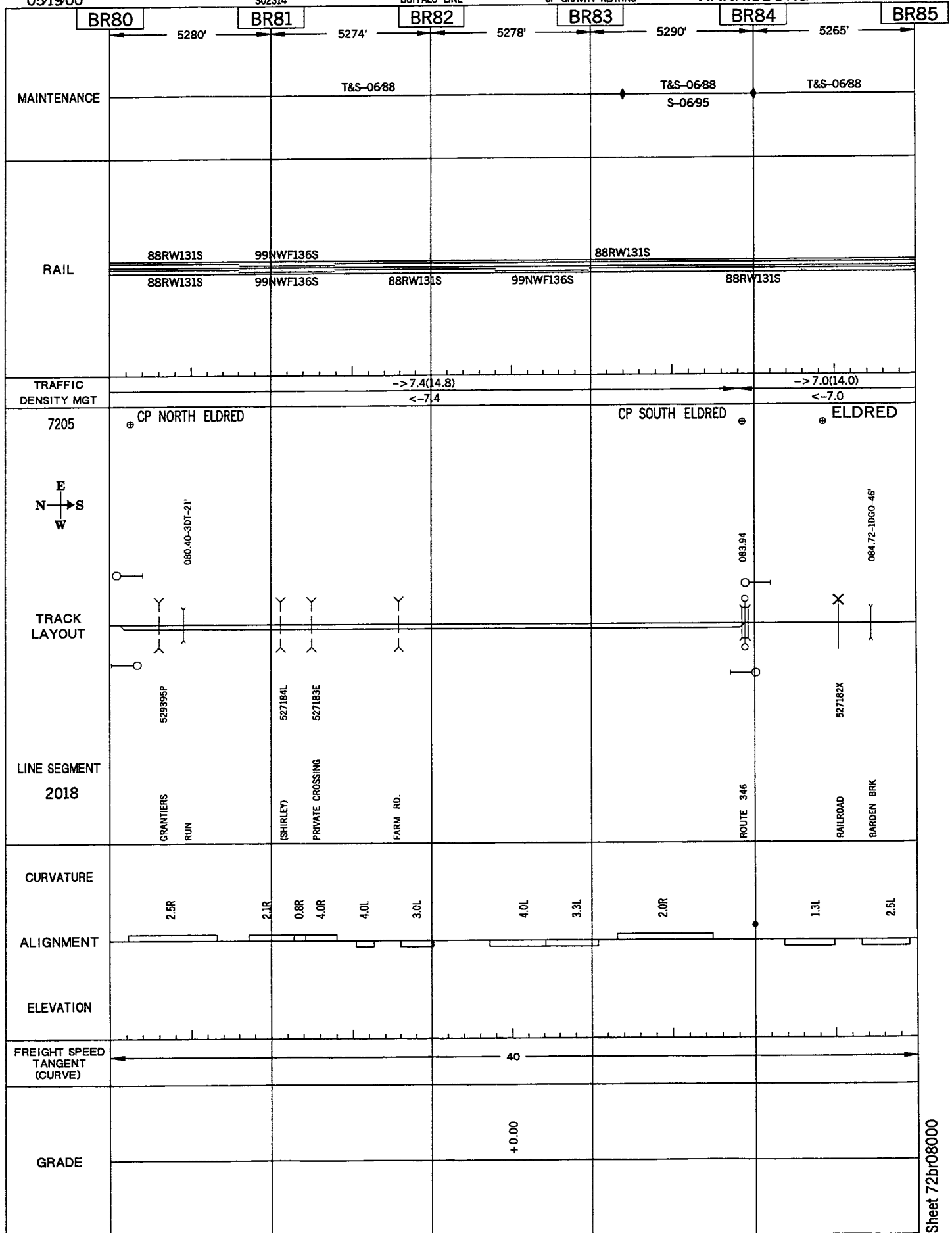
05/19/00

302314

BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



HARRISBURG

	BR85	BR86	BR87	BR88	BR89	BR90
MAINTENANCE	<div> <div>5279'</div> <div>5280'</div> <div>5278'</div> <div>5276'</div> <div>5444'</div> </div> <div> <div>T&S-0688</div> <div>T&S-0688</div> <div>T&S-0688</div> <div>T&S-0690</div> <div>T&S-0690</div> <div></div> </div> <div> <div>S-0690</div> <div>S-0695</div> <div></div> <div></div> <div>S-0695</div> <div></div> </div>					
RAIL	<div> <div>86RW140S</div> <div>82RJ140S</div> <div>78RW140S</div> <div>67NW155S</div> <div>78RW131S</div> <div>67NW152S</div> <div>98RW136S</div> </div> <div> <div>86RW140S</div> <div>82RJ140S</div> <div>78RW140S</div> <div>67NW155S</div> <div>78RW131S</div> <div>67NW152S</div> <div>98RW136S</div> </div>					
TRAFFIC DENSITY MGT	<div> <div>-> 7.0(14.0)</div> <div>-> 7.0(14.0)</div> </div> <div> <div><- 7.0</div> <div><- 7.0</div> </div>					
7205	LARABEE®					
TRACK LAYOUT	<div> <div>085.66-1CS-23'</div> <div>086.19-1CS-31'</div> <div>WIKO FURN.</div> <div>087.56-2CM-16'</div> <div>088.23</div> </div> <div> <div>PRIVATE CROSSING CANFIELD CR</div> <div>PRIVATE CROSSING CARPENTER CR</div> <div>FARM RD.</div> <div>RUN</div> <div>LARABEE</div> <div>ROUTE 446</div> <div>PRIVATE CROSSING</div> </div> <div> <div>BR-87.27 = FV-0.0</div> <div>527181R</div> </div>					
LINE SEGMENT	2018 2021					
CURVATURE	<div>1.5R</div> <div>0.5R</div> <div>1.0R</div> <div>3.3L</div> <div>1.5R</div> <div>3.0R</div>					
ALIGNMENT	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>					
ELEVATION	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>					
FREIGHT SPEED TANGENT (CURVE)	<div> <div>40</div> </div>					
GRADE	<div> <div></div> <div>+0.00</div> <div>+0.00</div> <div></div> <div>+0.21</div> <div></div> </div>					

Sheet 72br08500

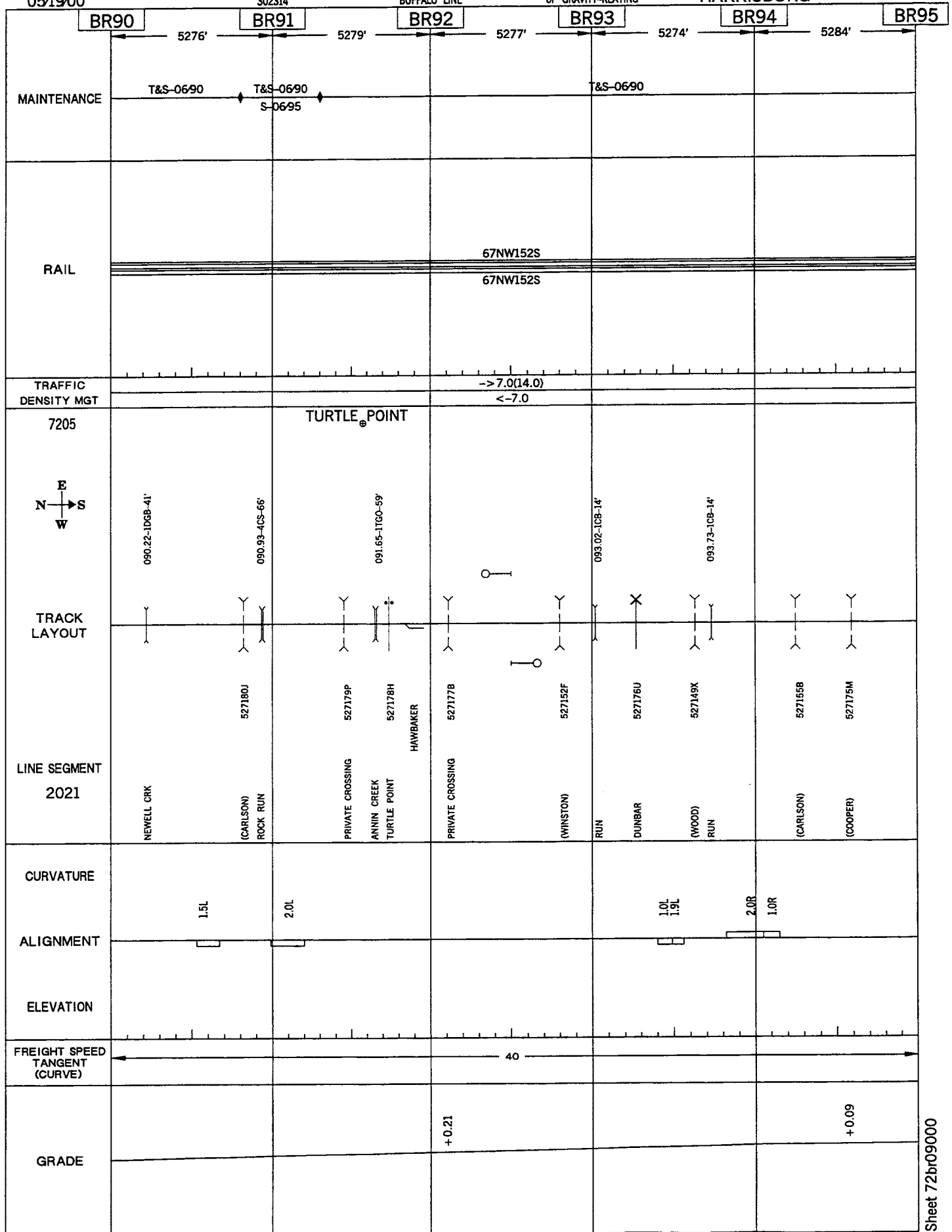
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302314

BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



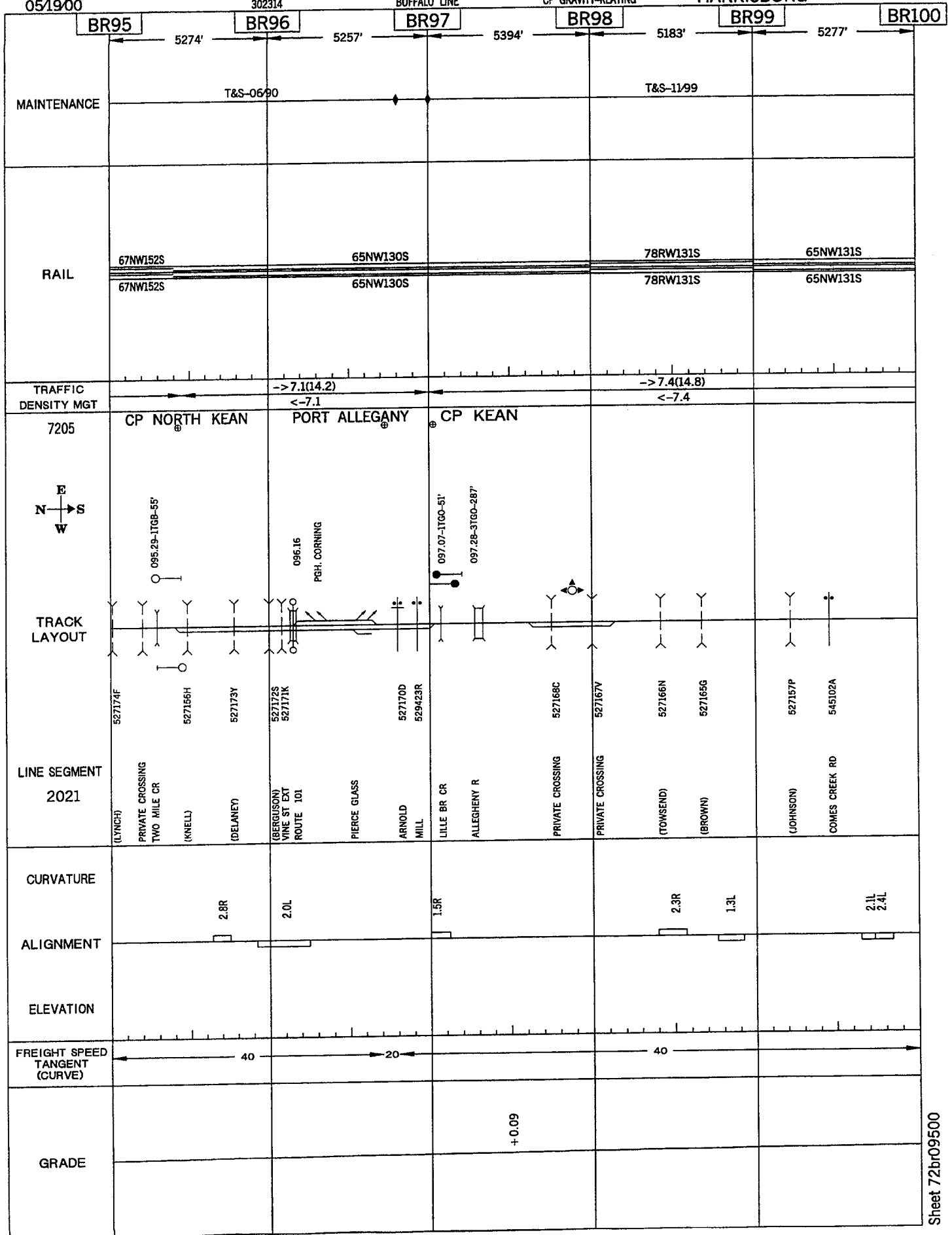
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302314

BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



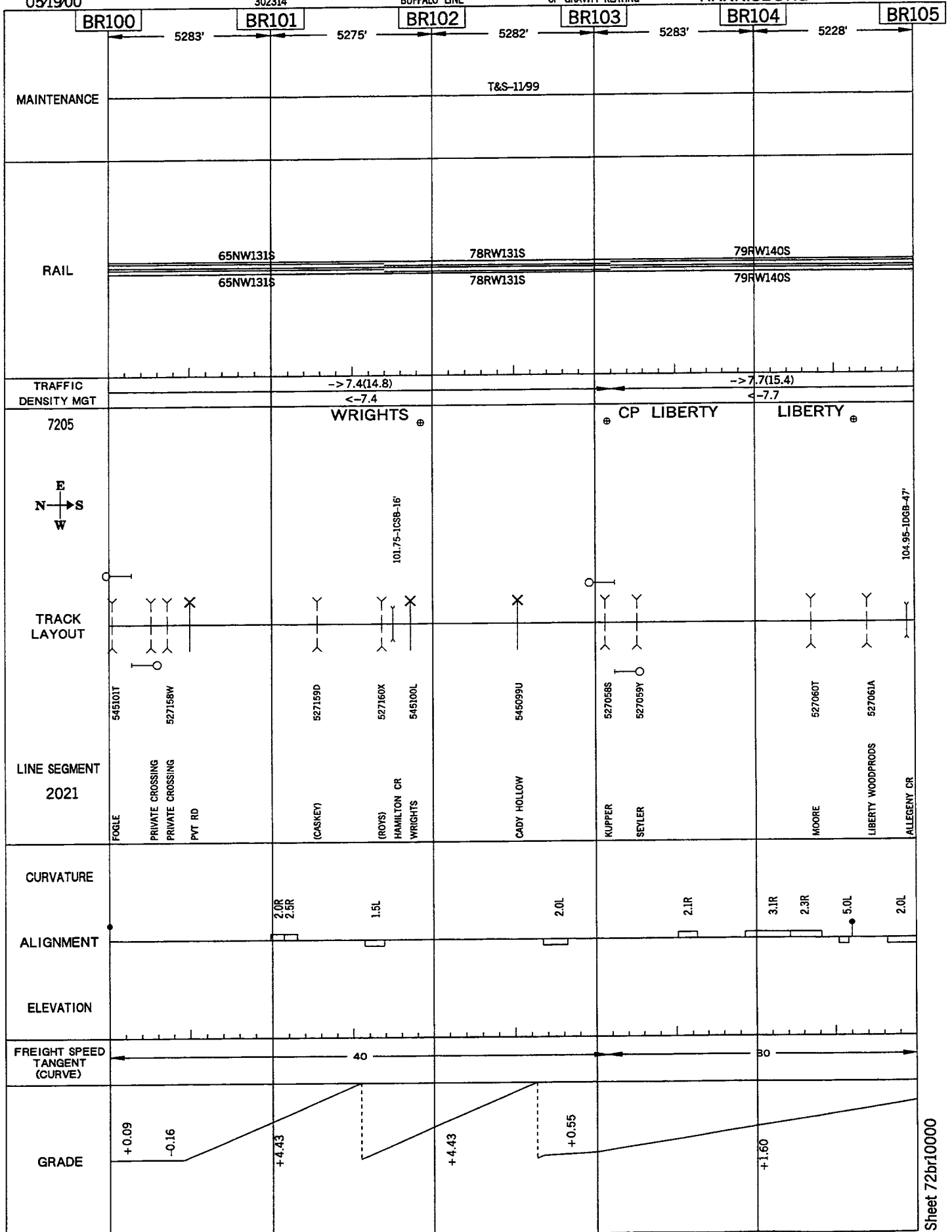
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



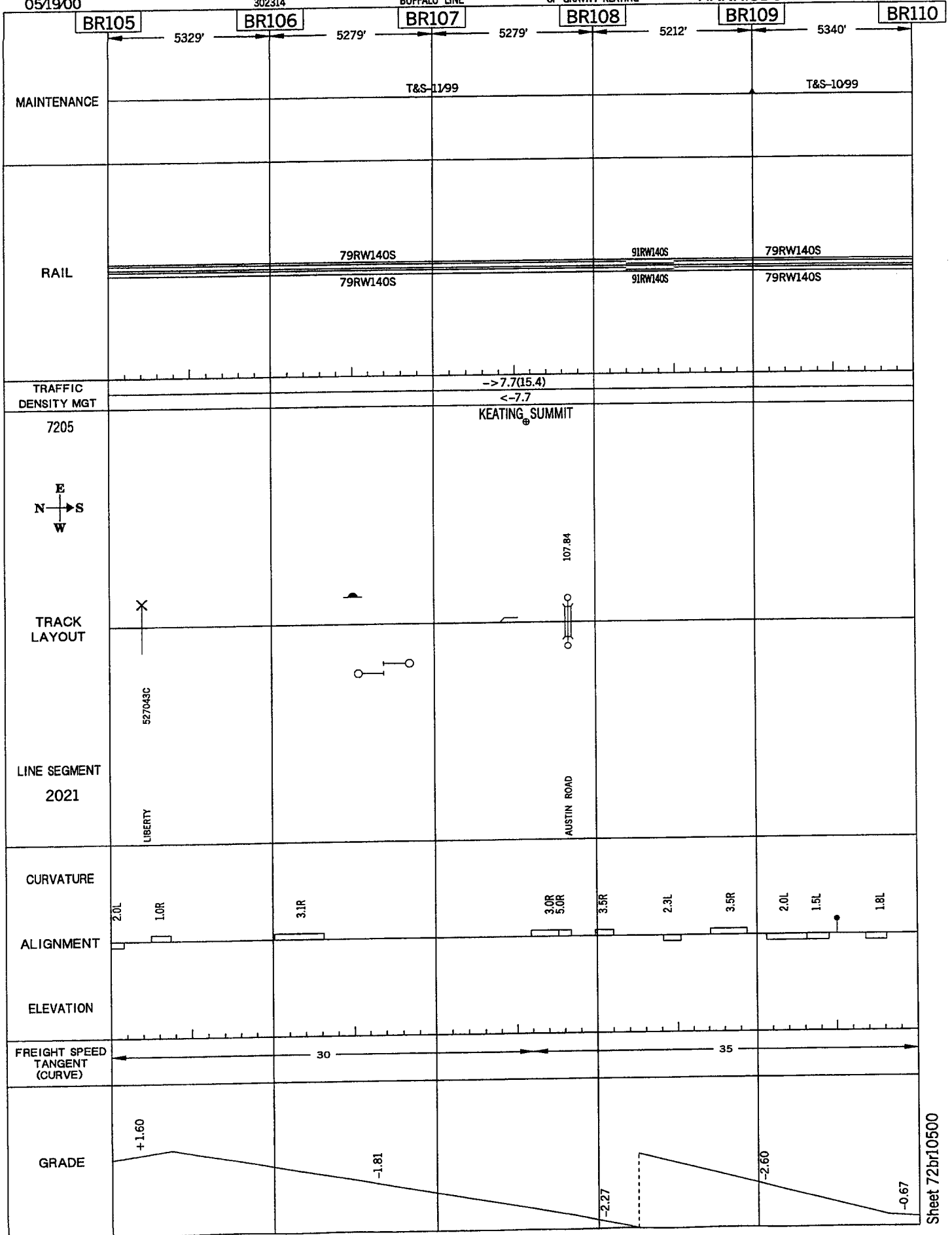
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302314

BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



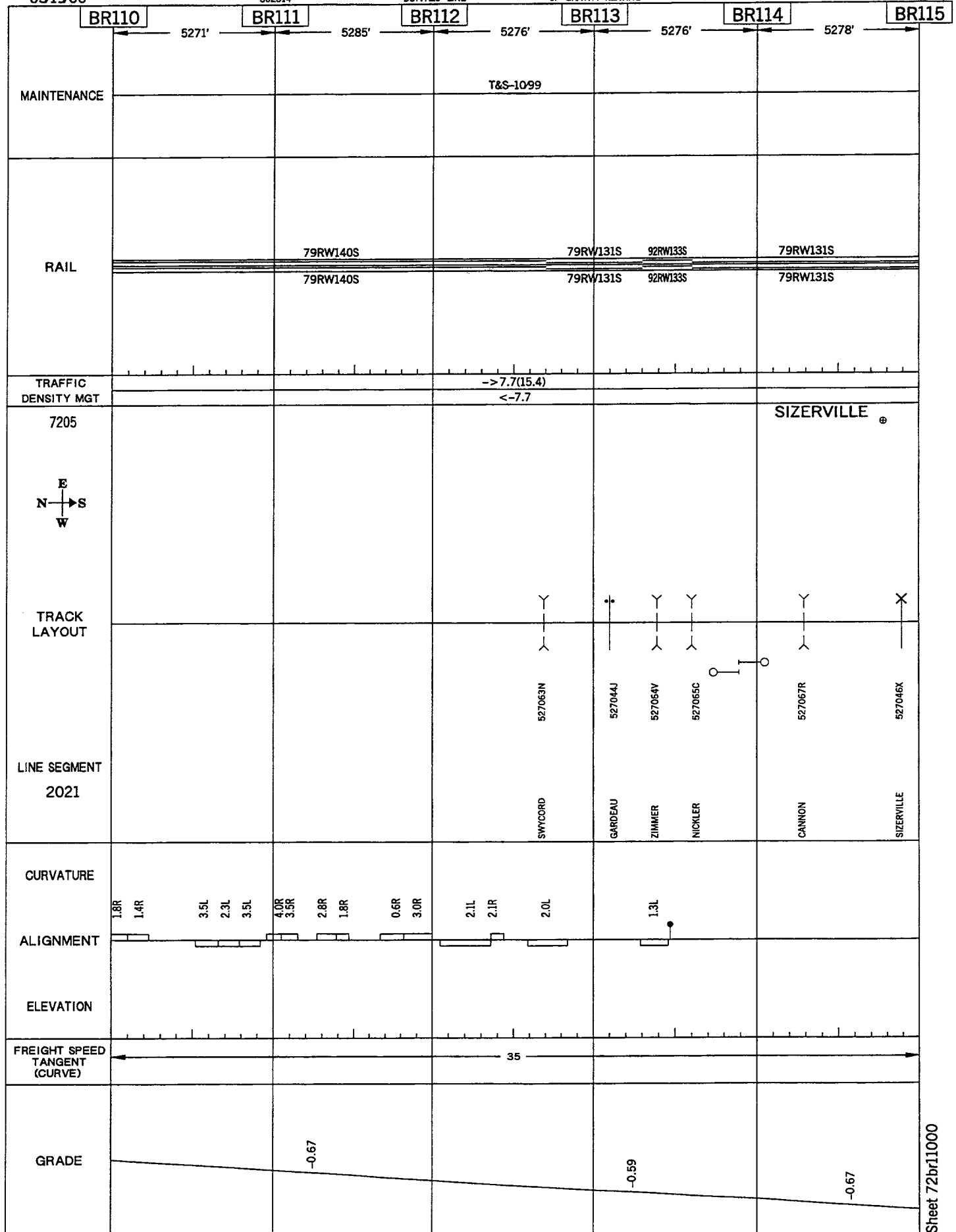
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



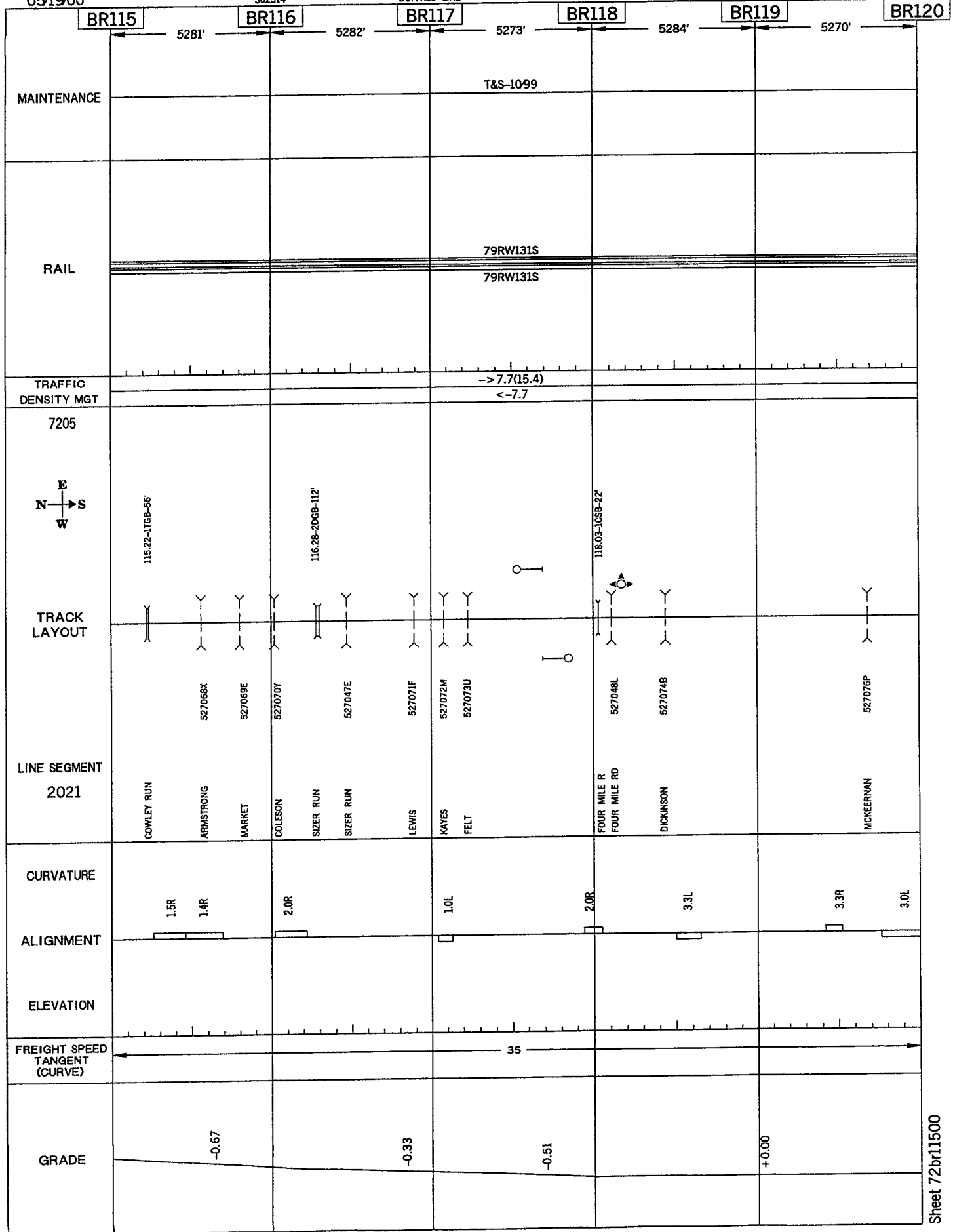
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



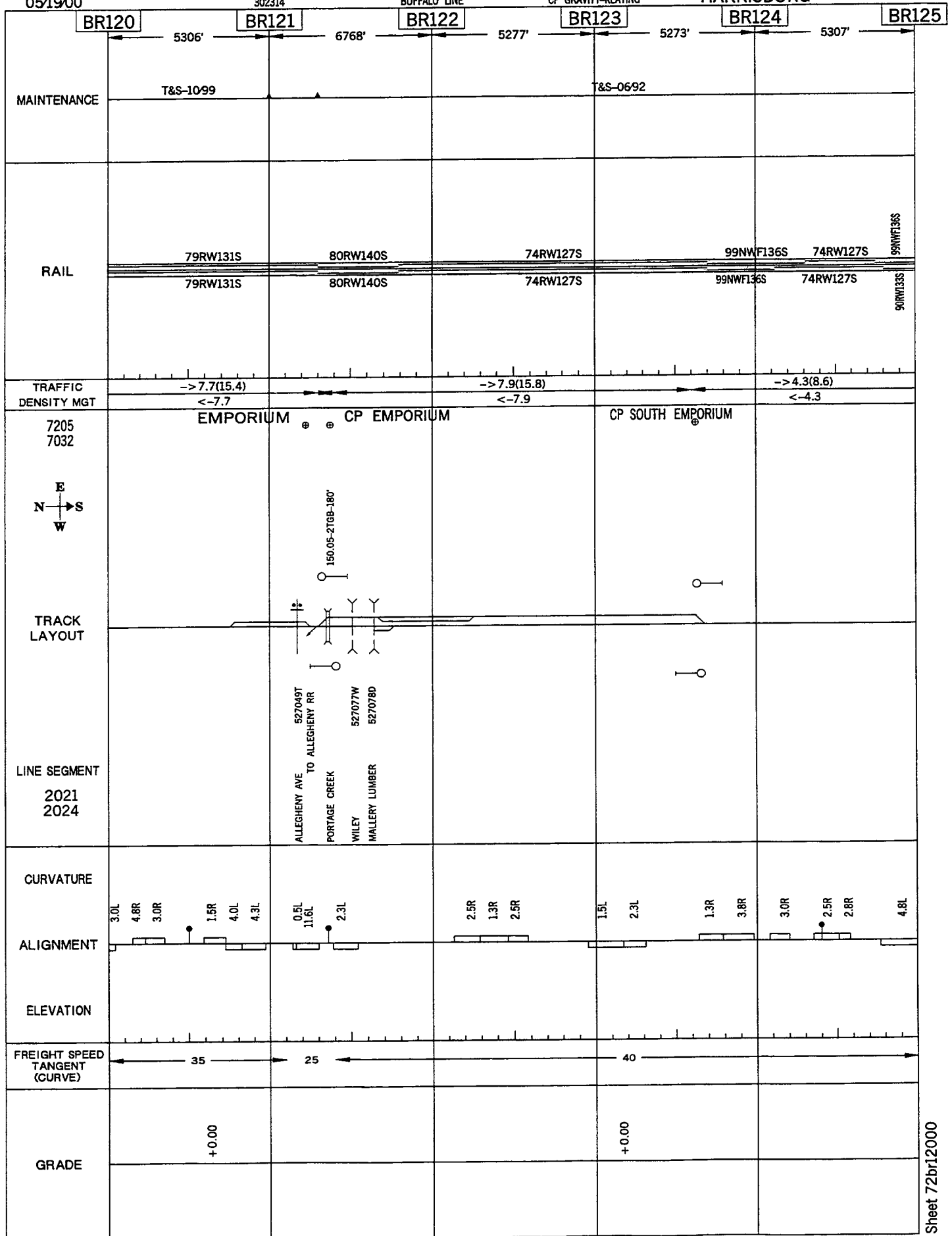
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



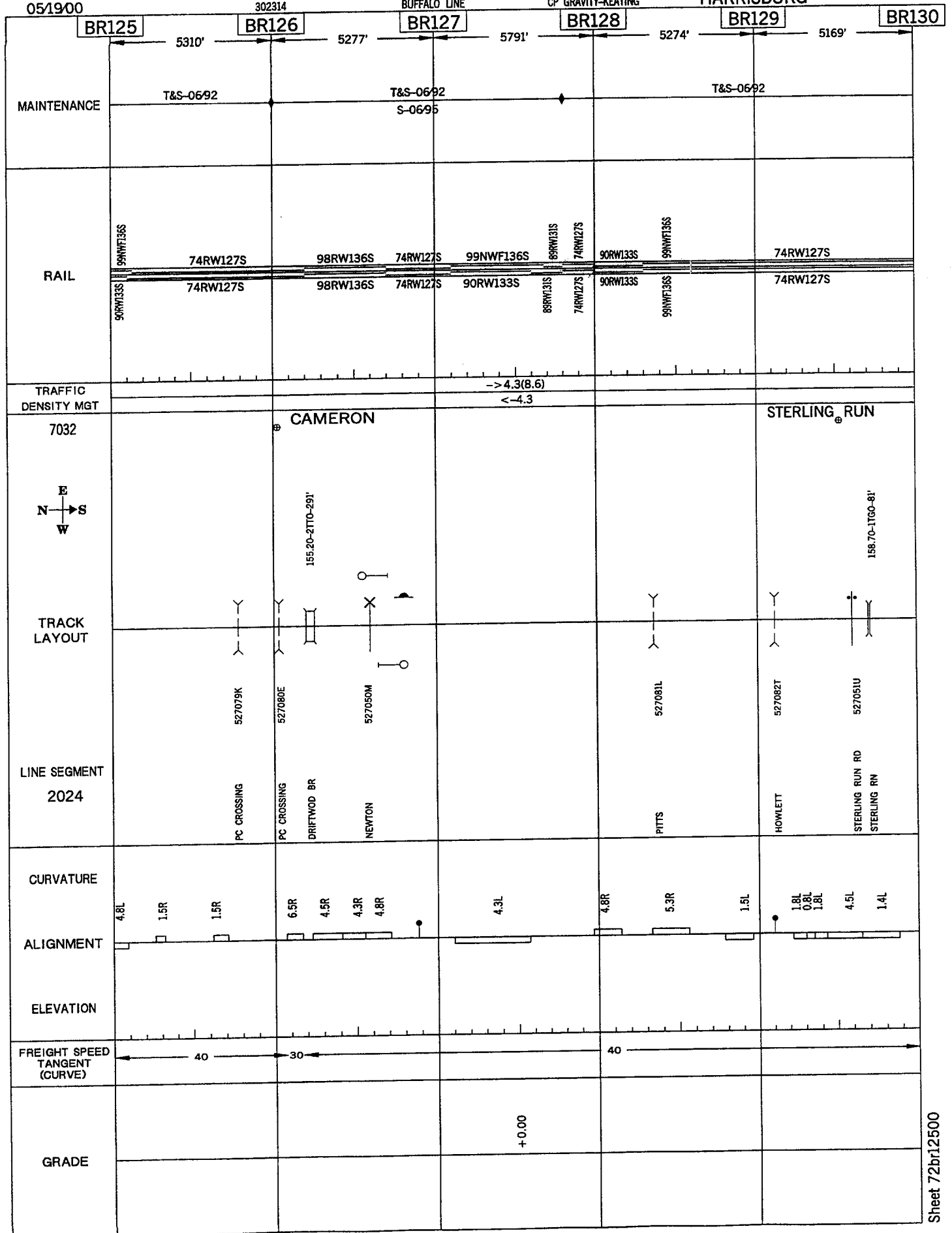
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302314

BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



05/19/00

302314

BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG

BR135

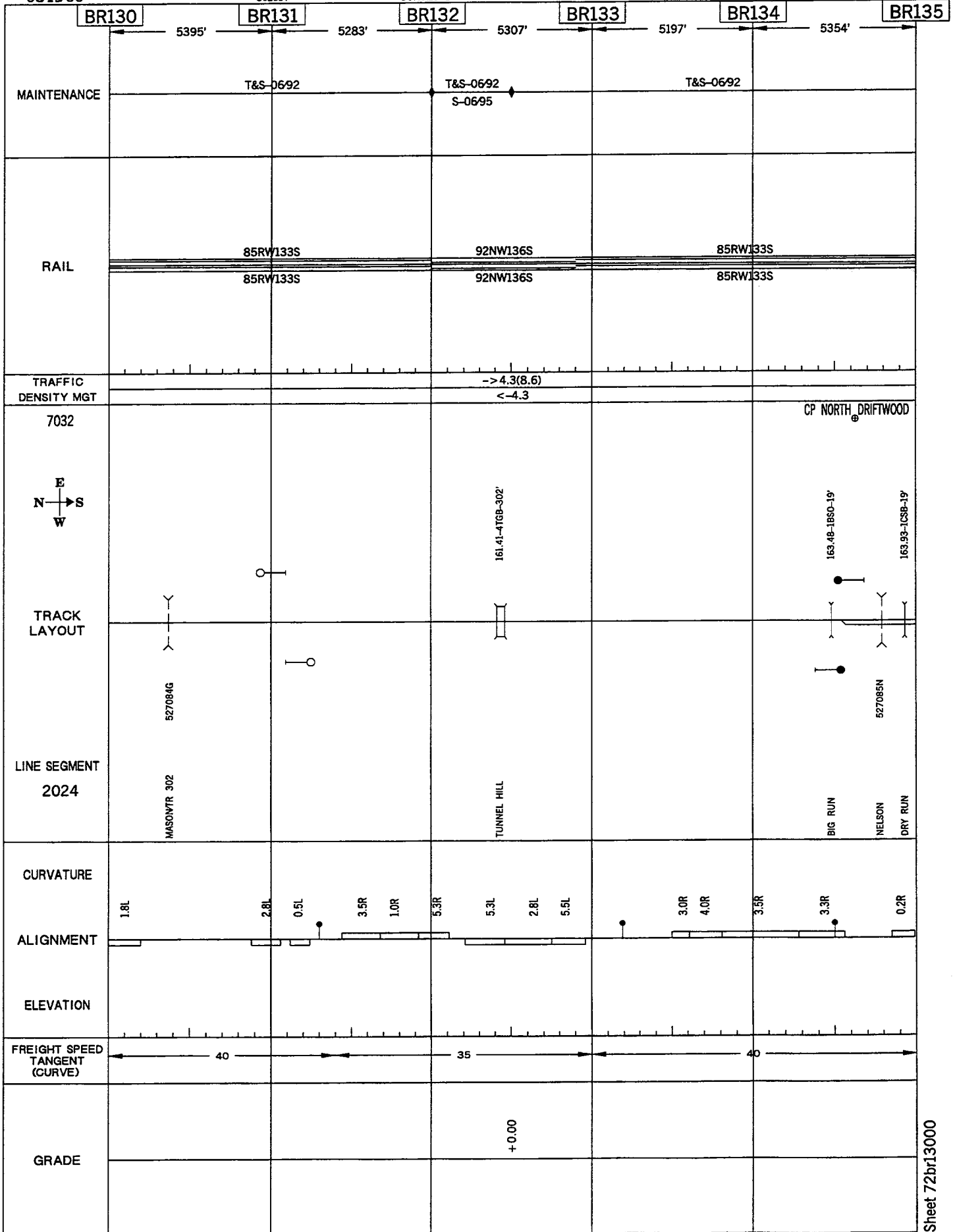
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BR132

BR131

BR130



Sheet 72br13500

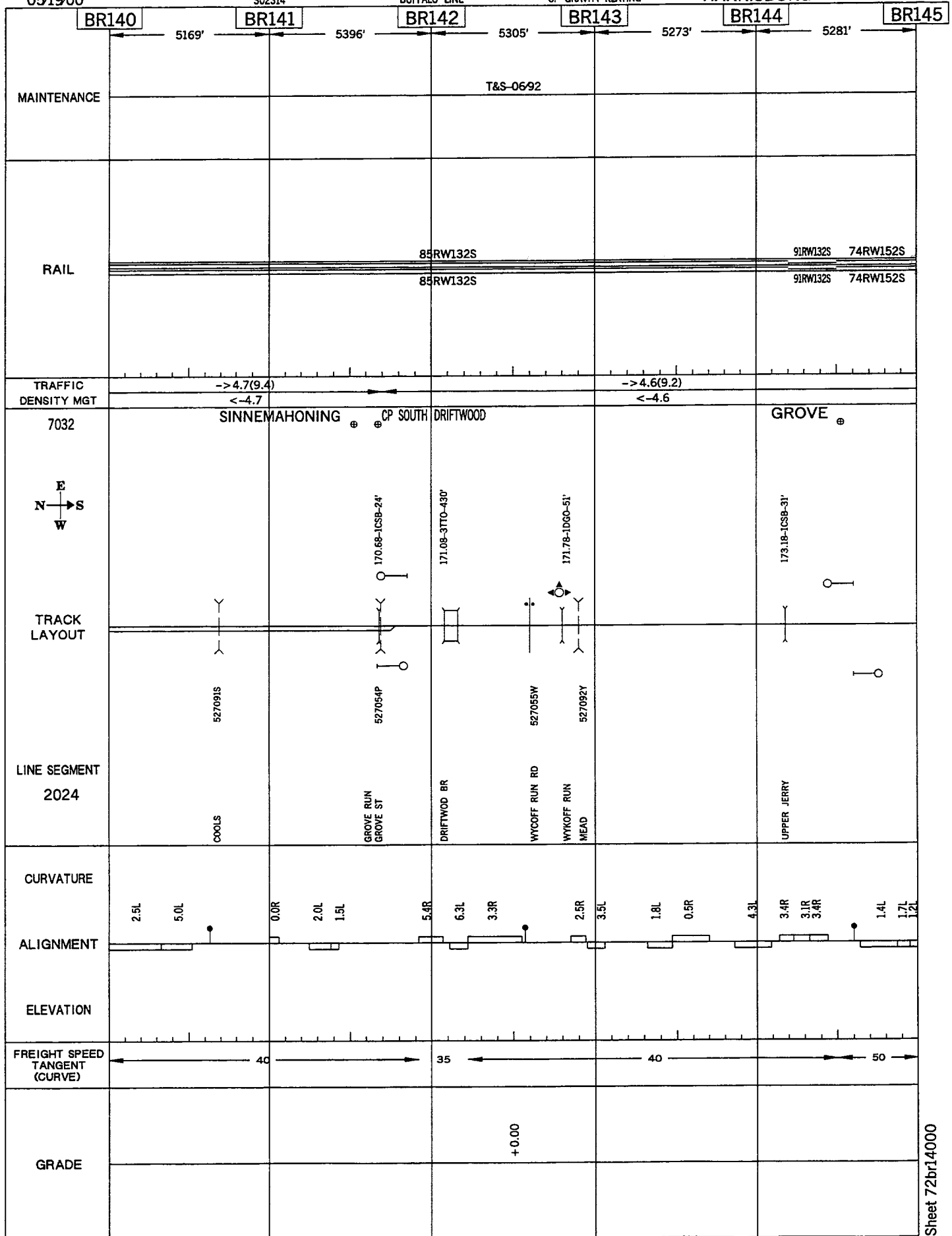
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BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



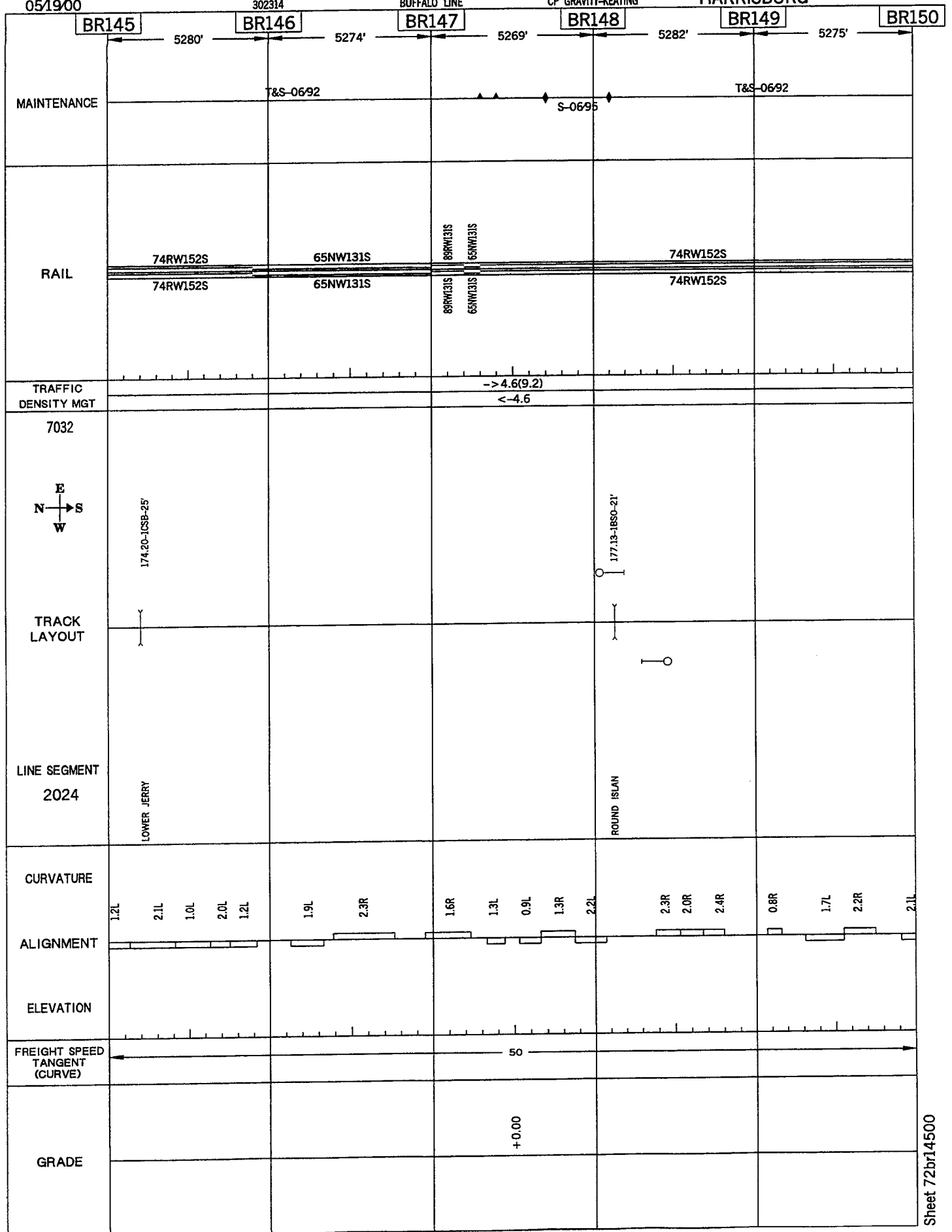
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BUFFALO LINE

CP. GRAVITY-KEATING

HARRISBURG



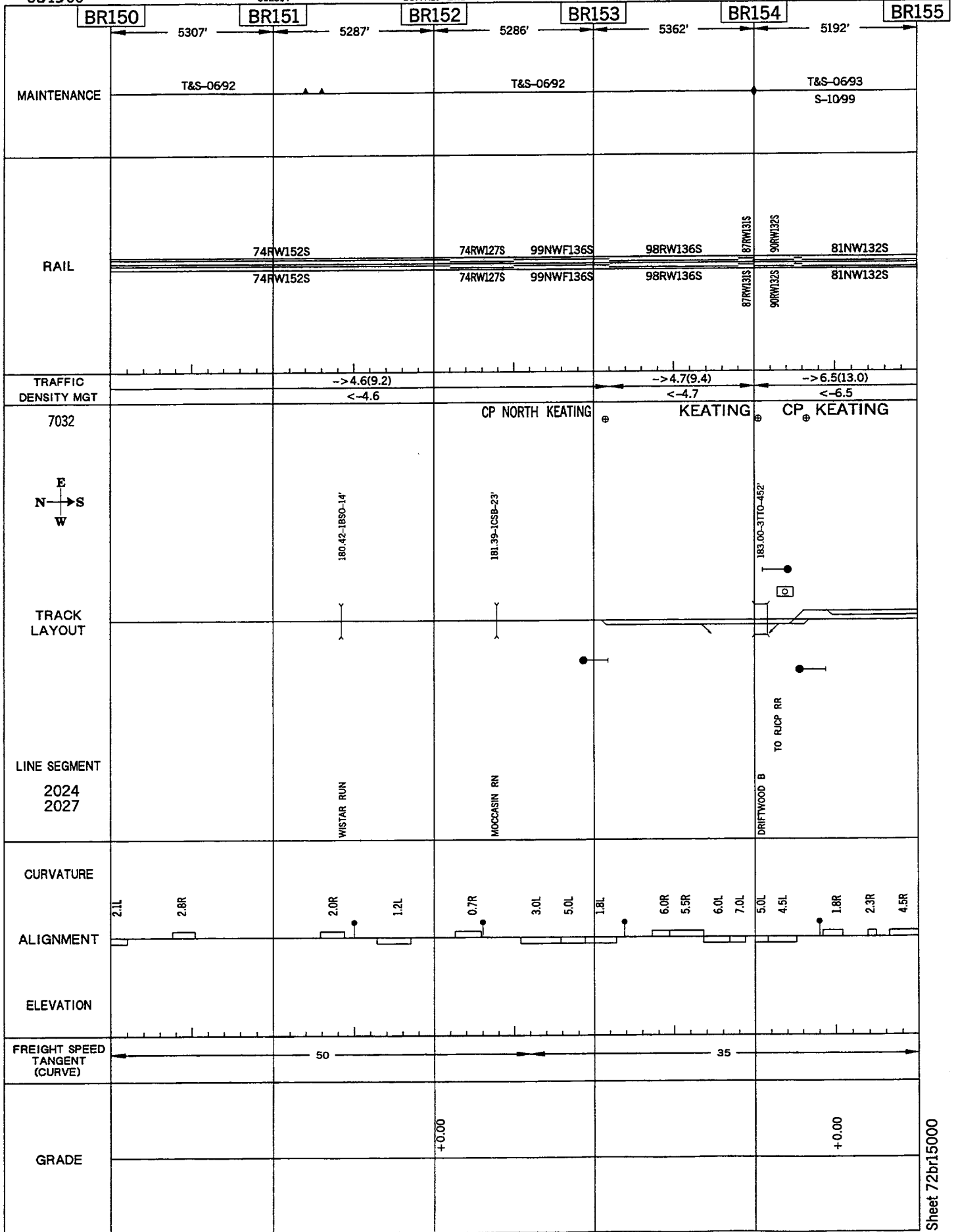
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302314

BUFFALO LINE

CP GRAVITY-KEATING

HARRISBURG



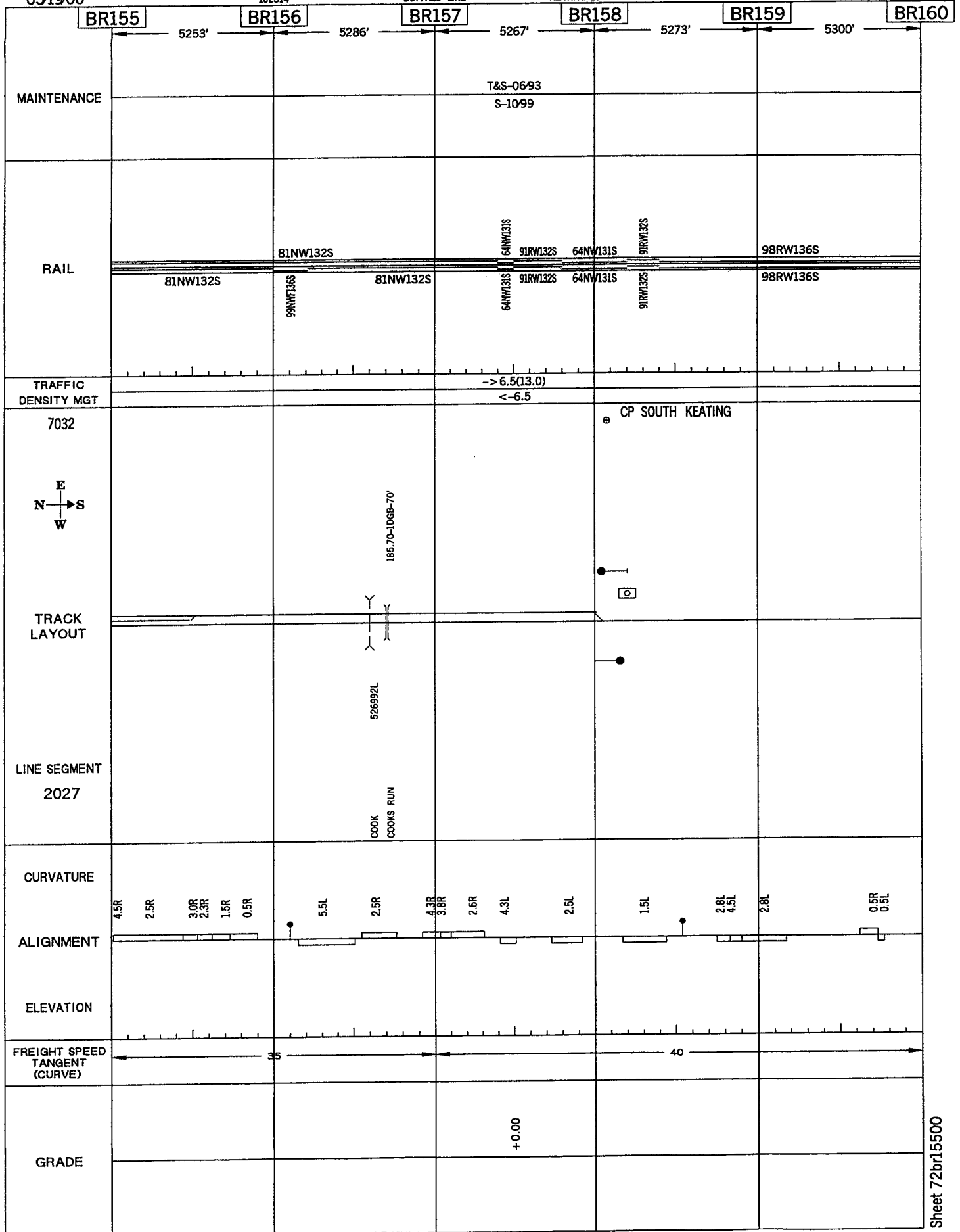
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102314

BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



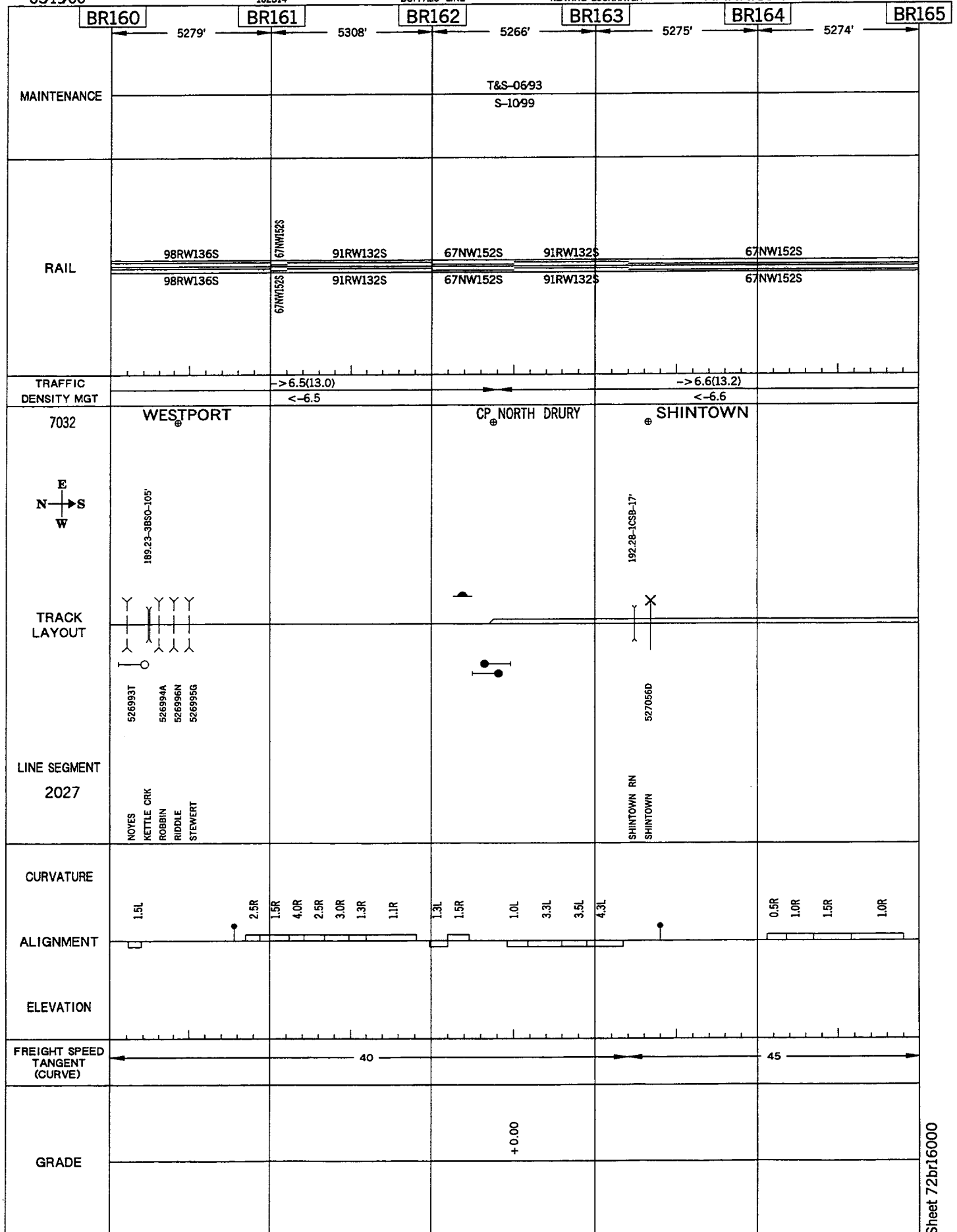
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BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



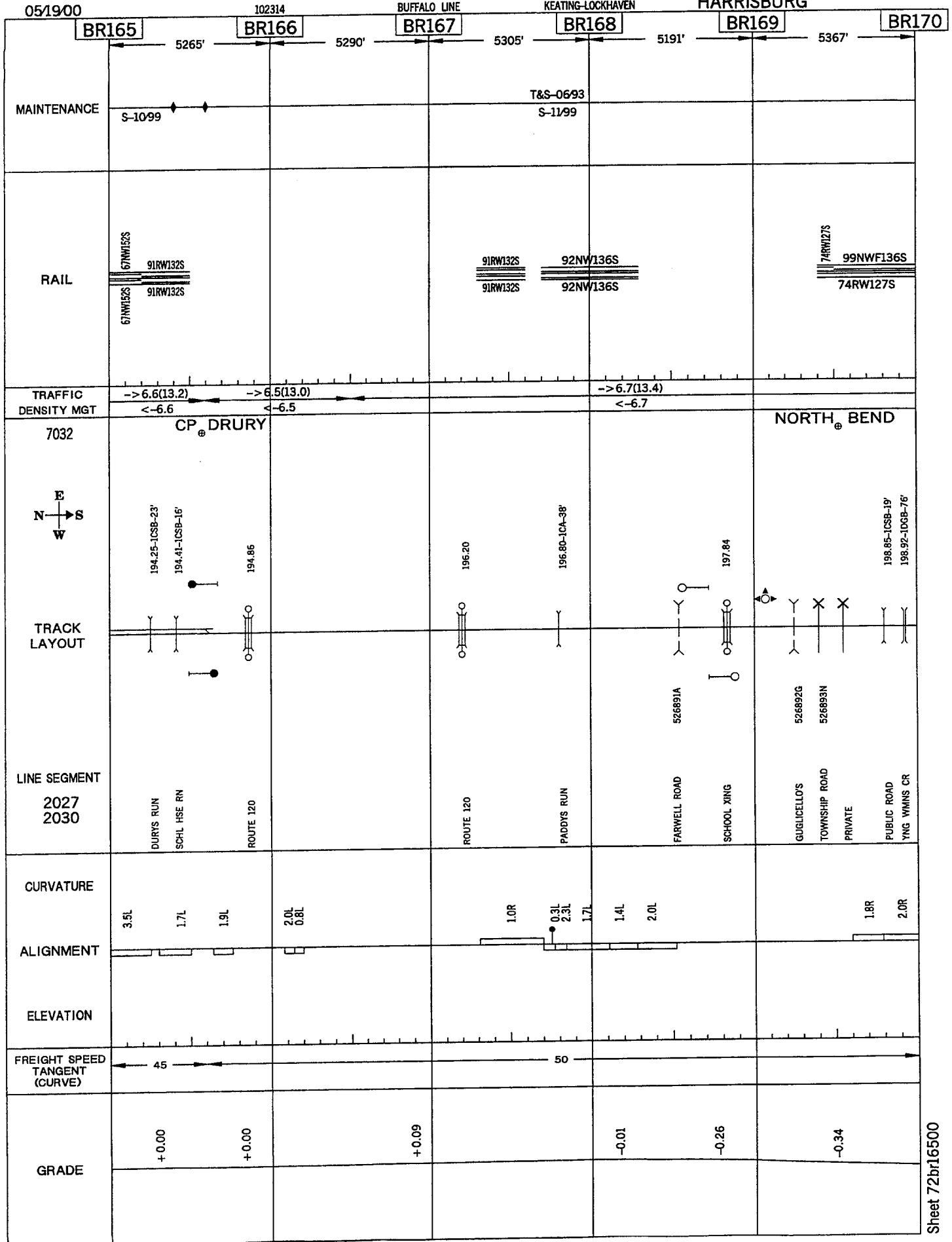
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102314

BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



080

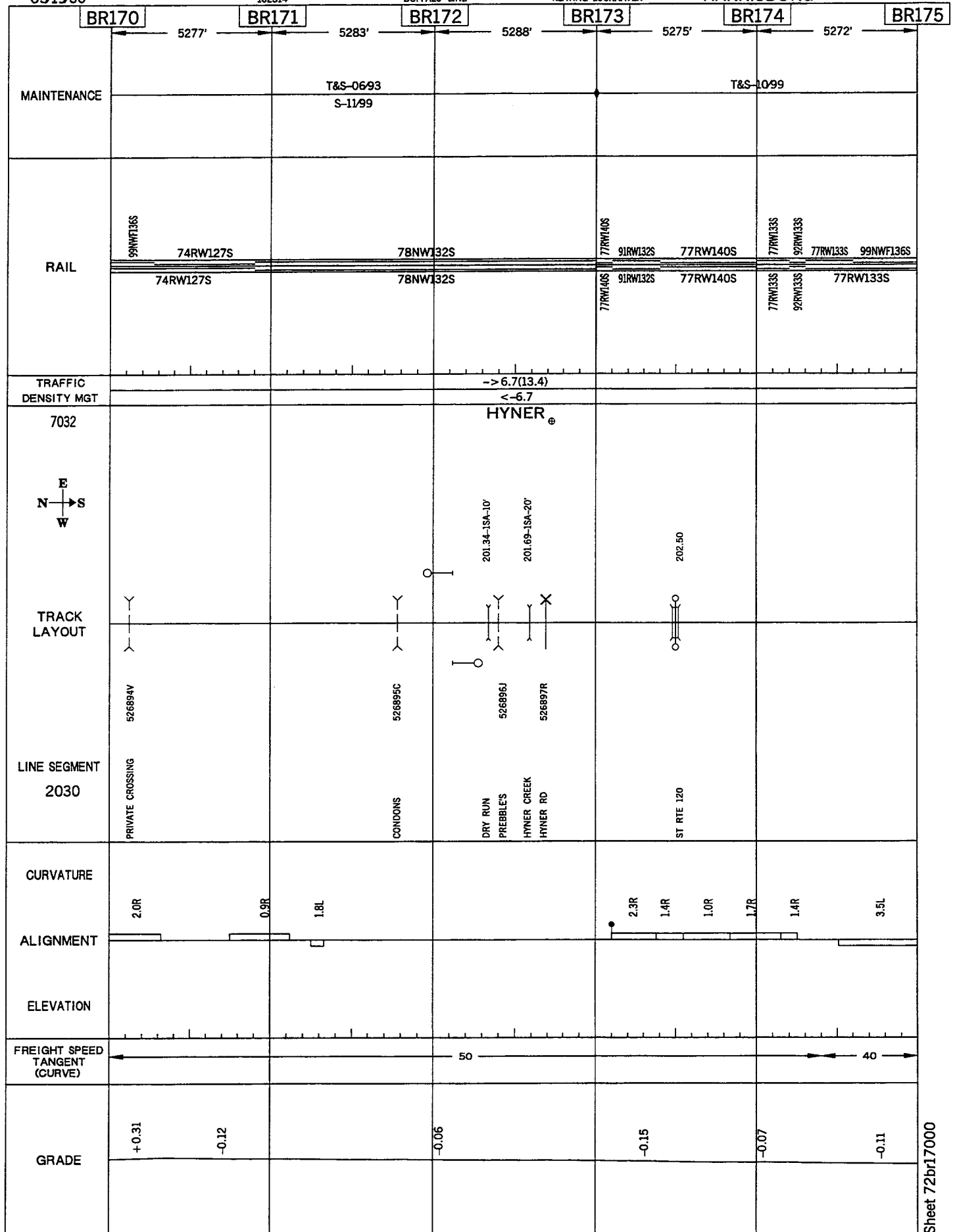
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102314

BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



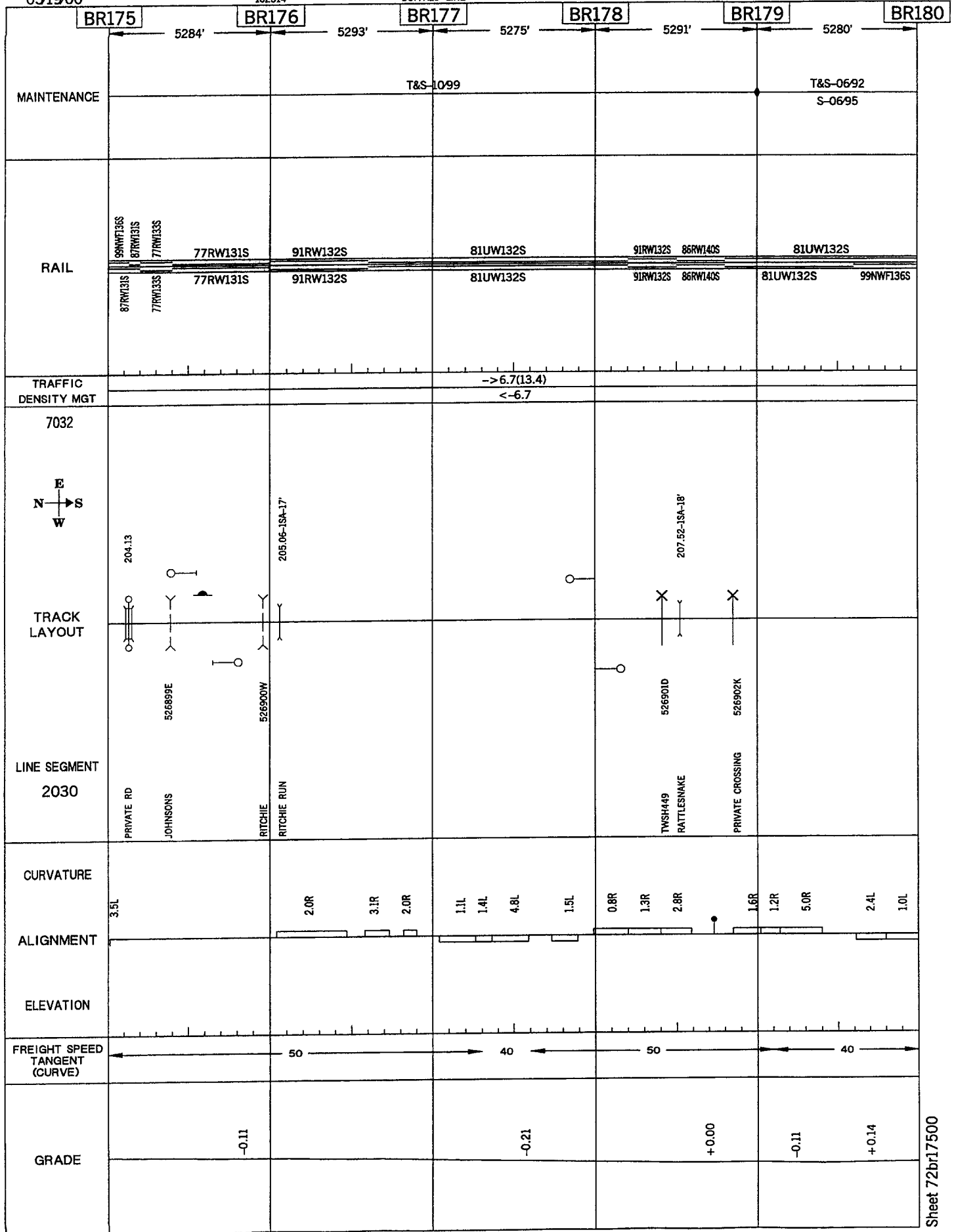
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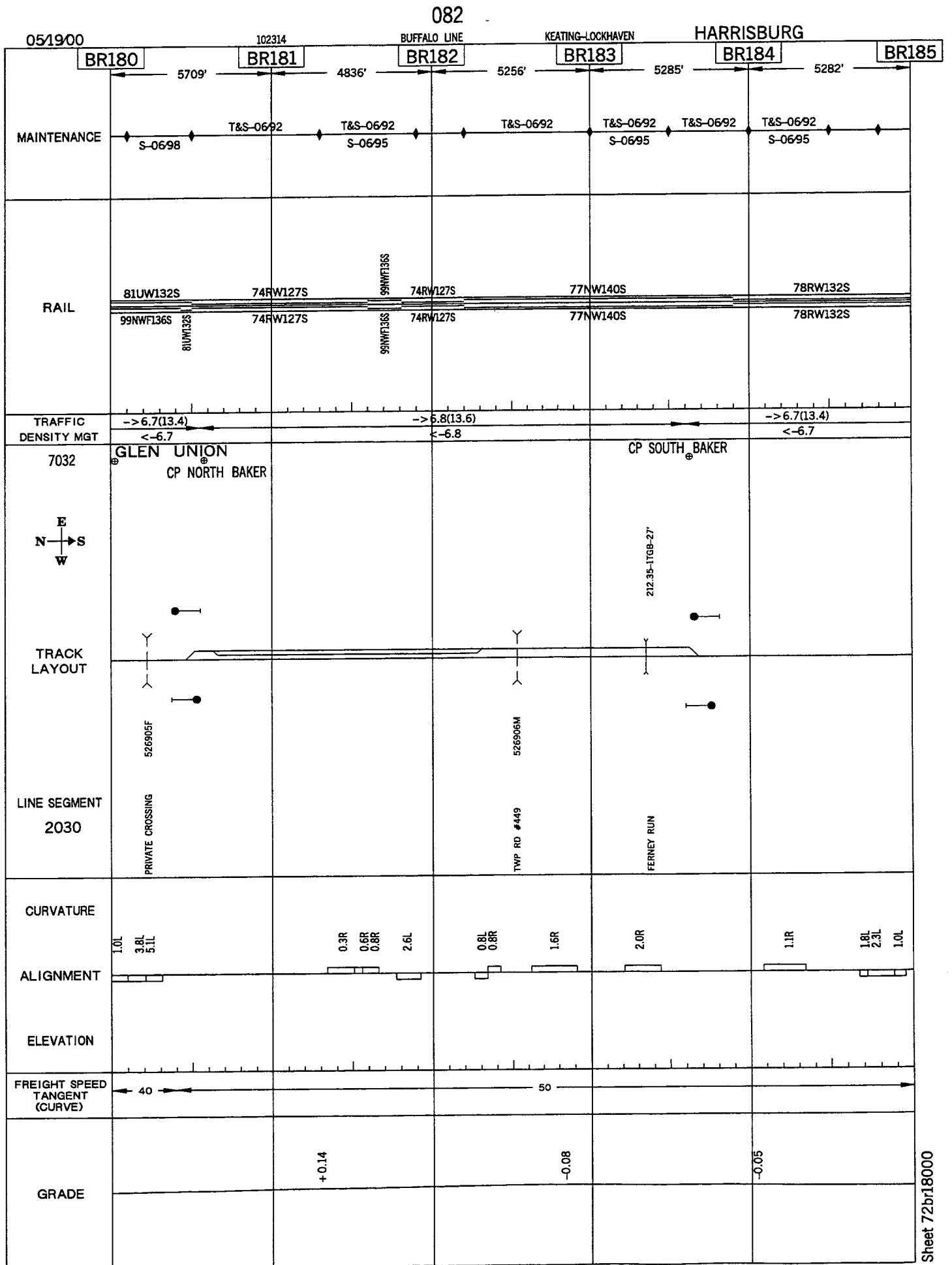
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BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG





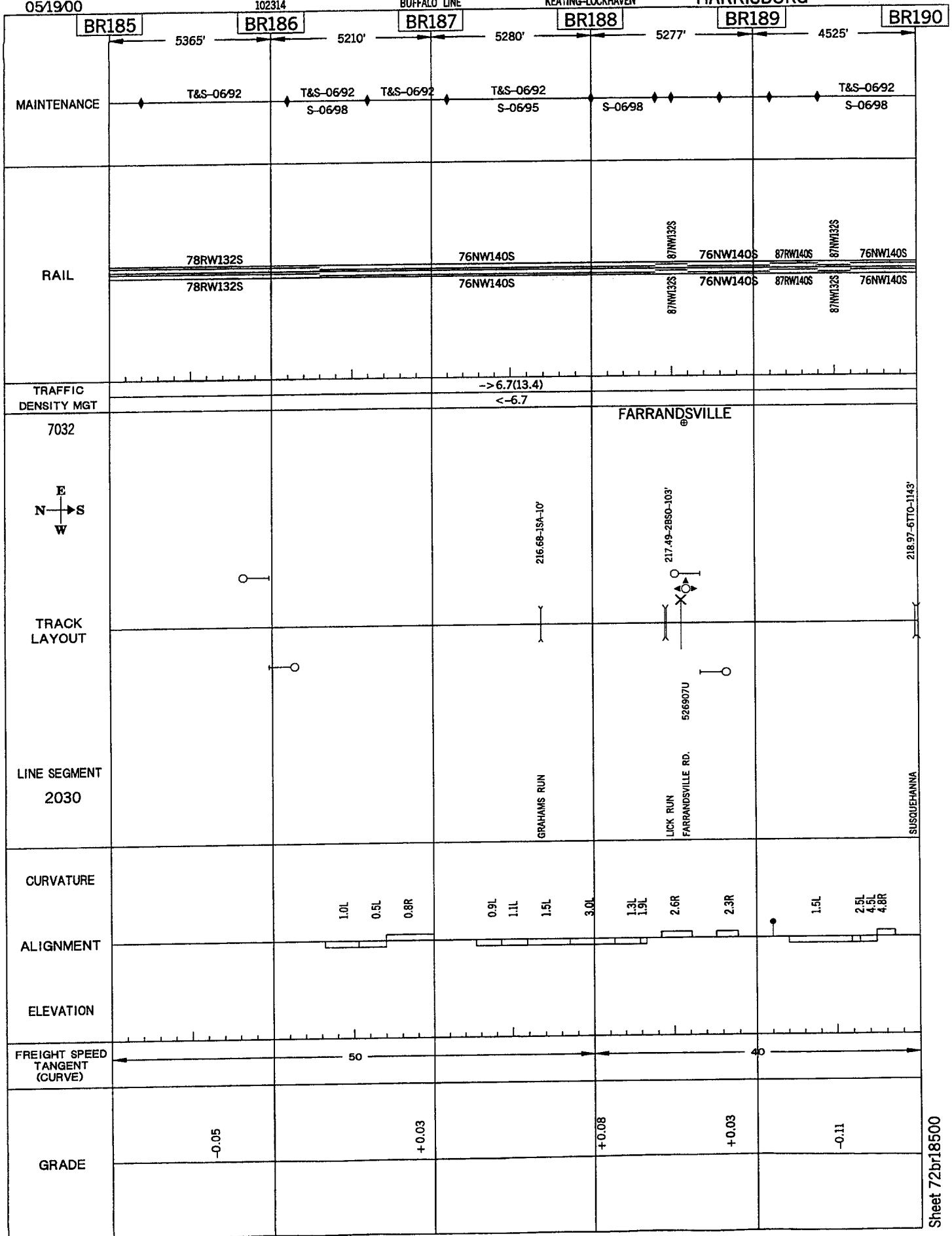
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BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



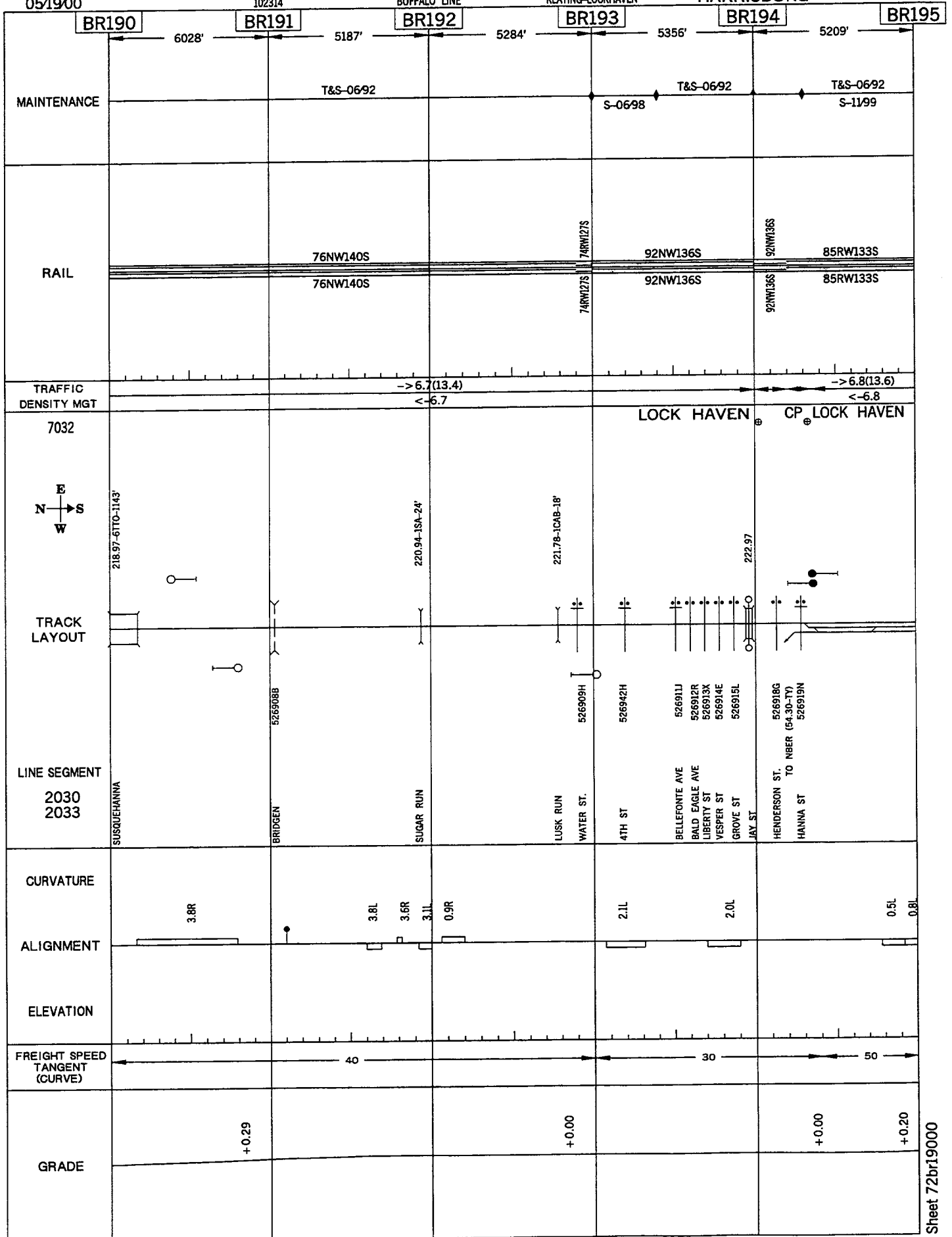
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102314

BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



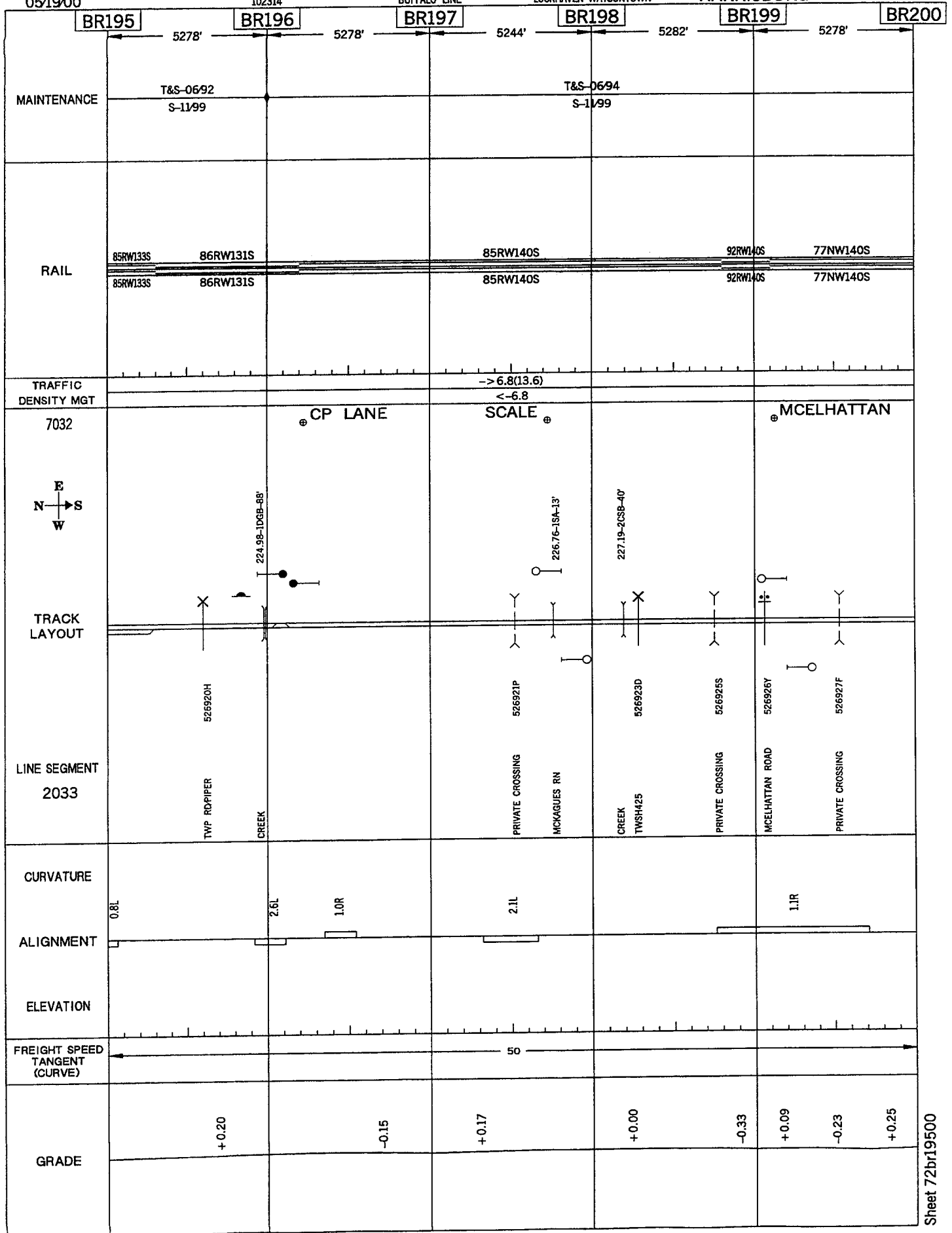
05/1900

102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



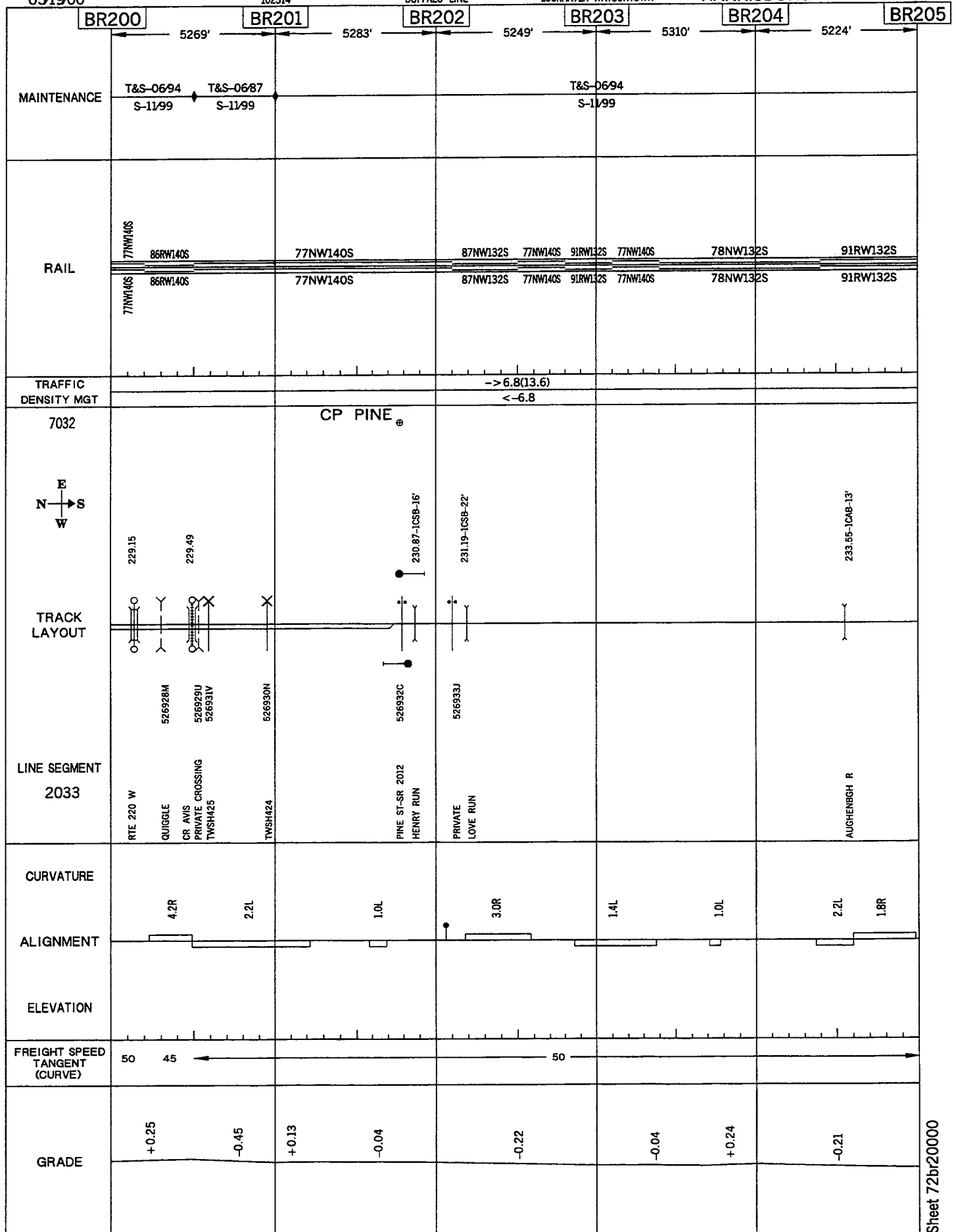
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102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



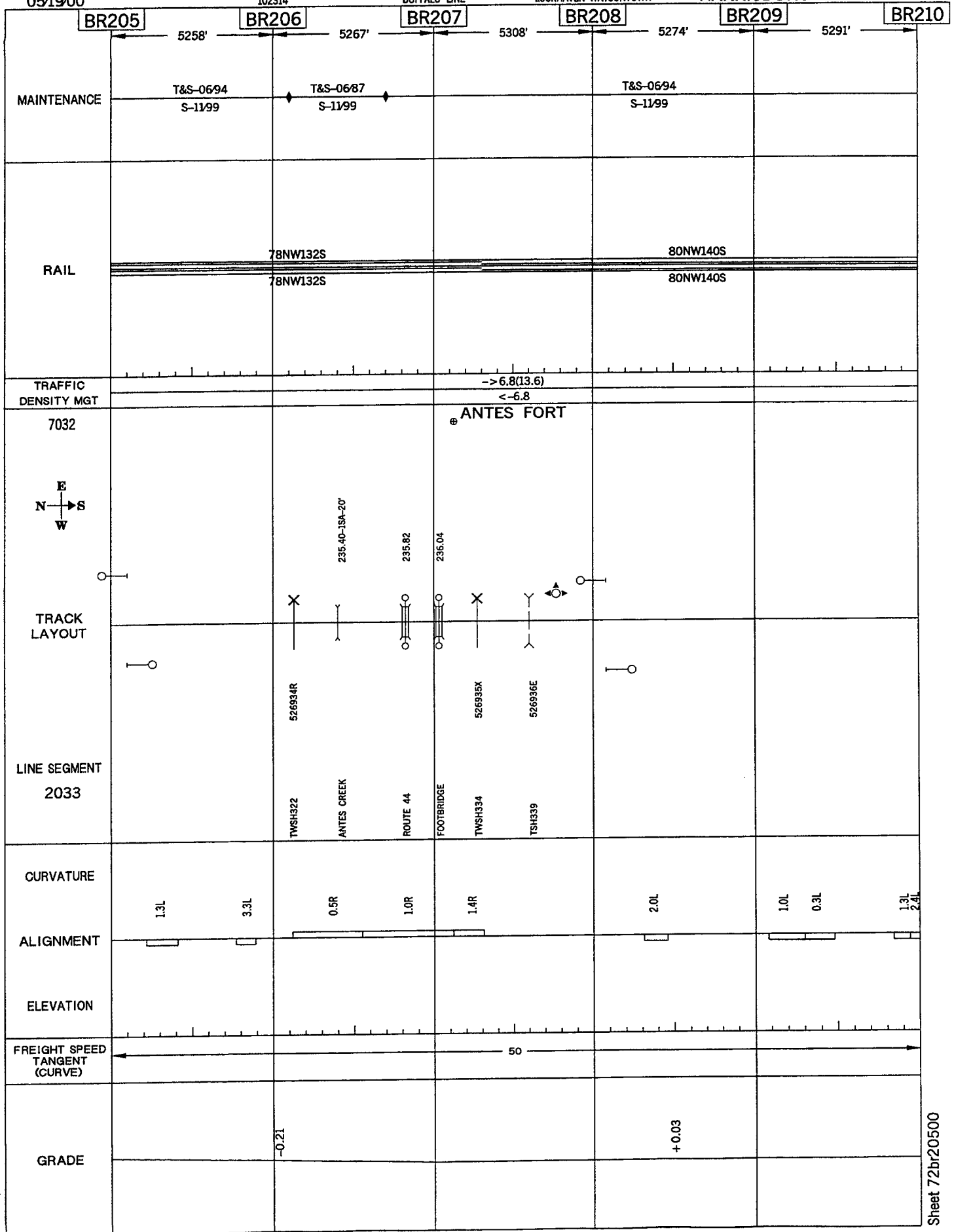
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102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



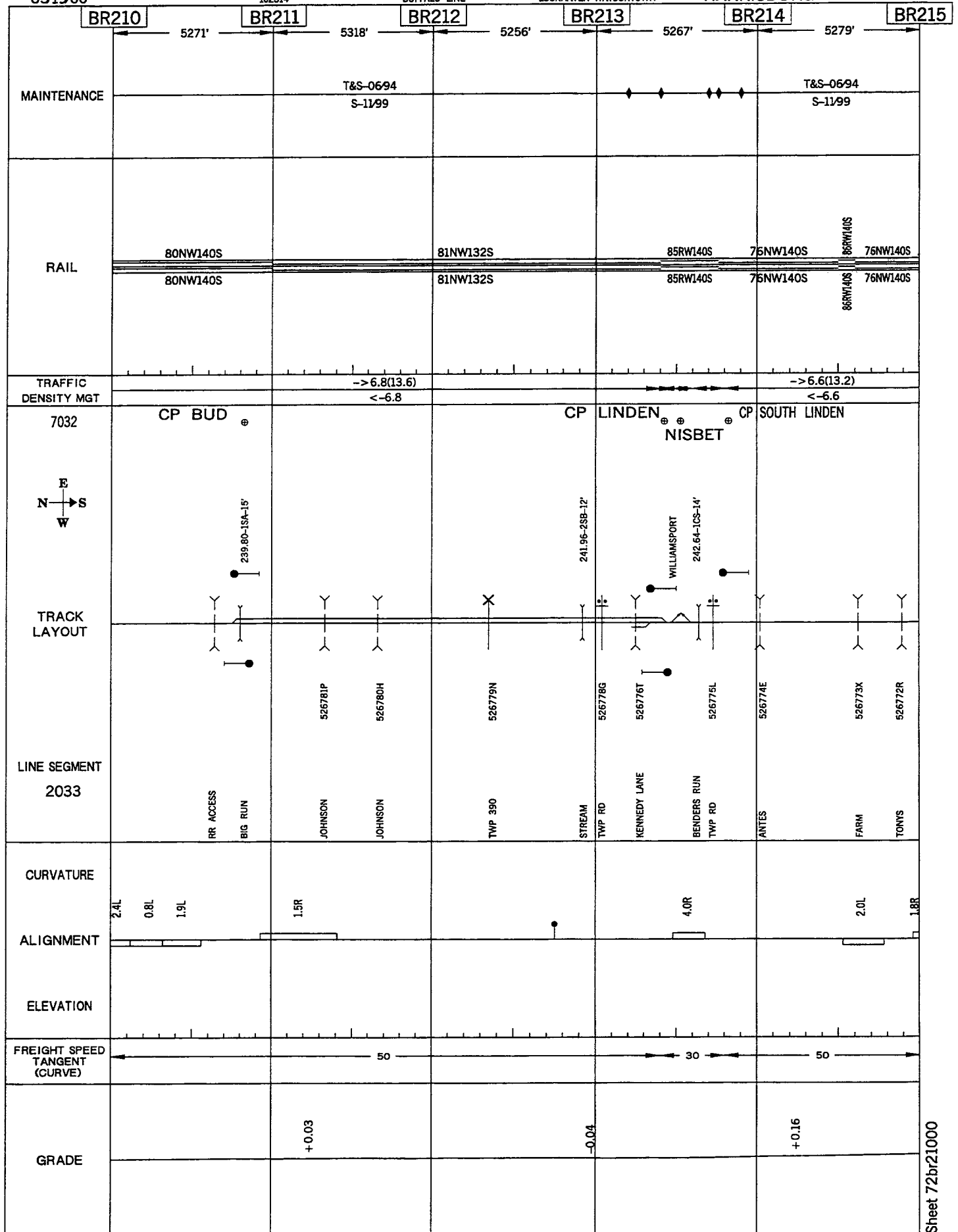
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102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



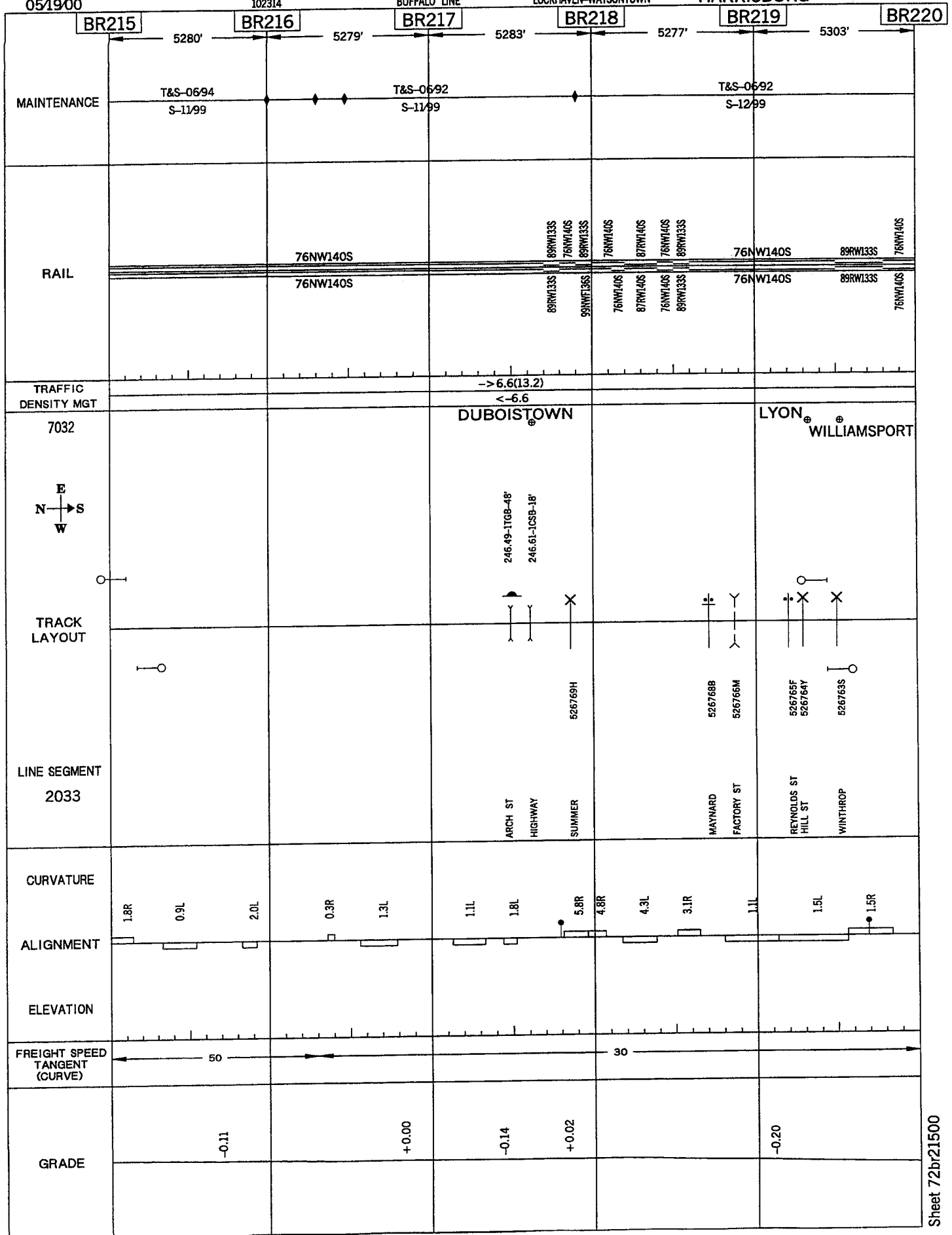
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102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



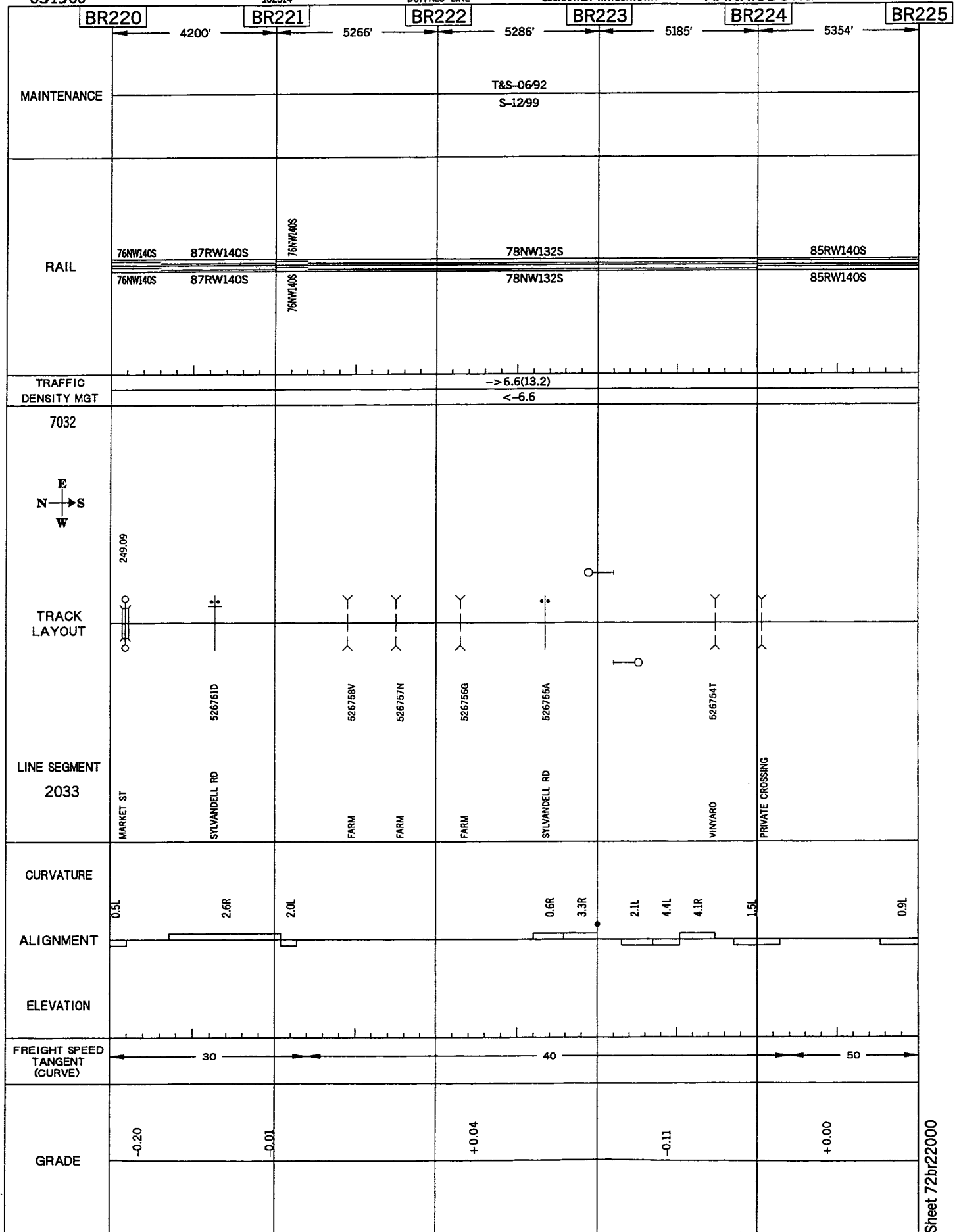
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102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



Sheet 72br22500

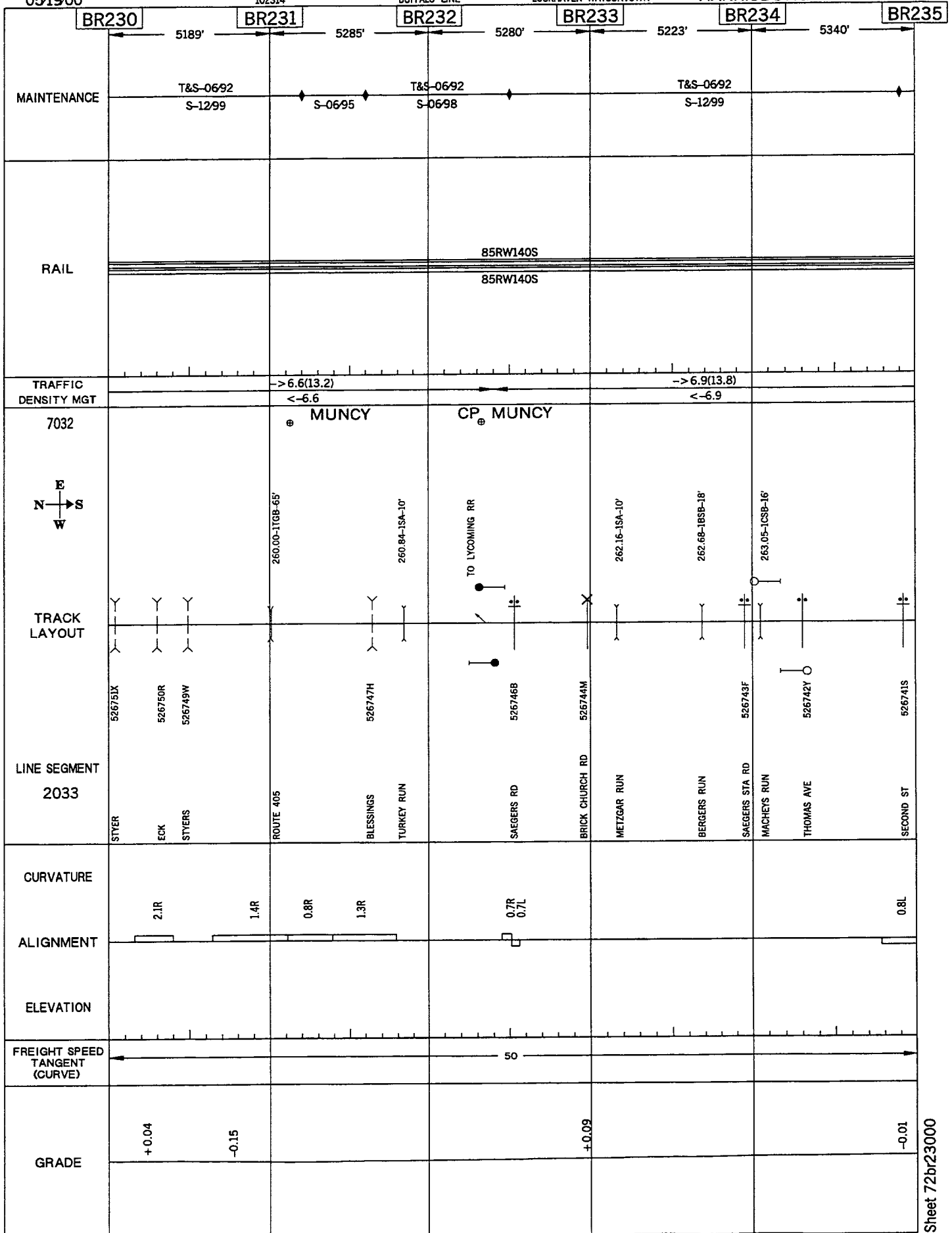
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102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



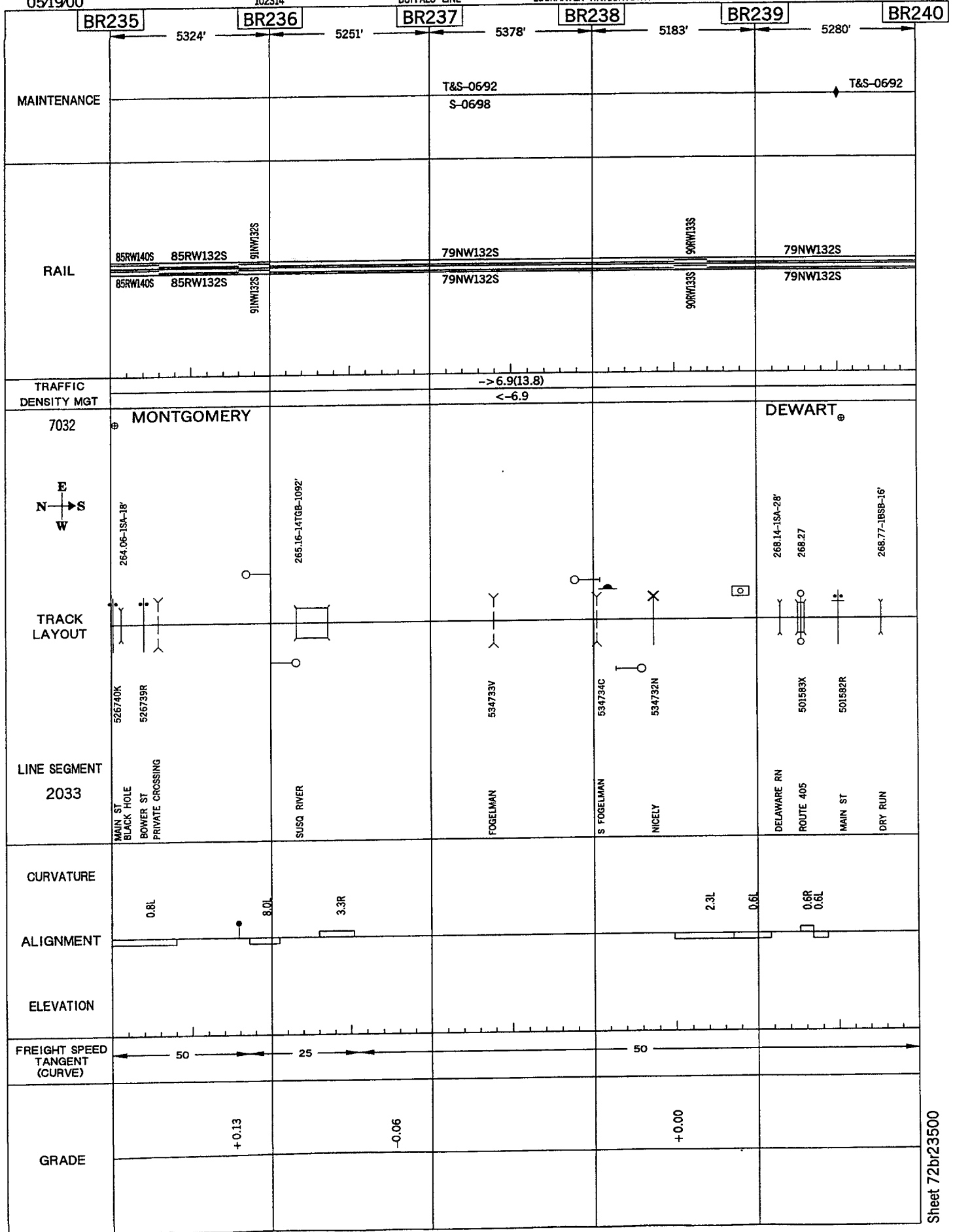
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102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



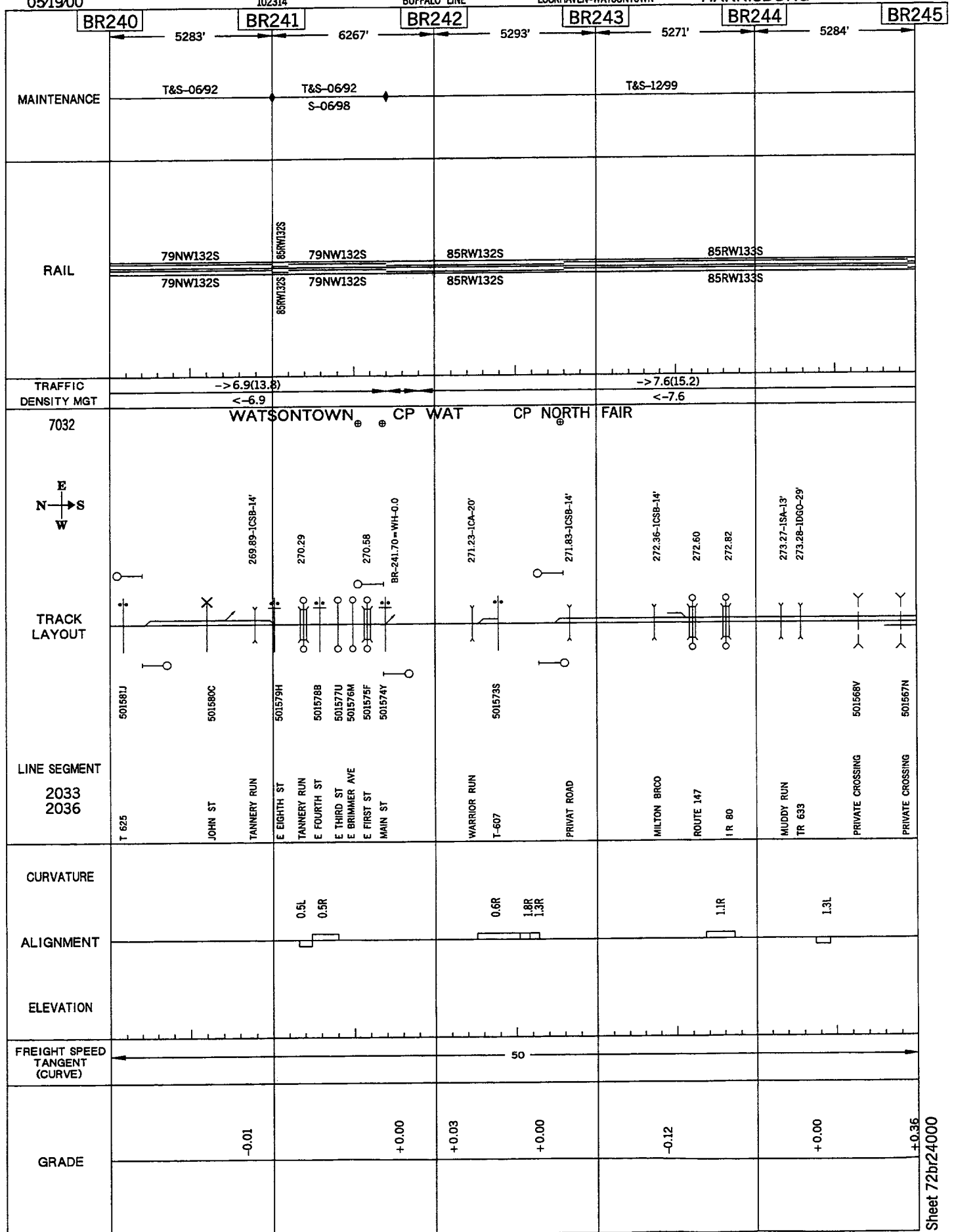
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102314

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



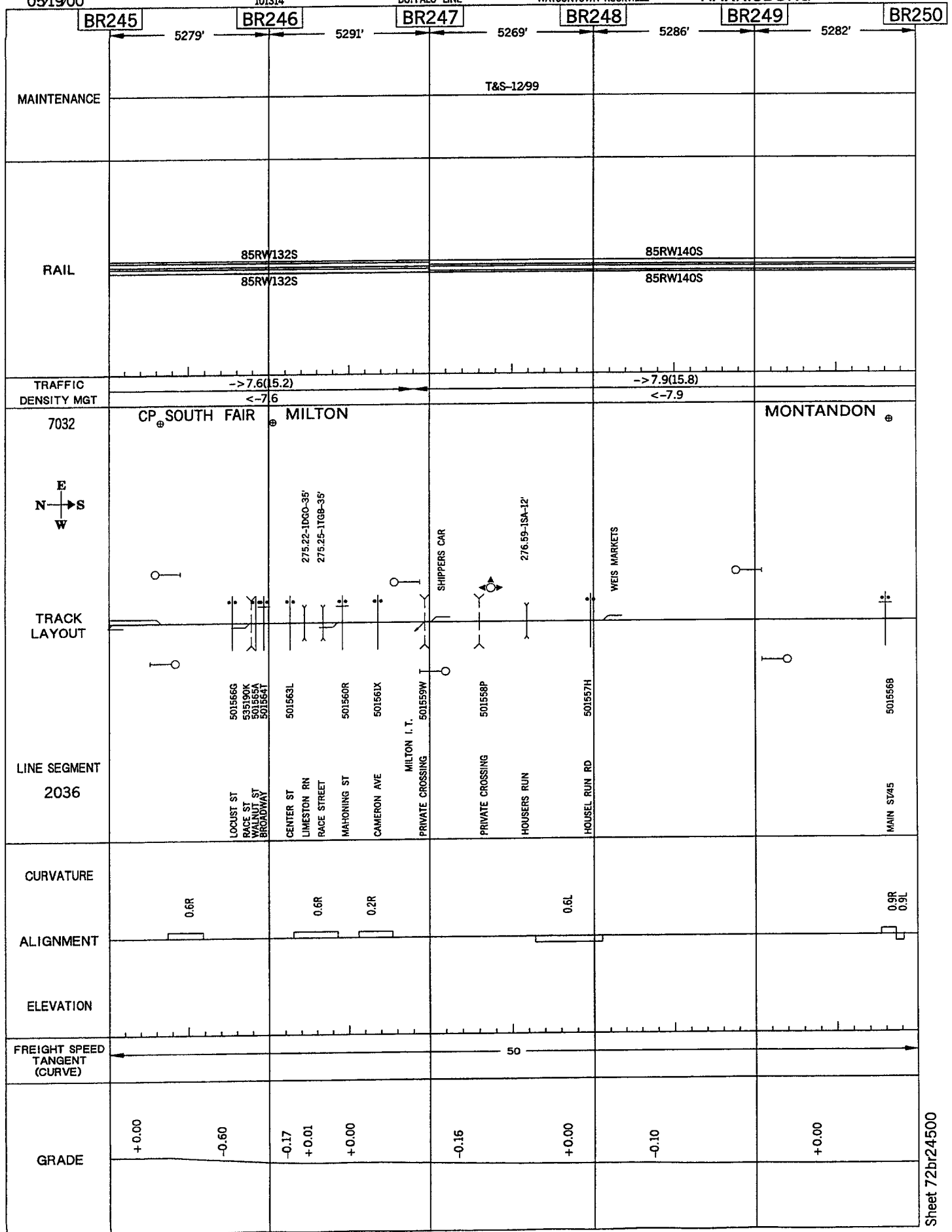
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101314

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



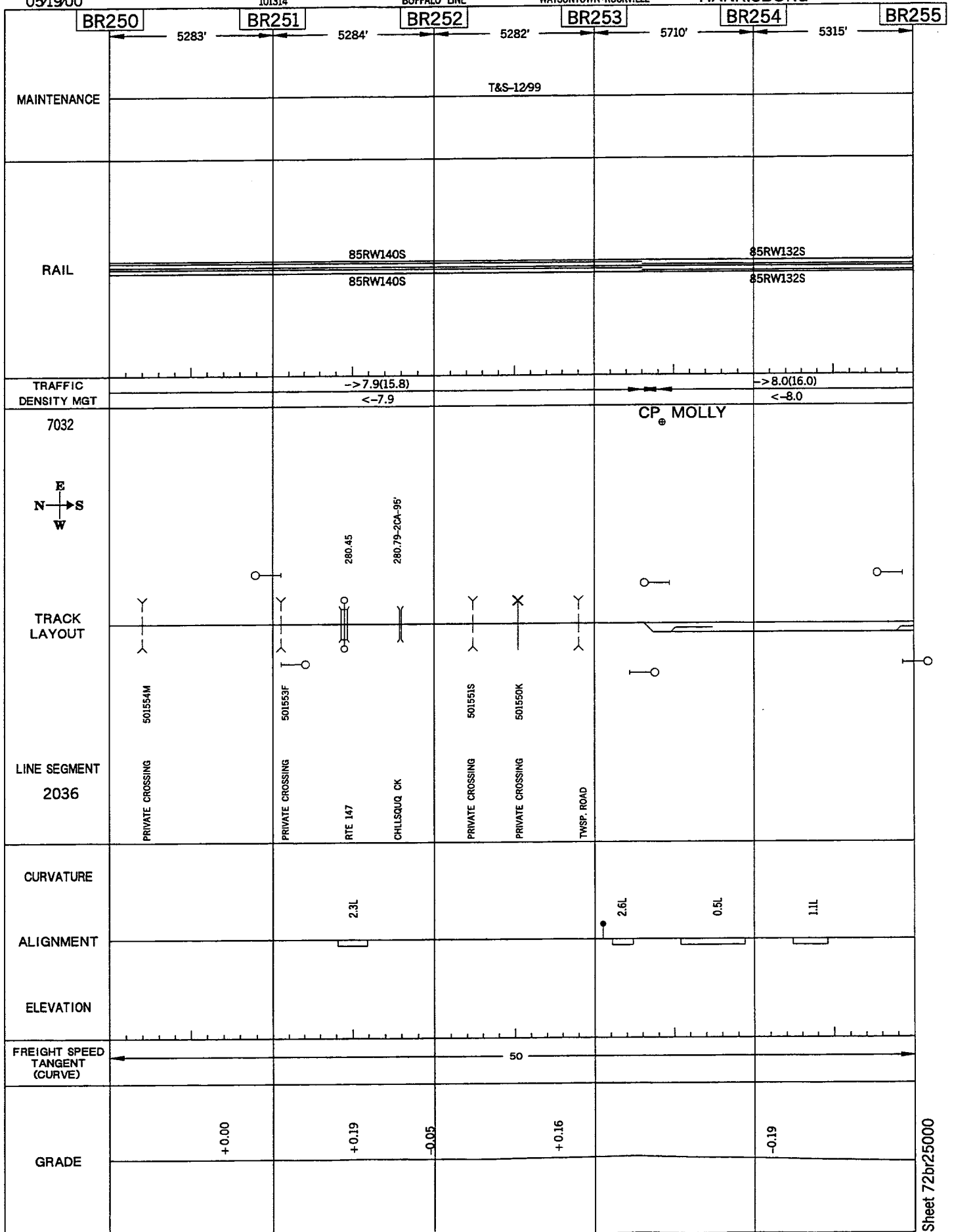
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101314

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



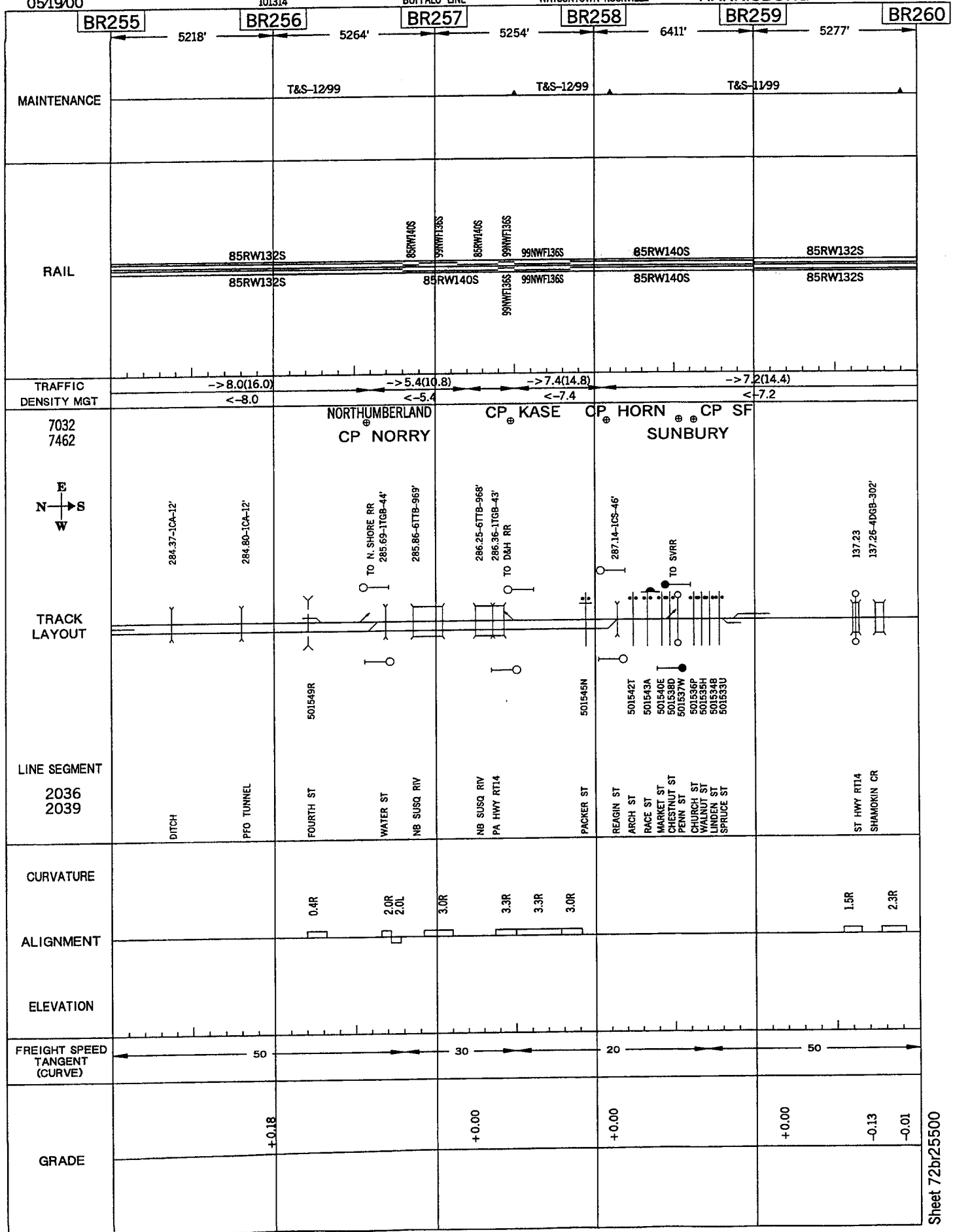
05/19/00

101314

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



05/19/00

101314

BUFFALO LINE

WATSON TOWN-ROCKVILLE

HARRISBURG

BR265

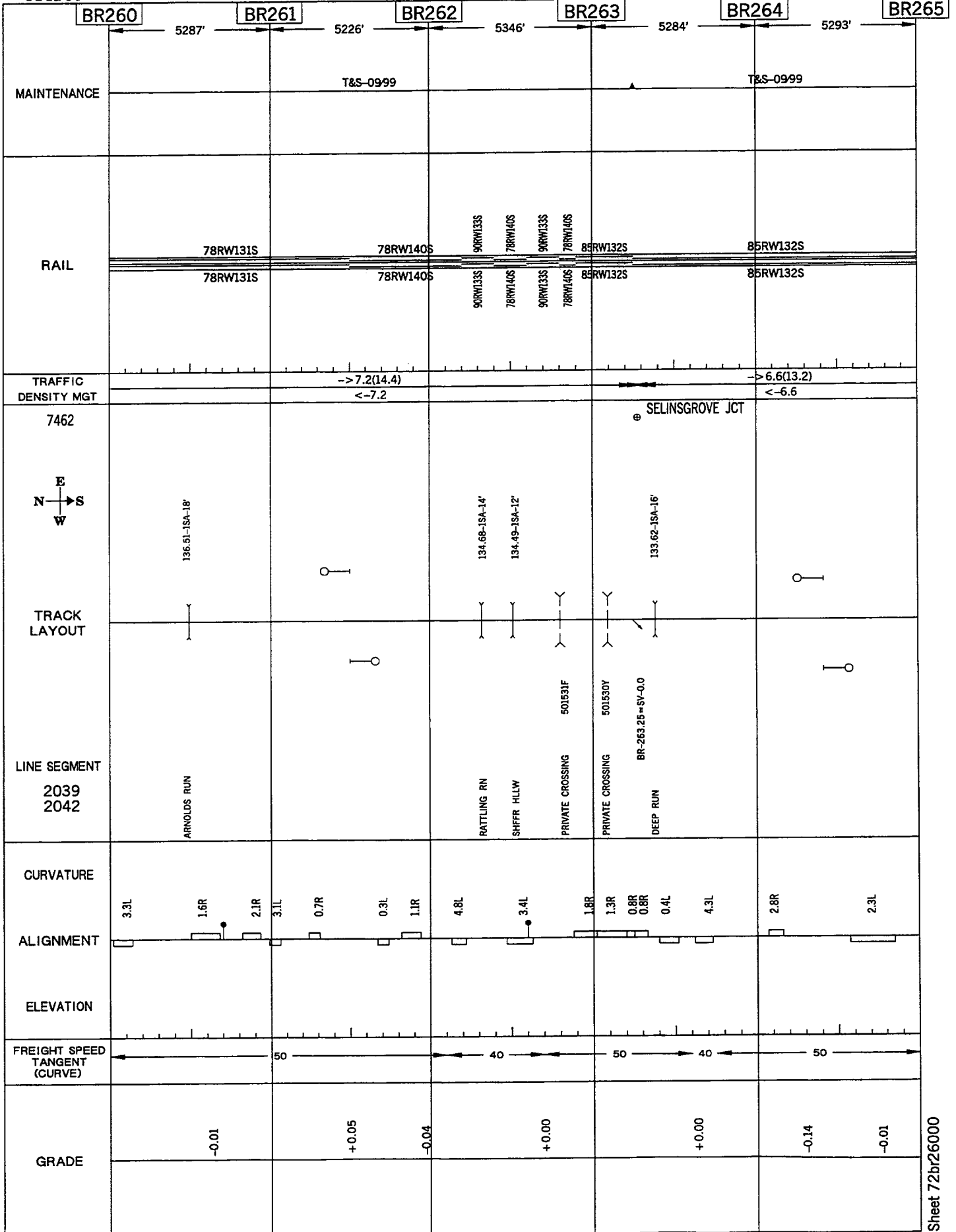
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BR261

BR262

BR263

BR264



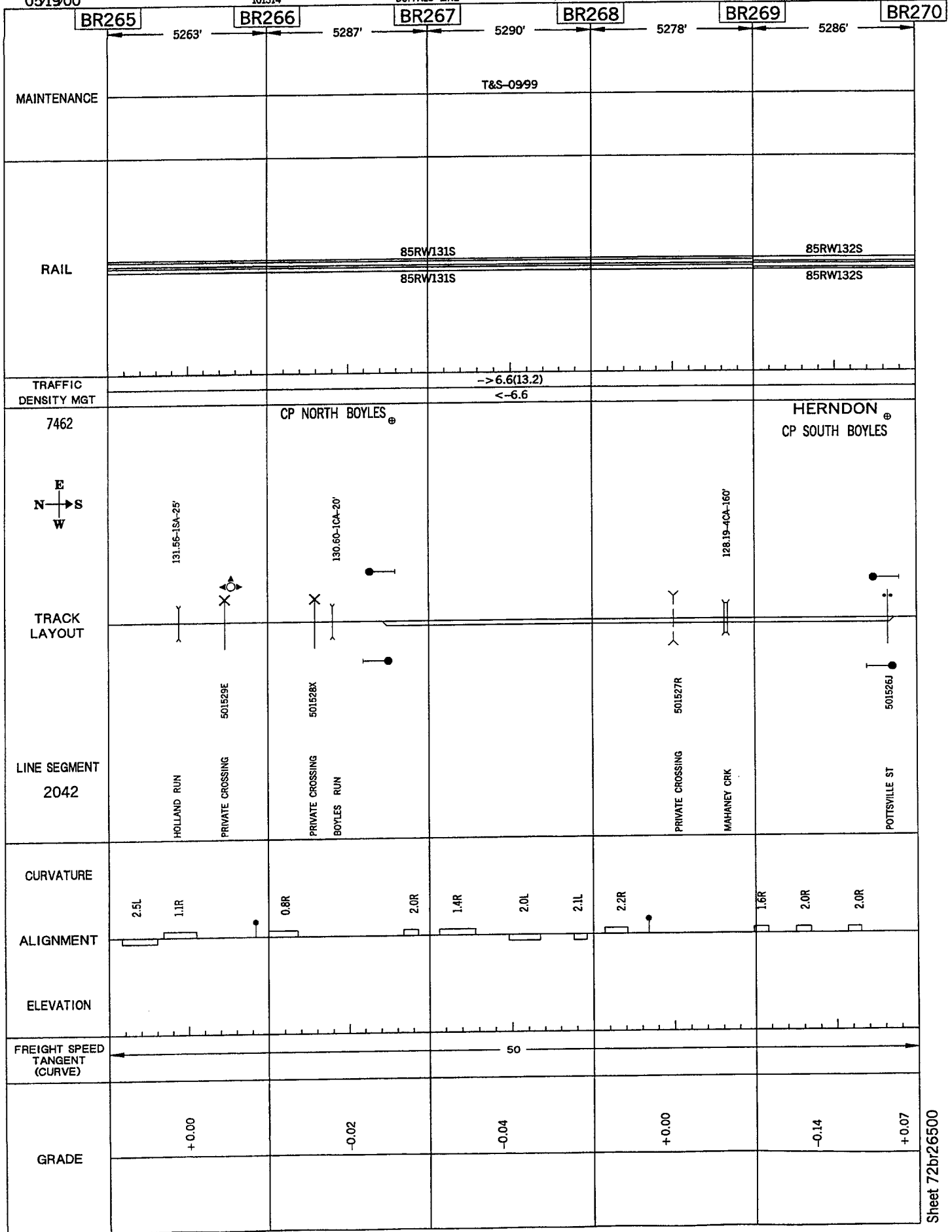
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101314

BUFFALO LINE

WATSON TOWN-ROCKVILLE

HARRISBURG



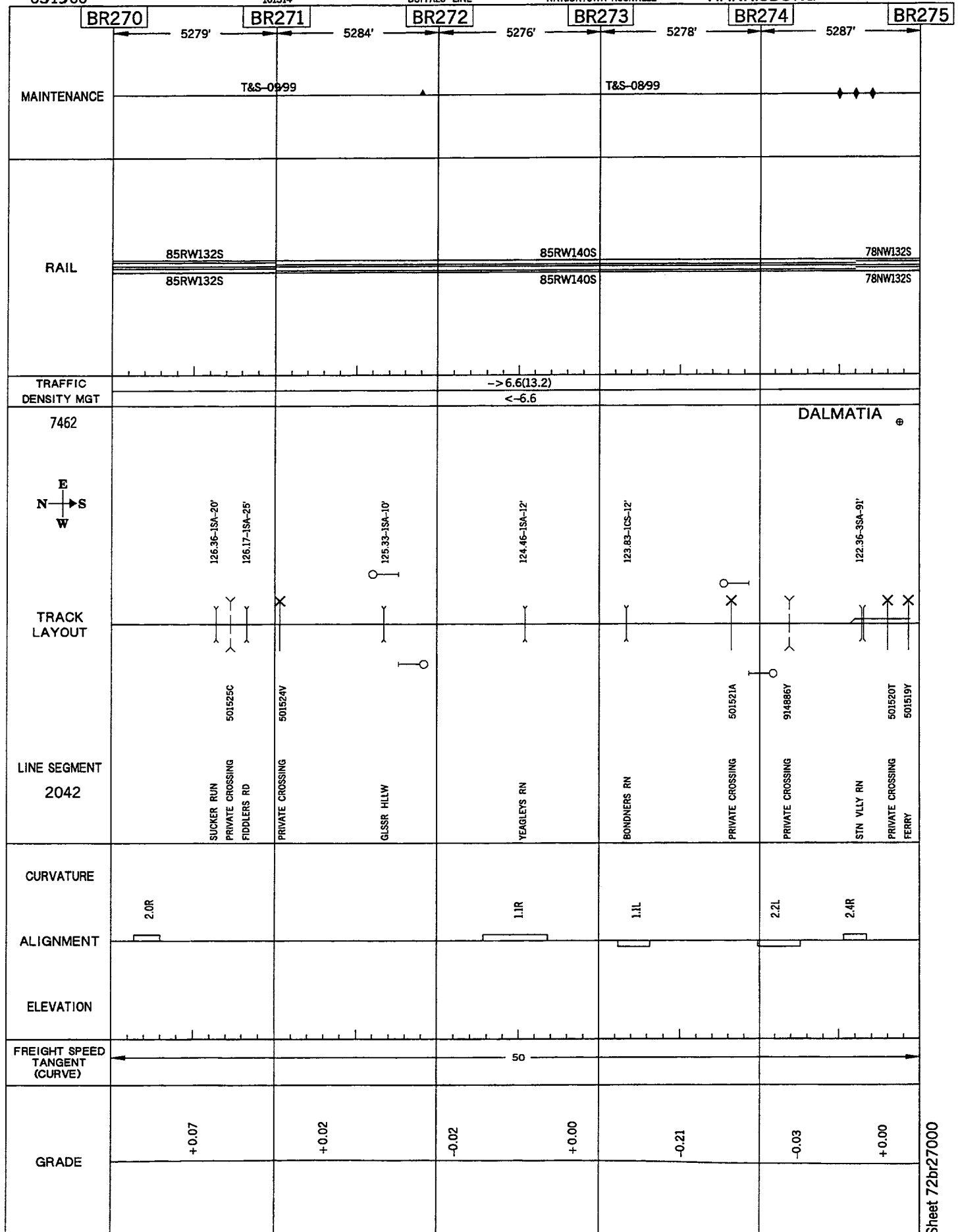
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BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



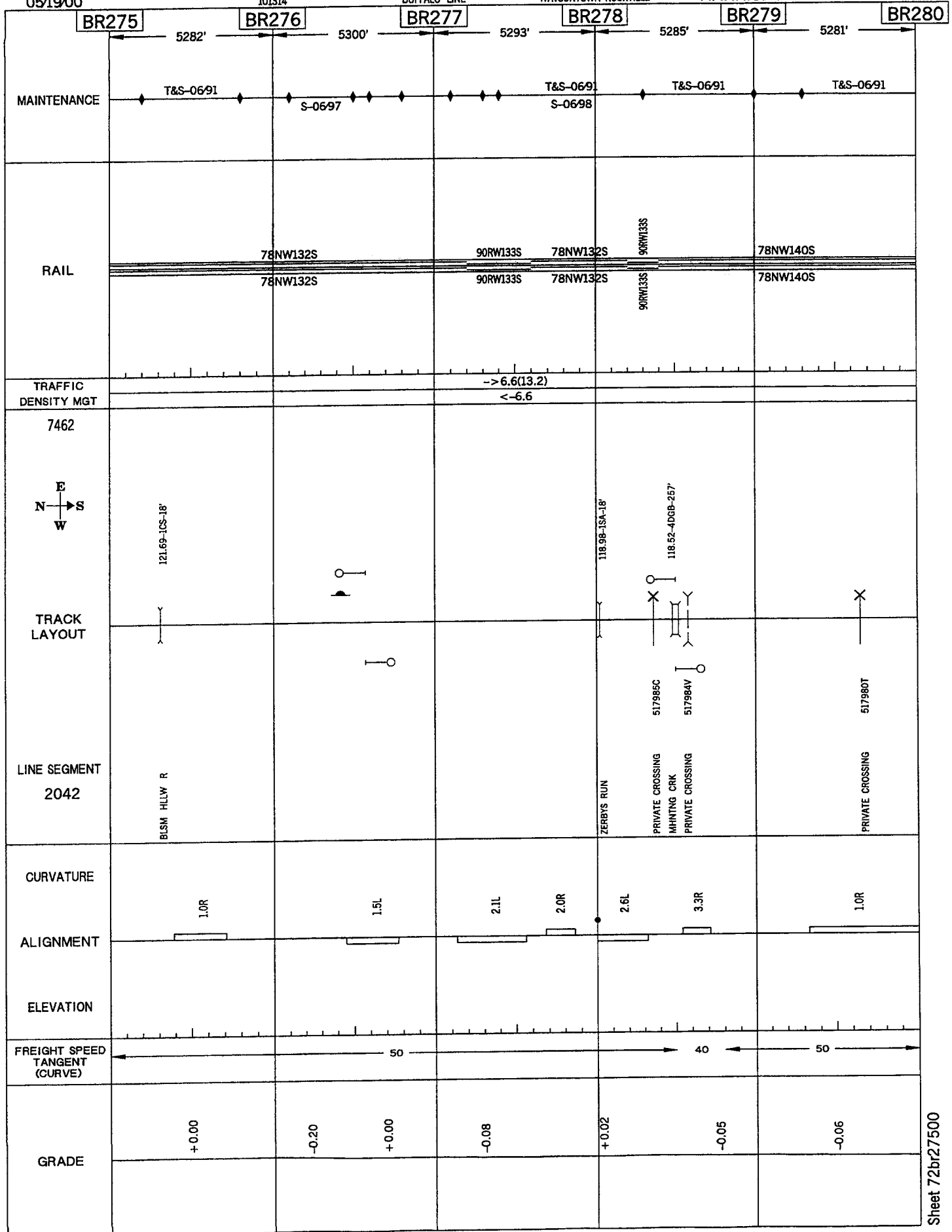
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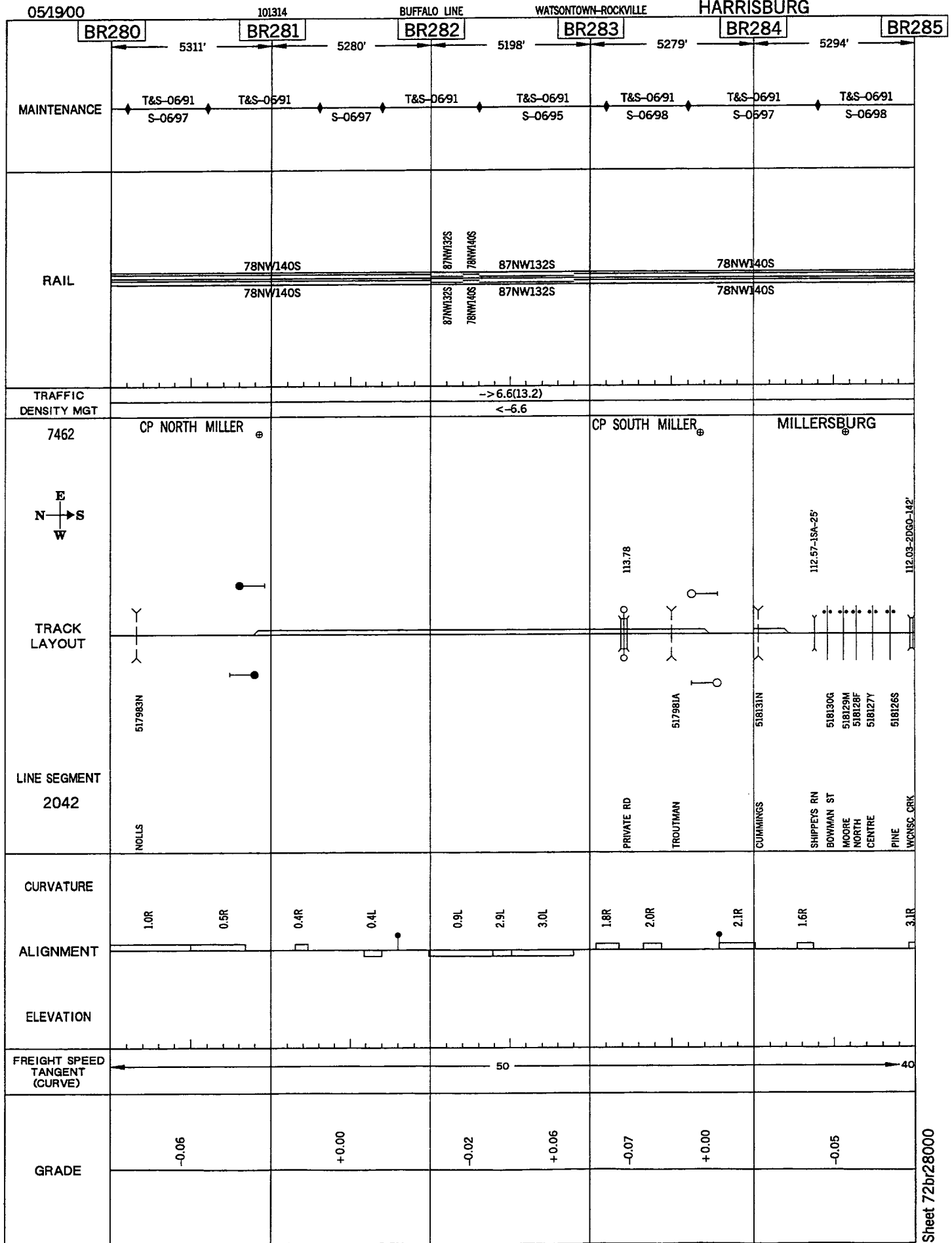
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BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG





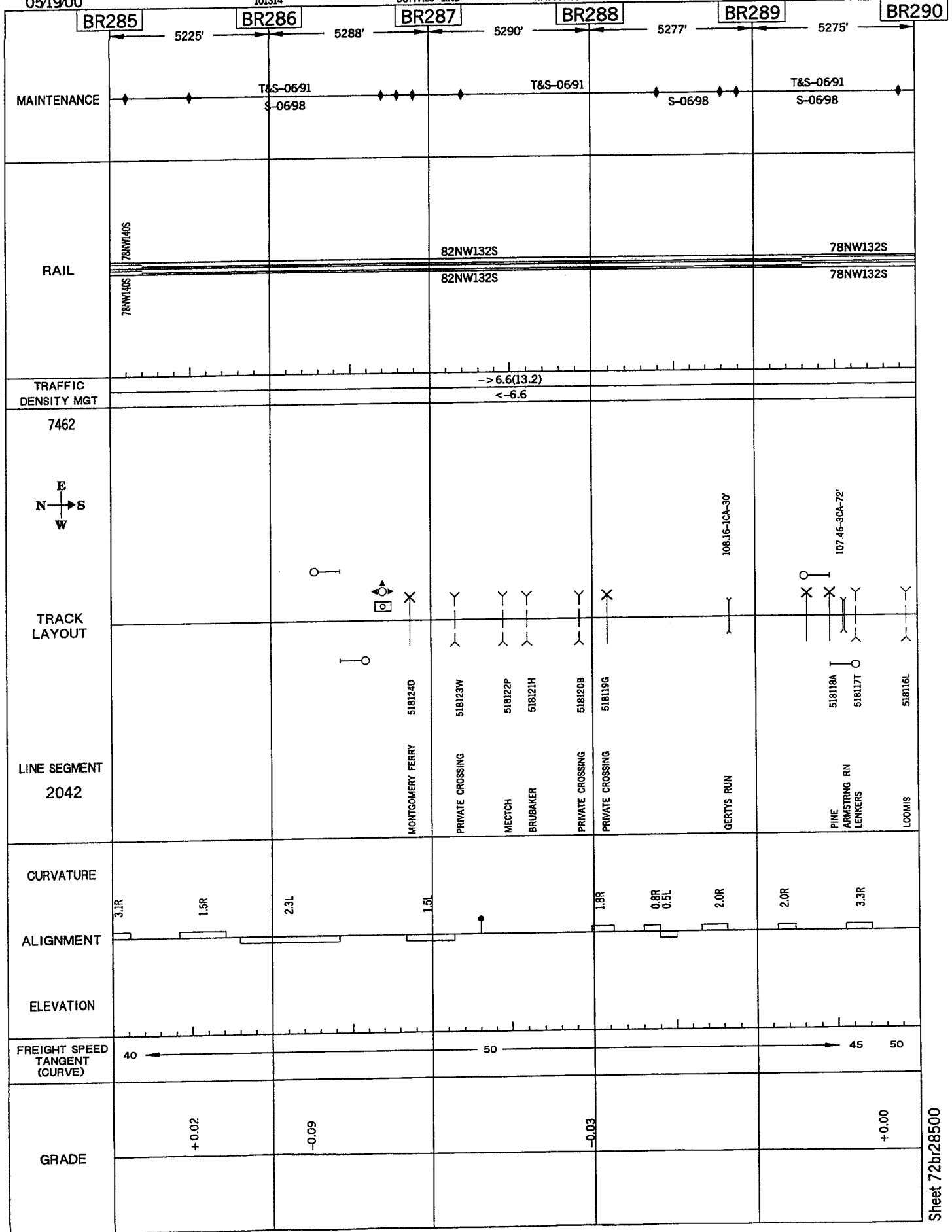
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BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



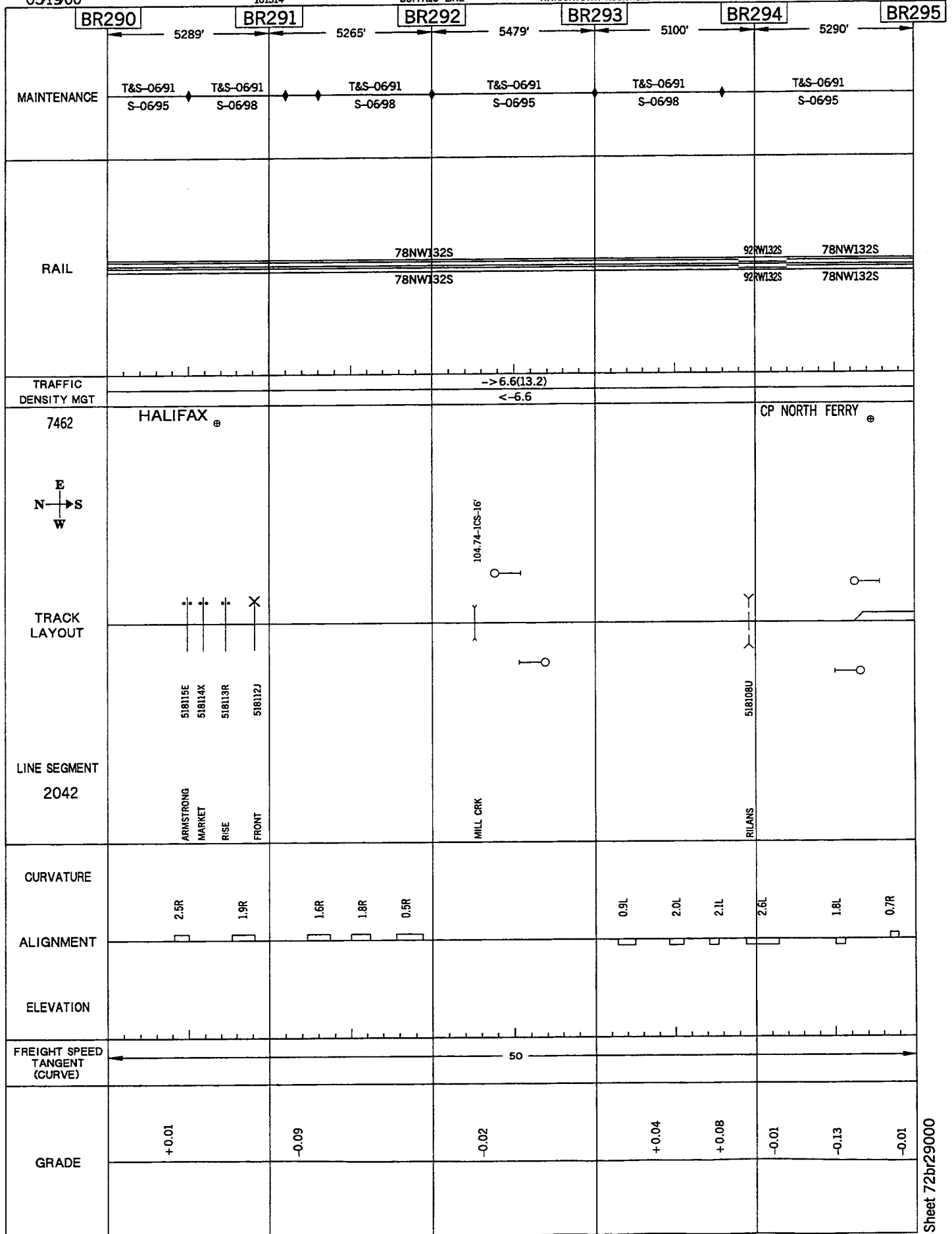
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101314

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



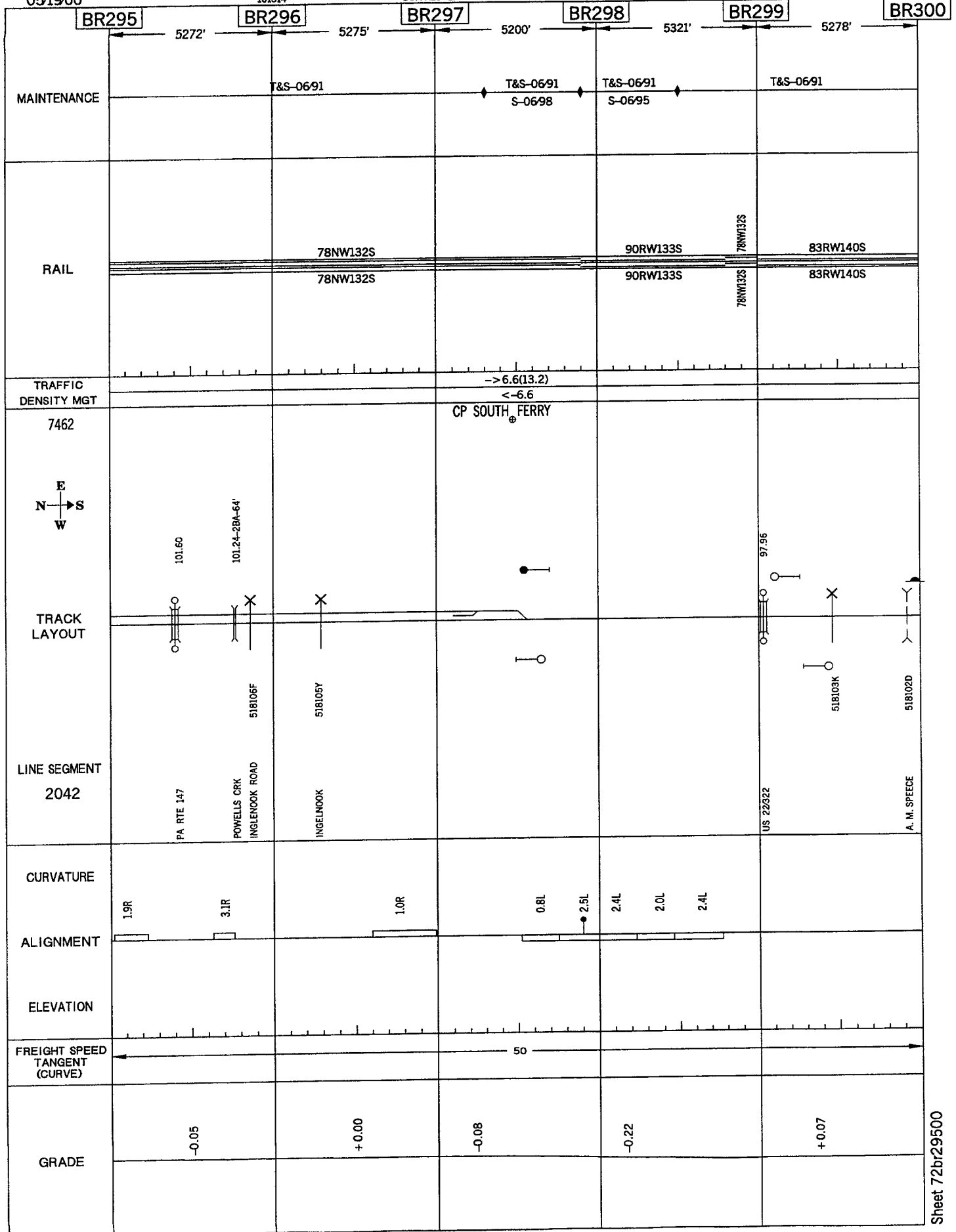
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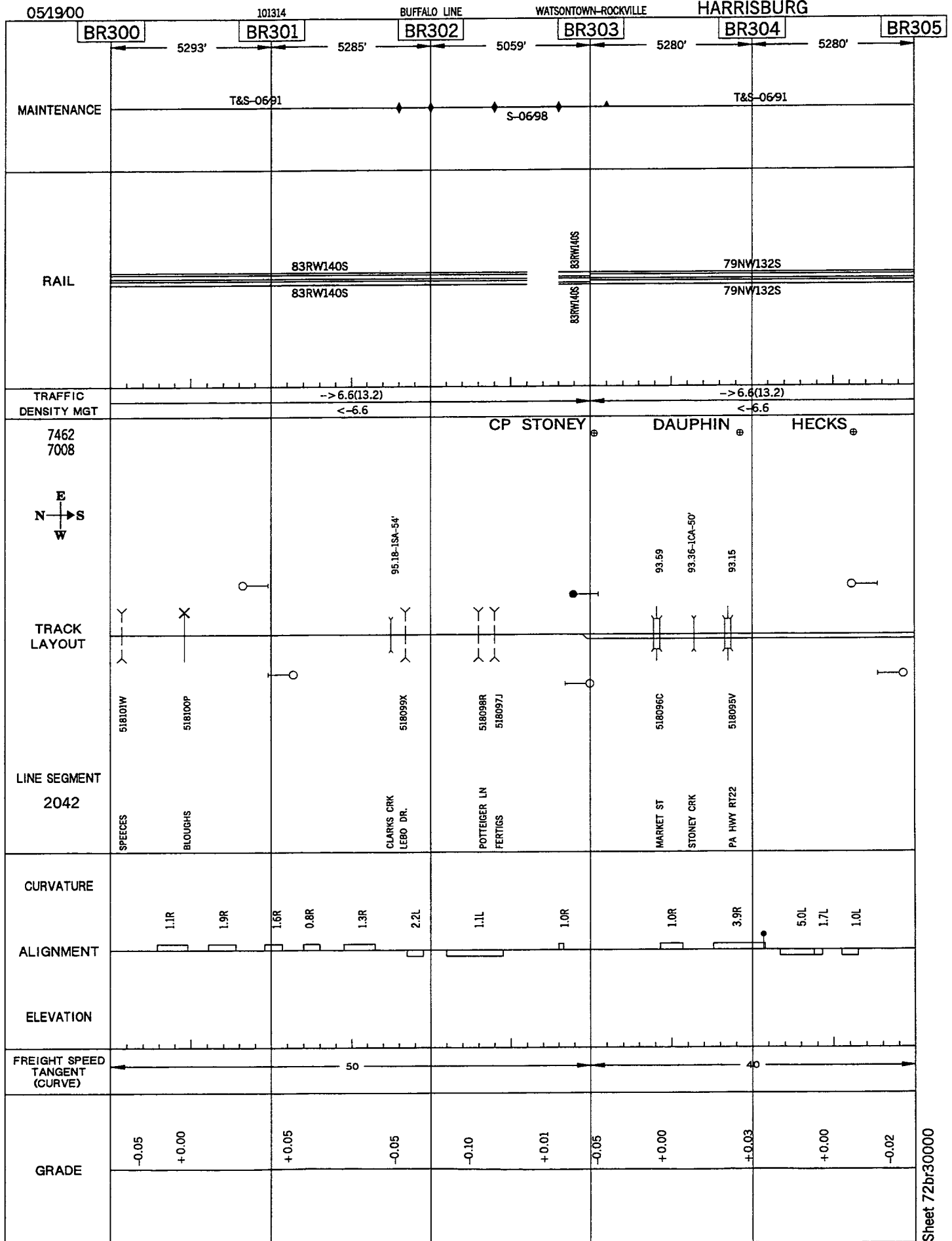
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BUFFALO LINE

WATSON TOWN-ROCKVILLE

HARRISBURG





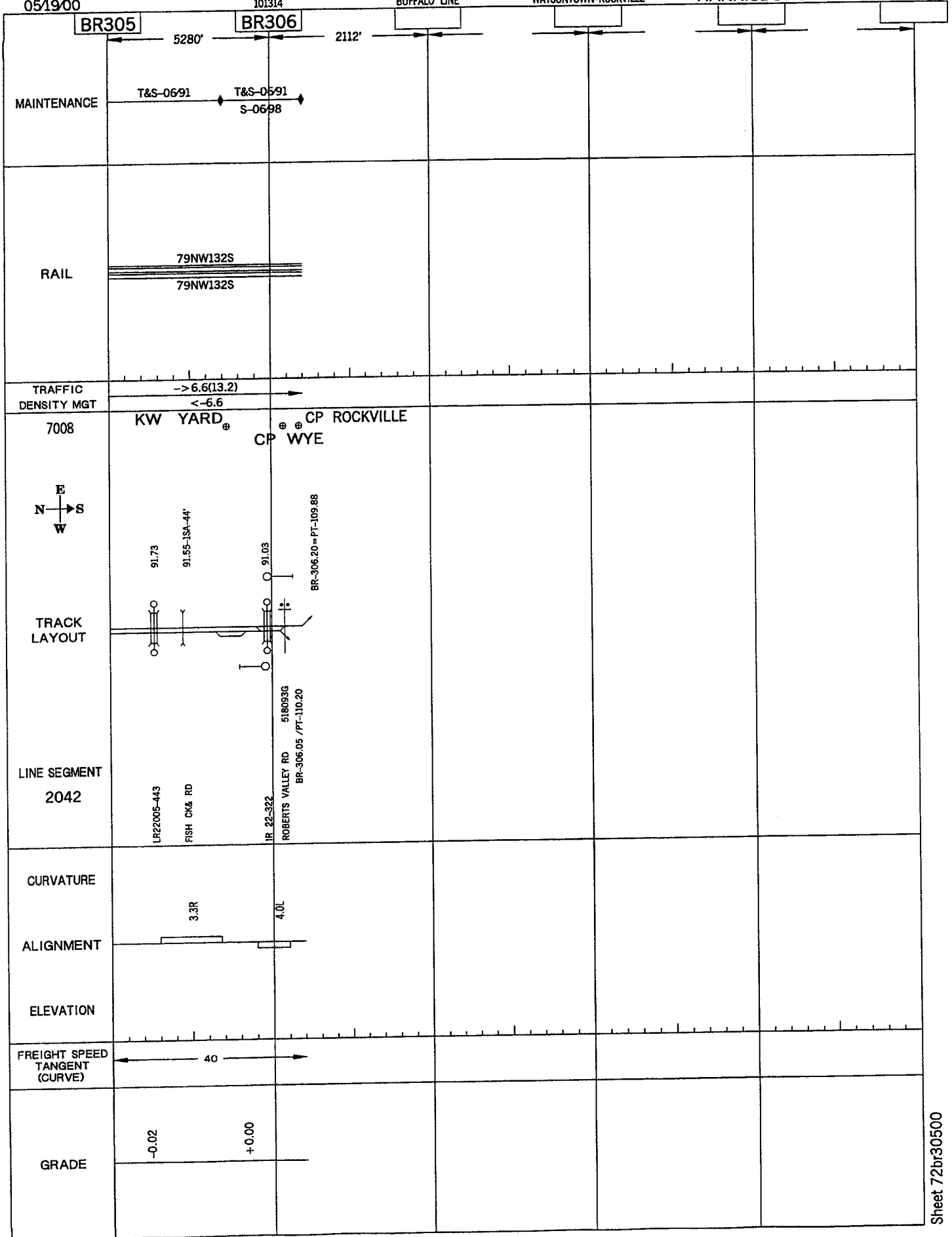
05/19/00

101314

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



051900

101121

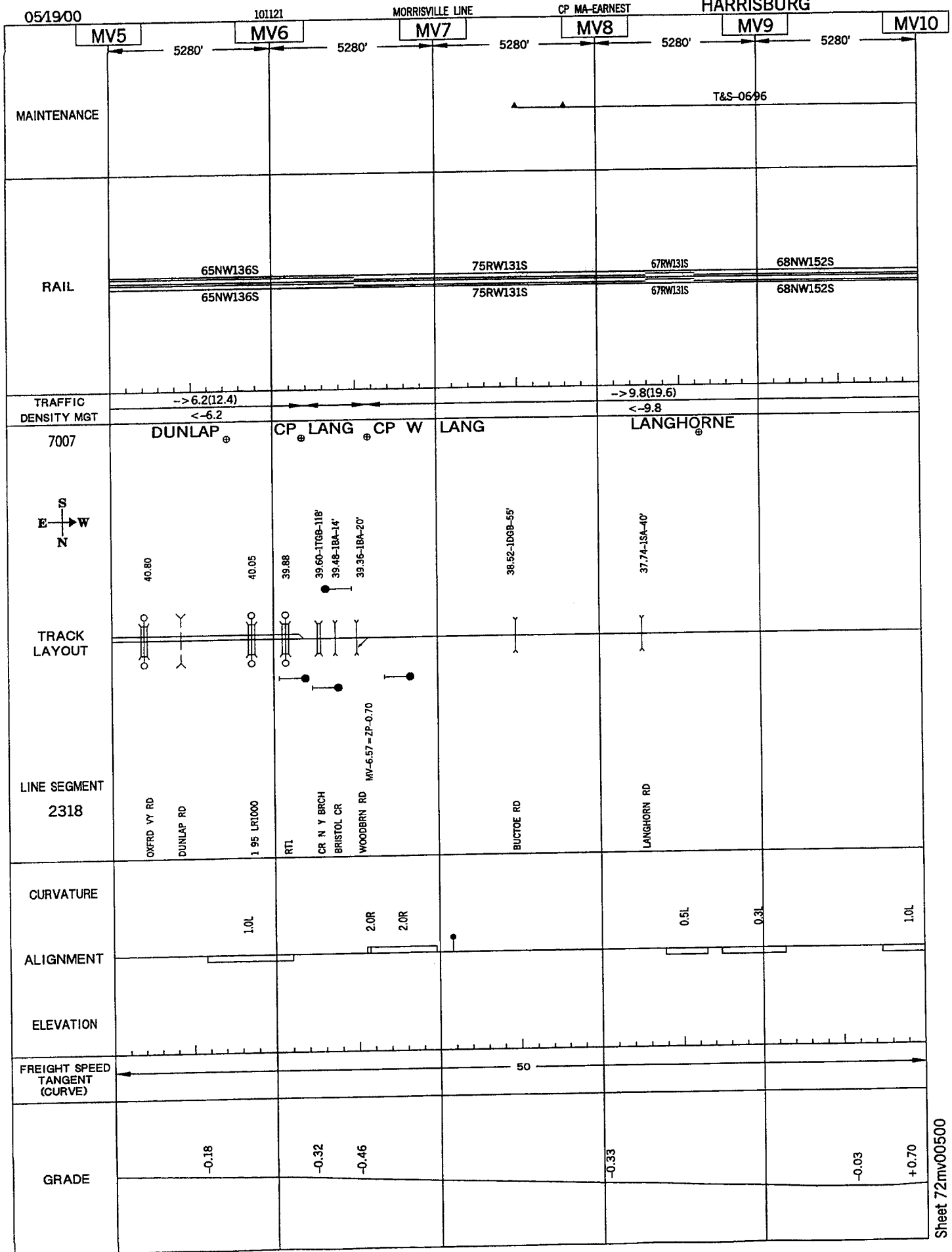
MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG

MV5

MAINTENANCE						
RAIL						65NWT365 65NWT365
TRAFFIC DENSITY MGT						→
7007 S E—W N						FAIRLESS BRANCH ●
TRACK LAYOUT						⚡
LINE SEGMENT 2318						
CURVATURE						
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)						50
GRADE						-0.18



051900

101121

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG

	MV10	MV11	MV12	MV13	MV14	MV15
	5280'	5280'	5280'	5280'	5280'	5280'
MAINTENANCE				T&S-0696		
RAIL				68NW152S		
				68NW152S		
TRAFFIC DENSITY MGT				-> 9.8(19.6) < -9.8		
7007	NESHAMINY	ROXTON			STREET ROAD	
TRACK LAYOUT	35.93-1BA-20' 35.74-8BA-50S' 35.67-7SA-490' 35.44-1CS-30' 35.23 	34.35-1BA-16' 34.13 	33.91-1BA-26' 33.51-1BA-20' 	532118J 	32.35-1TGB-41' 	
LINE SEGMENT 2318	NESHAMINY RD NESHAMINY CK NESHAMINY CR LR09028 BRIDGTON PK	STREAM BRISTOL RD	BUCK RD CHNKPIN RD BUSTLETON		STREET RD	
CURVATURE	1.0L 1.5R	1.0L 1.5R	0.8L 1.0R	1.5L	0.7R	
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			50			
GRADE	+0.70 +0.45 +0.54		-0.06			

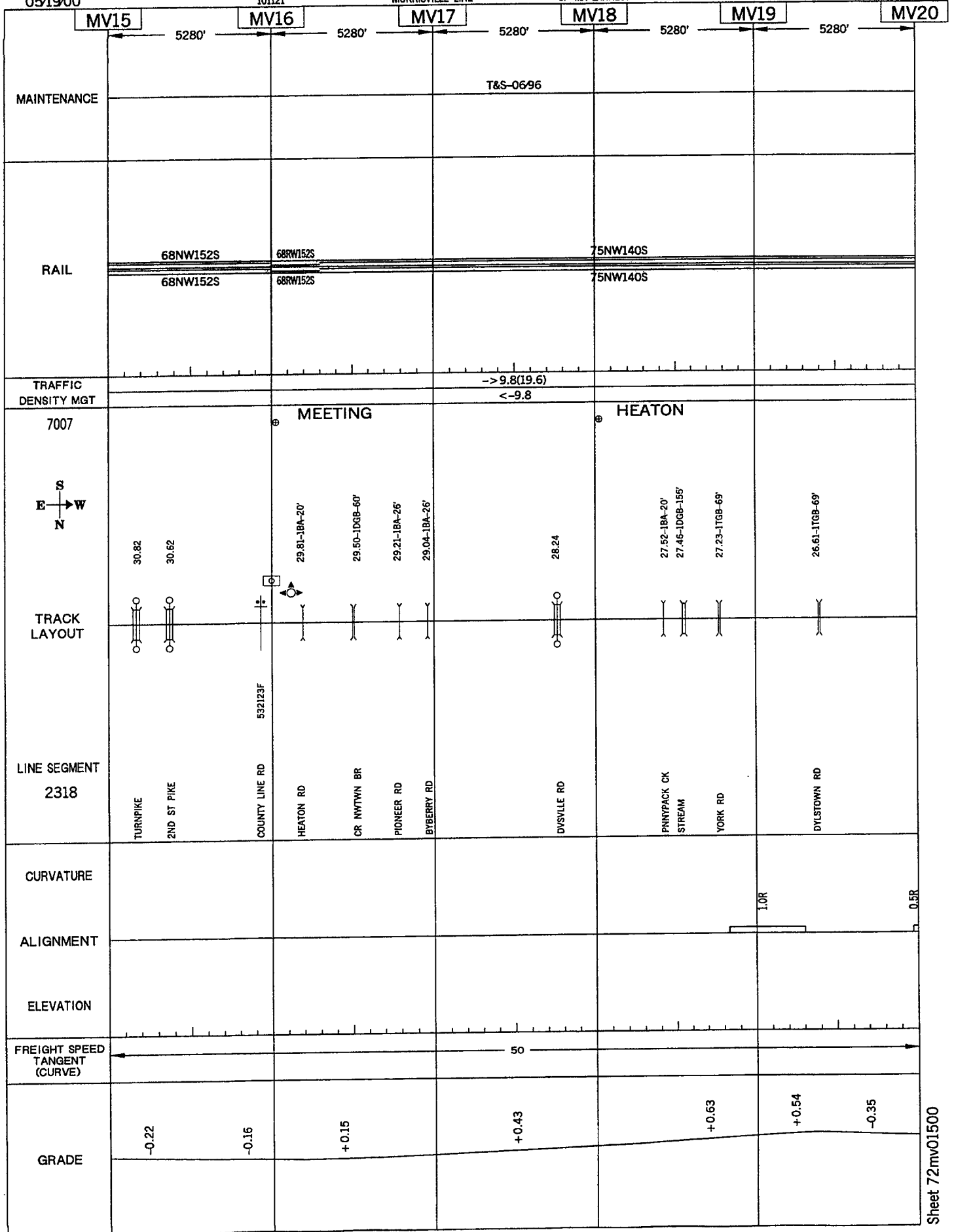
05/1900

101121

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



05/19/00

101121

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG

	MV20	MV21	MV22	MV23	MV24	MV25
	5280'	5280'	5280'	5280'	5280'	5280'
MAINTENANCE			T&S-0696			
RAIL			75NW140S 75NW140S		76RW131S 76RW131S	
TRAFFIC DENSITY MGT			-> 9.8(19.6) < -9.8			
7007	HORSHAM	DRESHER			FORT HILL	
TRACK LAYOUT	25.74 O	24.01-1D60-52'	23.62-1CS-26'	23.02-1CBB-12'	22.71-1BA-20'	21.91-1TGB-97' 21.82-1D60-31'
LINE SEGMENT 2318	WELSH RD	SESQUINA RD	ABAND RD	PVT RD	CAMP HILL R	RT 309 CR BETH BR
CURVATURE	0.5R	0.5L		1.0L		0.8R
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			50			
GRADE	-0.18 -0.30	-0.19 -0.35		-0.30		-0.06

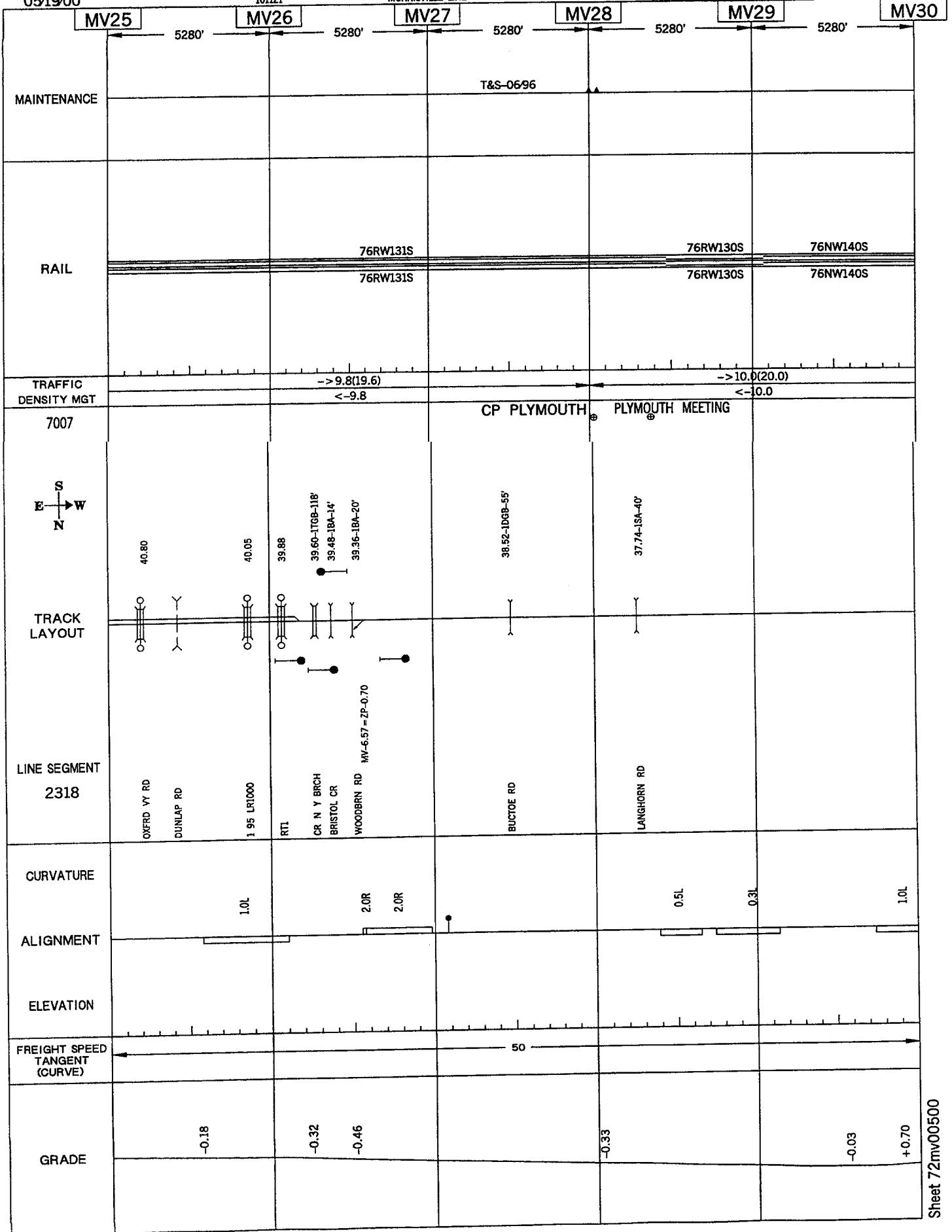
05/19/00

101121

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



Sheet 72mv03000

05/19/00

101121

DALE SECONDARY

EARNST-CP GLEN

HARRISBURG

MV35

MV36

MV37

MV38

MV39

MV40

5280'

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-0685

RAIL

70RW152S

70RW155S

71RW155S

70RW152S

70RW155S

71RW155S

TRAFFIC
DENSITY MGT

-> 0.9(1.8)
<- 0.9

7007

HOWELLVILLE

S
E → W
N

10.99-1CA-25'

10.43

9.84-1TGB-35'

8.99

8.47

8.42-1BA-10'

7.96-1BA-20'

7.30

6.83

6.36-1BA-16'

6.06

TRACK
LAYOUT

LINE SEGMENT
2318

ABRAMS RUN

P.E. SWITCH

WARNER ROAD

LR 543

W VALLEY RD

DEVON ROAD

STREAM

LEWIS ROAD

CASSATT RD

HOWELLVILLE

STREAM

BEARHL RD

CURVATURE

0.3L

0.5L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

50

GRADE

-0.07

-0.45

+0.16

+0.10

+0.40

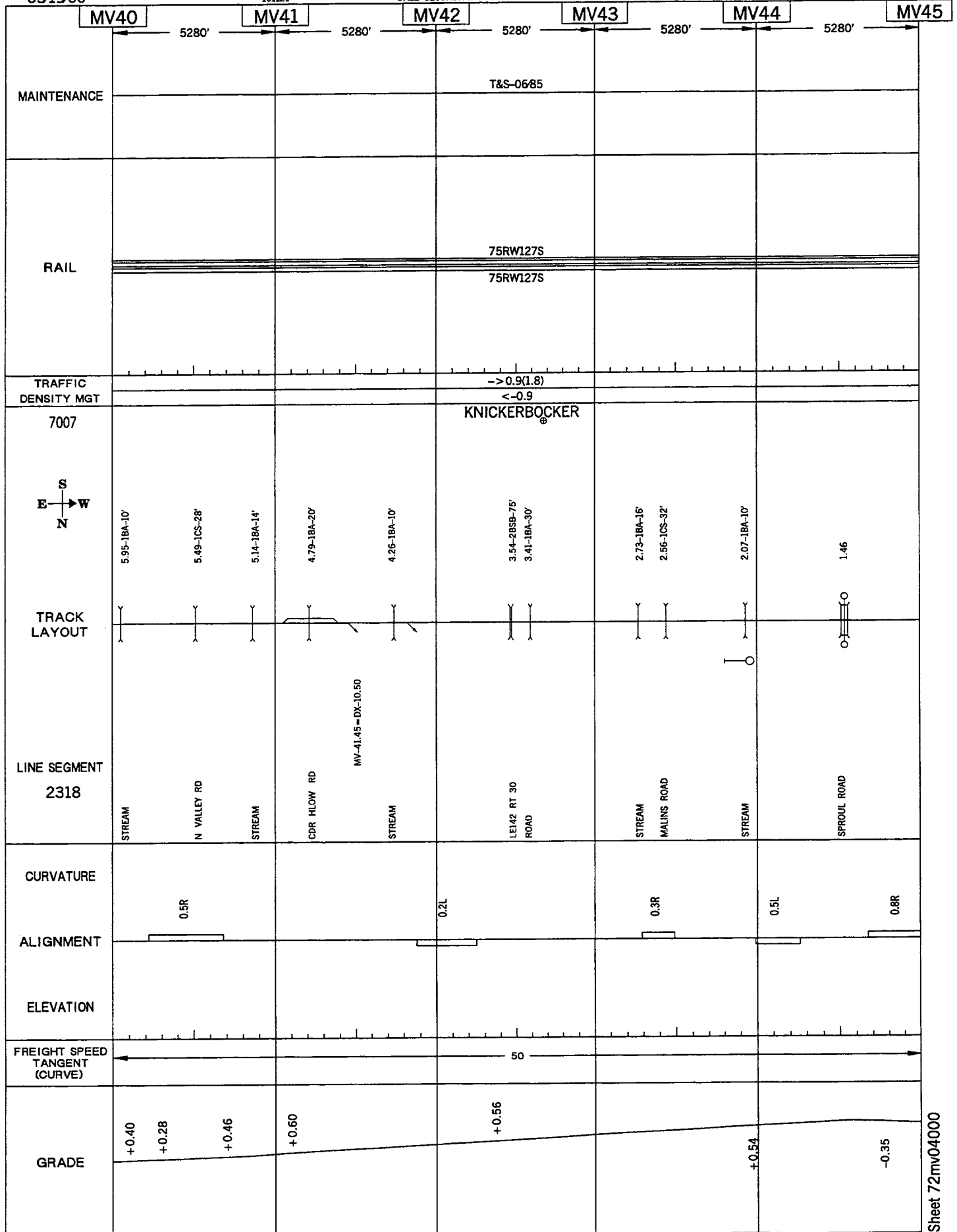
05/19/00

101121

DALE SECONDARY

EARNEST-CP GLEN

HARRISBURG



05/19/00

101121

DALE SECONDARY

EARNEST-CP GLEN

HARRISBURG

MV45

5280'

MAINTENANCE

T&S-06/77
S-06/80

RAIL

75RW127S 76RW127S
75RW127S 76RW127S

TRAFFIC
DENSITY MGT

-> 0.9(1.8)
<-0.9

7007

S
E → W
N

TRACK
LAYOUT

0.65

0.35-1BA-19'

TO AMTRAK

LINE SEGMENT
2318

AMTRAK RR

RAVINE RD

CURVATURE

ALIGNMENT

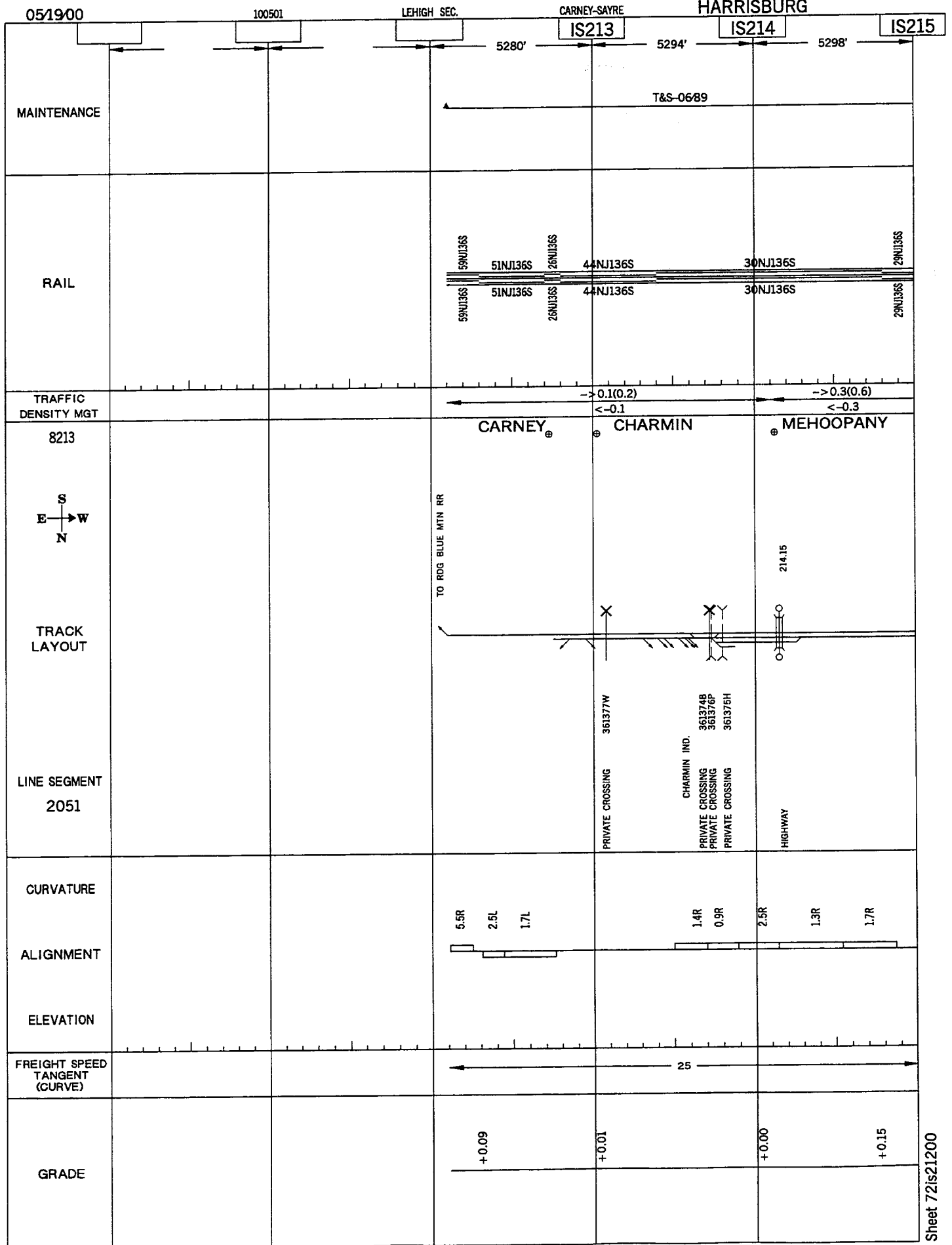
ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

50 ← 30 →

GRADE

-0.35



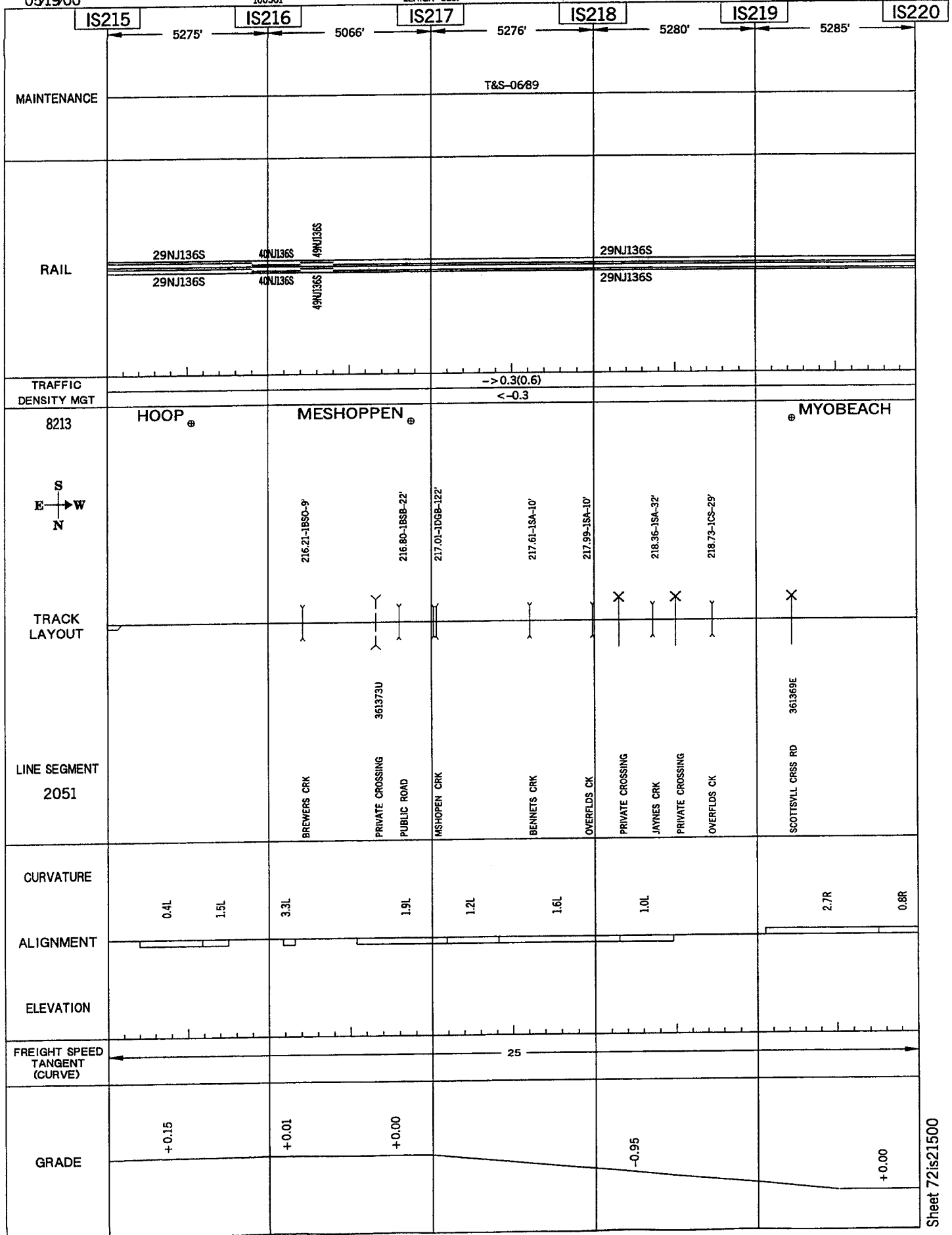
05/1900

100501

LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG



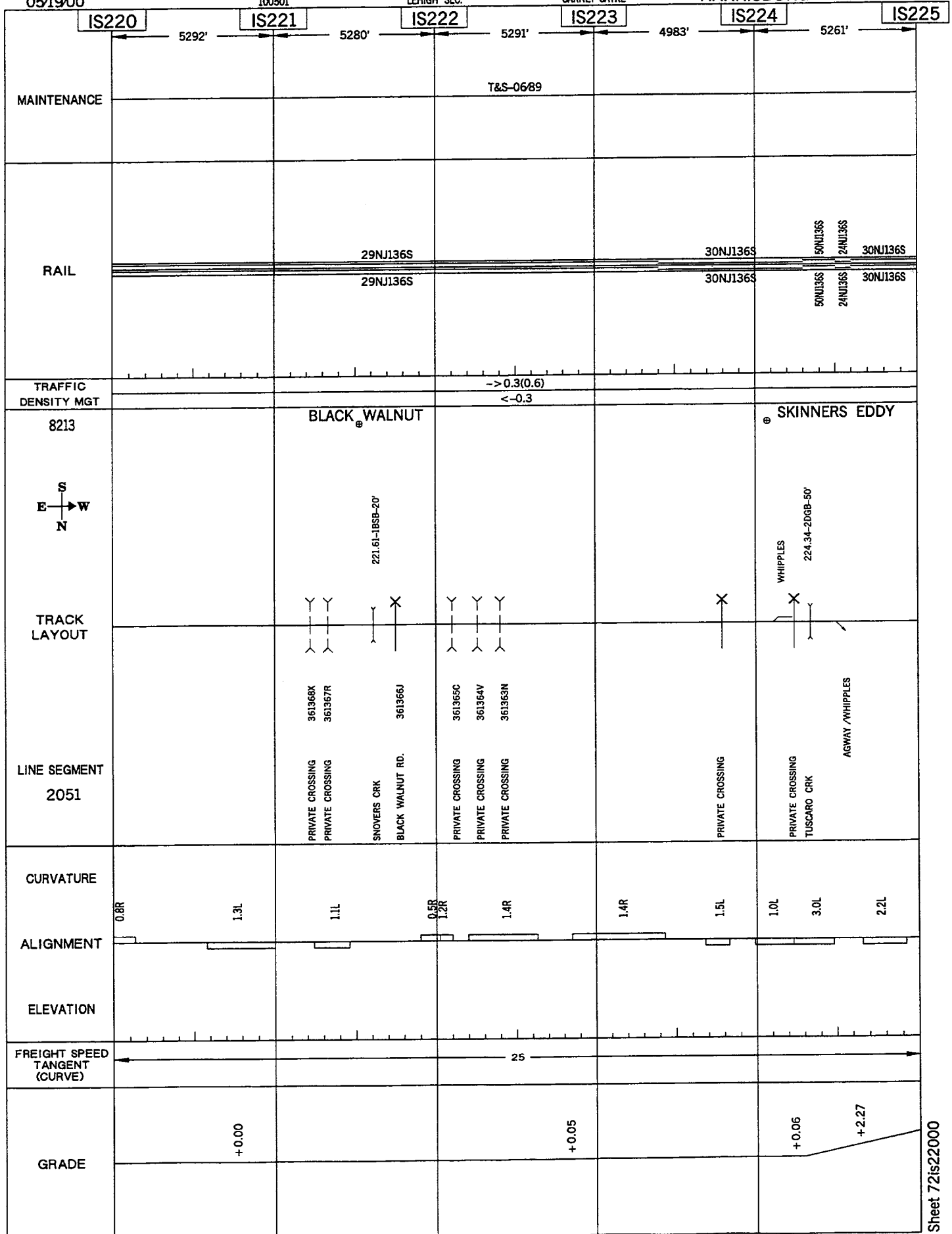
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LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG



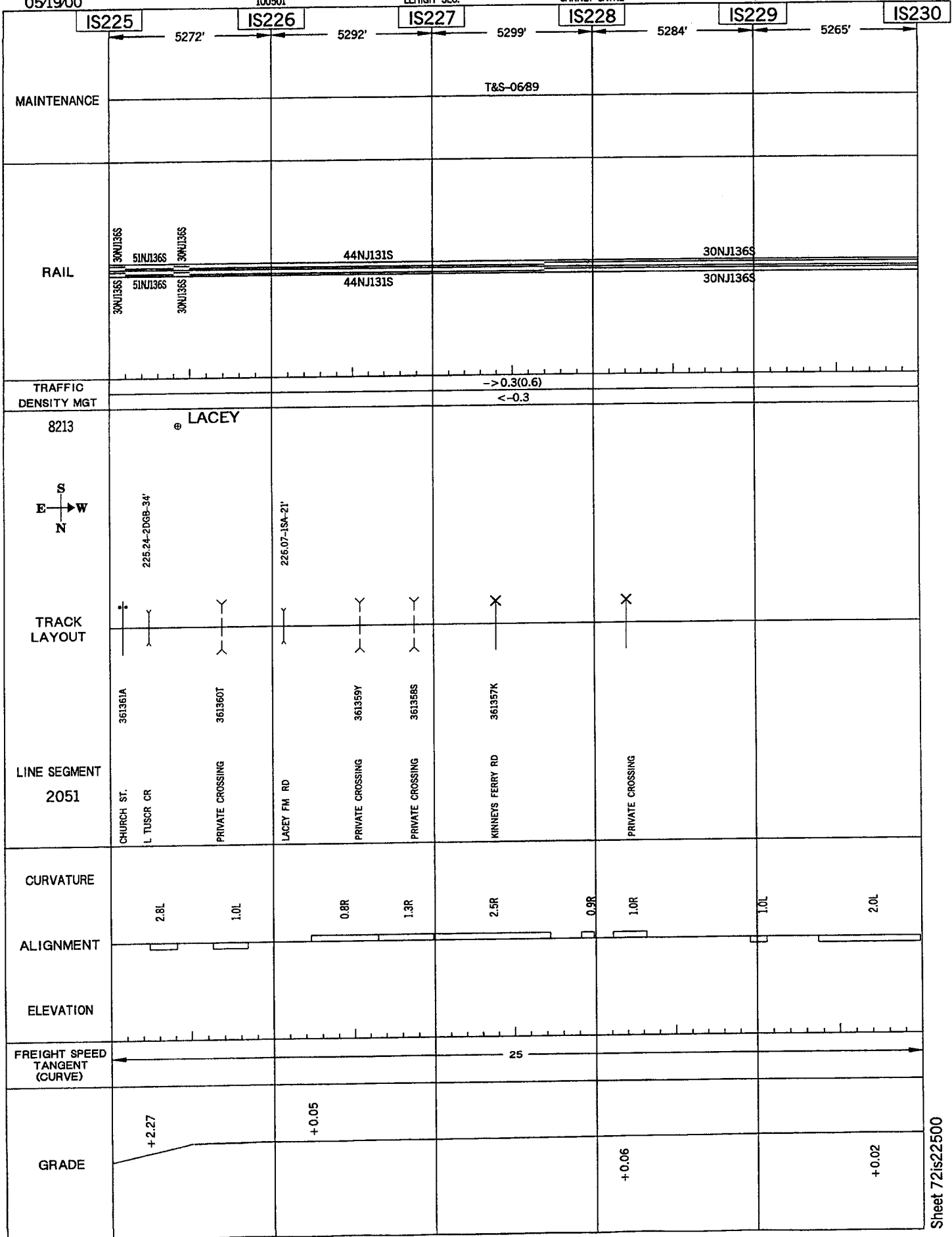
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LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG



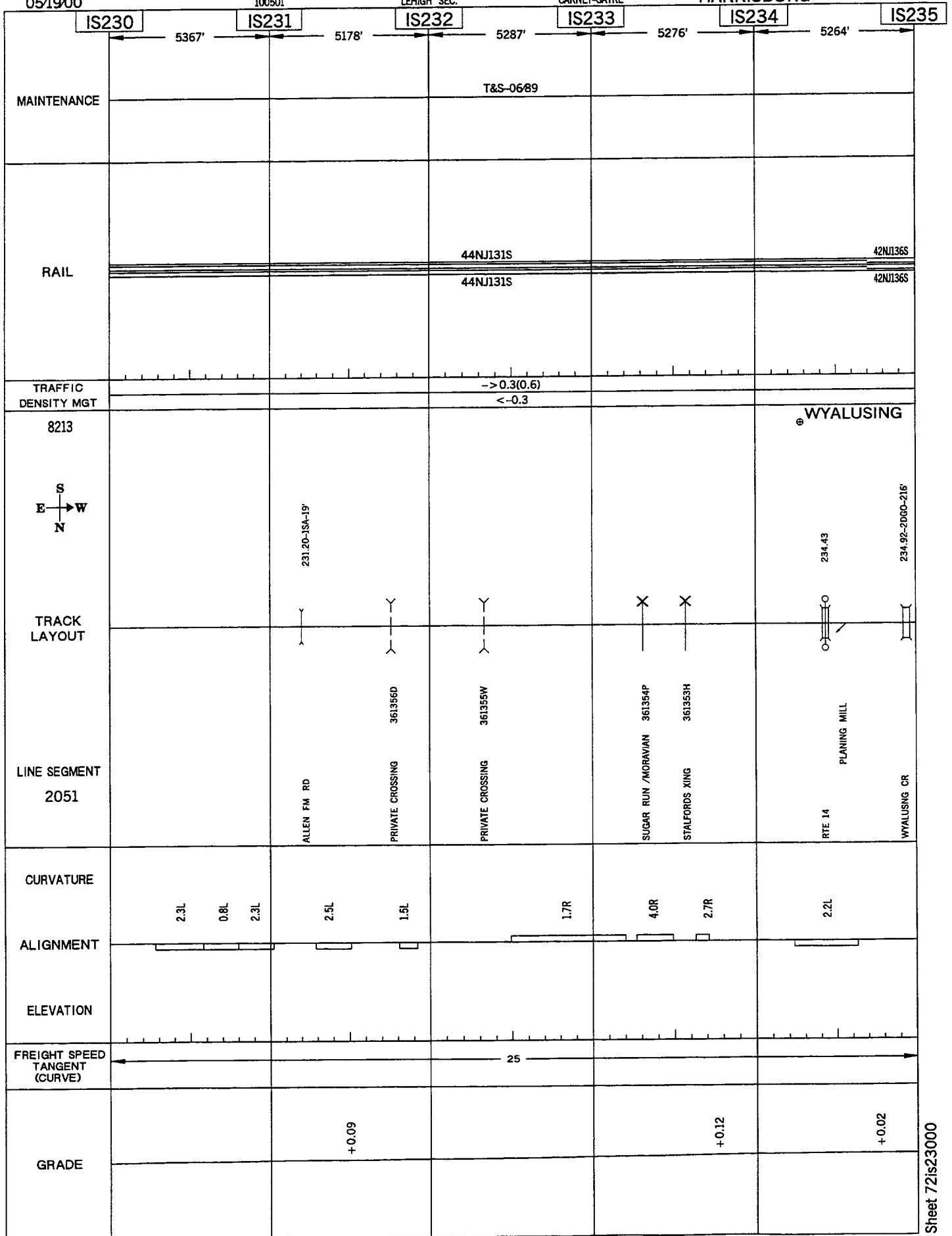
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LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG



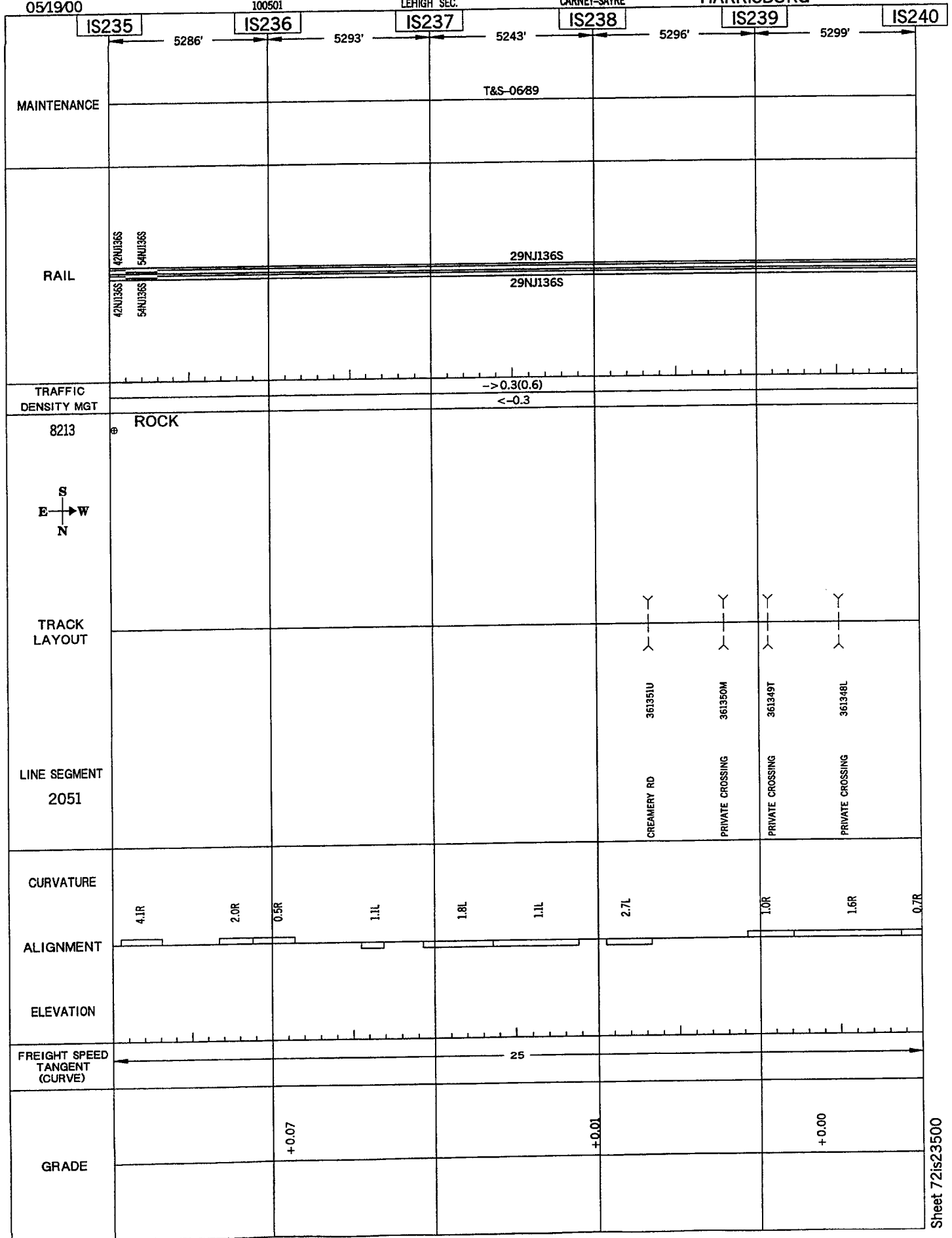
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CARNEY-SAYRE

HARRISBURG



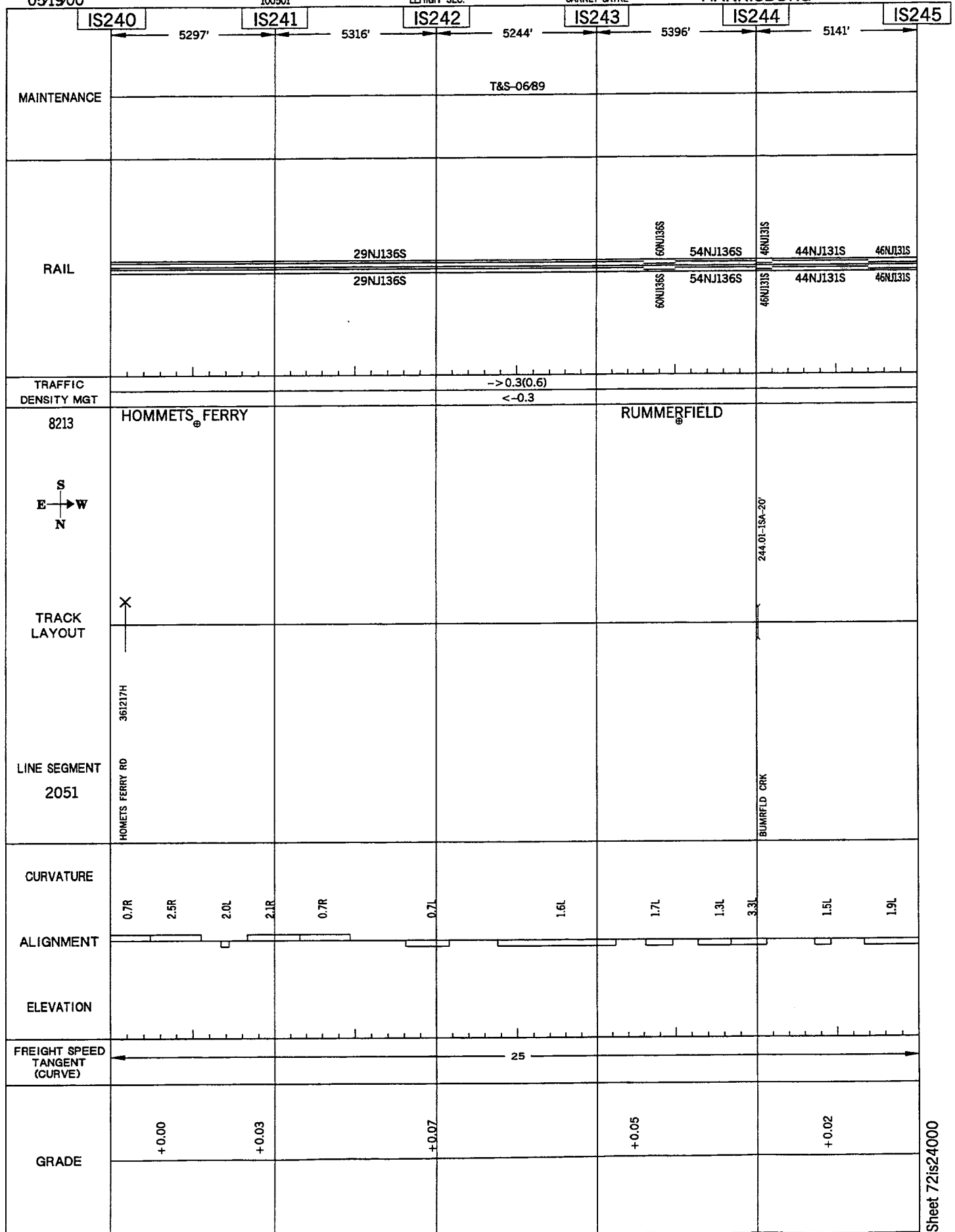
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LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG



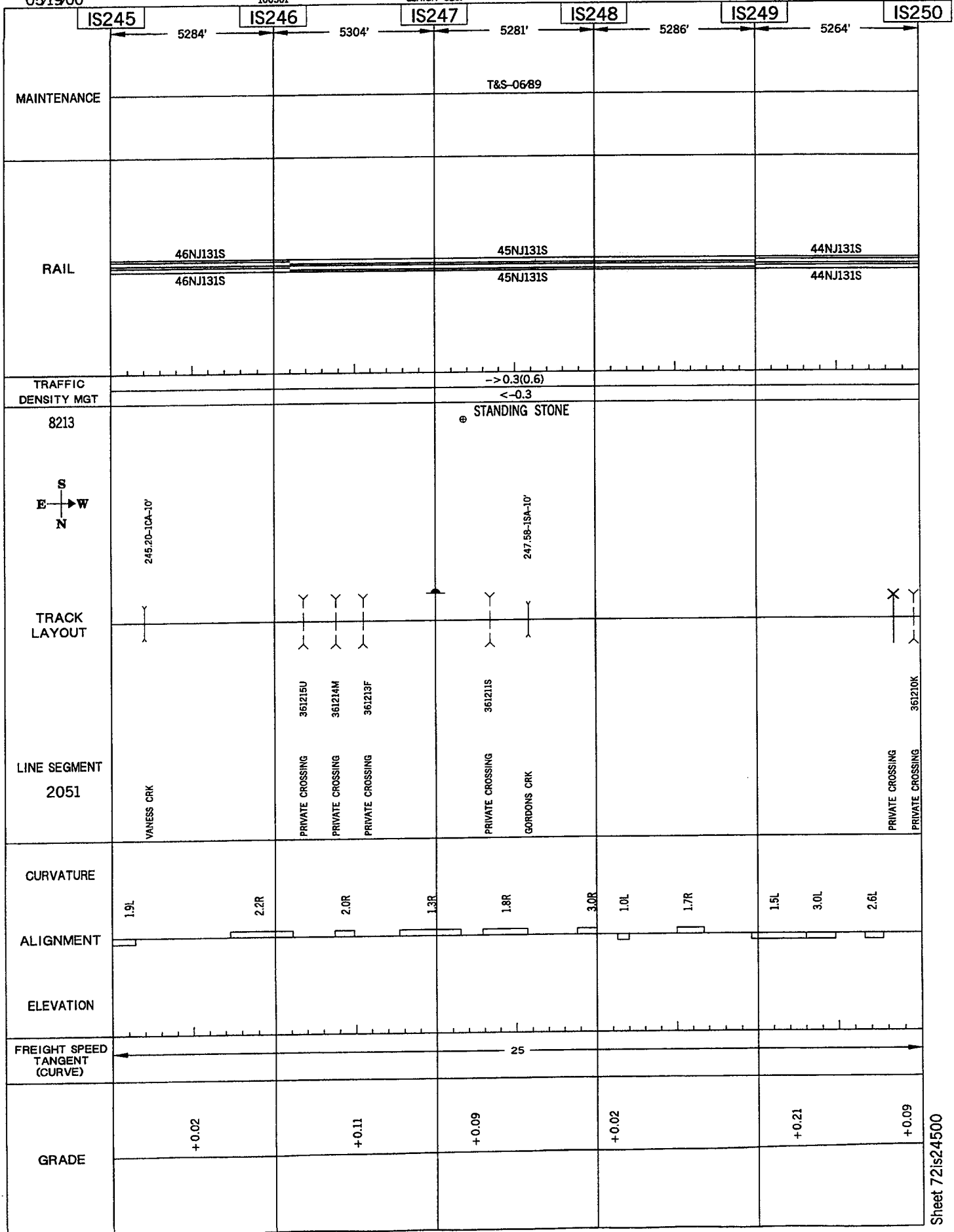
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LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG



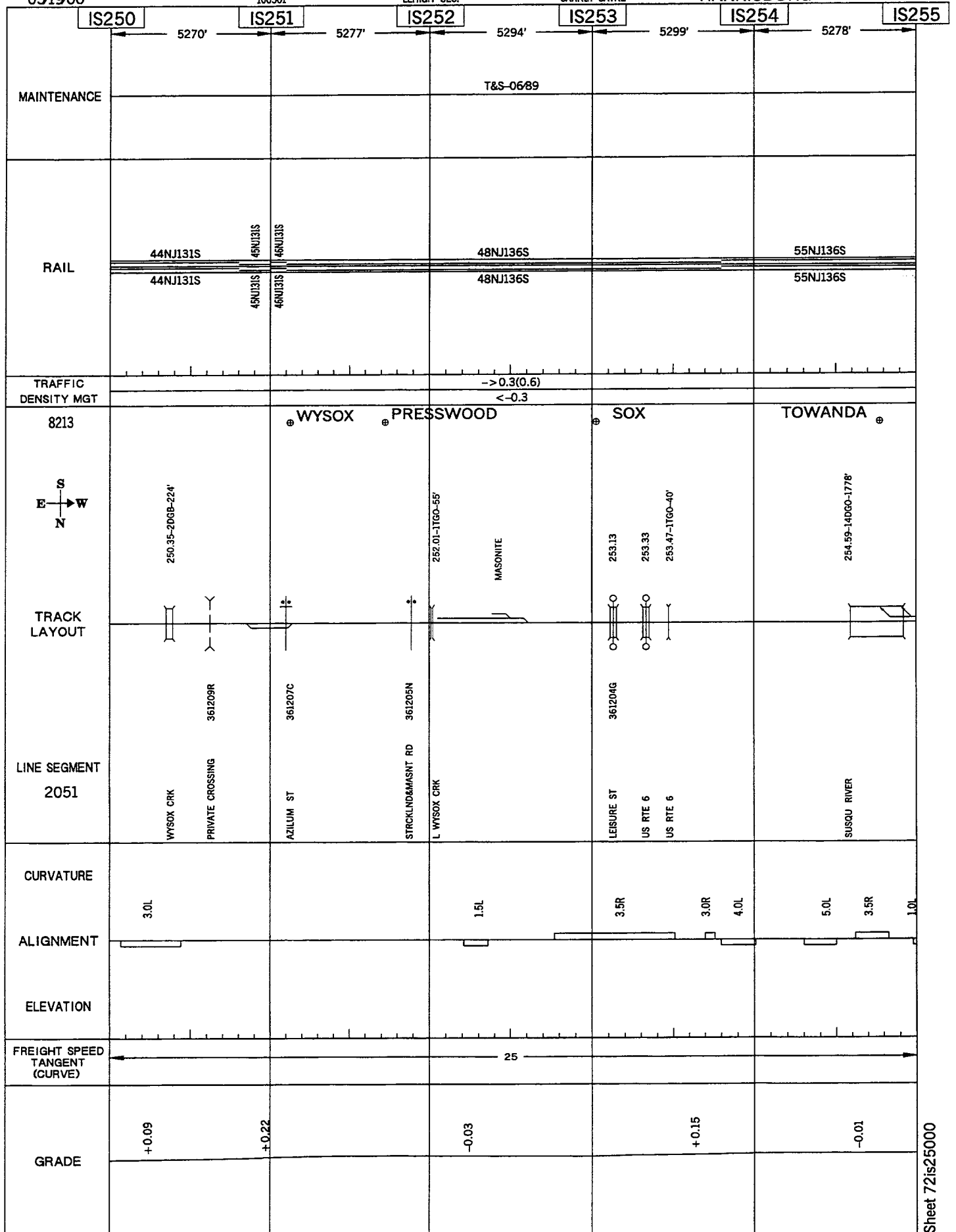
05/1900

100501

LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG



05/19/00

100501

LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG

IS255

IS256

IS257

IS258

IS259

IS260

5185'

5309'

5288'

5236'

5289'

MAINTENANCE

T&S-0689

RAIL

30NJ136S

34NJ136S

43NJ136S

33NJ136S

30NJ136S

34NJ136S

43NJ136S

33NJ136S

TRAFFIC
DENSITY MGT
 $\rightarrow 0.3(0.6)$
 < -0.3

8213

SUGAR CREEK

 S
 E → W
 N

255.35

256.29-2060-208'

256.63-1888-11'

257.20-1088-10'

TRACK
LAYOUTLINE SEGMENT
2051

JAMES ST

362784D

PRIVATE CROSSING
SUGAR CRK

362783W

BILES RUN
PRIVATE CROSSING

RUN

362782P

PRIVATE CROSSING

362781H

PRIVATE CROSSING

CURVATURE

1.0L

1.8L

1.3L

2.1L

2.5L

2.5R

0.8R

3.7R

1.8L

3.0R

1.7R

1.0R

1.6R

1.3R

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

25

GRADE

+0.04

+0.57

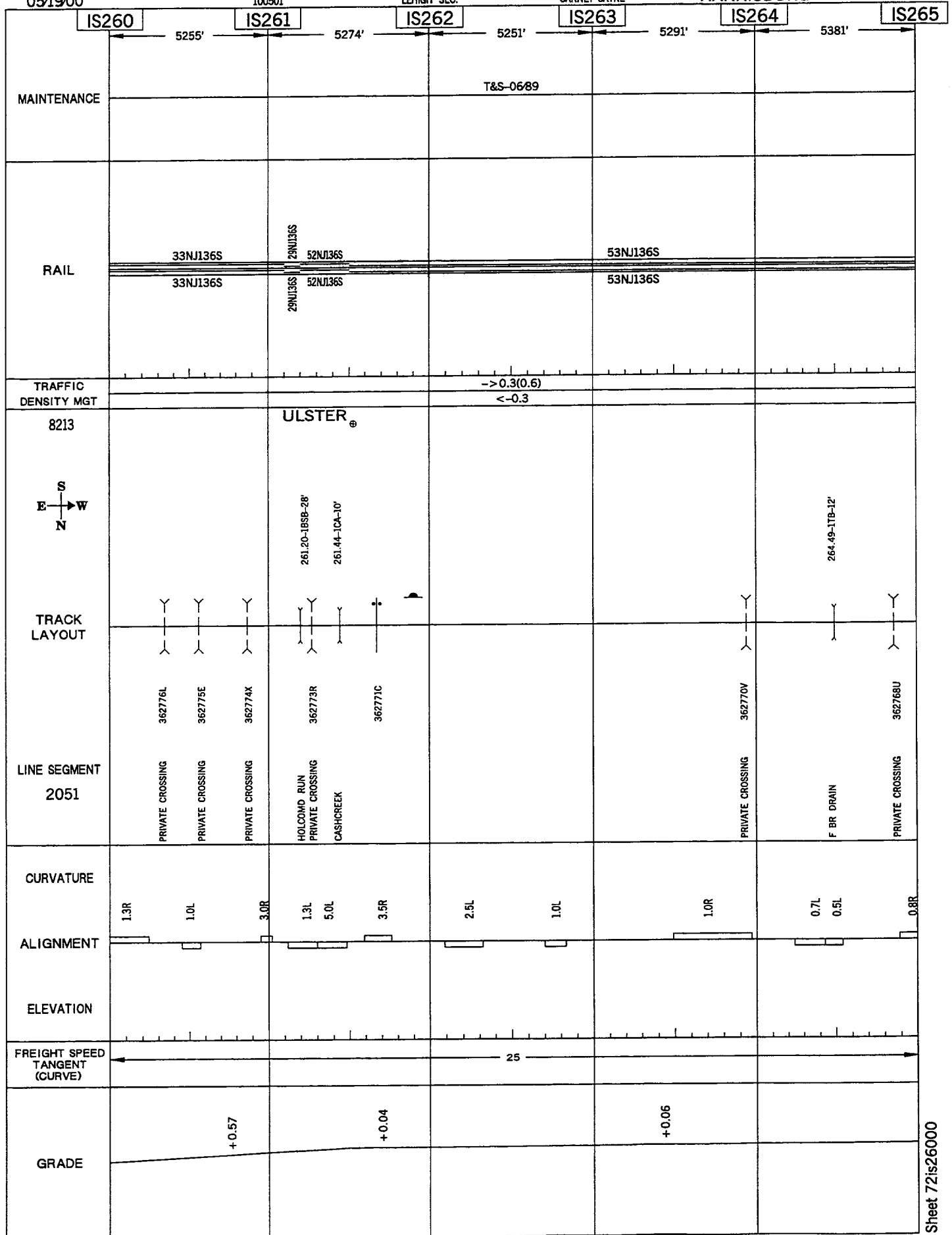
051900

100501

LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG



051900

100501

LEHIGH SEC.

CARNEY-SAYRE

HARRISBURG

IS265

IS266

IS267

IS268

IS269

IS270

5161'

5267'

5266'

5273'

5598'

MAINTENANCE

T&S-0689

RAIL

53NJ136S

53NJ136S

54NJ136S

54NJ136S

25NJ136S

45NJ131S

25NJ136S

45NJ131S

TRAFFIC
DENSITY MGT

-> 0.3(0.6)

<- 0.3

8213

MILAN ⊕

GREEN ⊕

ATHENS ⊕

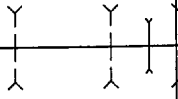
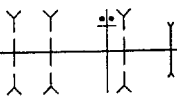
S
E → W
N

265.96-1D60-47'

266.89-1D60-44'

267.67-1D60-44'

269.23-4TTB-444'

TRACK
LAYOUT

LINE SEGMENT

2051
2054

PRIVATE CROSSING
PRIVATE CROSSING
PRIVATE CROSSING
PRIVATE CROSSING
BUCKS CRK

PRIVATE CROSSING
PRIVATE CROSSING
RED CREEK
PRIVATE CROSSING

PRIVATE CROSSING
PRIVATE CROSSING
MURRAY CRK

CHEMUNG RV
ELMIRA ST.
MAIN ST.
WALNUT RIVER ST

CURVATURE

0.8R

1.7R

1.5L

0.8L

1.5L

1.2L

1.5R

3.0R

1.5R

1.4L

3.0L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

25

GRADE

+0.06

-0.04

+0.11

+0.10

-0.04

+0.00

+0.00

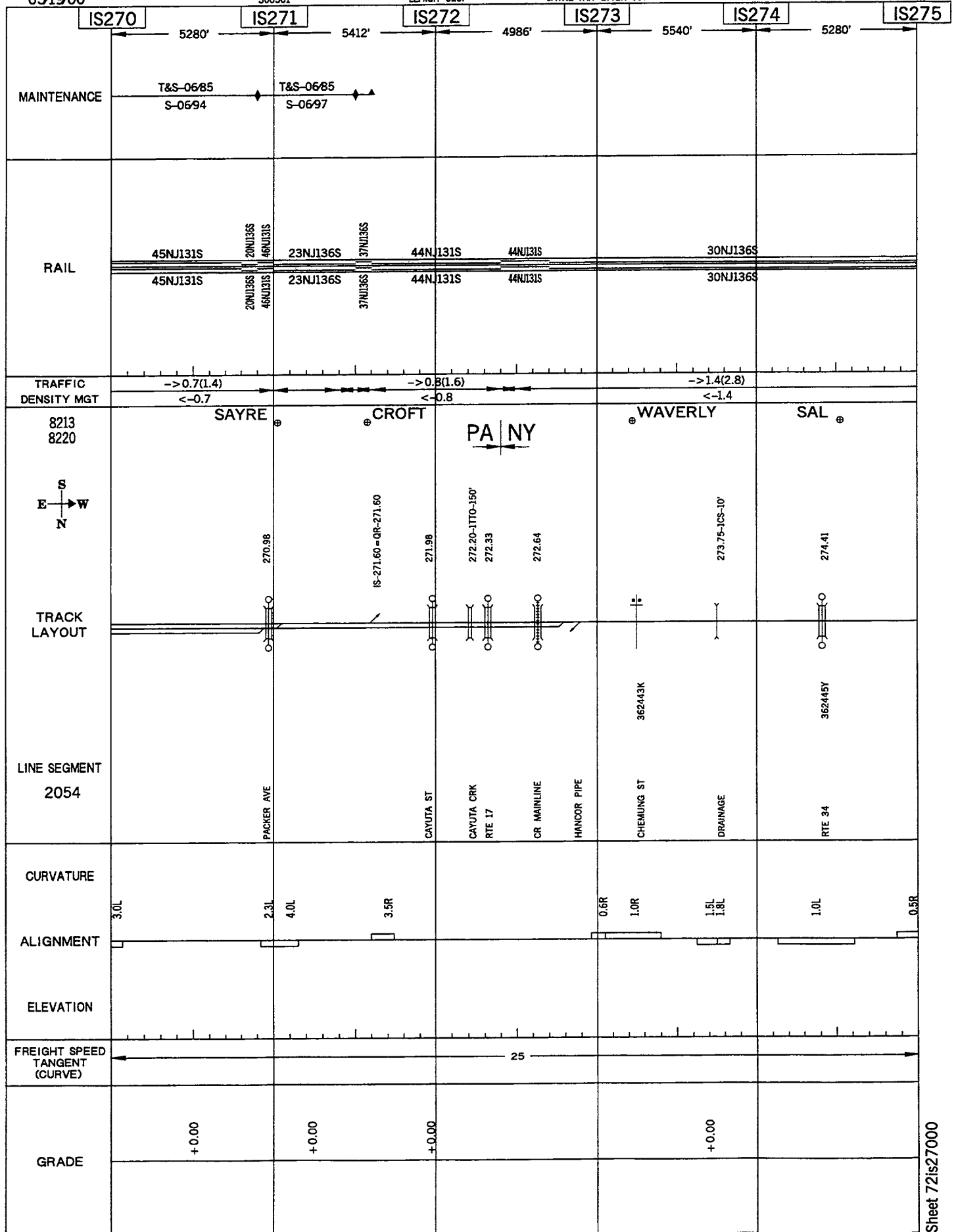
05/19/00

300501

LEHIGH SEC.

SAYRE-VAN ETTEN JCT

HARRISBURG



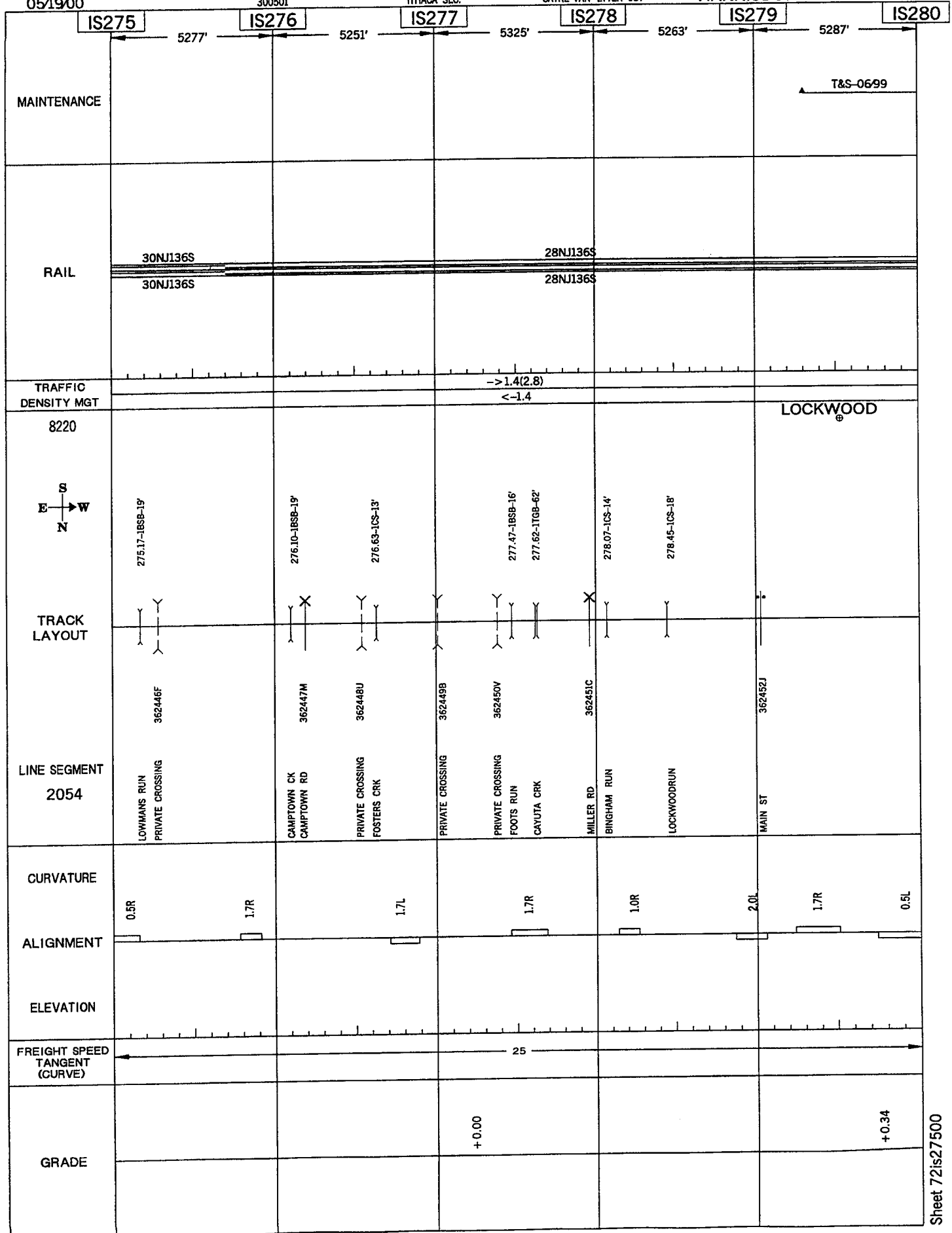
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300501

ITHACA SEC.

SAYRE-VAN ETTEN JCT

HARRISBURG



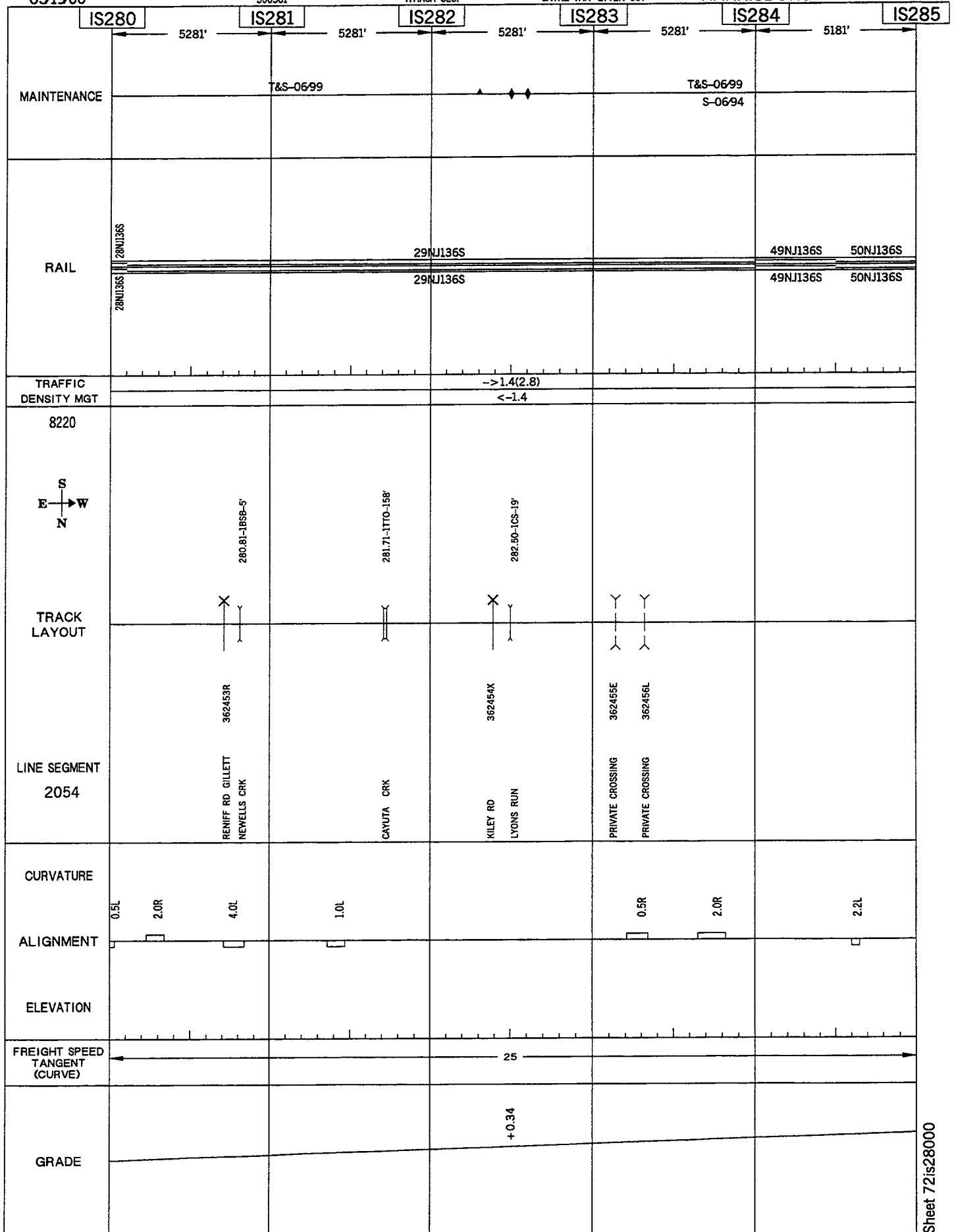
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300501

ITHACA SEC.

SAYRE-VAN ET TEN JCT

HARRISBURG



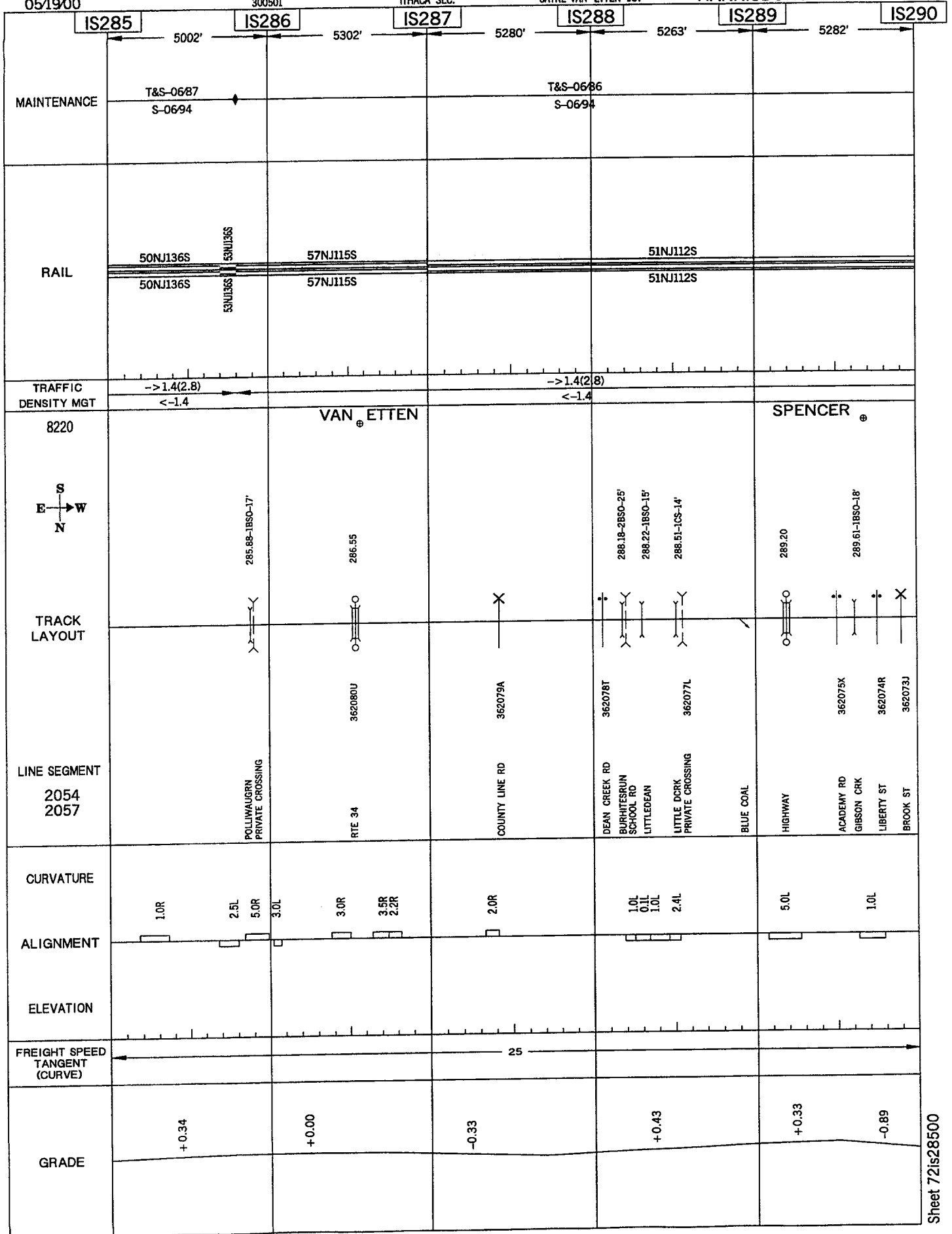
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300501

ITHACA SEC.

SAYRE-VAN ETTEN JCT

HARRISBURG



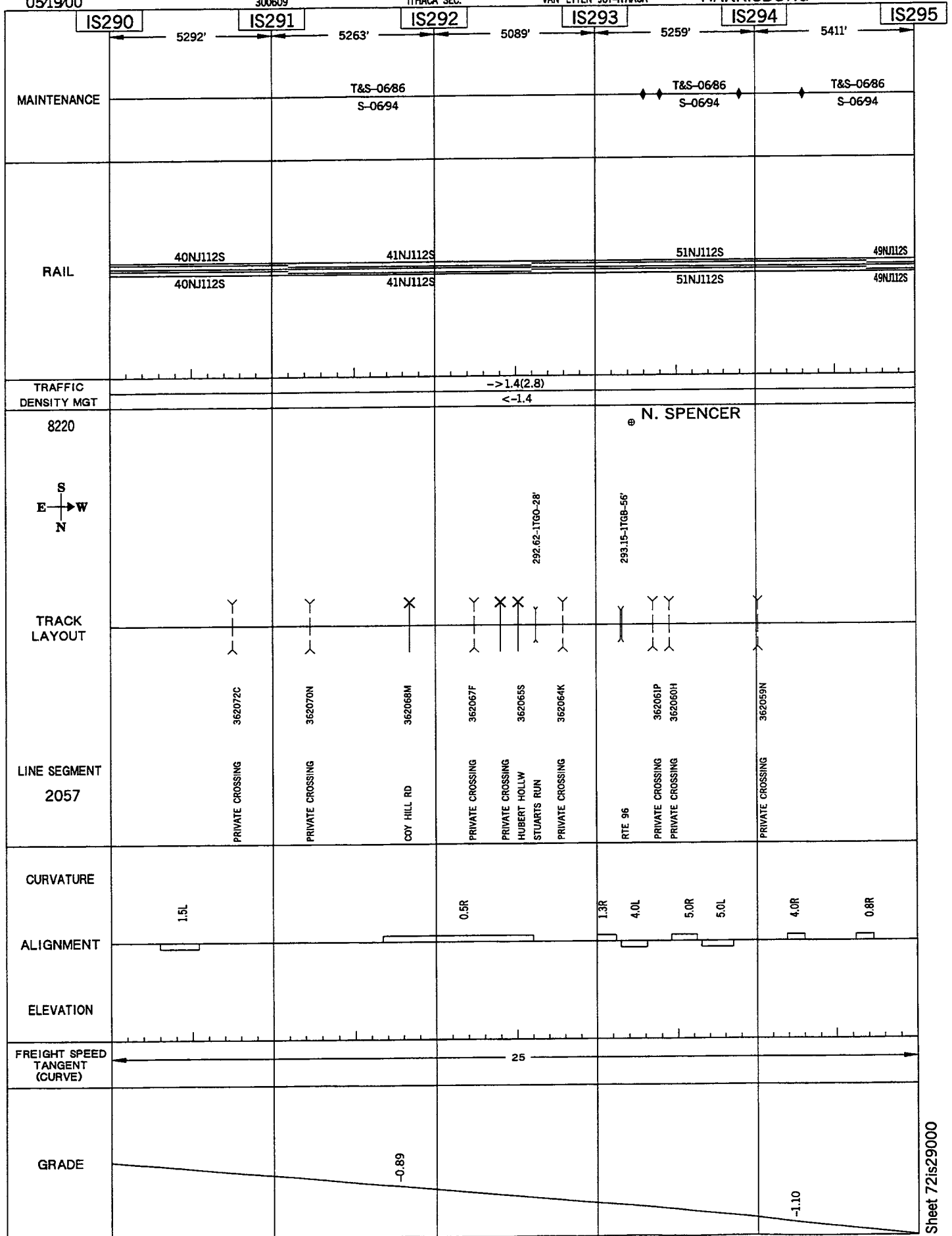
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300609

ITHACA SEC.

VAN ET TEN JCT-ITHACA

HARRISBURG



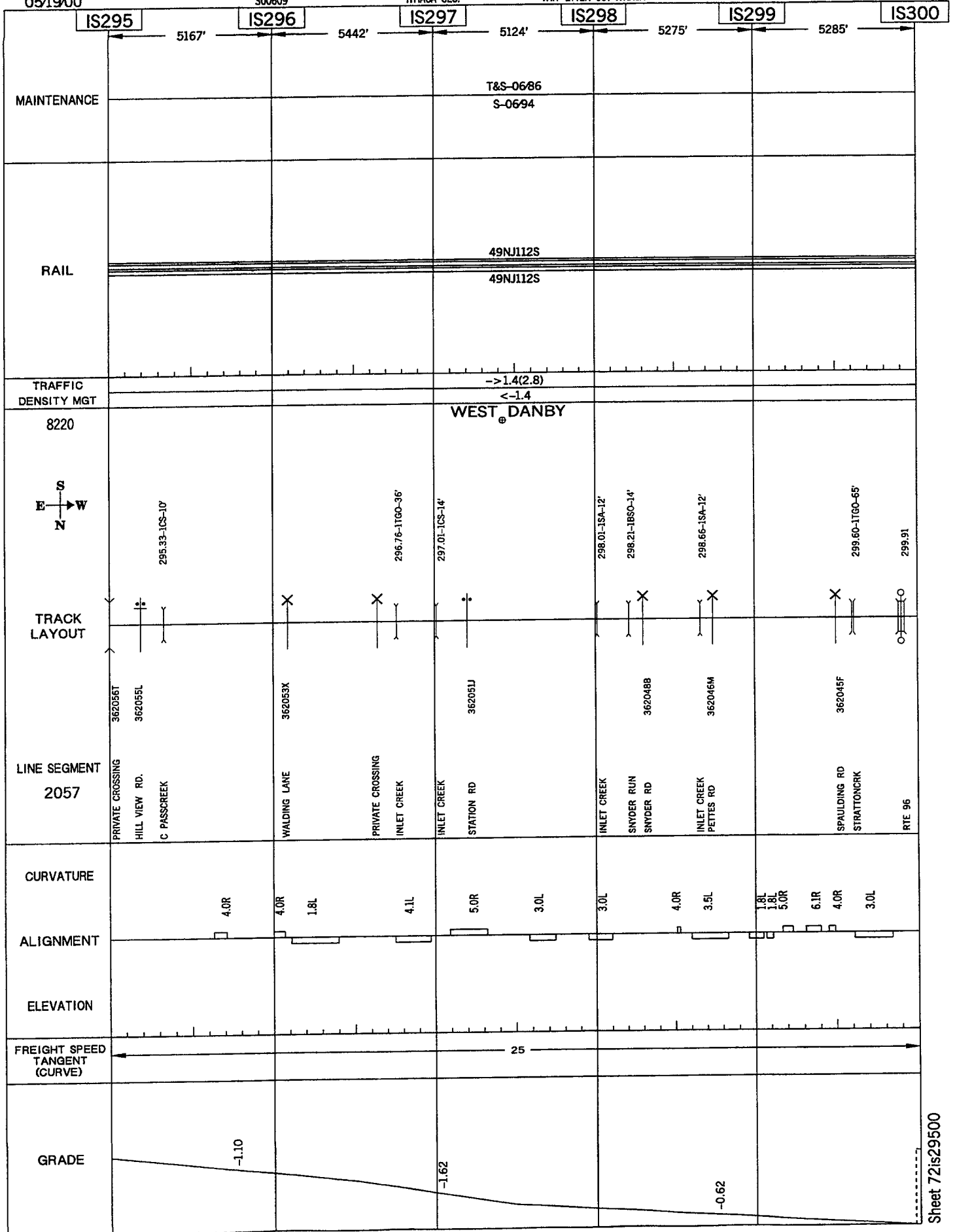
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300609

ITHACA SEC.

VAN ETEN JCT-ITHACA

HARRISBURG



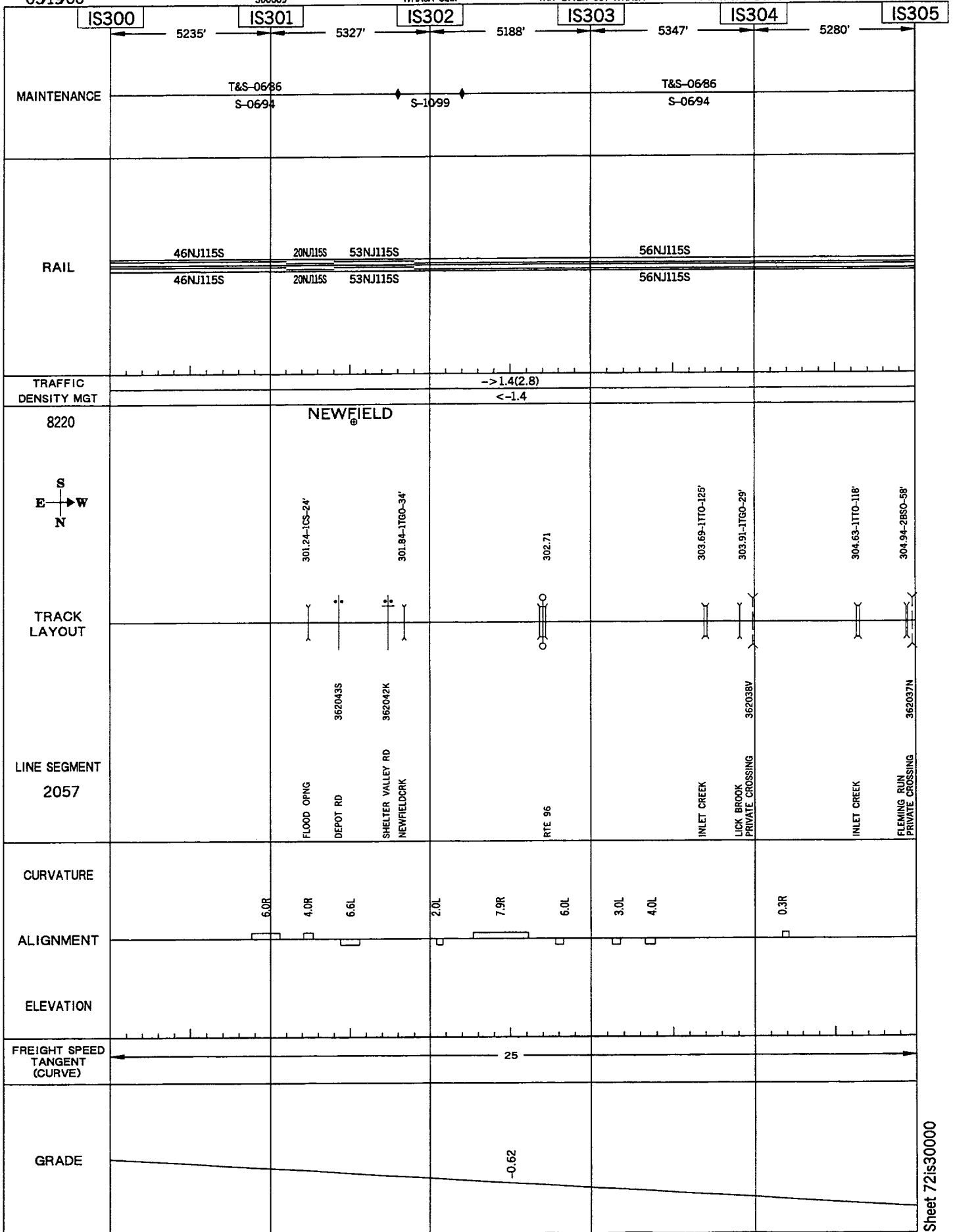
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ITHACA SEC.

VAN ETTEN JCT-ITHACA

HARRISBURG



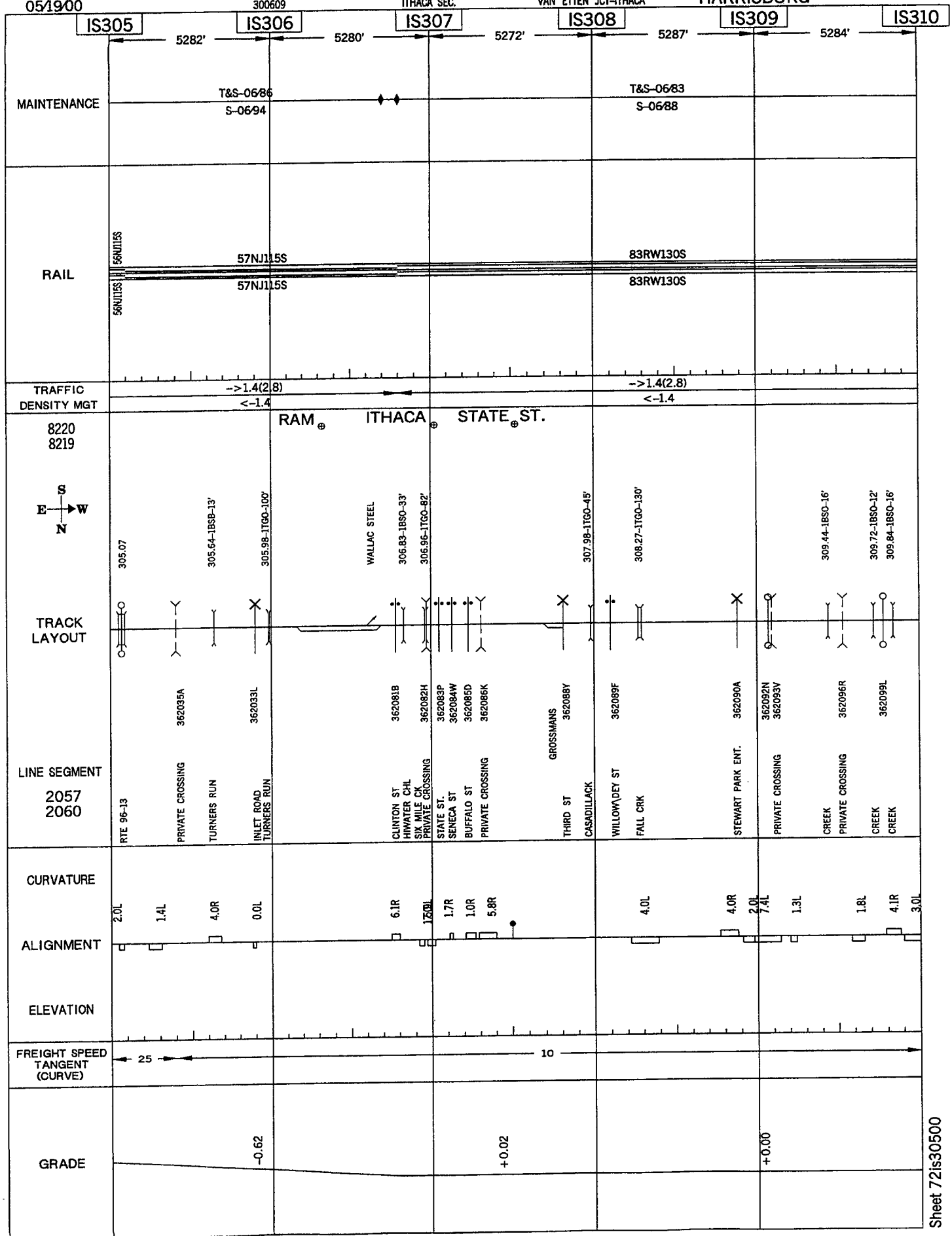
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VAN ETEN JCT-ITHACA

HARRISBURG



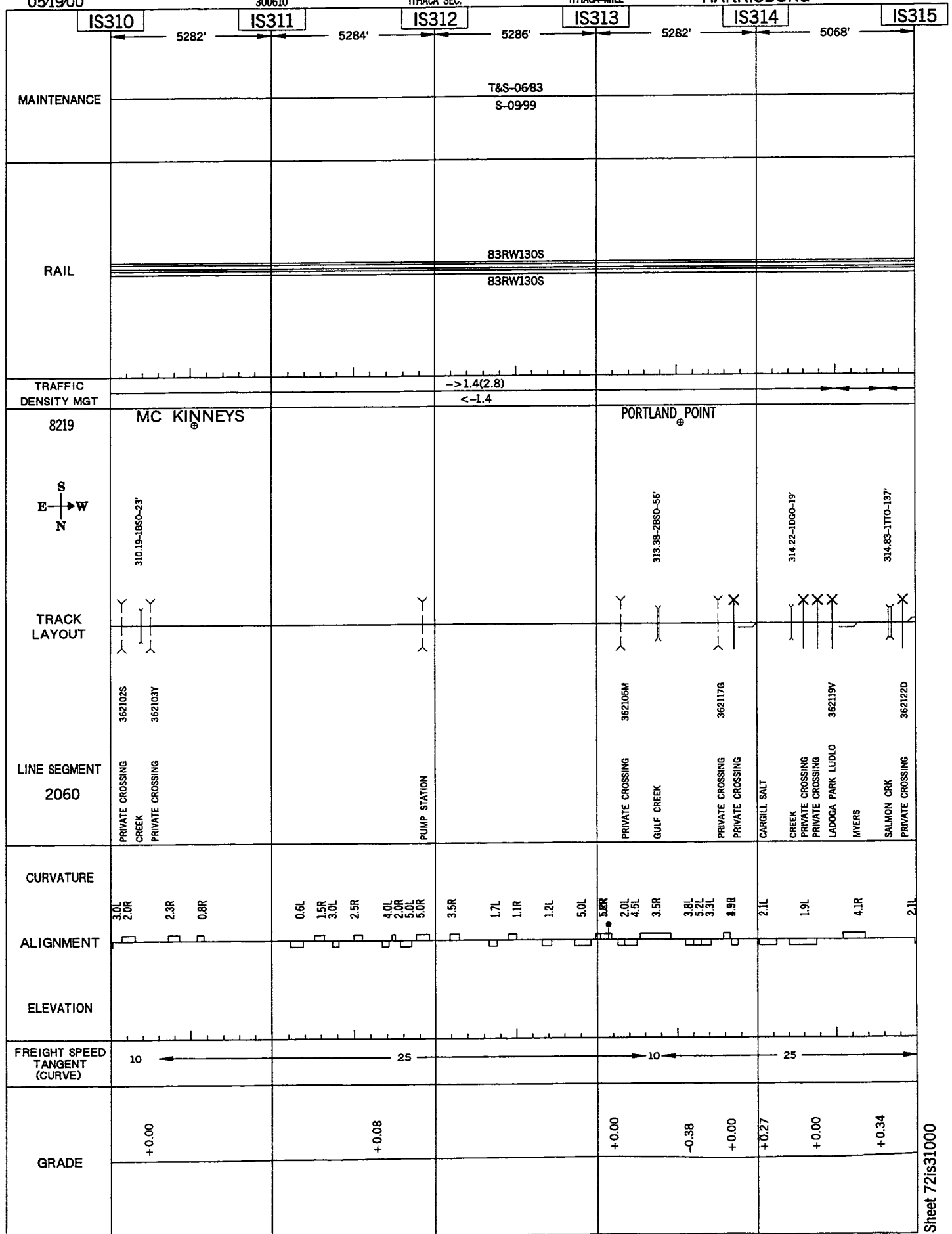
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300610

ITHACA SEC.

ITHACA-MILL

HARRISBURG



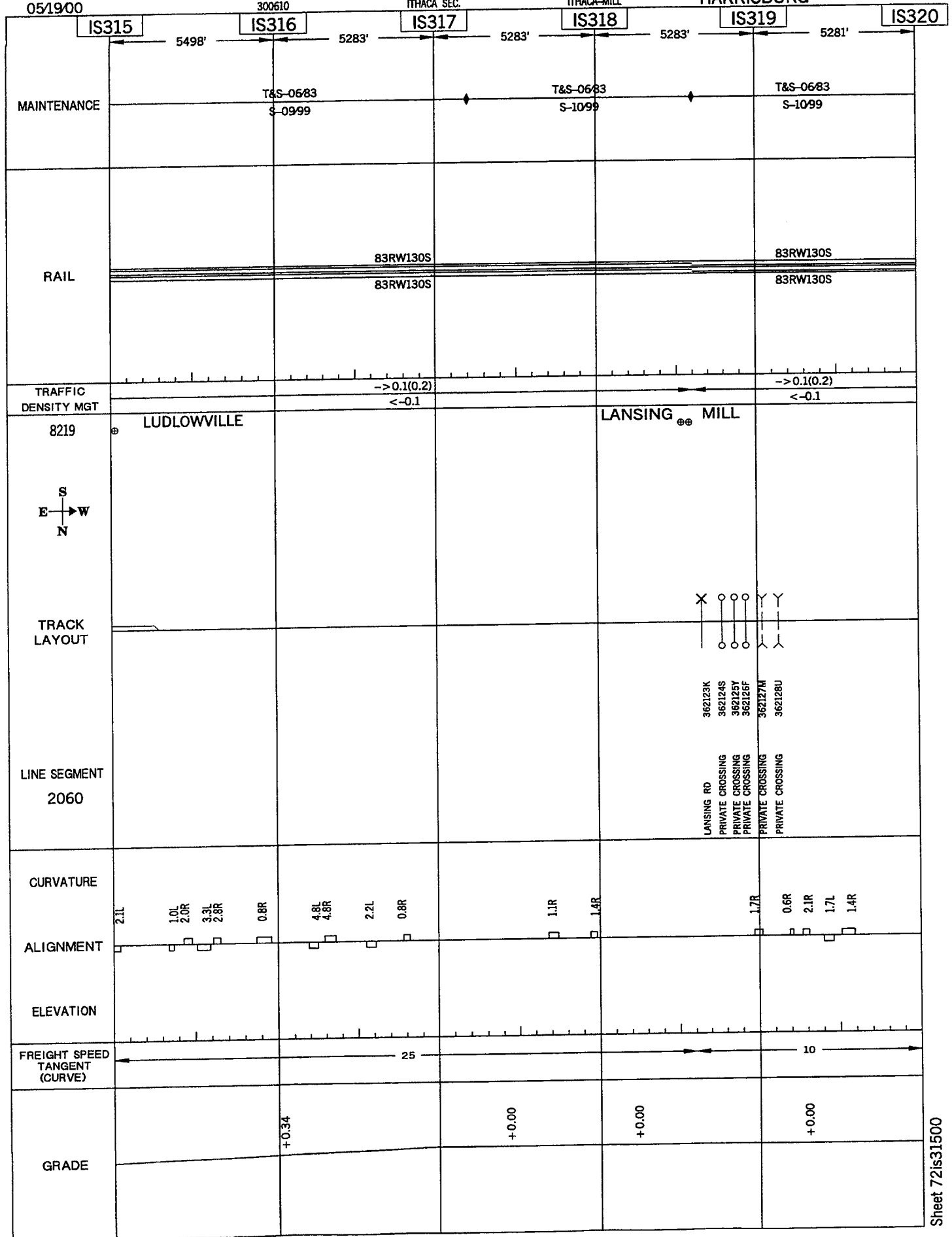
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300610

ITHACA SEC.

ITHACA-MILL

HARRISBURG



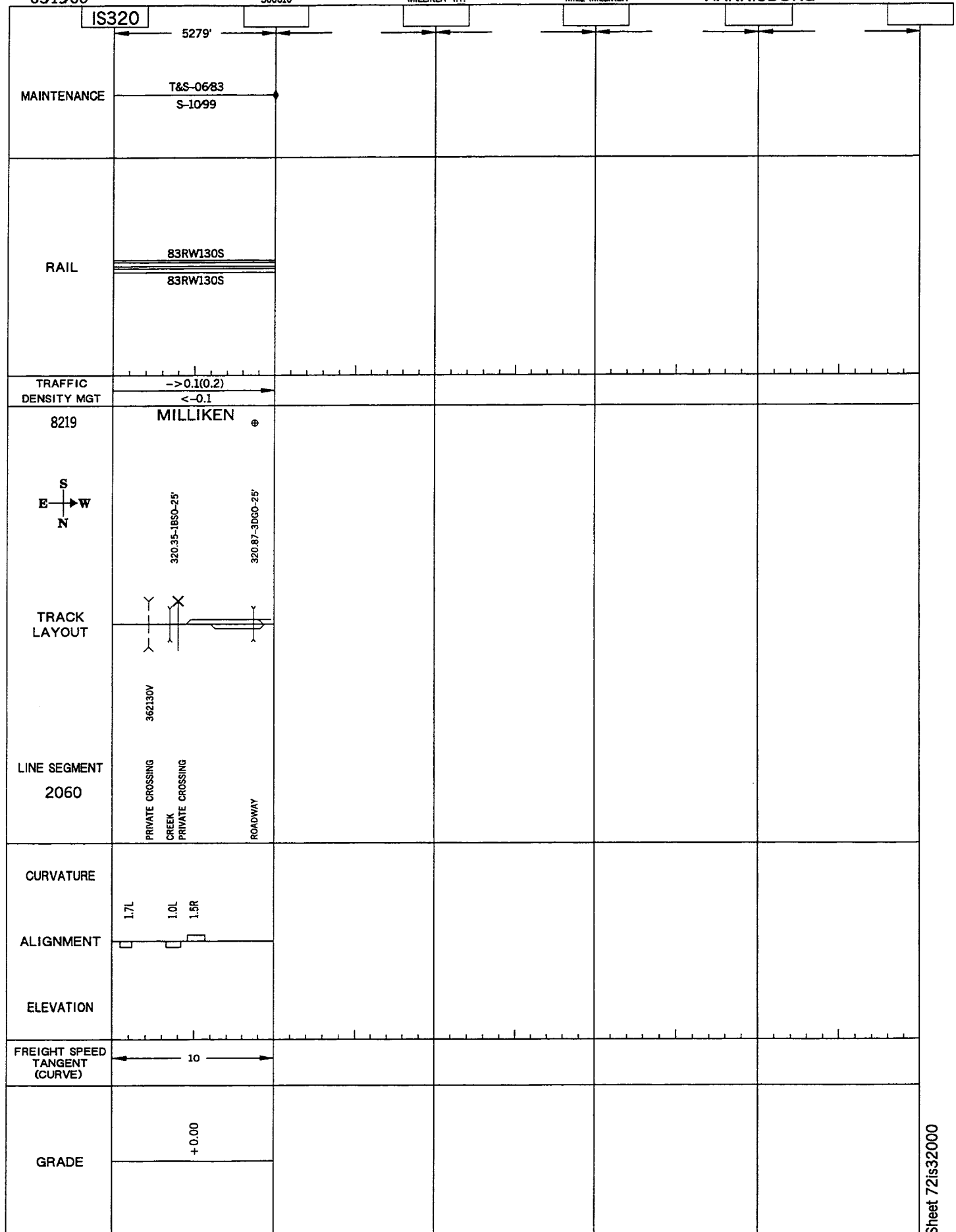
05/19/00

300610

MILLIKEN I.T.

MILL-MILLIKEN

HARRISBURG



05/19/00

100501

LEHIGH LINE

LEHIGHTON- MH JCT

HARRISBURG

LH120

5280'

T&S-06/85

T&S-06/92

S-06/98

#2
MAINTENANCE
#1

RAIL

#2
#1

88RW136S

88RW136S

56RJ136S

56RJ136S

TRAFFIC
DENSITY MGT

-> 3.7(3.7#2)

<- 3.7(3.7#1)

8207

S
E → W
N

TRACK #2
LAYOUT #1

CP LEHIGHTON

LEHIGHTON

LINE SEGMENT
2543

LH-119.30-18-114.70

CURVATURE
#2

ALIGNMENT

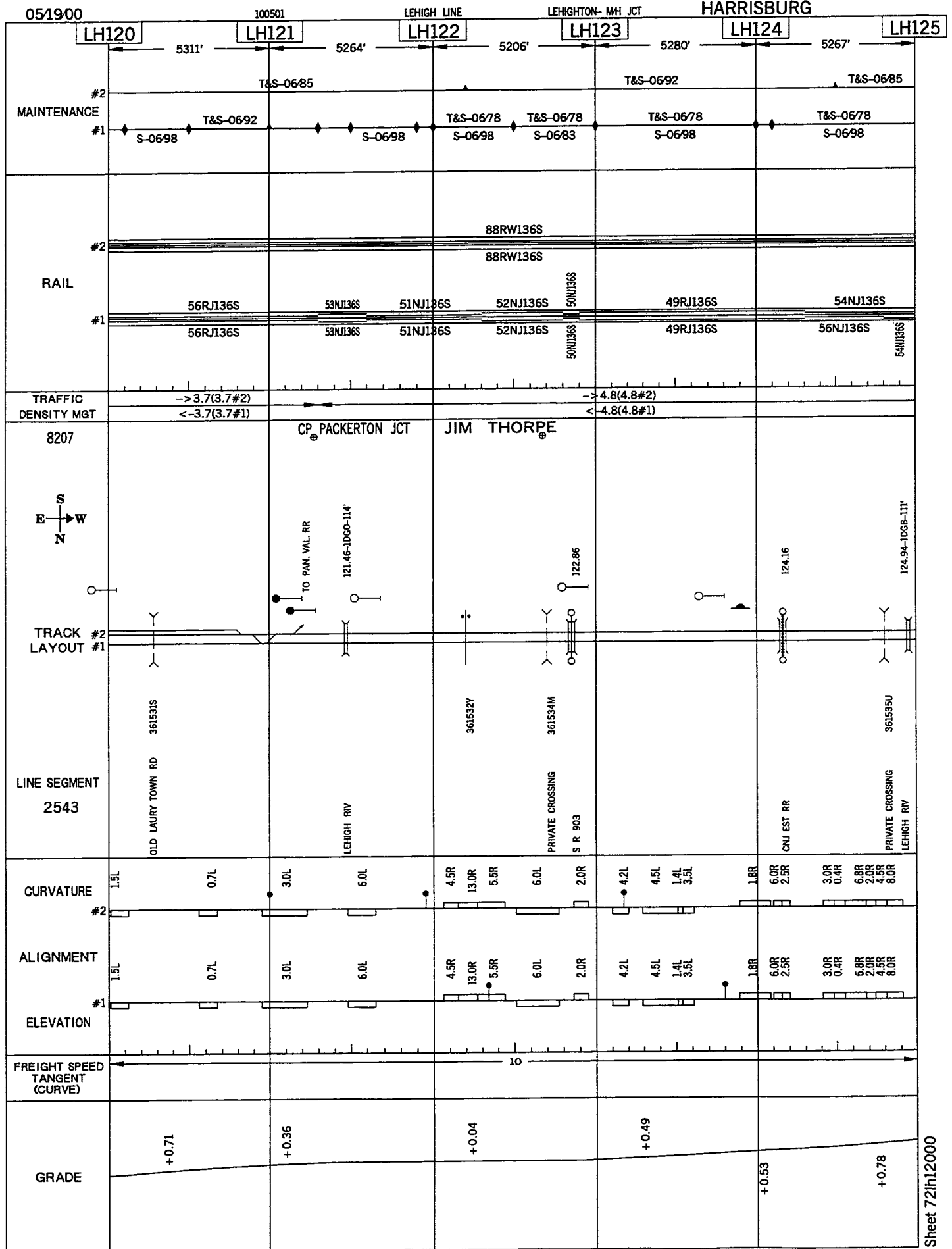
#1
ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10 10

GRADE

+0.00



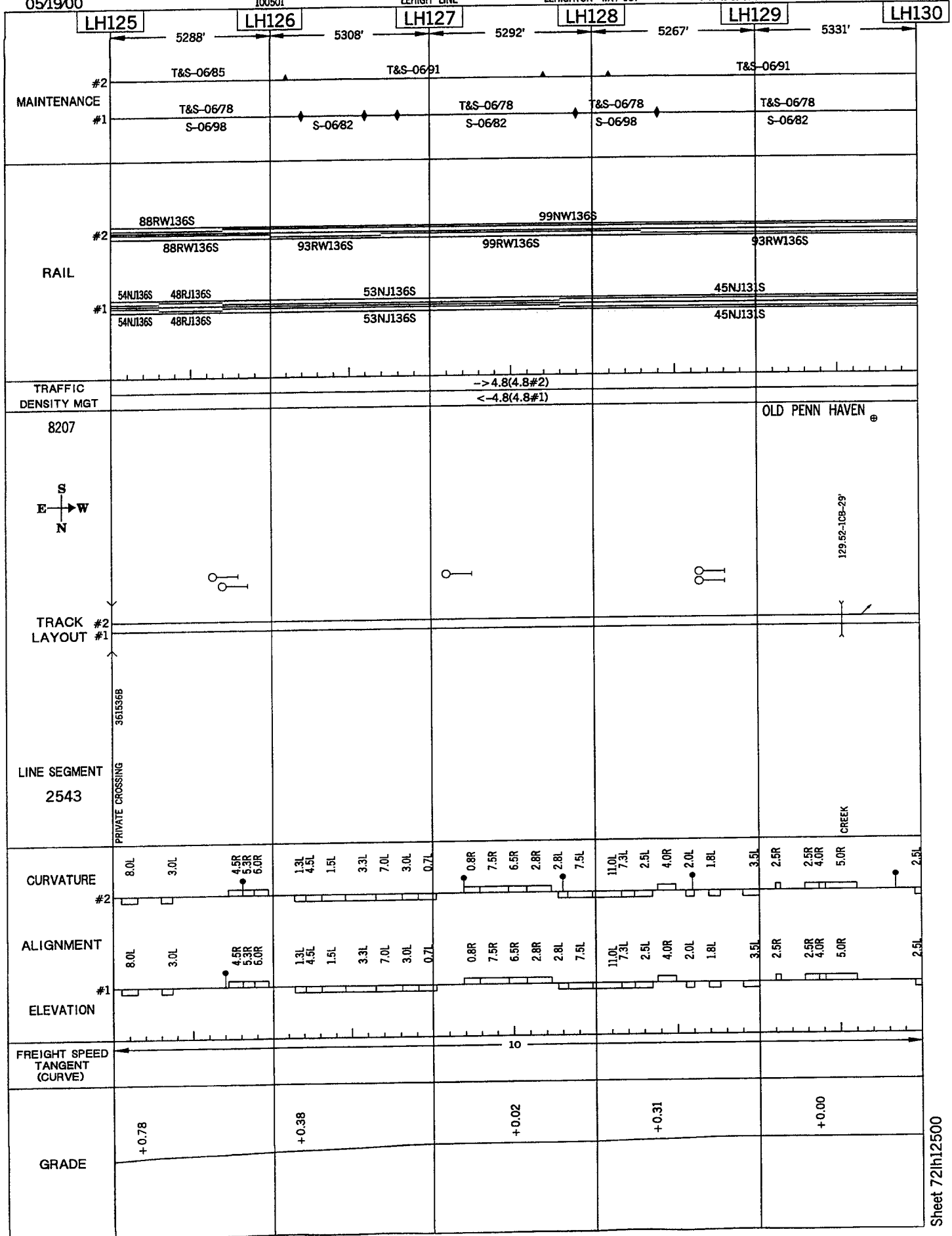
05/19/00

100501

LEHIGH LINE

LEHIGH TON- MH JCT

HARRISBURG



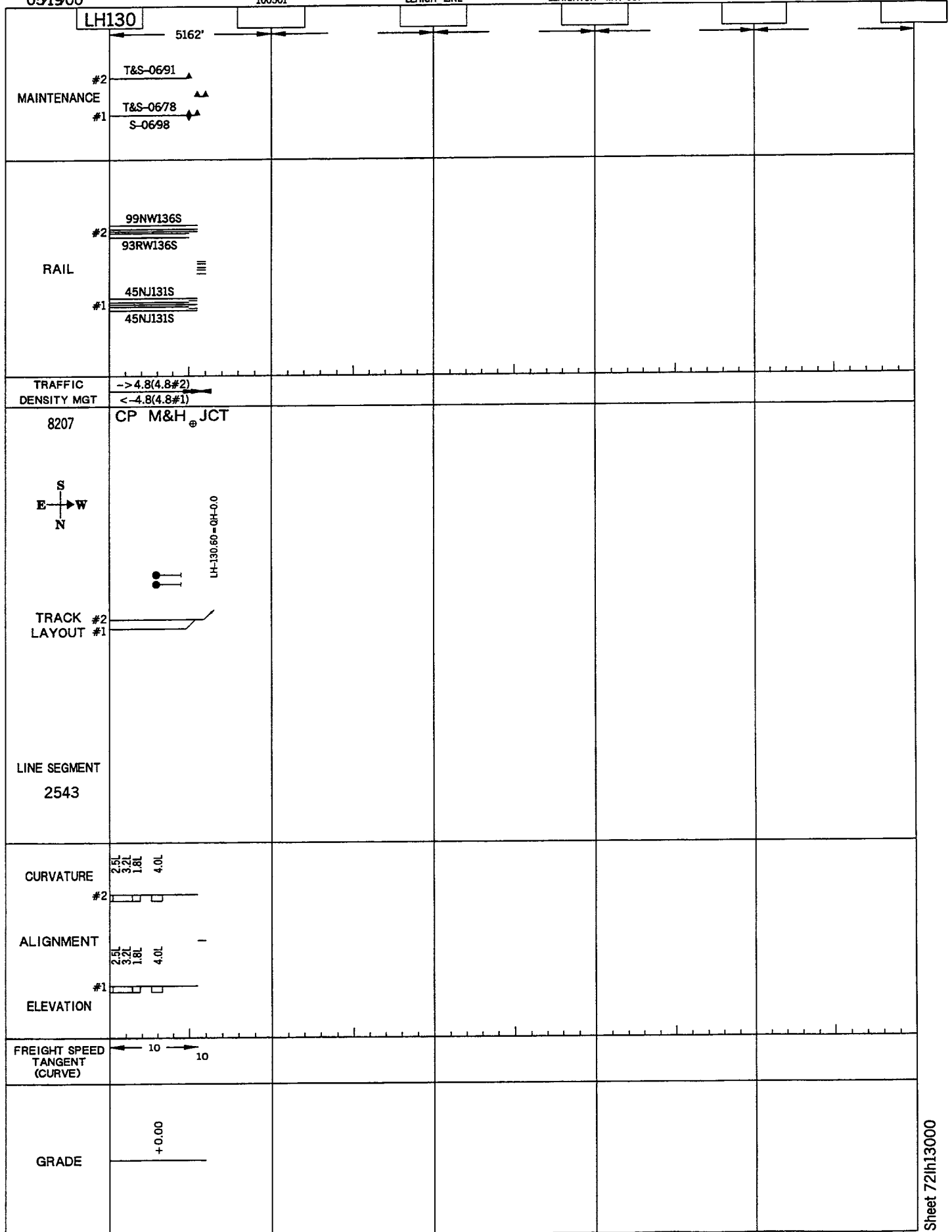
051900

100501

LEHIGH LINE

LEHIGHTON- MH JCT

HARRISBURG



051900

100521

FREEMANSBURG I.T.

BETHLEHEM-LEHIGHTON

HARRISBURG

LB84

LB85

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8269



TRACK
LAYOUT

LINE SEGMENT

2177
2180

CURVATURE

ALIGNMENT

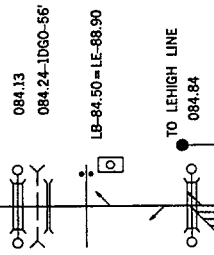
ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

27N130S
31N130S
31N130S
95NW136S
95NW136S

CP JU



NEW ST BR
PRIVATE CROSSING
MONACACY CK

SOUTH MAIN ST

RTE 378

2.0L

0.3R

10 20

+0.00

+0.00

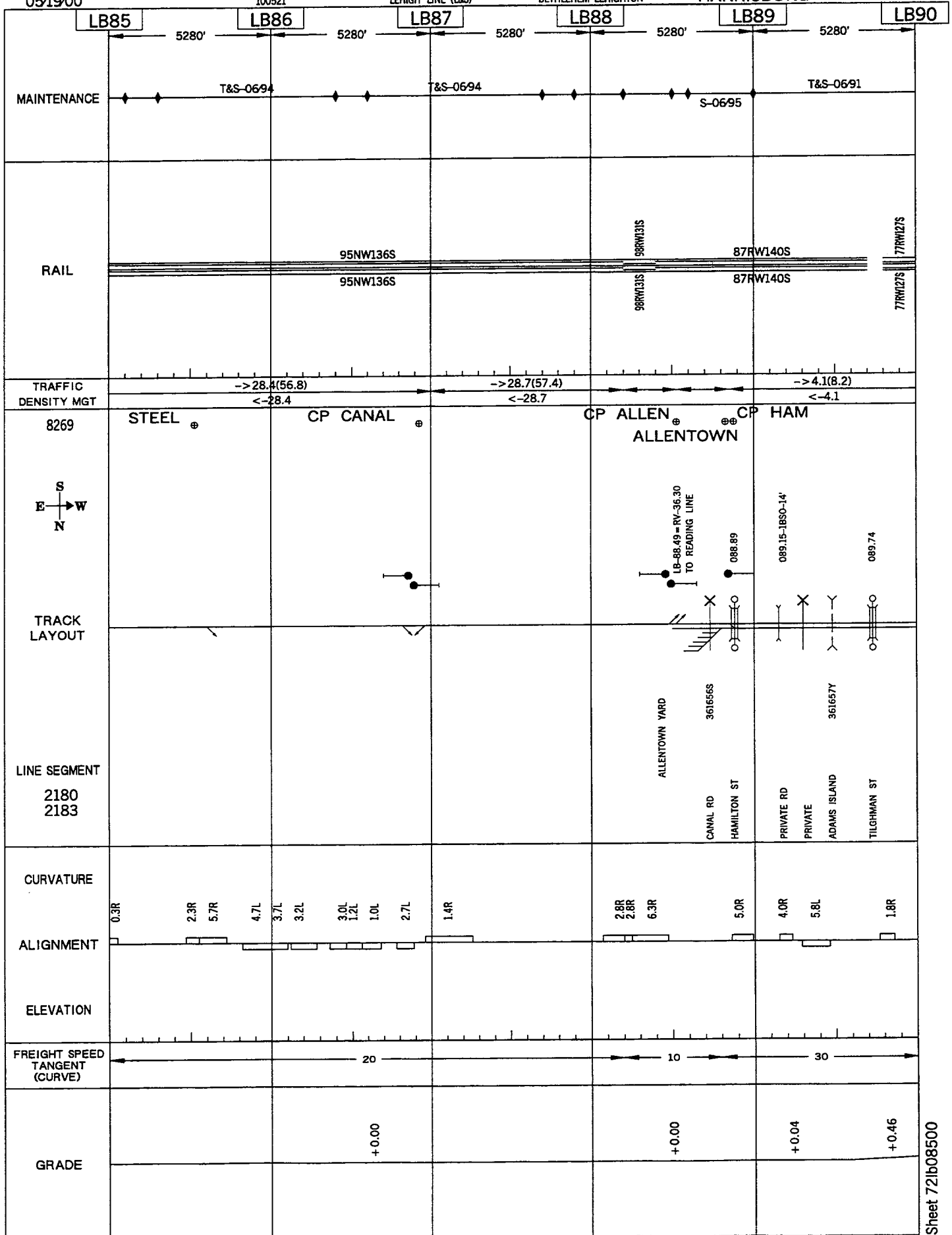
05/1900

100521

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGH TON

HARRISBURG



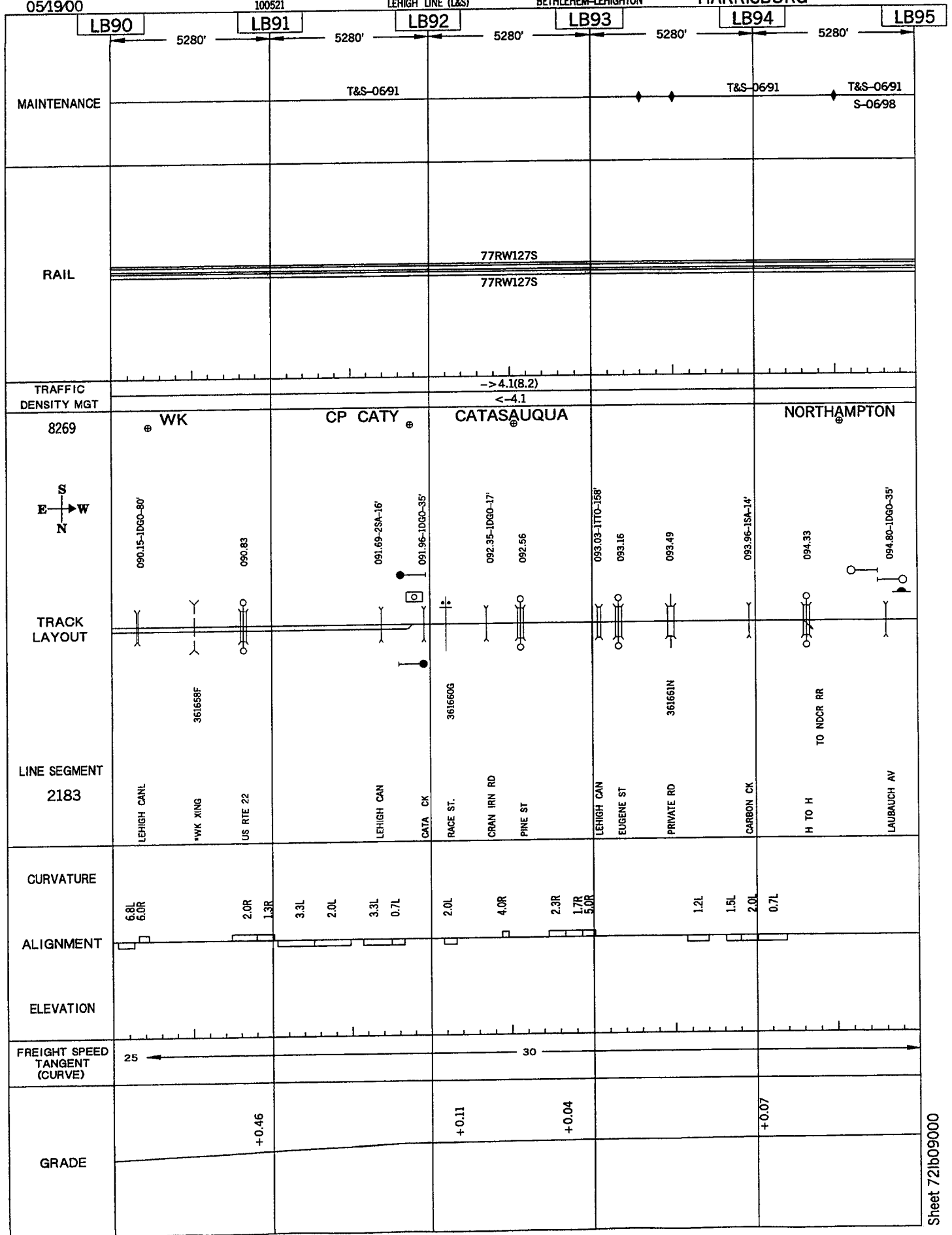
05/19/00

100521

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGH TON

HARRISBURG



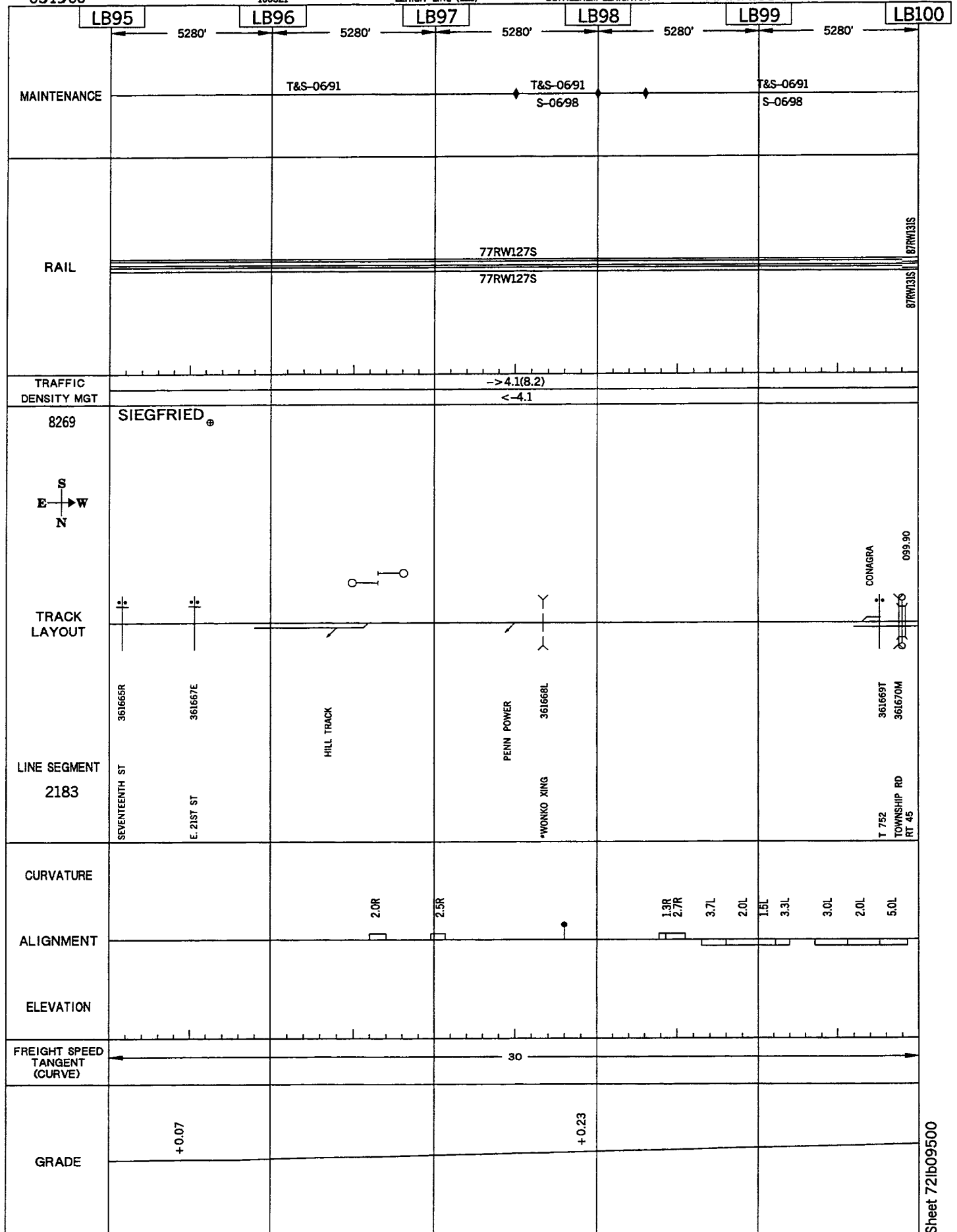
051900

100521

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG



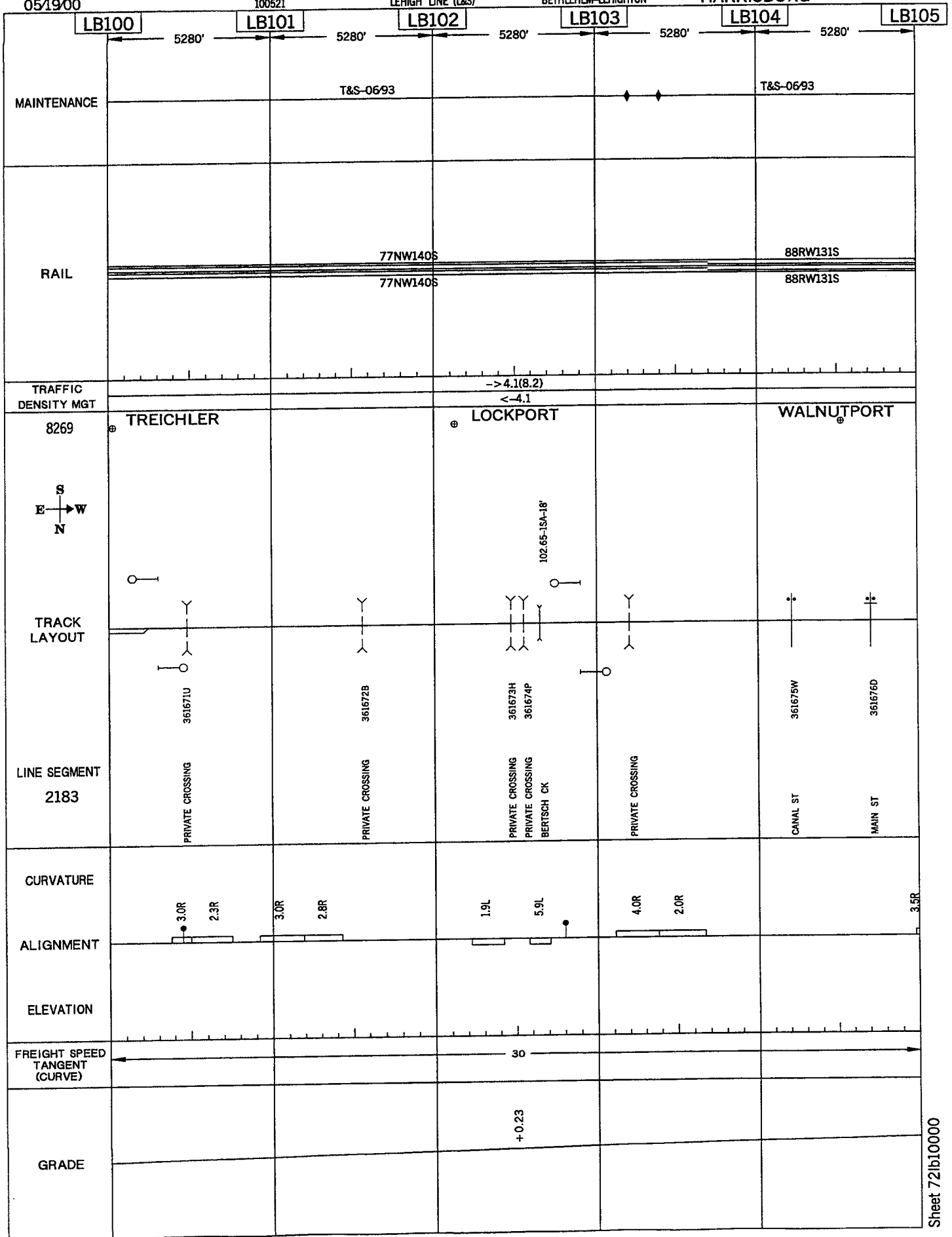
05/19/00

100521

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG



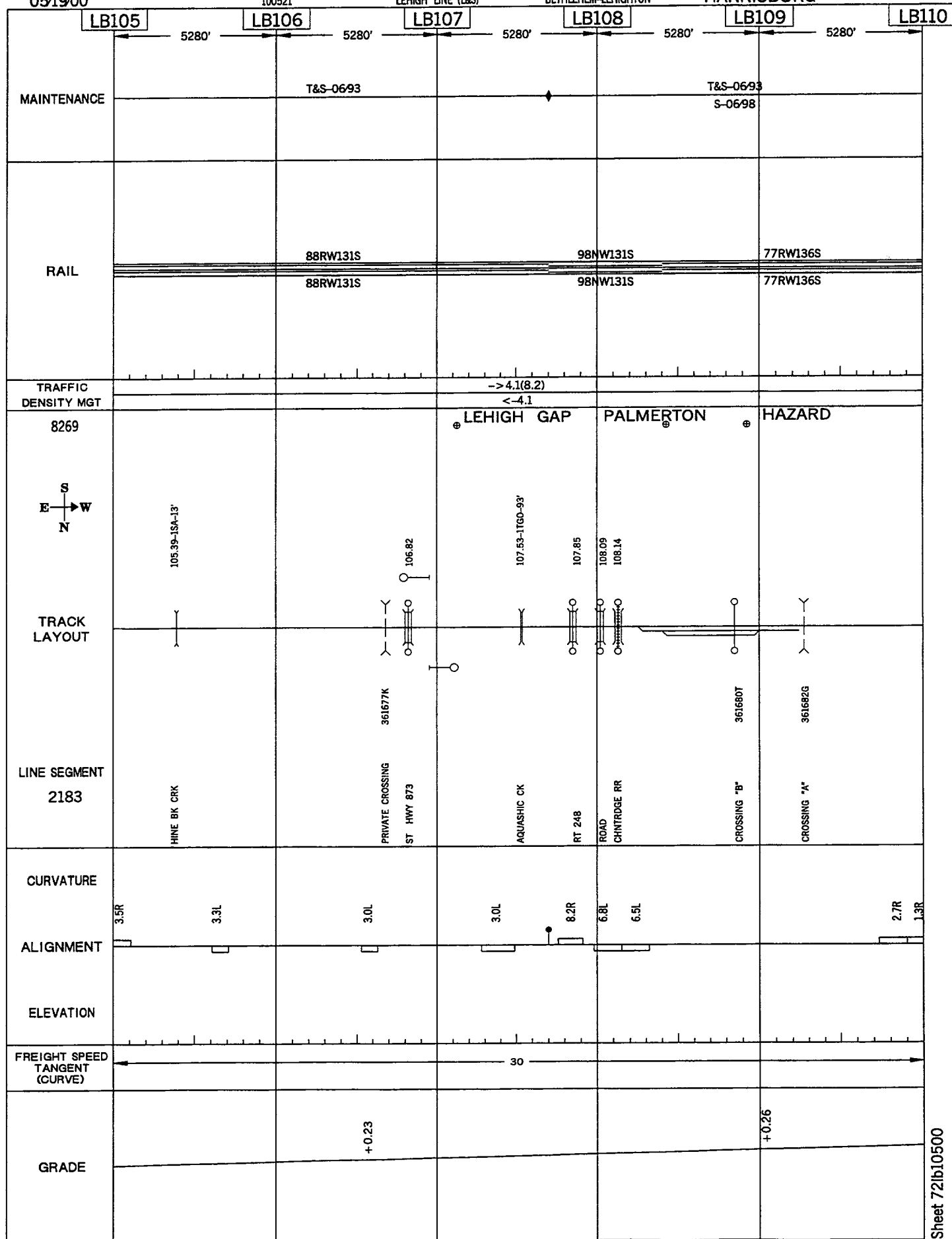
05/1900

100521

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG



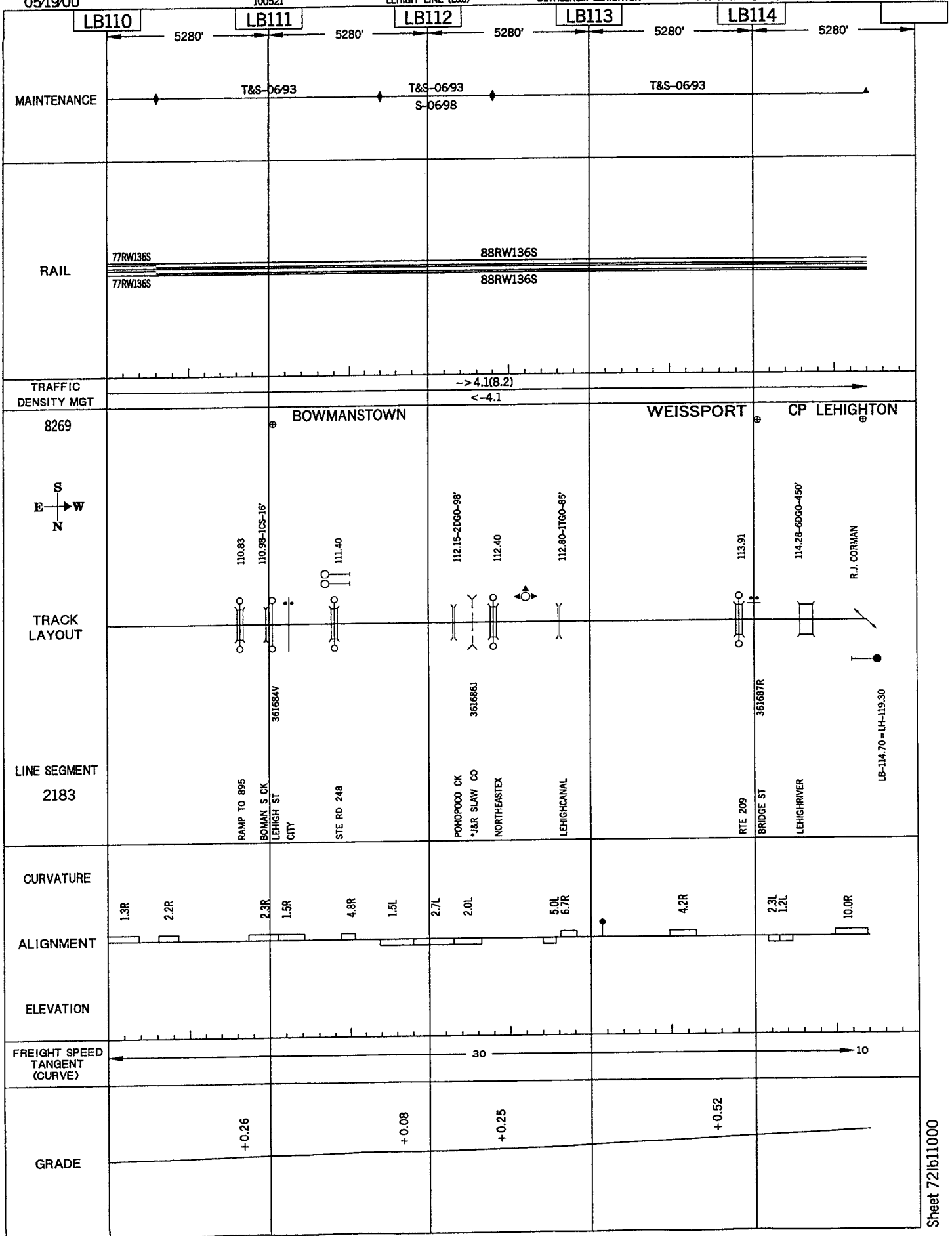
051900

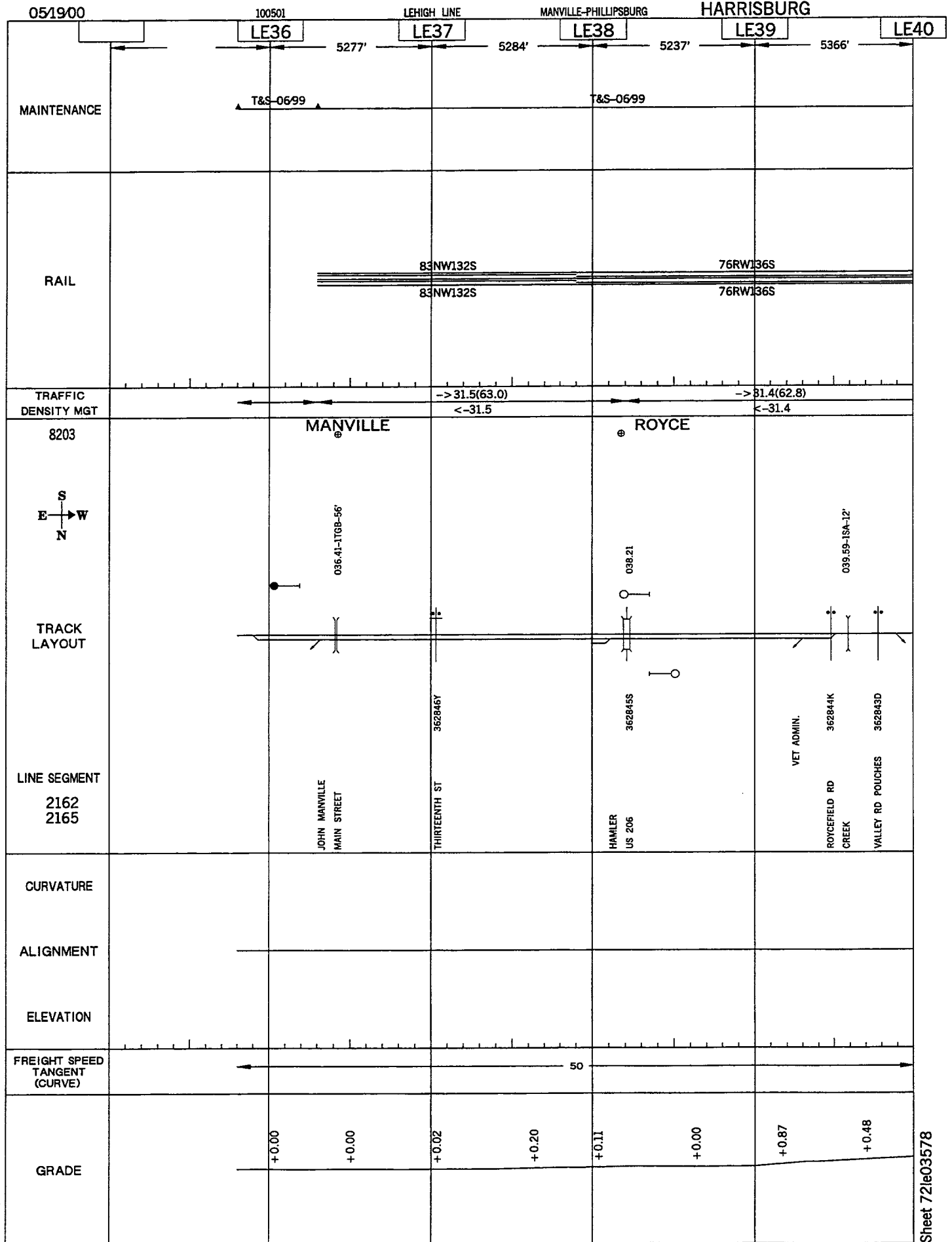
100521

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG





051900

100501

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG

LE40

LE41

LE42

LE43

LE44

LE45

5203'

5362'

5278'

5353'

5286'

MAINTENANCE

T&S-0699

RAIL

76RW136S

83NW132S

98NW136S

83NW132S

76RW136S

83NW132S

83NW132S

TRAFFIC
DENSITY MGT

--> 31.4(62.8)
<- 31.4

8203

READ VALLEY

NESHANIC



TRACK
LAYOUT

041.94

043.85-2178-30'
043.98

044.24-1060-312'

044.56-1068-20'

LINE SEGMENT
2165

362842W
AUTEN ROAD

362840H
BEEKMANS LN

CR 625

362837A
CNI EST RR
MILL LANE

RARITAN RVR

ROAD

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

50

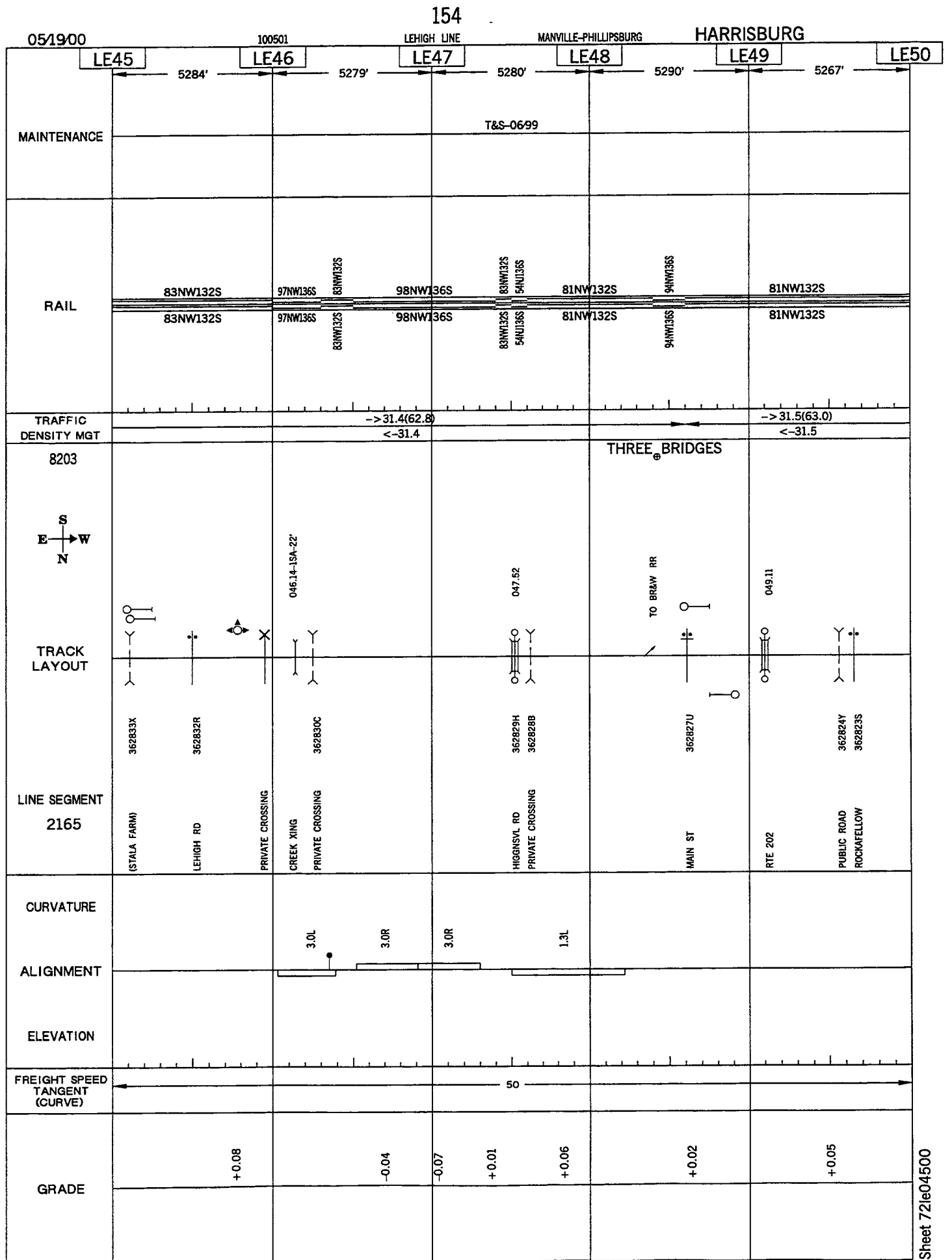
GRADE

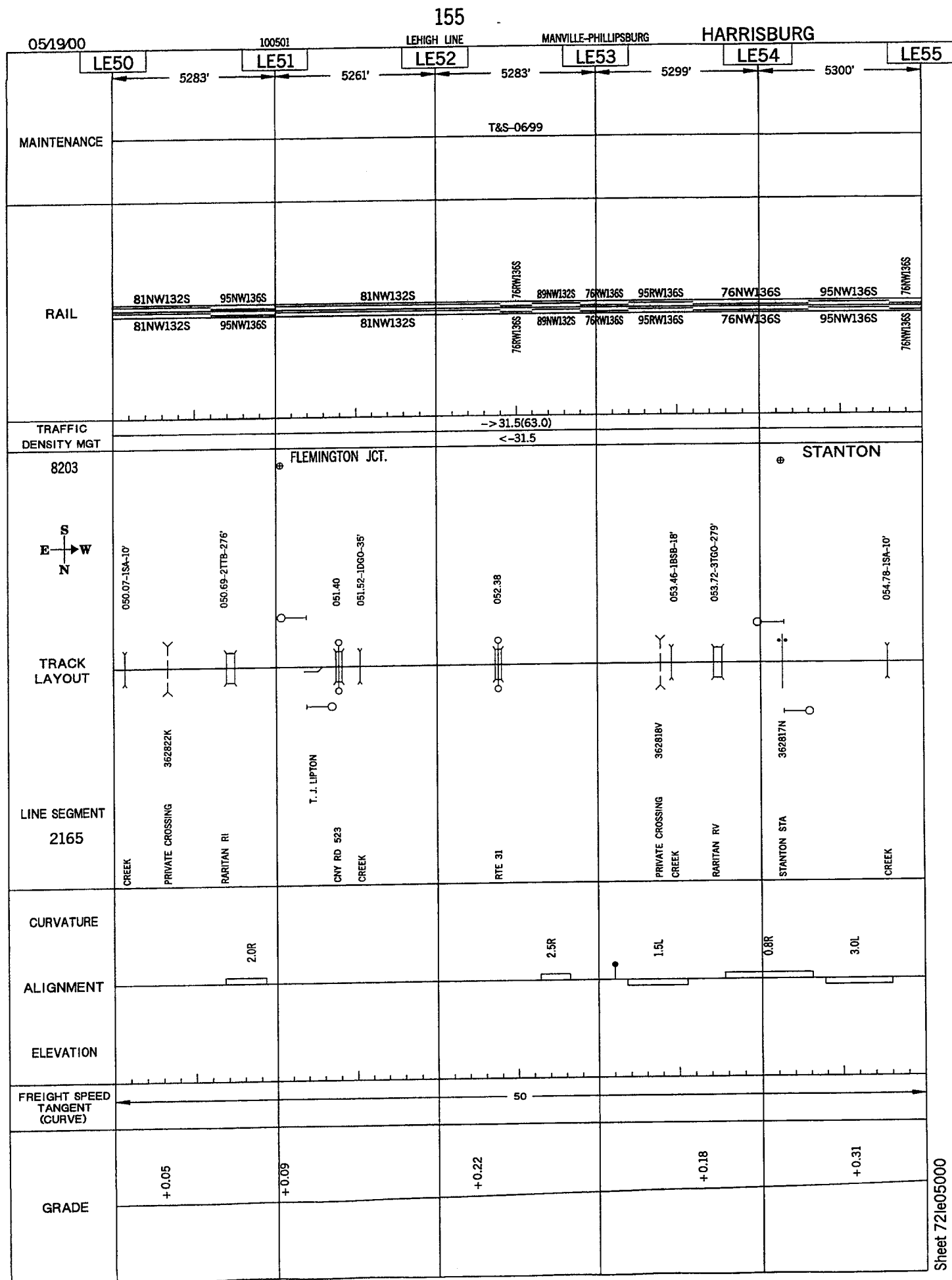
+0.27

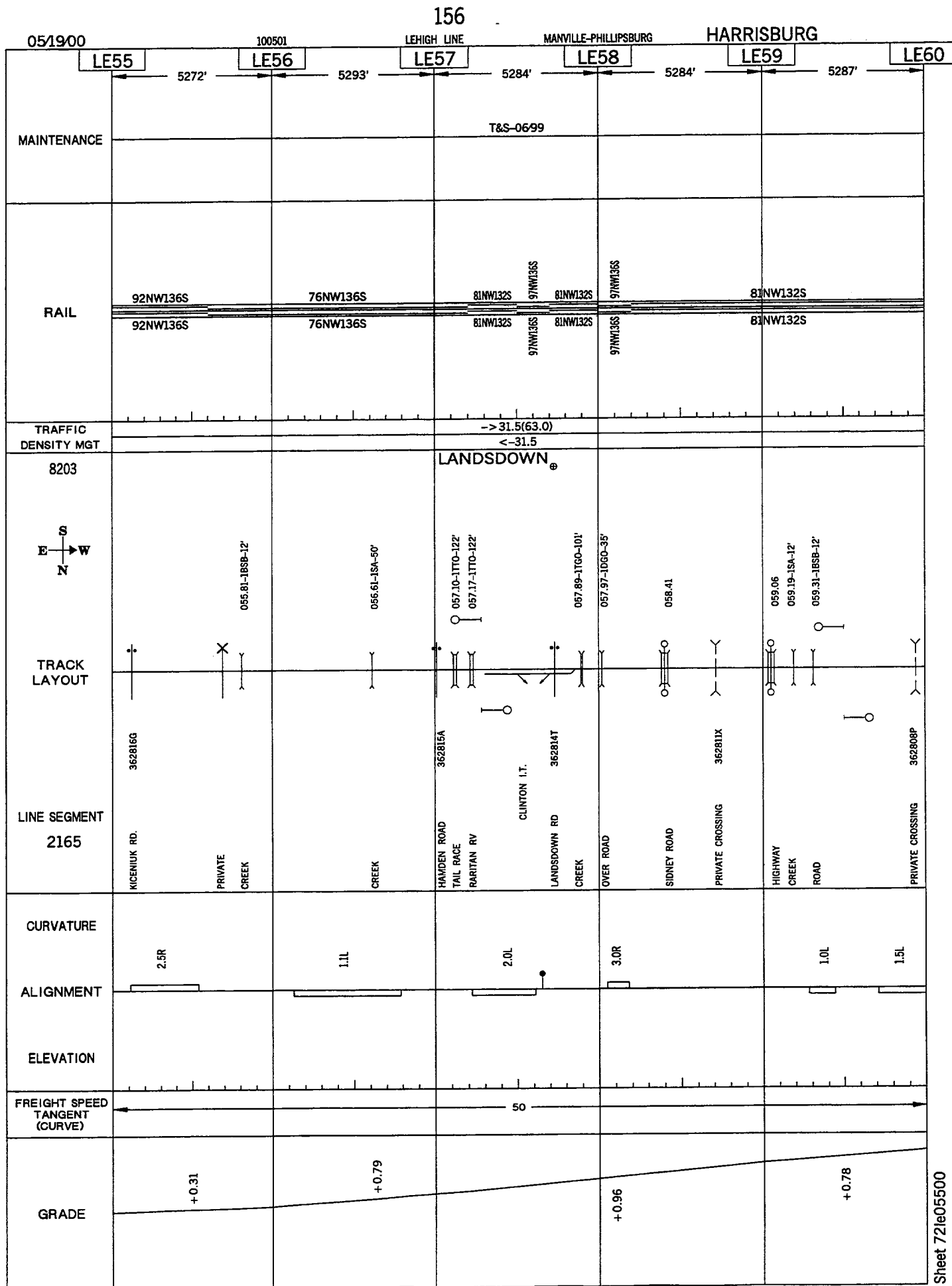
-0.08

+0.00

+0.08







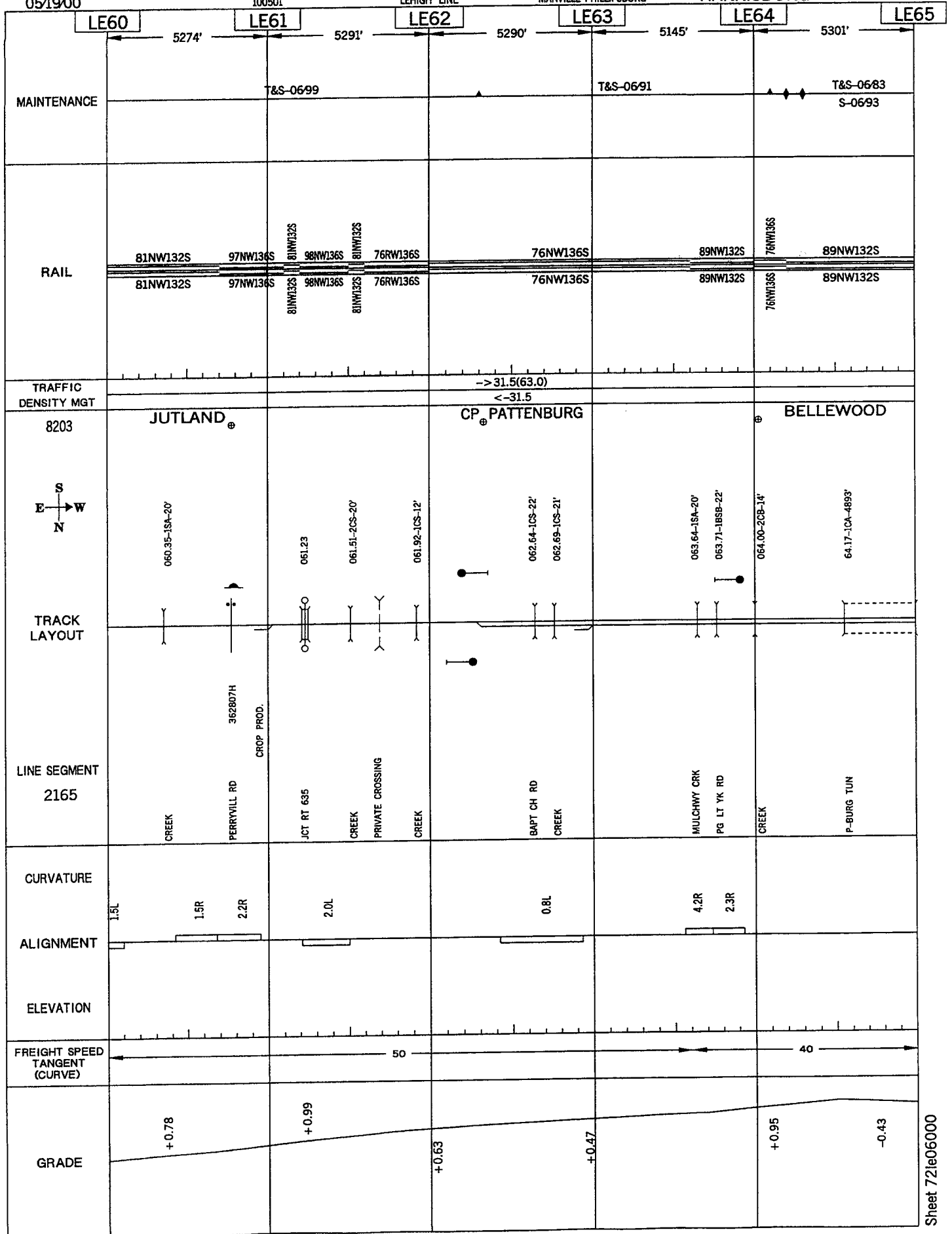
05/19/00

100501

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



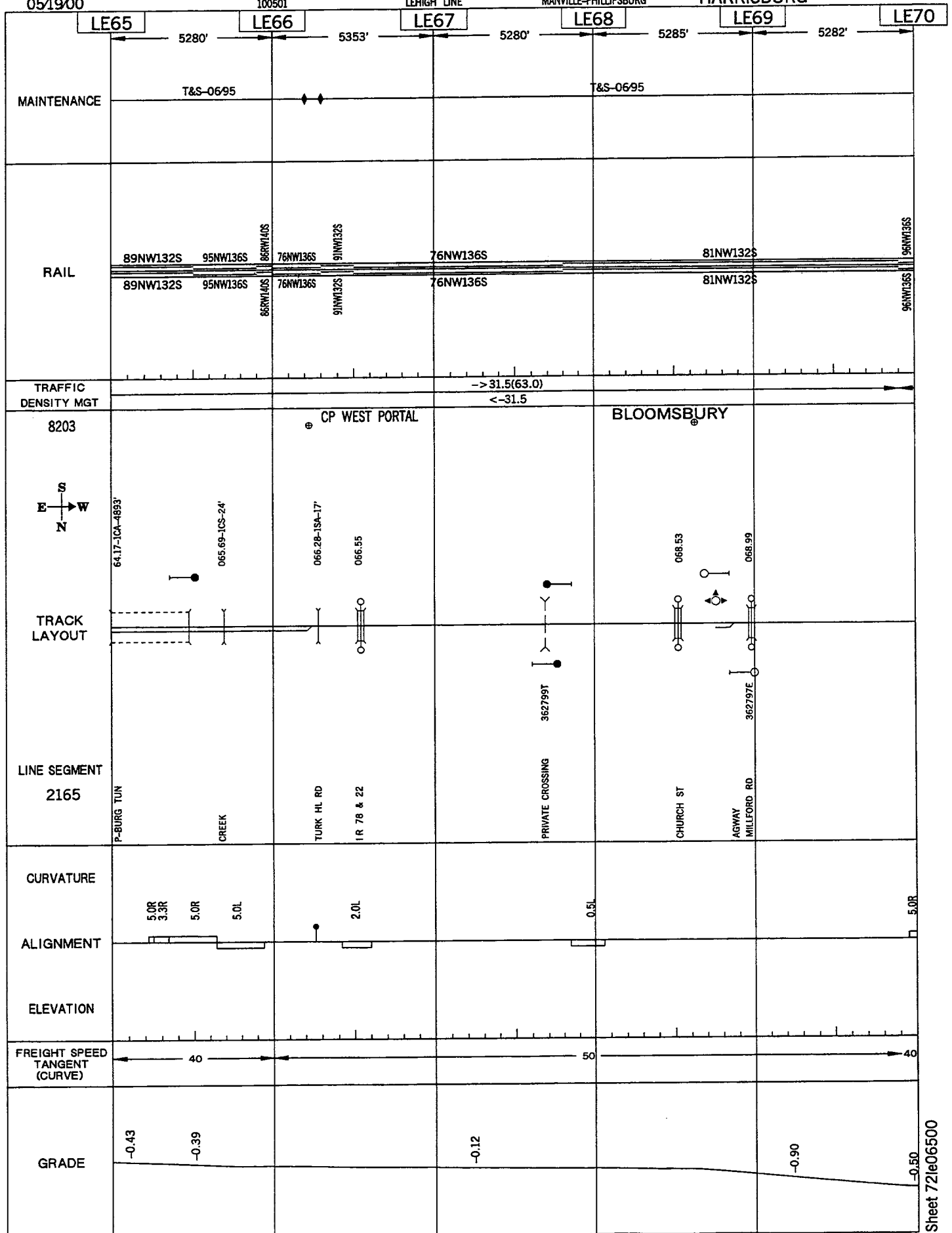
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100501

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



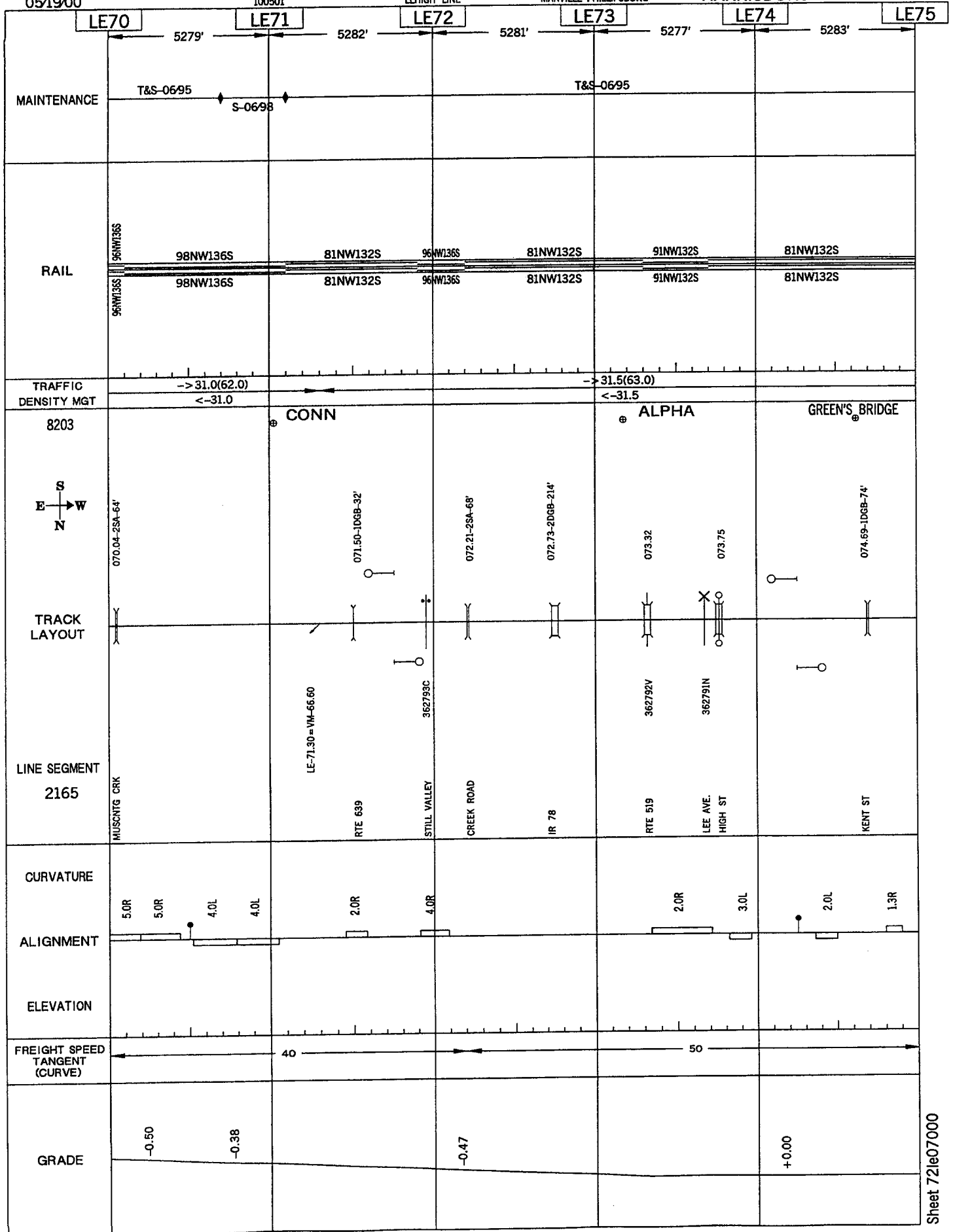
05/19/00

100501

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



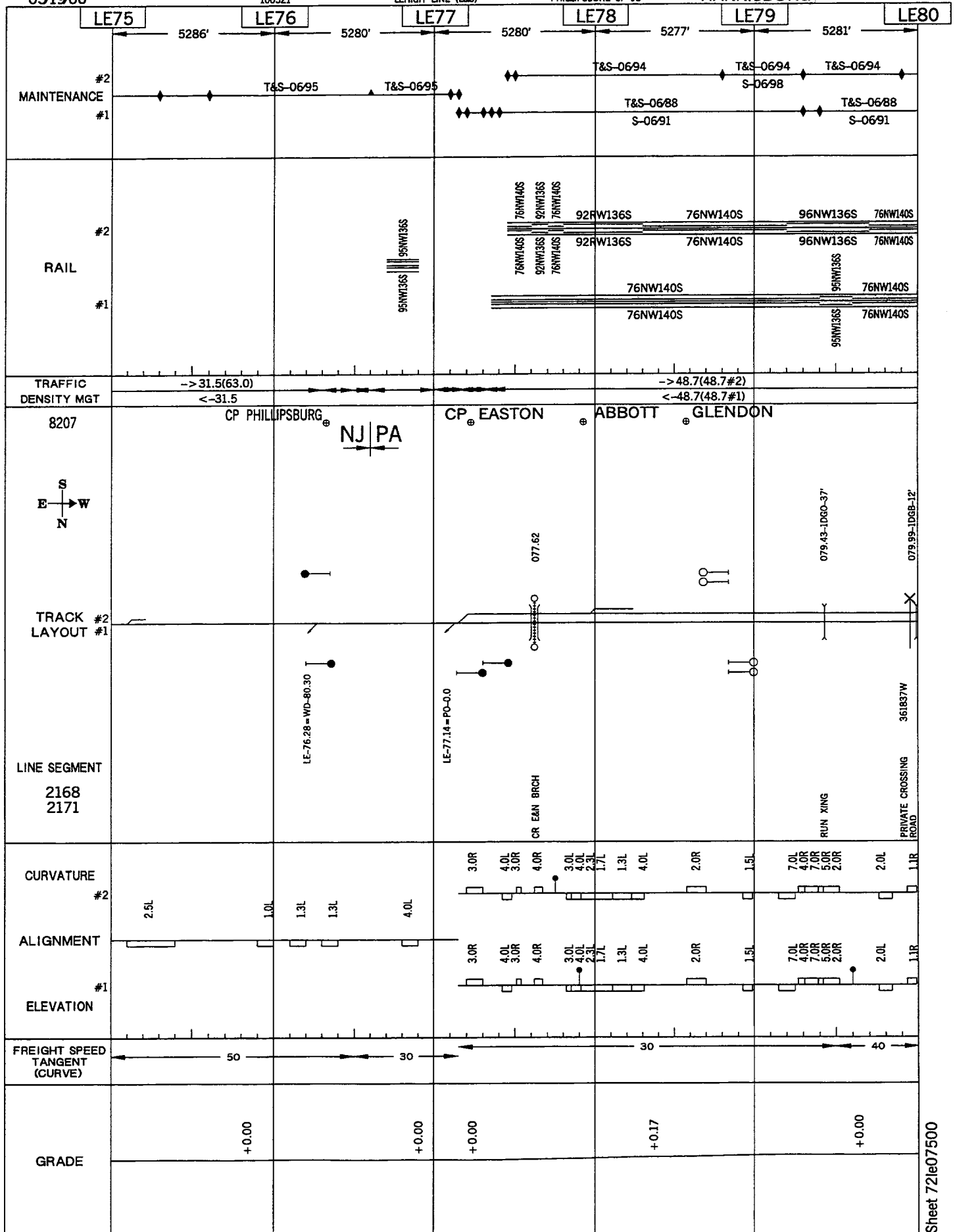
051900

100521

LEHIGH LINE (L&S)

PHILLIPSBURG-CP JU

HARRISBURG



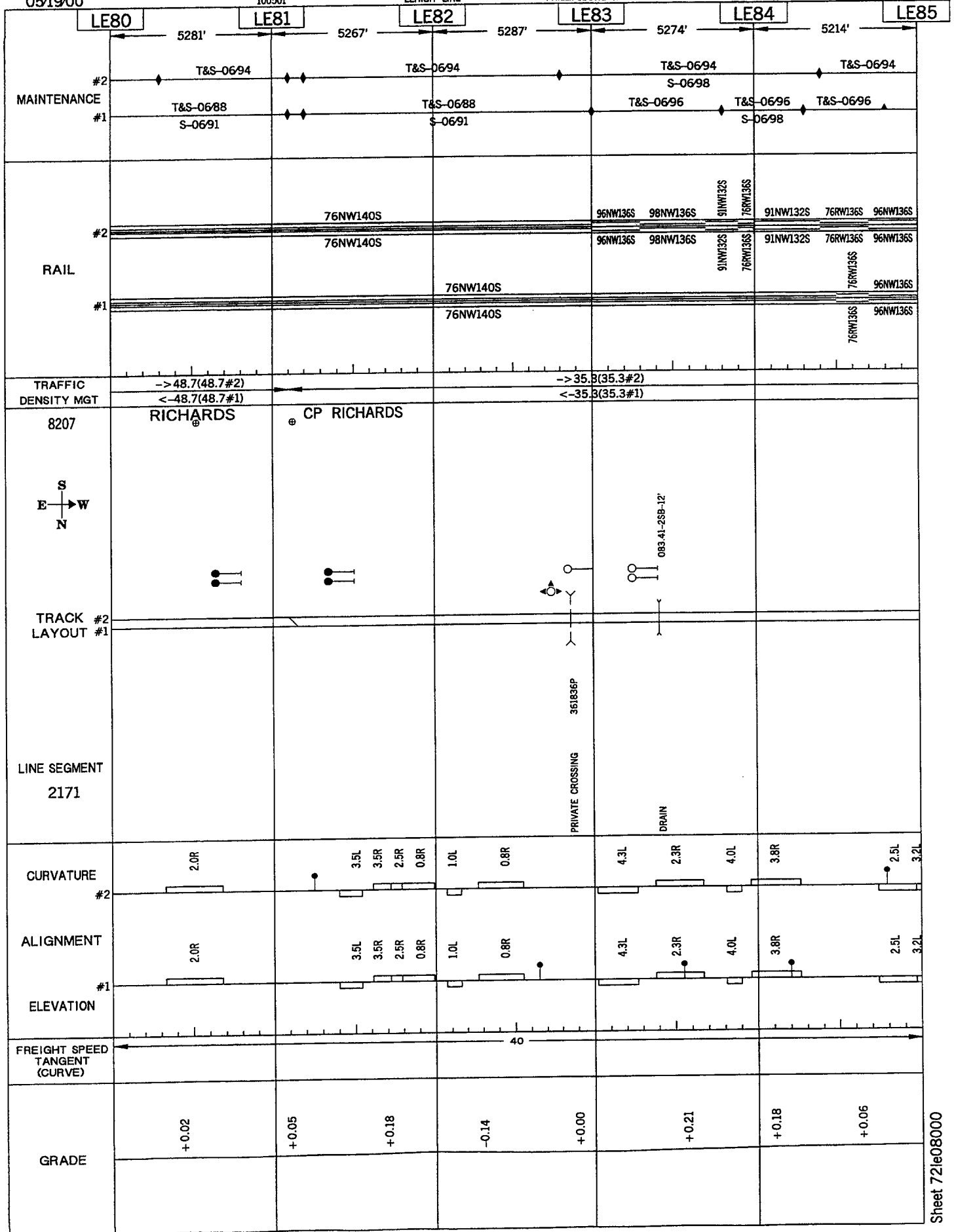
05/19/00

100501

LEHIGH LINE

PHILLIPSBURG-CP JU

HARRISBURG



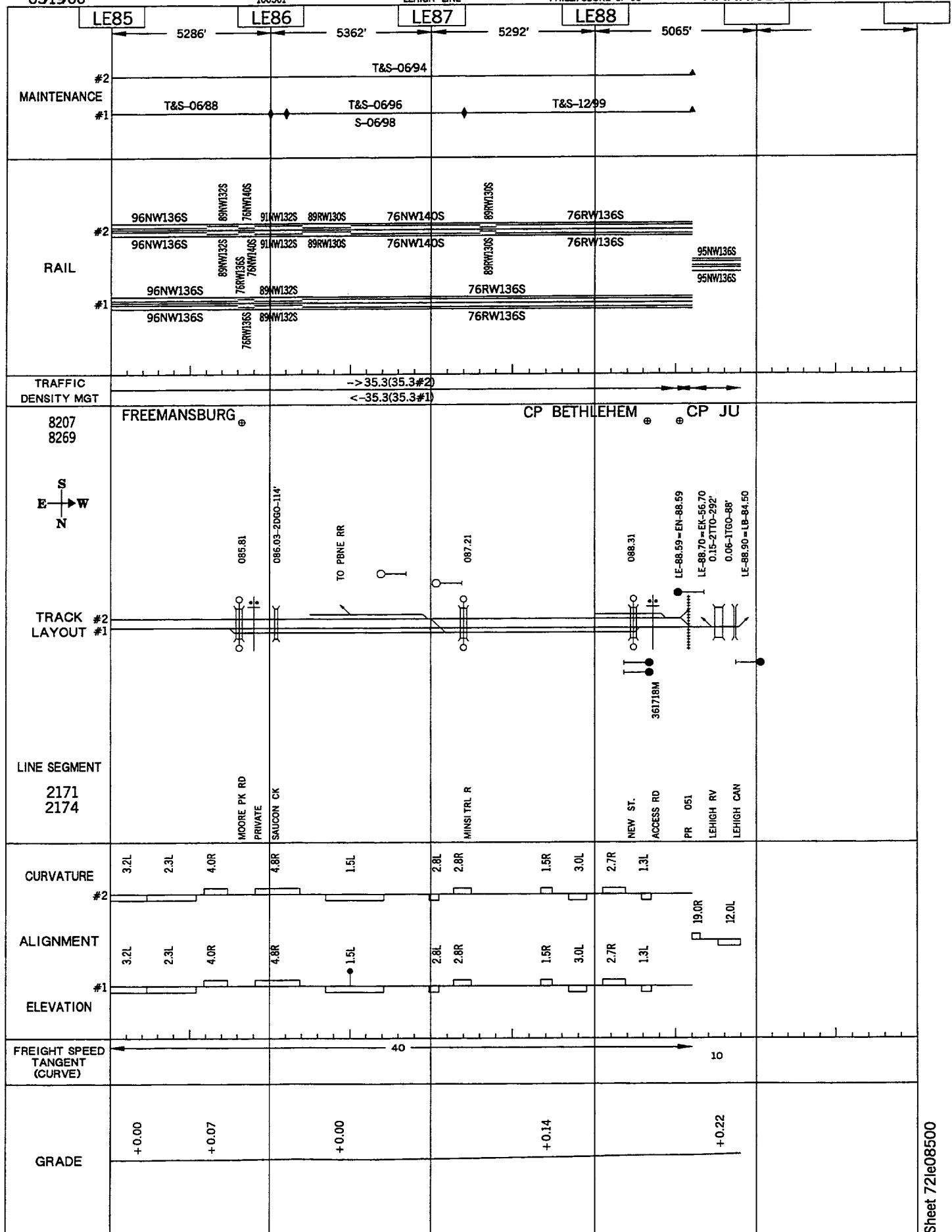
051900

100501

LEHIGH LINE

PHILLIPSBURG-CP JU

HARRISBURG



051900

106159

NAVE-CROXTON R.T.

CP CROXTON-HX

HARRISBURG

ND2

ND3

ND4

5280'

5280'

1584'

MAINTENANCE

T&S-06/89

RAIL

46N131S 25N130S 51RW140S 93RW131S
46N131S 25N130S 51RW140S 93RW131S

TRAFFIC
DENSITY MGT

→ 3(2.6)
← 1.3

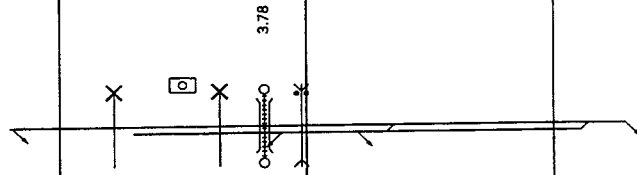
BERGEN JCT

HX

8301

S
E → W
N

TRACK
LAYOUT



LINE SEGMENT
2255

ND-1.81/2.45-NR
PRIVATE CROSSING
PRIVATE CROSSING
AMTRAK RR
COUNTY RD.
COUNTY RD.
MERCHANTS LEAD
ND-4.30=5.15-BC

CURVATURE

ALIGNMENT

ELEVATION

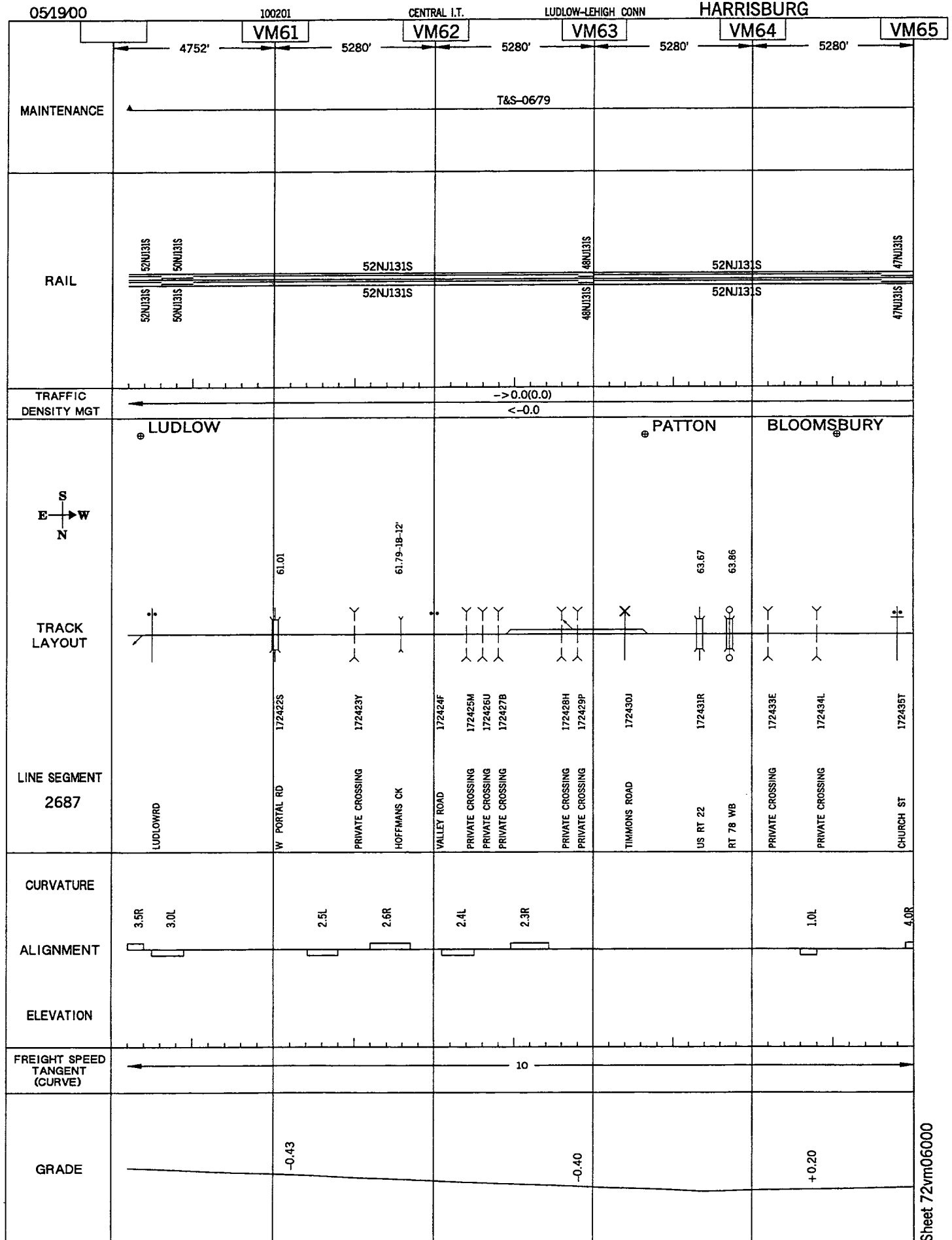
4.0R 3.7R 3.8L 9.3R 7.6L 1.6R

FREIGHT SPEED
TANGENT
(CURVE)

15

GRADE

-0.57 +1.07 -1.26 +0.07



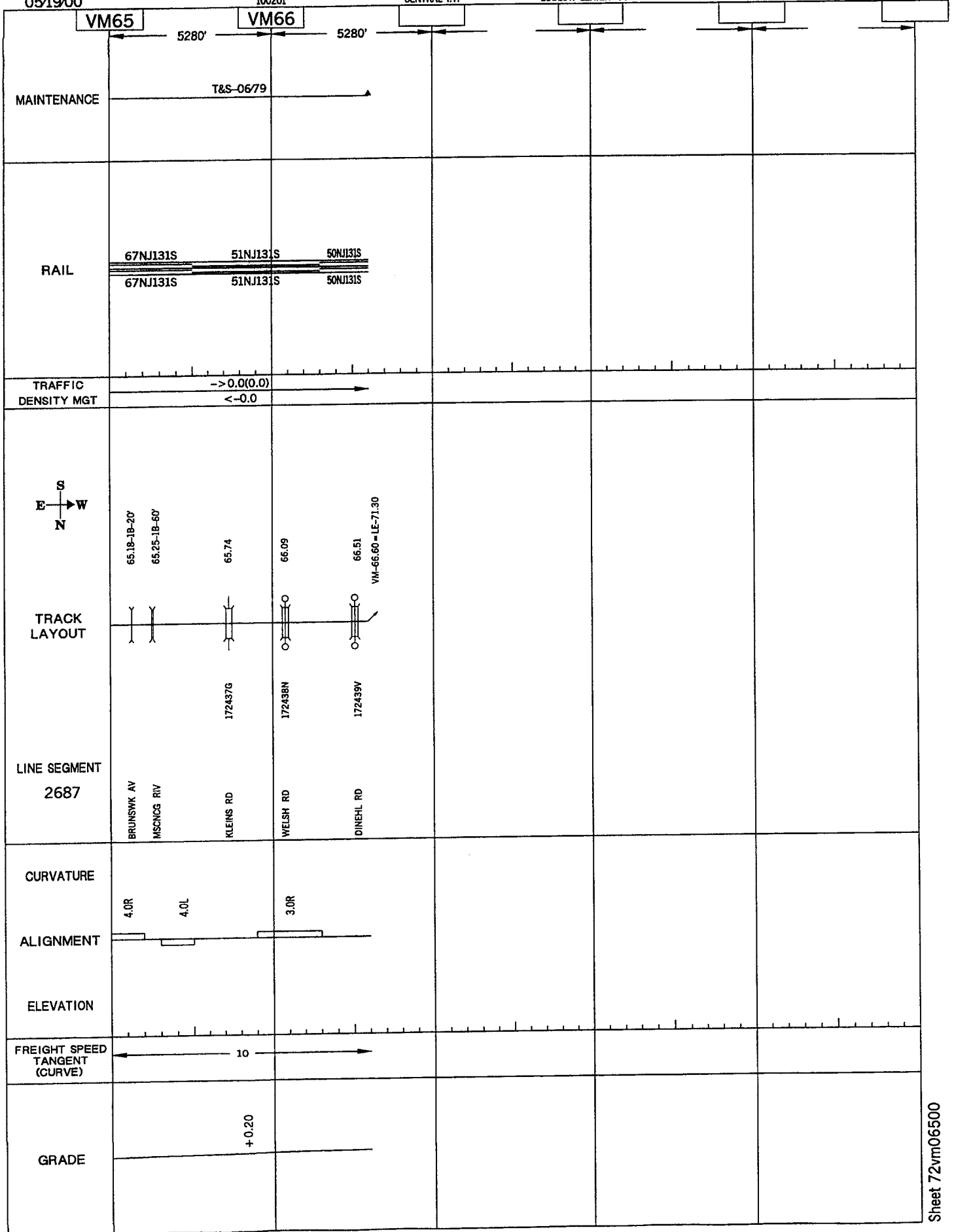
051900

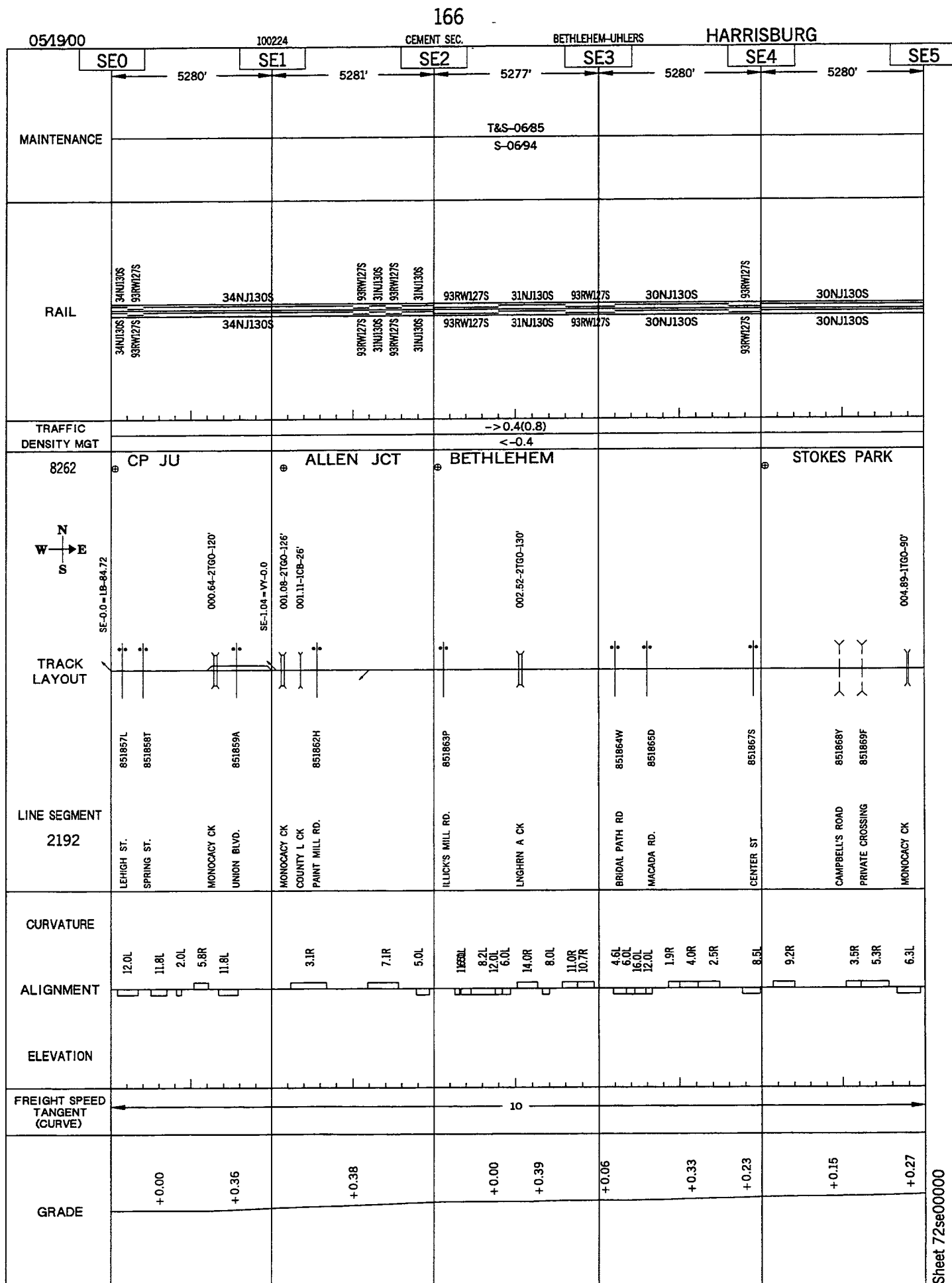
100201

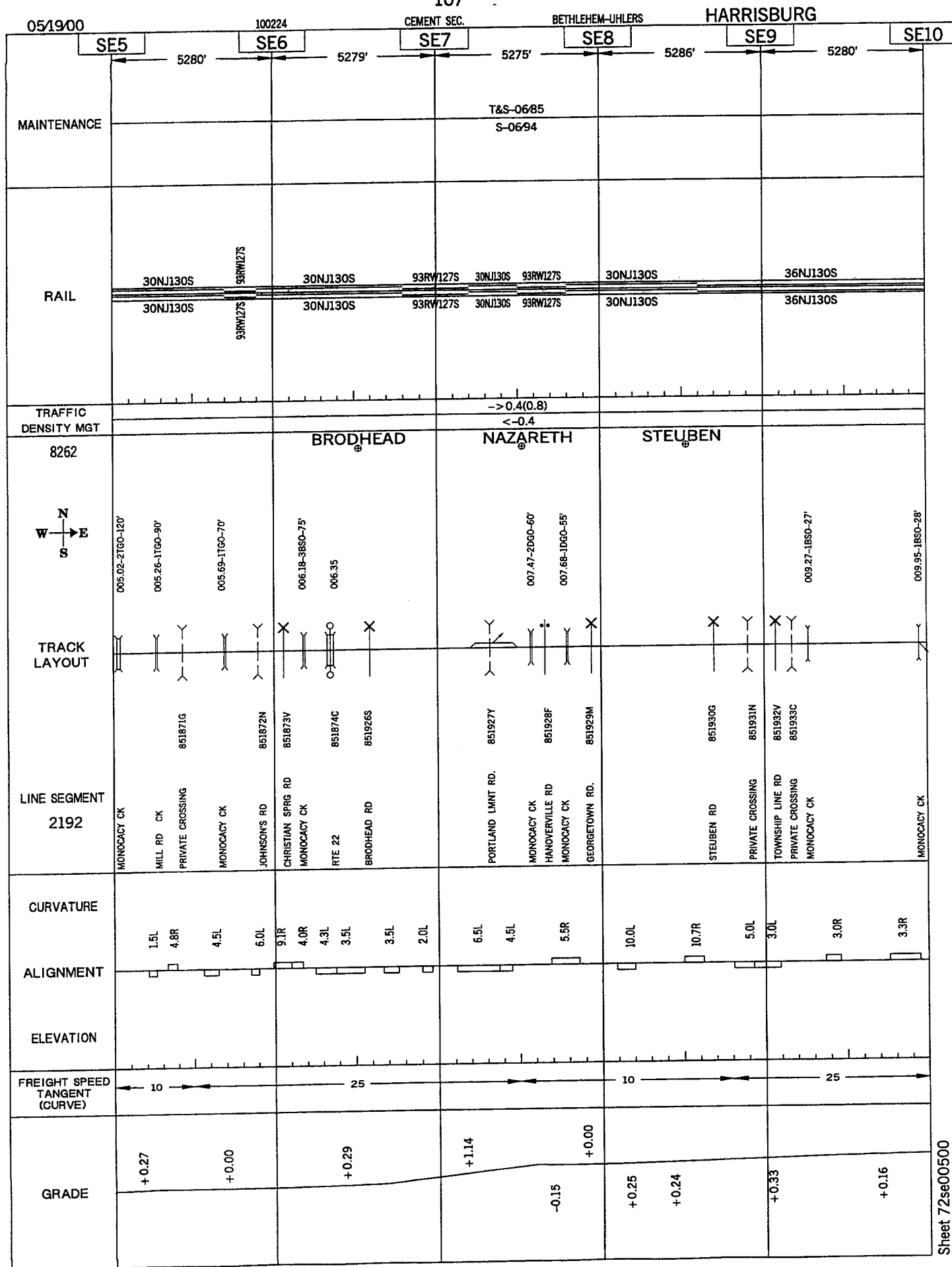
CENTRAL I.T.

LUDLOW-LEHIGH CONN

HARRISBURG







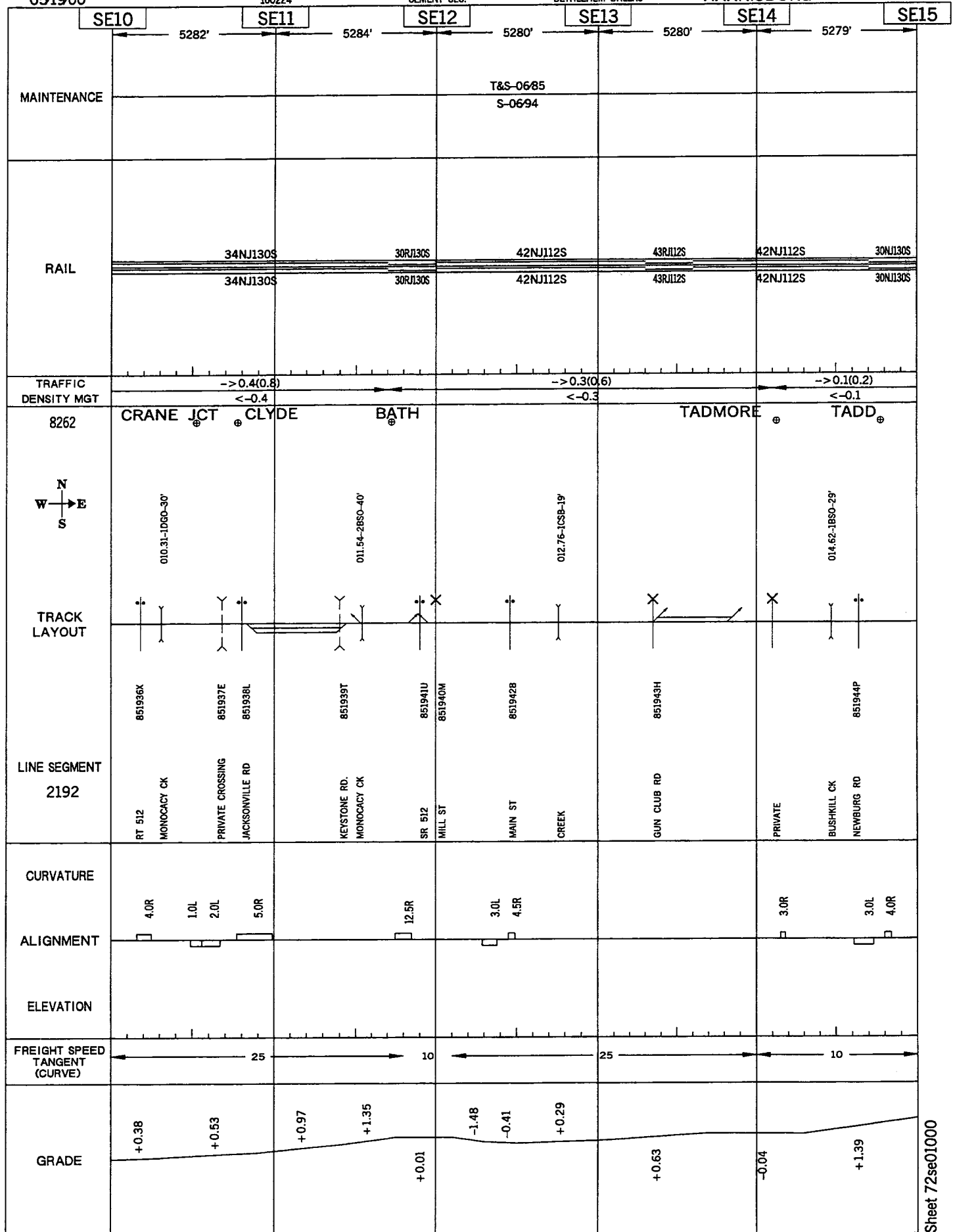
05/19/00

100224

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



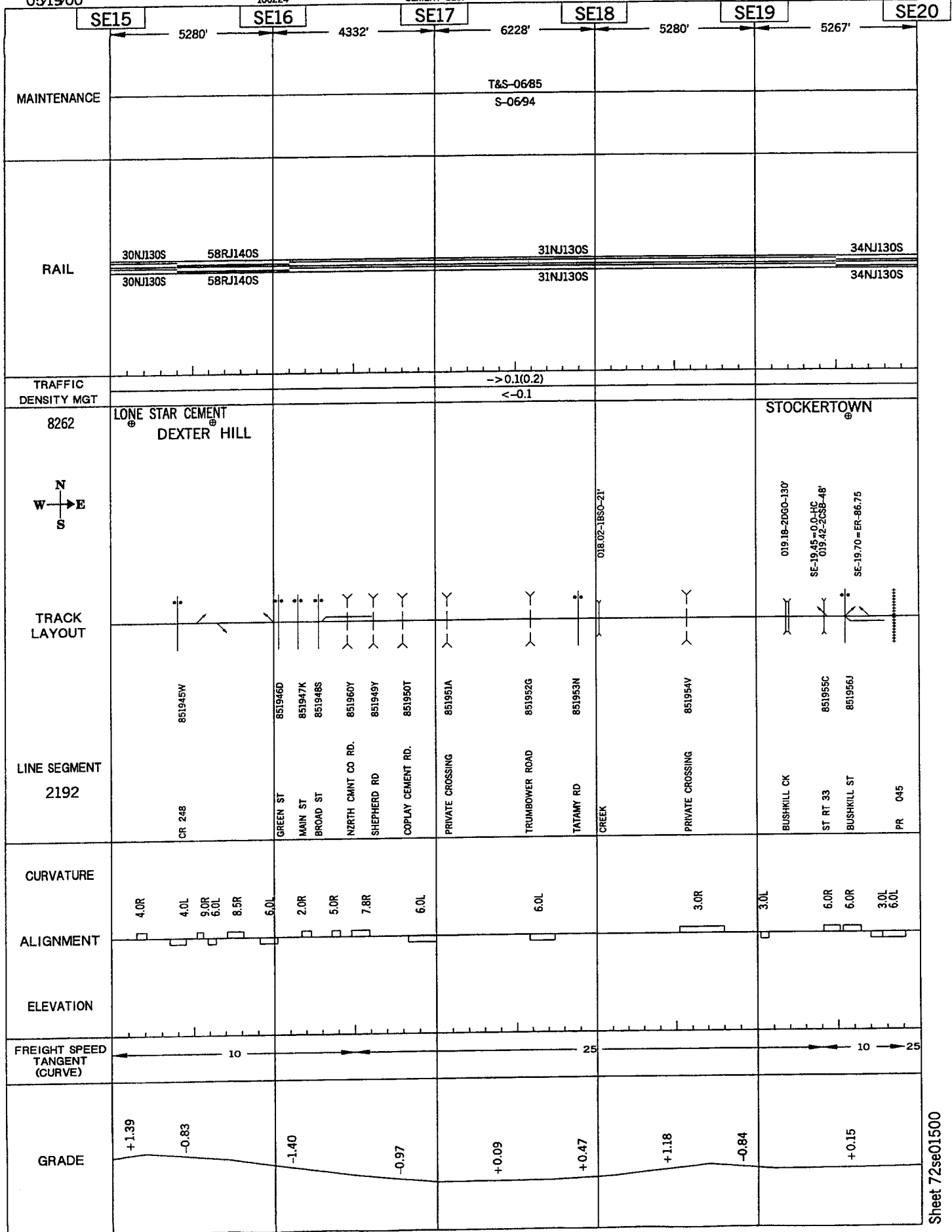
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CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



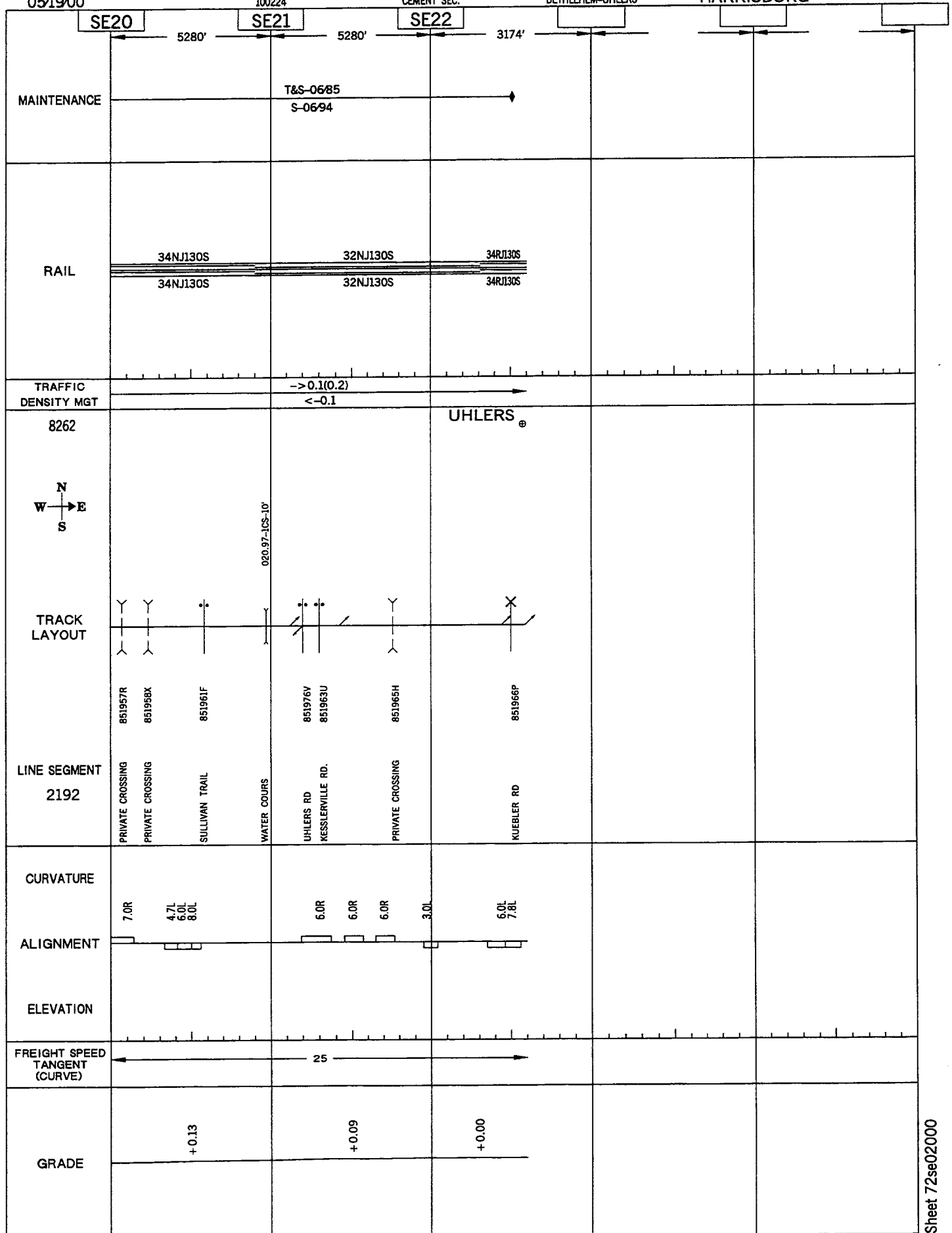
05/19/00

100224

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



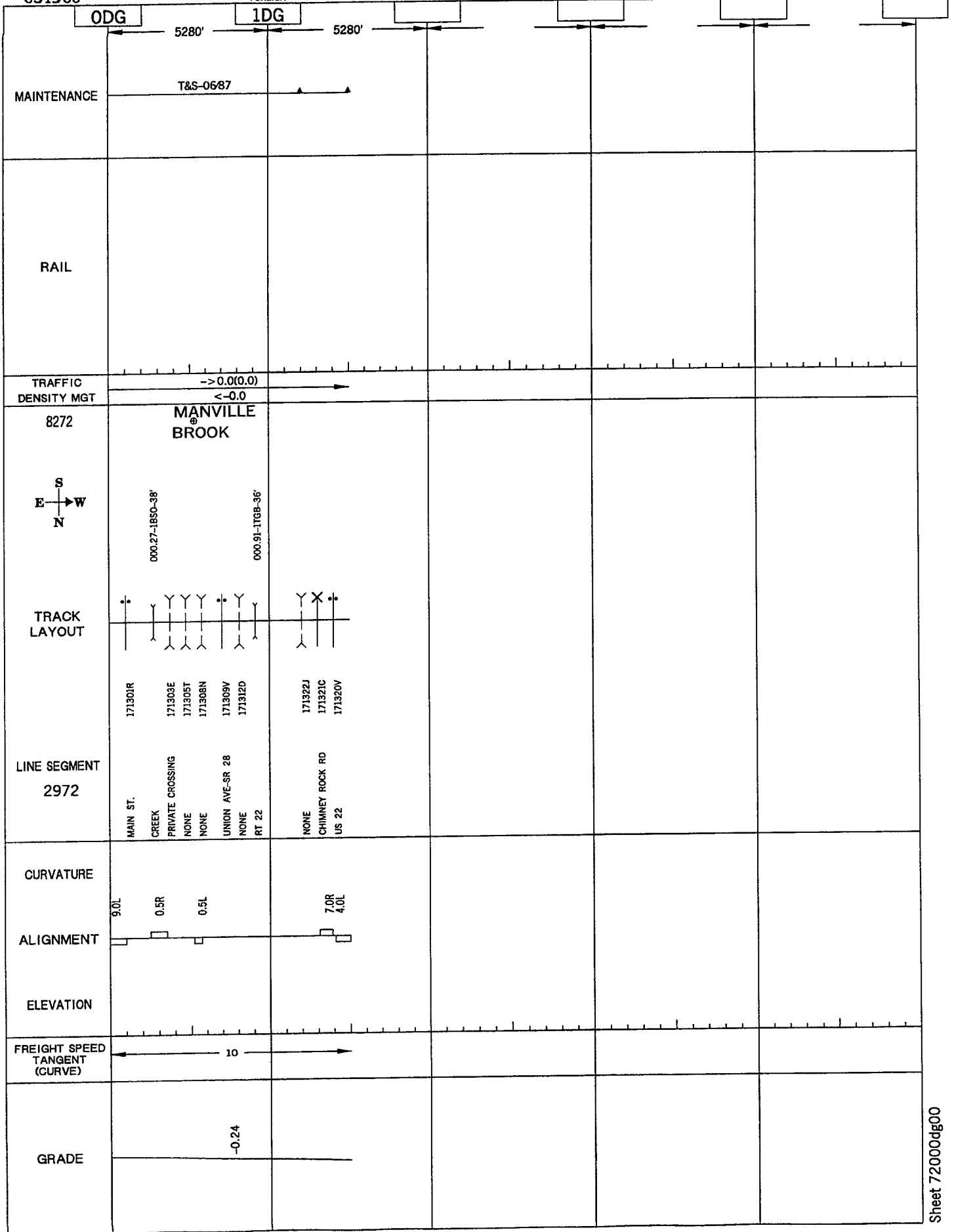
05/19/00

FOREIGN

MIDDLE BROOK I.T.

BROOK-QUARRY

HARRISBURG



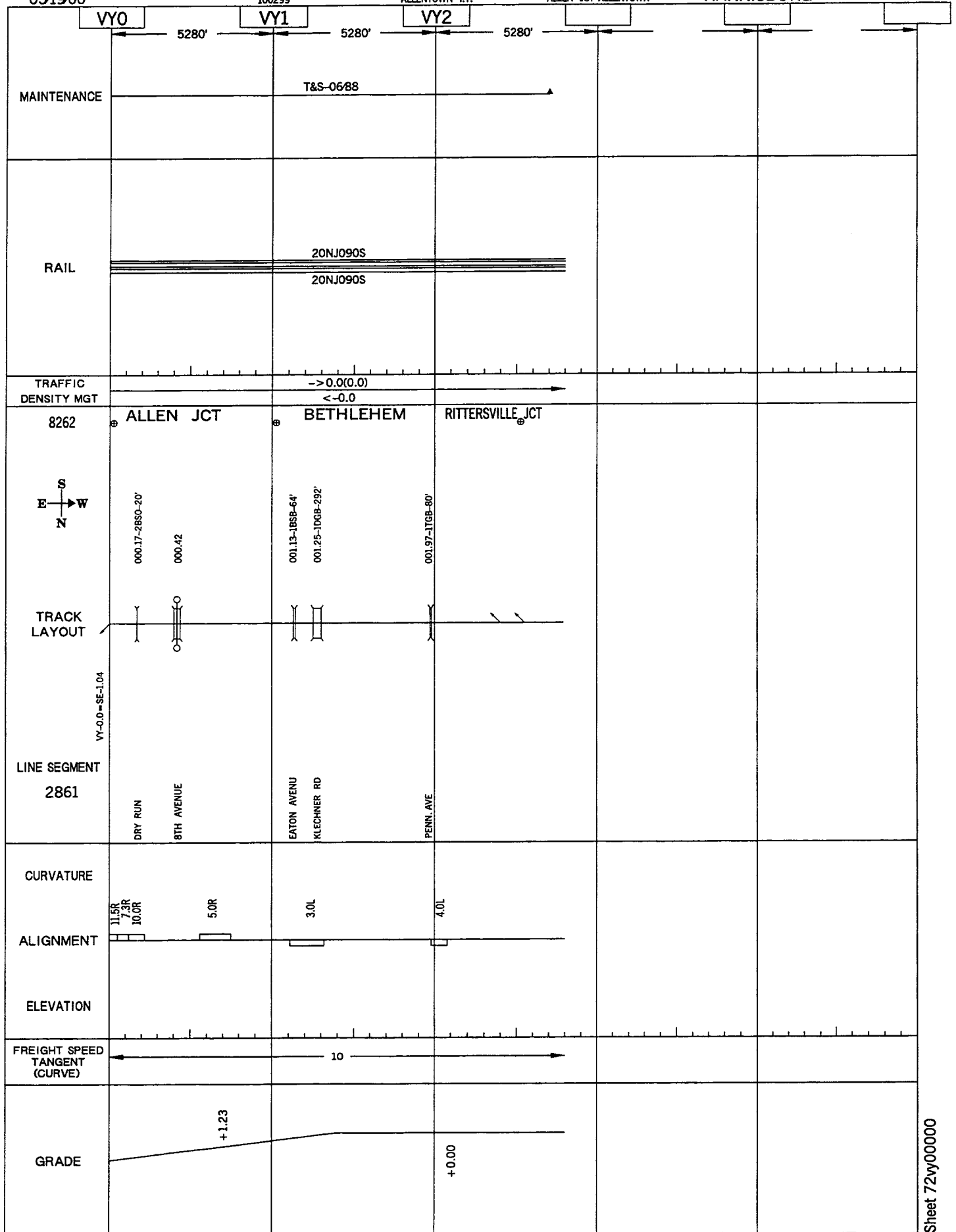
051900

100299

ALLENTOWN I.T.

ALLEN JCT-ALLENTOWN

HARRISBURG



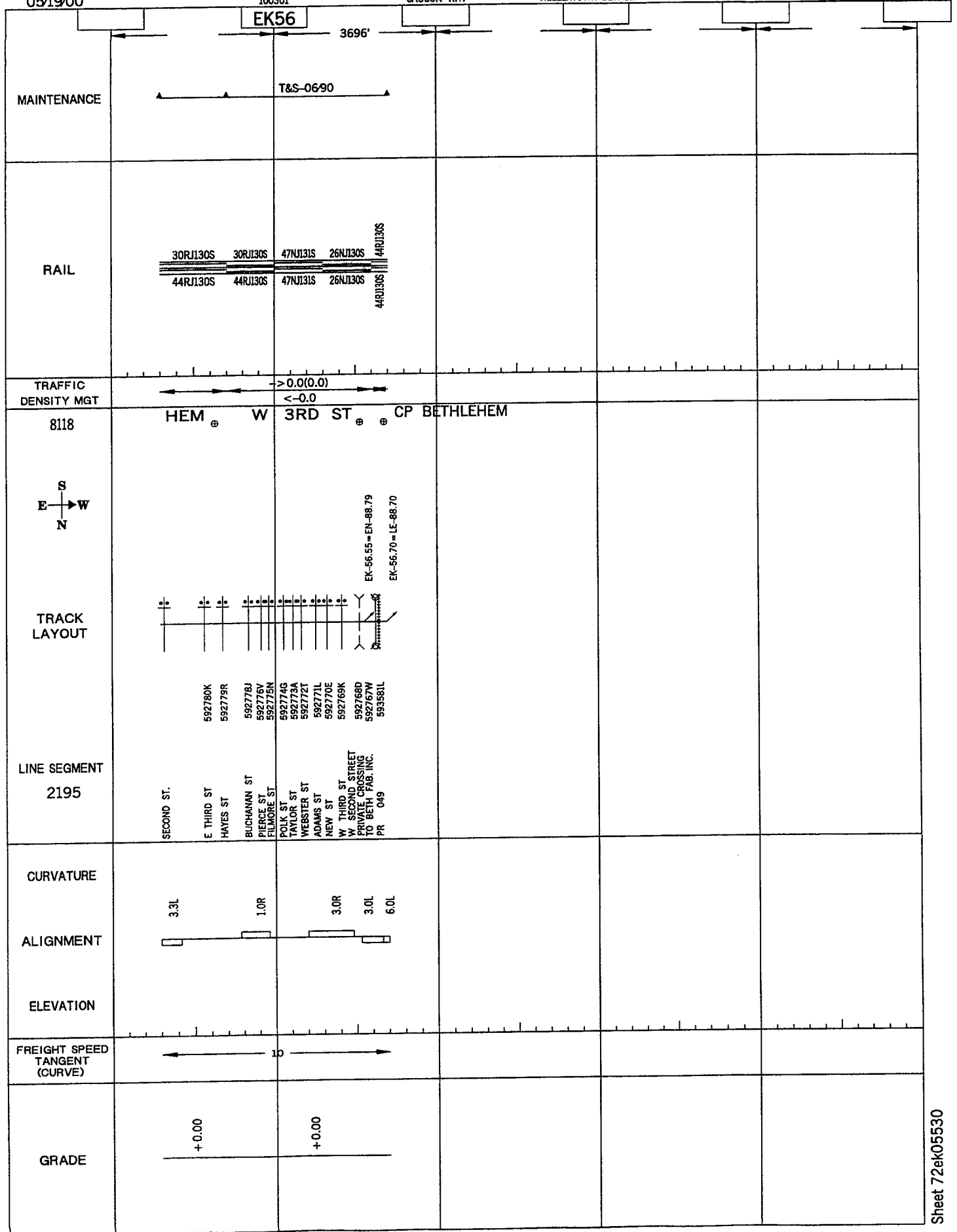
051900

100301

SAUCON R.T.

HELLERTOWN-BETHLEHEM

HARRISBURG



05/19/00

100304

C & F SEC

SEIPLE-ALBURTIS

HARRISBURG

FJ3

FJ4

FJ5

5280'

5280'

5280'

MAINTENANCE

T&S-06/86
S-06/93

RAIL

23NJ100S

27NJ130S

23NJ100S

27NJ130S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)
<- -0.0

8132

⊕ EOTK

⊕ SEIPLE

S
E → W
N

TRACK
LAYOUT

003 91-185B-20'

004.23

LINE SEGMENT
2159

591363X

591364E

591365L

591367A

591369N

MAUCH CHUNK RD.

TROJAN

OLD ROAD

LR 39040

JORDON CR

PRIVATE ROAD

MAIN BOULEVARD

CURVATURE

ALIGNMENT

ELEVATION

3.5R

4.0L

4.0R

2.5R

FREIGHT SPEED
TANGENT
(CURVE)

16

25

GRADE

-0.88

+0.21

+0.11

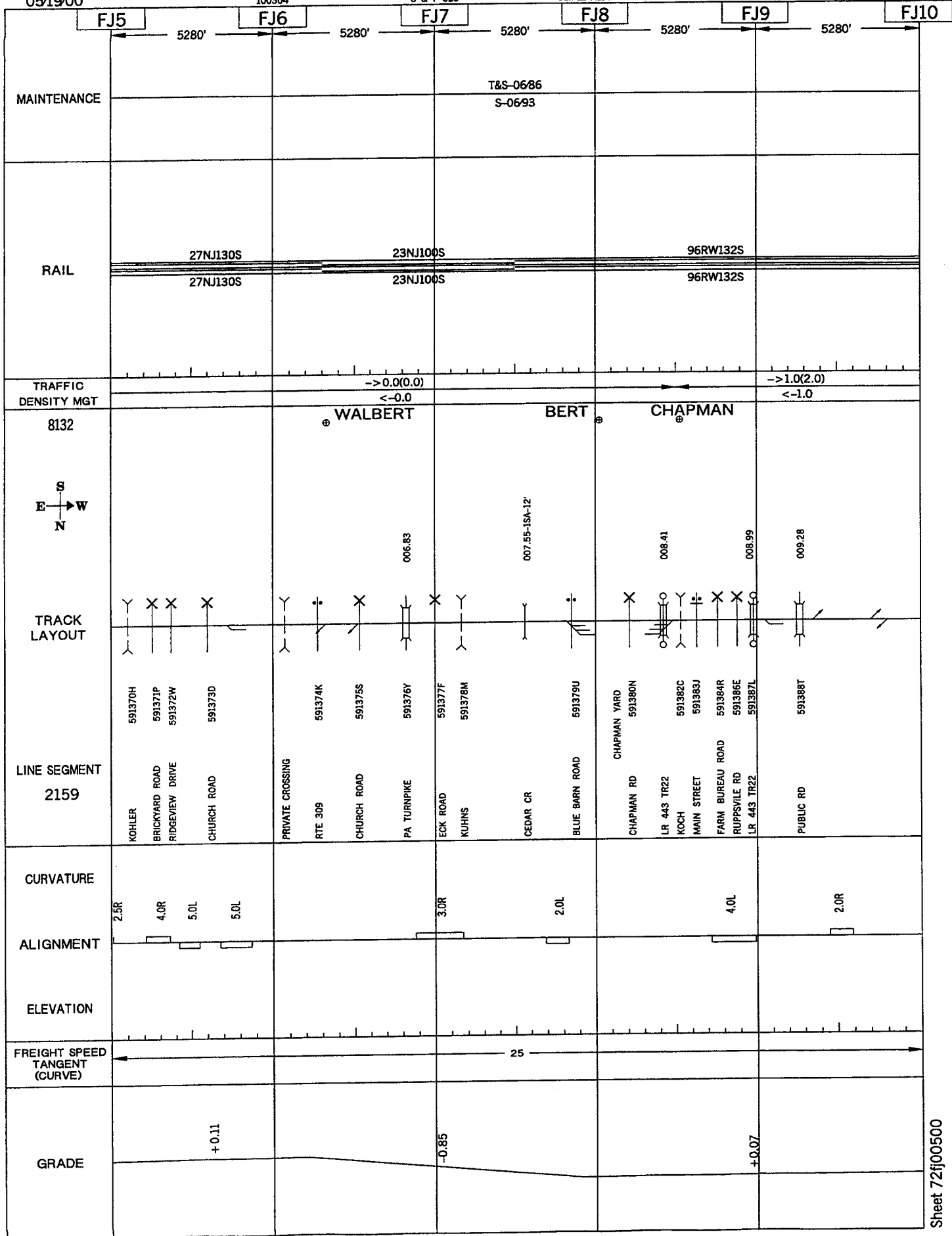
051900

100304

C & F SEC

SEIPLE-ALBURTIS

HARRISBURG



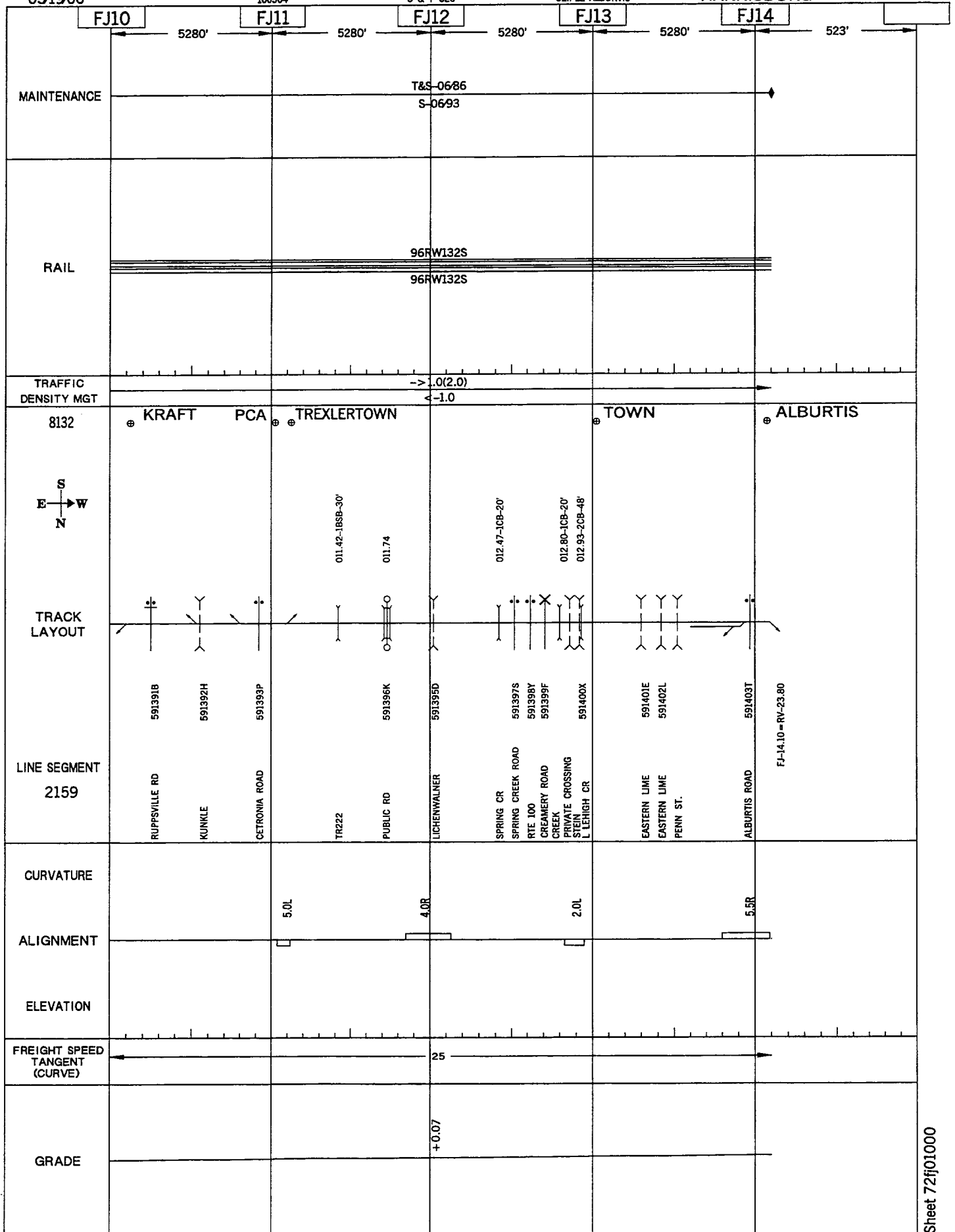
051900

100304

C & F SEC

SEIPLE-ALBURTIS

HARRISBURG



05/19/00

100307

CHESTER VALLEY R.T.

ACKWORTH-DOWNINGTOWN

HARRISBURG

VR20

5280'

T&S-0688

MAINTENANCE

RAIL

64NJ130S
66NJ090S 73NJ130S
66NJ090S 73NJ130S
64NJ130S

TRAFFIC
DENSITY MGT

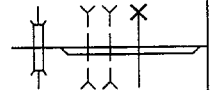
-> 0.1(0.2)
< -0.1

8138

S
E → W
N

TRACK
LAYOUT

019.31



LINE SEGMENT
2339

589876W

589875P

589874H

FARM ROAD
PRIVATE CROSSING
BRADFORD HILLS
ACKWORTH ROAD

CURVATURE

ALIGNMENT

ELEVATION

2.3R

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.00

-0.59

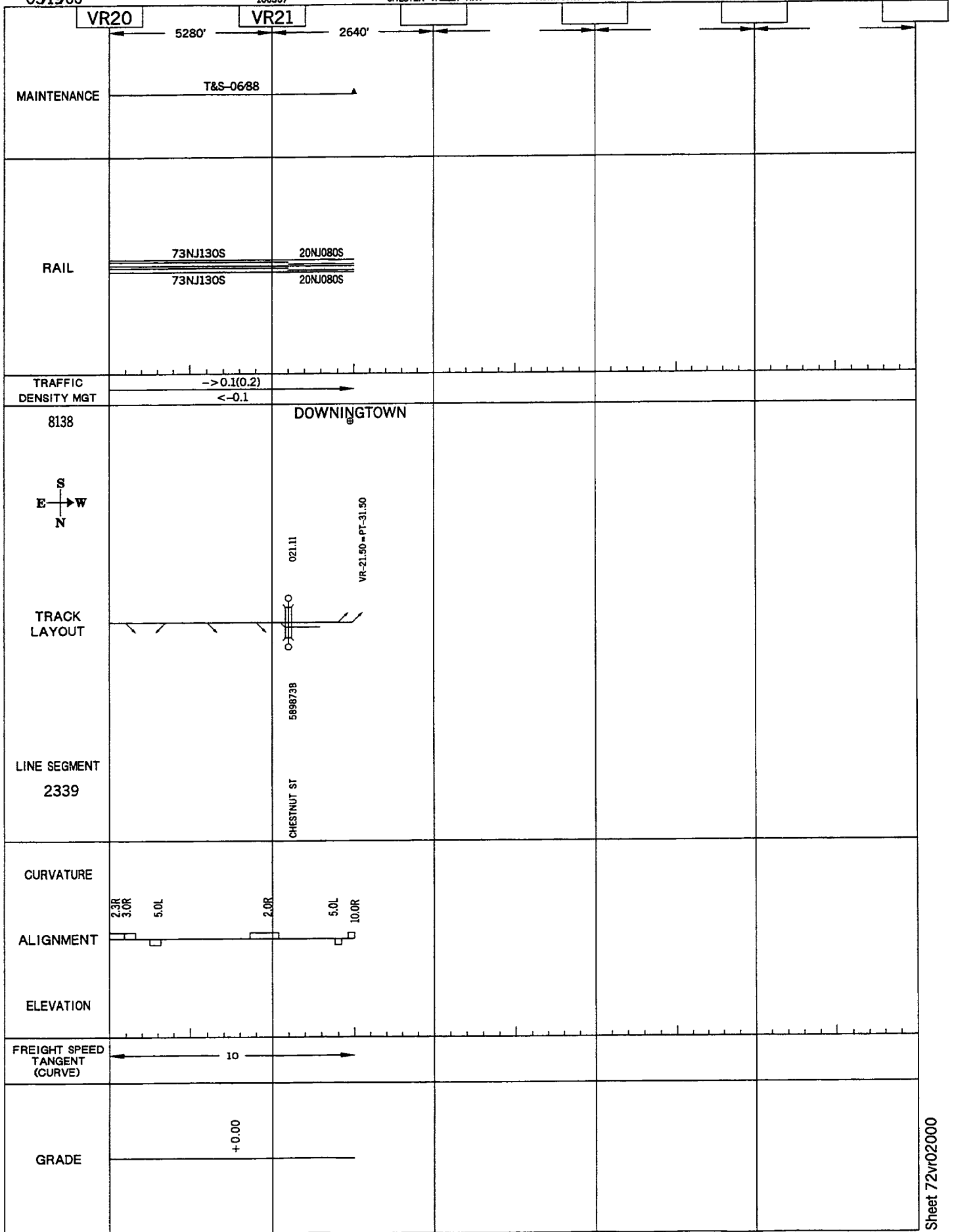
05/19/00

100307

CHESTER VALLEY R.T.

ACKWORTH-DOWNINGTOWN

HARRISBURG



05/19/00

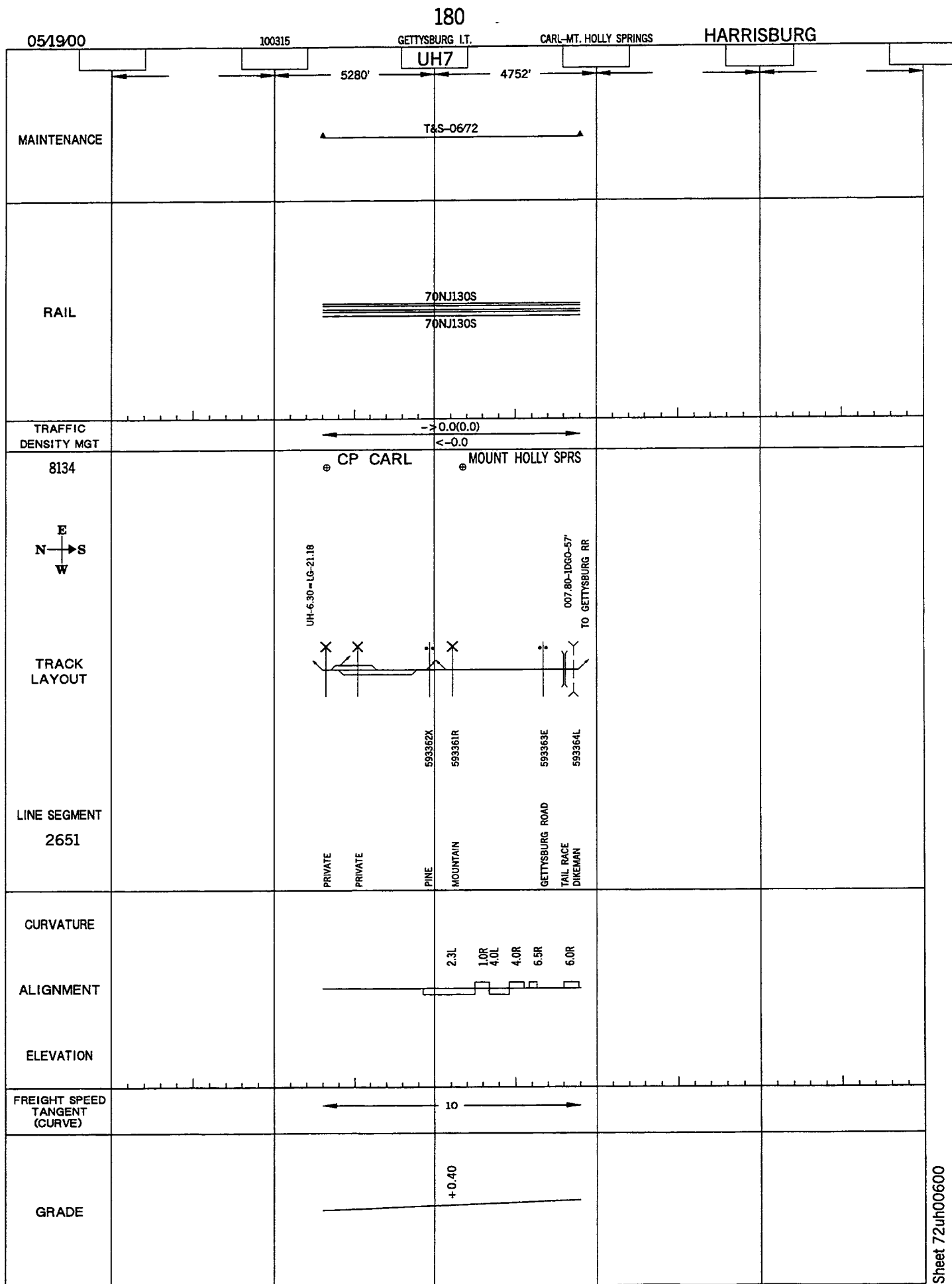
100310

CORNWALL I.T.

WALL-ZINNS MILL

HARRISBURG

	ZW0	ZW1					
MAINTENANCE	2640'						
RAIL							
TRAFFIC DENSITY MGT							
8171	WALL						
TRACK LAYOUT							
LINE SEGMENT 2915	ZW-0.50-HP-87.45 SIXTEENTH STREET WILLOW STREET CUMBERLAND STREET						
CURVATURE							
ALIGNMENT							
ELEVATION							
FREIGHT SPEED TANGENT (CURVE)	10						
GRADE	+0.00						



05/19/00

100322

POTTSVILLE BR.

READING-CP BELT

HARRISBURG

FR59

FR60

5280'

5280'

MAINTENANCE

T&S-0692
S-0697

RAIL

79NW131S
79NW131S

57NW130S
57NW130S

96NW136S

96NW136S

TRAFFIC
DENSITY MGT

->11.7(23.4)
<-11.7

8151

S
E → W
N

READING ⊕ CP ⊕ OLEY PIKE ⊕

TRACK
LAYOUT

058.64-15A-12'

FR-58.85HP-58.95

059.01

TO READING YARD
059.32

LINE SEGMENT
2393

FR-58.60-HP-58.60

592156G

592158V

SEWER

OLEY ST

SPRING ST

11TH ST I.T.

CURVATURE

1.0R

2.5L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

30

GRADE

+0.16

+0.00

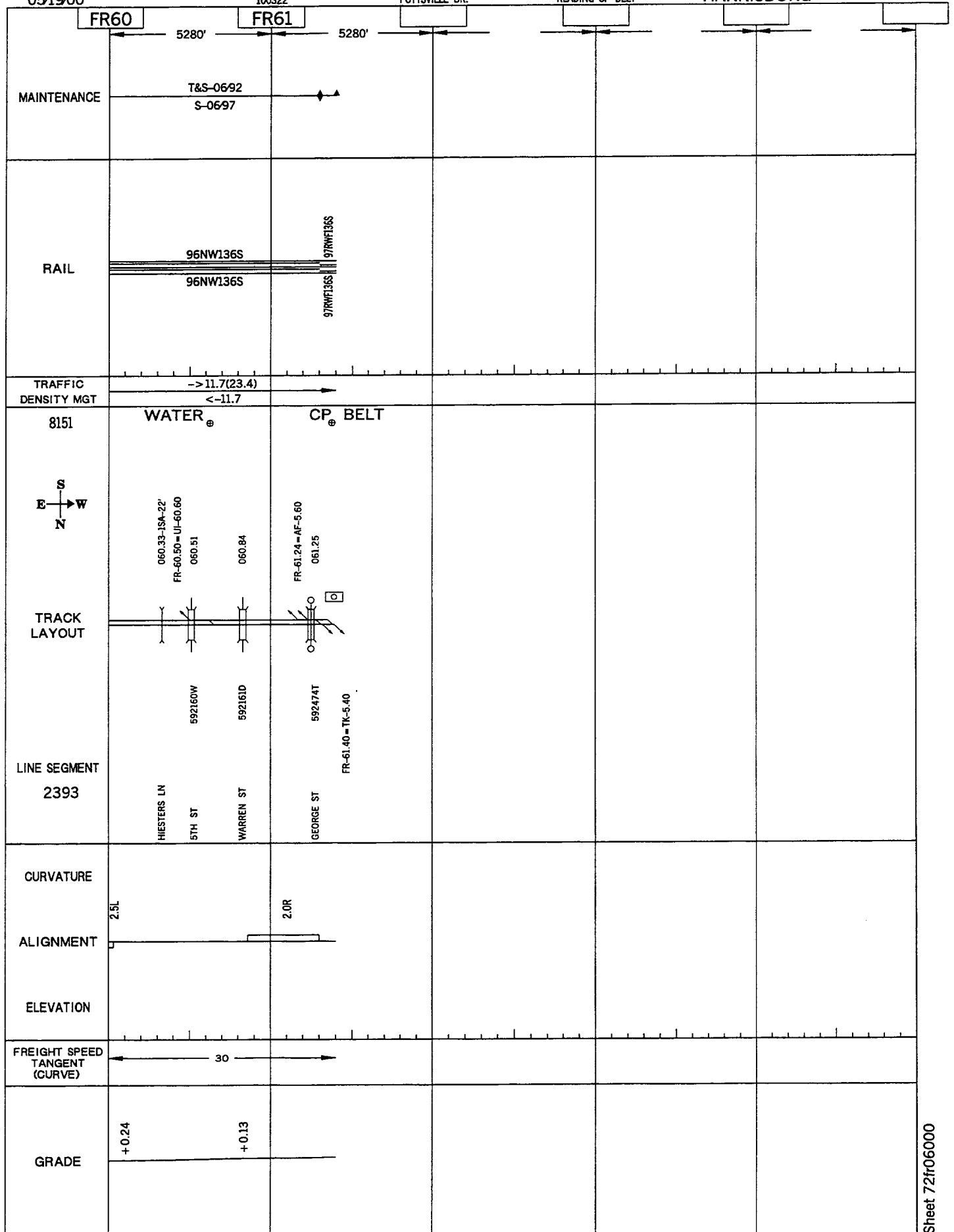
051900

100322

POTTSVILLE BR.

READING-CP BELT

HARRISBURG



051900

100330

NORRISTOWN & M.L. CONN.

SEPT

HARRISBURG

HN17

HN18

4465'

T&S-06/88

MAINTENANCE

RAIL

92RW131S
92RW131S
93RW131S
93RW131S
92RW131S
92RW131S

TRAFFIC
DENSITY MGT

-> 10.6(21.2)

<-10.6

8120

S
E → W
N

KALB CP ISLAND

TRACK
LAYOUT

000.29
000.50-100GO-730'
000.55
000.86-90GO-657'

LINE SEGMENT
2495

PHILAWSTN RR
SCHYKL RIV
TR 202
SCHYKL RIV

CURVATURE

ALIGNMENT

ELEVATION

5.3L
5.3L
5.0R

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.09
+0.00

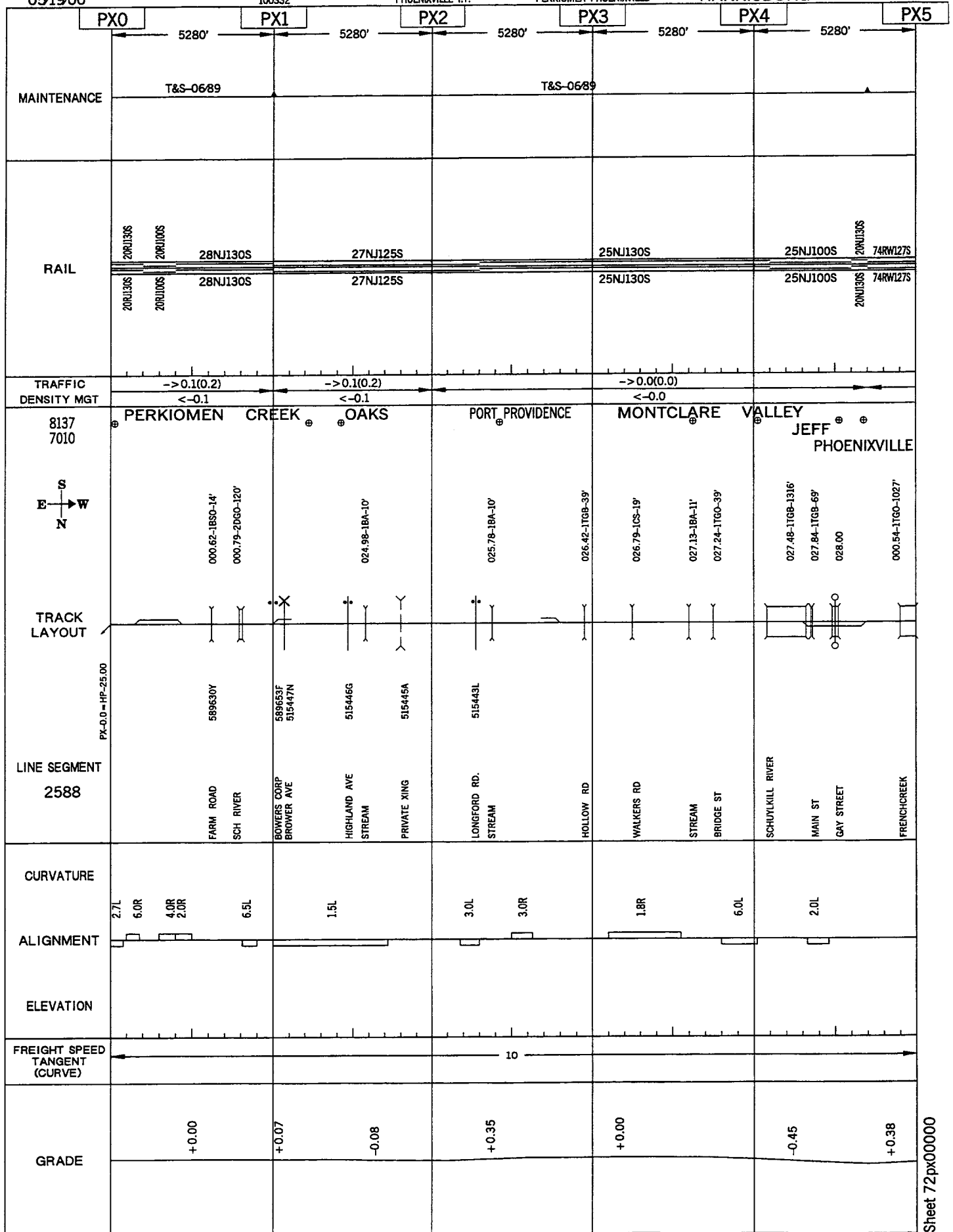
051900

100332

PHOENIXVILLE I.T.

PERKIOMEN-PHOENIXVILLE

HARRISBURG



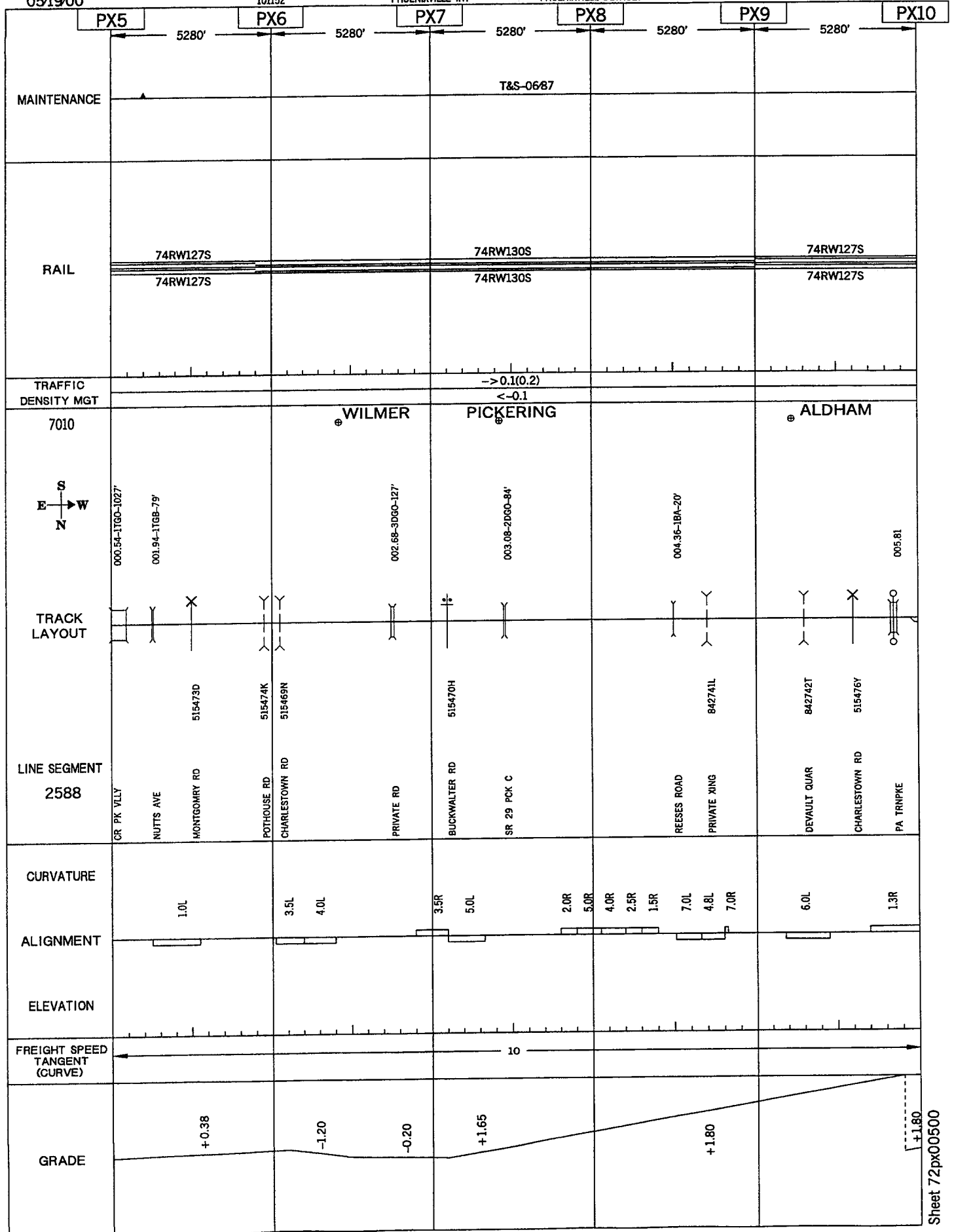
05/19/00

101152

PHOENIXVILLE I.T.

PHOENIXVILLE-DEVAULT

HARRISBURG



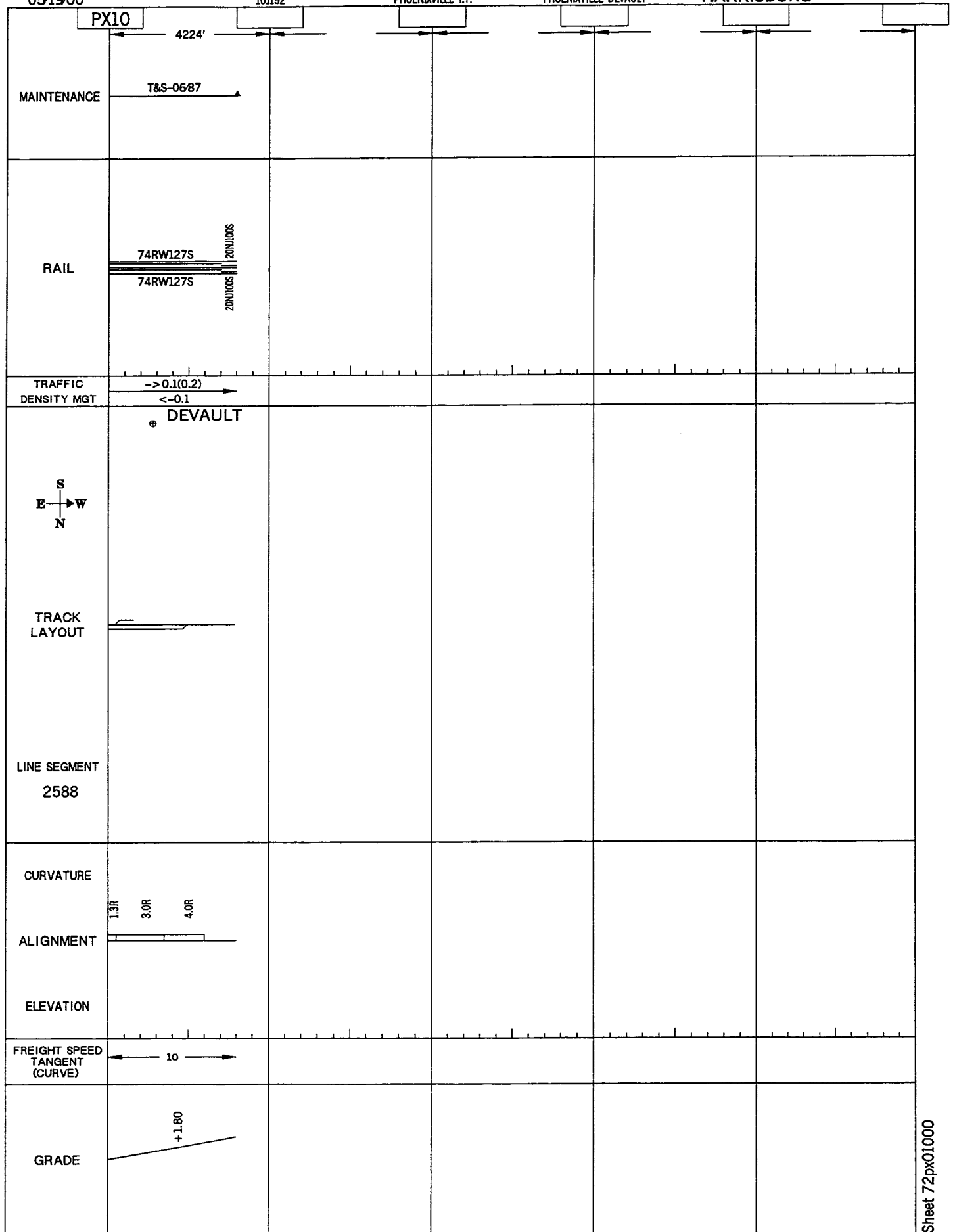
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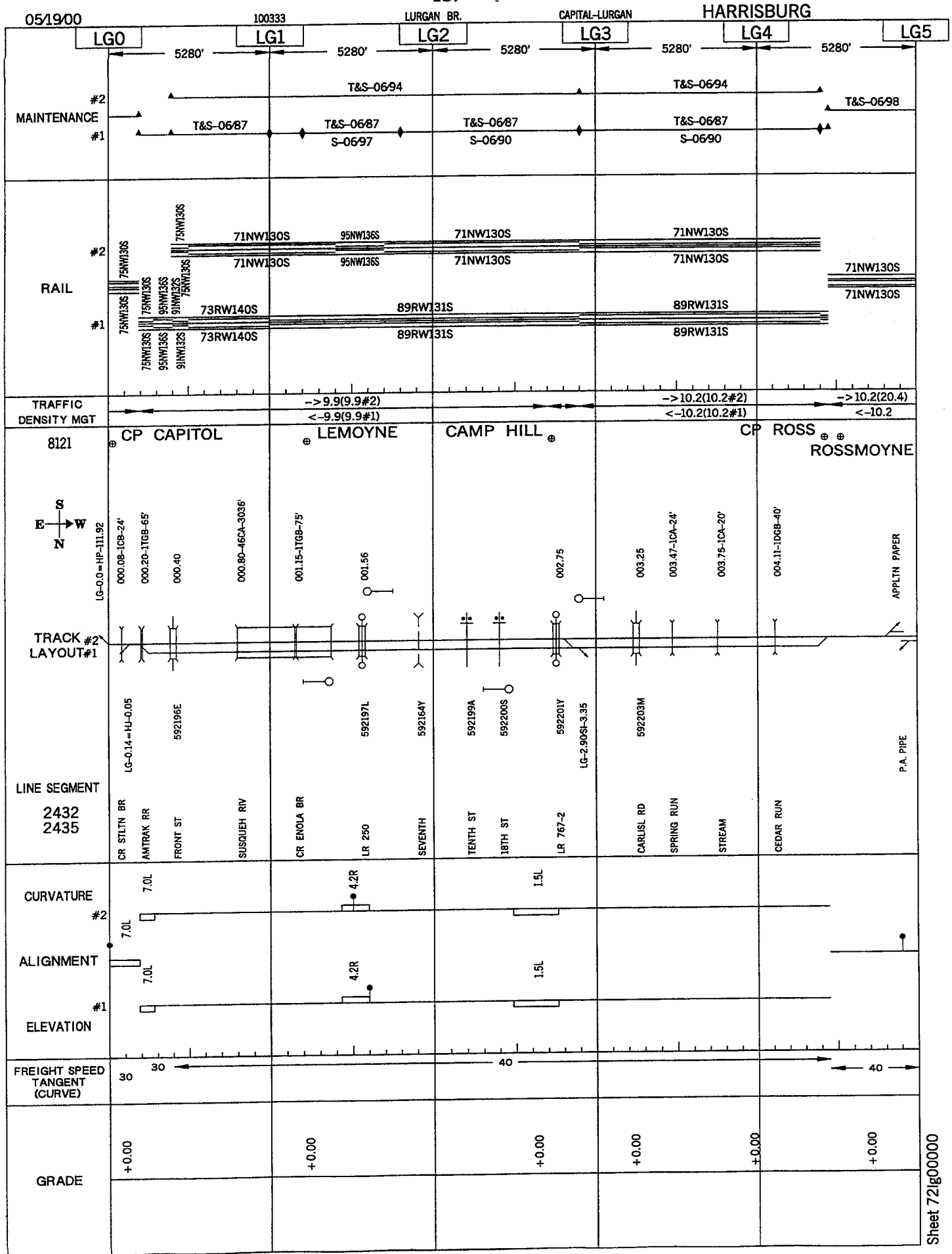
101152

PHOENIXVILLE I.T.

PHOENIXVILLE-DEVAULT

HARRISBURG





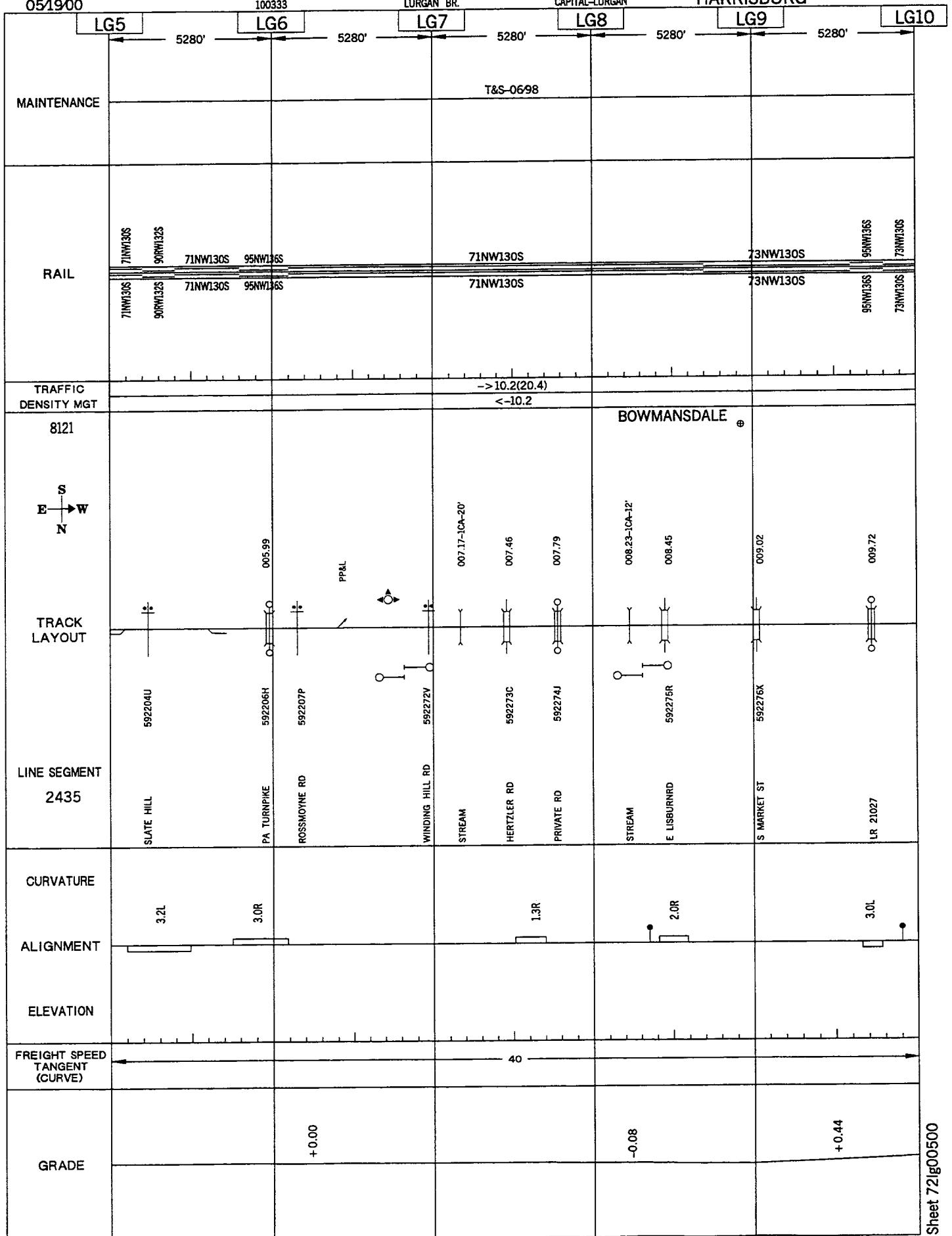
05/1900

100333

LURGAN BR.

CAPITAL-LURGAN

HARRISBURG



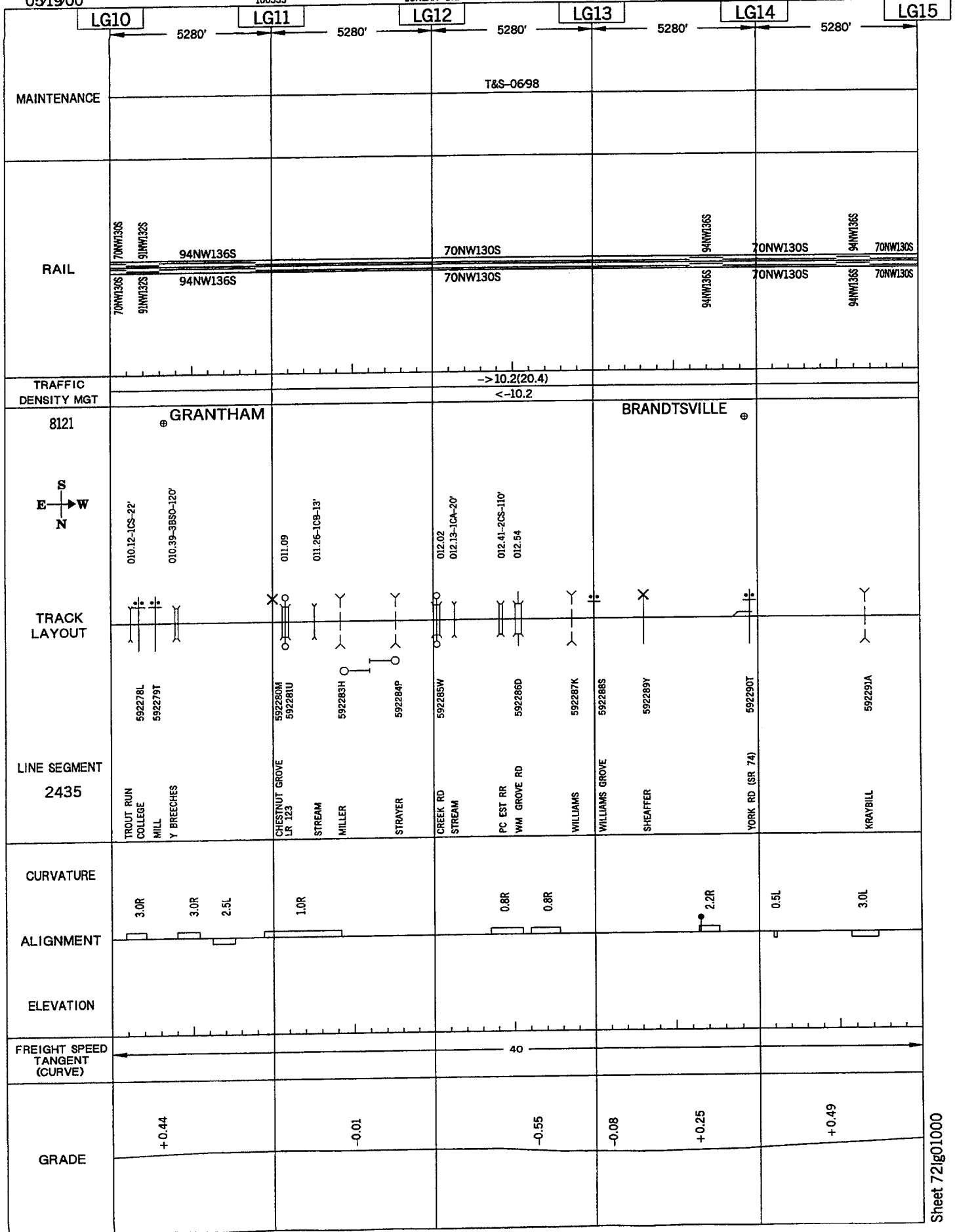
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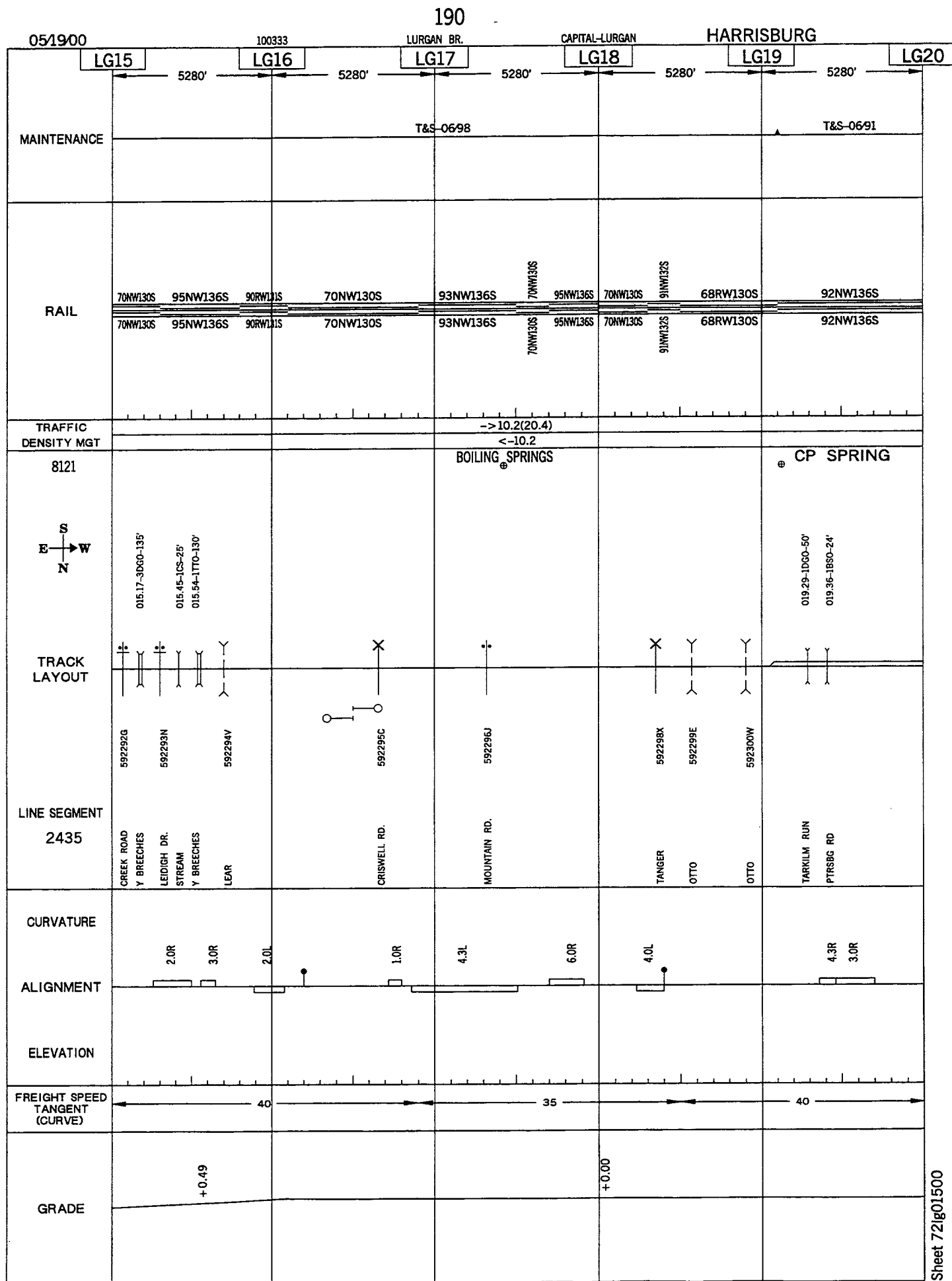
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LURGAN BR.

CAPITAL-LURGAN

HARRISBURG





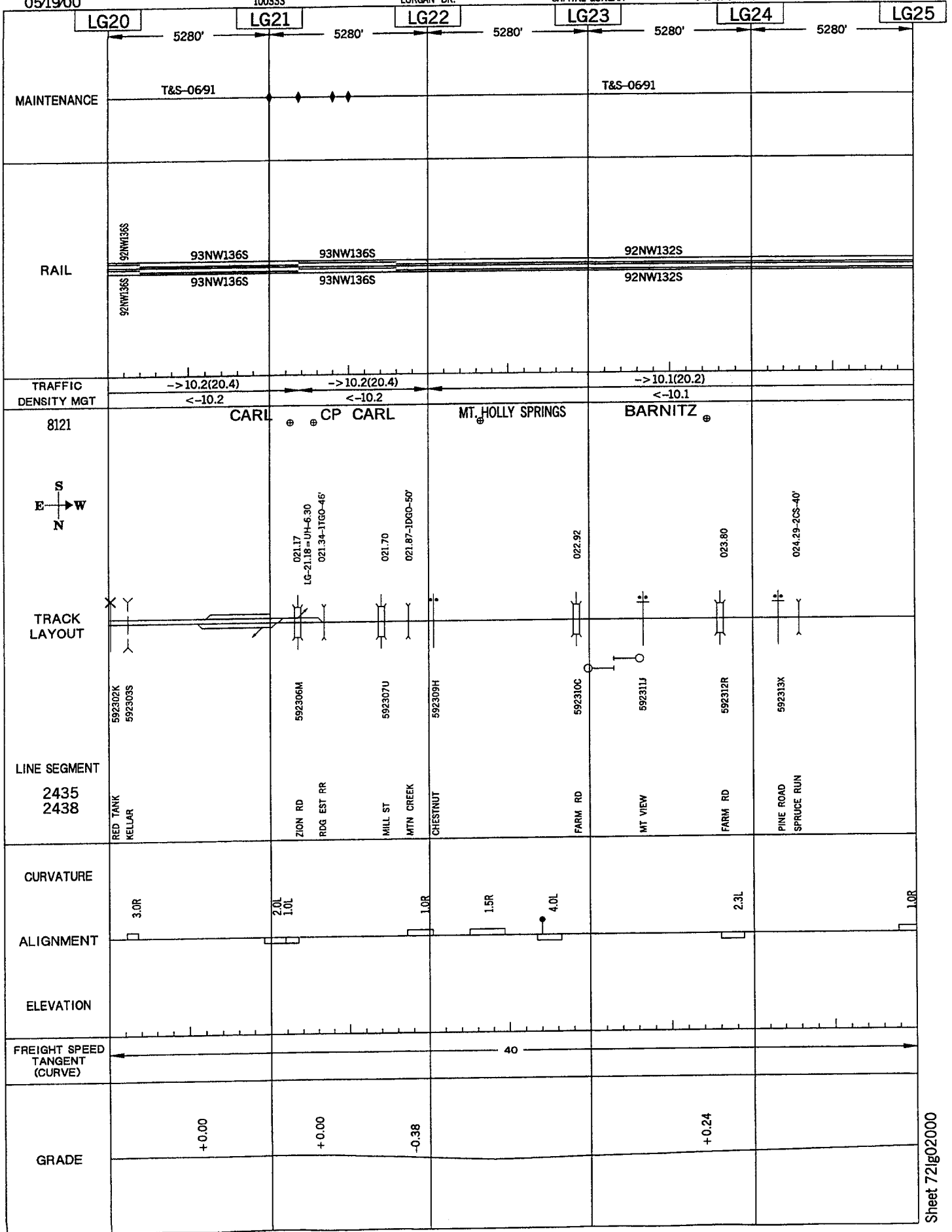
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100333

LURGAN BR.

CAPITAL-LURGAN

HARRISBURG



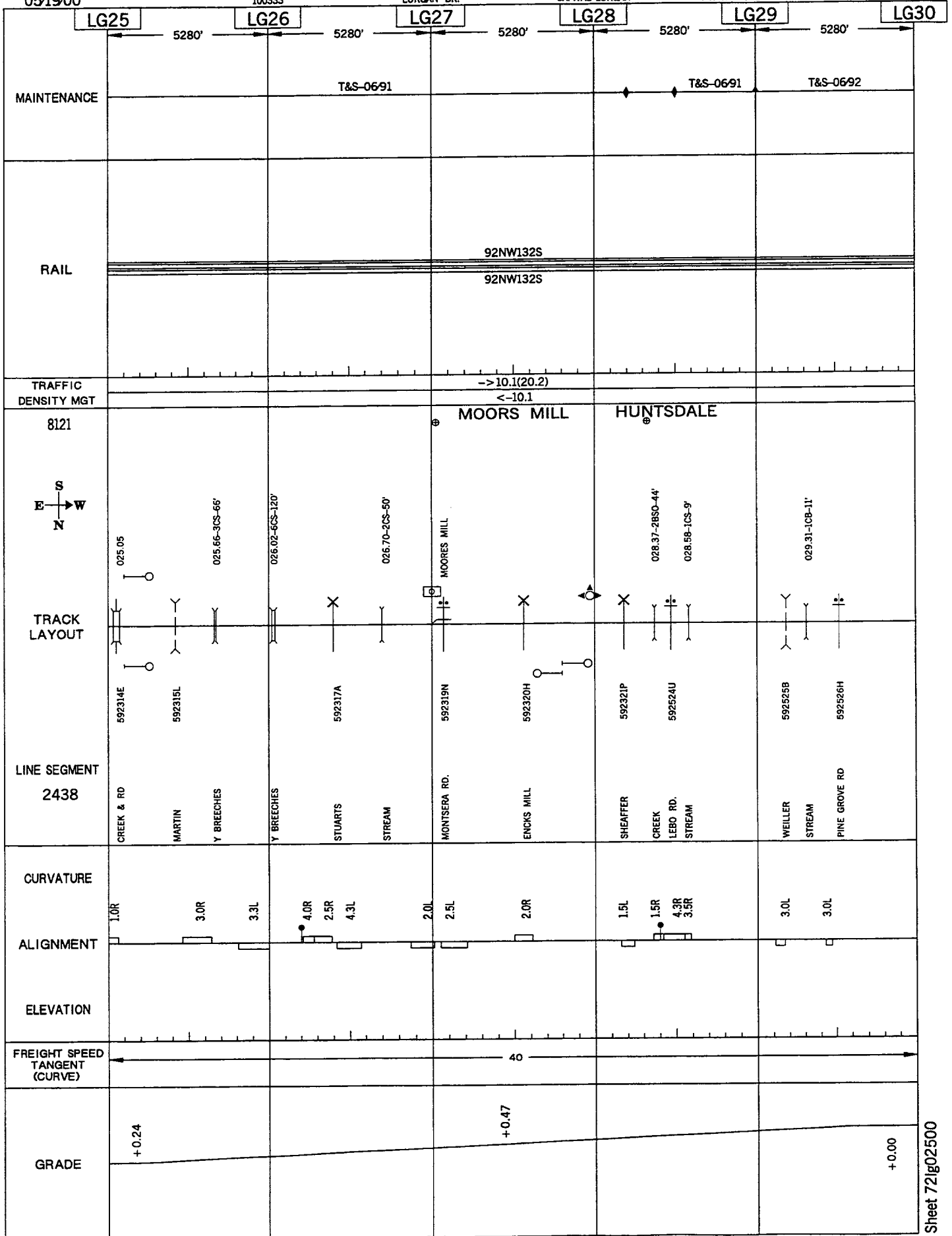
05/19/00

100333

LURGAN BR.

CAPITAL-LURGAN

HARRISBURG



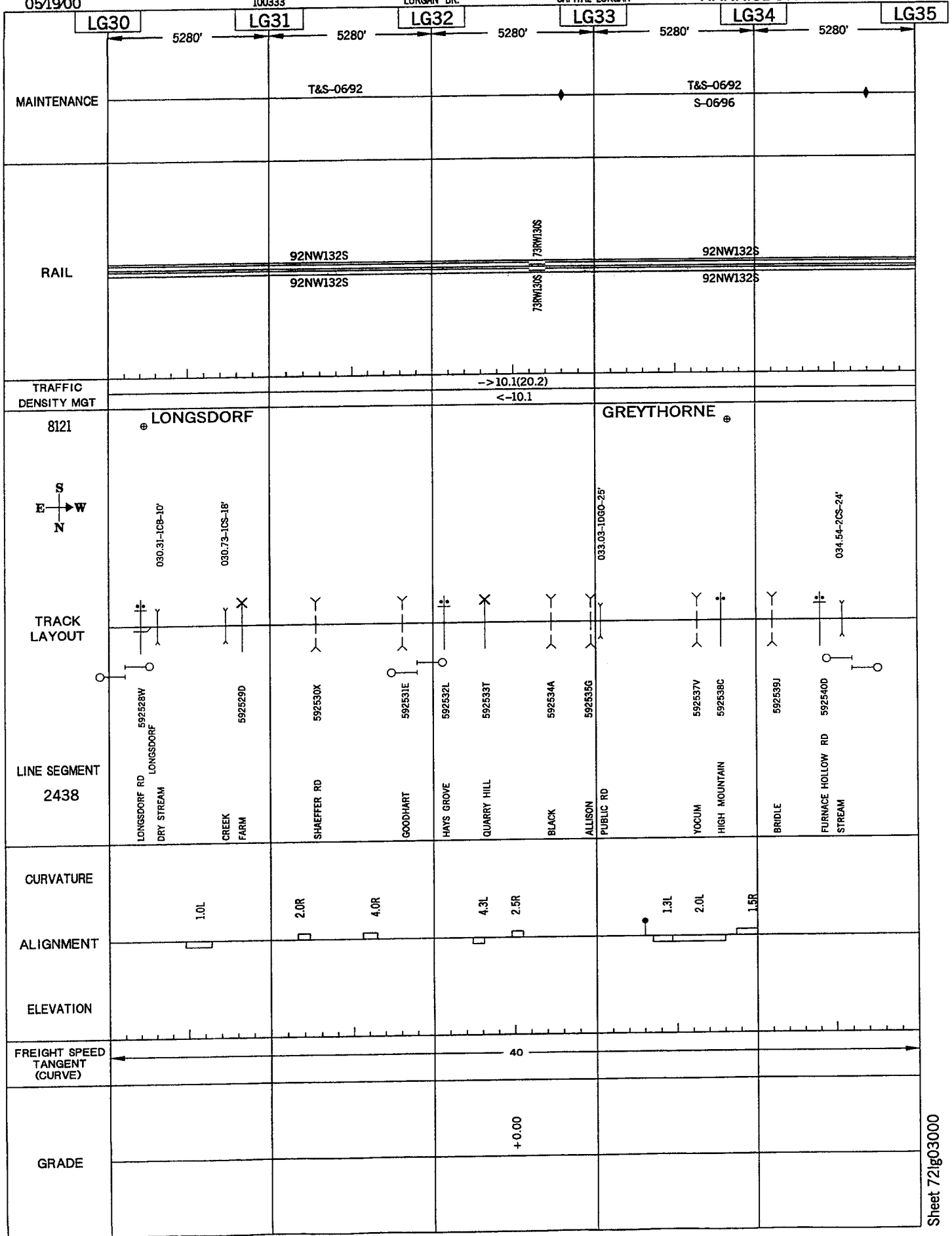
05/19/00

100333

LURGAN BR.

CAPITAL-LURGAN

HARRISBURG



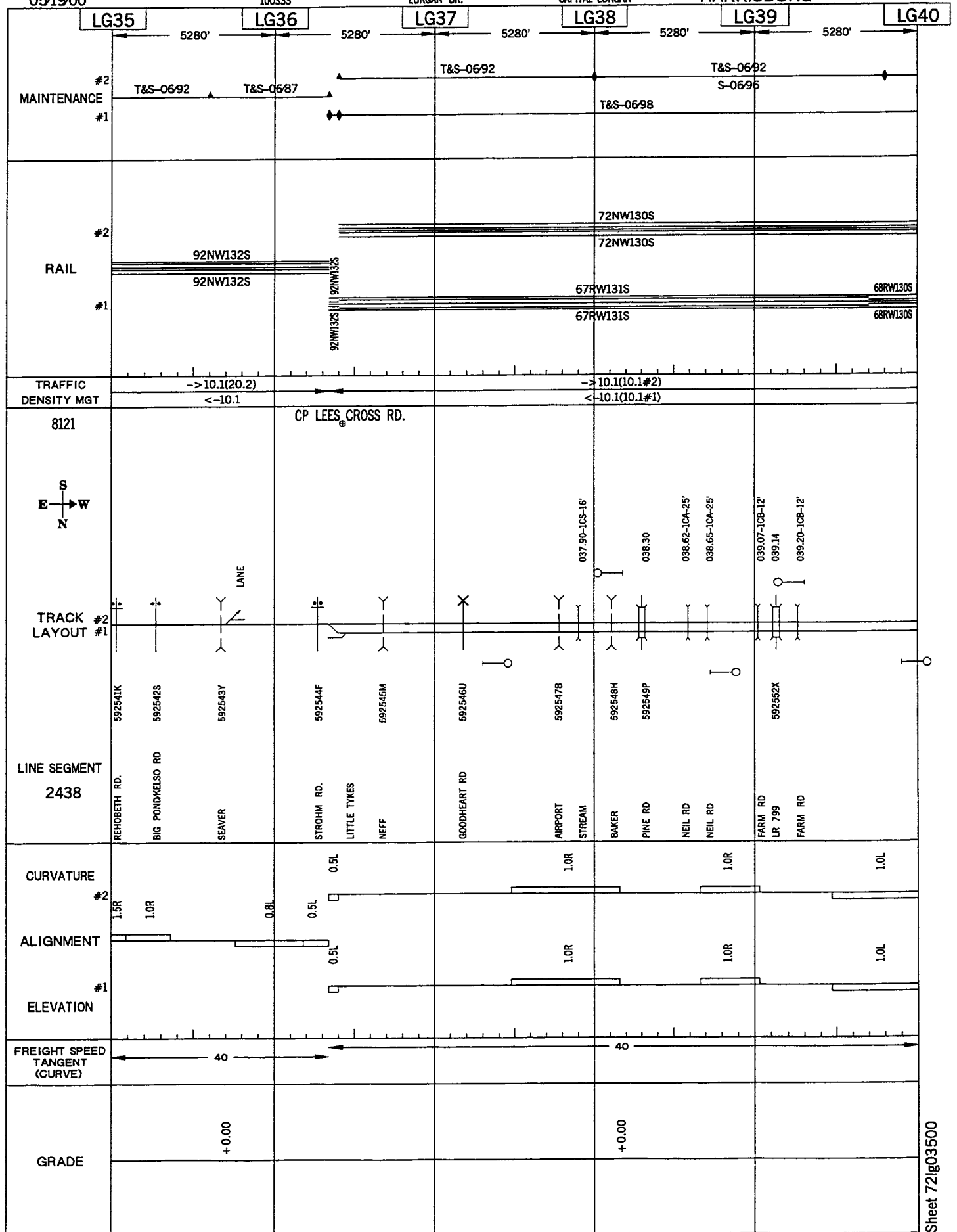
05/1900

100333

LURGAN BR.

CAPITAL-LURGAN

HARRISBURG



05/1900

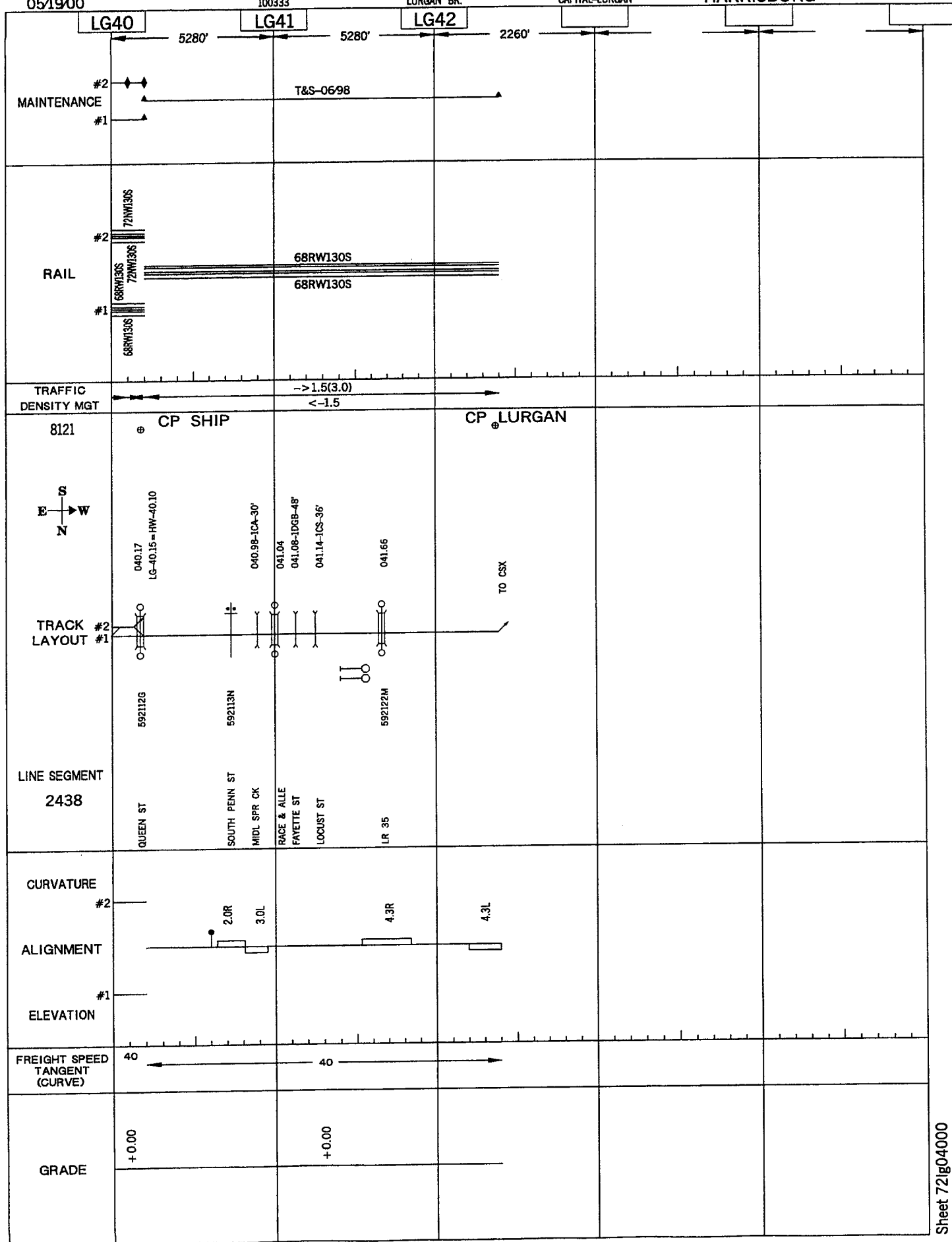
195

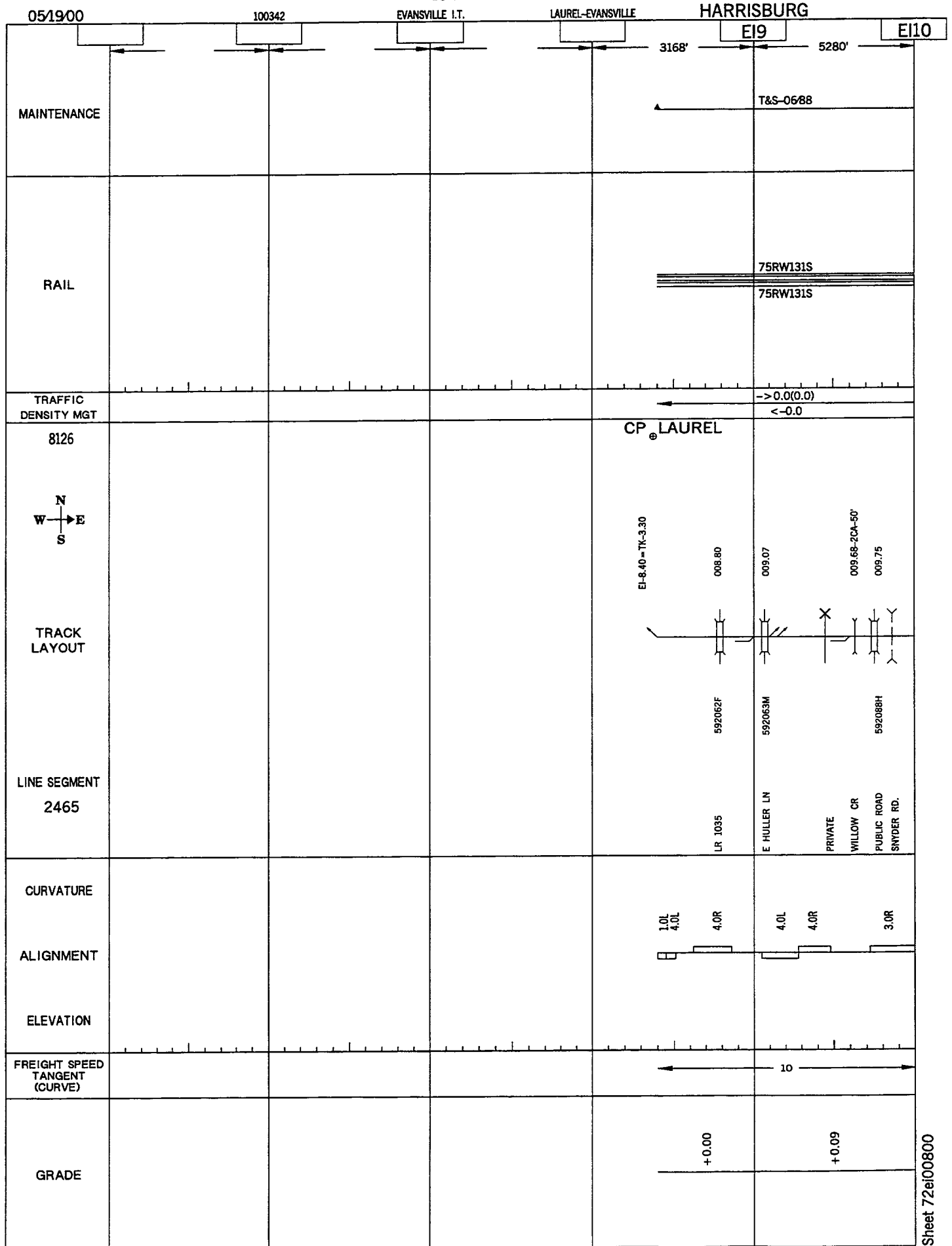
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LURGAN BR.

CAPITAL-LURGAN

HARRISBURG





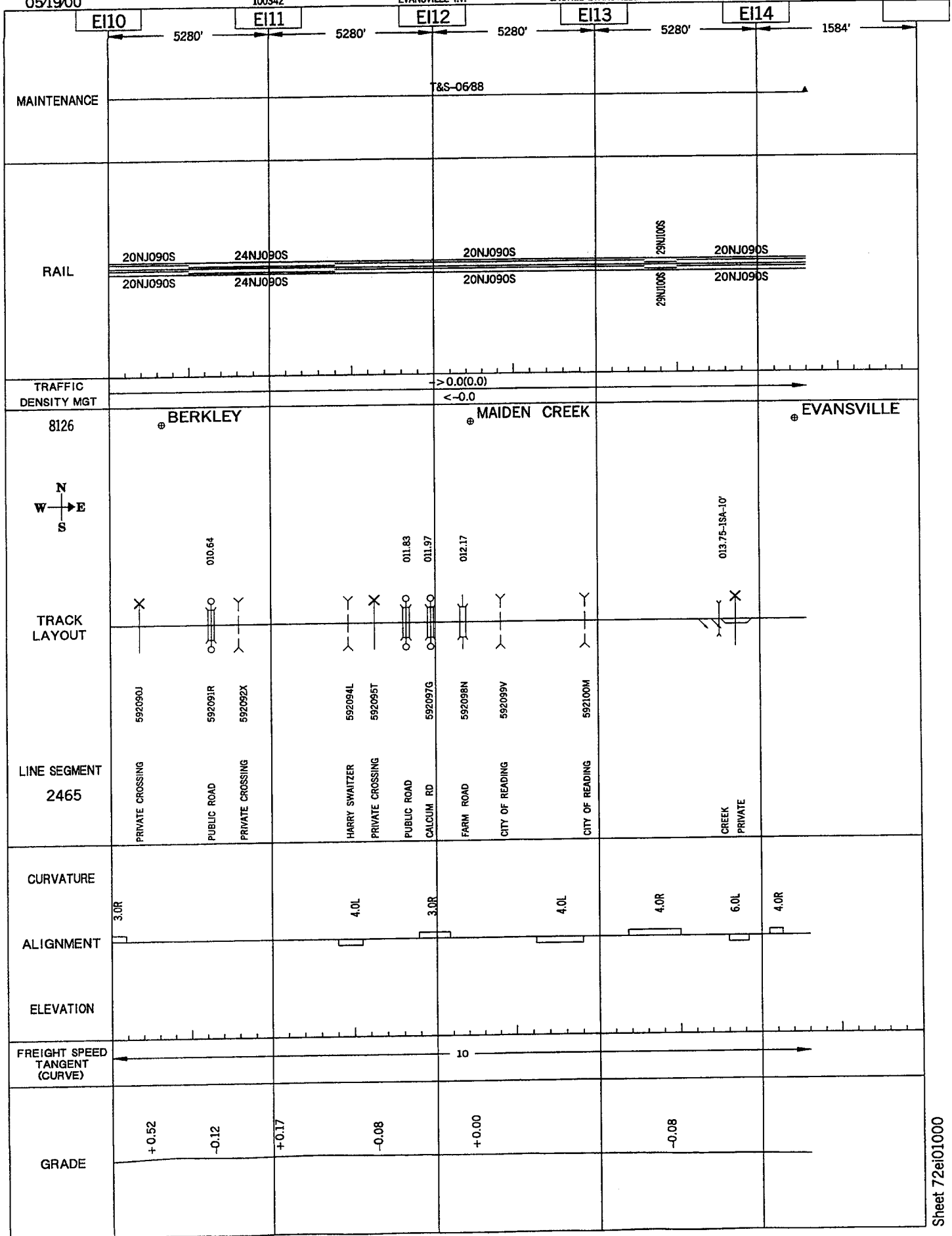
051900

100342

EVANSVILLE I.T.

LAUREL-EVANSVILLE

HARRISBURG



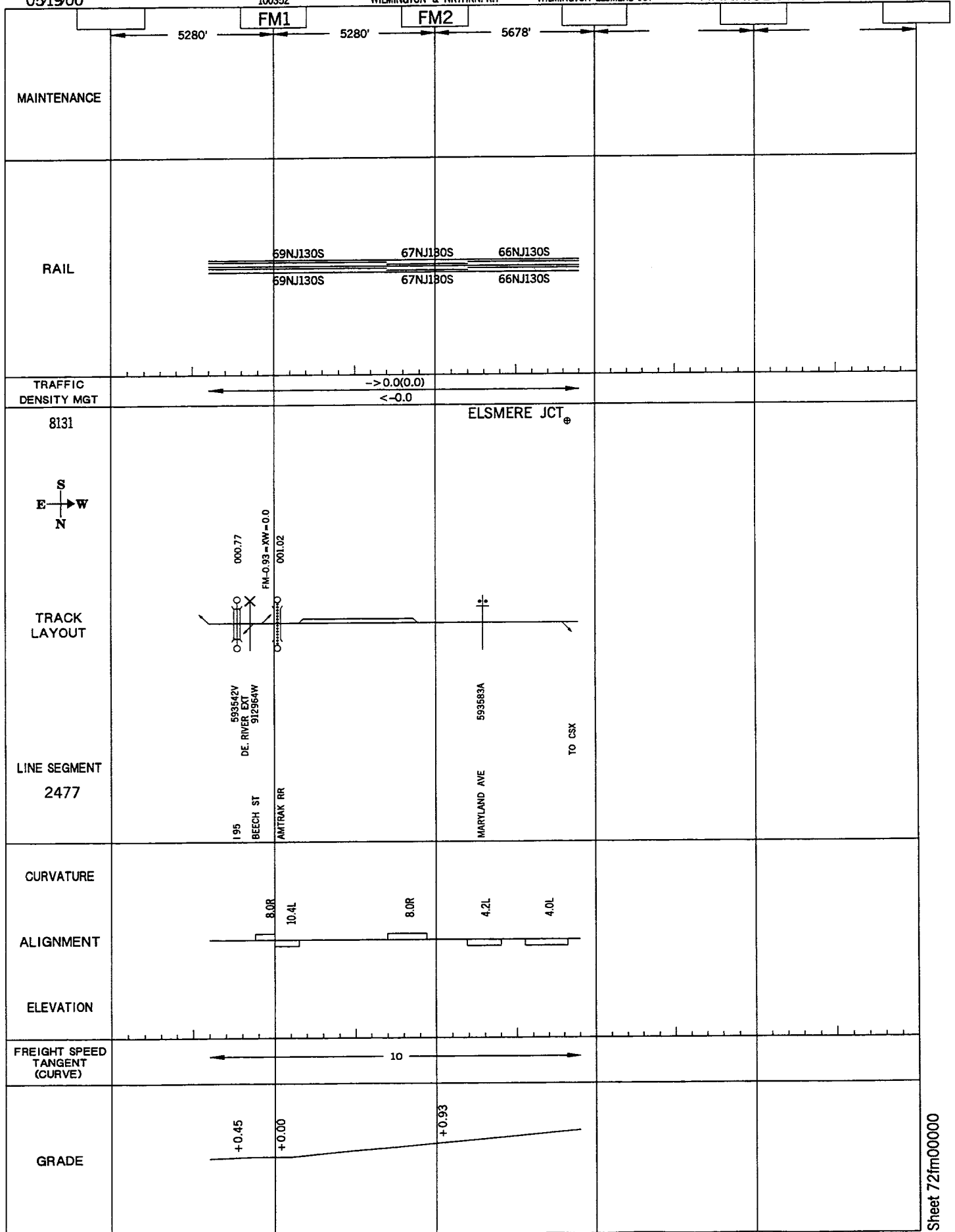
051900

100352

WILMINGTON & NRTHRN. R.T

WILMINGTON-ELSMERE JCT

HARRISBURG



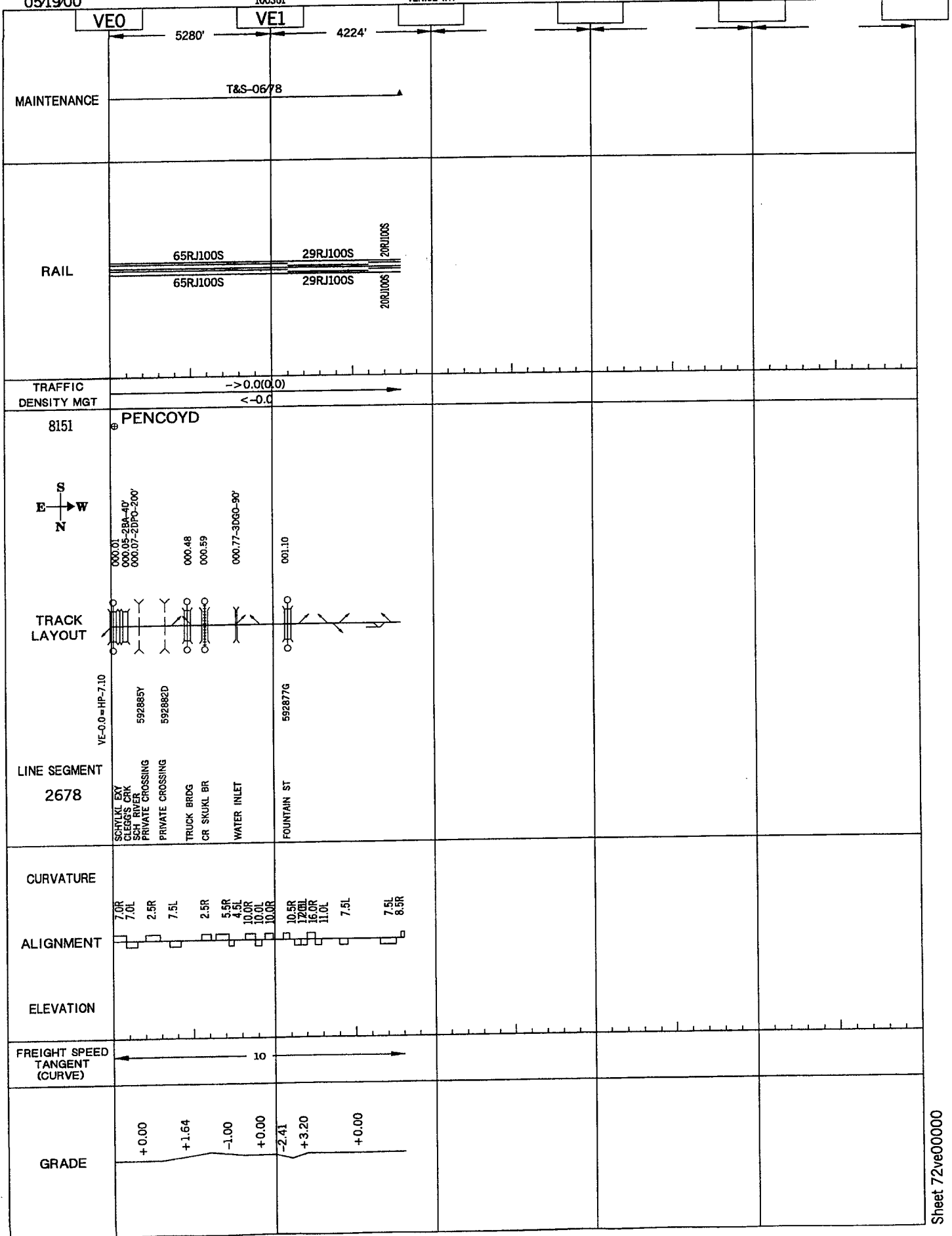
051900

100361

VENICE I.T.

PENCOYD-CONTAINER CORP.

HARRISBURG



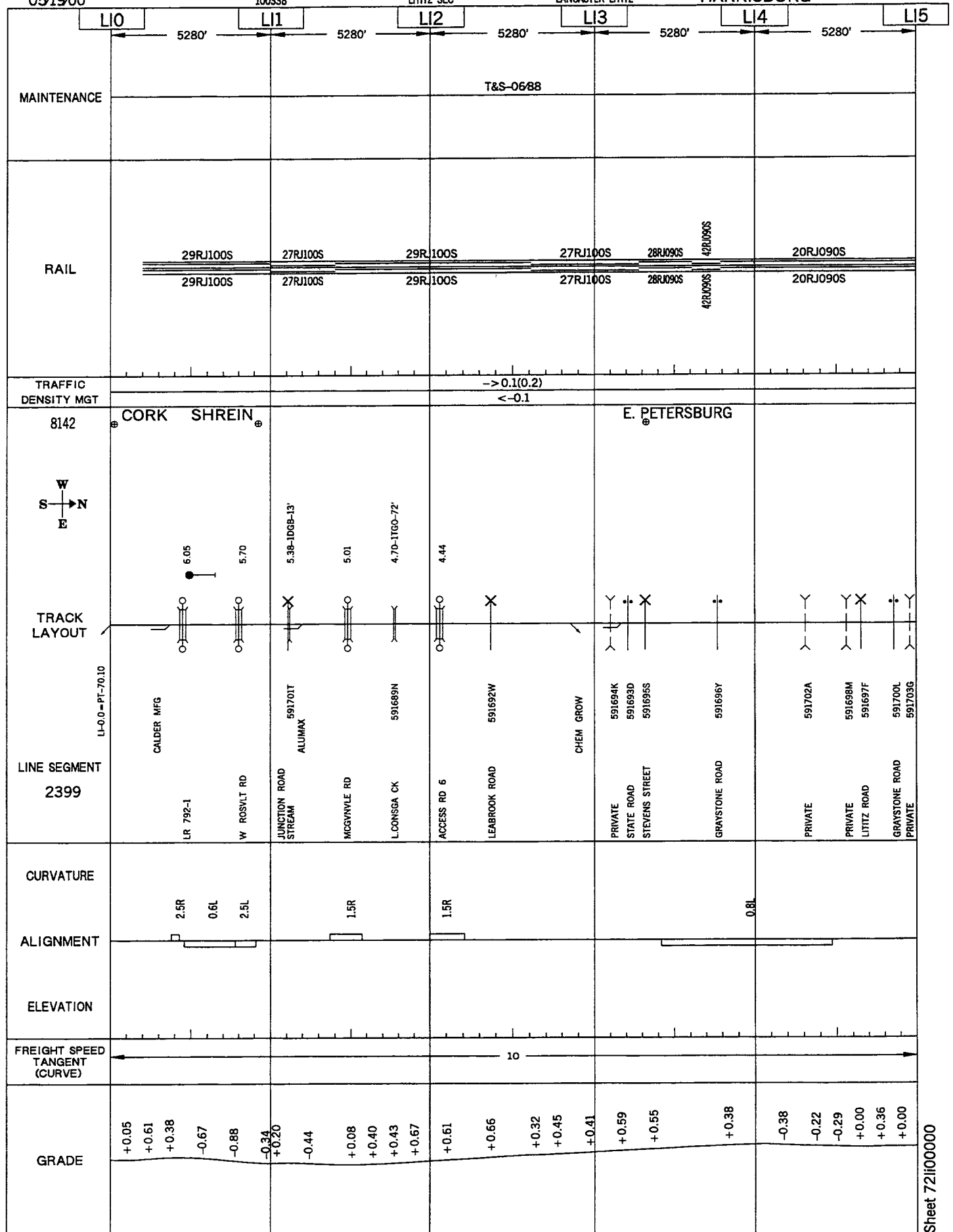
051900

100338

LITITZ SEC

LANCASTER-LITITZ

HARRISBURG



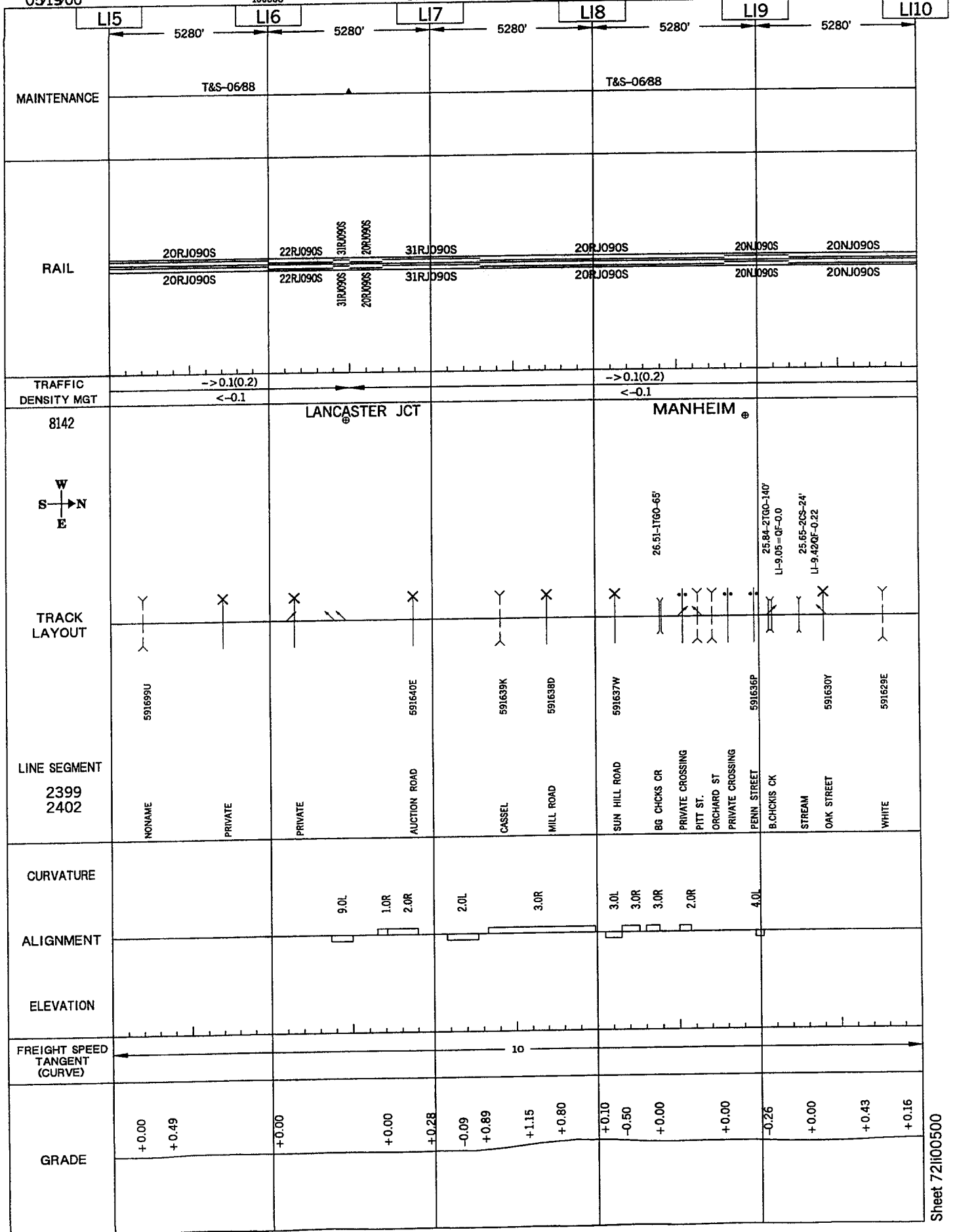
05/19/00

100338

LITITZ SEC

LANCASTER-LITITZ

HARRISBURG



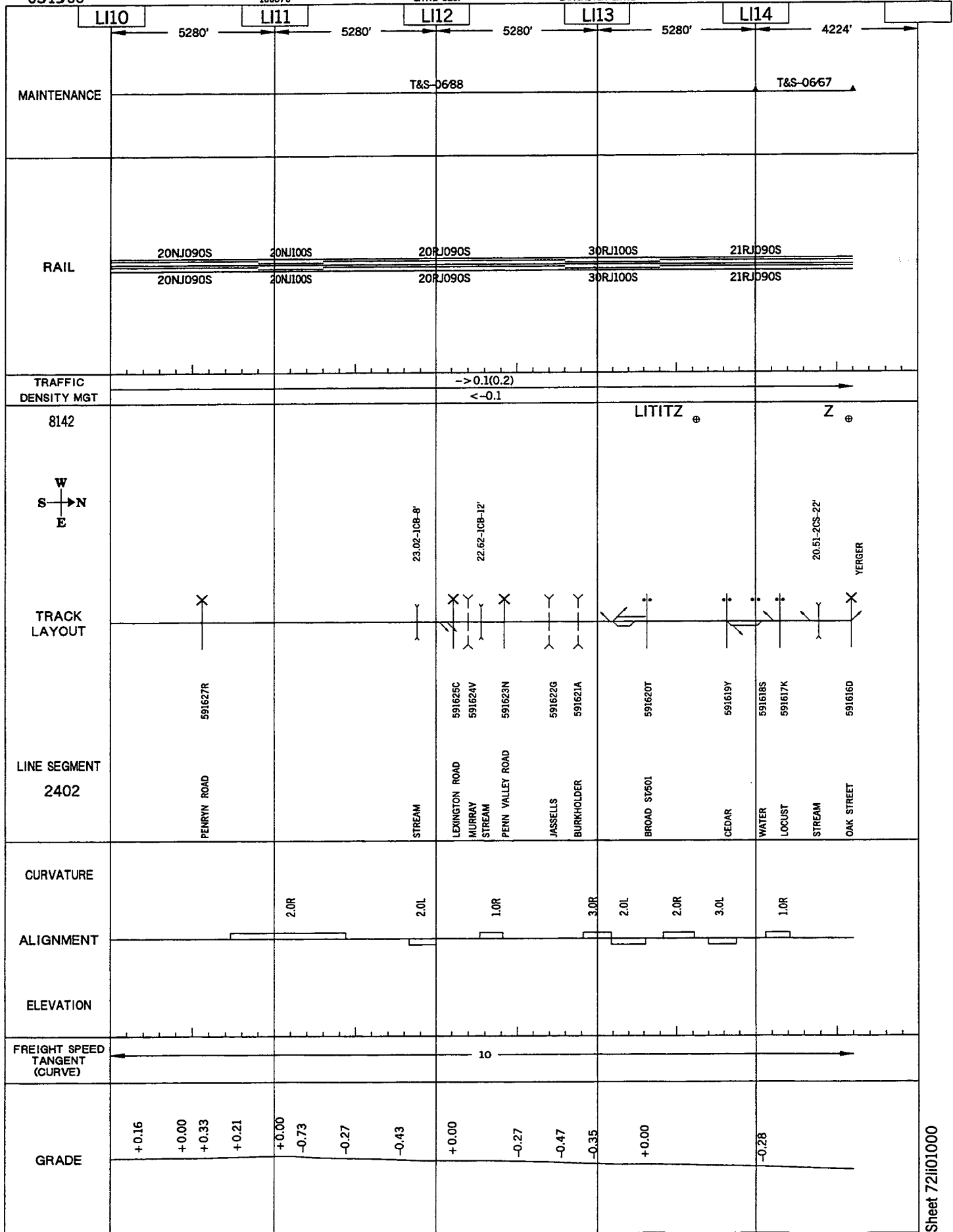
05/19/00

100370

LITITZ SEC.

LANCASTER-LITITZ

HARRISBURG



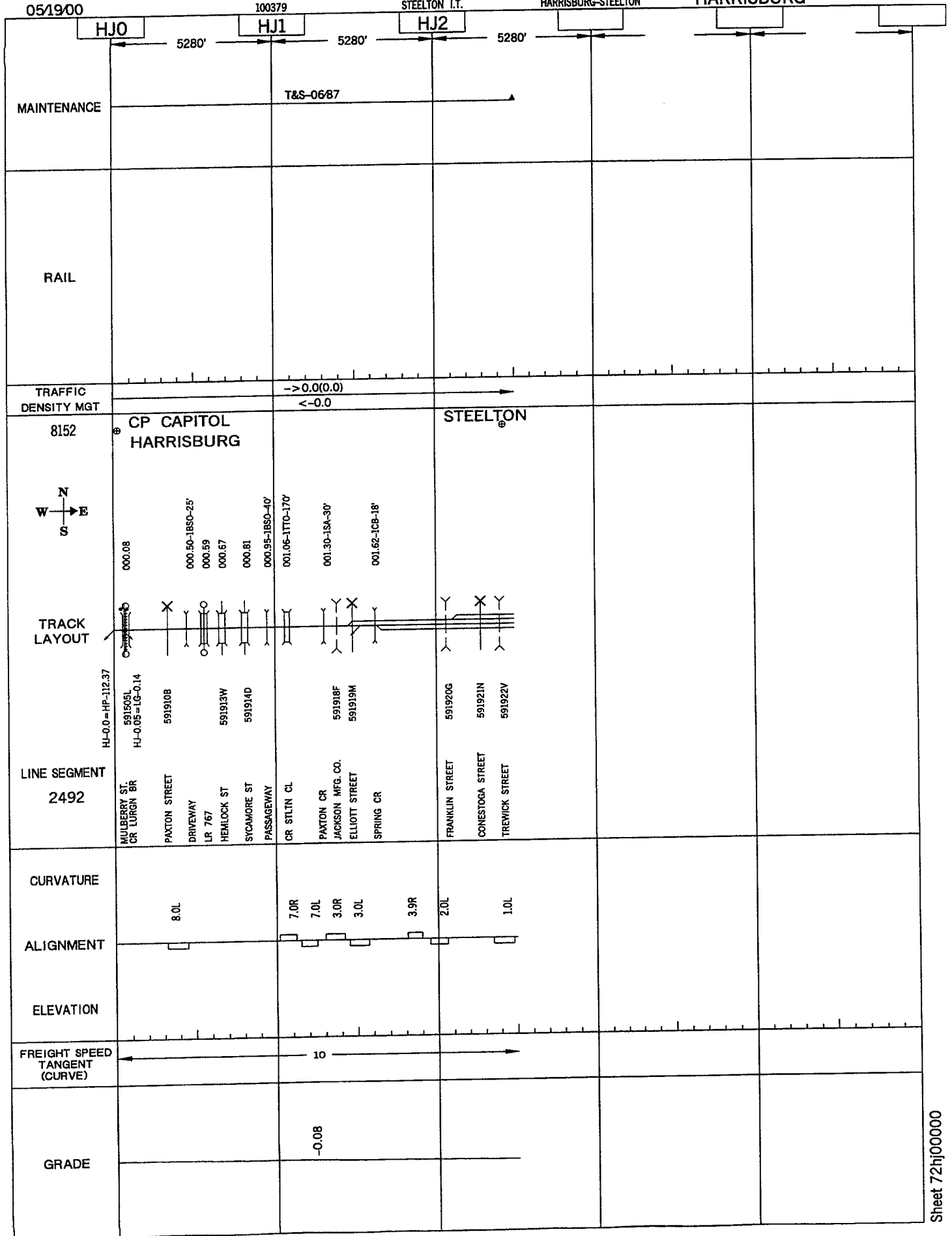
051900

100379

STEELTON I.T.

HARRISBURG-STEELTON

HARRISBURG



05/19/00

100385

MT. HOPE I.T.

MANHEIM

HARRISBURG

	QFO	5280'							
MAINTENANCE									
RAIL	20NJ090S 20NJ090S								
TRAFFIC DENSITY MGT	→								
8142	MANHEIM								
<div> <div> <div>E</div> <div>N</div> <div>S</div> <div>W</div> </div> <div> <div>OF-0.0=LL-9.05</div> <div>000.03-208-40'</div> </div> <div> <div>TRACK LAYOUT</div> <div> <div>X</div> <div>X</div> </div> </div> </div>									
LINE SEGMENT 2594	<div> <div>CREEK</div> <div>OAK ST</div> <div>E HIGH ST</div> </div> <div> <div>591455K</div> <div>OF-0.22 /LL-9.42</div> <div>591456S</div> </div>								
CURVATURE	5.9L								
ALIGNMENT									
ELEVATION									
FREIGHT SPEED TANGENT (CURVE)	← 10 →								
GRADE	+0.09								

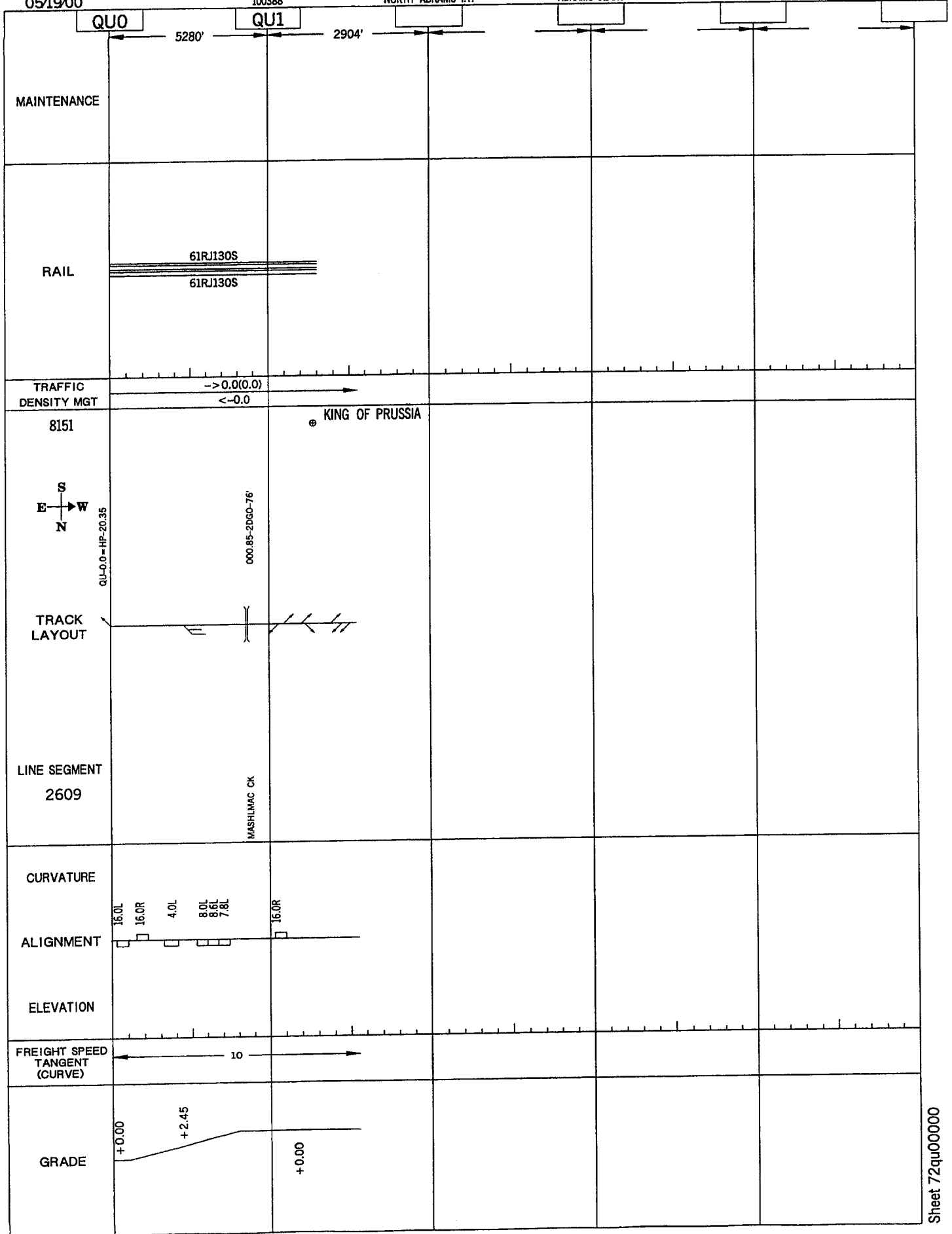
05/19/00

100388

NORTH ABRAMS I.T.

ABRAMS-SEARS

HARRISBURG



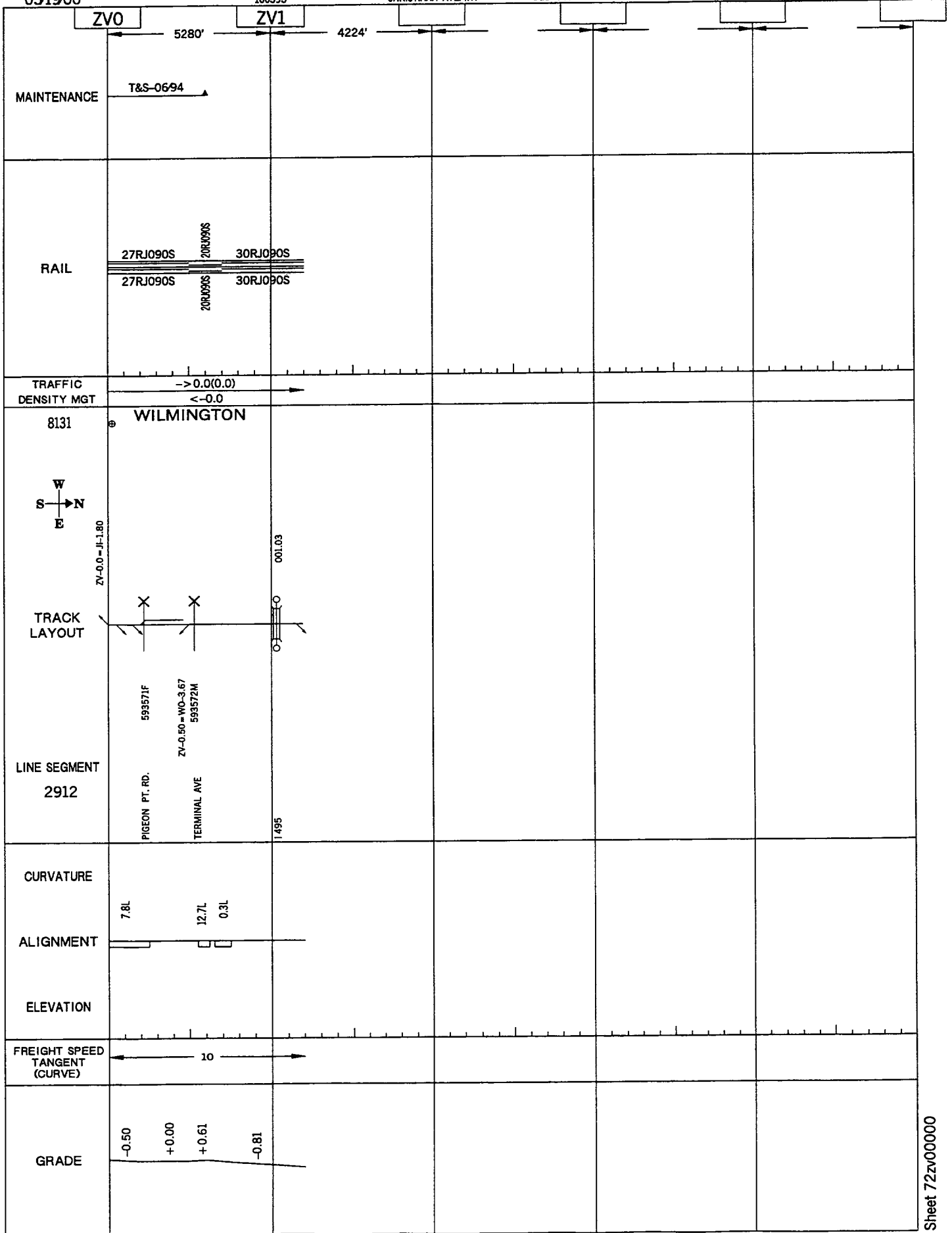
051900

100393

CHRISTIANA AVE. I.T.

DEL RIVER EXT-CHRISTIANA

HARRISBURG



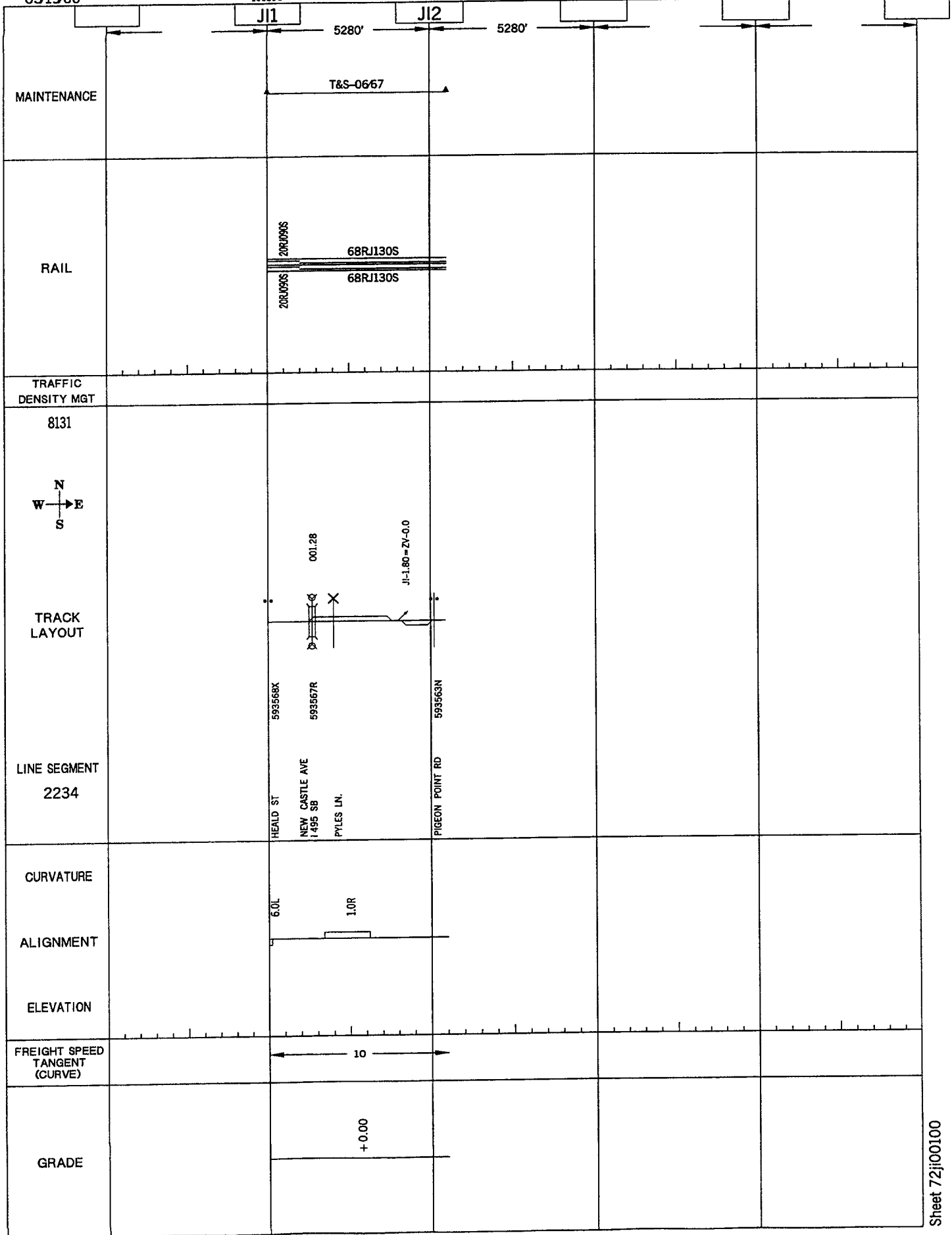
051900

100396

DELAWARE RIVER EXT.

HEALD ST-PIGEON PT

HARRISBURG



051900

100513

E & N I.T.

13TH ST JCT-END

HARRISBURG

ER87

5284'

5281'

MAINTENANCE

RAIL

20NJ100S

20NJ100S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)
< -0.0

W
S — N
E

TRACK
LAYOUT

086.62-2060-114'

ER-86.75 = SE-19.70

BUSHKILL CK
PR 045

BUSHKILL ST.
CENTER ST.

361732H
361733P

LINE SEGMENT
2469

CURVATURE

ALIGNMENT

ELEVATION

3.0R

3.0L

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.00

-0.19

05/19/00

100514

SHEPPTON I.T.

ONEIDA JCT-HARWOOD JCT

HARRISBURG

KA148

KA149

5280'

5280'

MAINTENANCE

T&S-0690

RAIL

20R/100S

20R/100S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)

<- 0.0

8210

ONEIDA JCT.

HAZELTON

S
E → W
N

TRACK
LAYOUT

149.00

LINE SEGMENT
2534

KA-148.00-JW-147.40

PRIVATE CROSSING 361472S

IR-31

PRIVATE CROSSING 361475M

CURVATURE

ALIGNMENT

ELEVATION

1.5R

6.0R

5.5L

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.15

05/19/00

100515

HAZELTON R.T.

ASHMORE-ONEIDA JCT

HARRISBURG

JW142

JW143

JW144

JW145

5280'

5175'

5323'

5280'

MAINTENANCE

T&S-06/86

T&S-06/87

RAIL

20RJF136S

20RJF136S

TRAFFIC
DENSITY MGT

> 0.4(0.8)
< -0.4

8212

ASHMORE JCT

HAZLETON YD.

S
E → W
N

JW-142.00 = OH-10.80

TRACK
LAYOUT

LINE SEGMENT
2186

FREELAND R.T.

STOCKTON-HAZLETON

PRIVATE CROSSING

HAZLETON YARD

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+ 0.30

+ 0.00

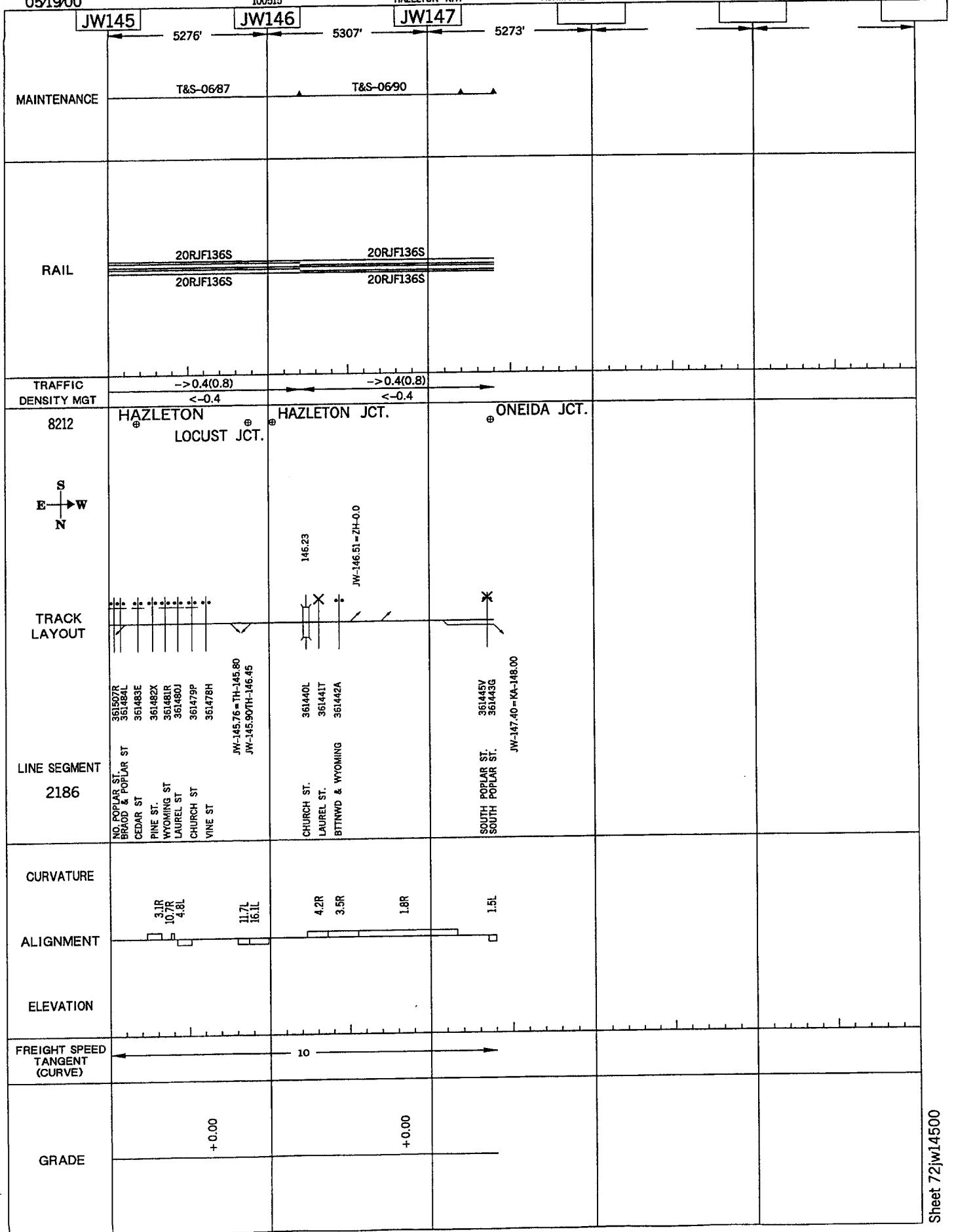
05/19/00

100515

HAZELTON R.T.

ASHMORE-ONEIDA JCT

HARRISBURG



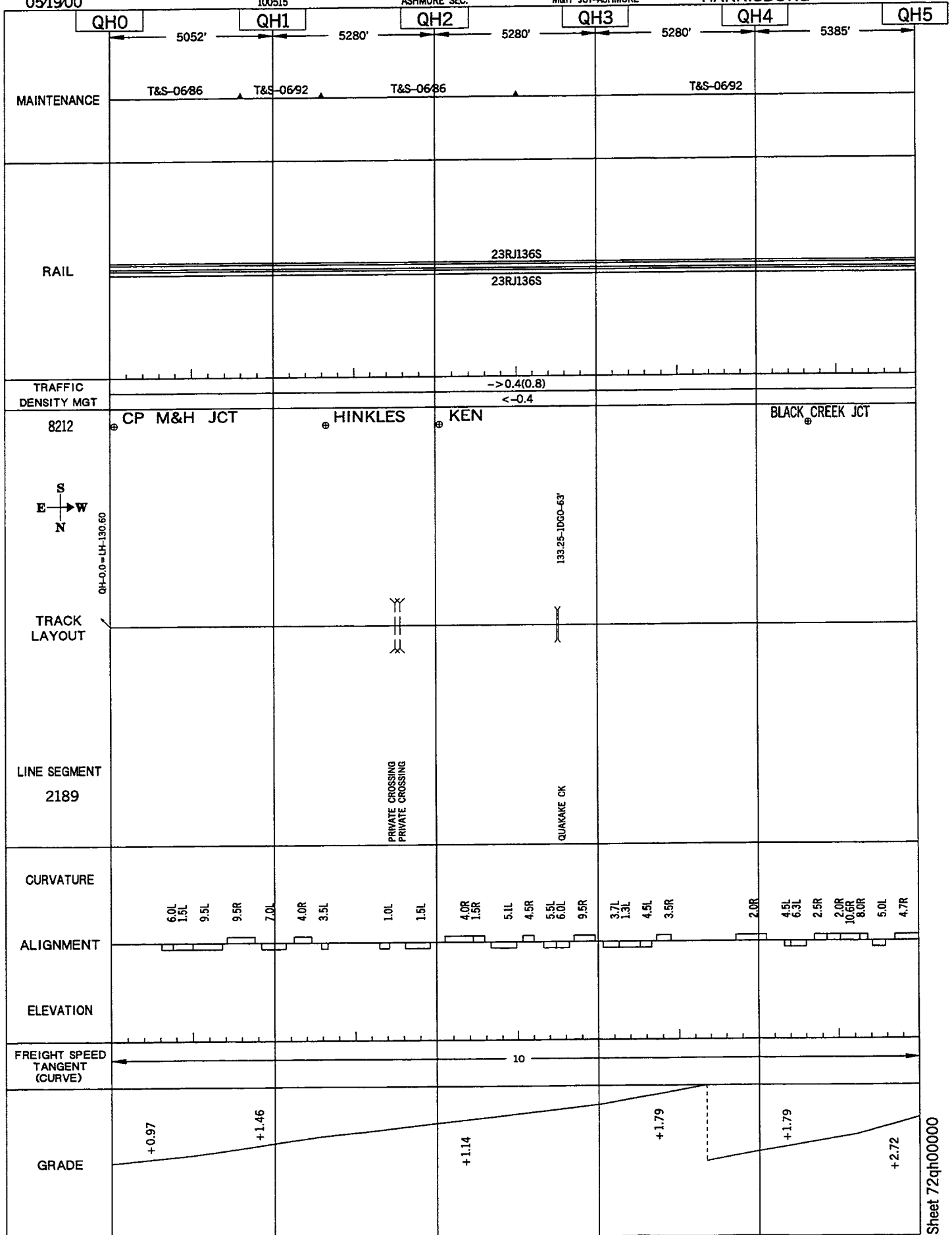
051900

100515

ASHMORE SEC.

M&H JCT-ASHMORE

HARRISBURG



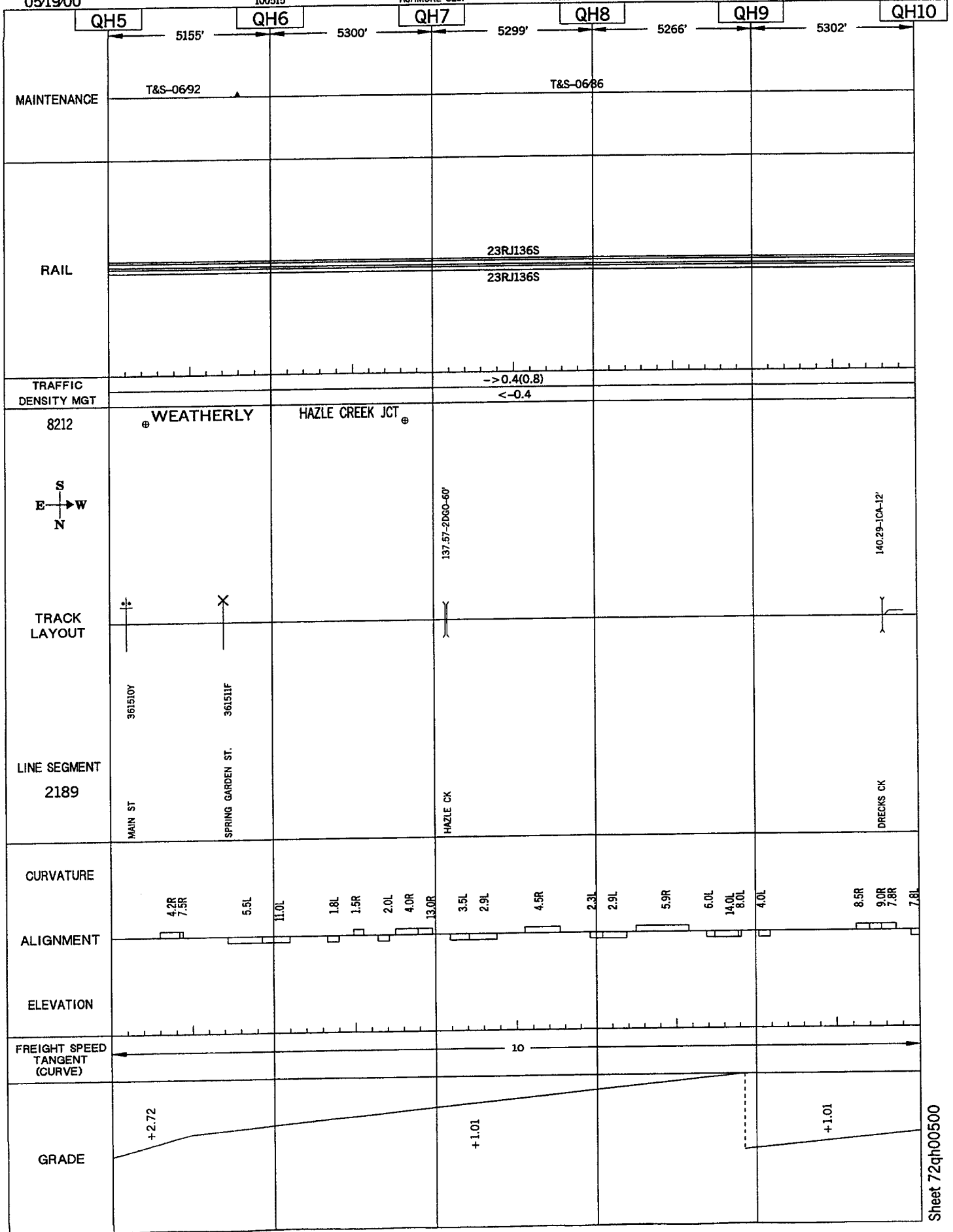
051900

100515

ASHMORE SEC.

M&H JCT-ASHMORE

HARRISBURG



051900

100515

ASHMORE SEC.

M&H JCT-ASHMORE

HARRISBURG

MAINTENANCE	<div data-bbox="272 149 360 180" data-label="Text">QH10</div> <div data-bbox="404 176 464 197" data-label="Text">4232'</div> <div data-bbox="360 256 455 279" data-label="Text">T&S-0686</div>				
RAIL	<div data-bbox="365 510 452 533" data-label="Text">23RJ136S</div> <div data-bbox="365 550 452 573" data-label="Text">23RJ136S</div>				
TRAFFIC DENSITY MGT	<div data-bbox="360 705 455 728" data-label="Text">→ 0.4(0.8)</div> <div data-bbox="360 728 436 751" data-label="Text">< -0.4</div>				
TRACK LAYOUT	<div data-bbox="310 747 642 781" data-label="Text">ASHMORE JCT. ⊕ ⊕ ASHMORE</div> <div data-bbox="194 856 279 936" data-label="Image"> </div> <div data-bbox="378 877 403 989" data-label="Text">140.82-2850-44'</div> <div data-bbox="480 877 505 989" data-label="Text">141.21-1850-22'</div> <div data-bbox="505 856 530 1005" data-label="Text">QH-10.80-JW-142.00</div> <div data-bbox="185 1056 279 1104" data-label="Text">TRACK LAYOUT</div> <div data-bbox="378 1031 525 1119" data-label="Diagram"> </div> <div data-bbox="513 1136 535 1236" data-label="Text">FREELAND I.T.</div>				
LINE SEGMENT 2189	<div data-bbox="378 1335 403 1409" data-label="Text">HAZLE CK.</div> <div data-bbox="444 1276 469 1409" data-label="Text">PRIVATE CROSSING</div> <div data-bbox="480 1335 505 1409" data-label="Text">HAZLE CK.</div>				
CURVATURE	<div data-bbox="310 1493 335 1524" data-label="Text">9.3L</div> <div data-bbox="310 1524 335 1556" data-label="Text">6.5L</div> <div data-bbox="394 1493 419 1524" data-label="Text">0.8R</div> <div data-bbox="493 1493 518 1524" data-label="Text">1.5L</div>				
ALIGNMENT	<div data-bbox="310 1556 513 1570" data-label="Diagram"> </div>				
ELEVATION					
FREIGHT SPEED TANGENT (CURVE)	<div data-bbox="394 1724 419 1745" data-label="Text">10</div>				
GRADE	<div data-bbox="411 1822 436 1875" data-label="Text">+1.01</div> <div data-bbox="310 1864 513 1879" data-label="Diagram"> </div>				

05/19/00

100517

EBERVALE R.T.

JEDDO-HARLEIGH JCT

HARRISBURG

QO149

QO150

5280'

5280'

MAINTENANCE

T&S-06/20

RAIL

20RJ110S

20RJ110S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)
<- -0.0

8212

S
E → W
N

TRACK
LAYOUT

149.02-1850-13'

X

361529R

HARLEIGH RD

BLACK CRK

LINE SEGMENT
2603

CURVATURE

ALIGNMENT

ELEVATION

15.0R
3.5R

4.5L

6.0R

8.0L

7.5R

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.00

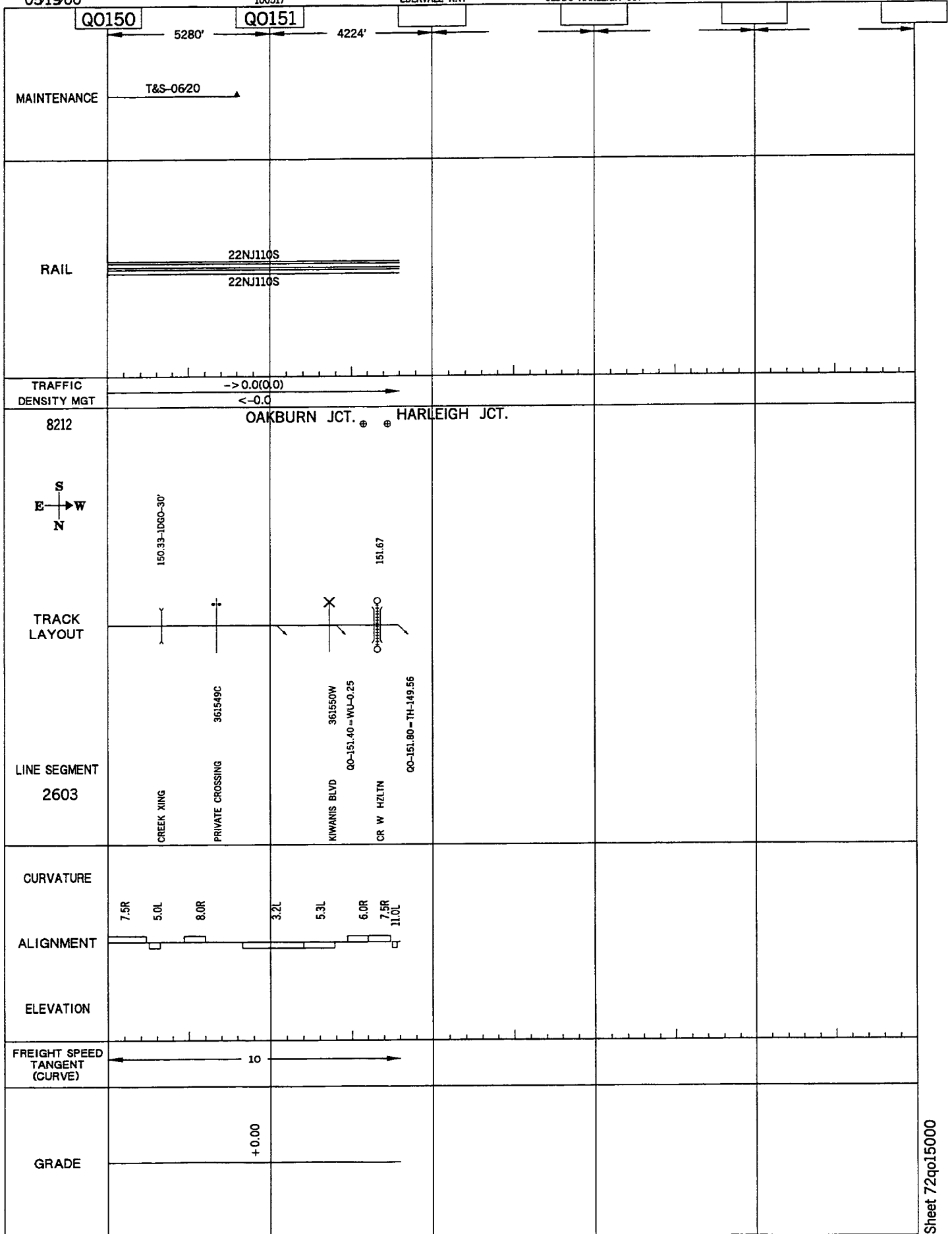
05/19/00

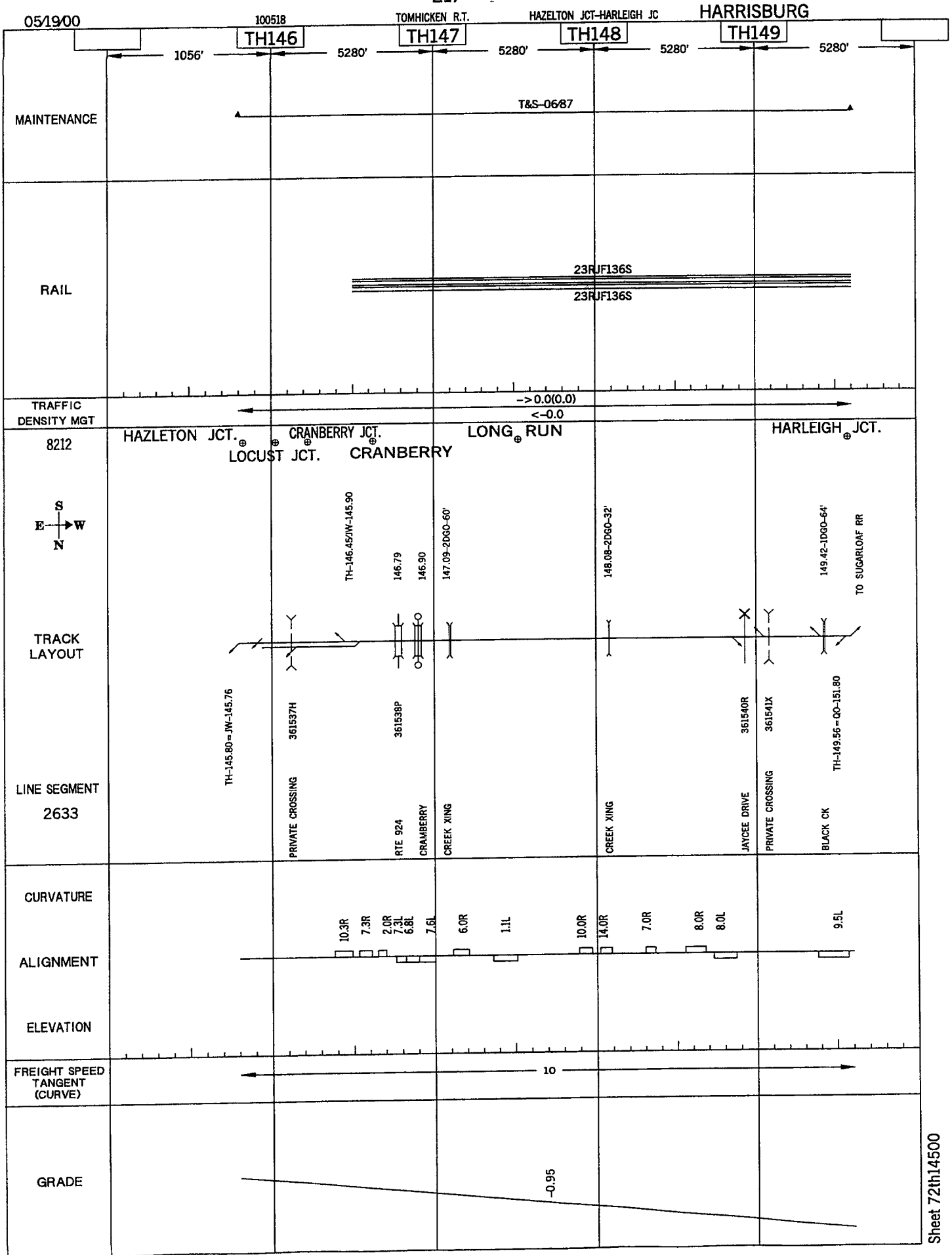
100517

EBERVALE R.T.

JEDDO-HARLEIGH JCT

HARRISBURG





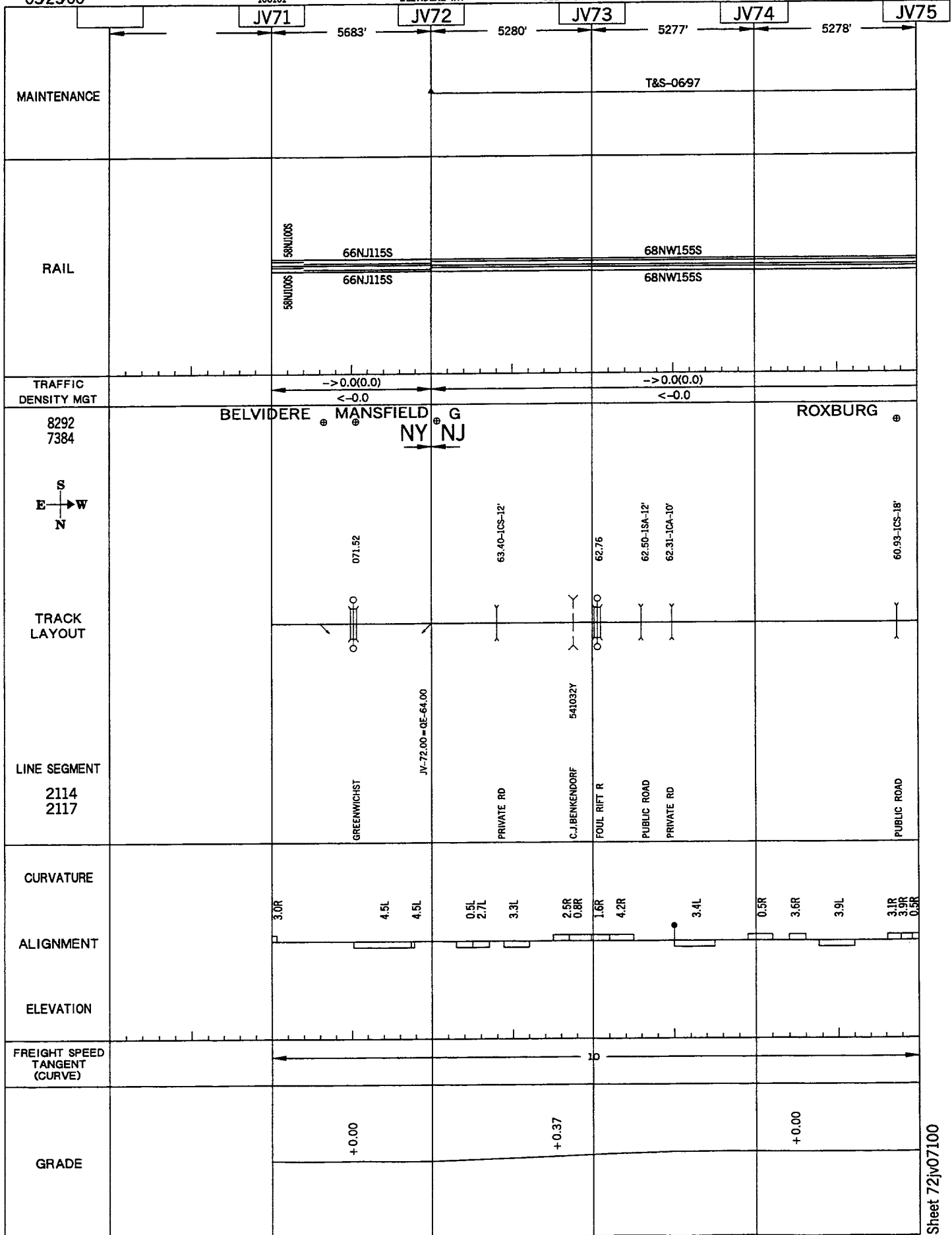
05/25/00

100101

BELVIDERE I.T.

BELVIDERE-BRAINARDS

HARRISBURG



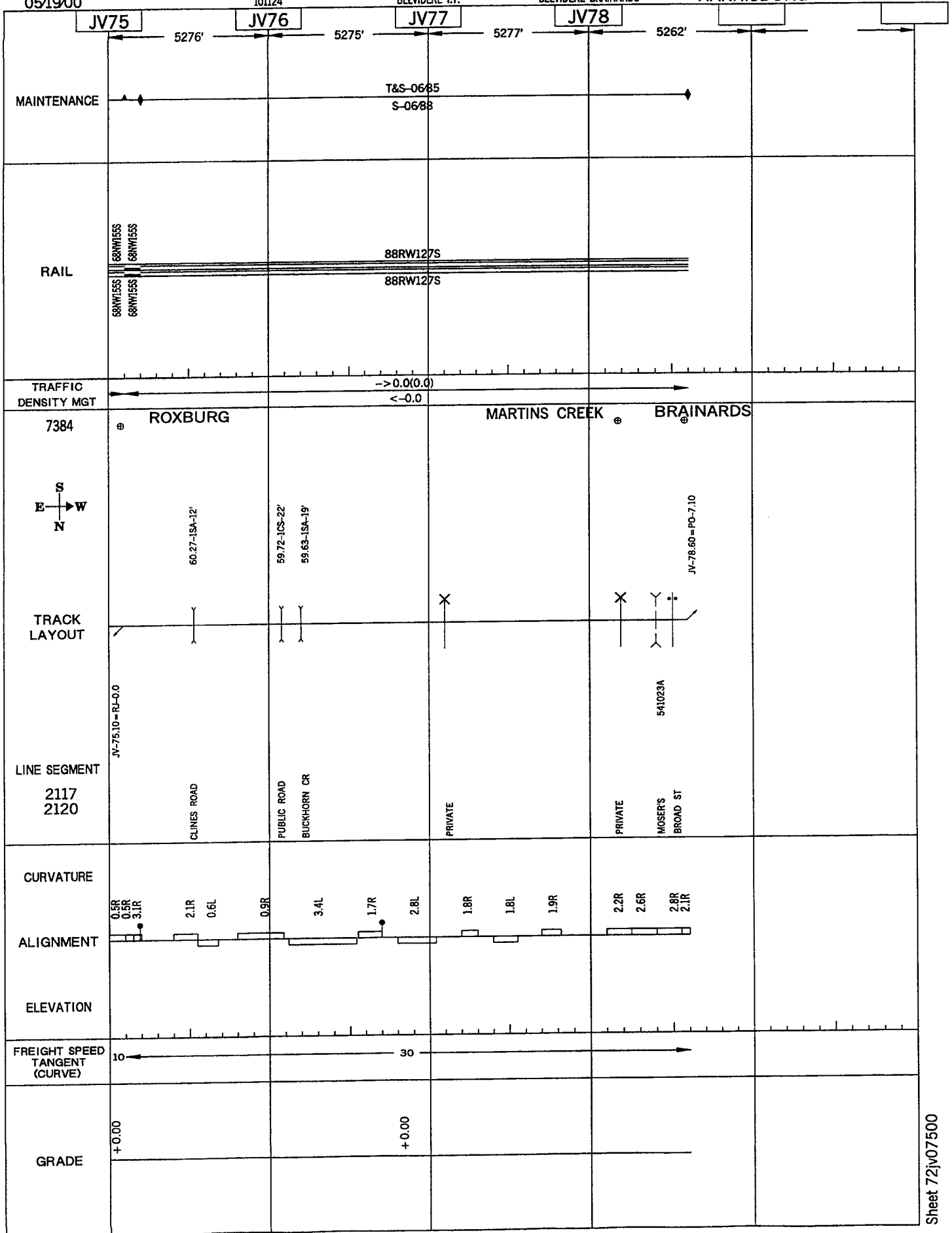
05/19/00

101124

BELVIDERE I.T.

BELVIDERE-BRAINARDS

HARRISBURG



220

051900

101124

BELVIDERE I.T.

BELVIDERE

HARRISBURG

QE64

QE65

5278'

T&S-0692

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

-> 0.0(0.0)

<- 0.0

⊙ BELVIDERE

S
E → W
N

TRACK
LAYOUT

QE-64.00 = JV-72.00

LINE SEGMENT
2591

CURVATURE

ALIGNMENT

ELEVATION

4.1R
2.6R
3.1L
1.4L
6.3R

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.08

Sheet 72qe06400

05/1900

101124

BELVIDERE I.T.

BELVIDERE

HARRISBURG

QE65

1584'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

S
E → W
N

TRACK
LAYOUT

LINE SEGMENT
2591

CURVATURE

6.3R

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.08

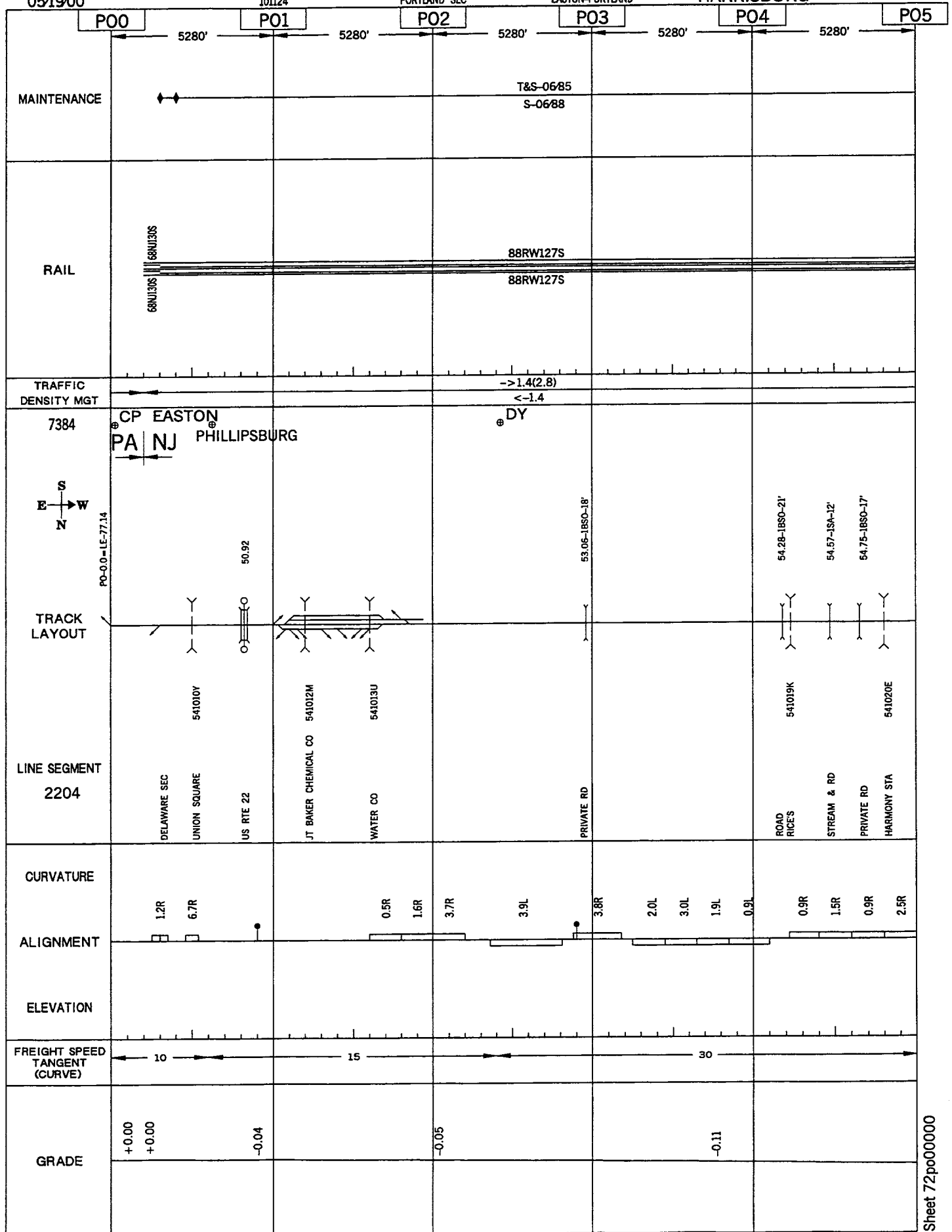
05/19/00

101124

PORTLAND SEC

EASTON-PORTLAND

HARRISBURG



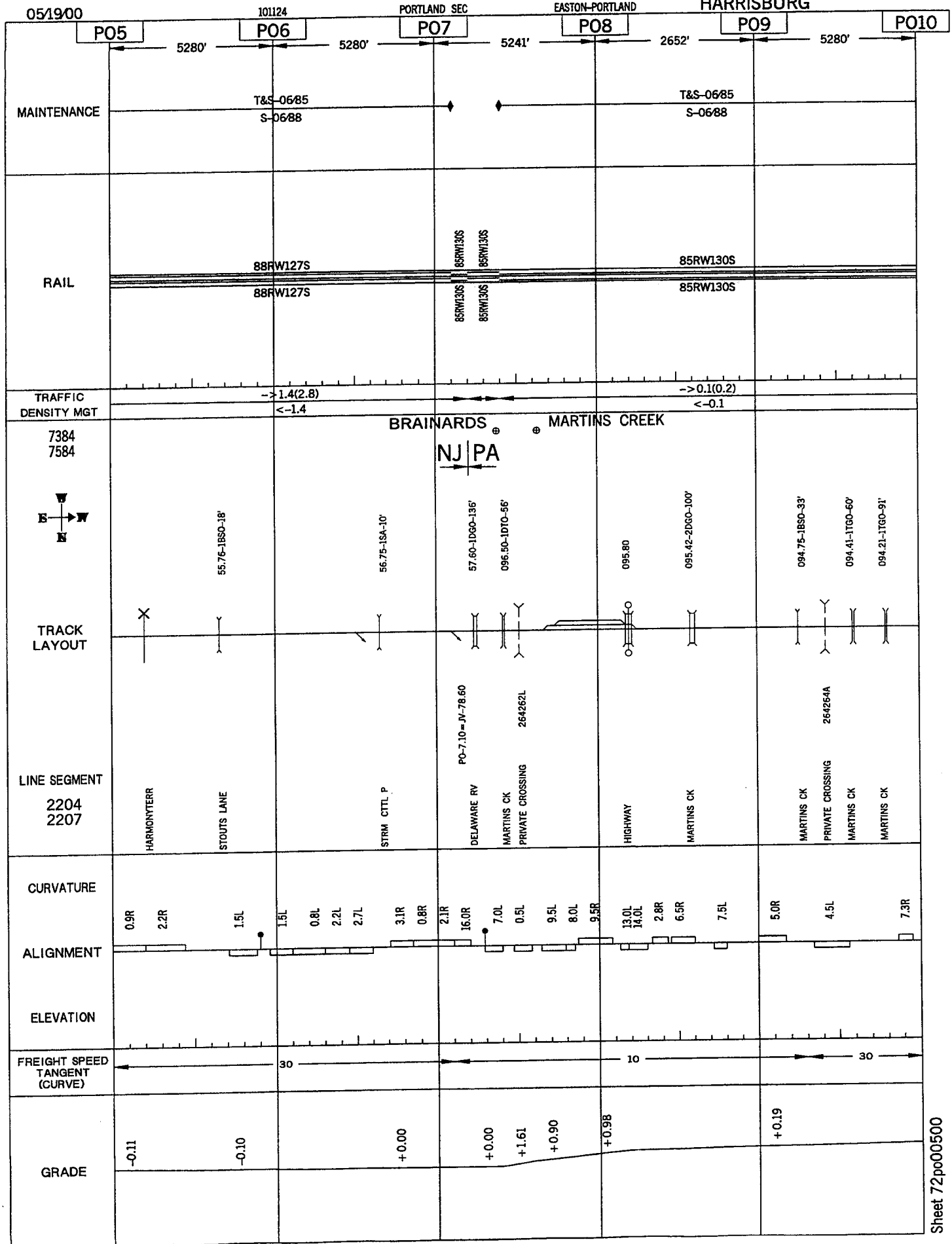
05/19/00

101124

PORTLAND SEC

EASTON-PORTLAND

HARRISBURG



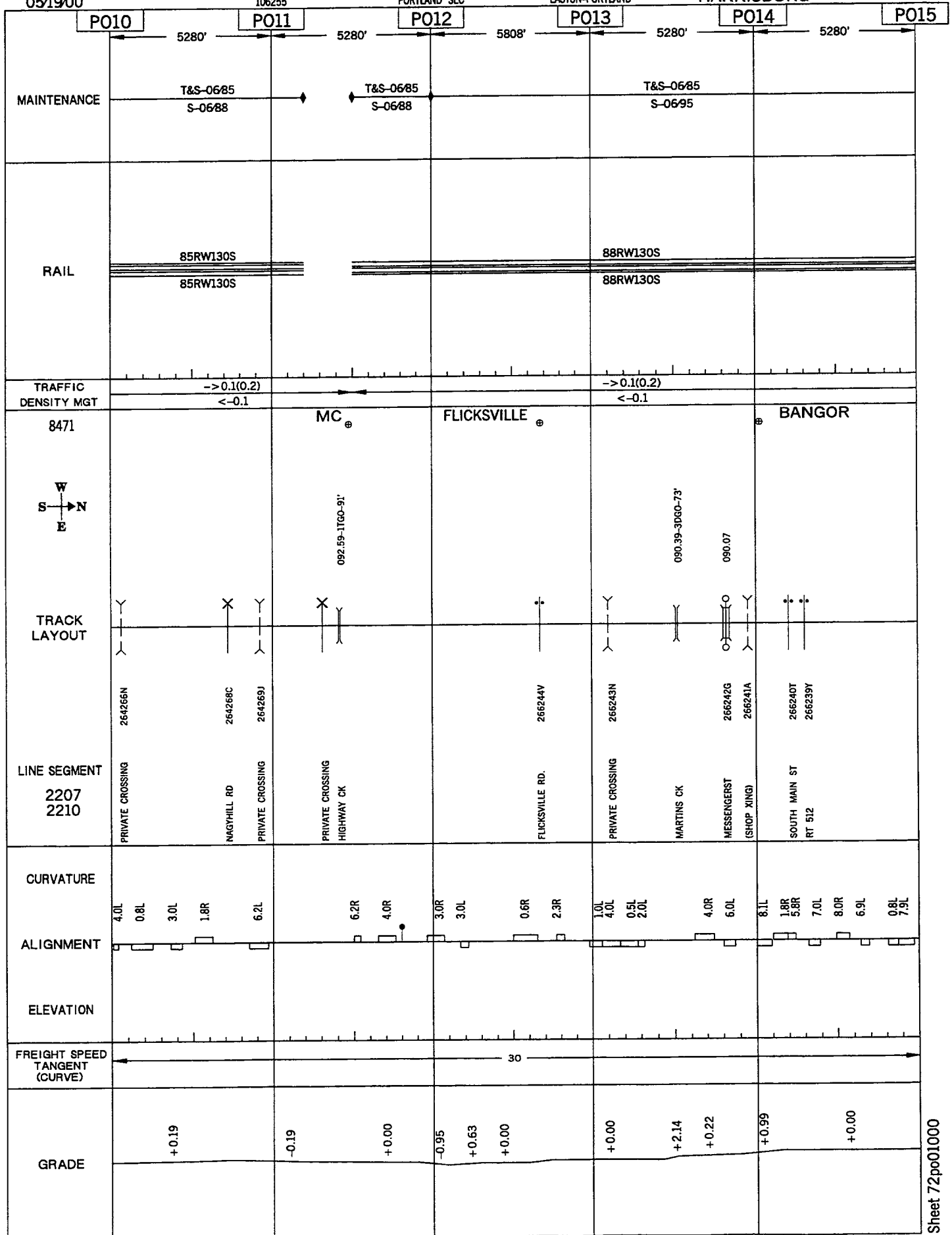
05/1900

106255

PORTLAND SEC

EASTON-PORTLAND

HARRISBURG



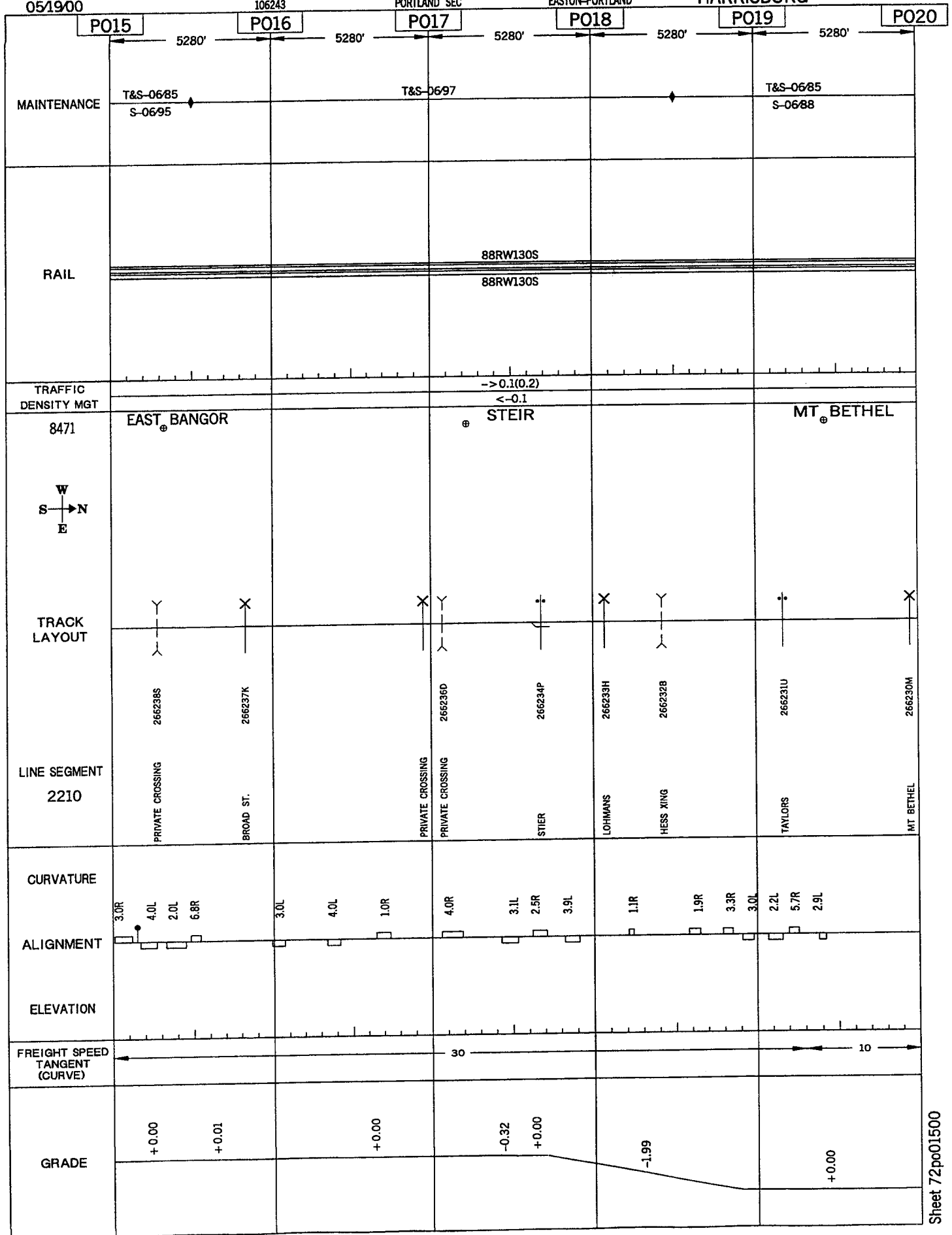
051900

106243

PORTLAND SEC

EASTON-PORTLAND

HARRISBURG



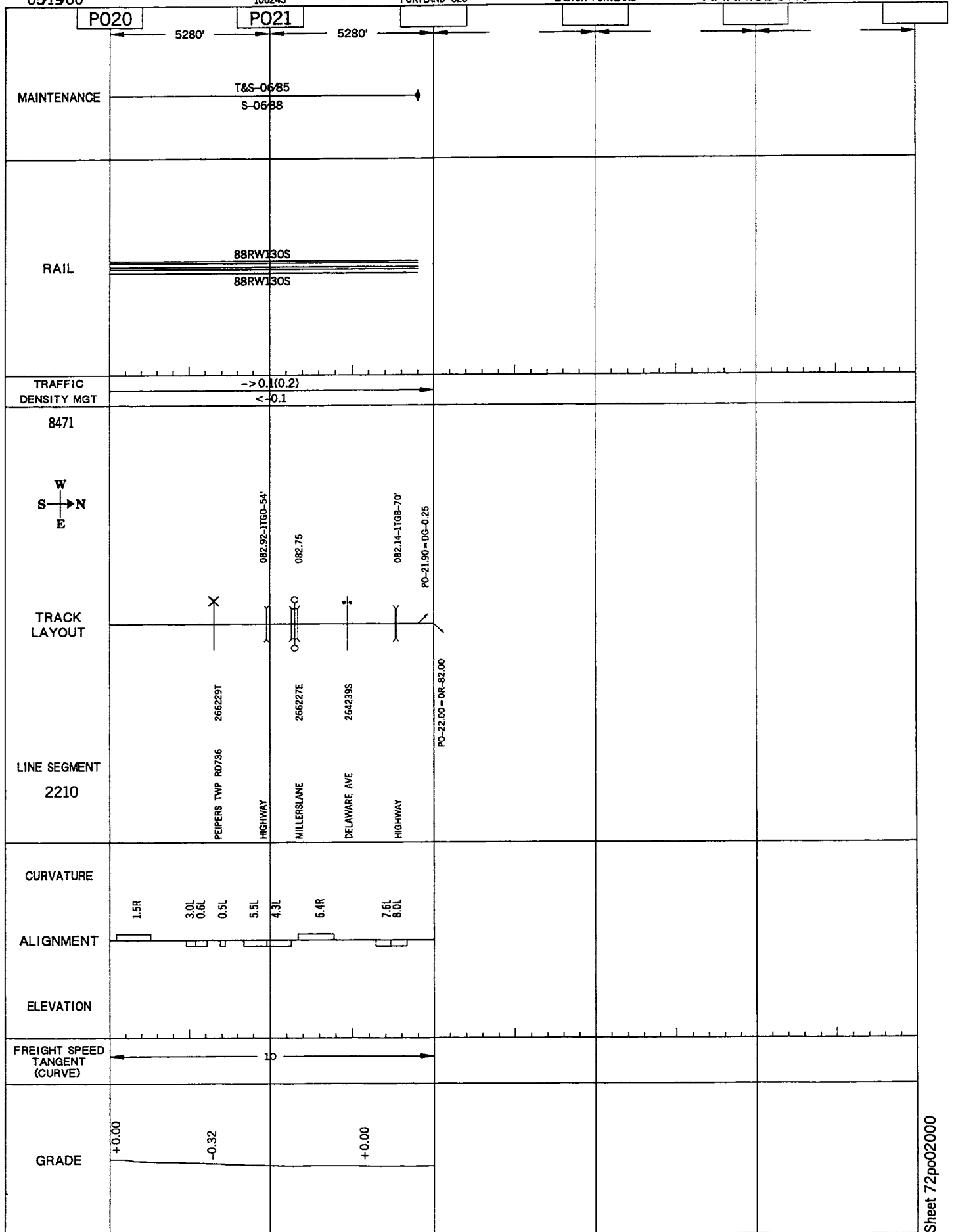
05/19/00

106243

PORTLAND SEC

EASTON-PORTLAND

HARRISBURG



05/19/00

101129

READING I.T.

PARRISH IT-READING IT

HARRISBURG

UI59

UI60

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7010



TRACK
LAYOUT

LINE SEGMENT
2654

CURVATURE

ALIGNMENT

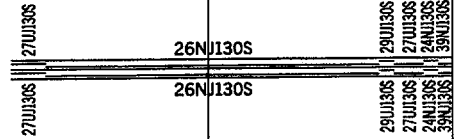
ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

5280'

5280'



0.0(0.0)

< -0.0

READING

COURT ST IT

058.30

058.61

058.97

UI-59.35 - HP-59.60

059.78

PENN ST

525737M

BTTNWD ST

530147M

CR HBQ LINE

SCHUYLL AVE
PRIVATE CROSSING

530149B

5.0L

5.5R

3.8R

3.5L

10

+0.32

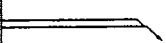
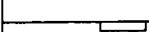
051900

101129

READING I.T.

PARRISH IT-READING IT

HARRISBURG

	UI60	5280'						
MAINTENANCE								
RAIL								
TRAFFIC DENSITY MGT	<div> <div>→ 0.0(0.0)</div> <div>< -0.0</div> </div>							
<div> <div>S</div> <div>E → W</div> <div>N</div> </div>								
TRACK LAYOUT								
LINE SEGMENT 2654	UI-50.60-FR-60.50							
CURVATURE	20L							
ALIGNMENT								
ELEVATION								
FREIGHT SPEED TANGENT (CURVE)	10							
GRADE	+0.32							

051900

101129

READING I.T.

BIRDSBORO-GIBRALTER

HARRISBURG

EX50

4224'

T&S-06/97

MAINTENANCE

RAIL

20NJ100S 24NJ130S
20NJ100S 24NJ130S

TRAFFIC
DENSITY MGT

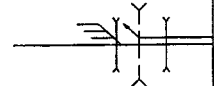
7010

S
E—W
N

TRACK
LAYOUT

⊕ BIRDSBORO

049.61-1SA-24'
049.78-1CSB-27'



529751H

LINE SEGMENT
2471

BIDLERS RUN
CLINGAN RD
CLINGAN RD

CURVATURE

ALIGNMENT

ELEVATION

0.2L

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.02

-0.08

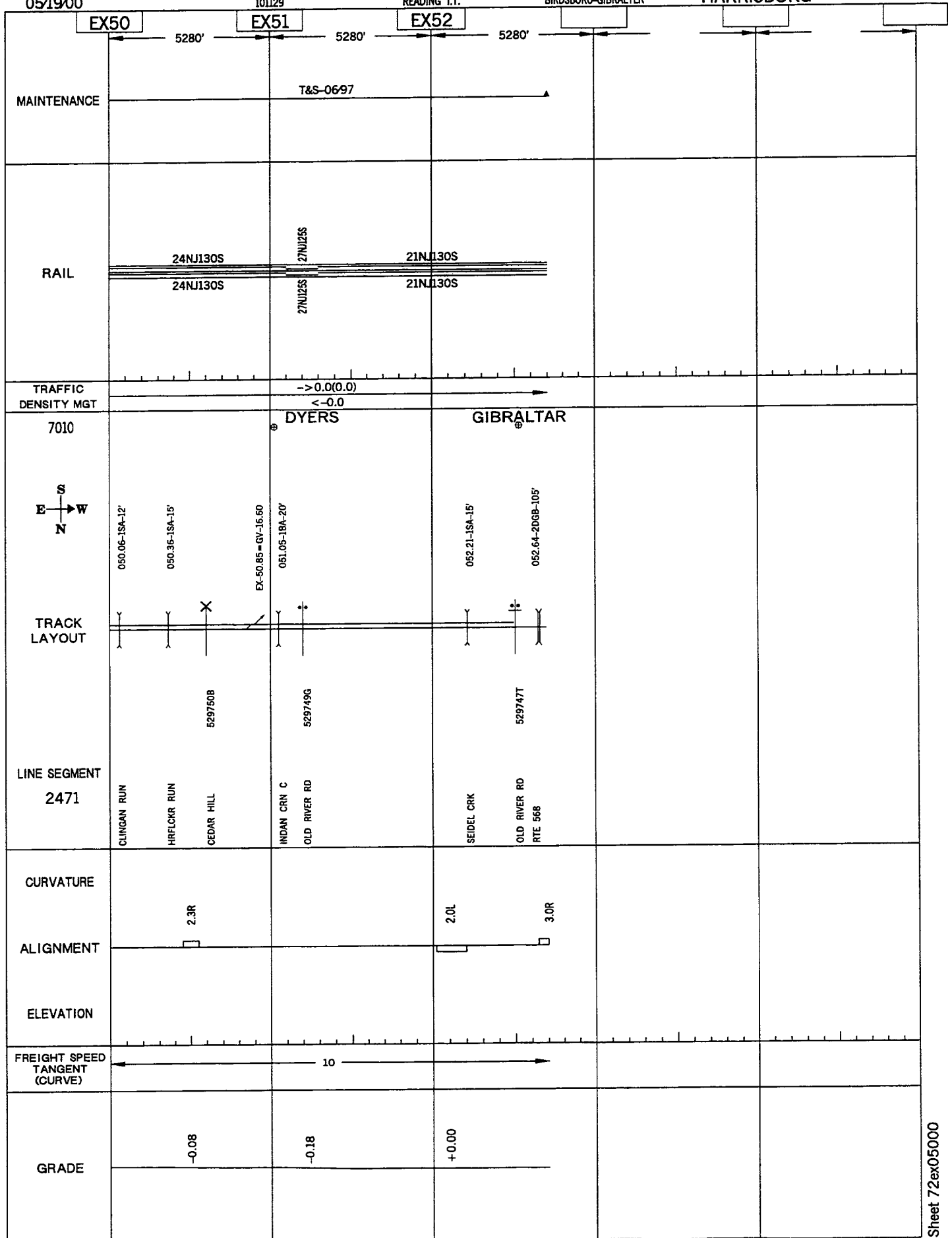
051900

101129

READING I.T.

BIRDSBORO-GIBRALTER

HARRISBURG



051900

101129

POTTSTOWN I.T.

FRICKS LOCK-POTTSTOWN

HARRISBURG

EF38

EF39

EF40

5280'

5280'

5308'

MAINTENANCE

RAIL

20UJ130S

20UJ25S

25UJ130S

20UJ130S

20UJ25S

25UJ130S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)

<- 0.0

7010

LOCK

S
E—W
N

TRACK
LAYOUT

038.21

039.06-15A-15'

039.50-15A-15'

039.61-1CS-28'

531768L

531767E

531766X

531765R

LINE SEGMENT
2462

FIRESTN CO

MOSER ROAD

WELLS RUN

KEIM ST

WATER ST

IRON CO

HUBBLEYS RUN

IND. HWY.

CURVATURE

0.5L

ALIGNMENT

3.0R

1.0R

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.40

051900

101129

POTTSTOWN I.T.

FRICKS LOCK-POTTSTOWN

HARRISBURG

	EF40	5256'						
MAINTENANCE								
RAIL								
TRAFFIC DENSITY MGT	<p>→ 0.0(0.0)</p> <p>< -0.0</p>							
TRACK LAYOUT	<p>POTTSTOWN</p> <p>COLEBROOKDALE</p>							
LINE SEGMENT 2462	<p>HANOVER ST.</p> <p>GABLES RACE PRIVATE</p> <p>MANTAWNY CR</p> <p>INDUSTRIAL HWY</p>							
CURVATURE	1.5L							
ALIGNMENT								
ELEVATION								
FREIGHT SPEED TANGENT (CURVE)	10							
GRADE	-0.40							

05/19/00

101120

WOOD CONNECTING TRACK

WOOD-WEST LANG

HARRISBURG

	ZP0	ZP1					
	3696'						
MAINTENANCE							
RAIL							
TRAFFIC DENSITY MGT	←→						
TRACK LAYOUT	<div> <div> <div>S</div> <div>E</div> <div>N</div> <div>W</div> </div> <div>CP W LANG</div> </div>						
LINE SEGMENT 2906	<div> <div> <div>2P-0.70-MW-6.57</div> </div> </div>						
CURVATURE							
ALIGNMENT	—						
ELEVATION							
FREIGHT SPEED TANGENT (CURVE)	← 10 →						
GRADE	<div> <div>+0.00</div> </div>						

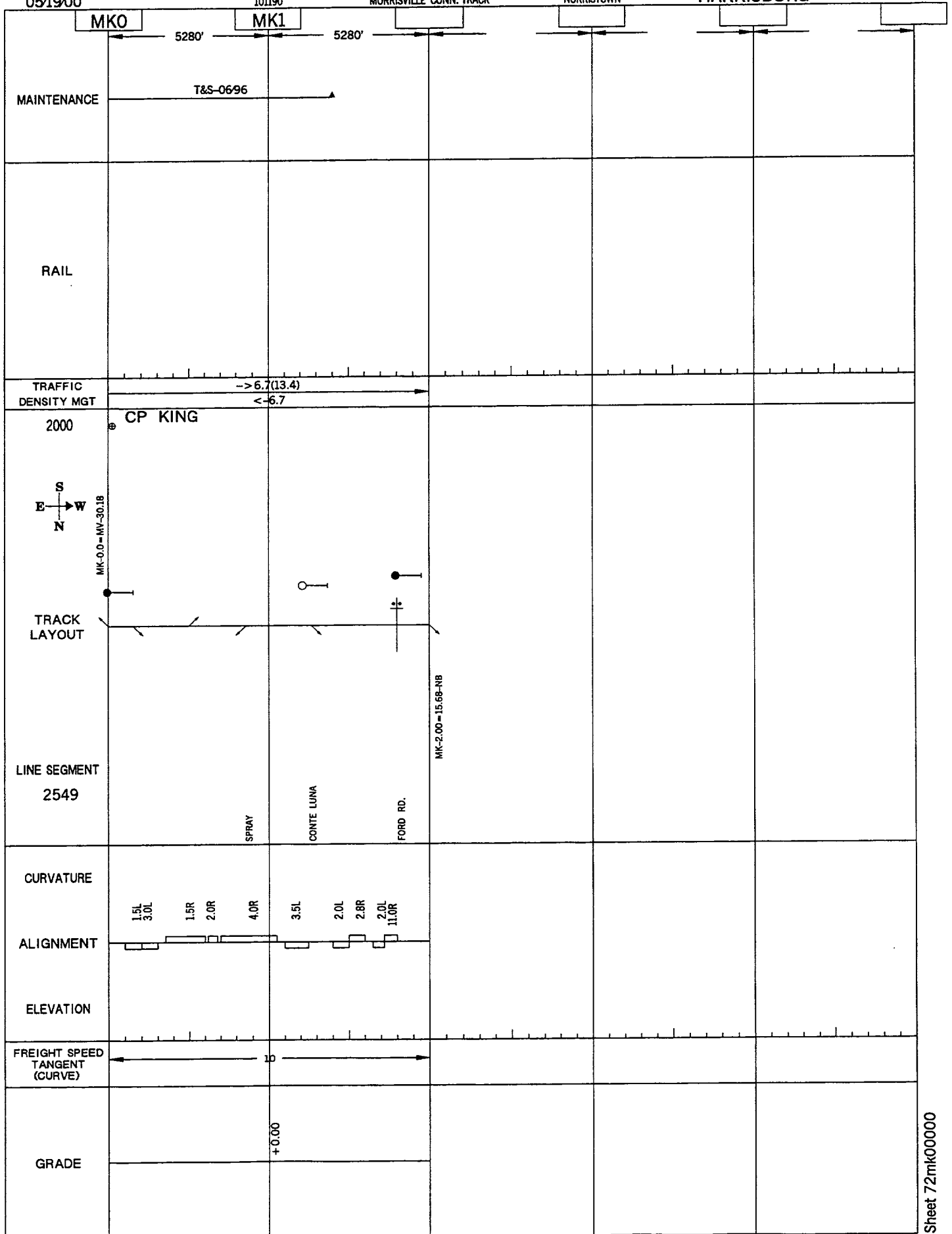
051900

101190

MORRISVILLE CONN. TRACK

NORRISTOWN

HARRISBURG



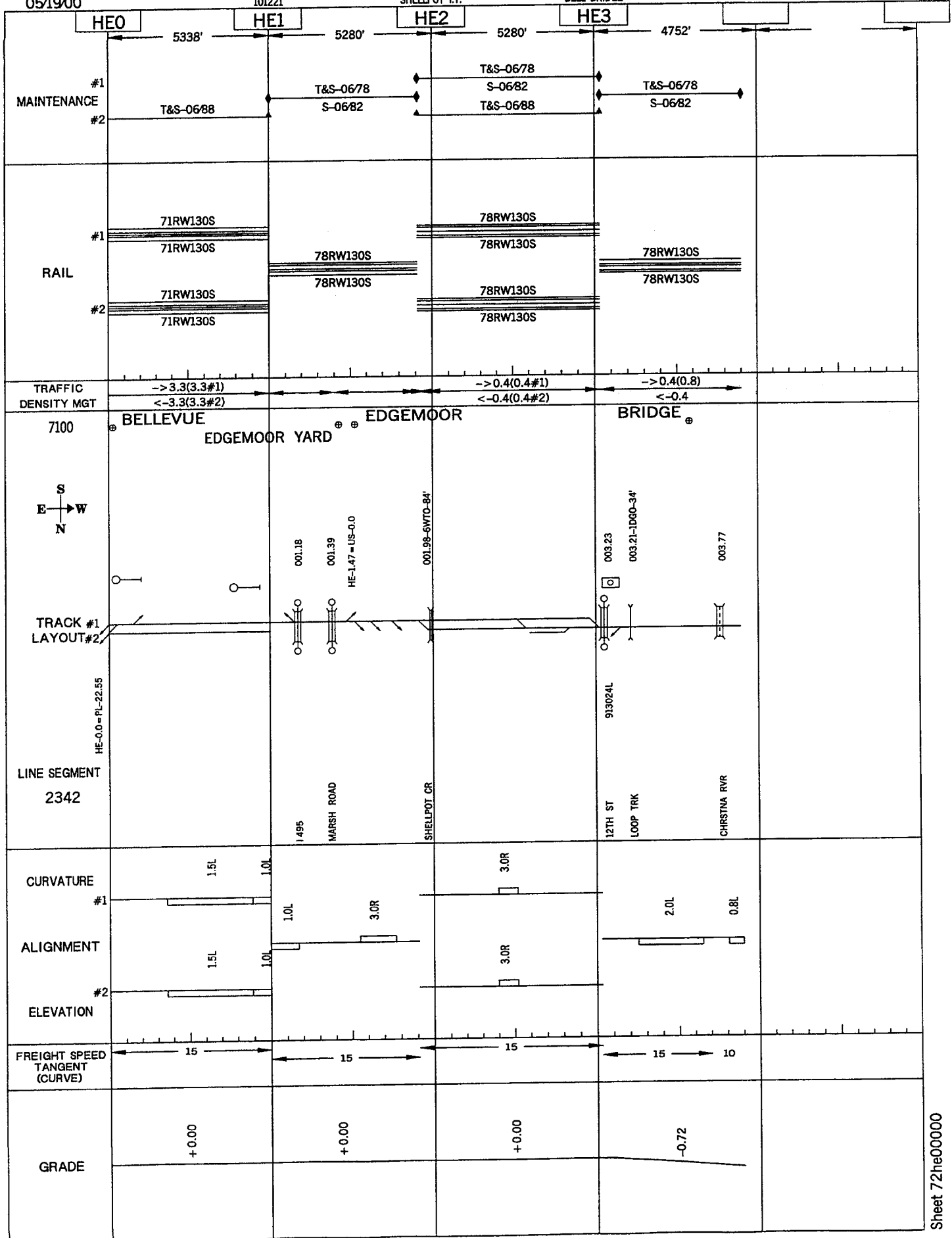
05/19/00

101221

SHELLPOT I.T.

BELL-BRIDGE

HARRISBURG



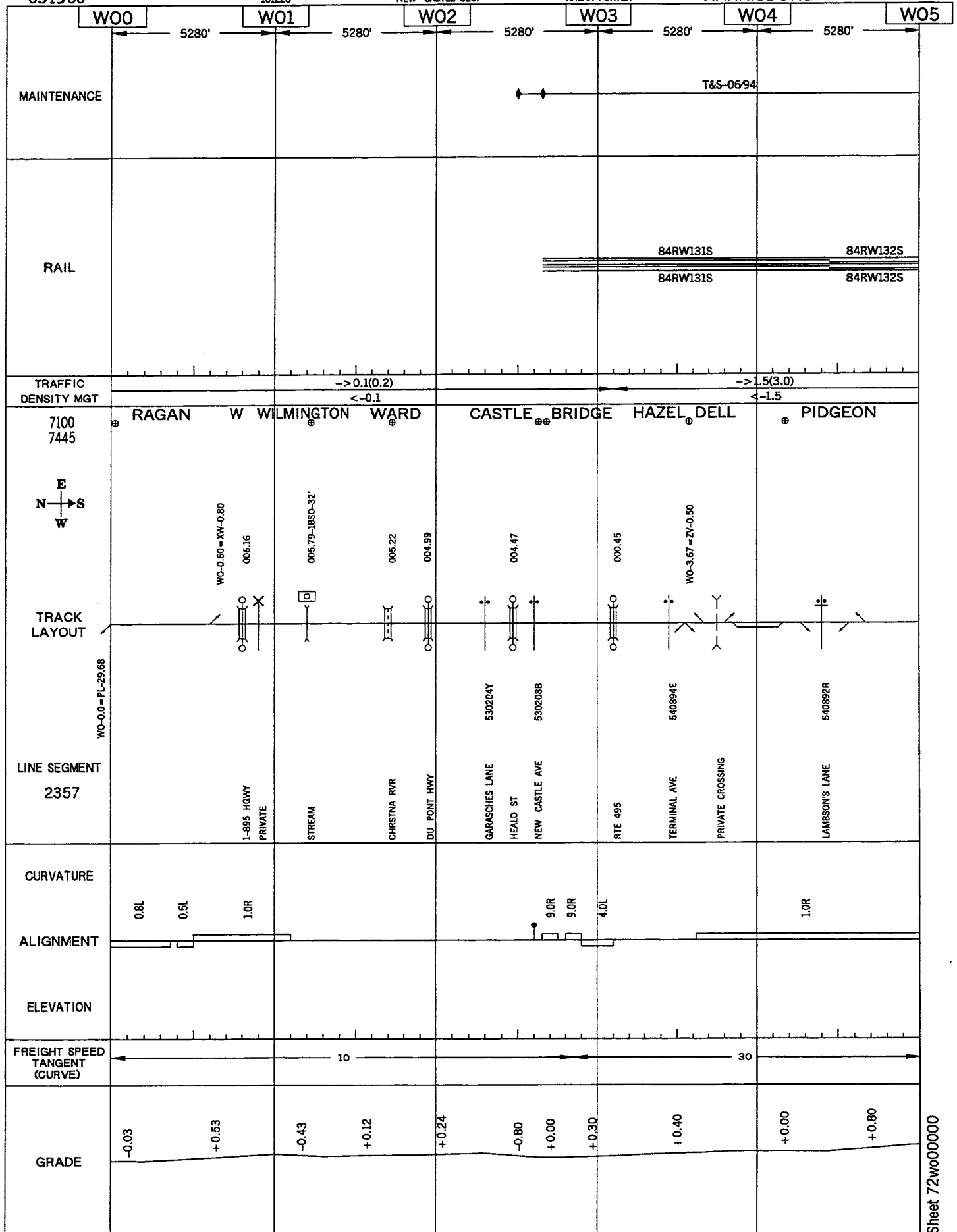
051900

101228

NEW CASTLE SEC.

RAGAN-PORTER

HARRISBURG



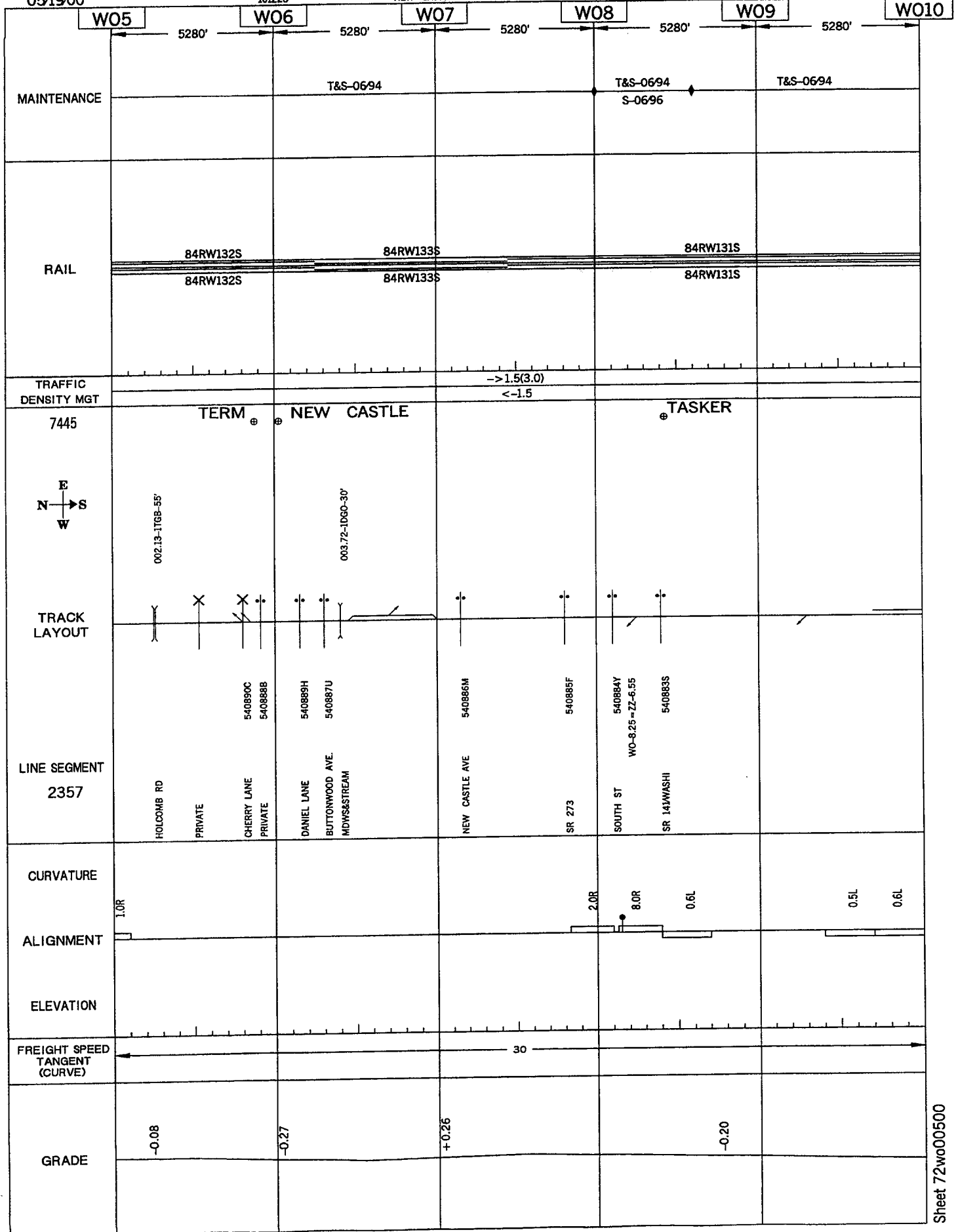
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101228

NEW CASTLE SEC.

RAGAN-PORTER

HARRISBURG



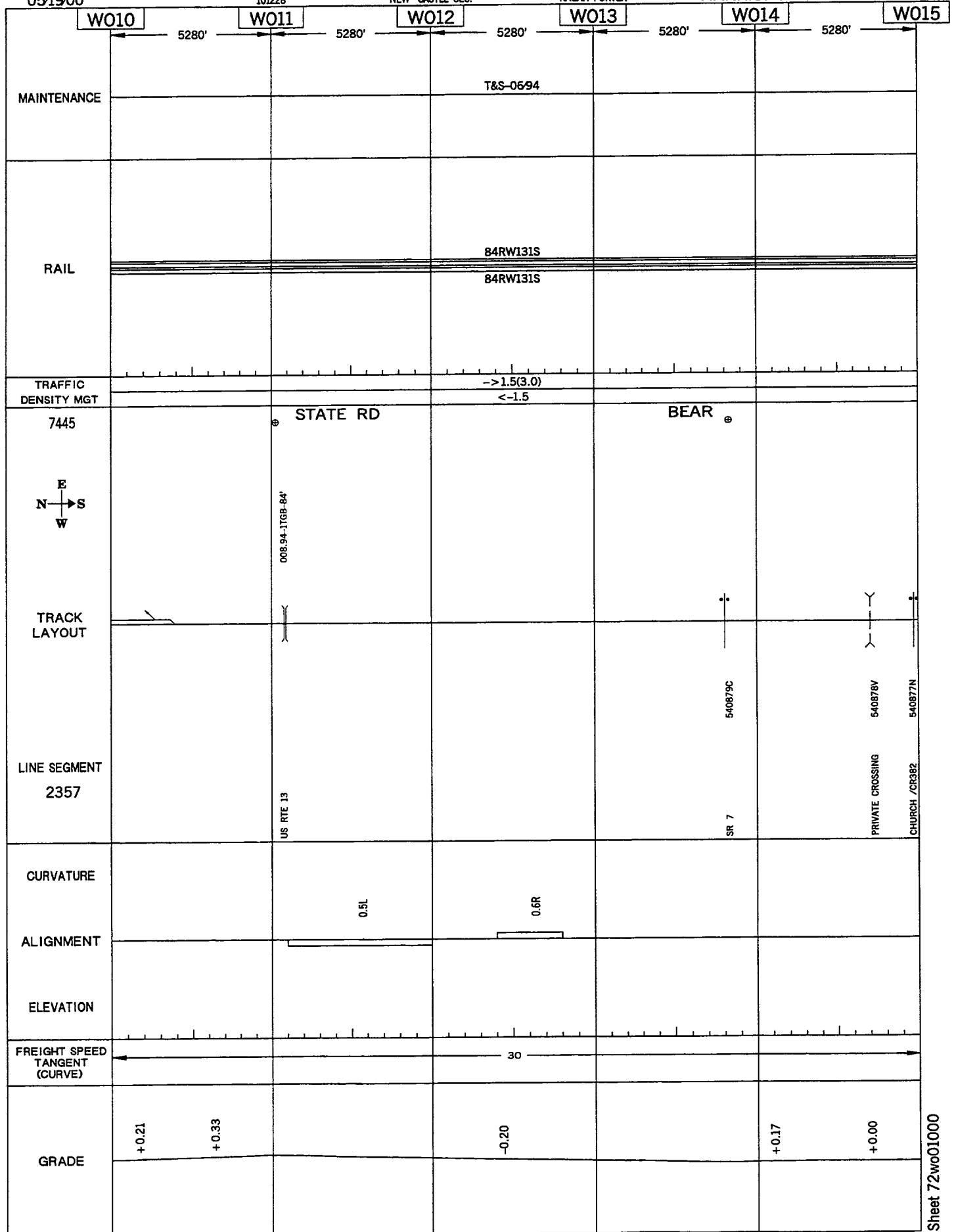
051900

101228

NEW CASTLE SEC.

RAGAN-PORTER

HARRISBURG



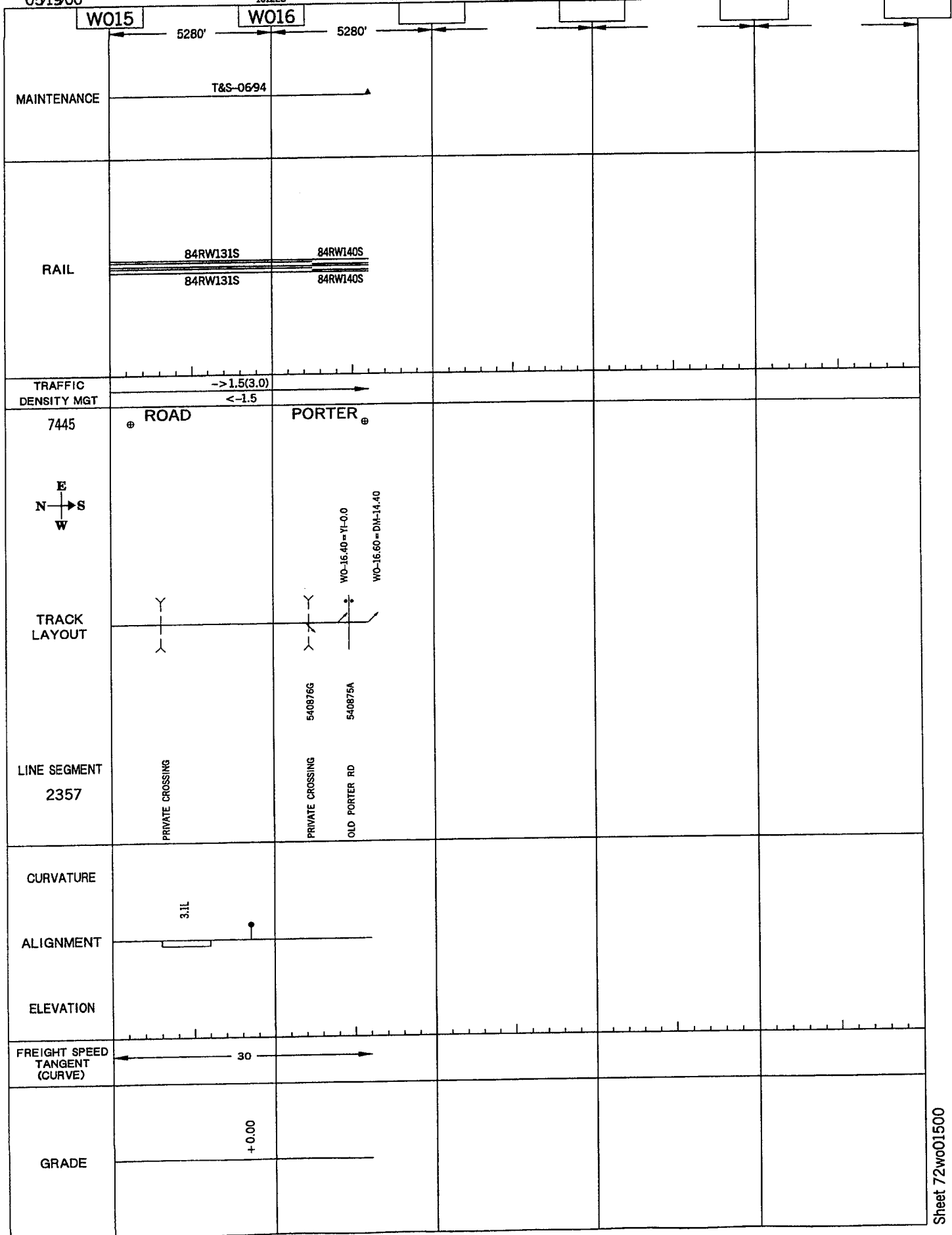
05/19/00

101228

NEW CASTLE SEC.

RAGAN-PORTER

HARRISBURG




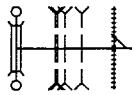

051900

101229

BATTERY I.T.

NEW CASTLE

HARRISBURG

		ZZ6	5280'	ZZ7			
MAINTENANCE							
RAIL		20NJ130S 20NJ130S					
TRAFFIC DENSITY MGT							
7445		TASKER	NEW	CASTLE			
							
TRACK LAYOUT							
LINE SEGMENT 2918		006.10 913033K 913033S 913035Y 913035F RTE 273 9TH ST (WEST) SOUTH ST (EAST) 7TH ST PR 090 ZZ-6.55=WO-8.25					
CURVATURE							
ALIGNMENT							
ELEVATION							
FREIGHT SPEED TANGENT (CURVE)		10					
GRADE		-0.32					

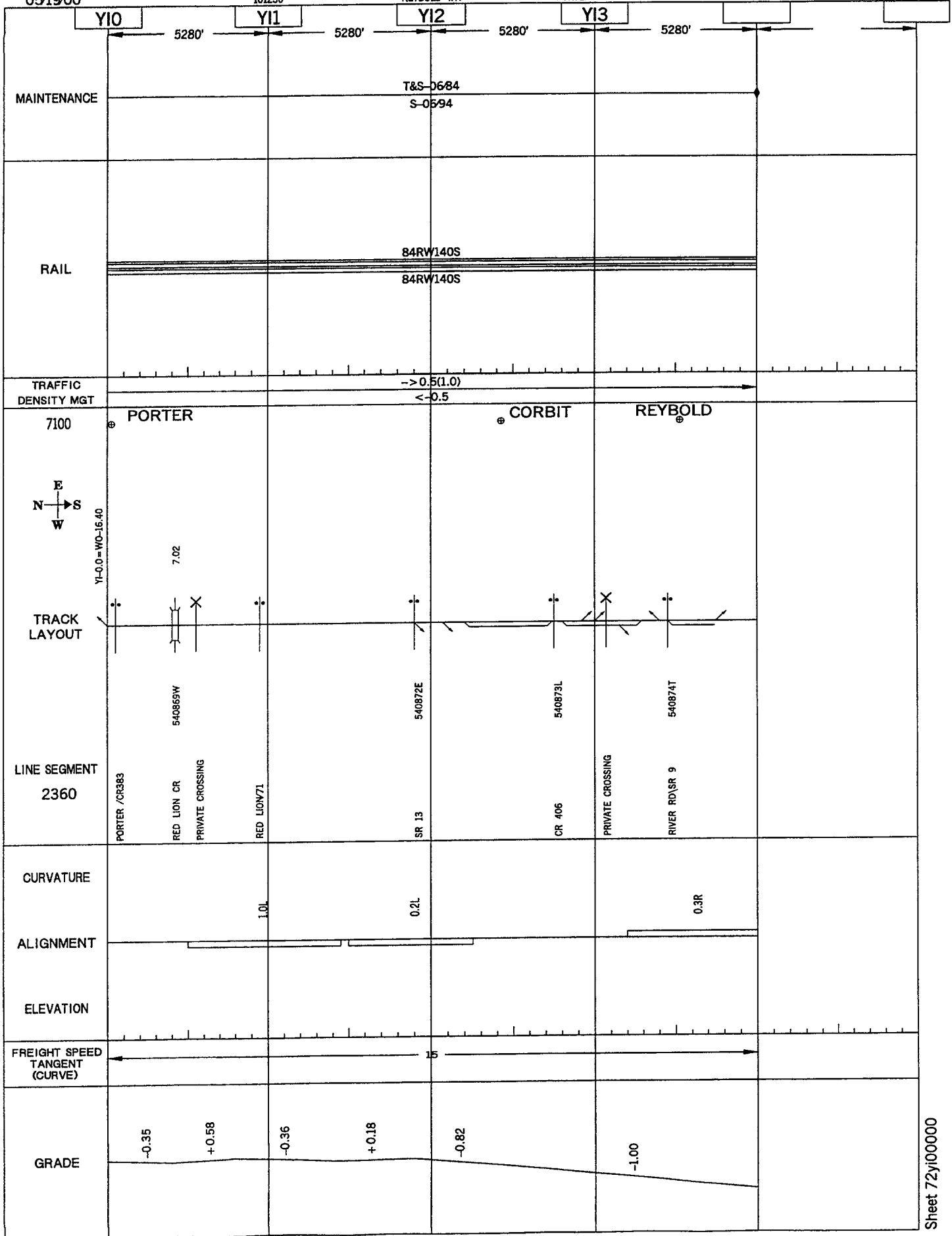
05/19/00

101230

REYBOLD I.T.

PORTER-REYBOLD

HARRISBURG



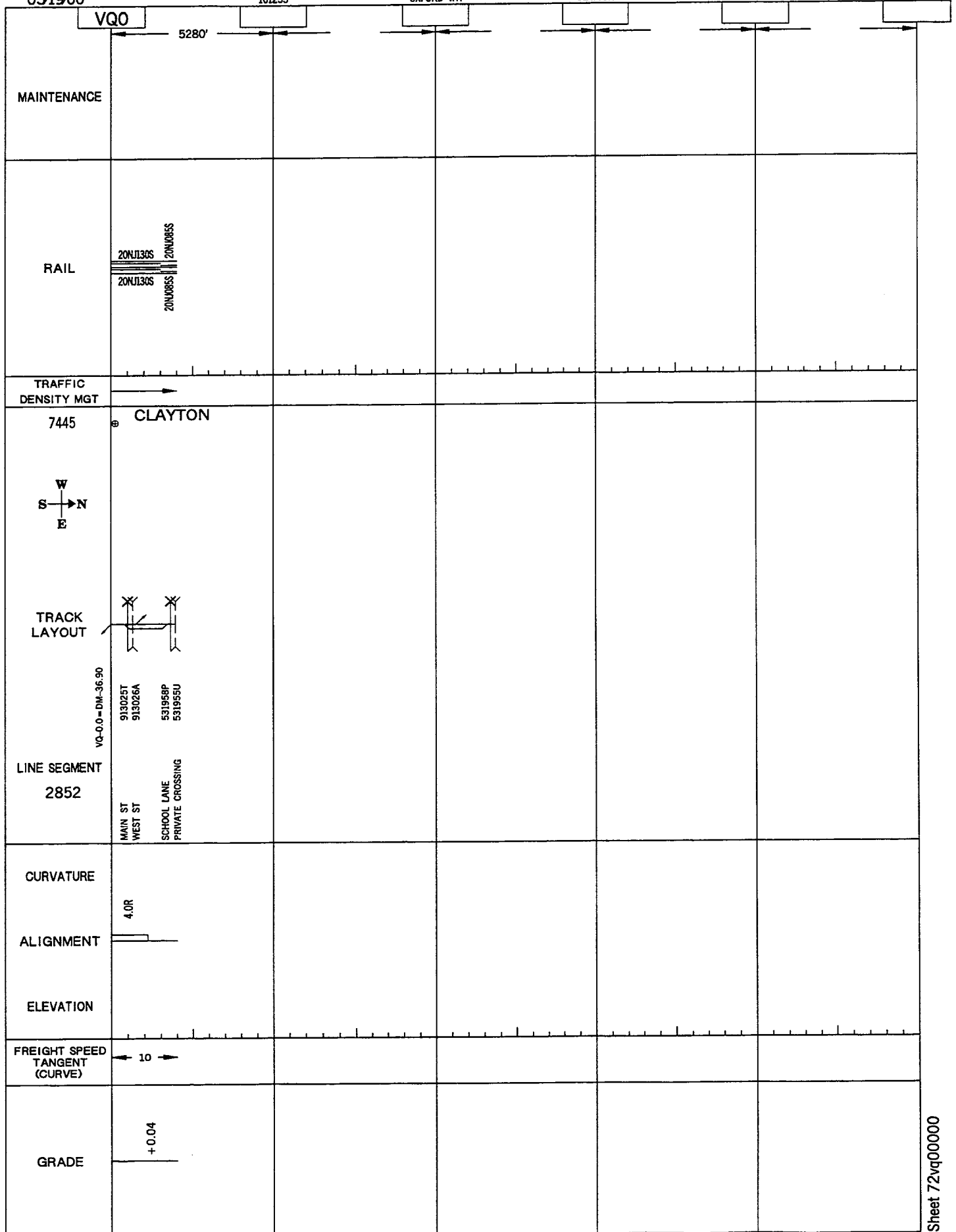
051900

101233

OXFORD I.T.

CLAYTON

HARRISBURG



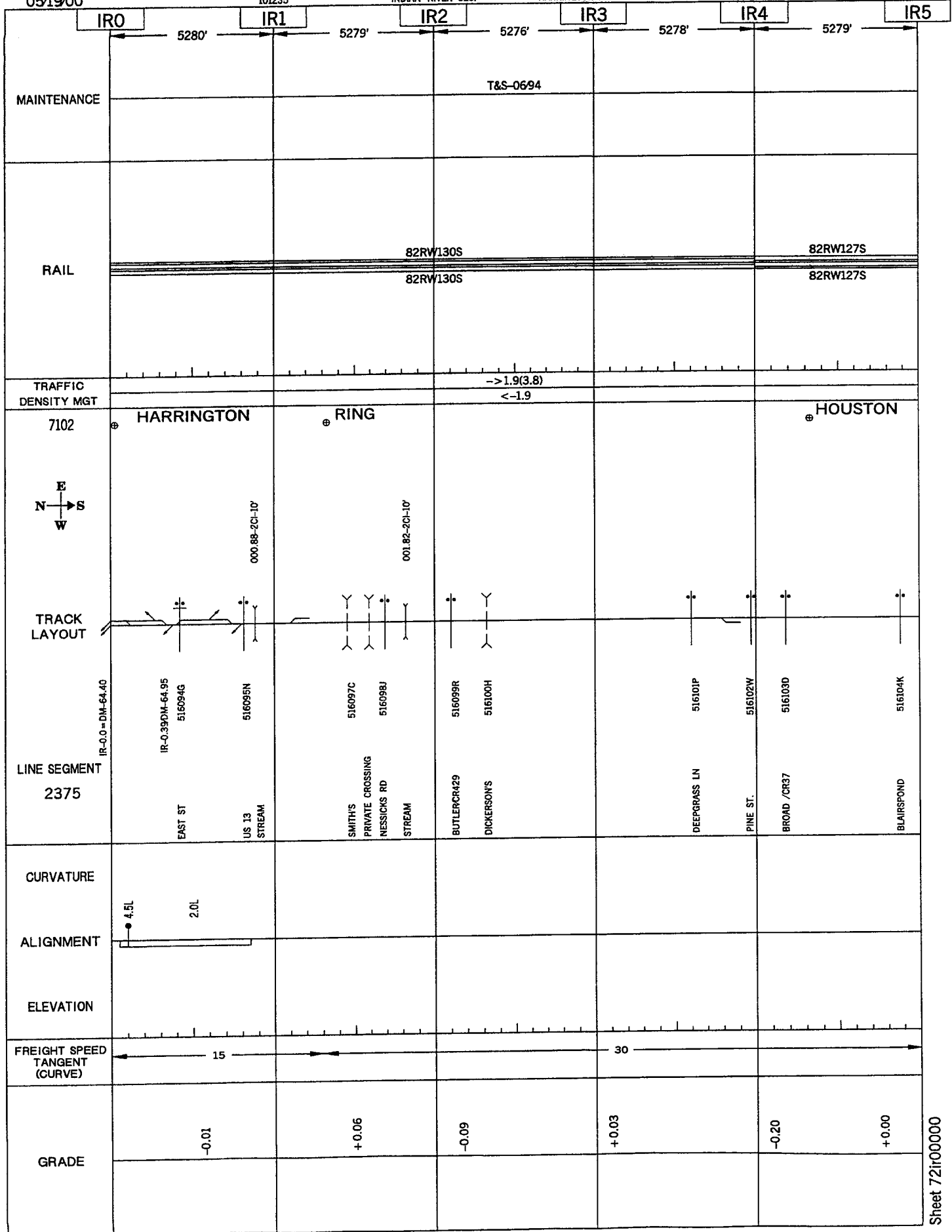
05/19/00

101235

INDIAN RIVER SEC.

HARRINGTON-FRANKFORD

HARRISBURG



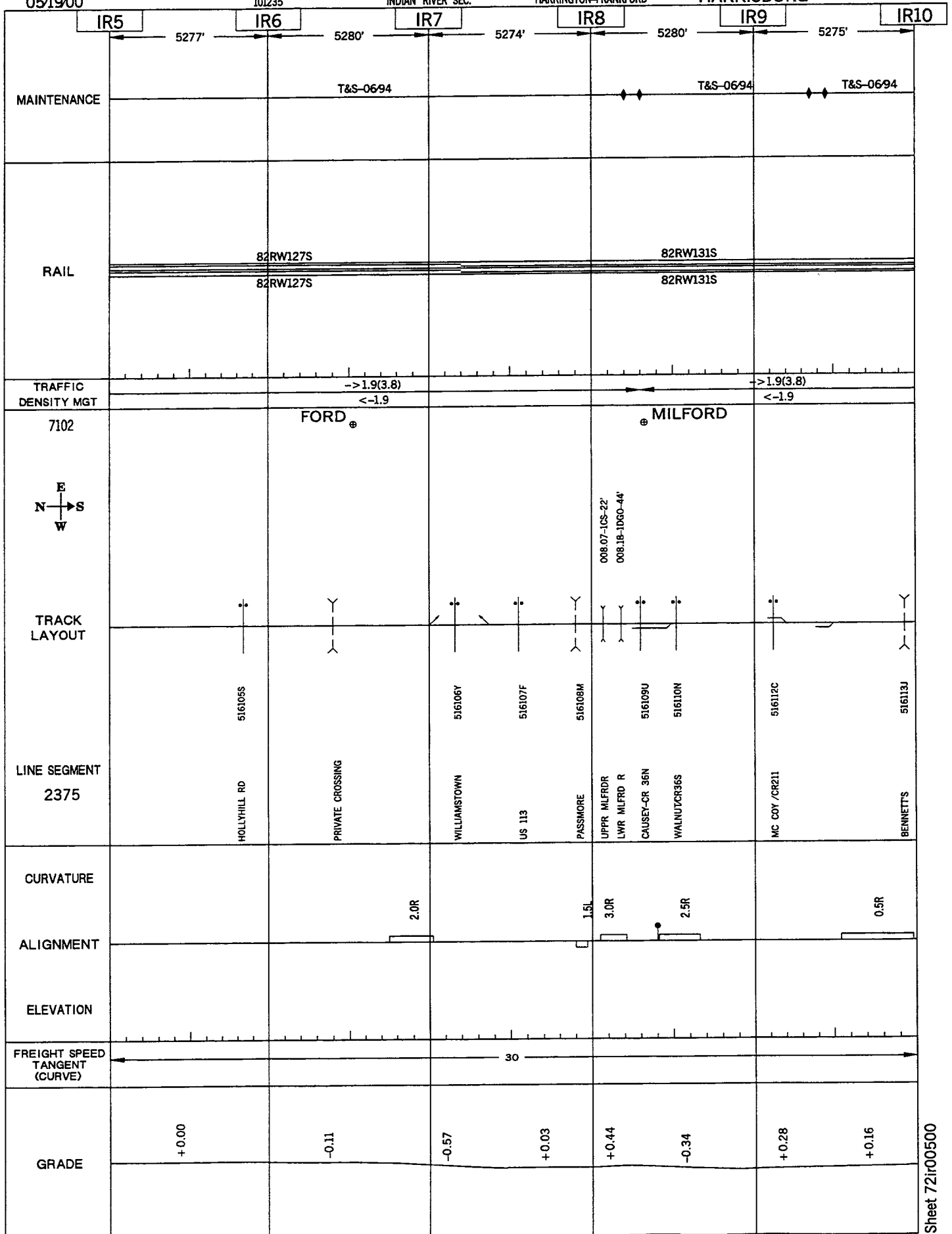
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101235

INDIAN RIVER SEC.

HARRINGTON-FRANKFORD

HARRISBURG



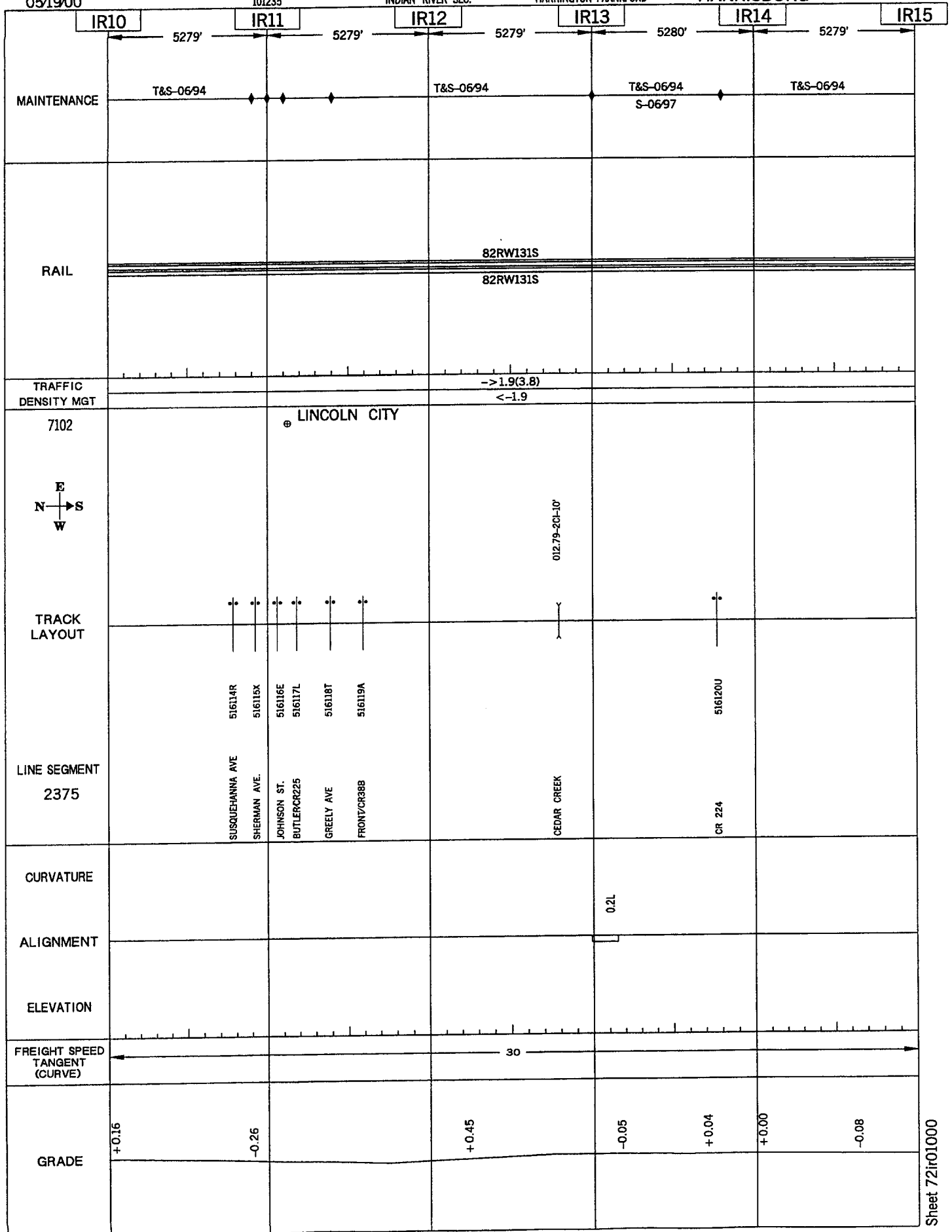
05/19/00

101235

INDIAN RIVER SEC.

HARRINGTON-FRANKFORD

HARRISBURG



051900

101235

INDIAN RIVER SEC.

HARRINGTON-FRANKFORD

HARRISBURG

	IR15	IR16	IR17	IR18	IR19	IR20
	5279'	5277'	5278'	5278'	5279'	
MAINTENANCE	T&S-0694 S-0697	T&S-0694		T&S-0689	T&S-0689 S-0697	
RAIL	82RW131S 97RW127S 82RW131S 97RW127S	82RW131S 82RW131S		82RW127S 82RW127S		
TRAFFIC DENSITY MGT			->1.9(3.8) <-1.9			
7102	ELLENDALE			ROBBINS		
TRACK LAYOUT						
LINE SEGMENT 2375						
CURVATURE						2.0L
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE		-0.08	+0.00	-0.05	+0.09	-0.01 +0.07

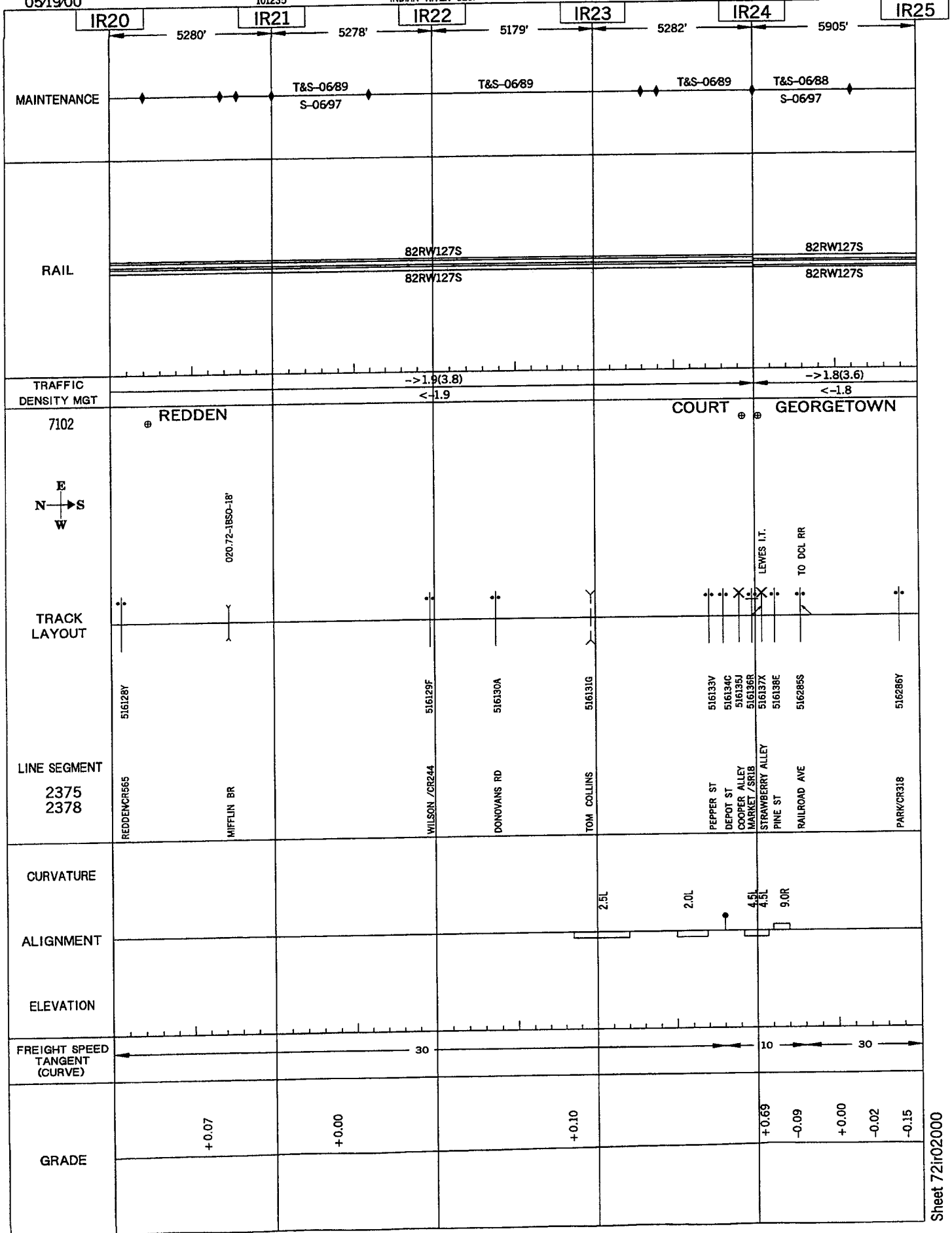
05/19/00

101235

INDIAN RIVER SEC.

HARRINGTON-FRANKFORD

HARRISBURG




05/19/00

101236

INDIAN RIVER SEC.

HARRINGTON-FRANKFORD

HARRISBURG

	IR25	IR26	IR27	IR28	IR29	IR30
	5277'	5278'	5277'	5279'	5278'	
MAINTENANCE			T&S-0688			
RAIL			82RW127S			
			82RW127S			
TRAFFIC DENSITY MGT			->1.8(3.6) <-1.8			
7102	COURT			STOCKLEY		
						
TRACK LAYOUT						
LINE SEGMENT 2378		WOOD BRANCH WOOD BRANCH	MARVEL	ZOAR/CR488	STOCKLEY ANDRSN BRNC	COW BRIDGE
CURVATURE						
ALIGNMENT						0.5L
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE	-0.15 +0.05	-0.15 +0.00	-0.07	-0.37 +0.10 -0.04	+0.12	-0.31

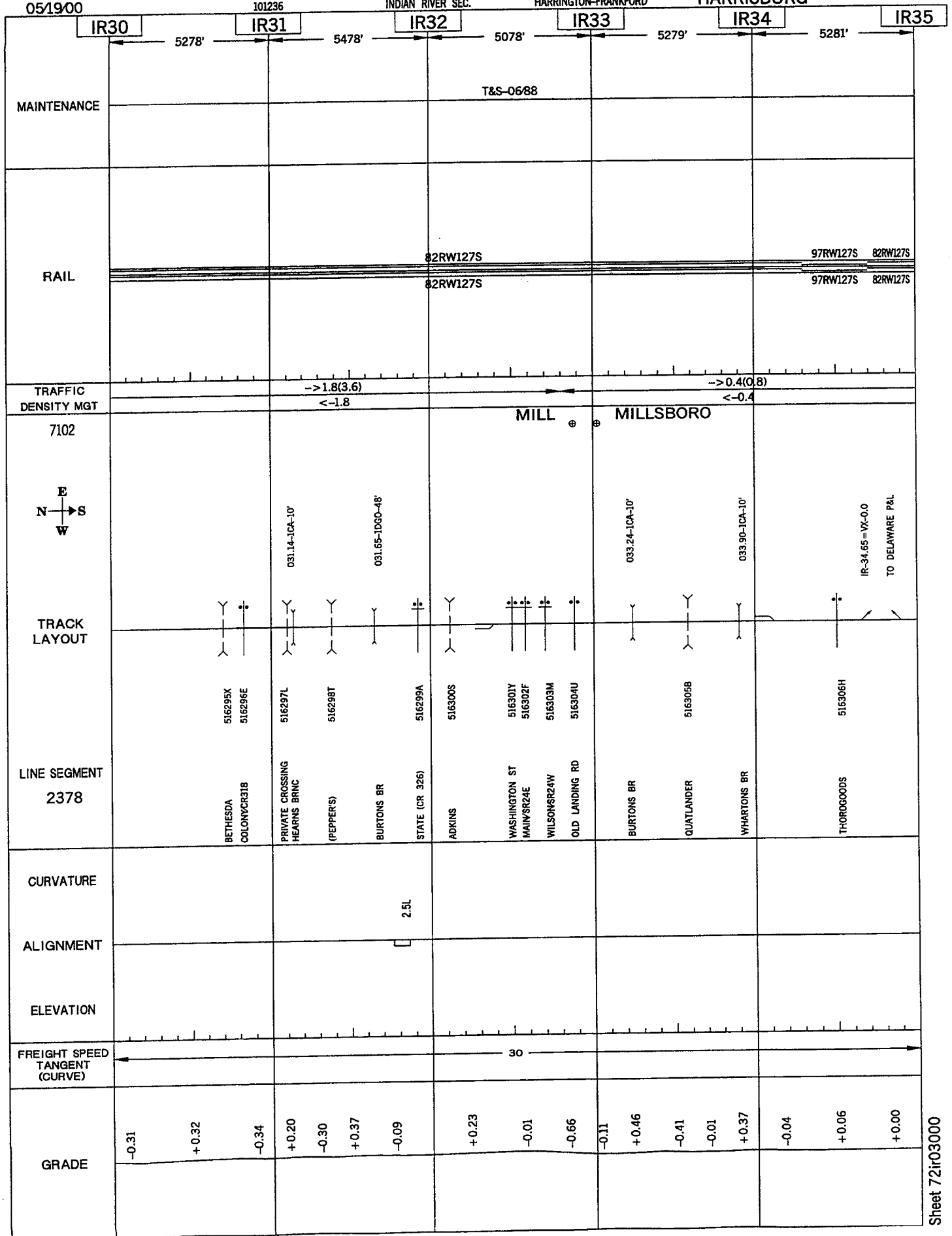
05/19/00

101236

INDIAN RIVER SEC.

HARRINGTON-FRANKFORD

HARRISBURG



Sheet 72ir03500

05/19/00

101239

MARDELLA I.T.

SALISBURY-PERDUE SIDING

HARRISBURG

MW42

MW43

MW44

MW45

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7575



TRACK
LAYOUT

LINE SEGMENT
2555

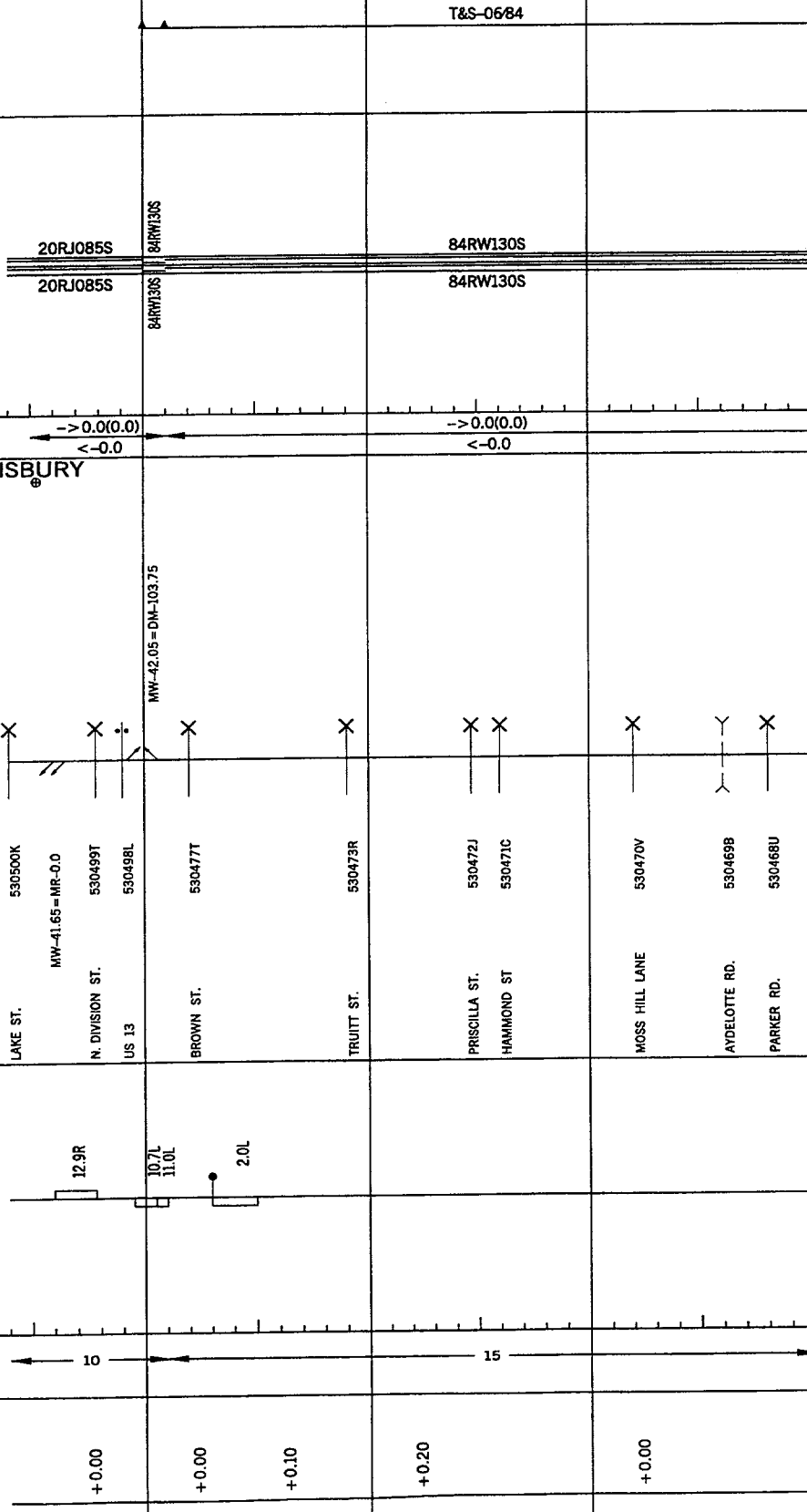
CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE



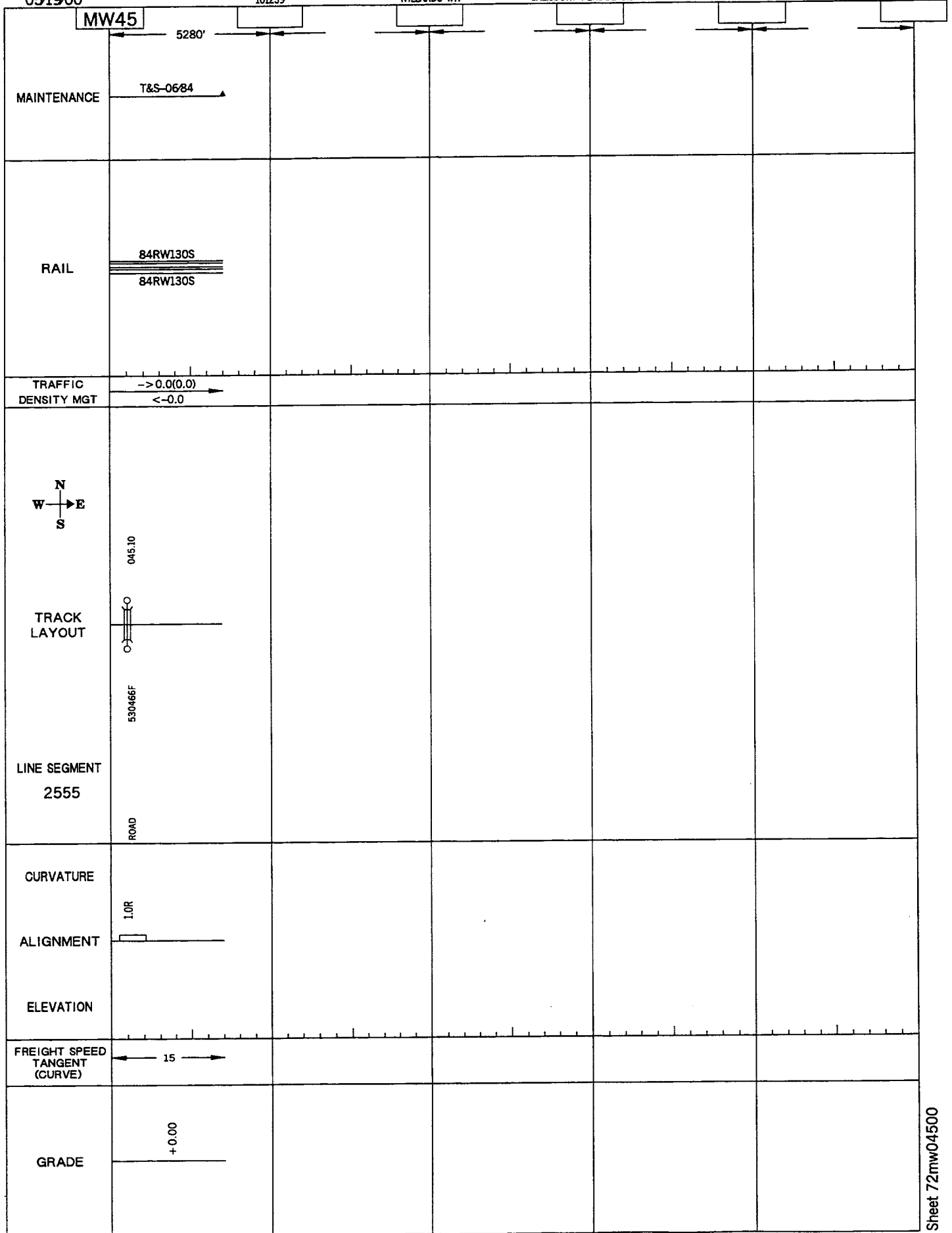
05/19/00

101239

WILLARDS I.T.

SALISBURY-PERDUE SIDING

HARRISBURG



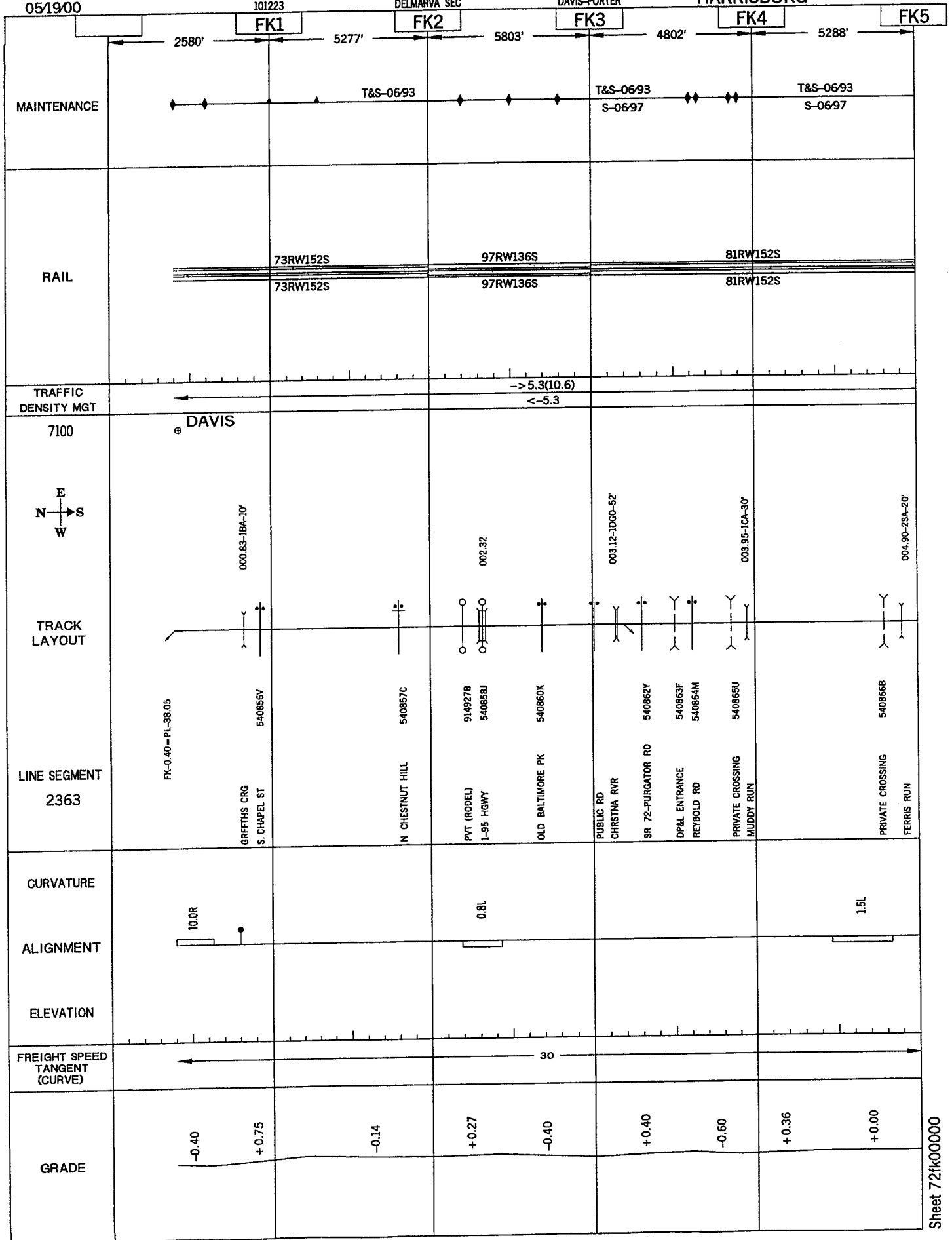
05/19/00

101223

DELMARVA SEC

DAVIS-PORTER

HARRISBURG



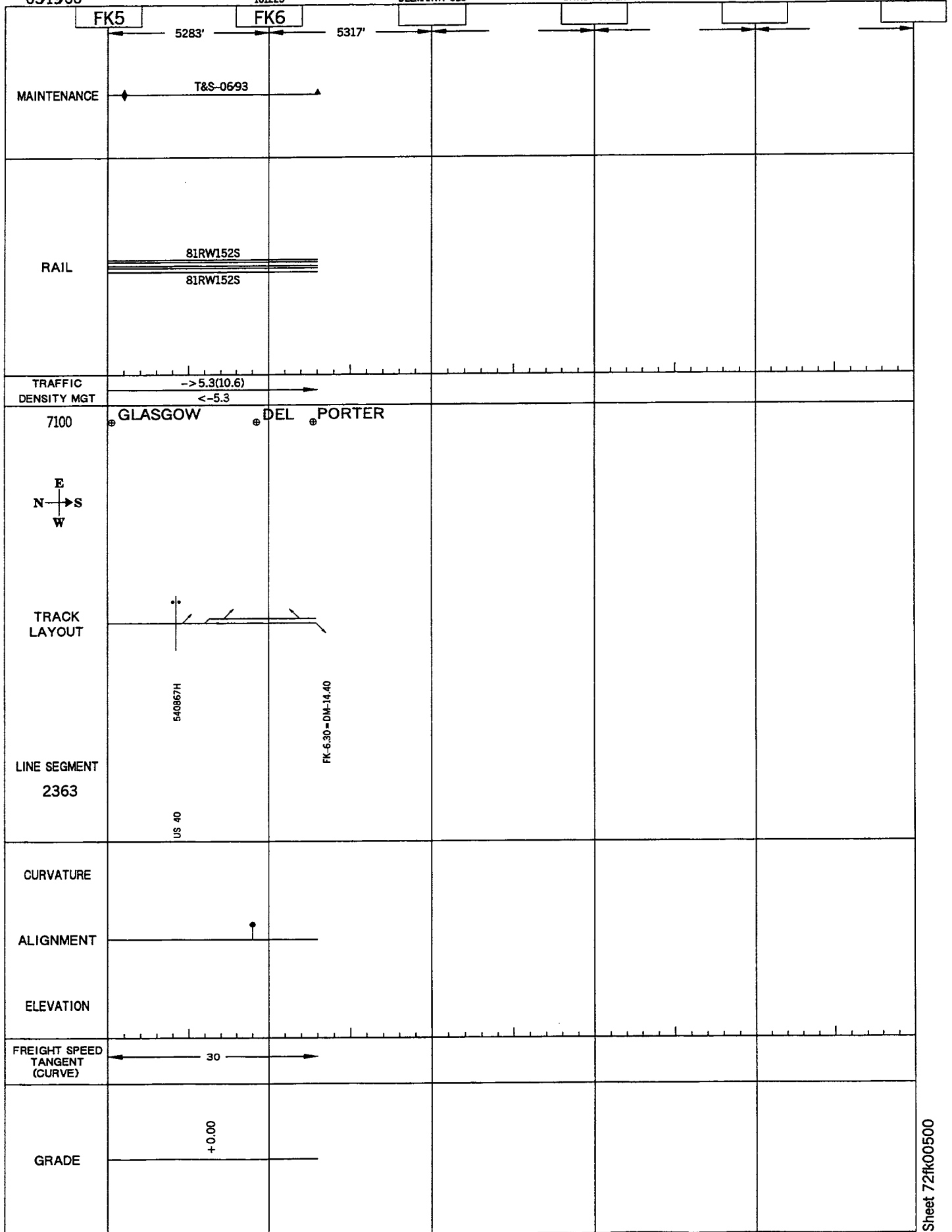
051900

101223

DELMARVA SEC

DAVIS-PORTER

HARRISBURG



255

05/19/00

101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG

DM15

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7445



TRACK
LAYOUT

LINE SEGMENT
2366

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

2349'

84RW130S
84RW130S

DM-14.40=WC-16.60

DM-14.40=FK-6.30



40

-0.03
+0.00


05/19/00

101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG

	DM15	DM16	DM17	DM18	DM19	DM20
	5280'	5275'	5560'	5000'	5279'	
MAINTENANCE			T&S-0693			
RAIL	84RW130S 84RW130S	97RW127S 97RW127S	84RW130S 84RW130S	84RW131S 84RW131S		
TRAFFIC DENSITY MGT			-> 3.9(7.8) <- 3.9			
7445		KIRKWOOD		CANAL		
						
TRACK LAYOUT	531602G 531604V 531603N	531605C 531606J				
LINE SEGMENT 2366	WRANGLE HILL RD	SR 71 ROAD	KIRK/SR71 PRIVATE CROSSING	C&D CANAL	LONEWOOD GROVE	LOREWOOD GROVE RD
CURVATURE						
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			40			
GRADE	+0.00 +0.21	-0.43	+0.17	+0.07	+0.40	

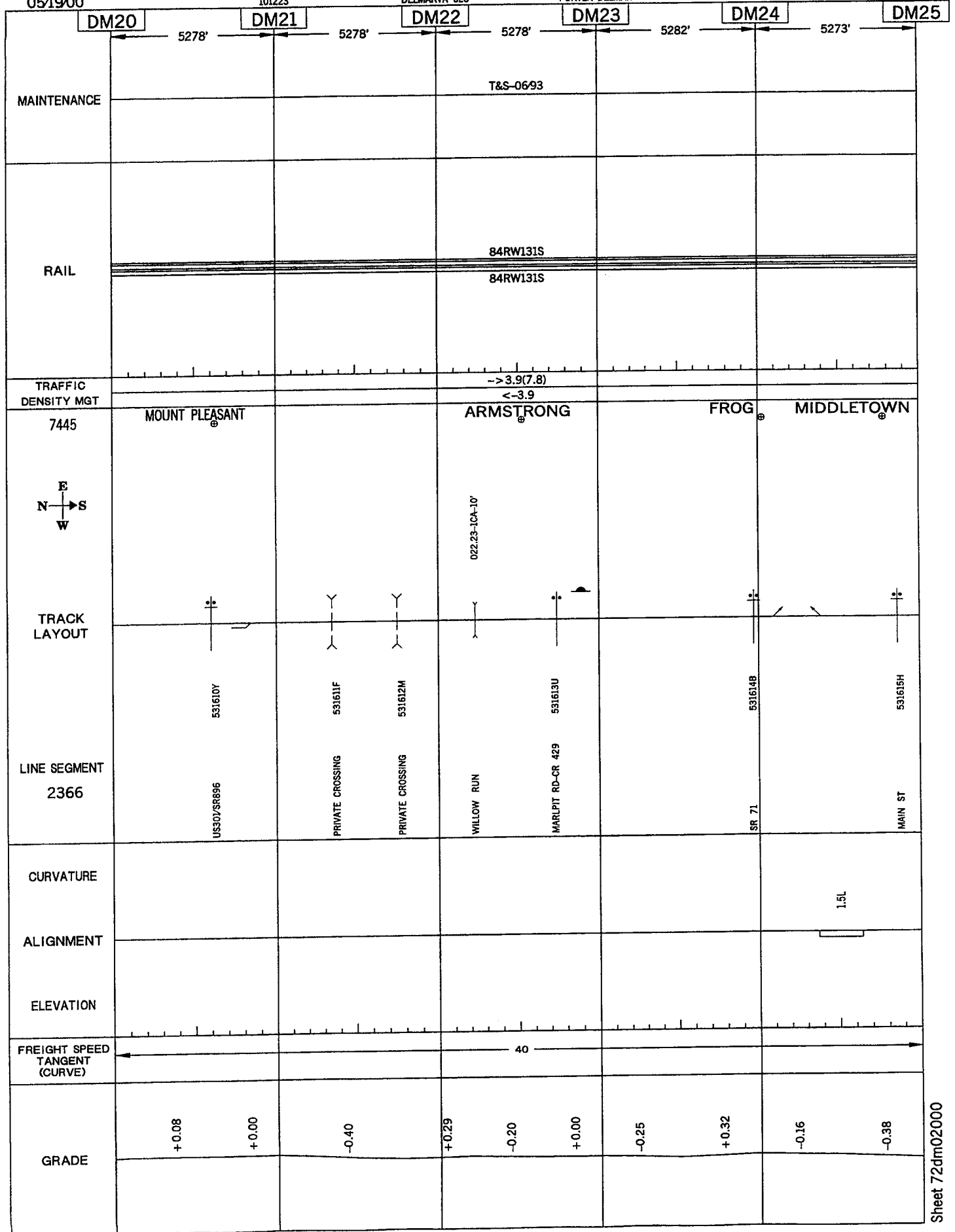
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101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG



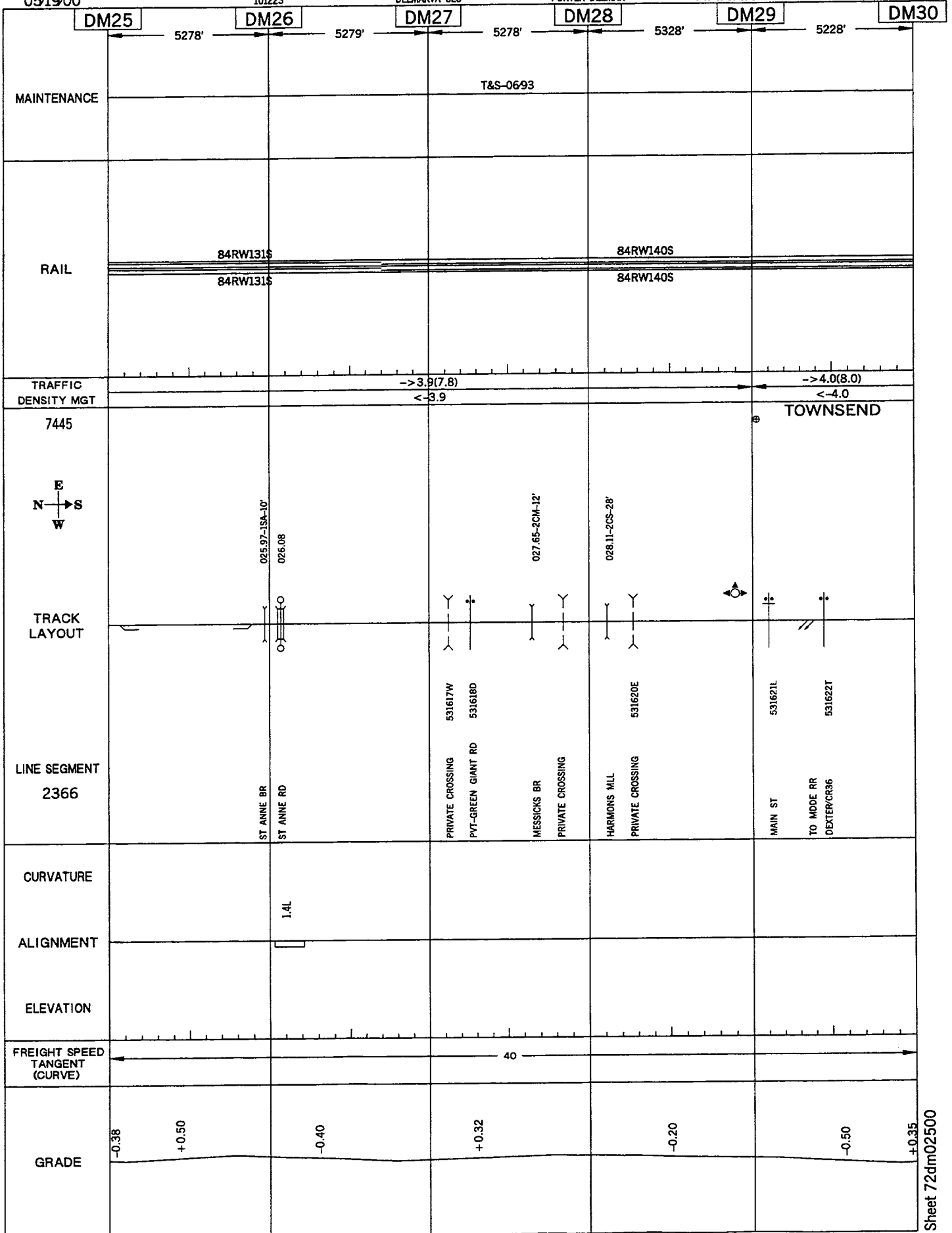
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DELMARVA SEC

PORTER-DELMAR

HARRISBURG




05/19/00

101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG

	DM30	DM31	DM32	DM33	DM34	DM35
	5277'	5280'	5279'	5279'	5282'	
MAINTENANCE	T&S-0693					
RAIL	84RW140S	84RW131S		84RW115S		
	84RW140S	84RW131S		84RW115S		
TRAFFIC DENSITY MGT			-> 4.0(8.0) <- 4.0			
7445						
						
TRACK LAYOUT						
LINE SEGMENT 2366						
CURVATURE						
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			40			
GRADE	+0.35 -0.28	+0.30 -0.24	-0.22	+0.11	-0.29	

051900

101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG

		DM35	DM36	DM37	DM38	DM39	DM40			
		5175'	5137'	5519'	5179'	5349'				
MAINTENANCE		T&S-0693								
RAIL		84RW115S			84RW112S					
		84RW115S			84RW112S					
TRAFFIC DENSITY MGT		-> 4.0(8.0) <- 4.0								
7445	CLAY	CLAYTON								
TRACK LAYOUT	<div><div>E</div><div>N</div><div>W</div><div>S</div></div>	<div><div>036.08-1CA-16'</div><div>037.97-1SA-10'</div></div>								
		<div><div>914901Y</div><div>531938D</div><div>531976M</div><div>DM-36.90-VQ-0.0</div><div>531977U</div><div>531978B</div><div>531979H</div><div>531980C</div></div>								
LINE SEGMENT 2366		PRIVATE CROSSING	PRIVATE CROSSING	DUCK CREEK	N BASSETT ST SR 64MAIN ST SMYRNA AVE	SR 300	SCHL HSE CR	SUNNYSIDE	PRIVATE CROSSING	BRENDFORD RD
CURVATURE										
ALIGNMENT										
ELEVATION										
FREIGHT SPEED TANGENT (CURVE)		40								
GRADE		-0.29	+0.30	+0.00	-0.19	+0.27	+0.04	-0.12	+0.30	

Sheet 72dm03500

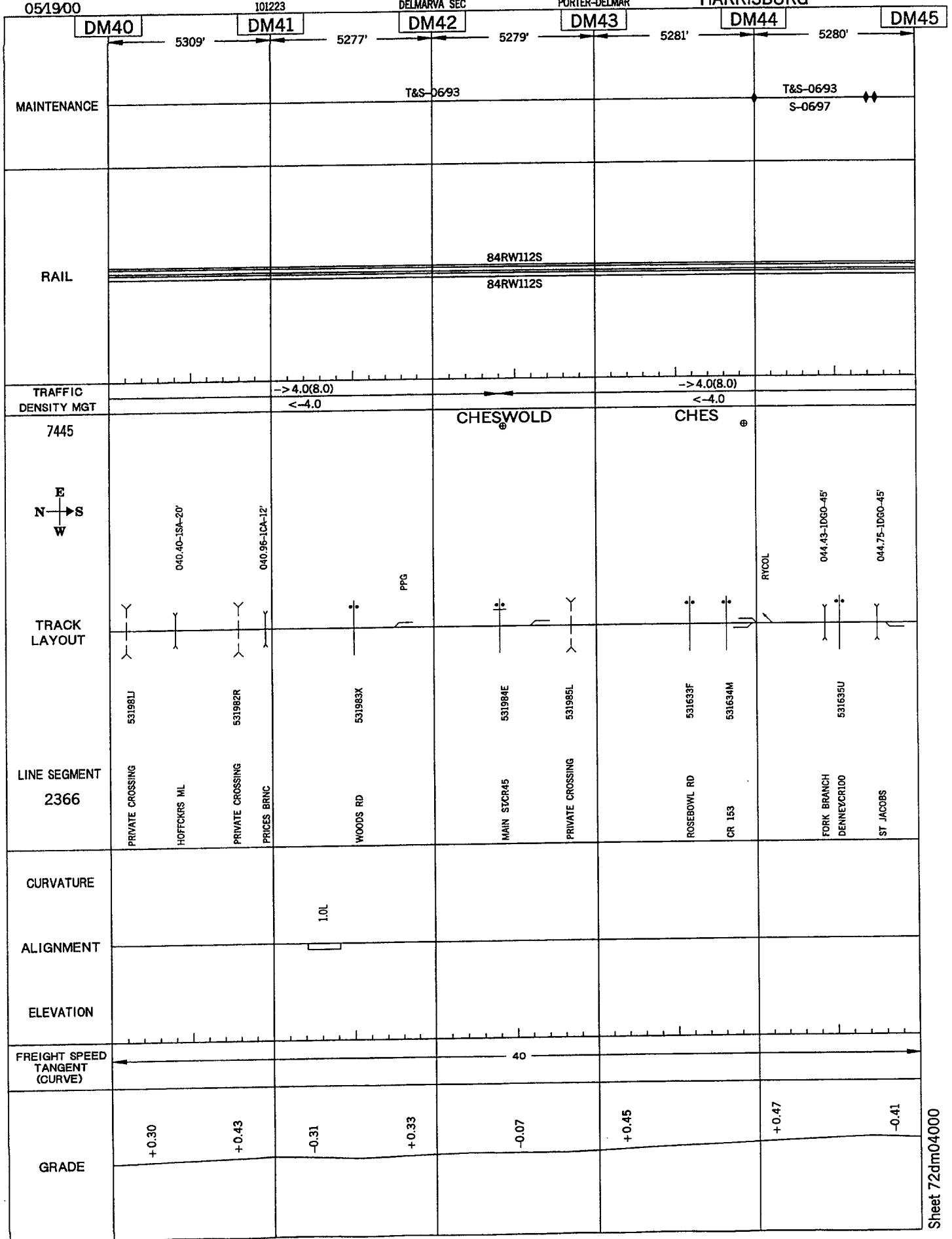
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101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG



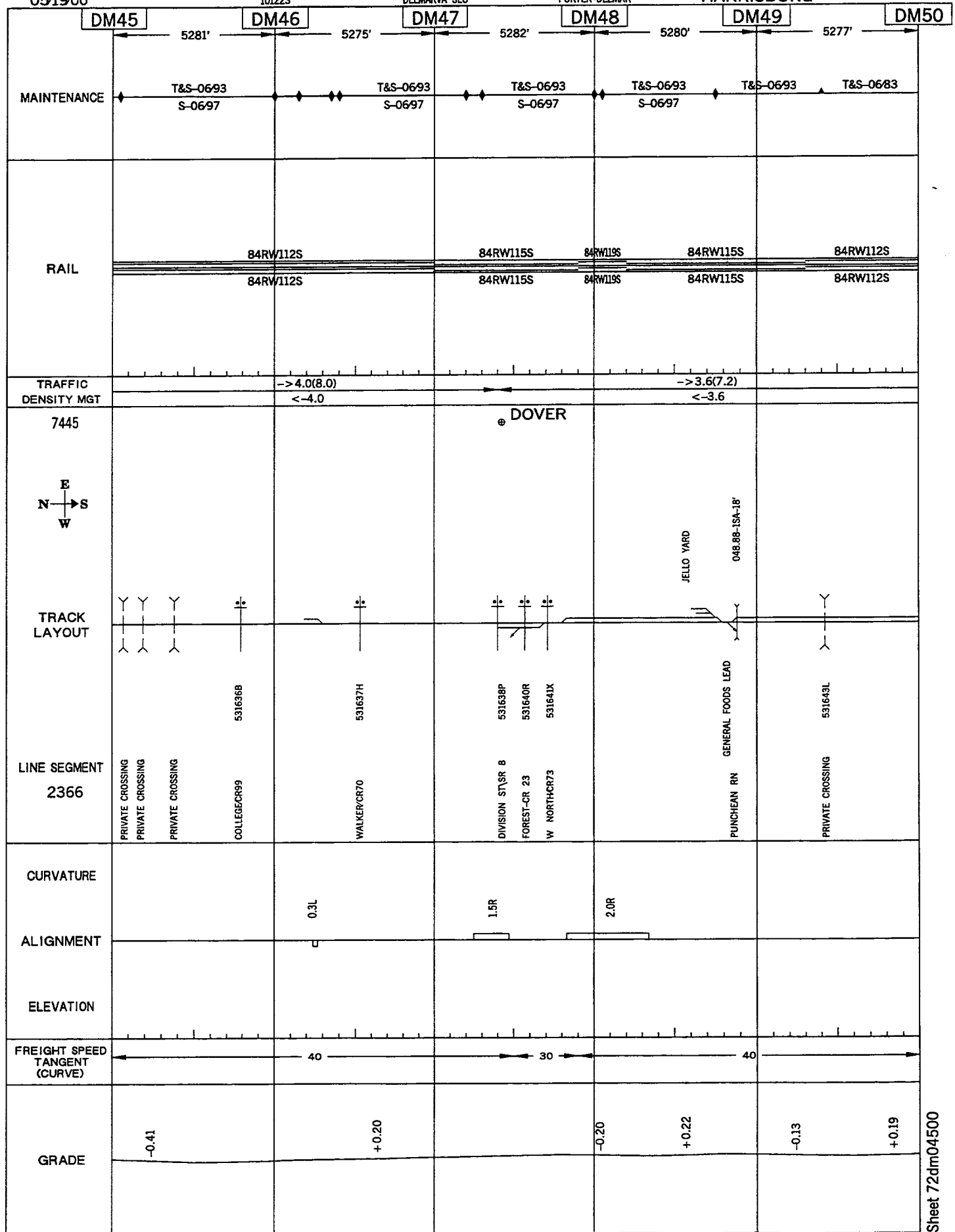
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DELMARVA SEC

PORTER-DELMAR

HARRISBURG



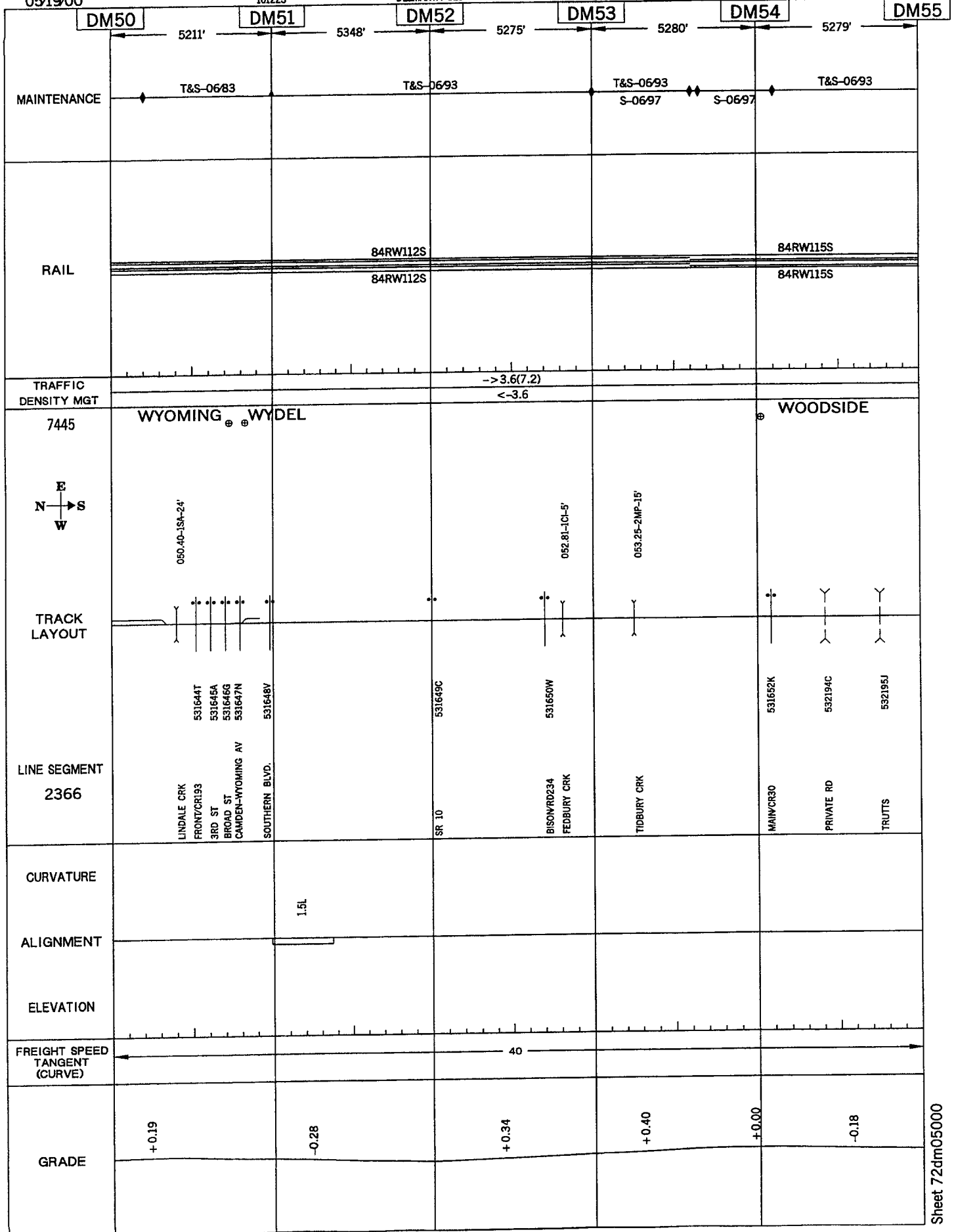
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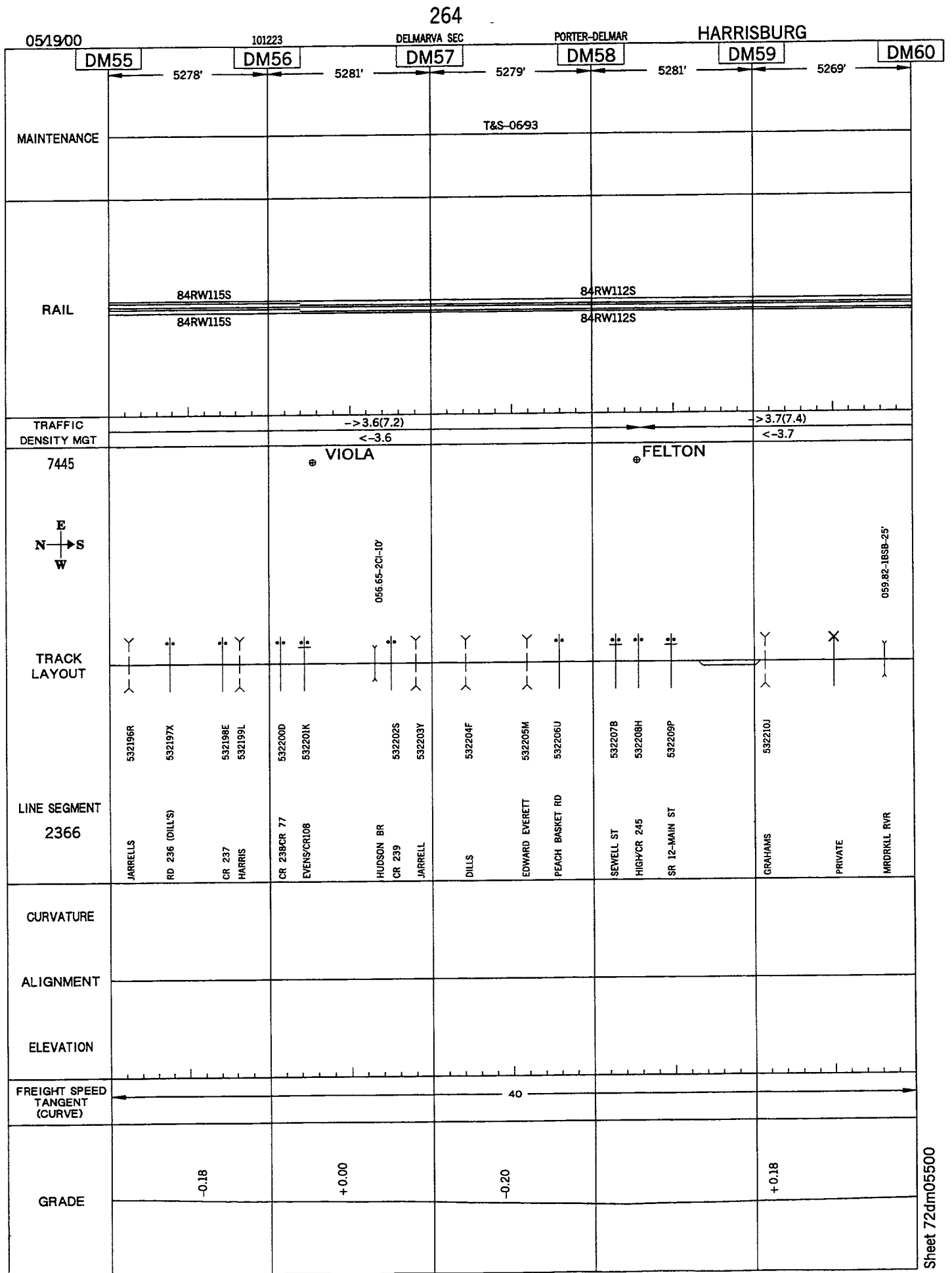
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DELMARVA SEC

PORTER-DELMAR

HARRISBURG





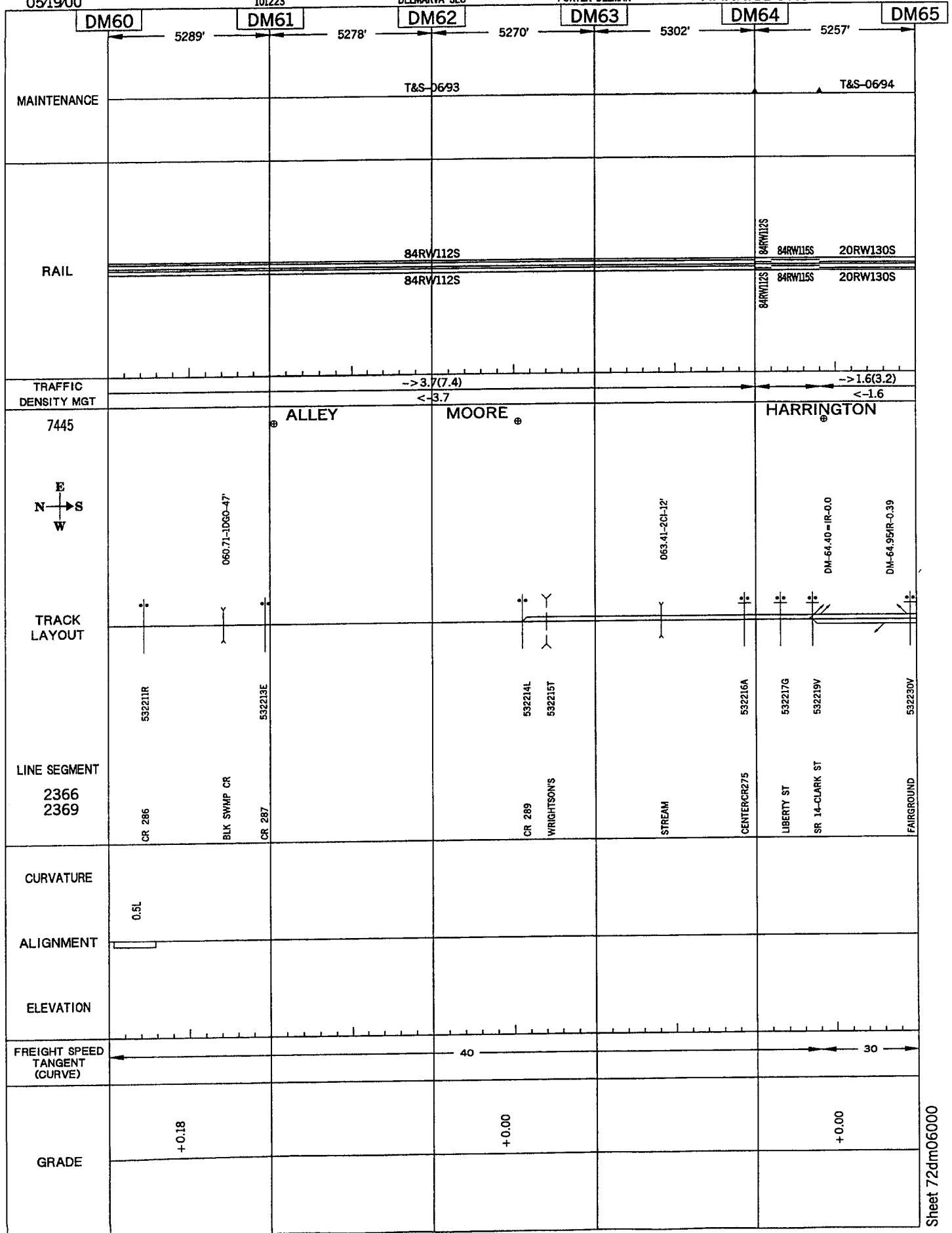
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DELMARVA SEC

PORTER-DELMAR

HARRISBURG



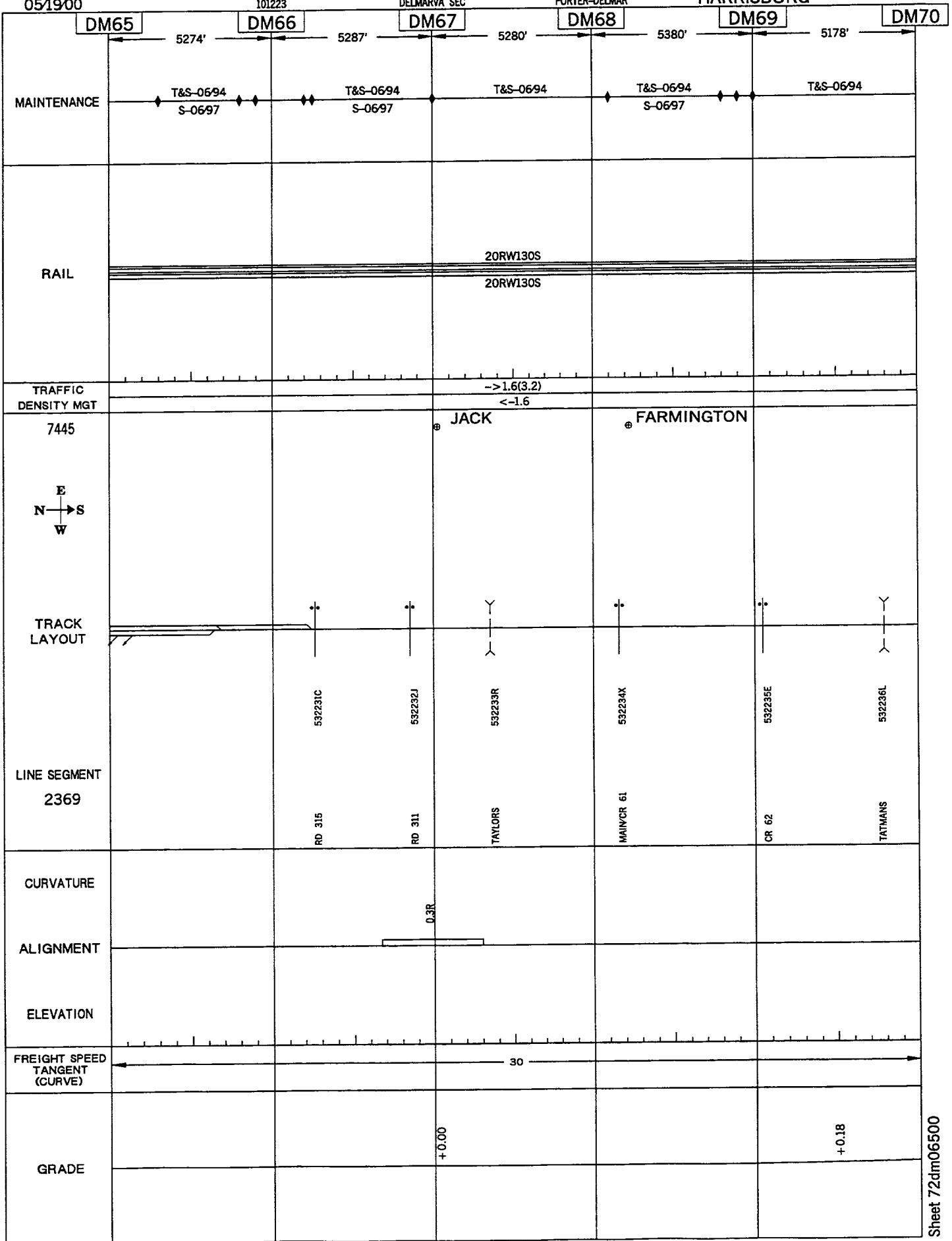
05/19/00

101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG



05/19/00

101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG

	DM70	DM71	DM72	DM73	DM74	DM75
	5280'	5277'	5281'	5279'	5277'	
MAINTENANCE	T&S-0694 S-0697	T&S-0694 S-0697	T&S-0694 S-0697	T&S-0694		
RAIL			20RW130S 20RW130S			
TRAFFIC DENSITY MGT			-> 1.6(3.2) <- 1.6			
7445			GREENWOOD			
<div> <div>E</div> <div>N</div> <div>W</div> <div>S</div> </div>						
TRACK LAYOUT	532237T 532238A	532240B	532241H 532242P	532243W	532244D	
LINE SEGMENT 2369	SMITH JAMES	CR 589A	MARKET-SR 16 GOVERNOR AVE	CR 583N	WILLINS	
CURVATURE						
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE			+0.18			

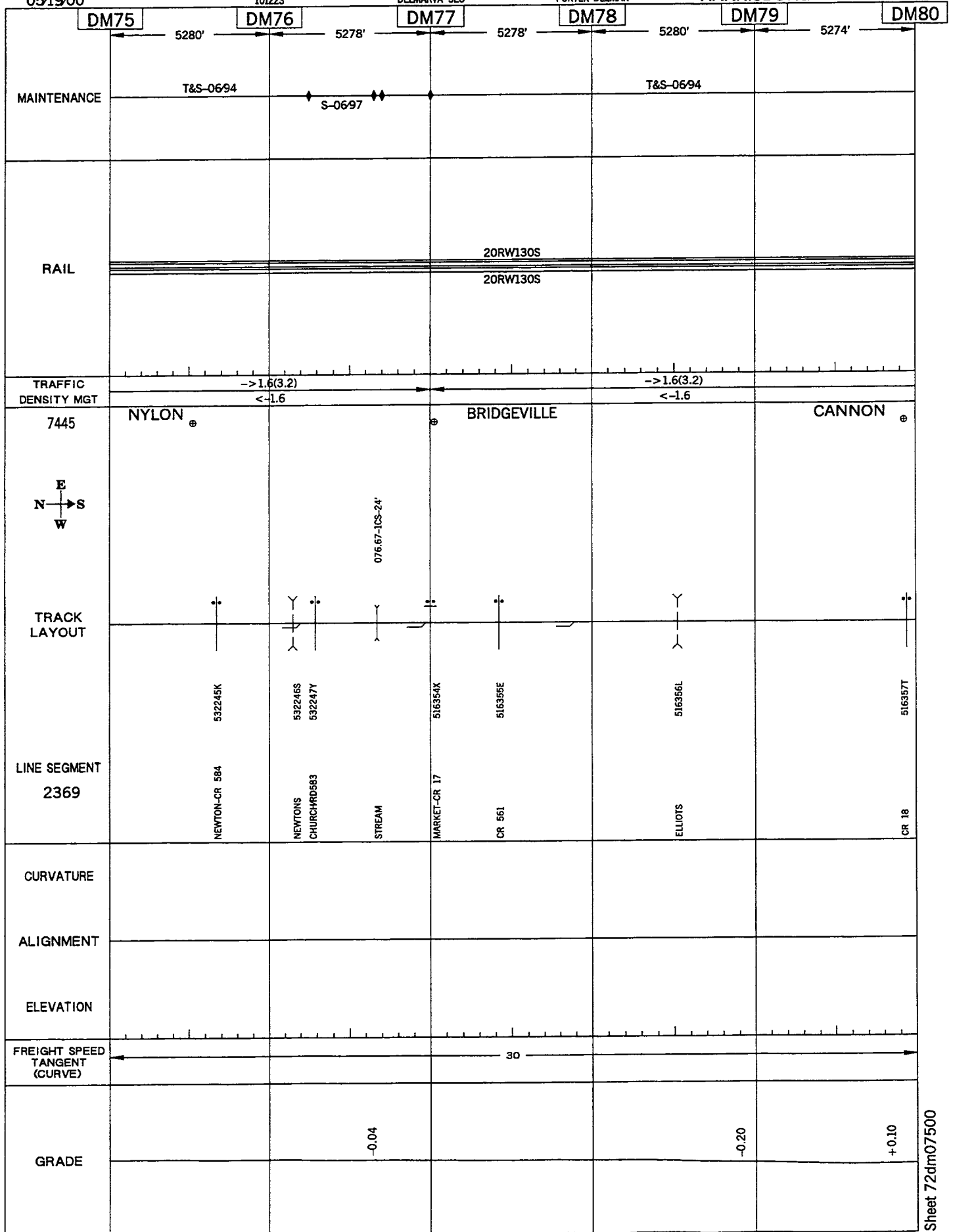
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DELMARVA SEC

PORTER-DELMAR

HARRISBURG



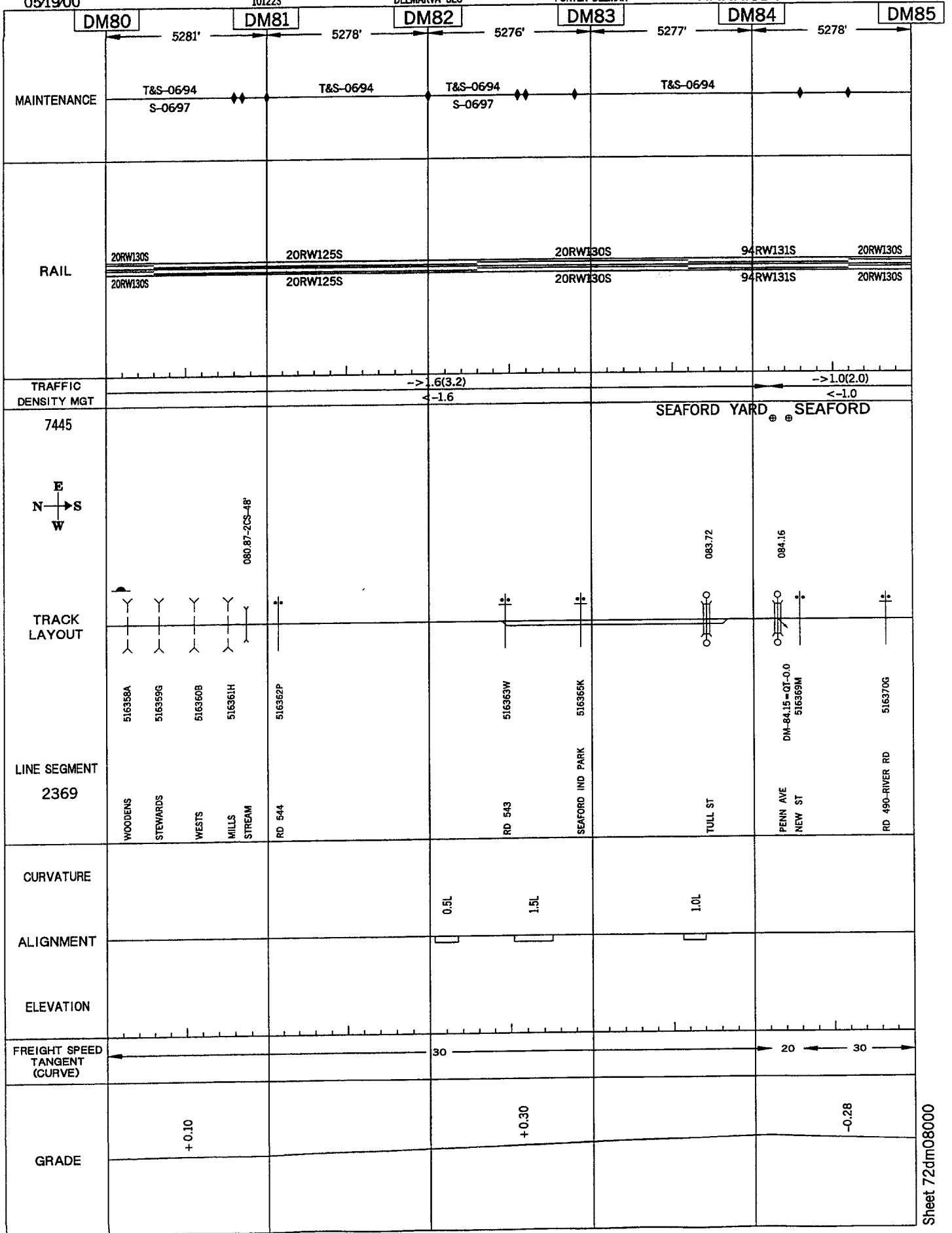
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DELMARVA SEC

PORTER-DELMAR

HARRISBURG



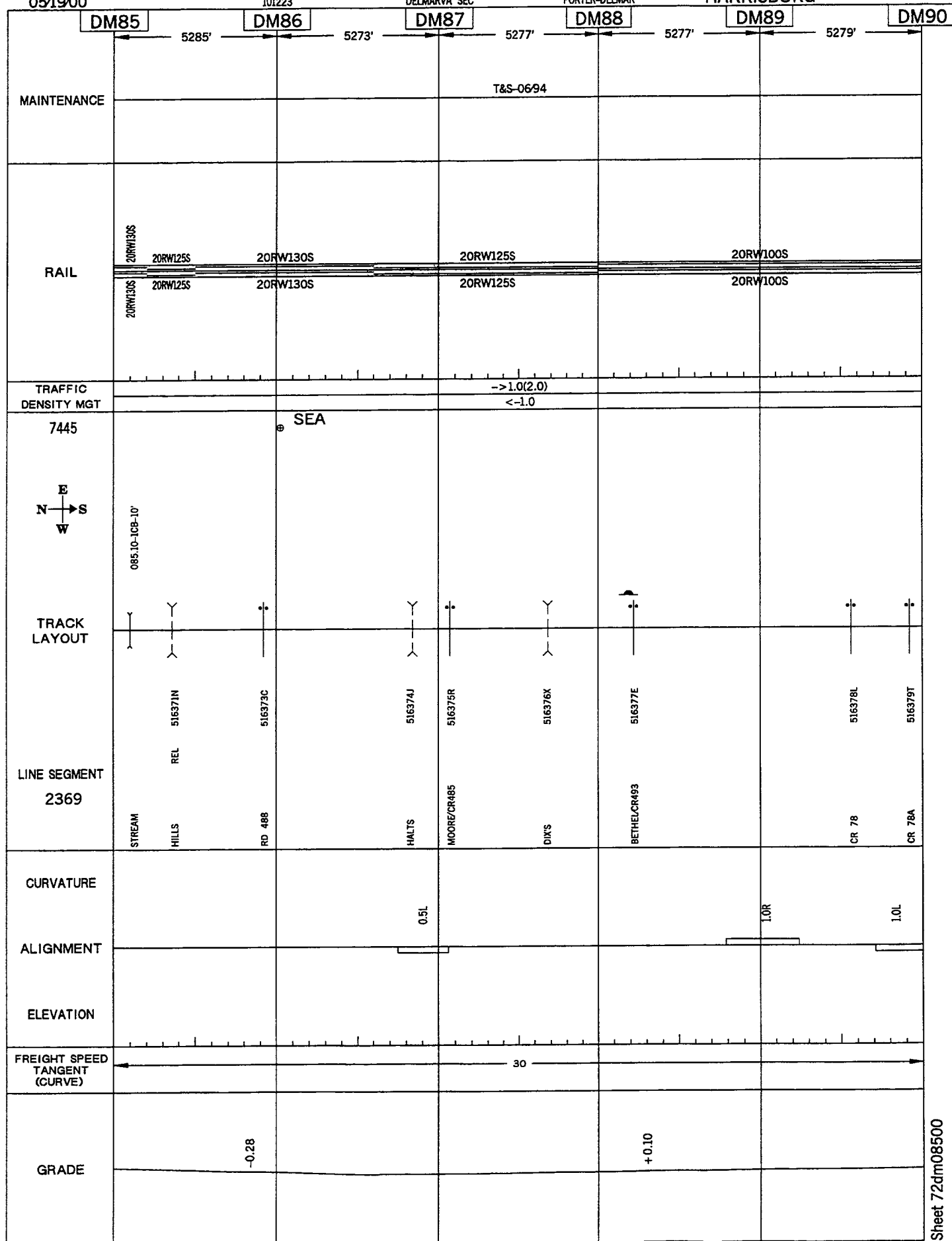
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101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG




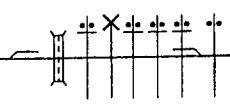
05/19/00

101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG

	DM90	DM91	DM92	DM93	DM94	DM95
	5278'	5278'	5277'	5278'	5279'	
MAINTENANCE			T&S-0694			
RAIL			23NJ130S			
			23NJ130S			
TRAFFIC DENSITY MGT			->1.0(2.0)			
			<-1.0			
7445	LAUREL					
						
TRACK LAYOUT						
LINE SEGMENT 2369	BROAD CREEK MARKET/SR24 MECHANICS ST 6TH ST-CR 70 7TH STREET 8TH STCR640 10TH ST	SC 499	GORDY'S	HORSEY	CR 501	BCNS MILL CR BACON-CR 515 PUSEYS CALLAWAYS
CURVATURE	1.0L	1.0R			1.0R	
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE	+0.10		+0.20		+0.15	

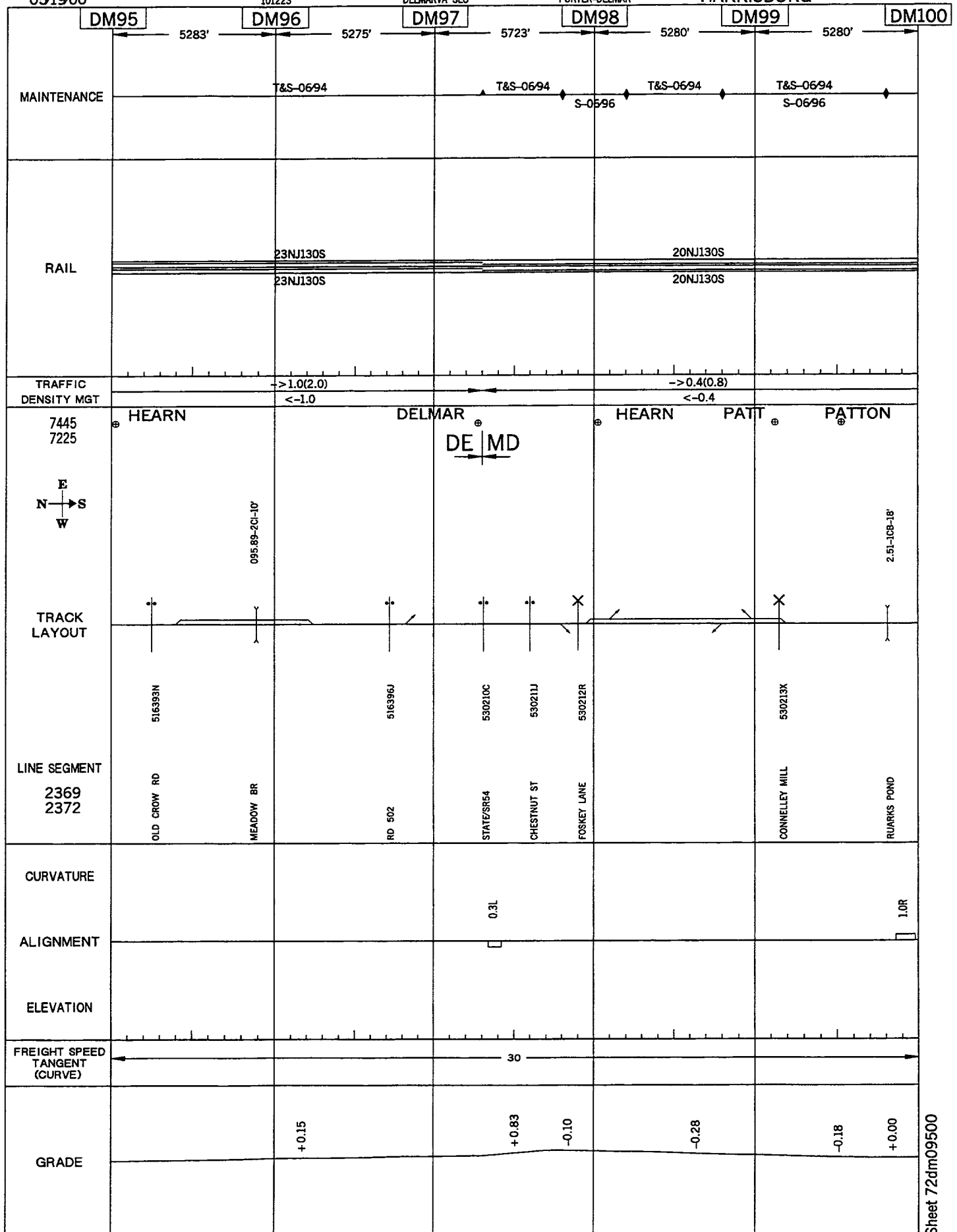
05/1900

101223

DELMARVA SEC

PORTER-DELMAR

HARRISBURG



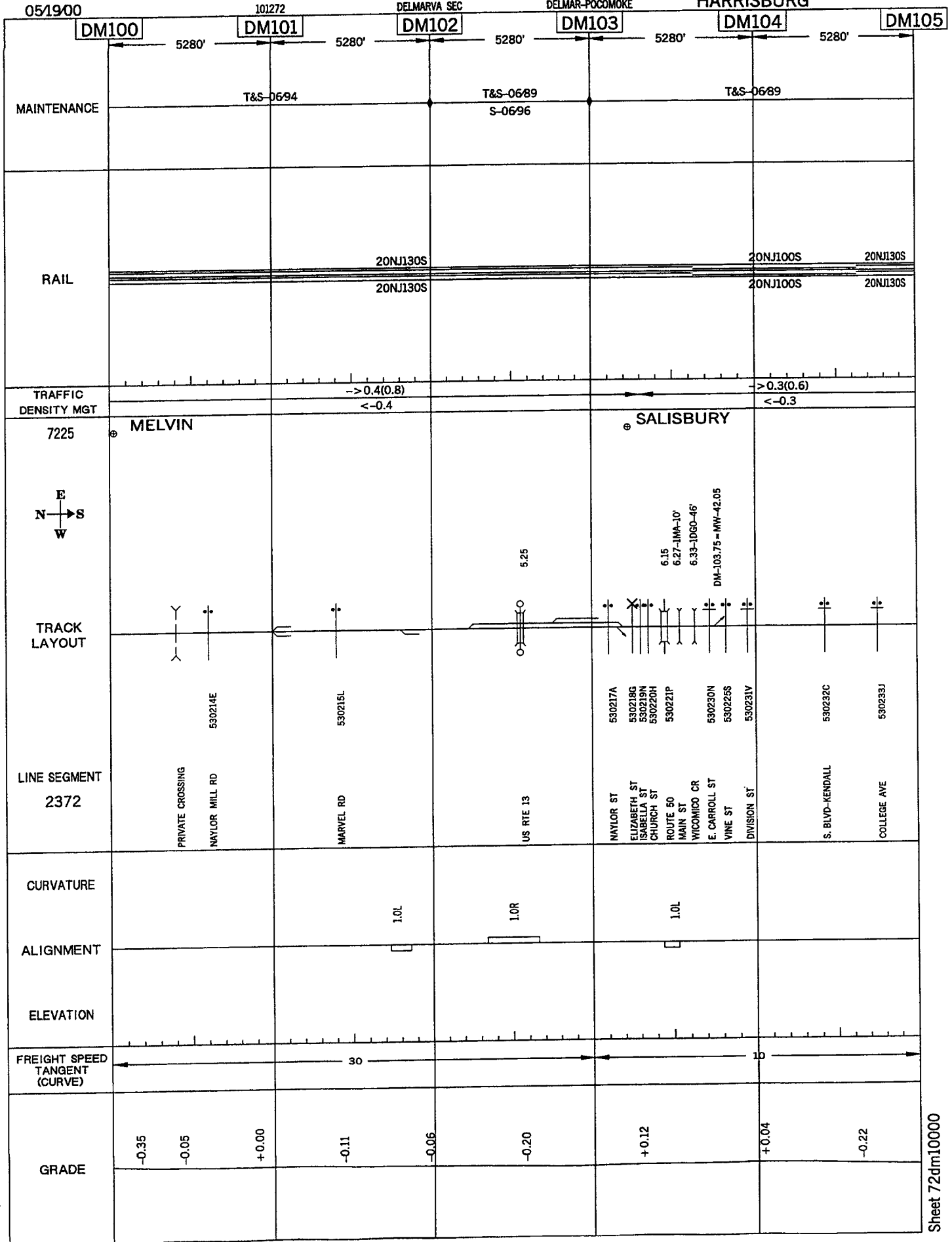
05/1900

101272

DELMARVA SEC

DELMAR-POCOMOKE

HARRISBURG



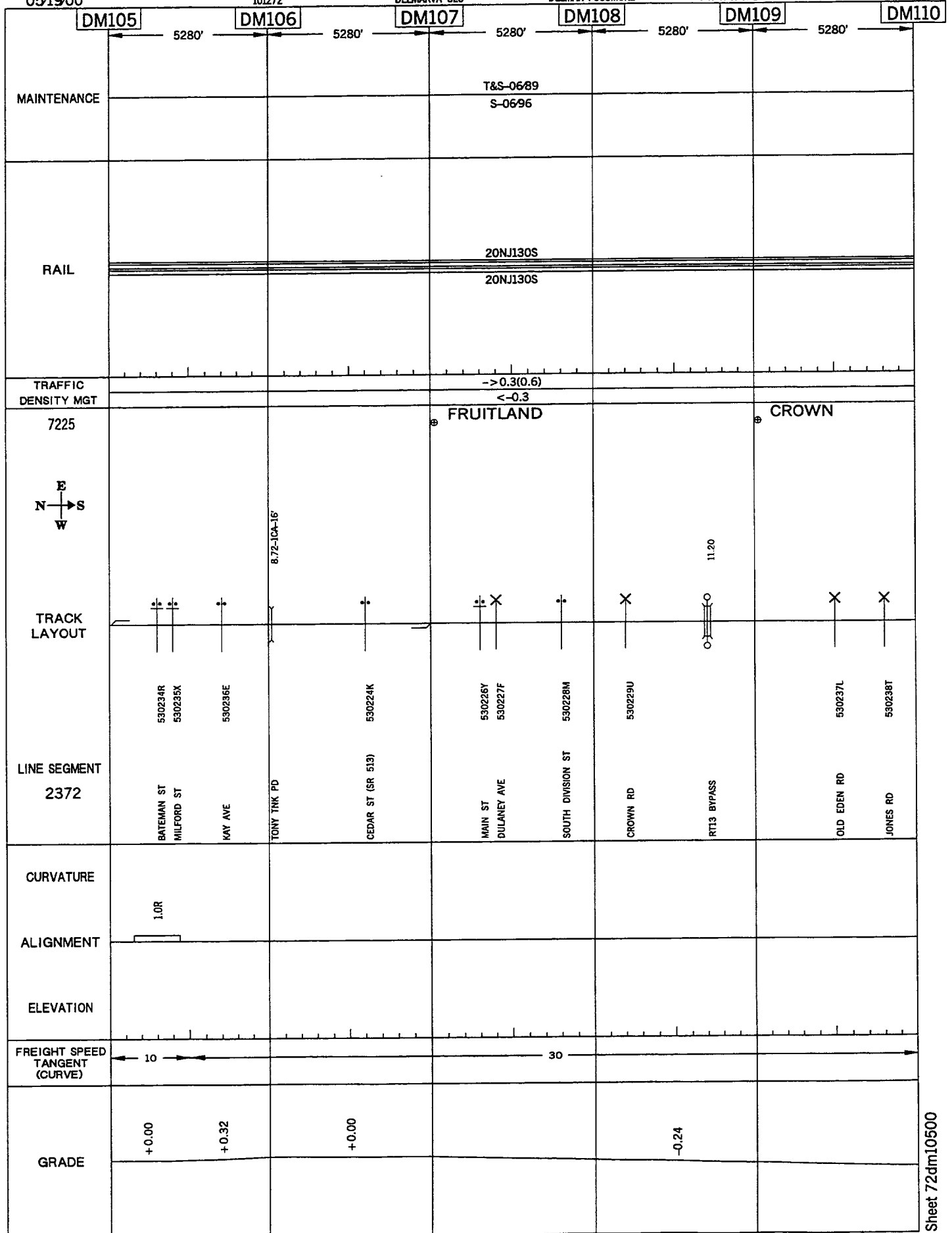
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101272

DELMARVA SEC

DELMAR-POCOMOKE

HARRISBURG



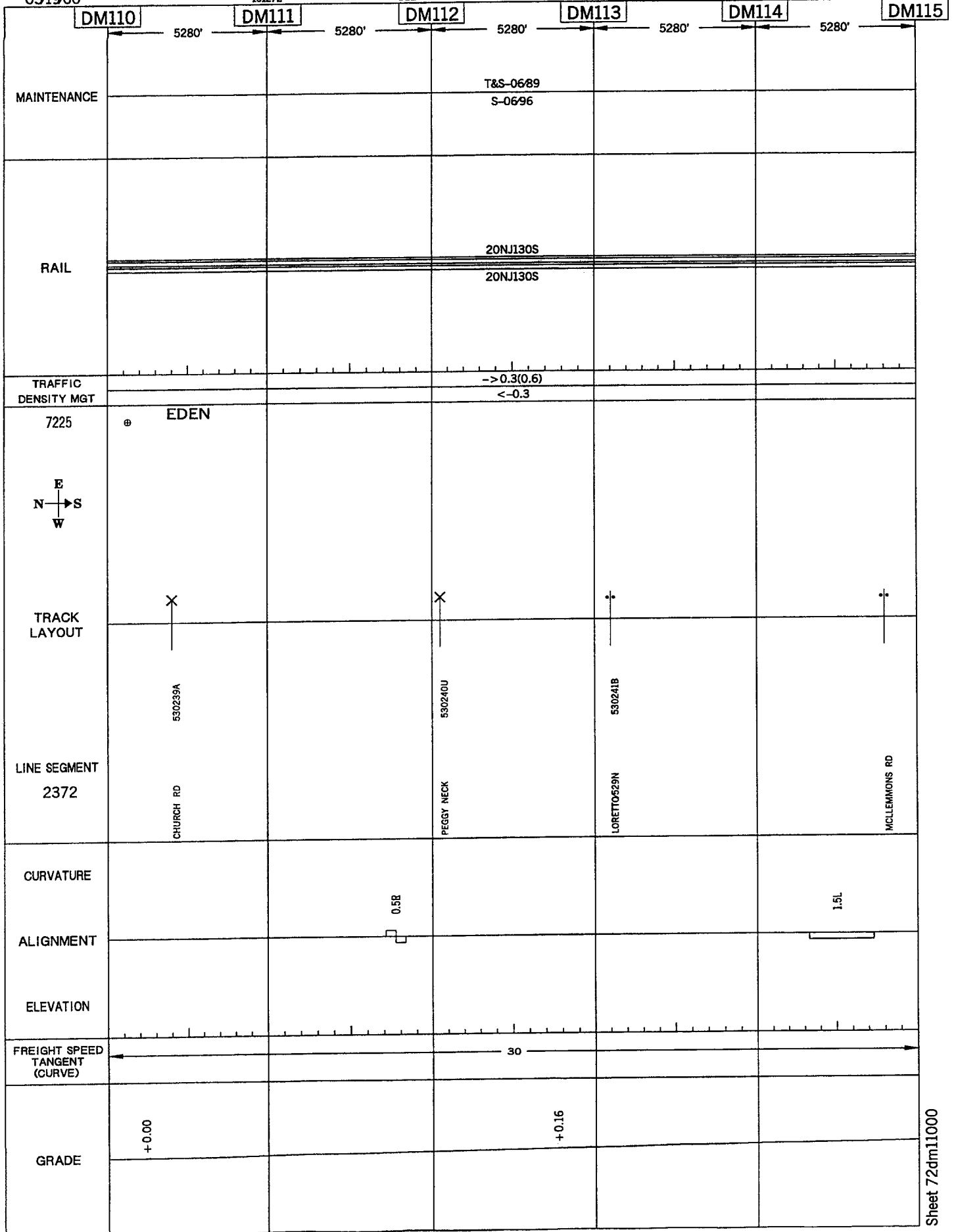
05/19/00

101272

DELMARVA SEC

DELMAR-POCOMOKE

HARRISBURG




05/19/00

101272

DELMARVA SEC

DELMAR-POCOMOKE

HARRISBURG

	DM115	DM116	DM117	DM118	DM119	DM120
	5280'	5280'	5280'	5280'	5280'	5280'
MAINTENANCE			T&S-06/89 S-06/96			
RAIL			20NJ130S 20NJ130S			
TRAFFIC DENSITY MGT	-> 0.3(0.6) <-0.3			-> 0.2(0.4) <-0.2		
7225		PRINCESS ANNE		KINGS CREEK		
						
TRACK LAYOUT	18.00-2CB-18'	18.81-1CA-22'		20.95-1CA-14' SHARP GAS 21.49-2CA-44'		
LINE SEGMENT 2372	530255J WARRICKS STREAM	530243P ACADEMY ST STREAM 530246K ANTIOCH AVE 530247S HAMPDEN ST 530248Y OLD WESTOVER RD	530249F GREENWOOD ST 530250A N CEN SCHOOL	530251G S CEN SCHOOL BRANCH 530252N KING MILLER BRANCH	530253V PERRY RD DM-119.25 = KK-0.0 530254C OLD STATE RD	
CURVATURE		0.5L			1.0L	
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE		+0.16	+0.00 -0.42	+0.18 +0.14	+0.03 -0.15	

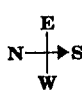
05/19/00

101272

DELMARVA SEC

DELMAR-POCOMOKE

HARRISBURG

	DM120	DM121	DM122	DM123	DM124	DM125
	5280'	5280'	5280'	5280'	5280'	5280'
MAINTENANCE			T&S-06/89 S-06/96			
RAIL			20NJ130S 20NJ130S			
TRAFFIC DENSITY MGT			-> 0.2(0.4) <- 0.2			
7225						COSTEN
						
TRACK LAYOUT						
LINE SEGMENT 2372		530258E STEVENSON	530259L ARDEN STATION RD			530572N FOLLOW DITCH RD
CURVATURE				0.1R		
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE			-0.15			

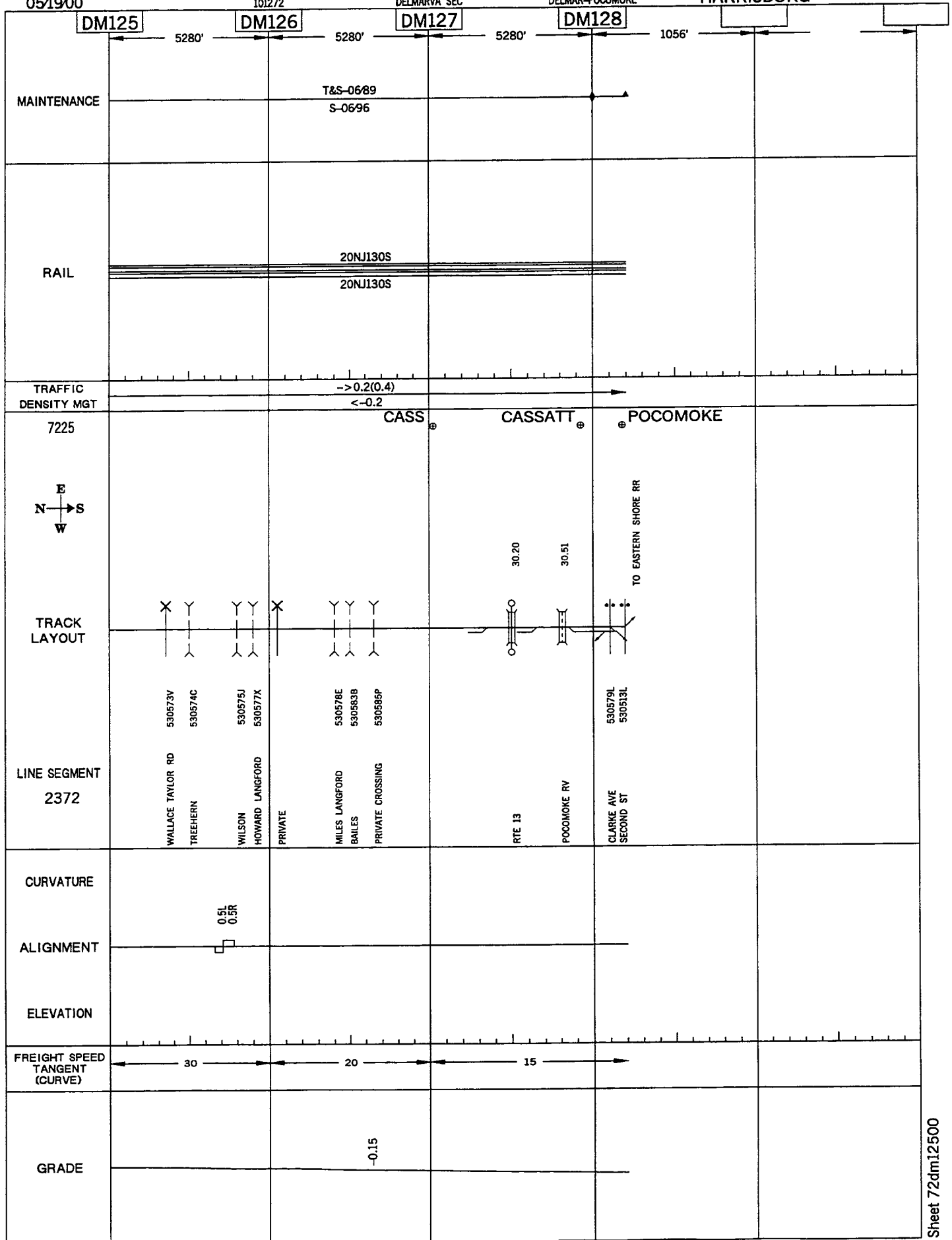
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101272

DELMARVA SEC

DELMAR-POCOMOKE

HARRISBURG



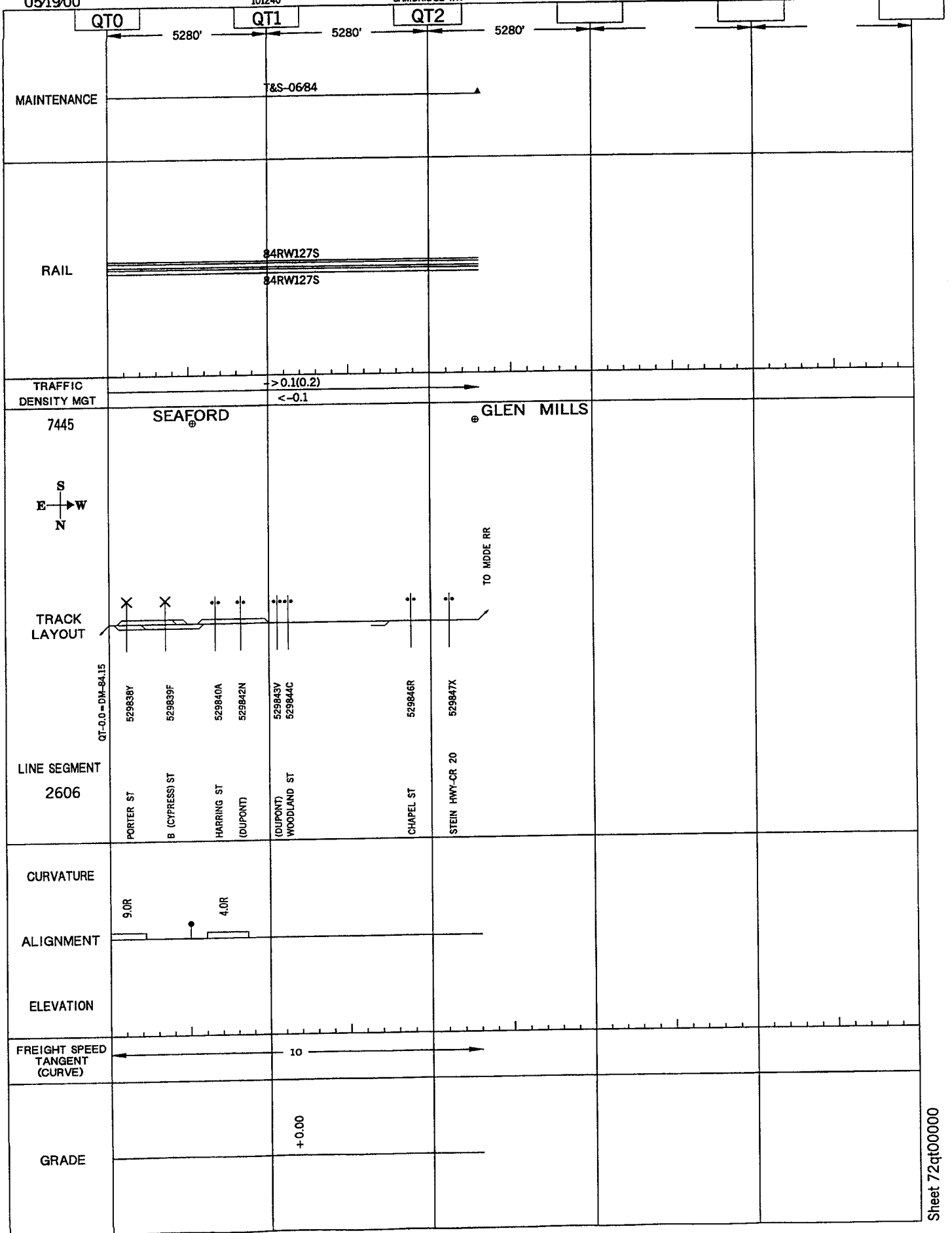
05/19/00

101240

CAMBRIDGE I.T.

SEAFORD

HARRISBURG



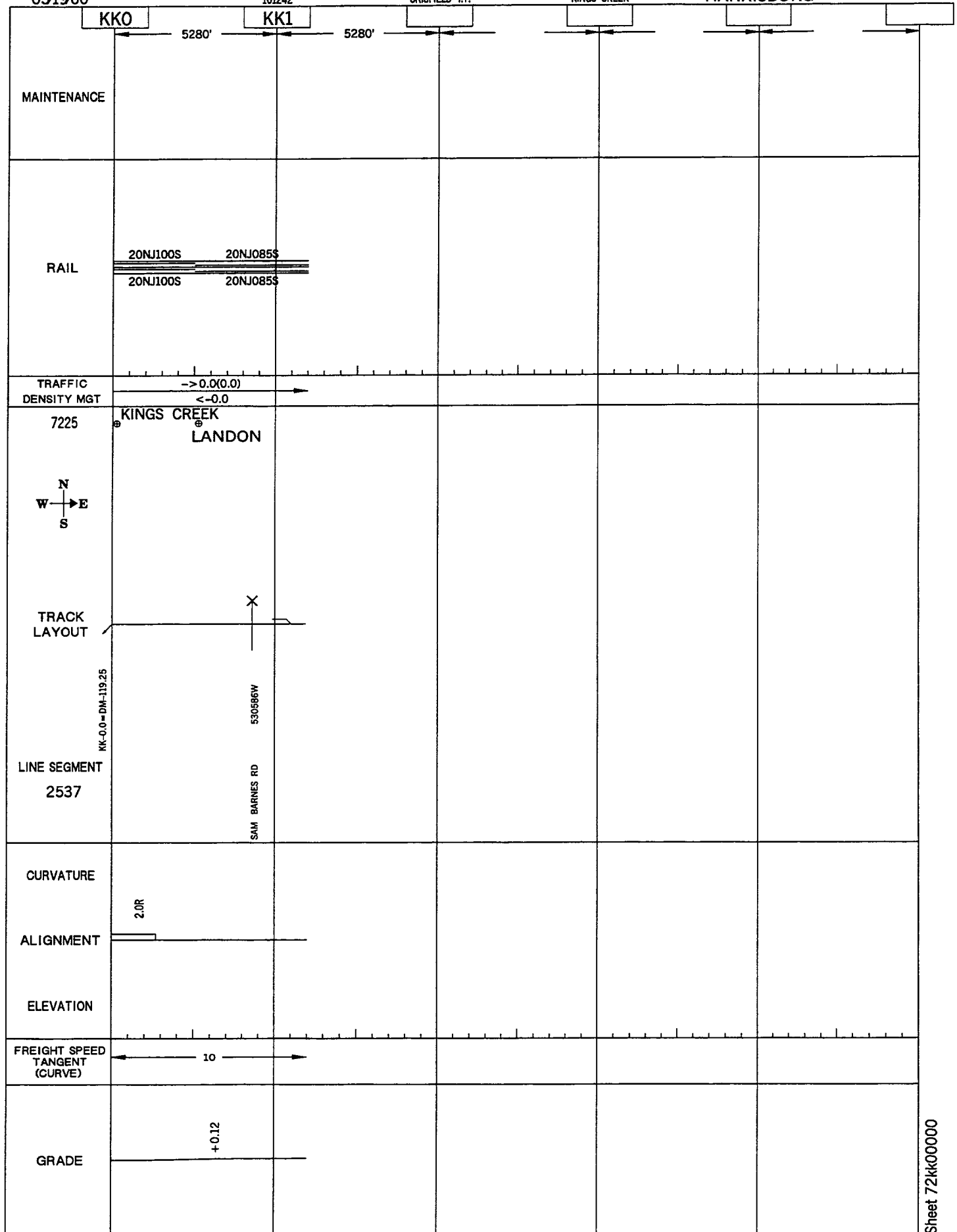
05/19/00

101242

CRISFIELD I.T.

KINGS CREEK

HARRISBURG



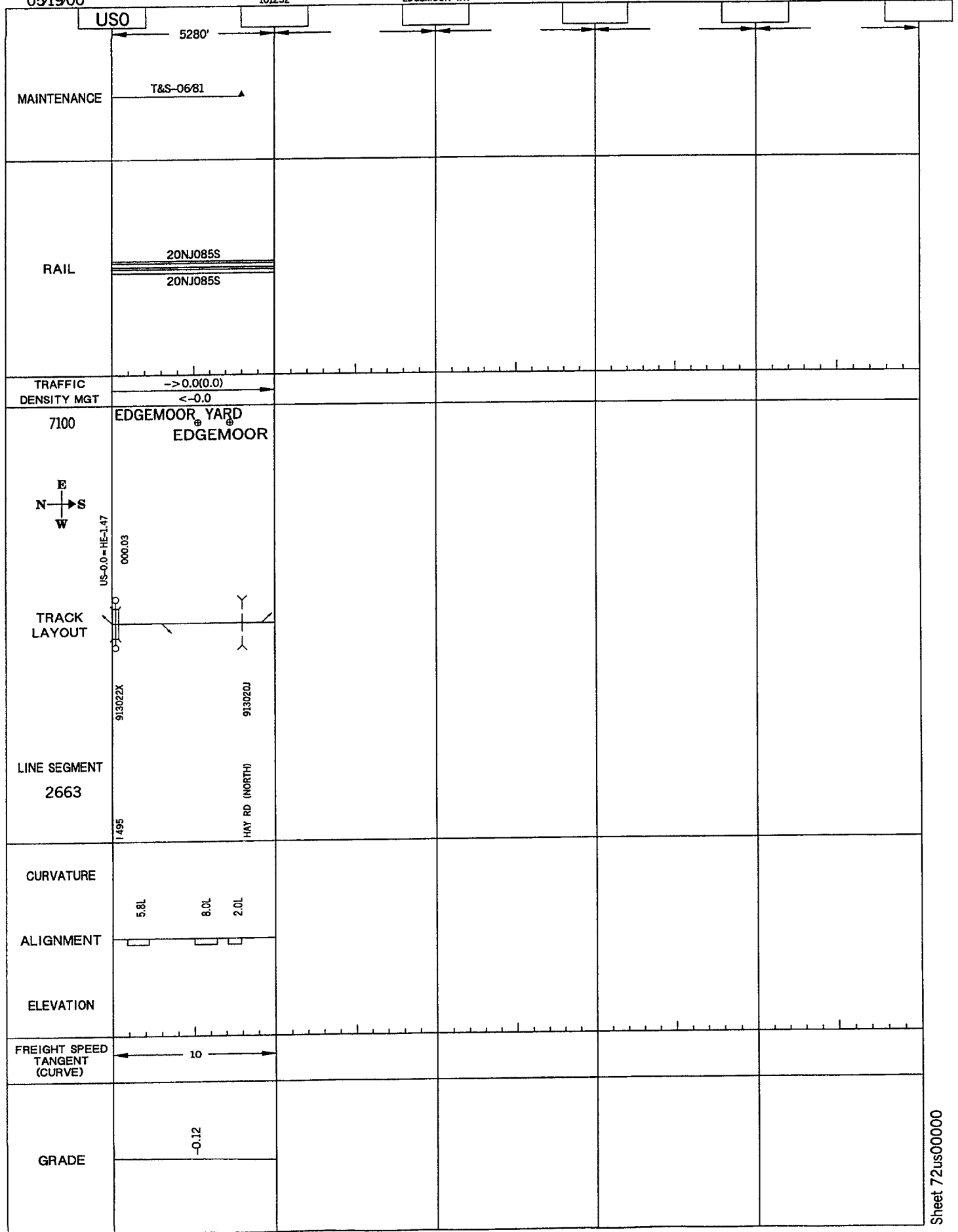
051900

101252

EDGEMOOR I.T.

SHELLPOT BRANCH-END

HARRISBURG



282

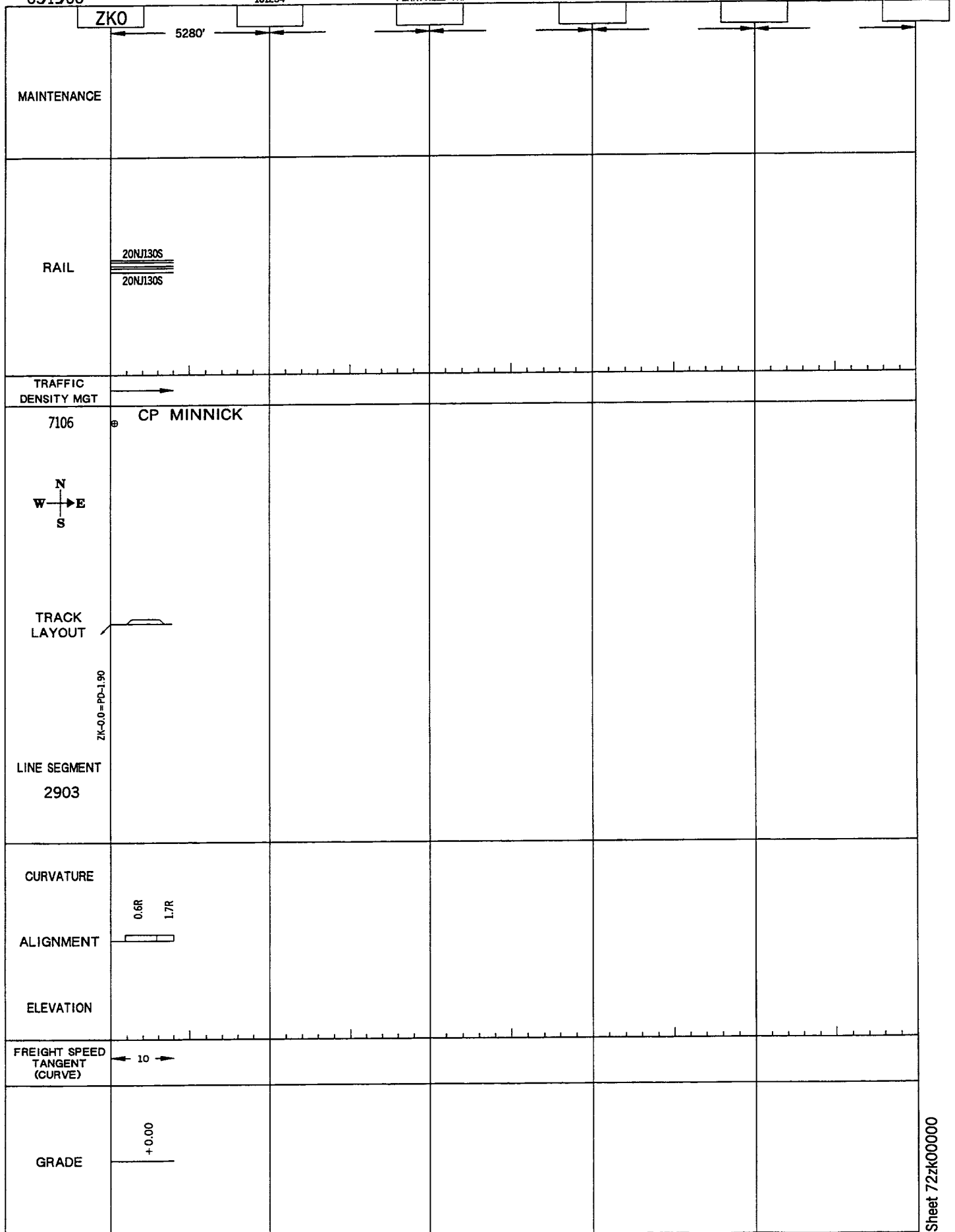
051900

101254

PERRYVILLE TK.

PERRYVILLE

HARRISBURG



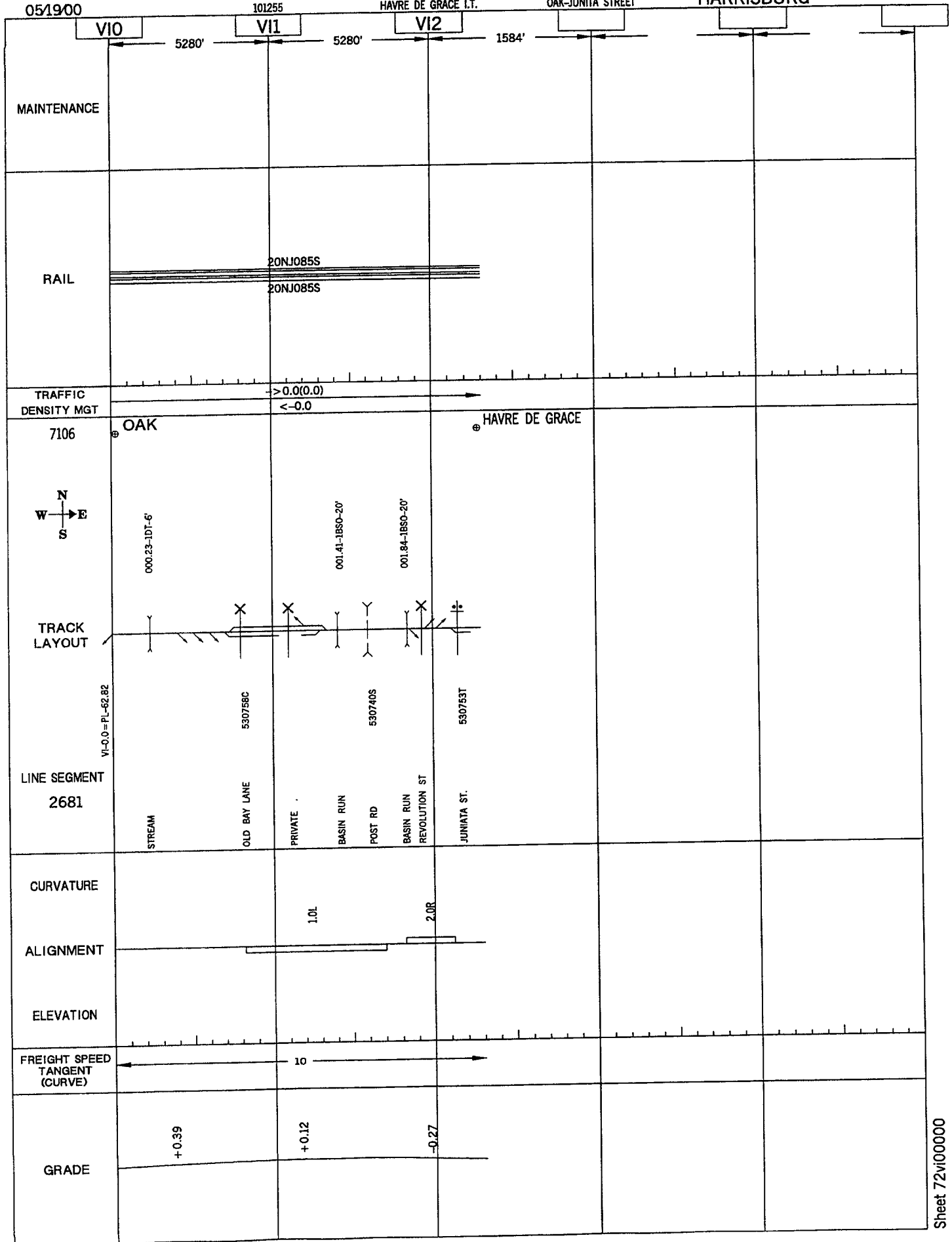
051900

101255

HAVRE DE GRACE I.T.

OAK-JUNITA STREET

HARRISBURG



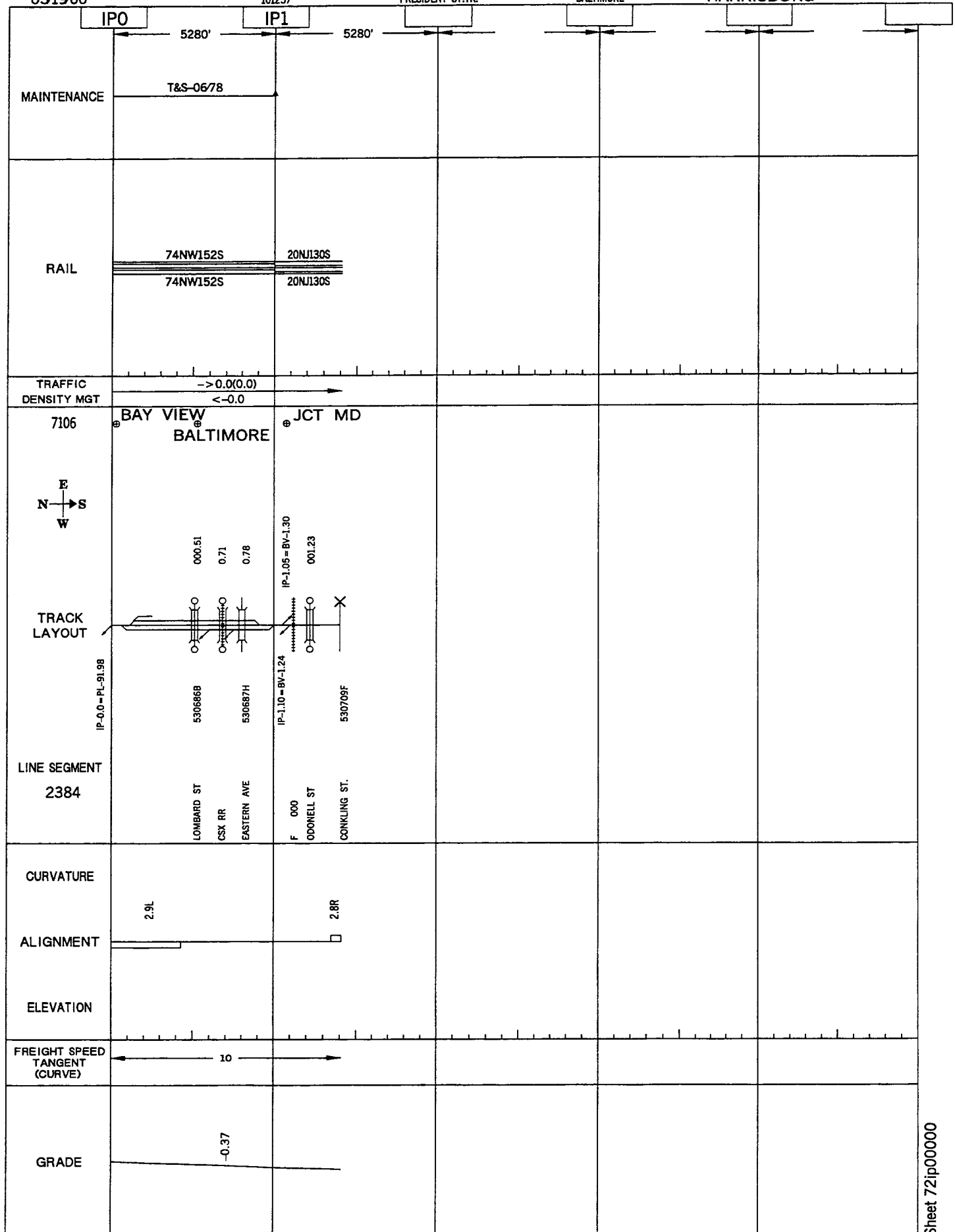
05/19/00

101257

PRESIDENT ST.TK.

BALTIMORE

HARRISBURG



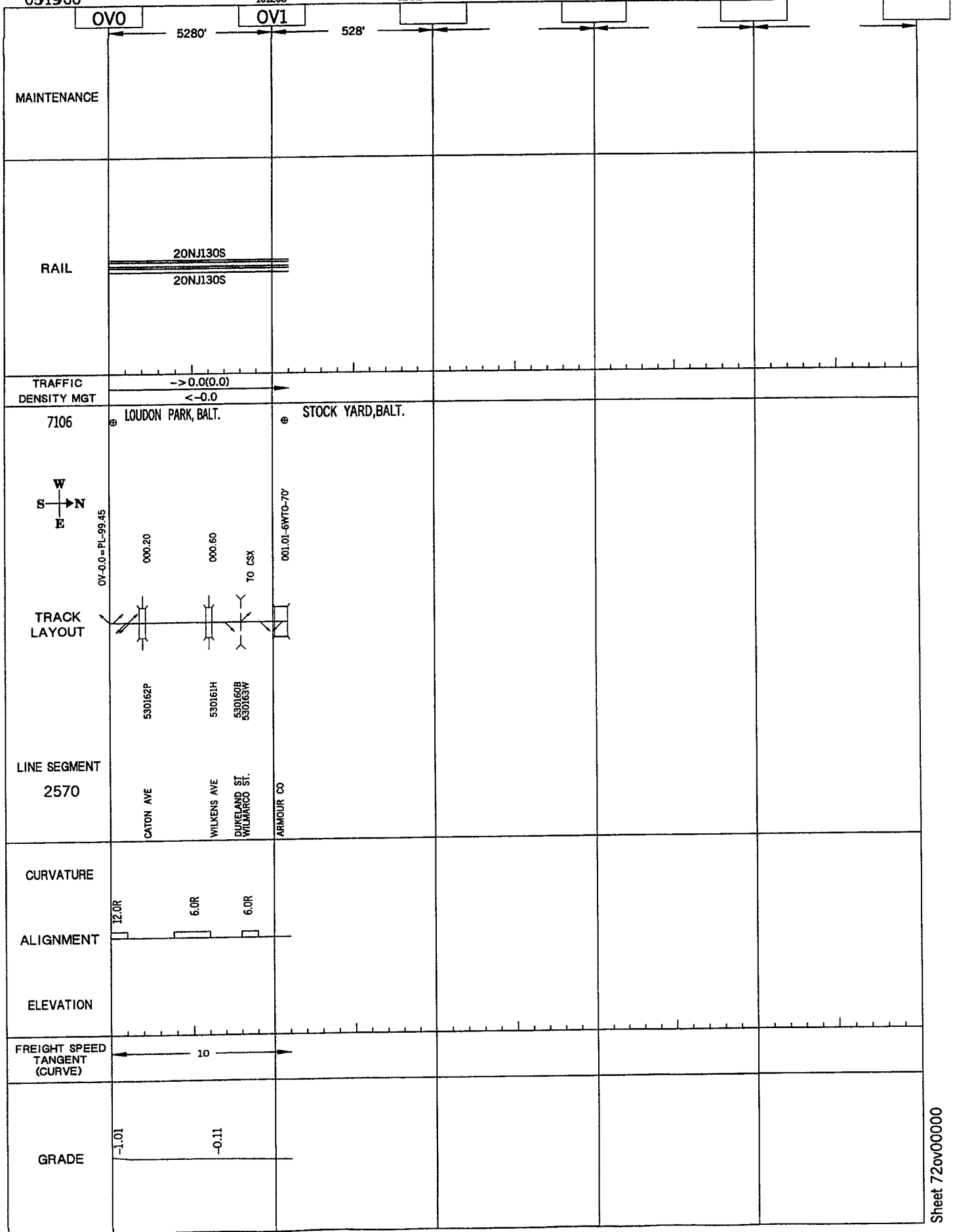
05/19/00

101258

CLAREMONT R.T.

FREDERICK RD-END

HARRISBURG



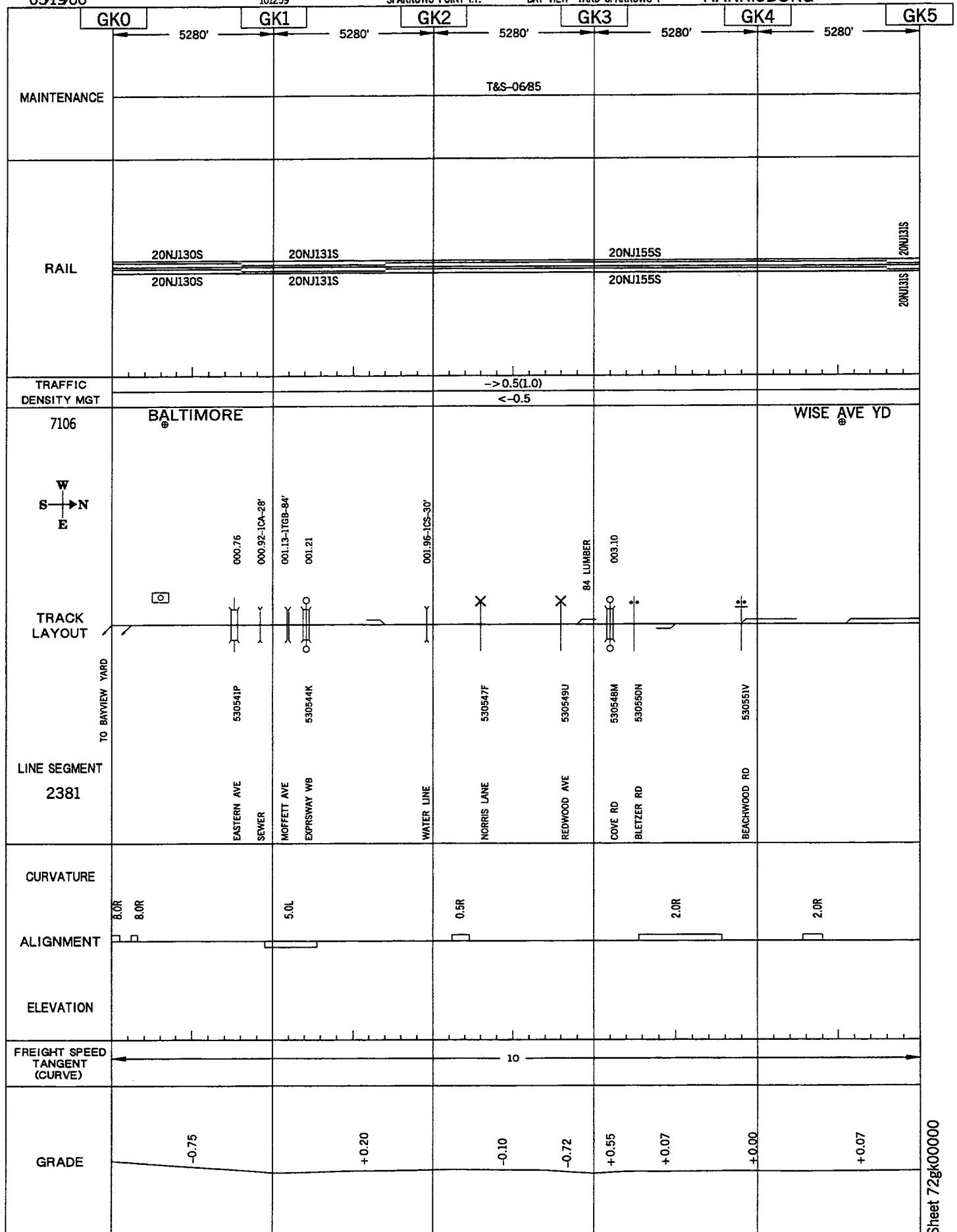
051900

101259

SPARROWS POINT I.T.

BAY VIEW YARD-SPARROWS P

HARRISBURG



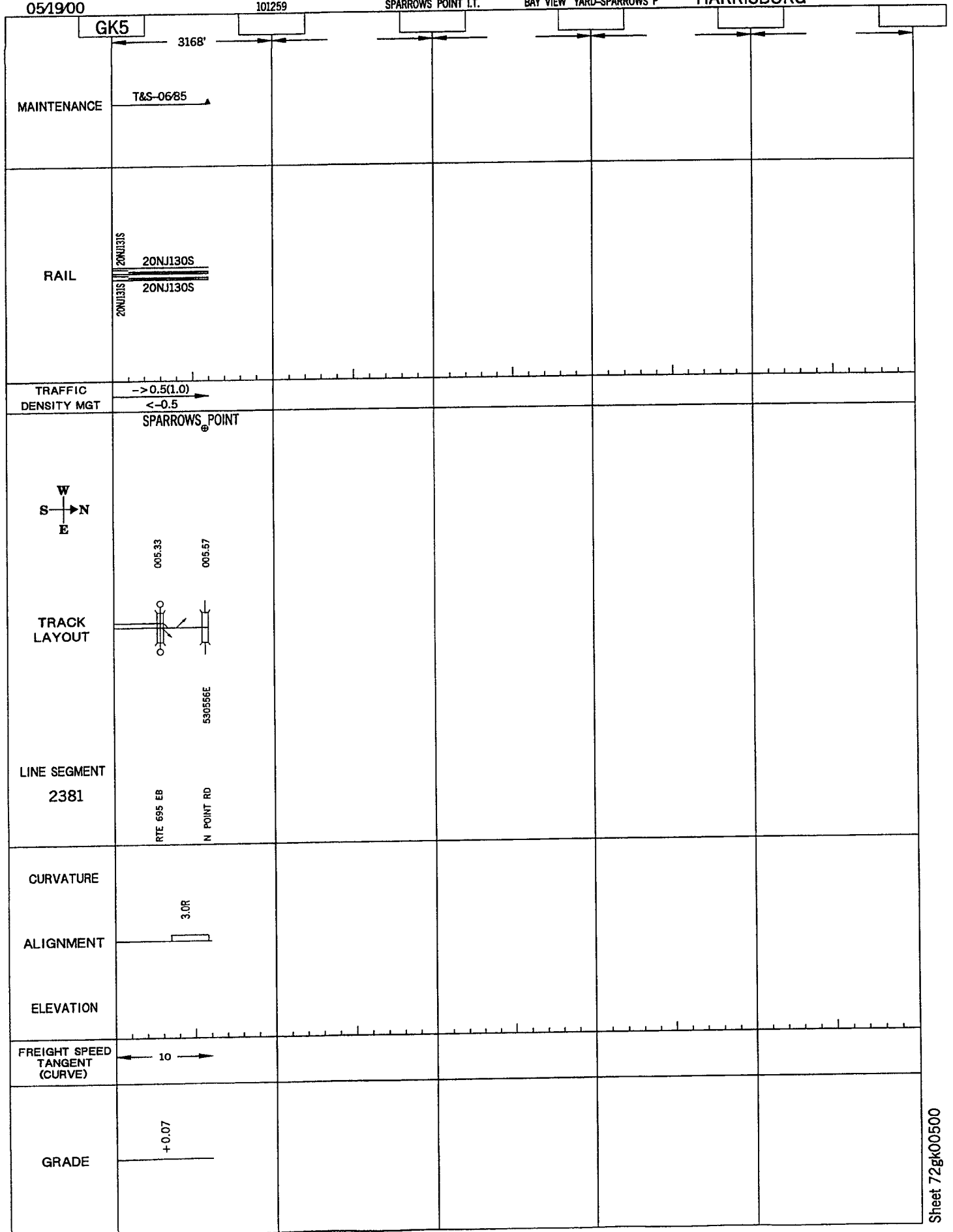
05/19/00

101259

SPARROWS POINT I.T.

BAY VIEW YARD-SPARROWS P

HARRISBURG



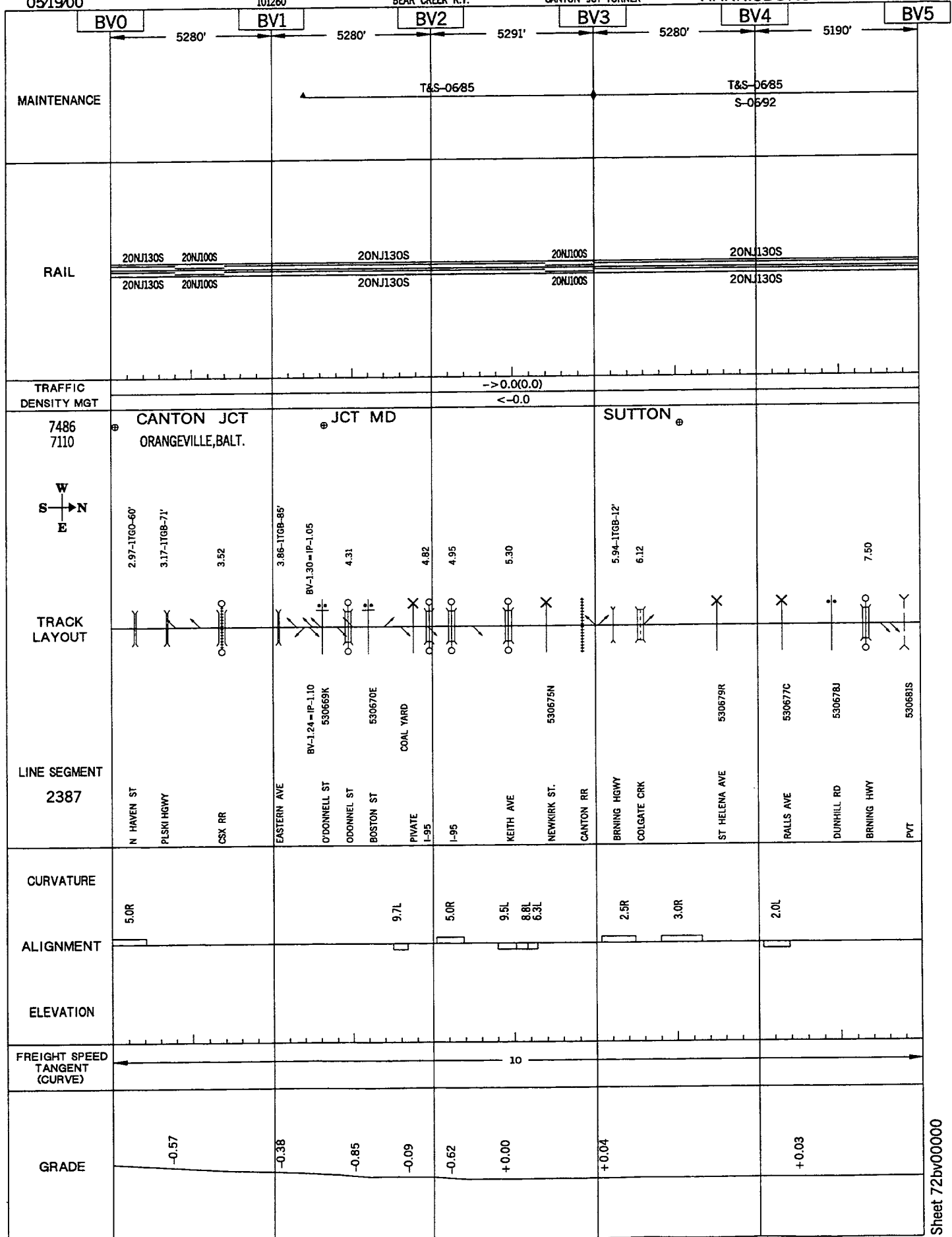
05/19/00

101260

BEAR CREEK R.T.

CANTON JCT-TURNER

HARRISBURG



05/19/00

101260

BEAR CREEK R.T.

CANTON JCT-TURNER

HARRISBURG

BV5

5363'

MAINTENANCE

RAIL

20NJ130S
20NJ130S

TRAFFIC
DENSITY MGT

DUNDALK MARINE TERMI

W
S — N
E

TRACK
LAYOUT

LINE SEGMENT
2387

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.03

05/1900

101267

MILL STREET IT

SALISBURY, MD-END

HARRISBURG

	MRO	3168'						
MAINTENANCE								
RAIL	20NJ085S 20NJ085S							
TRAFFIC DENSITY MGT								
7575	<p>SALISBURY</p> <p>MR-0.0 = MW-41.65</p> <p>TRACK LAYOUT</p> <p>530478A 530479G 530480B 530481H</p> <p>ISABELLA ST. MILL ST. CHESTNUT ST. LEMMON HILL LANE CEDAR STREET</p>							
LINE SEGMENT 3119								
CURVATURE								
ALIGNMENT	12.9L							
ELEVATION								
FREIGHT SPEED TANGENT (CURVE)	10							
GRADE	+0.21							

05/19/00

101326

PORT ROAD BR CONN.

CP HIP-CP MARY

HARRISBURG

0073

1056'

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7008



TRACK
LAYOUT

LINE SEGMENT
2426

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

→ 26.2(52.4)
← 26.2

CP HIP ⊕ ⊕ CP MARY

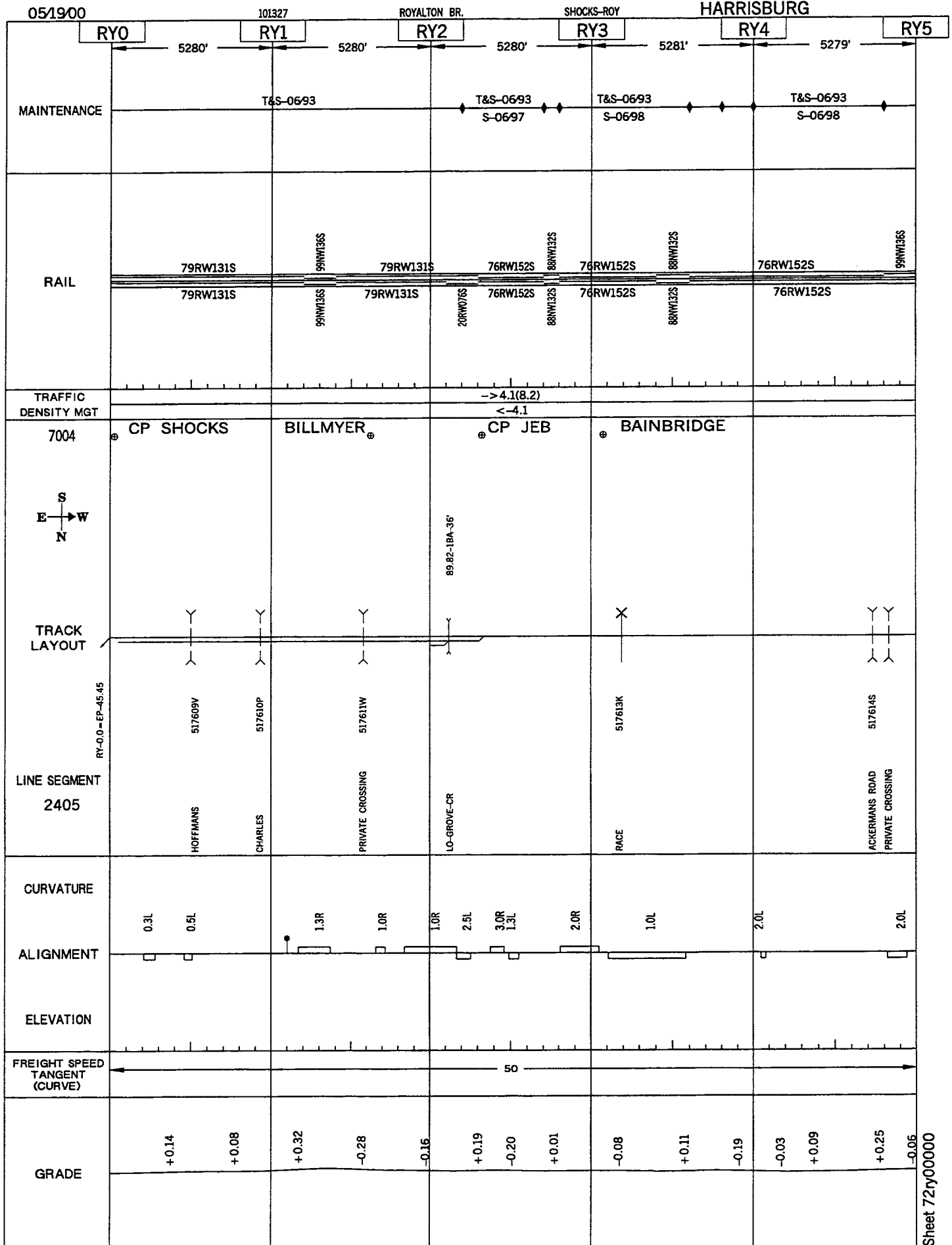
00-72.80 = EP-72.80

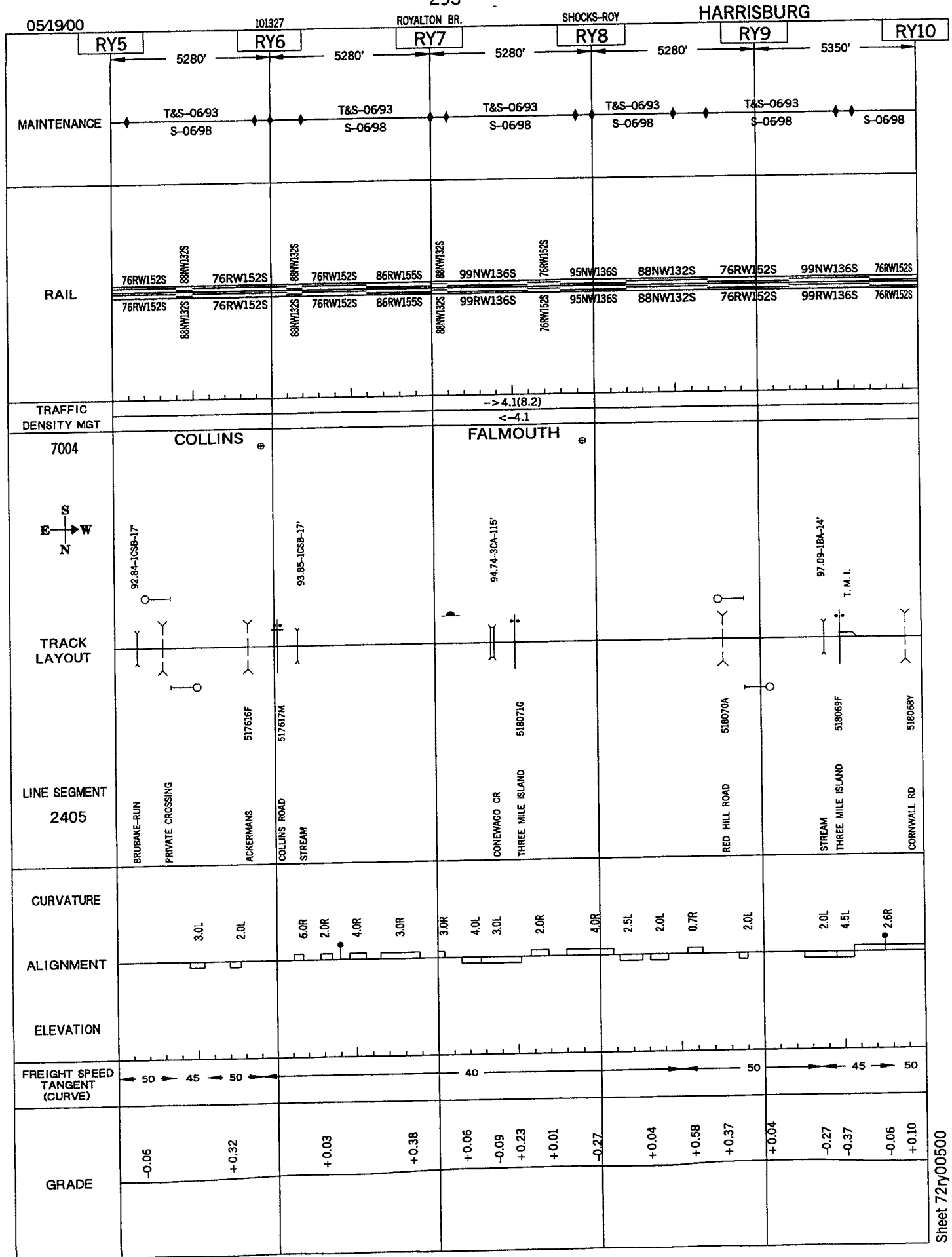
00-73.70 = PT-111.25

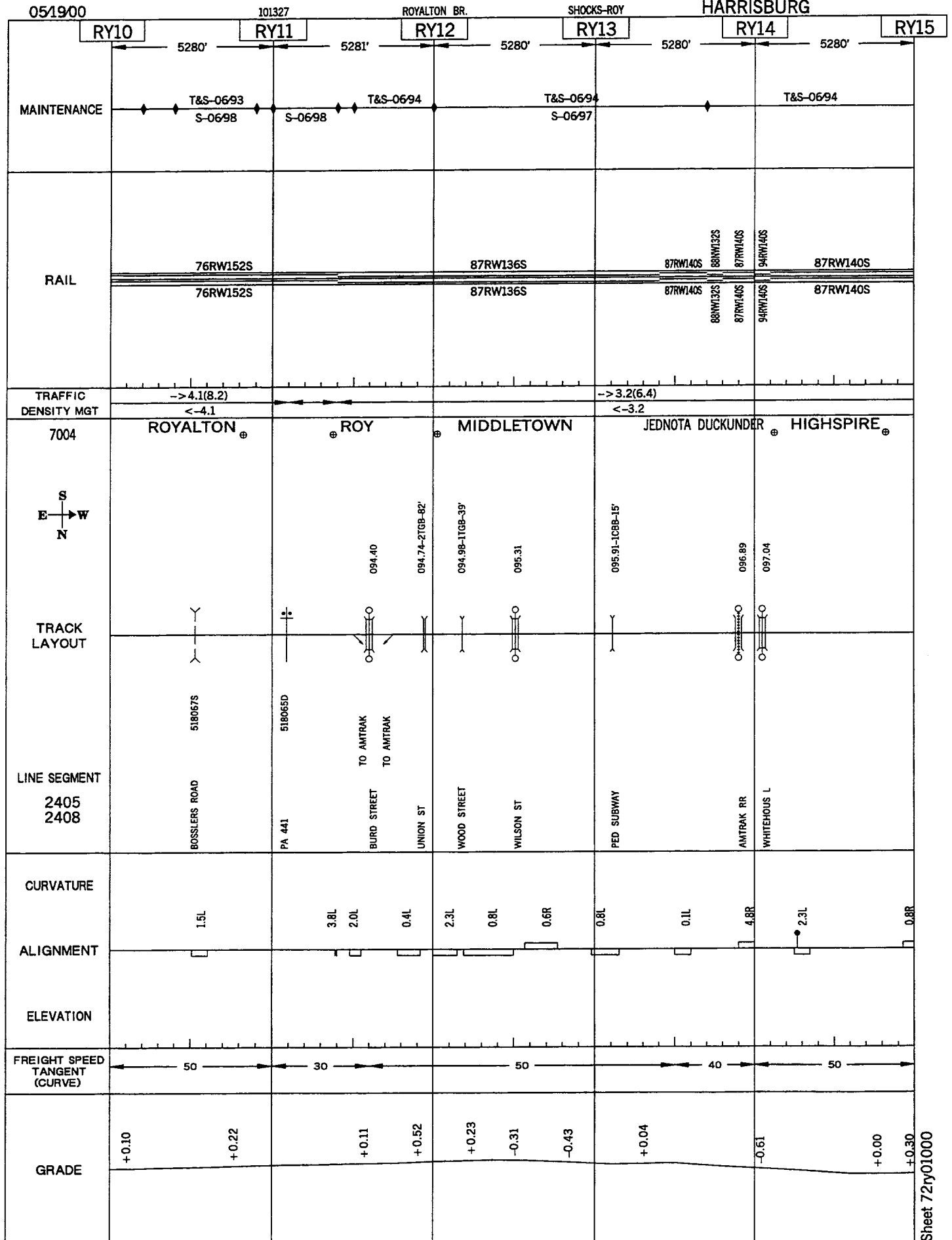
5.8L

10

-0.44







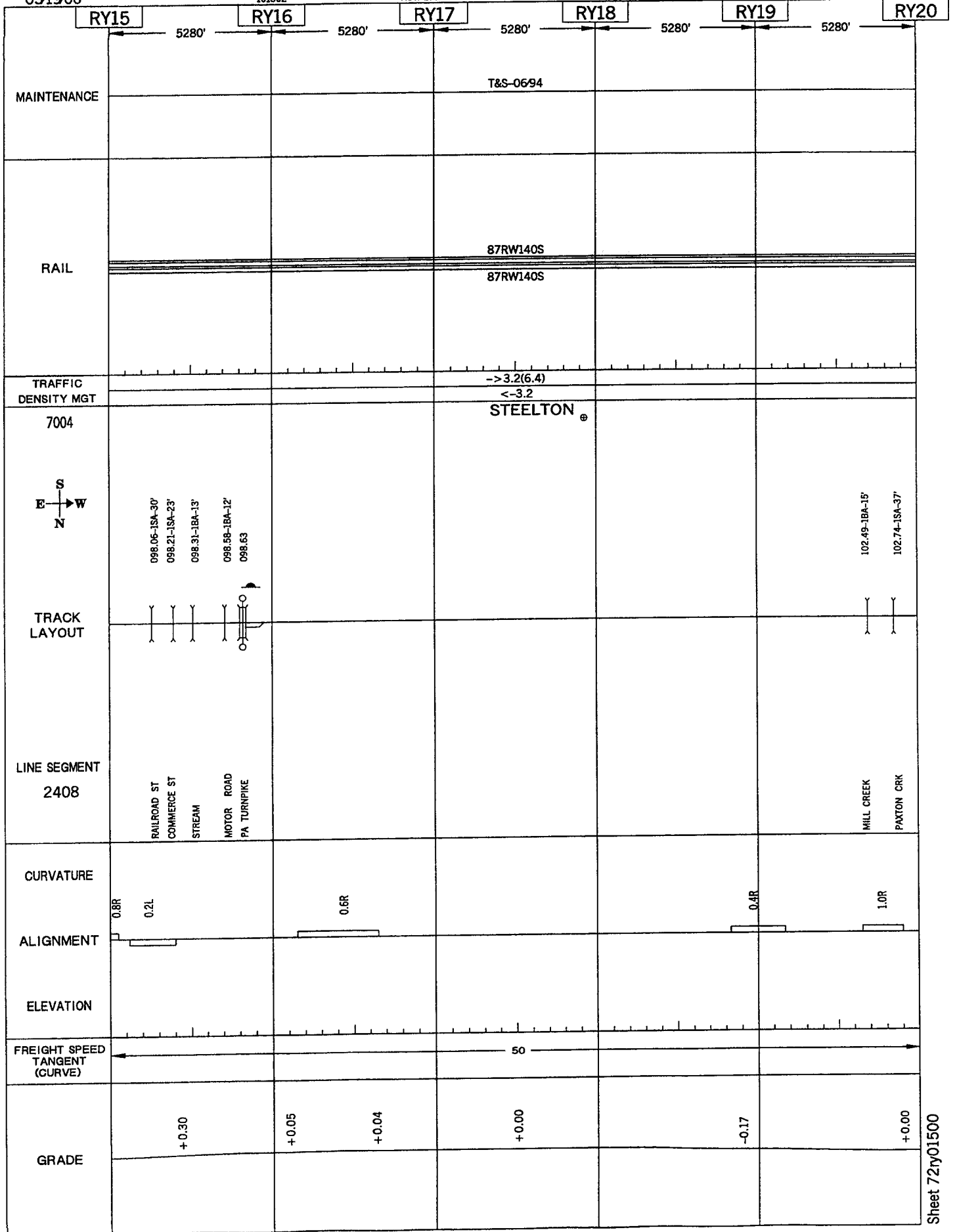
051900

101302

ROYALTON BR.

ROY-HARRIS

HARRISBURG



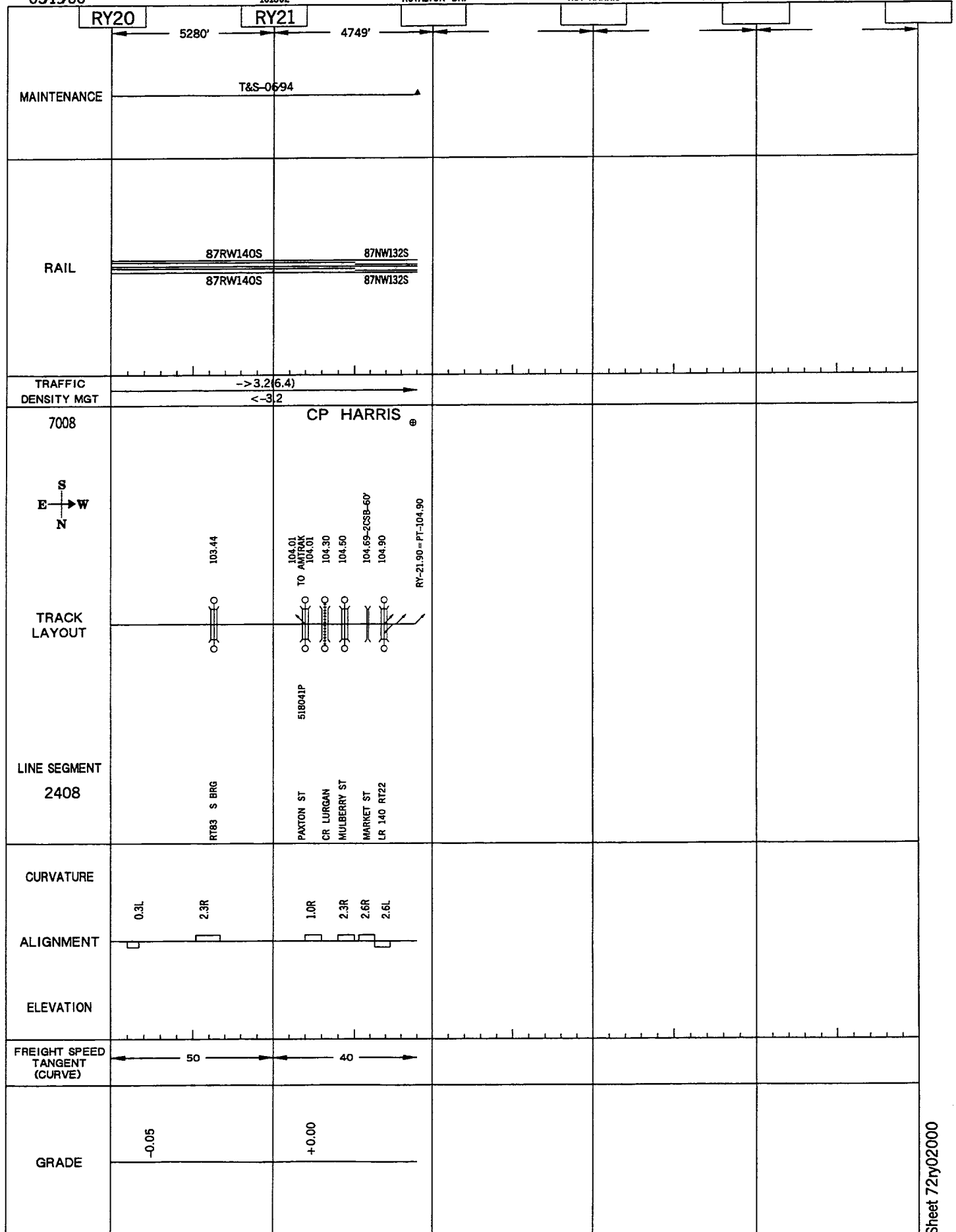
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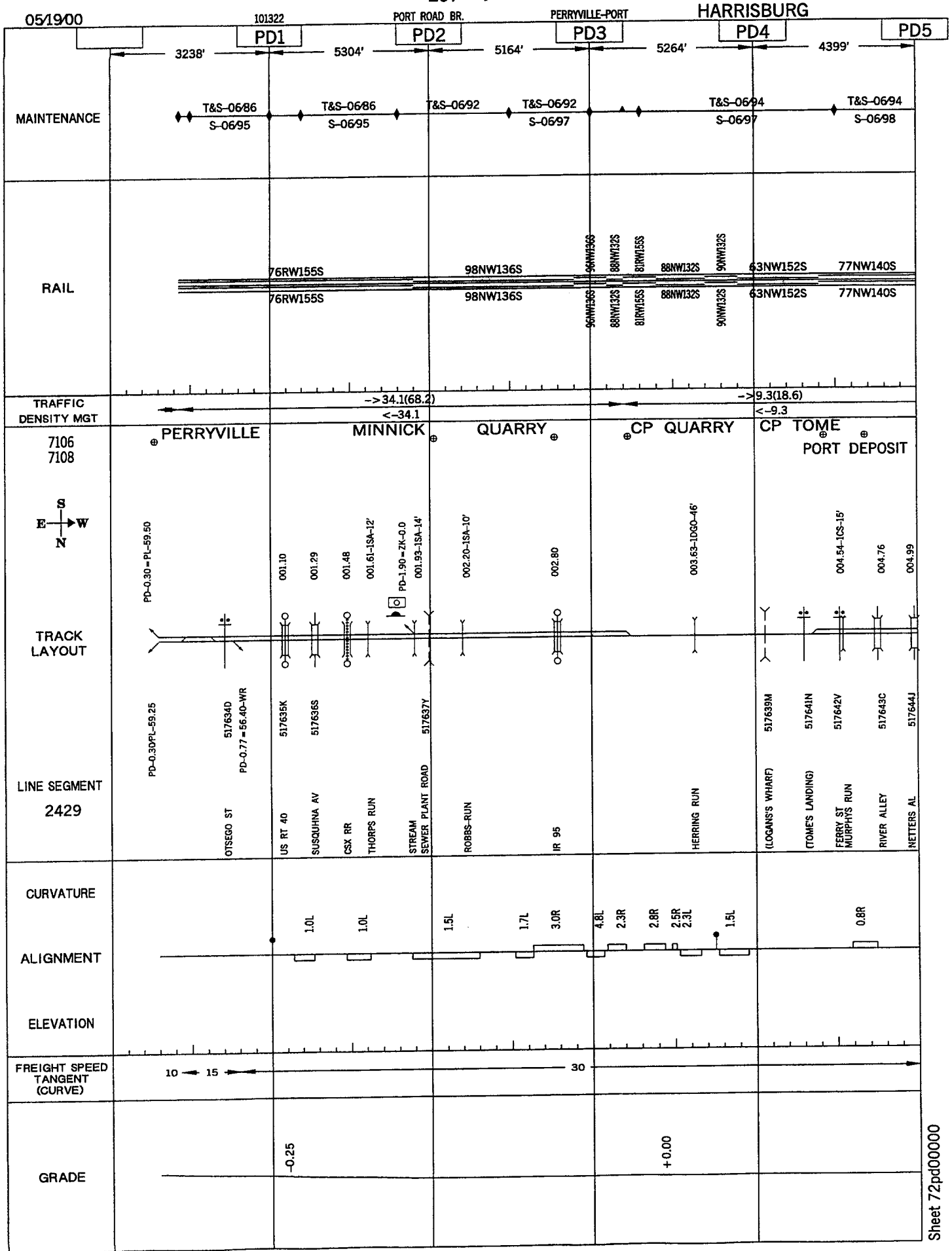
101302

ROYALTON BR.

ROY-HARRIS

HARRISBURG





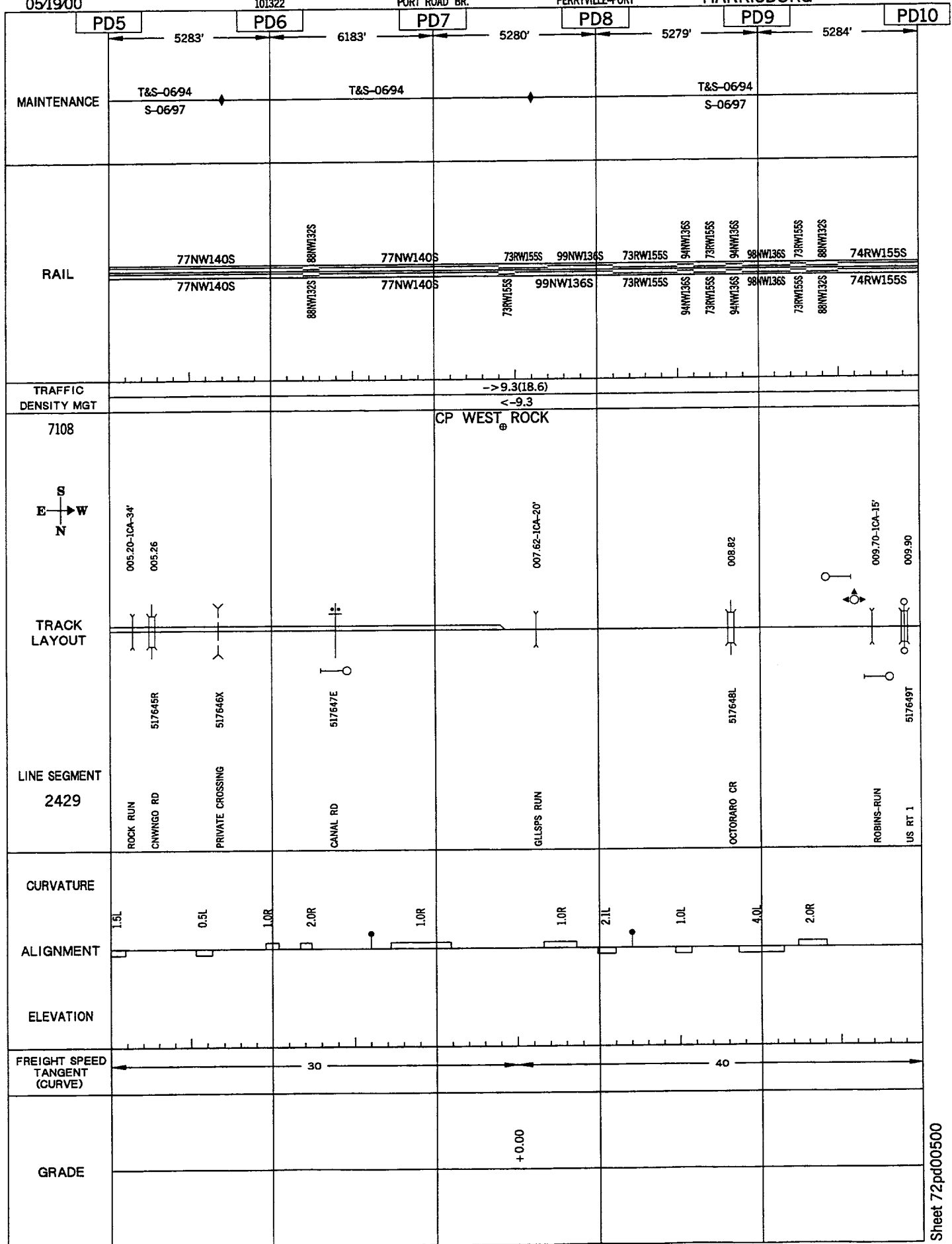
05/19/00

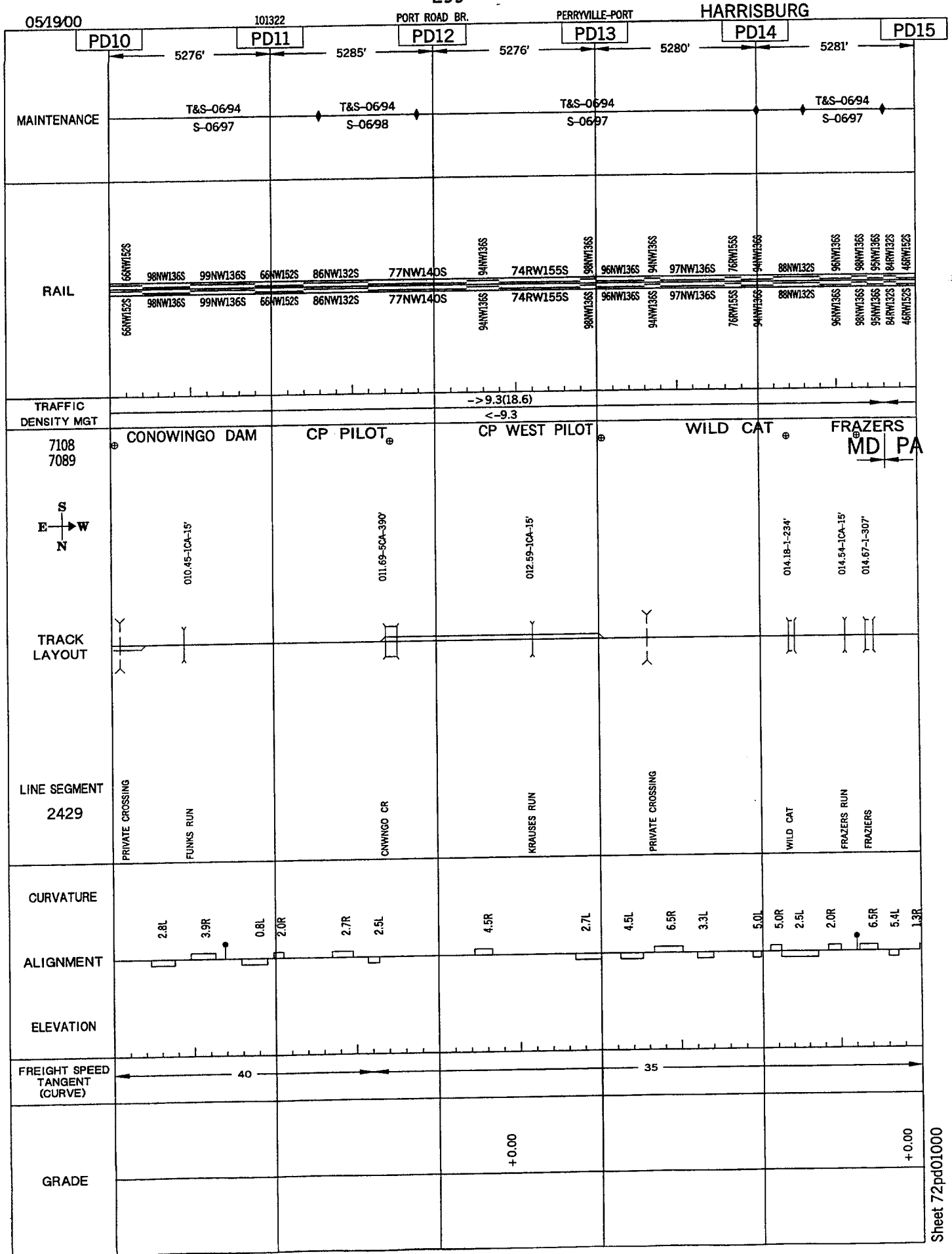
101322

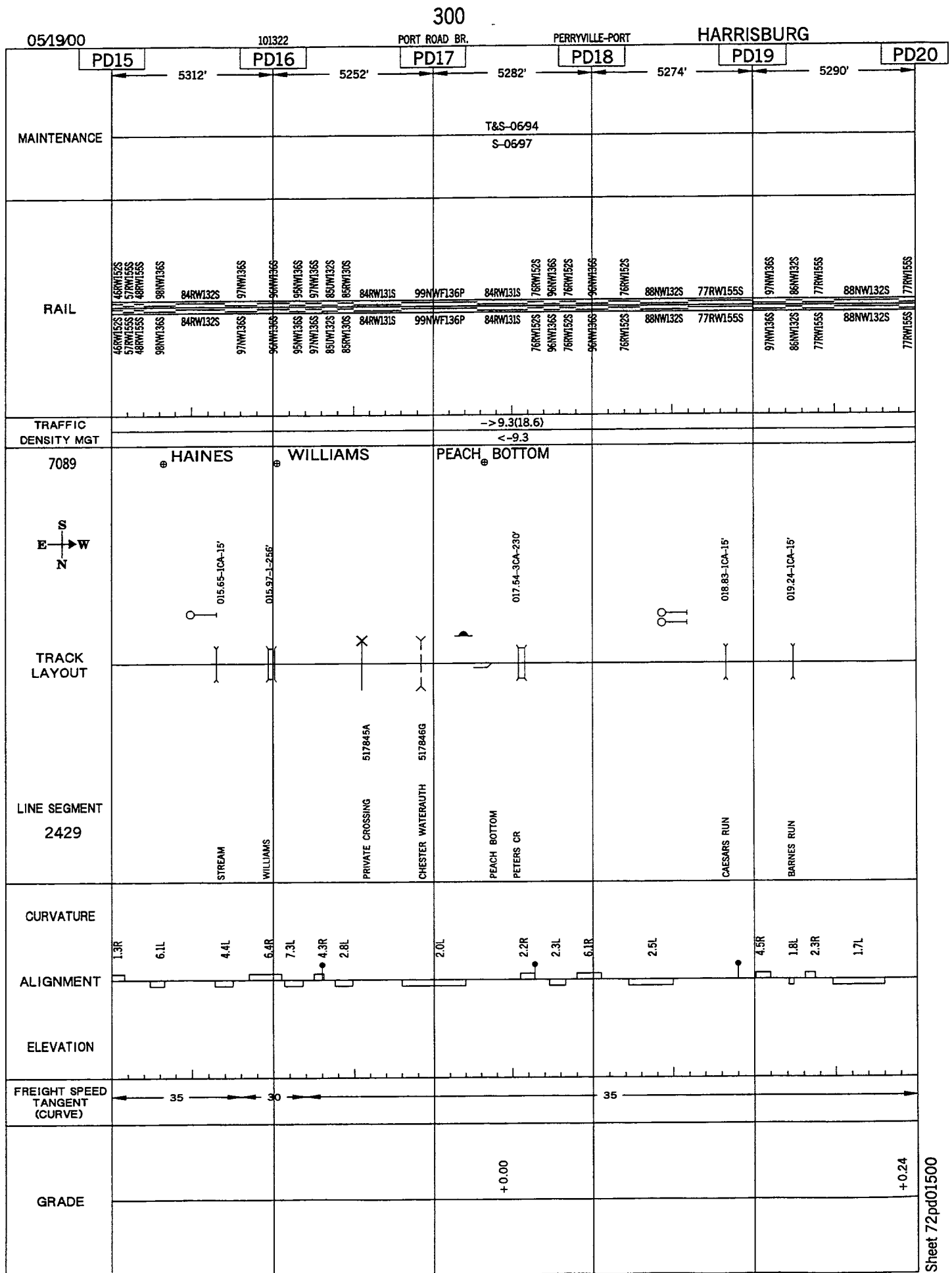
PORT ROAD BR.

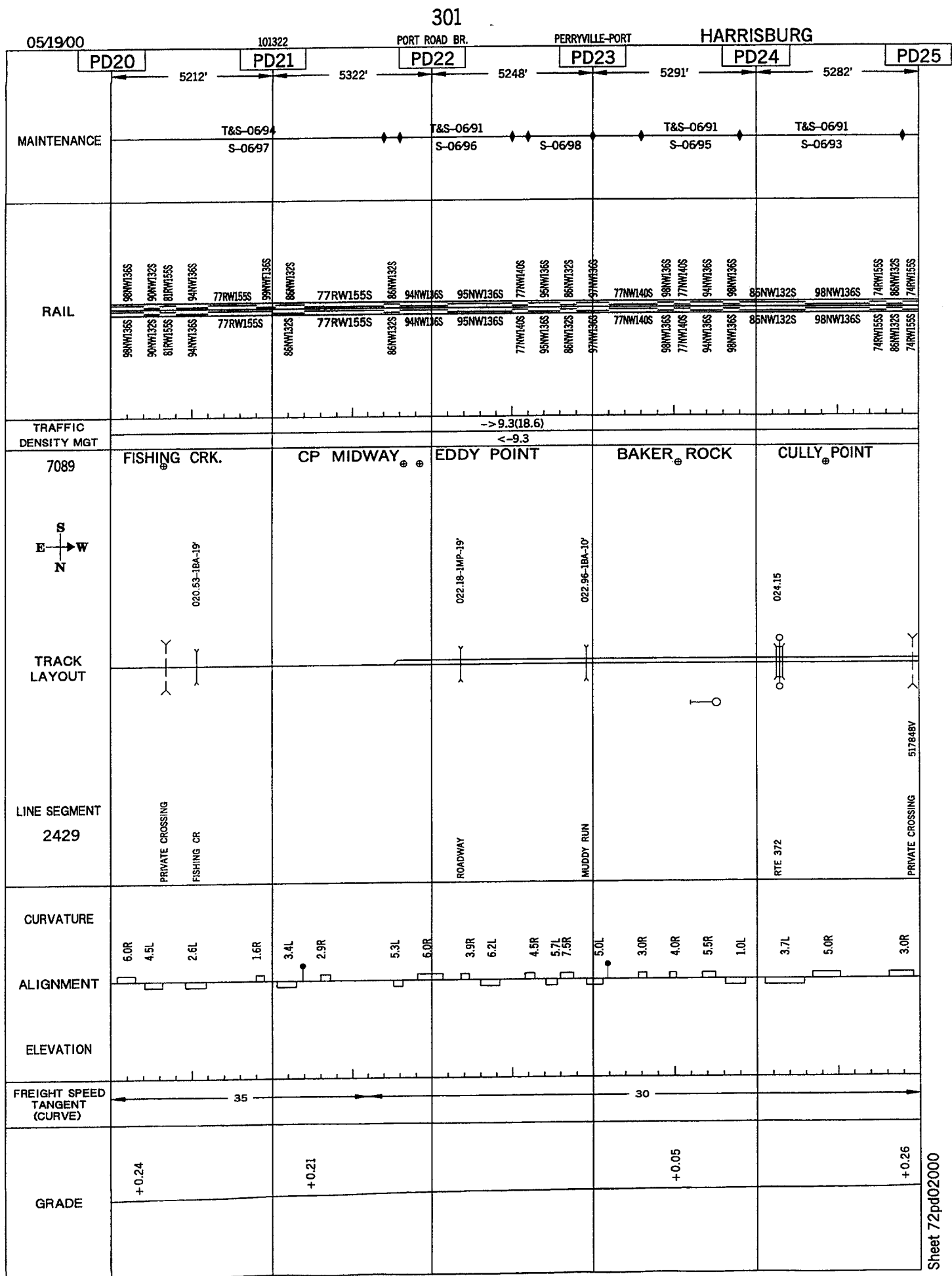
PERRYVILLE-PORT

HARRISBURG









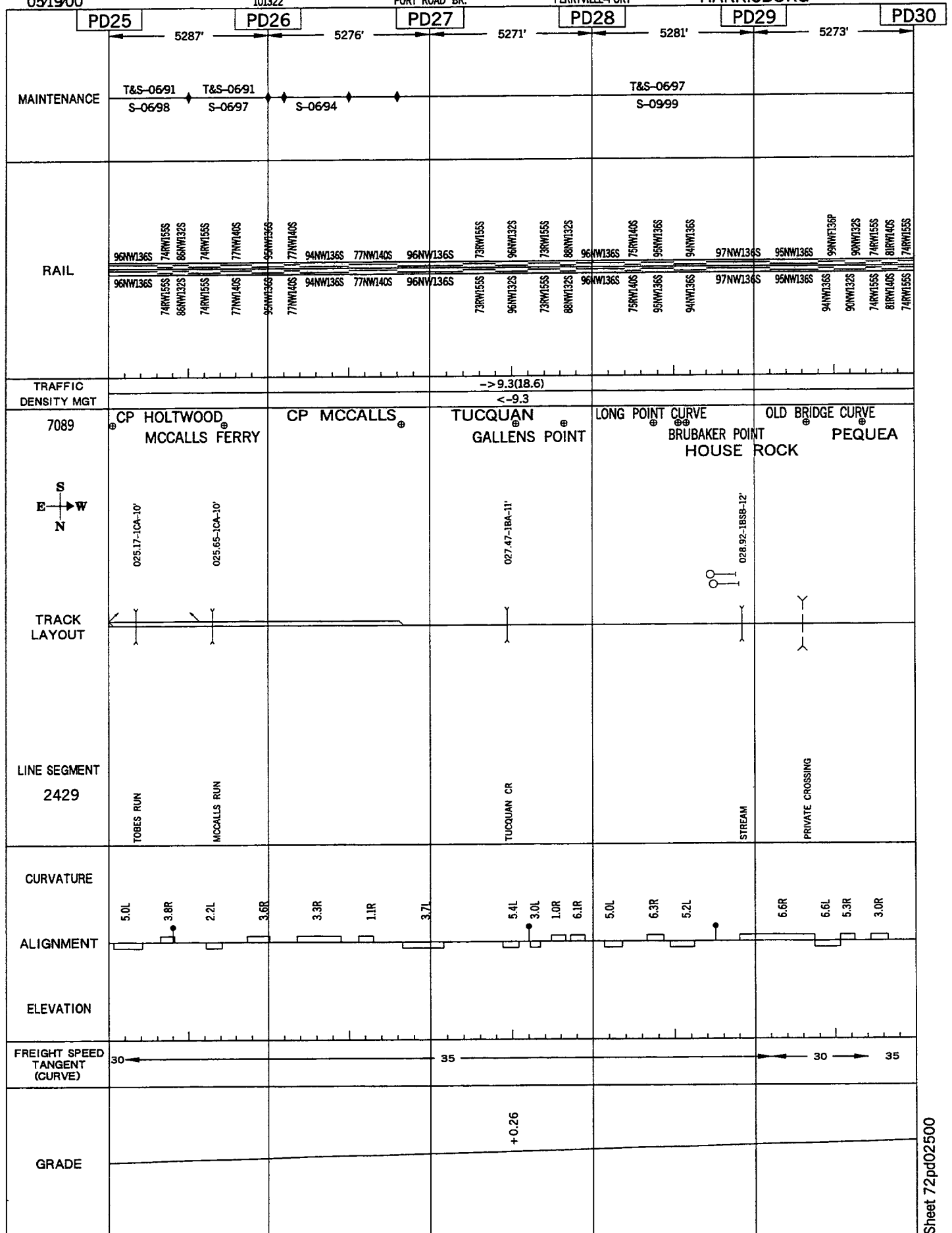
051900

101322

PORT ROAD BR.

PERRYVILLE-PORT

HARRISBURG



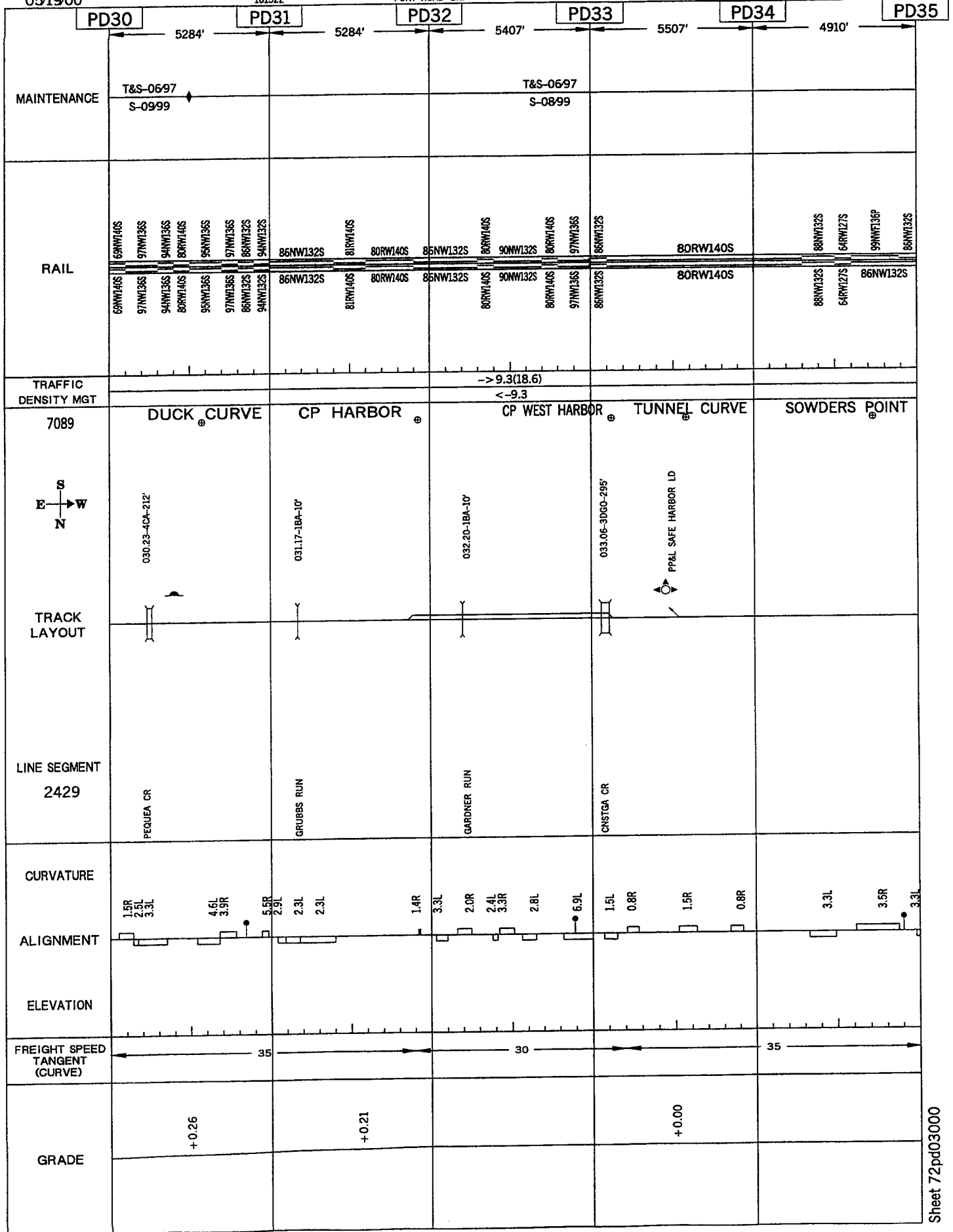
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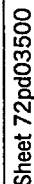
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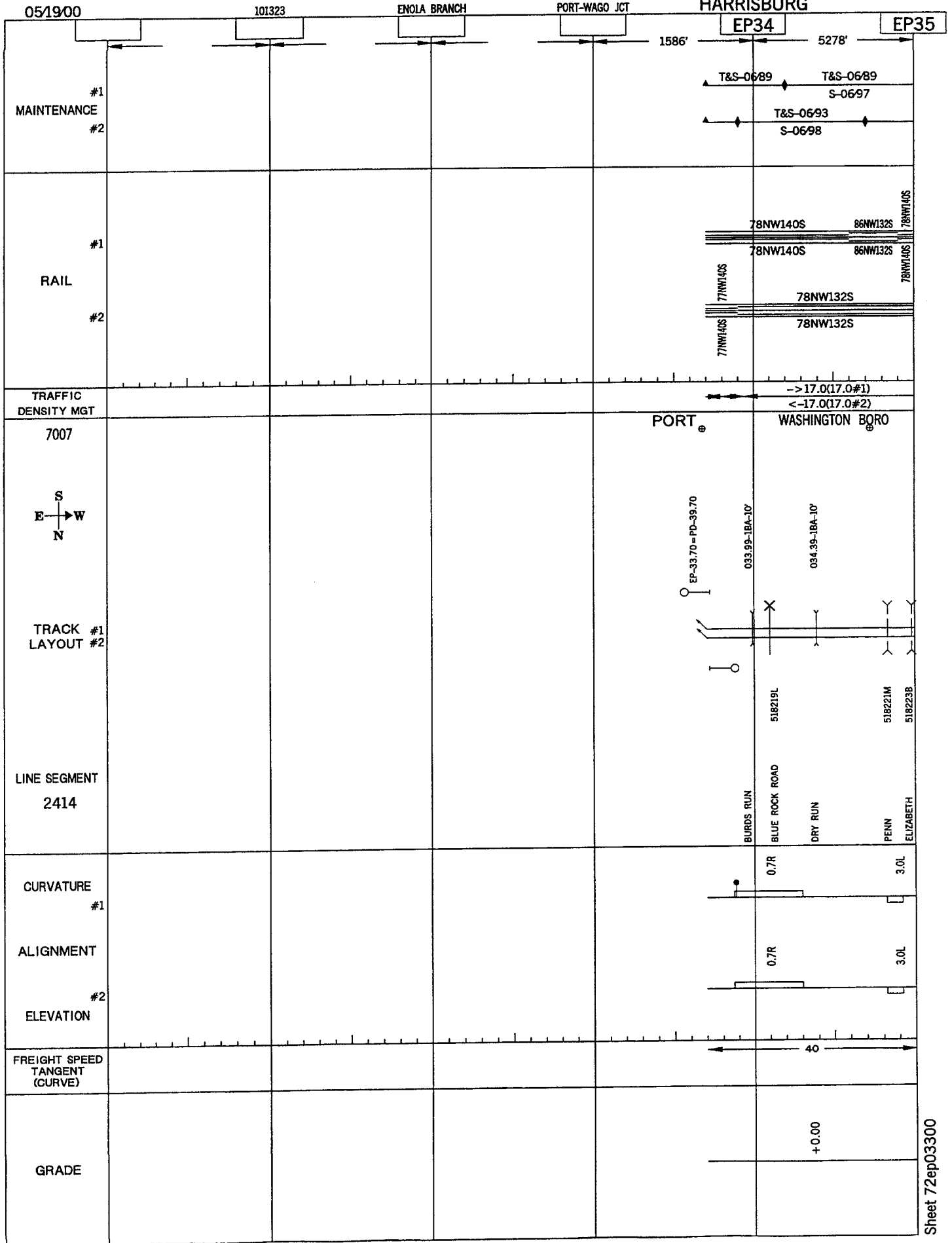
PORT ROAD BR.

PERRYVILLE-PORT

HARRISBURG







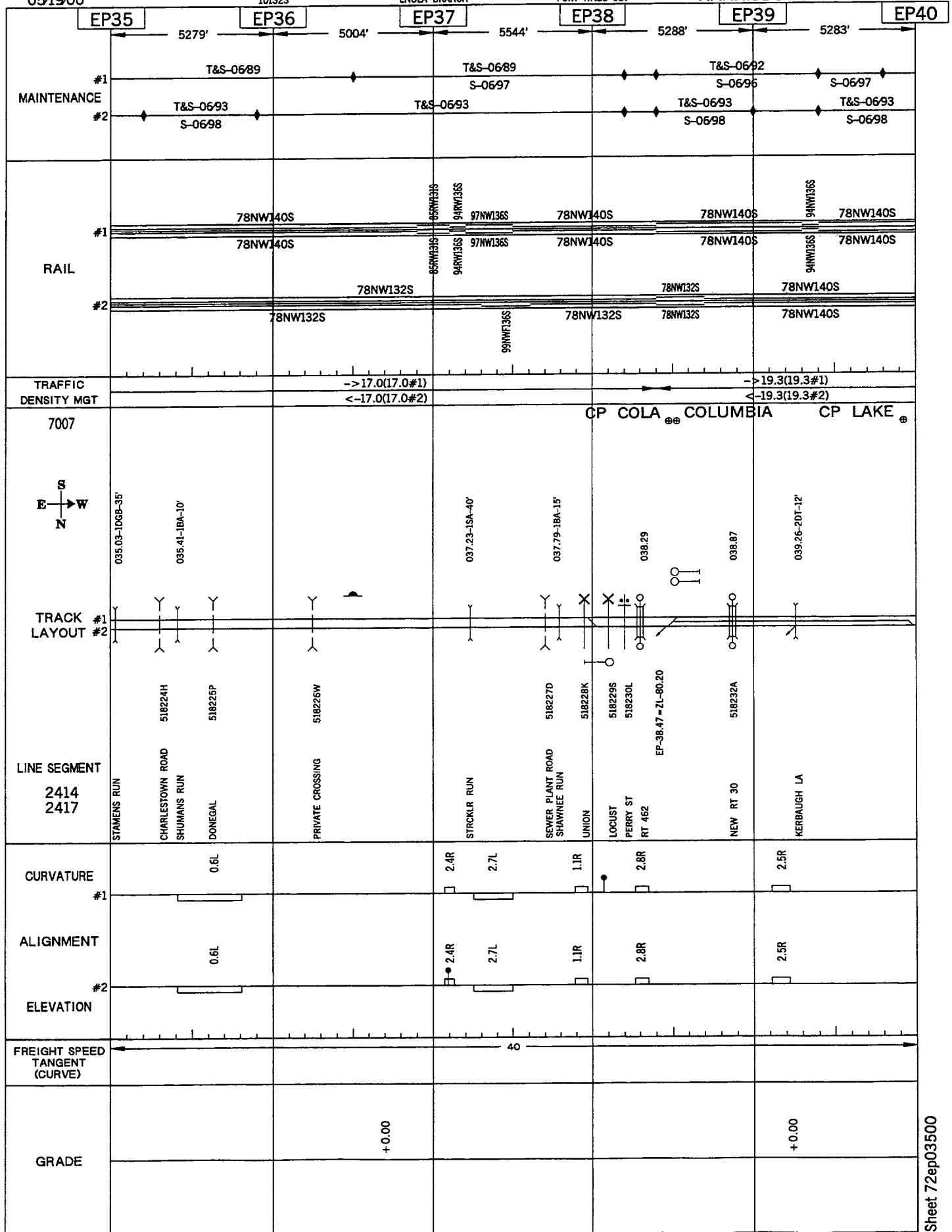
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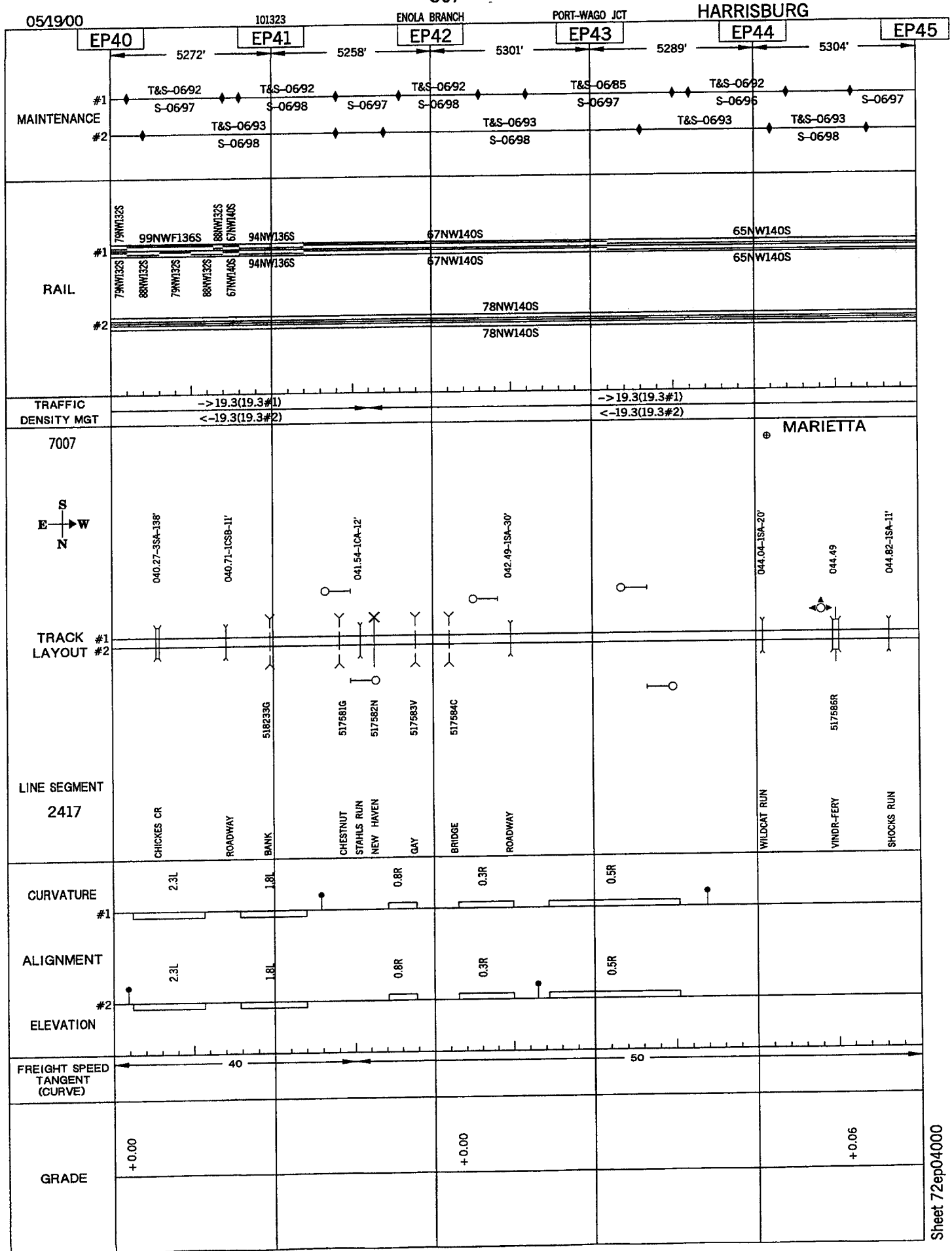
101323

ENOLA BRANCH

PORT-WAGO JCT

HARRISBURG





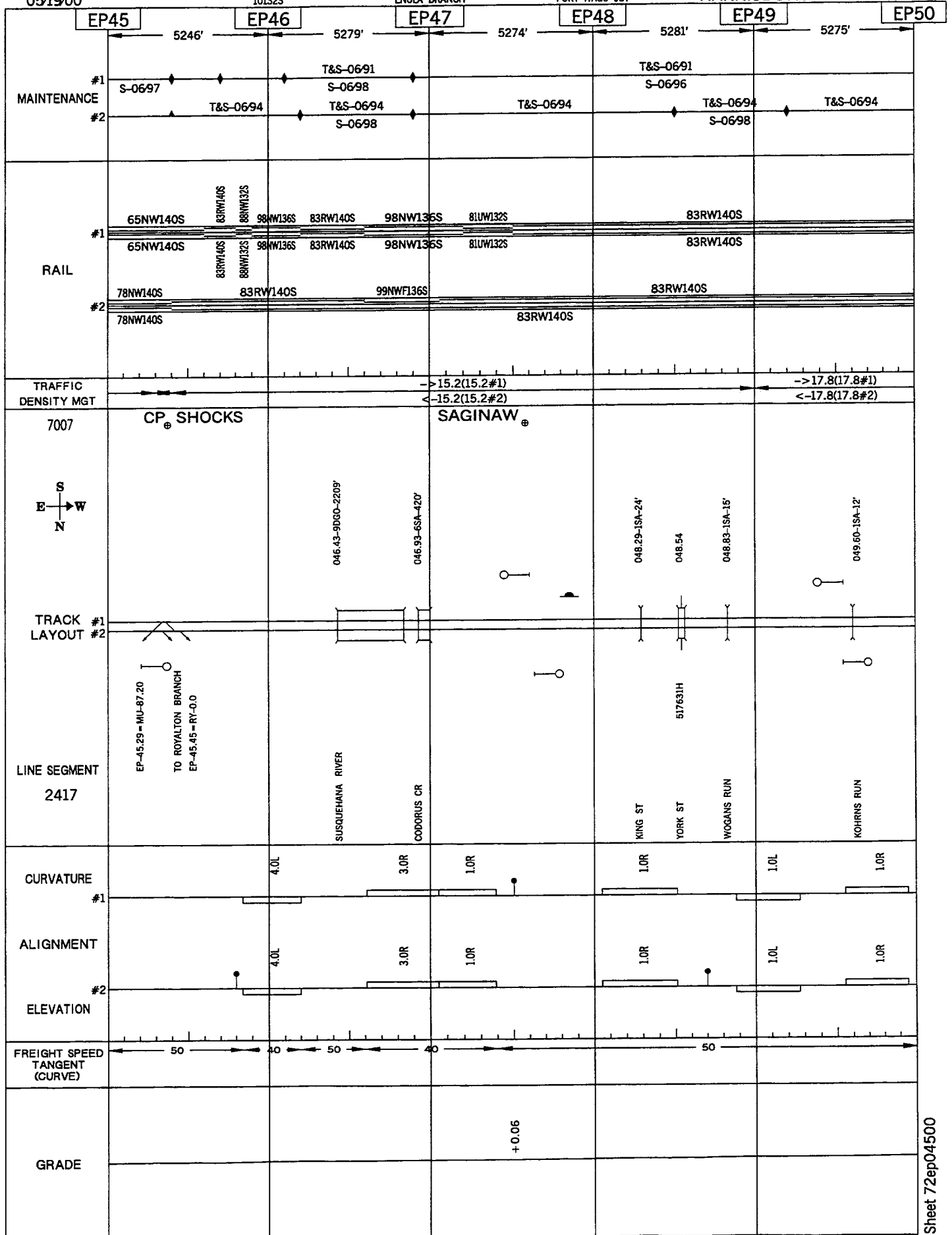
05/1900

101323

ENOLA BRANCH

PORT-WAGO JCT

HARRISBURG



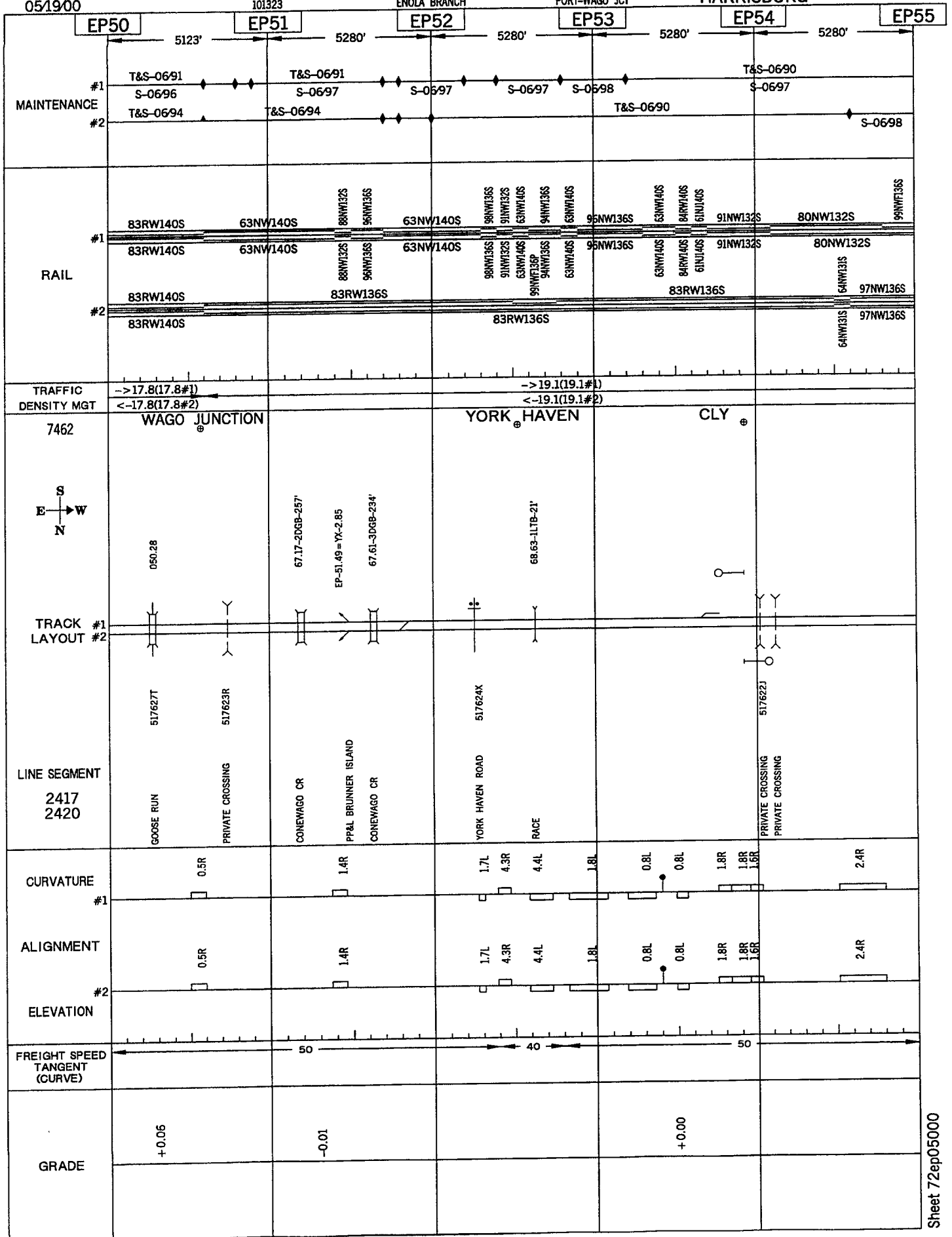
05/19/00

101323

ENOLA BRANCH

PORT-WAGO JCT

HARRISBURG



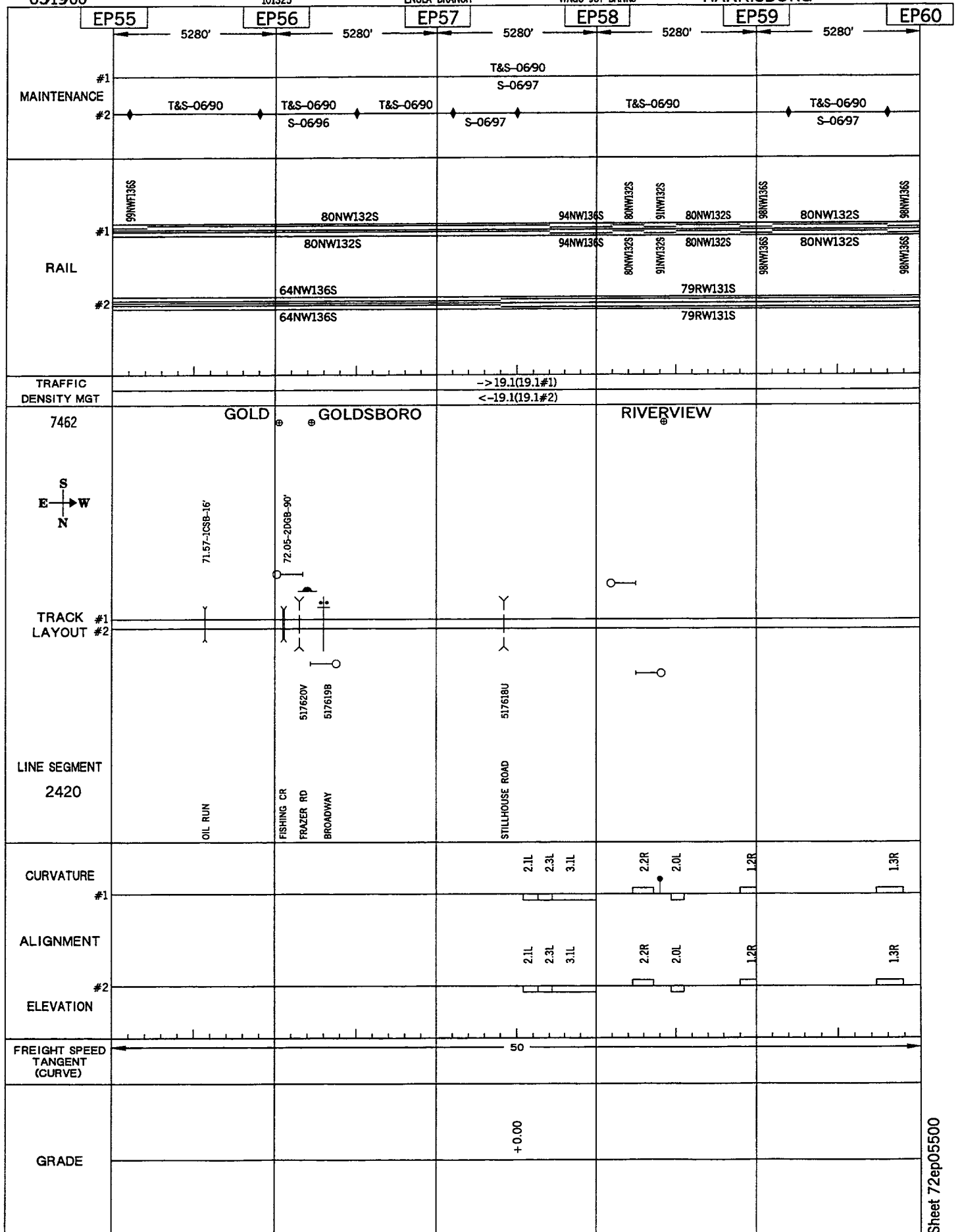
05/19/00

101325

ENOLA BRANCH

WAGO JCT-BANKS

HARRISBURG



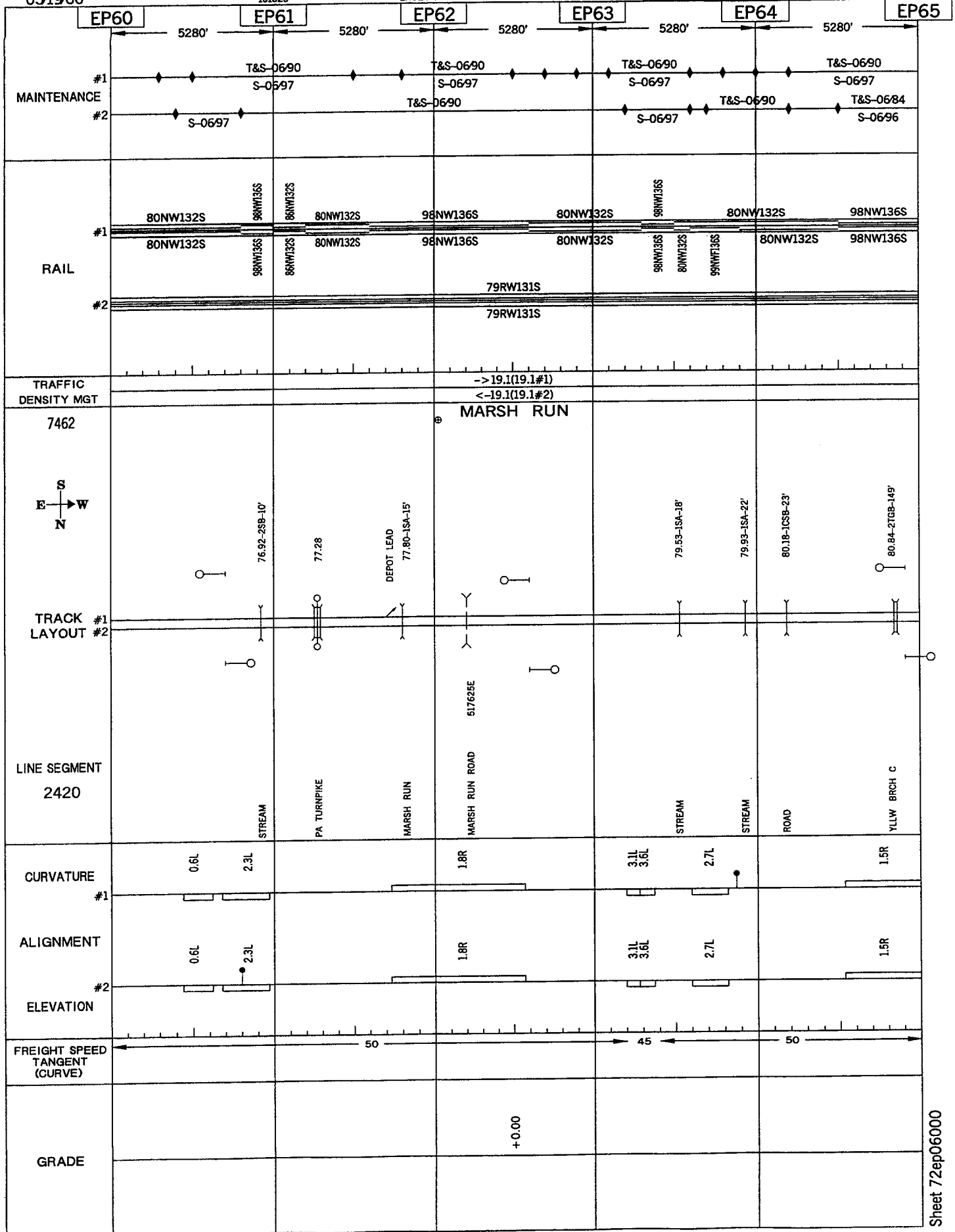
05/19/00

101325

ENOLA BRANCH

WAGO JCT-BANKS

HARRISBURG



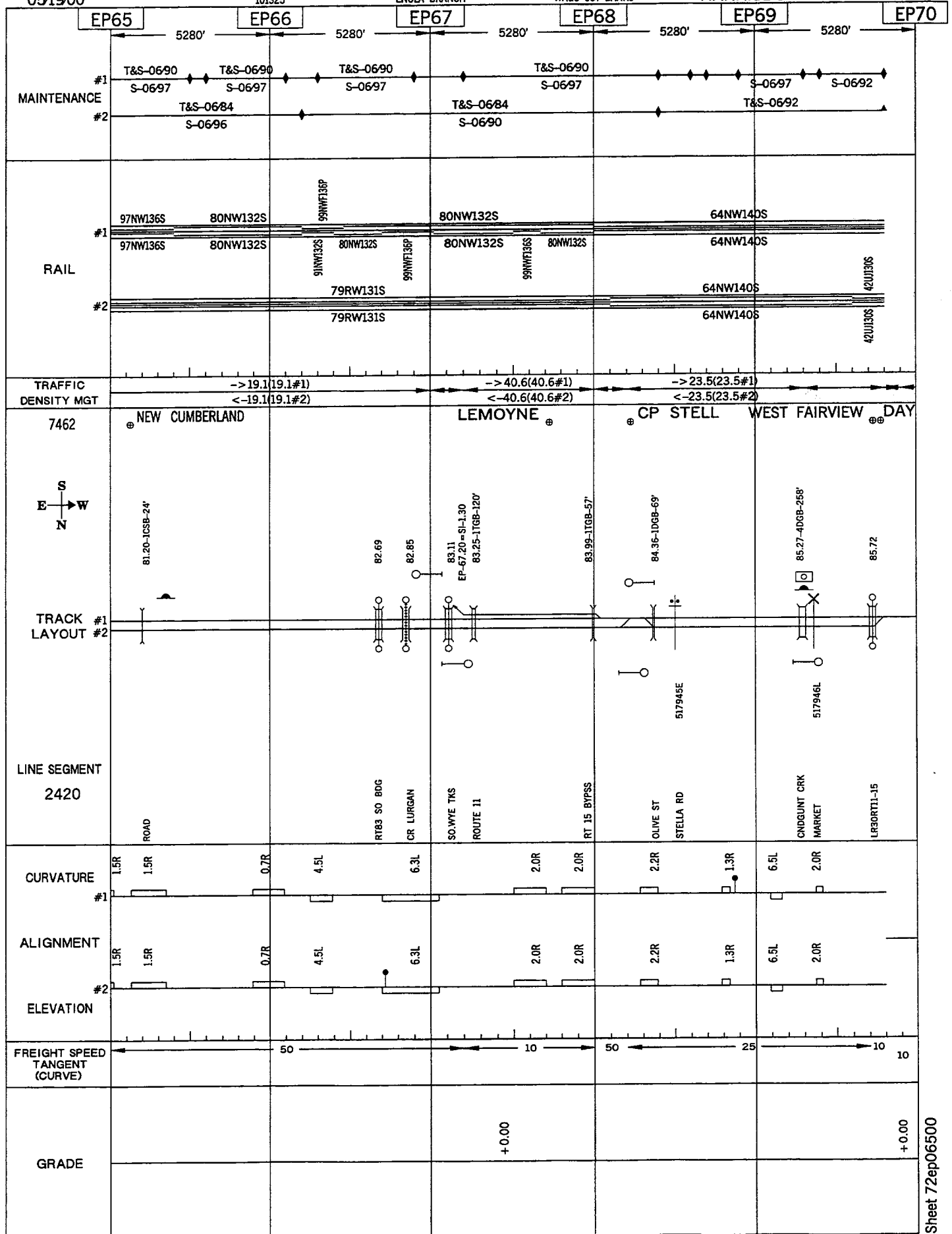
051900

101325

ENOLA BRANCH

WAGO JCT-BANKS

HARRISBURG



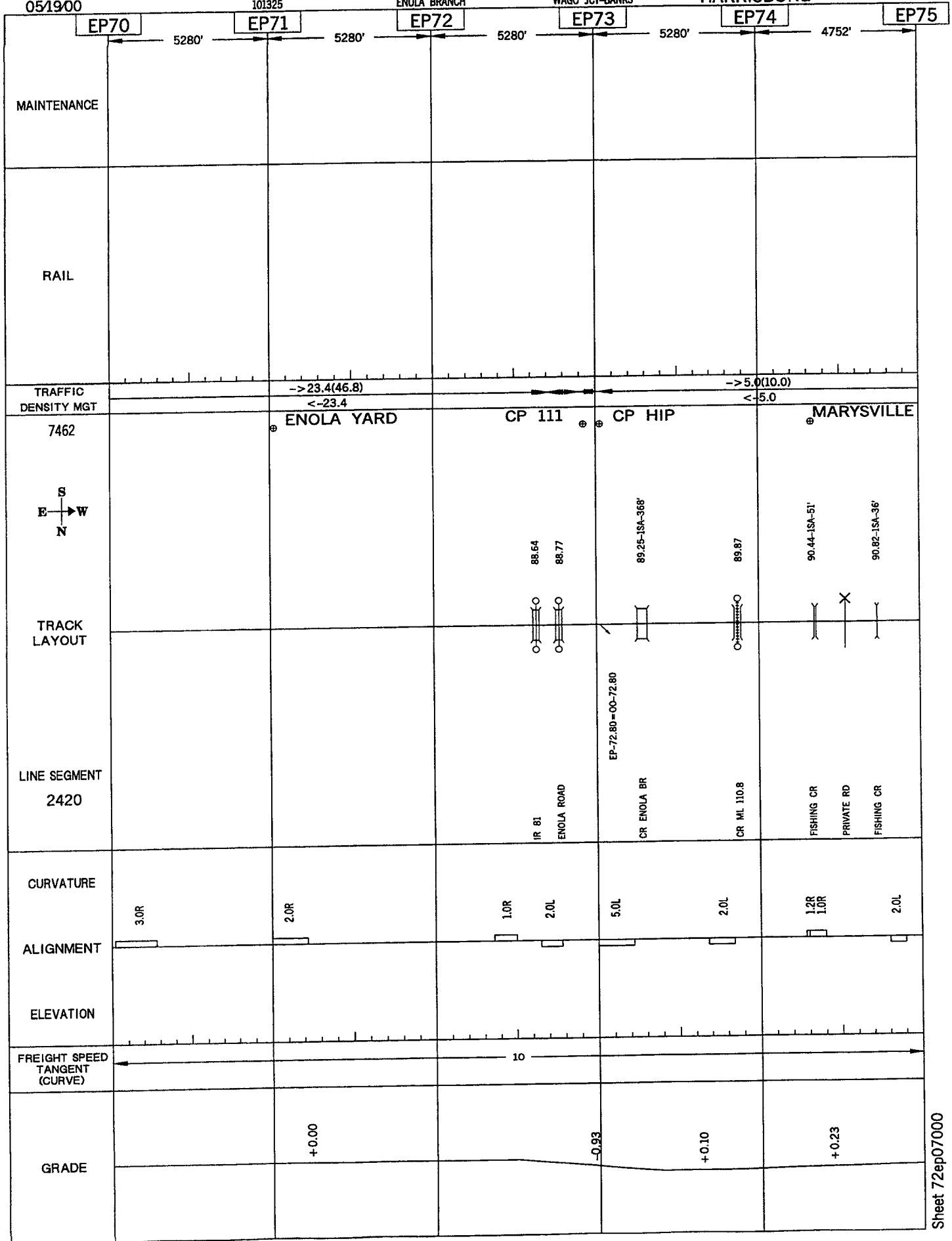
051900

101325

ENOLA BRANCH

WAGO JCT-BANKS

HARRISBURG



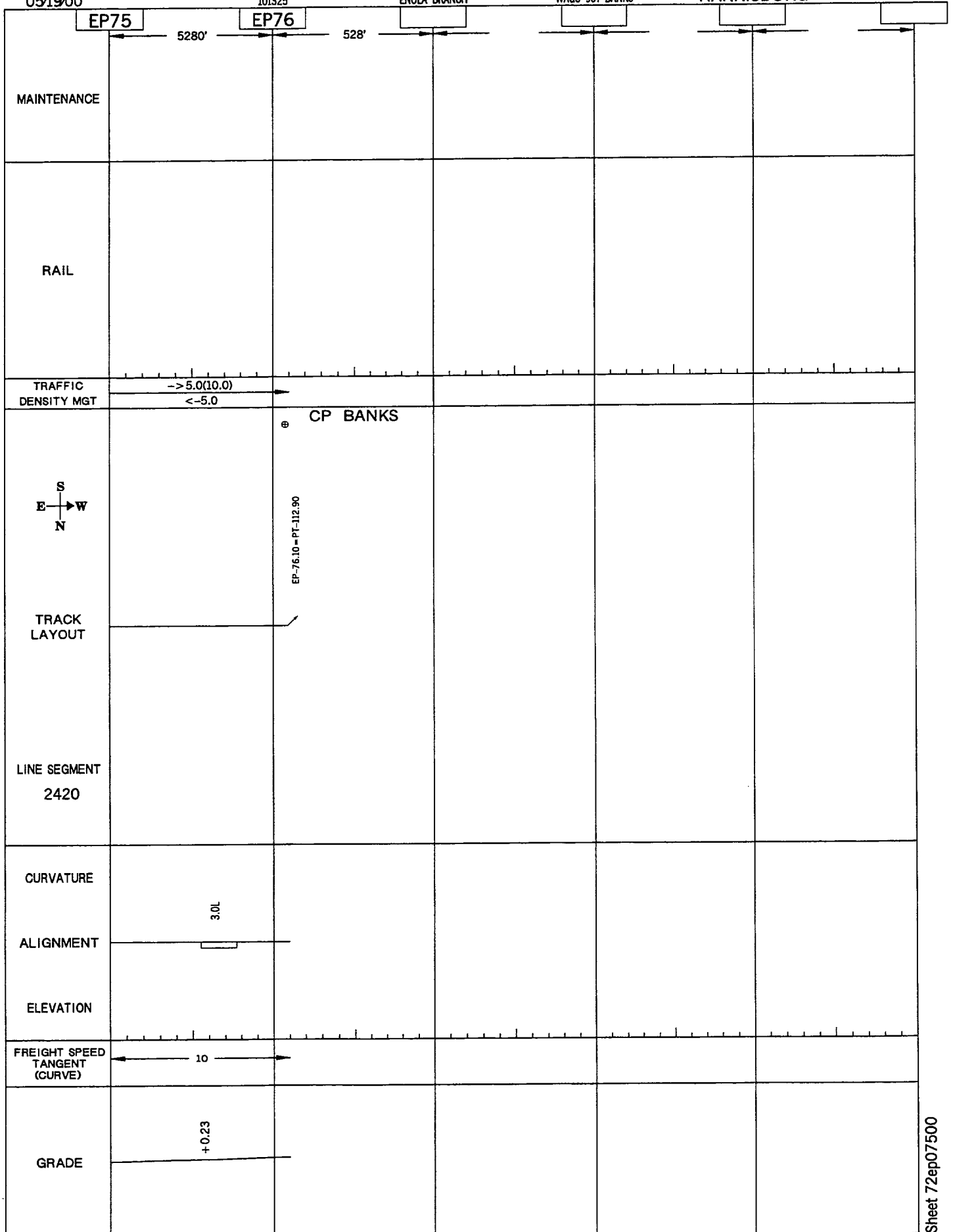
051900

101325

ENOLA BRANCH

WAGO JCT-BANKS

HARRISBURG



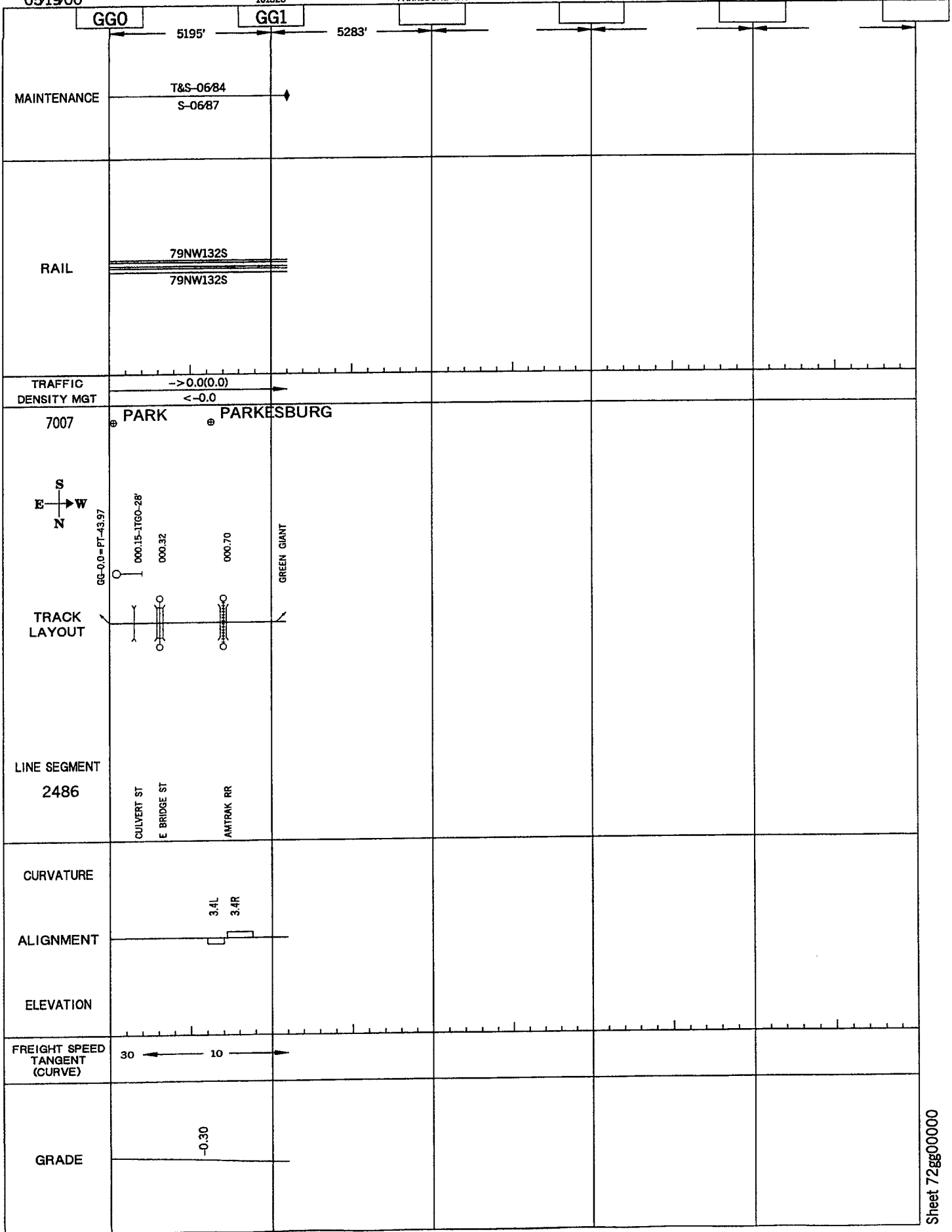
05/19/00

101323

PARKSBURG I.T.

PARK-GIANT

HARRISBURG



051900

101327

COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG

ZL69

ZL70

3168'

5455'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7004

S
E → W
N

TRACK
LAYOUT

LINE SEGMENT
2411

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

→ 0.0(0.0)
← -0.0

⊕ CORK
LANCASTER

⊕ DILLERVILLE YARD

ZL-68.40 = PT-68.27

ZL-68.50 PT-68.47

069.44

DONNELLY

LR36040

1.1L

1.1L

10

-0.40

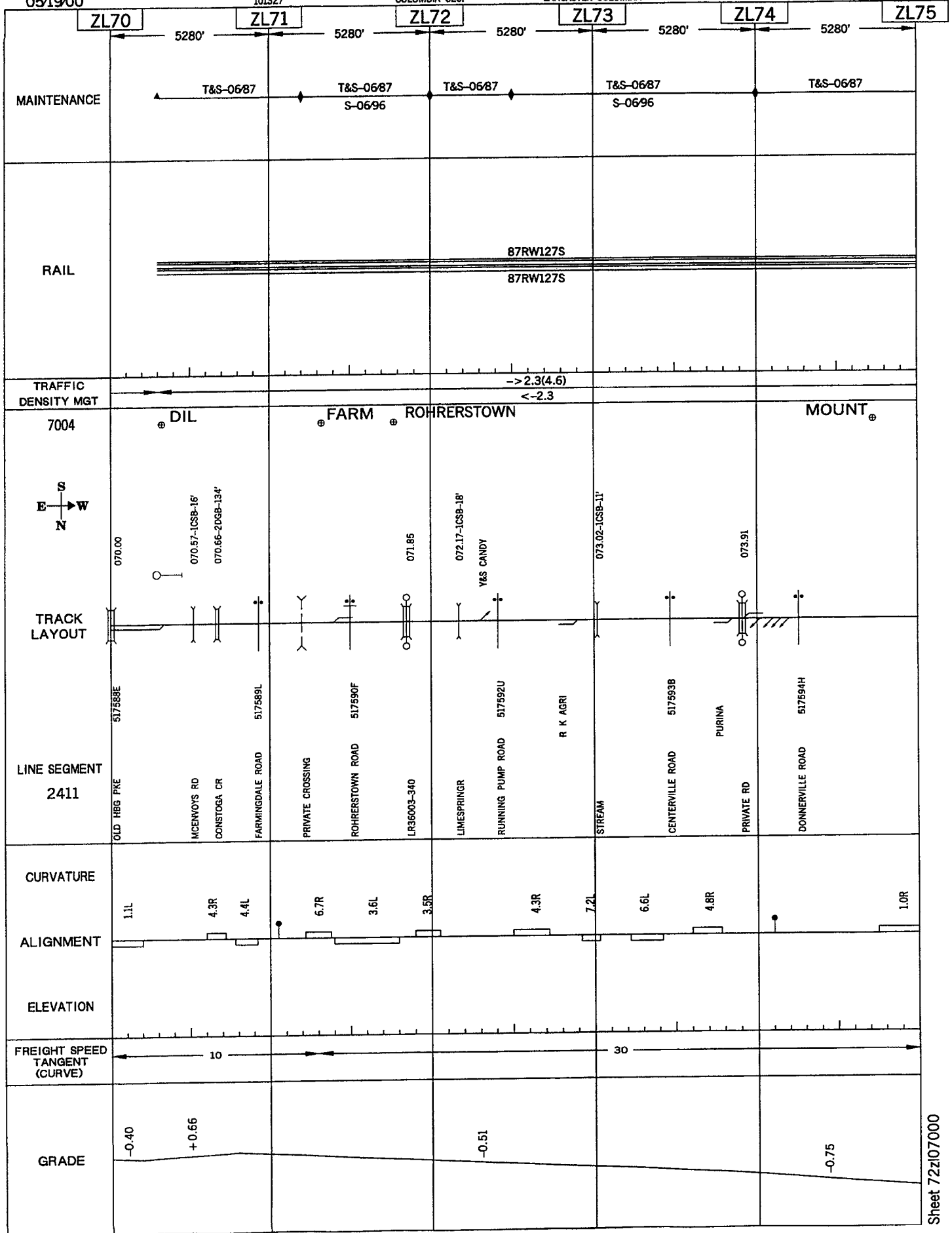
05/1900

101327

COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG



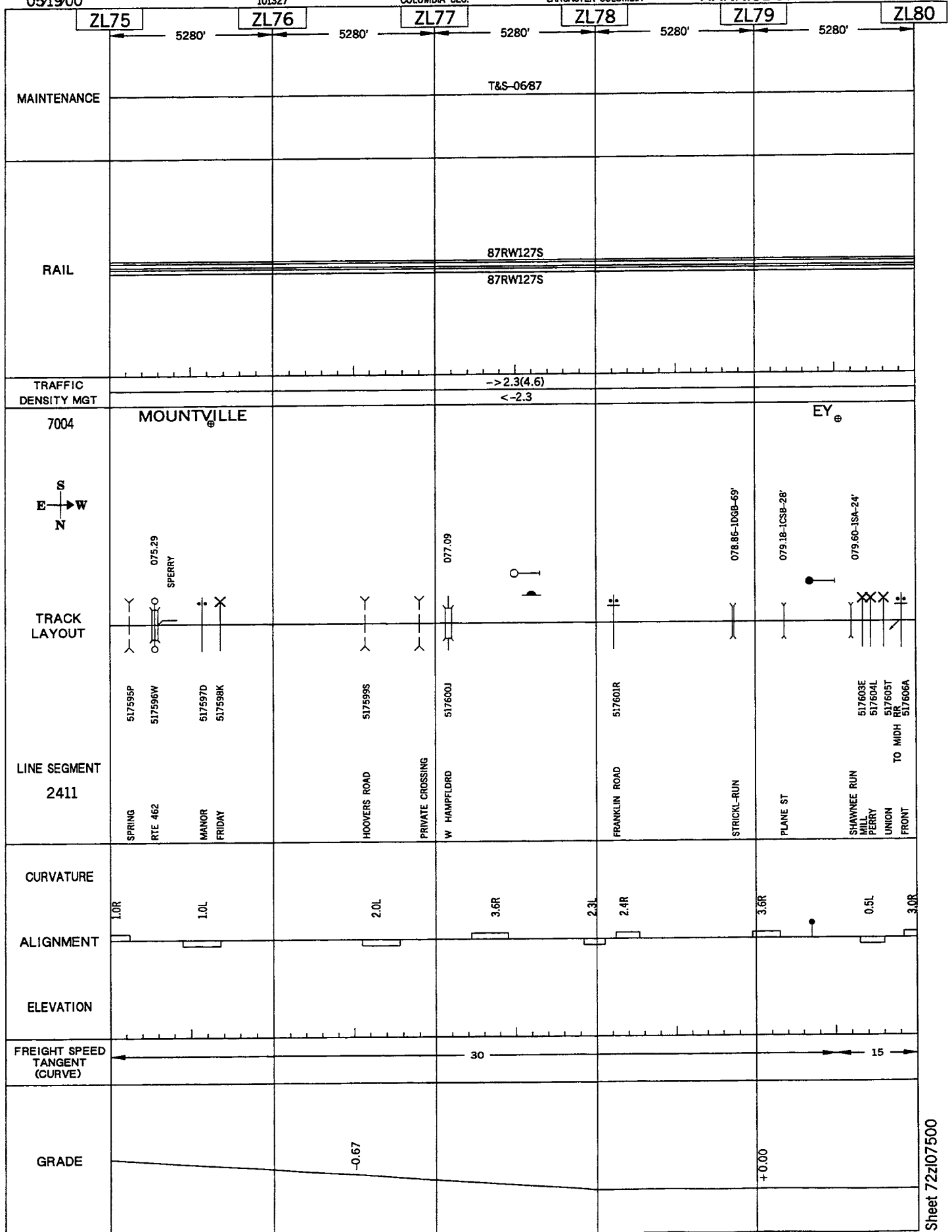
05/19/00

101327

COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG



05/19/00

101327

COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG

ZL80

5105'

MAINTENANCE

RAIL

87RW127S
87RW127S

TRAFFIC
DENSITY MGT

⊕ CP COLA

S
E → W
N

TRACK
LAYOUT

LINE SEGMENT
2411

080.20



ZL-80.20 = EP-38.47

LOCUST ST
WALNUT ST
RT 462

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

15

GRADE

+0.00

051900

101327

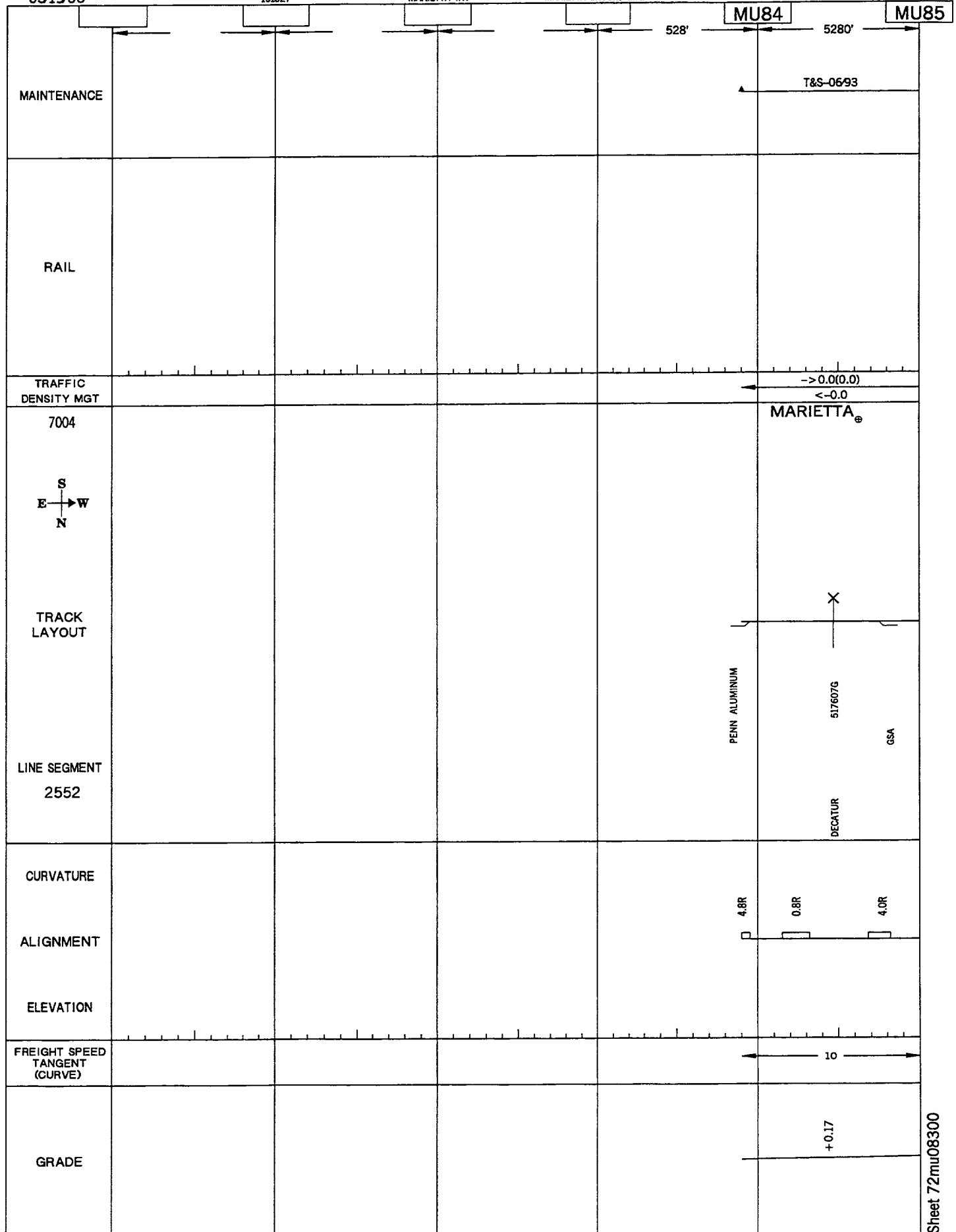
MARIETTA I.T.

MARIETTA-SHOCKS MILLS

HARRISBURG

MU84

MU85



051900

101327

321

MARIETTA I.T.

MARIETTA-SHOCKS MILLS

HARRISBURG

MU85

MU86

MU87

5280'

5280'

1562'

MAINTENANCE

T&S-0693

RAIL

TRAFFIC
DENSITY MGT
 $\rightarrow 0.0(0.0)$
 $\leftarrow -0.0$

SHOCKS MILLS

⊕ ⊕ CP SHOCKS

7004
7007
 S
 E → W
 N
TRACK
LAYOUT

086.09-ICSB-14'

086.88-ICSB-18'

WILDCAT RUN

VINEGAR FERRY RD 517608N

SHOCKS RUN PRIVATE

MU-87.20 = EP-45.29

LINE SEGMENT
2552

CURVATURE

2.0R

1.5L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.08

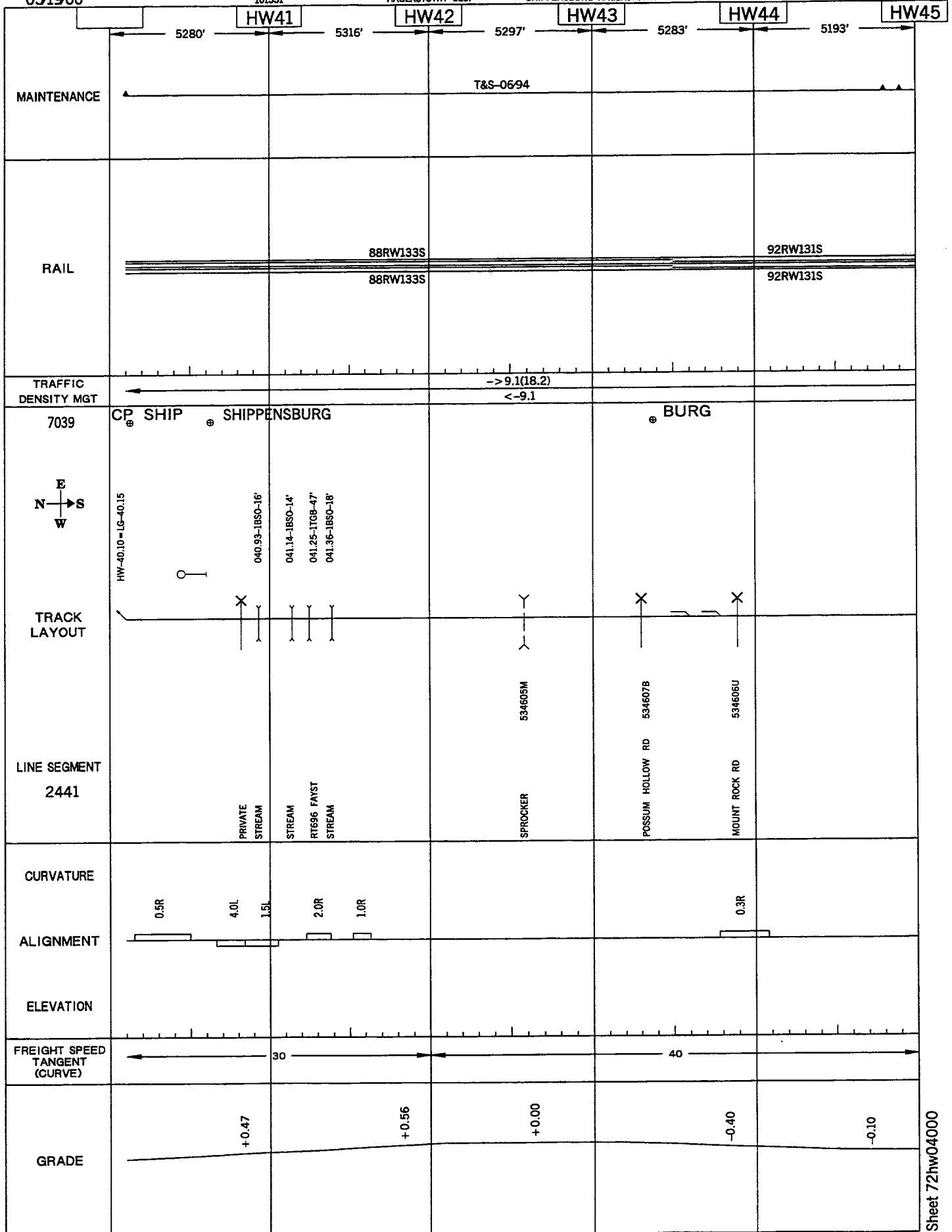
051900

101331

HAGERSTOWN SEC.

SHIPPENSBURG-HAGERSTOWN

HARRISBURG



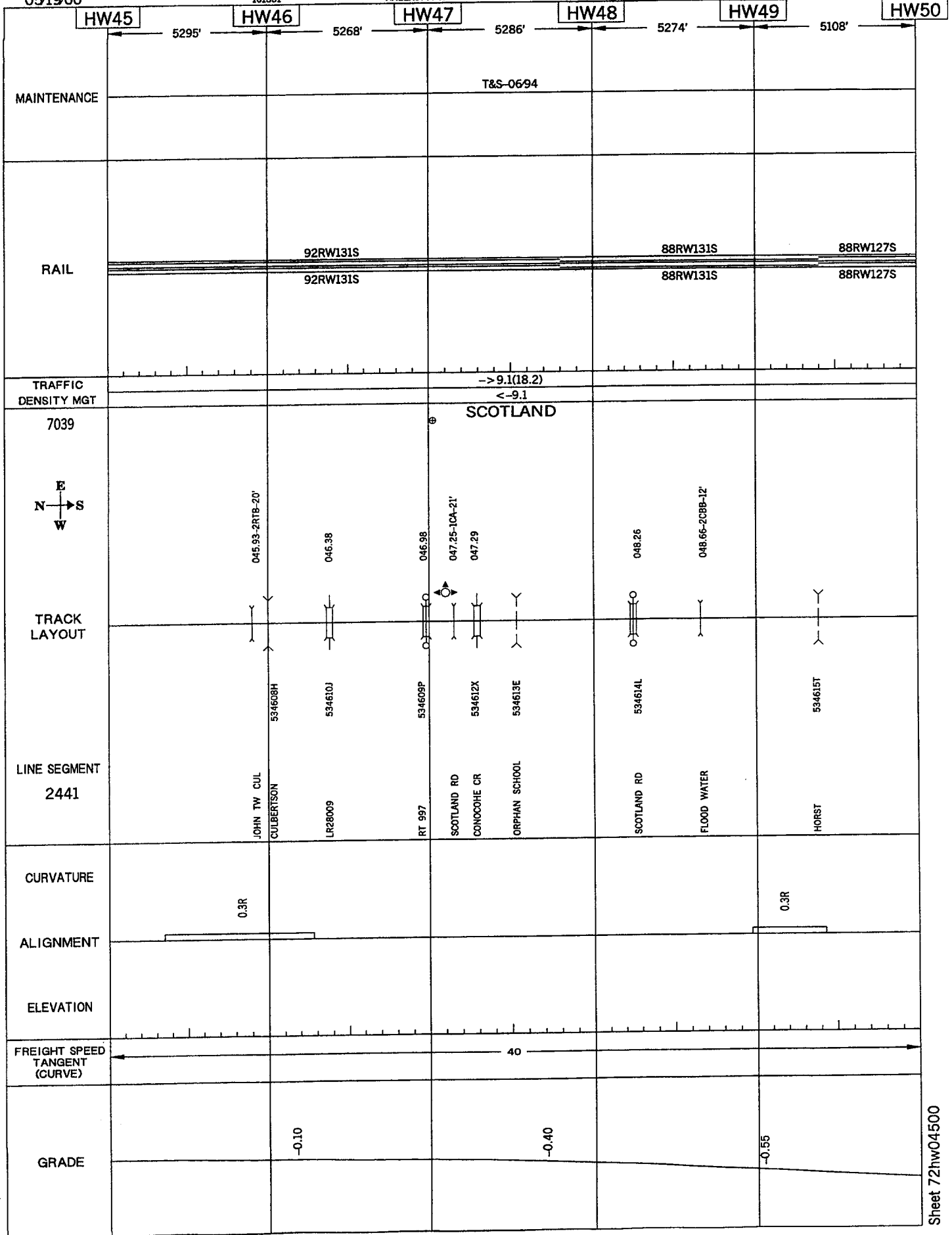
05/19/00

101331

HAGERSTOWN SEC.

SHIPPENSBURG-HAGERSTOWN

HARRISBURG



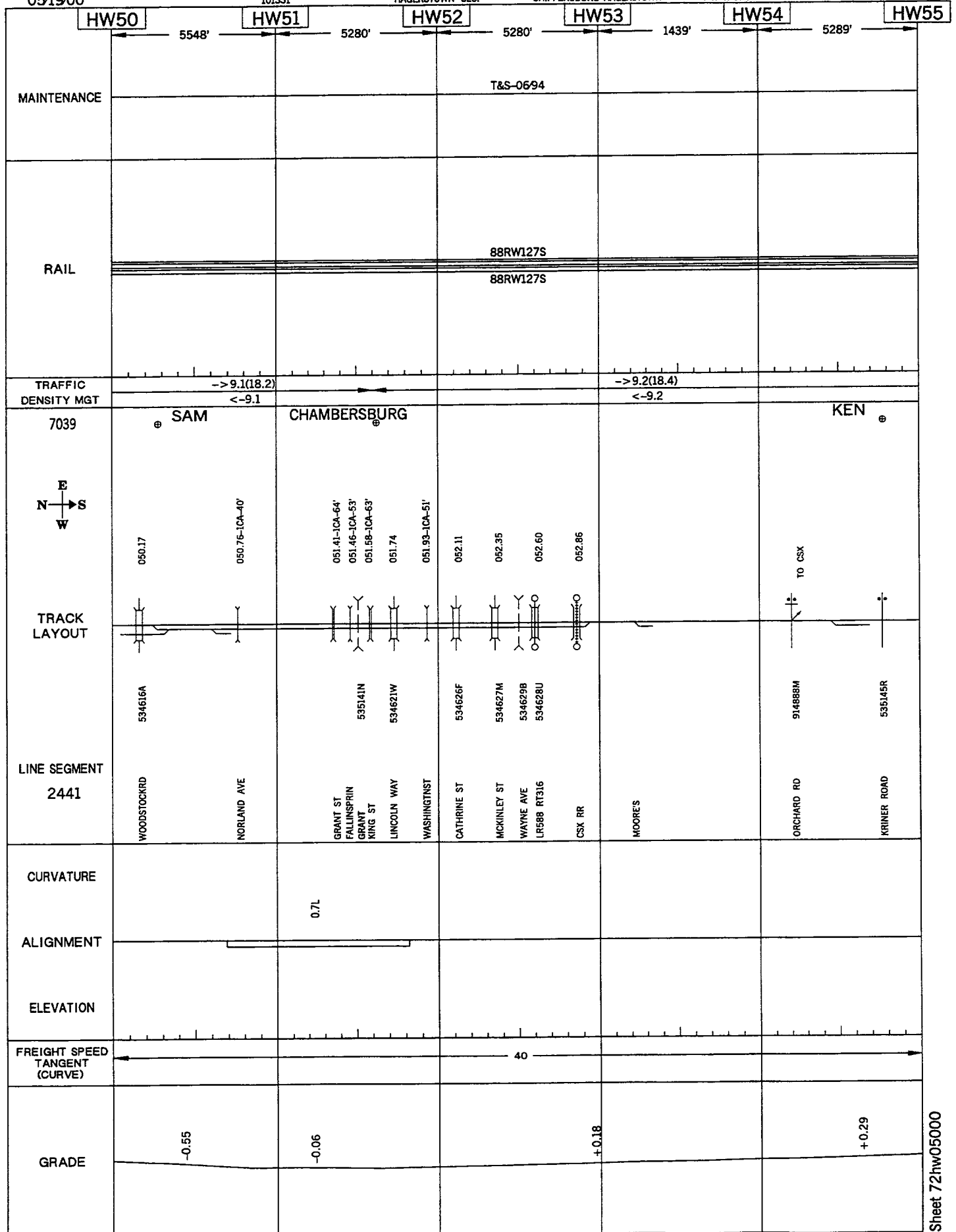
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101331

HAGERSTOWN SEC.

SHIPPENSBURG-HAGERSTOWN

HARRISBURG



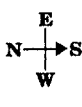
051900

101331

HAGERSTOWN SEC.

SHIPPENSBURG-HAGERSTOWN

HARRISBURG

	HW55	HW56	HW57	HW58	HW59	HW60
	5285'	5286'	5322'	5274'	5276'	
MAINTENANCE			T&S-06/93			
RAIL			88RW127S			
			88RW127S			
TRAFFIC DENSITY MGT			-> 9.2(18.4) <- 9.2			
7039				MARION		
						
TRACK LAYOUT	X	Y X	Y X	X		
LINE SEGMENT 2441	535146X GUILFORD SPRINGS RD	535147E PRIVATE CROSSING 535148L LIGHTHOUSE	535149T PRIVATE CROSSING 535150M OVERCASH ROAD	535151U ALLEMAN 535152B WILLARD AGRI S 3RD STREET	535153H SWAMP FOX RD 535154P COLORADO ST-SR 914	535155W HARTMAN RD 535156D LR28032
					HW-59.06 = FI-59.00	
CURVATURE		0.3R	0.3L	1.0L	1.0R	1.0L
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			40			
GRADE	+0.29	-0.26	+0.18	-0.09	-0.40	+0.17

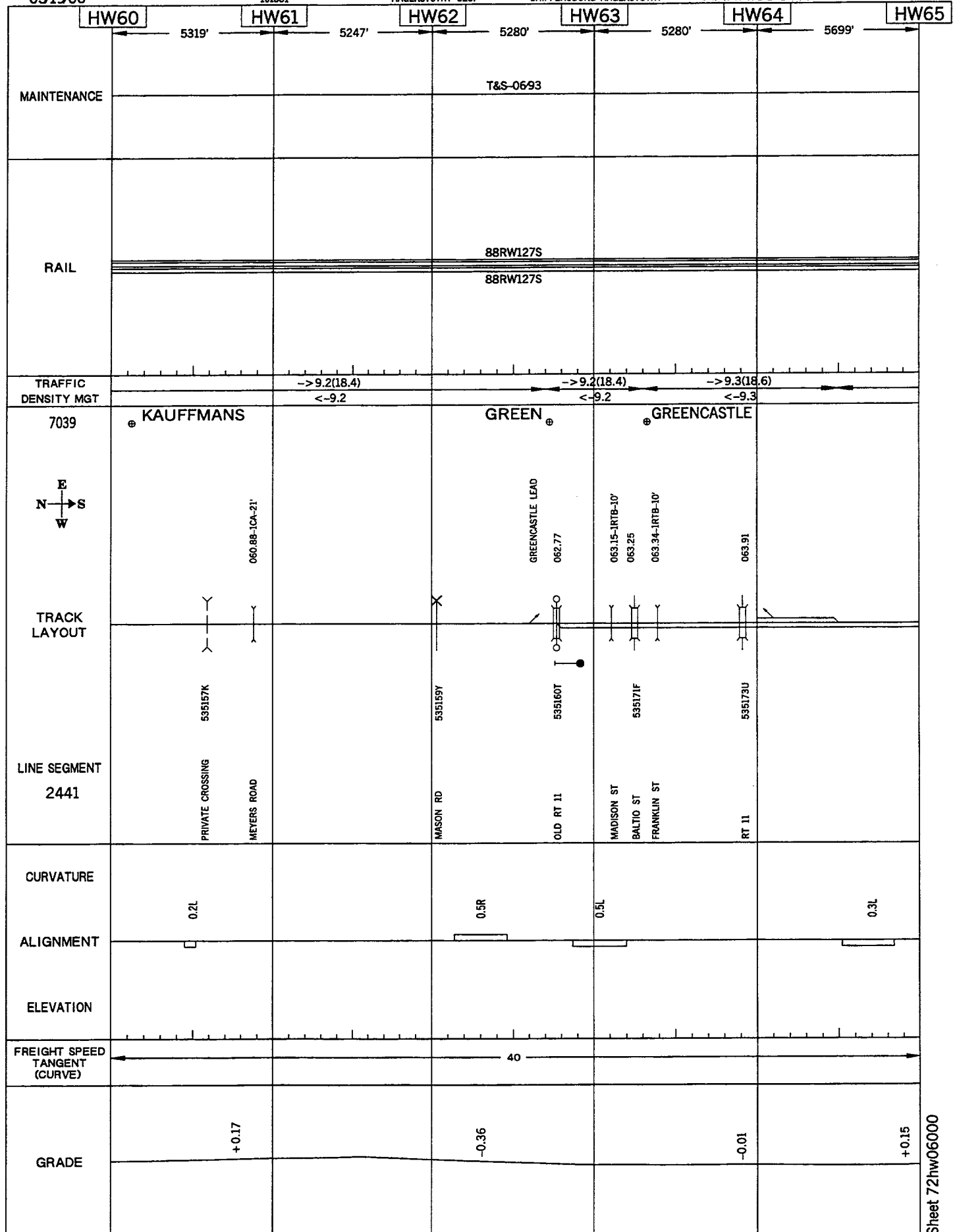
05/19/00

101331

HAGERSTOWN SEC.

SHIPPENSBURG-HAGERSTOWN

HARRISBURG



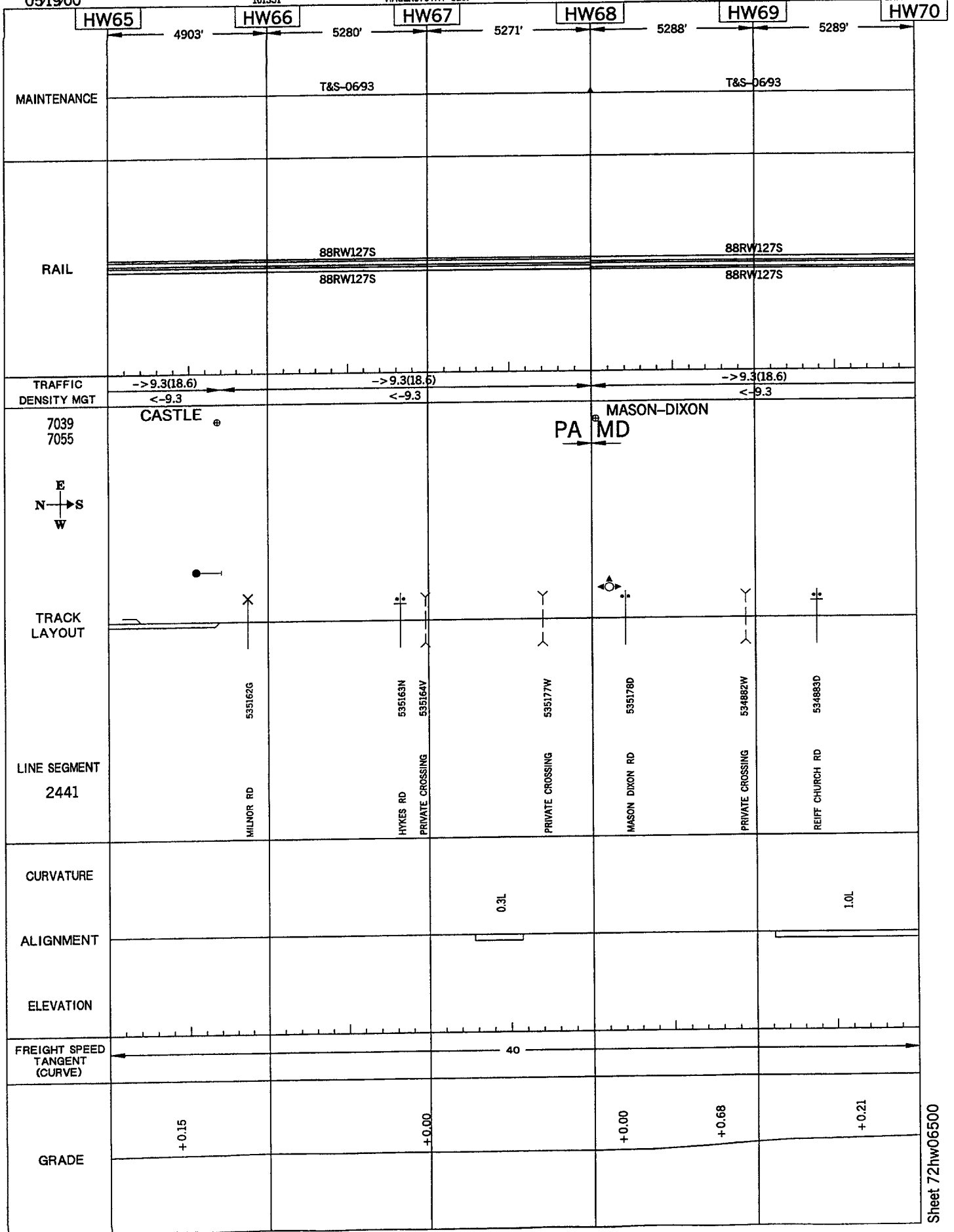
05/19/00

101331

HAGERSTOWN SEC.

SHIPPENSBURG-HAGERSTOWN

HARRISBURG



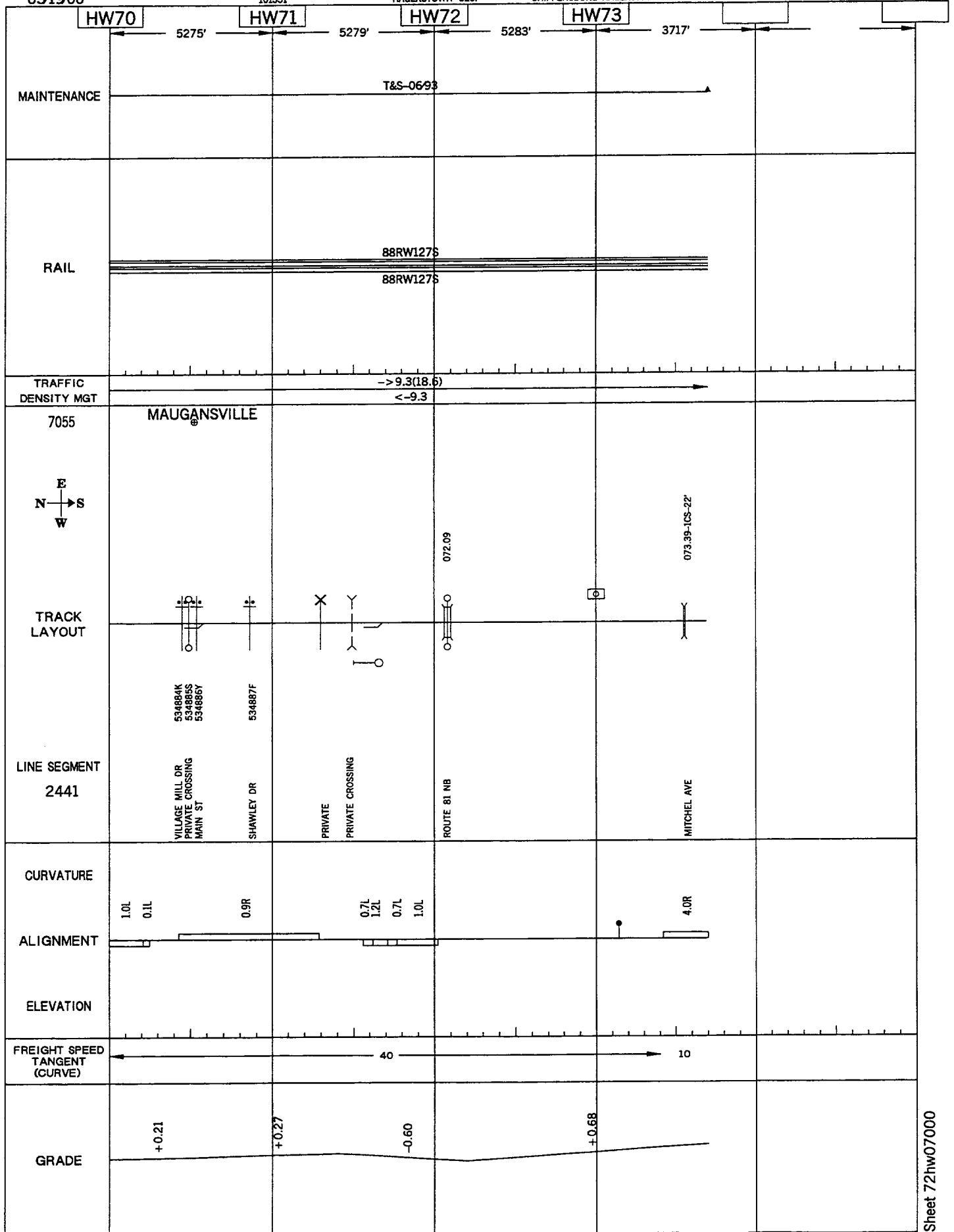
051900

101331

HAGERSTOWN SEC.

SHIPPENSBURG-HAGERSTOWN

HARRISBURG



05/19/00

101331

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG

SI2

SI3

SI4

SI5

5280'

5281'

5207'

5332'

MAINTENANCE

T&S-0689

T&S-0689

RAIL

48U130S
98RW131S
98RW131S
48U130S

20NJ100S

20NJ100S

20NJ100S

20NJ100S

TRAFFIC
DENSITY MGT

->1.2(2.4)

<-1.2

->1.0(2.0)

<-1.0

7039

CP STELL

LEMOYNE

HOWELL

CAMP HILL

SHIREMANSTOWN YD

SHIREMANSTOWN

TRACK
LAYOUTLINE SEGMENT
2444

SI-1.30=EP-67.20

001.55

517930P

LR250 RT11

002.41-2850-26'

002.51

002.84

PUB DELIV

LR123 RT 15

CAMPHILBYS

SI-3.35 /LG-2.90

003.93

517936F

LR21070 32S

004.49-18A-16'

517937M

ST JOHNS CHURCH

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

+0.81

-0.11

+0.41

+0.23

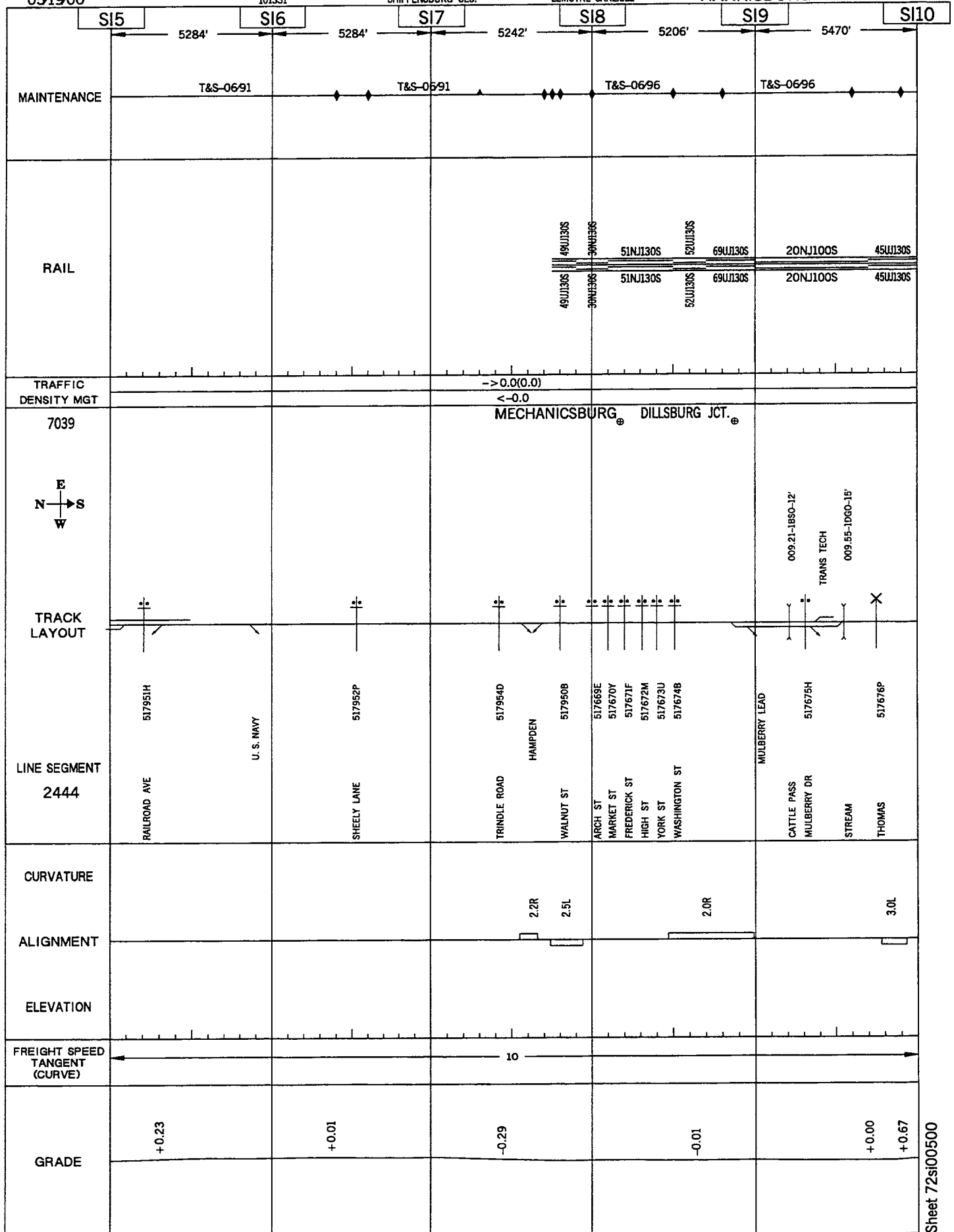
05/1900

101331

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



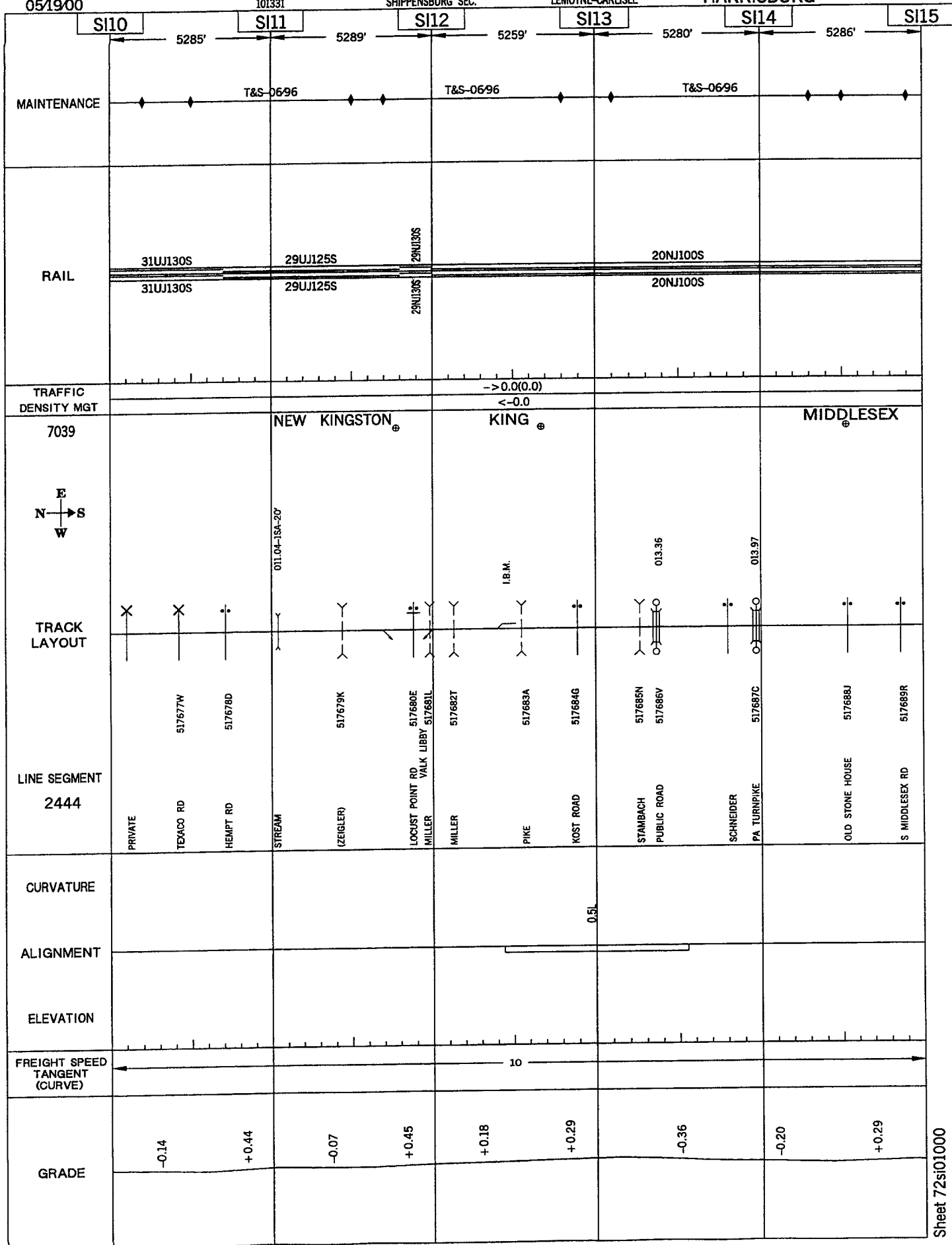
05/19/00

101331

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



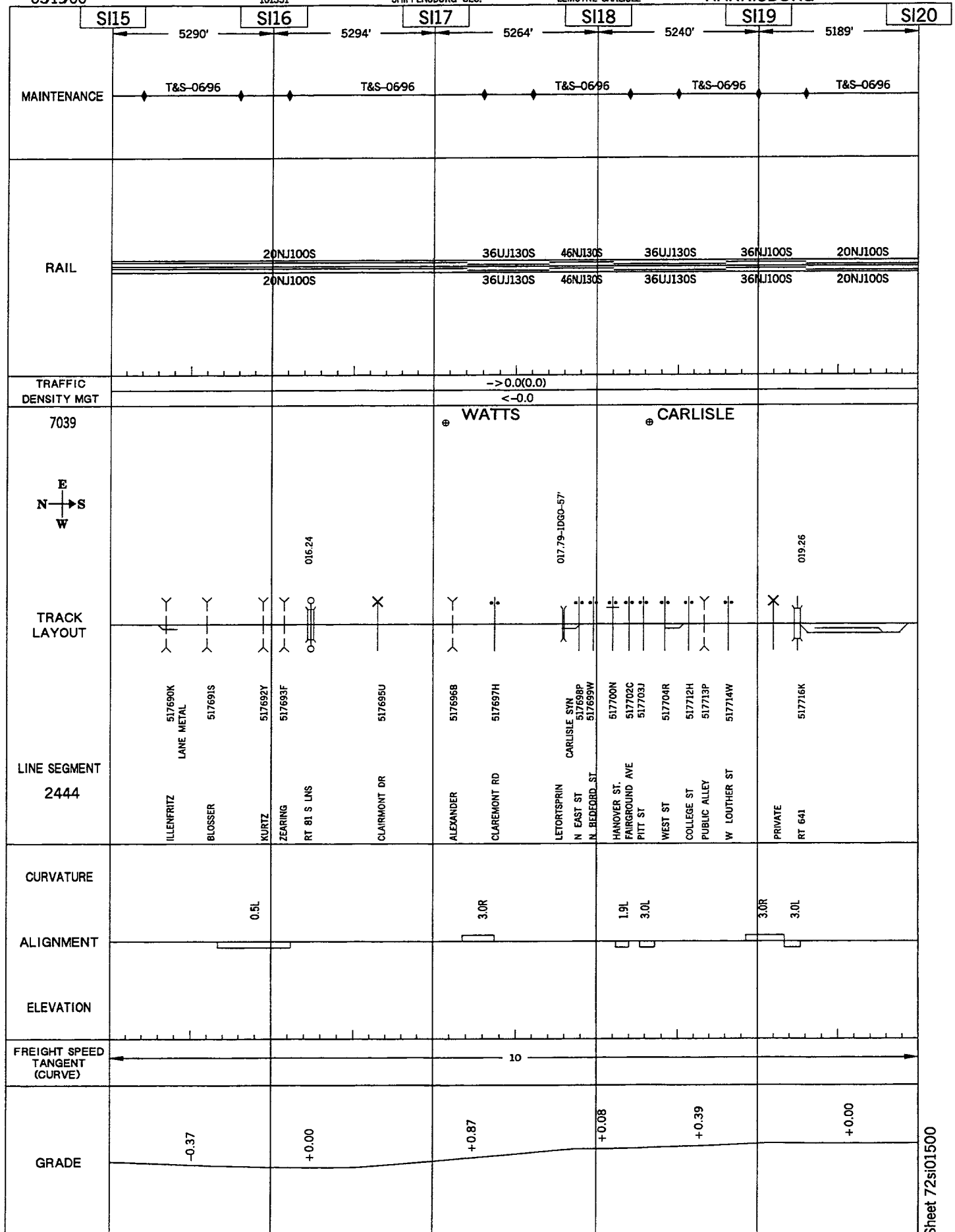
05/19/00

101331

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



333

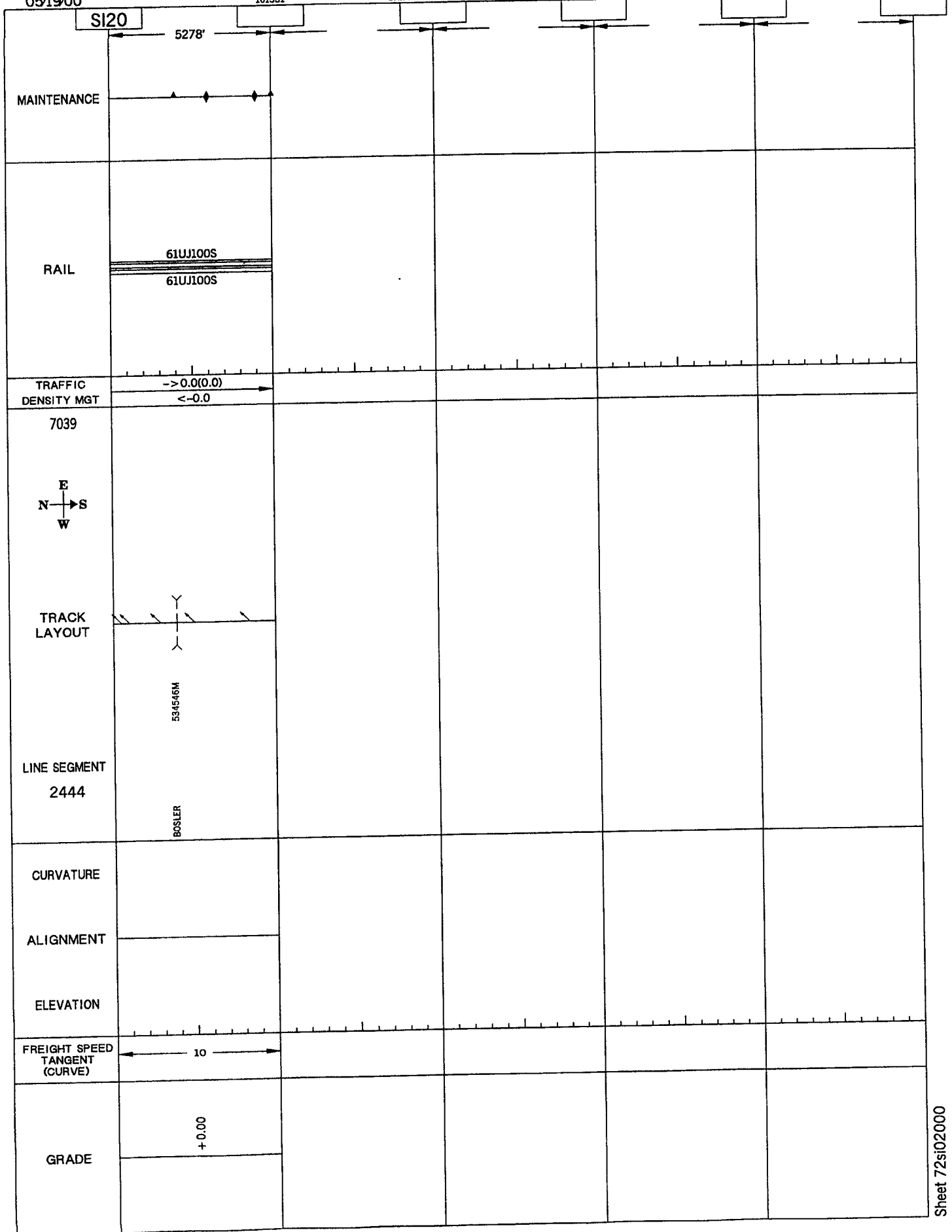
05/19/00

101331

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



05/19/00

101340

YORK I.T.

STONE BROOK-YORK

HARRISBURG

YR8

YR9

YR10

5280'

5280'

5280'

MAINTENANCE

T&S-0687

RAIL

32UJ125S	29UJ130S	32UJ125S	28NJ130S	37NJ130S	20NJ100S
32UJ125S	29UJ130S	32UJ125S	28NJ130S	37NJ130S	20NJ100S

TRAFFIC
DENSITY MGT
 $\rightarrow 0.2(0.4)$
 < -0.2

7007

STONEBROOK

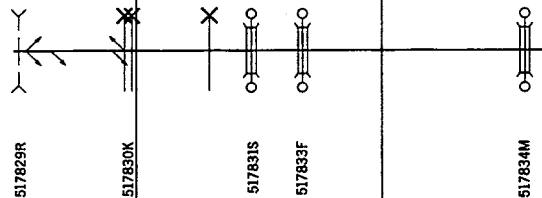
S
E → W
N

TRACK
LAYOUT

008.47

008.69

009.59

LINE SEGMENT
2882

517829R

517830K

517831S

517833F

517834M

LRT0691-B

CAMPBELL ROAD

STONE WOOD ROAD
PRIVATEPRIVATE
RTE 462

YORK-CO-HOM

CURVATURE

0.5R

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.58

-0.53

-0.18

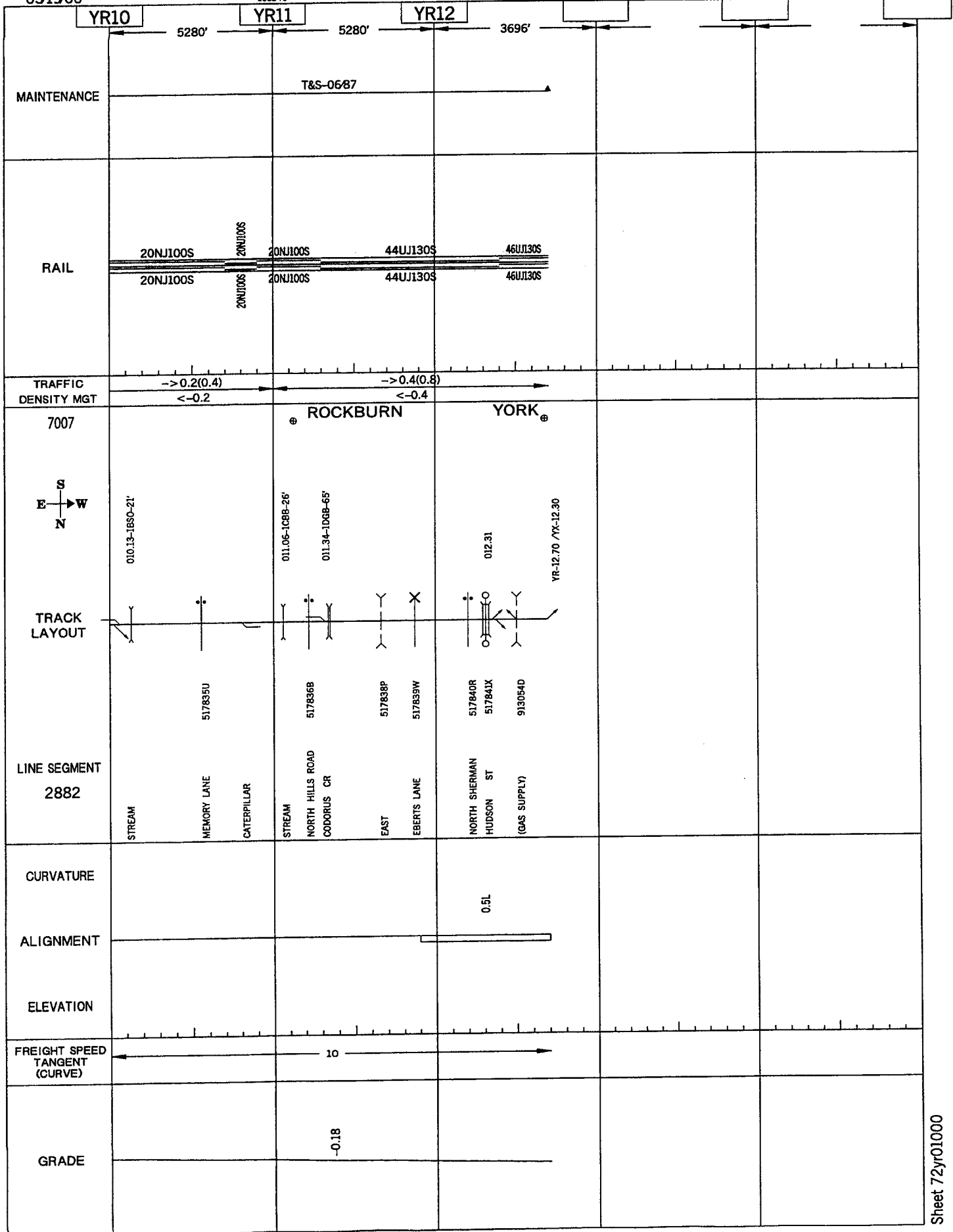
051900

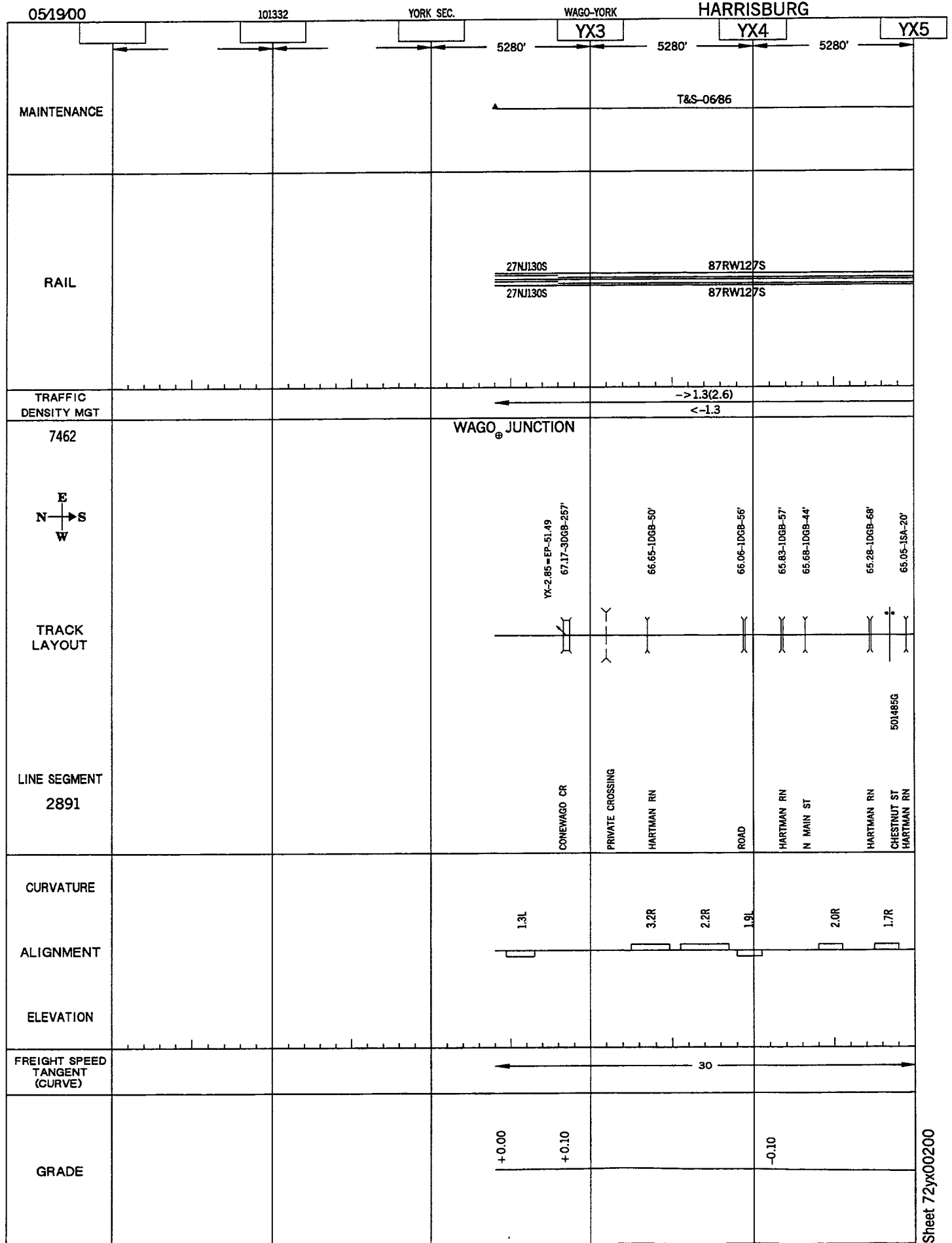
101340

YORK I.T.

STONE BROOK-YORK

HARRISBURG





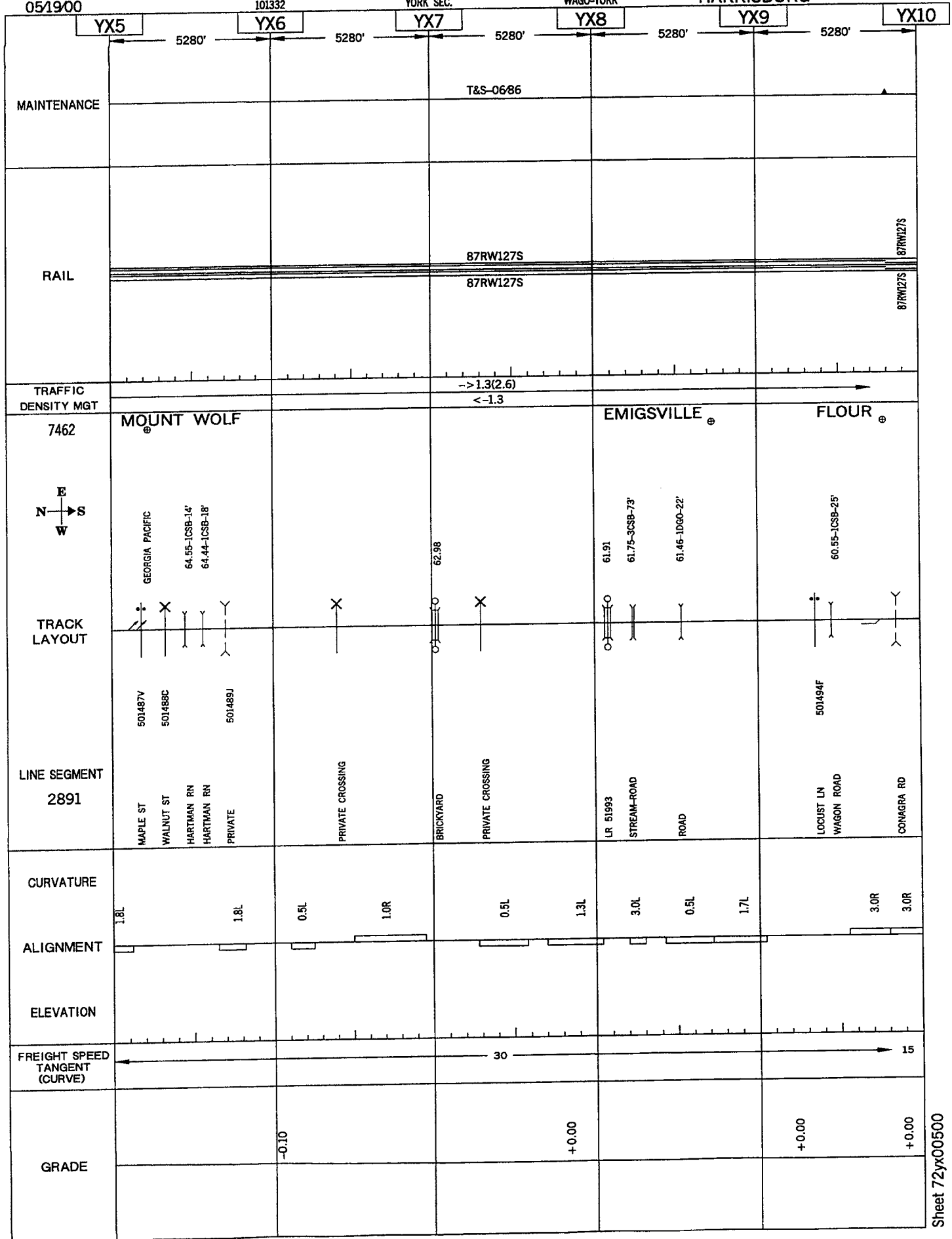
05/19/00

101332

YORK SEC.

WAGO-YORK

HARRISBURG



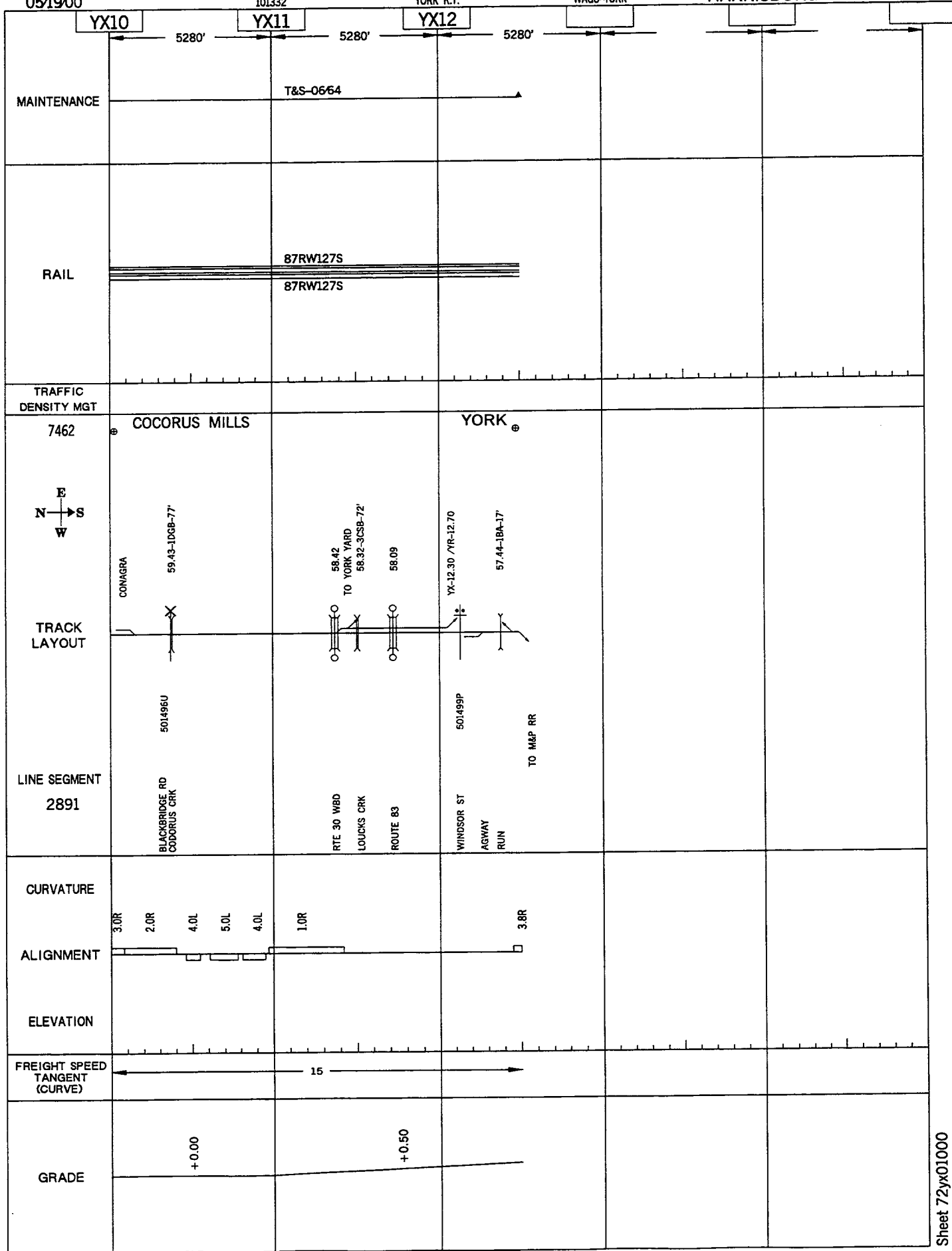
051900

101332

YORK R.T.

WAGO-YORK

HARRISBURG



339

051900

101333

NEW HOLLAND SEC.

EAST EARL-GREENFIELD

HARRISBURG

HZ27

HZ28

HZ29

HZ30

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-0687

T&S-0687

S-0697

RAIL

87RW130S

87RW130S

TRAFFIC
DENSITY MGT

-> 0.4(0.8)

<- 0.4

7007

END OF TRACK

RANCKS

NEW HOLLAND

S
E → W
N

TRACK
LAYOUT

WEAVER

AGWAY

NEW COURT

LINE SEGMENT
2396

517765G

517764A

517763T

517762L

517761E

517760X

517759D

517758W

517757P

517756H

517755B

517753M

RANCK AVE

PARK RD

PRIVATE CROSSING

KINZER

BRIMMER AVE

RAILROAD AVE

PRIVATE CROSSING

CUSTER AVE

DILLER AVE

BRUBAKER AVE

HOOVER ST

PRIVATE CROSSING

SHIRK ROAD

MUSSELMANS

CURVATURE

2.0L

4.5R

1.9L

0.3L

2.0R

1.0R

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

30

GRADE

+0.31

-0.30

+0.21

+0.00

Sheet 72hz02600

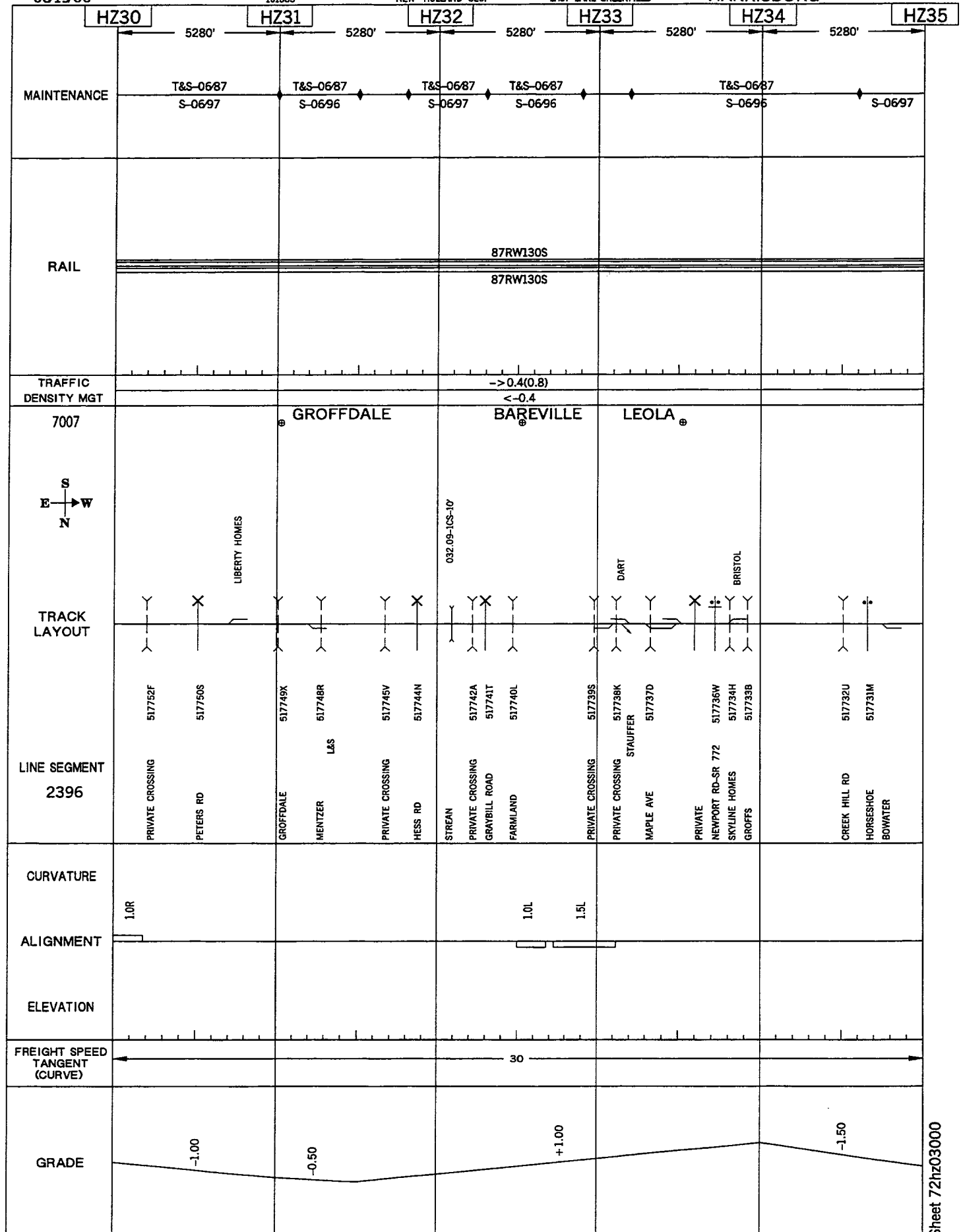
05/19/00

101333

NEW HOLLAND SEC.

EAST EARL-GREENFIELD

HARRISBURG



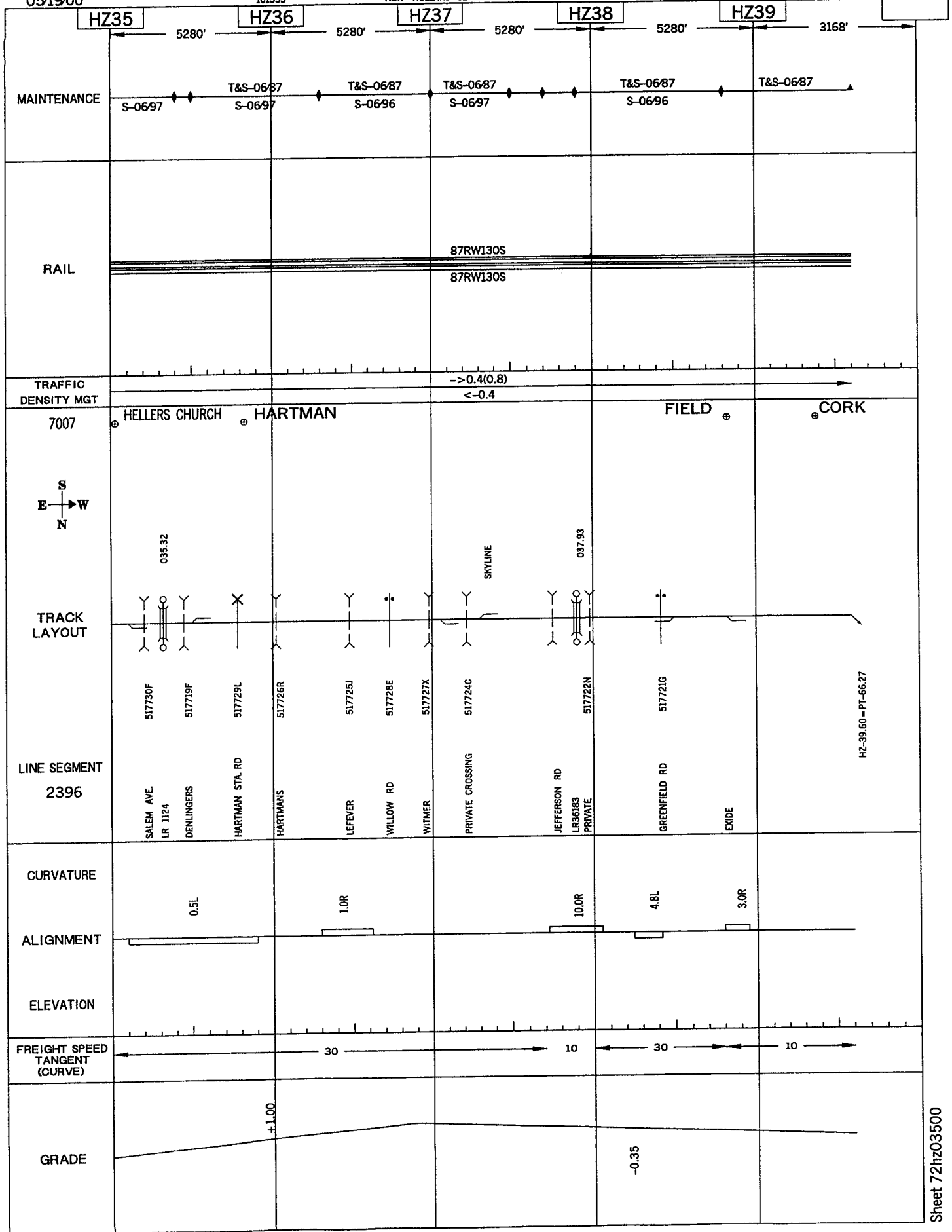
05/19/00

101333

NEW HOLLAND SEC.

EAST EARL-GREENFIELD

HARRISBURG



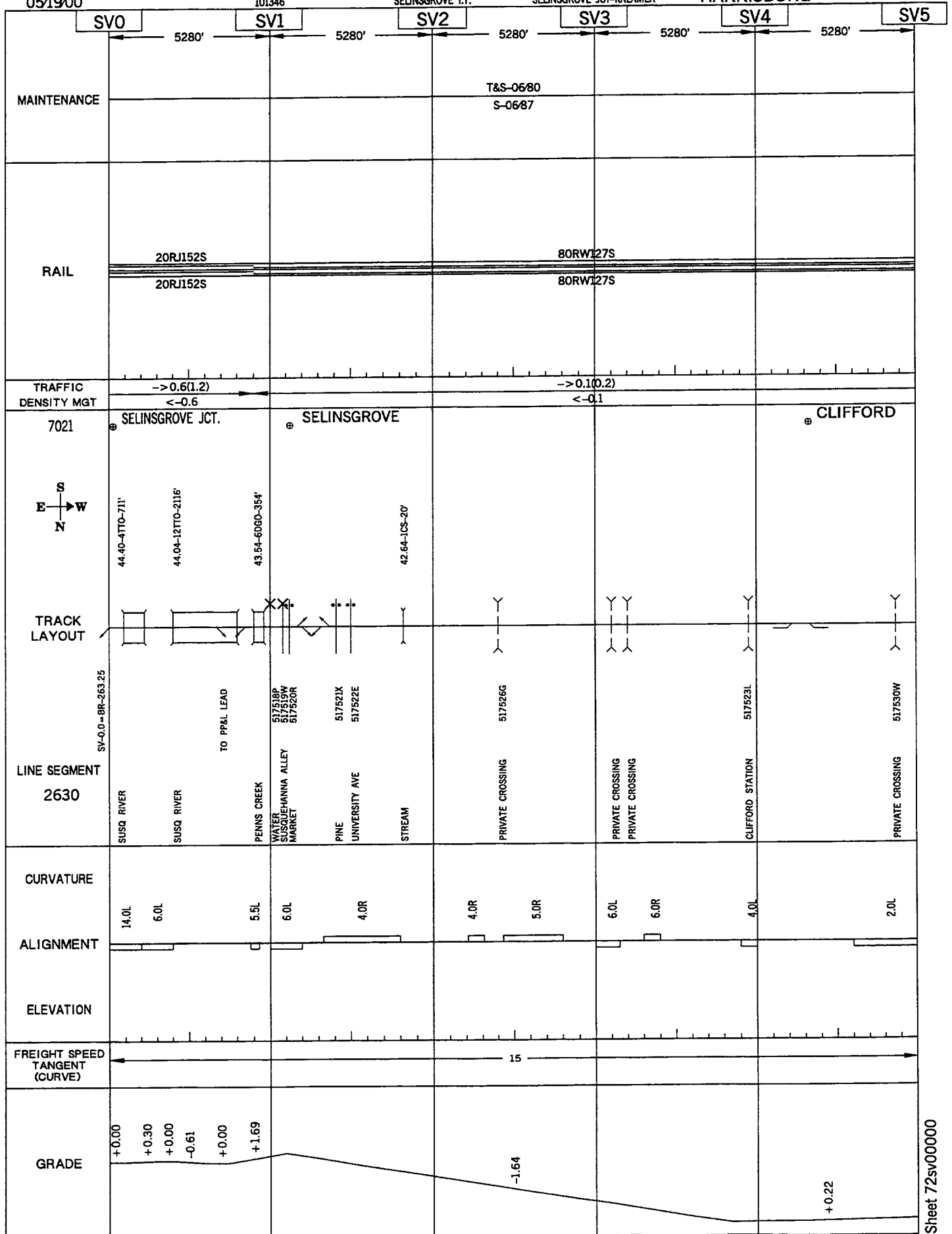
051900

101346

SELINGSGROVE I.T.

SELINGSGROVE JCT-KREAMER

HARRISBURG



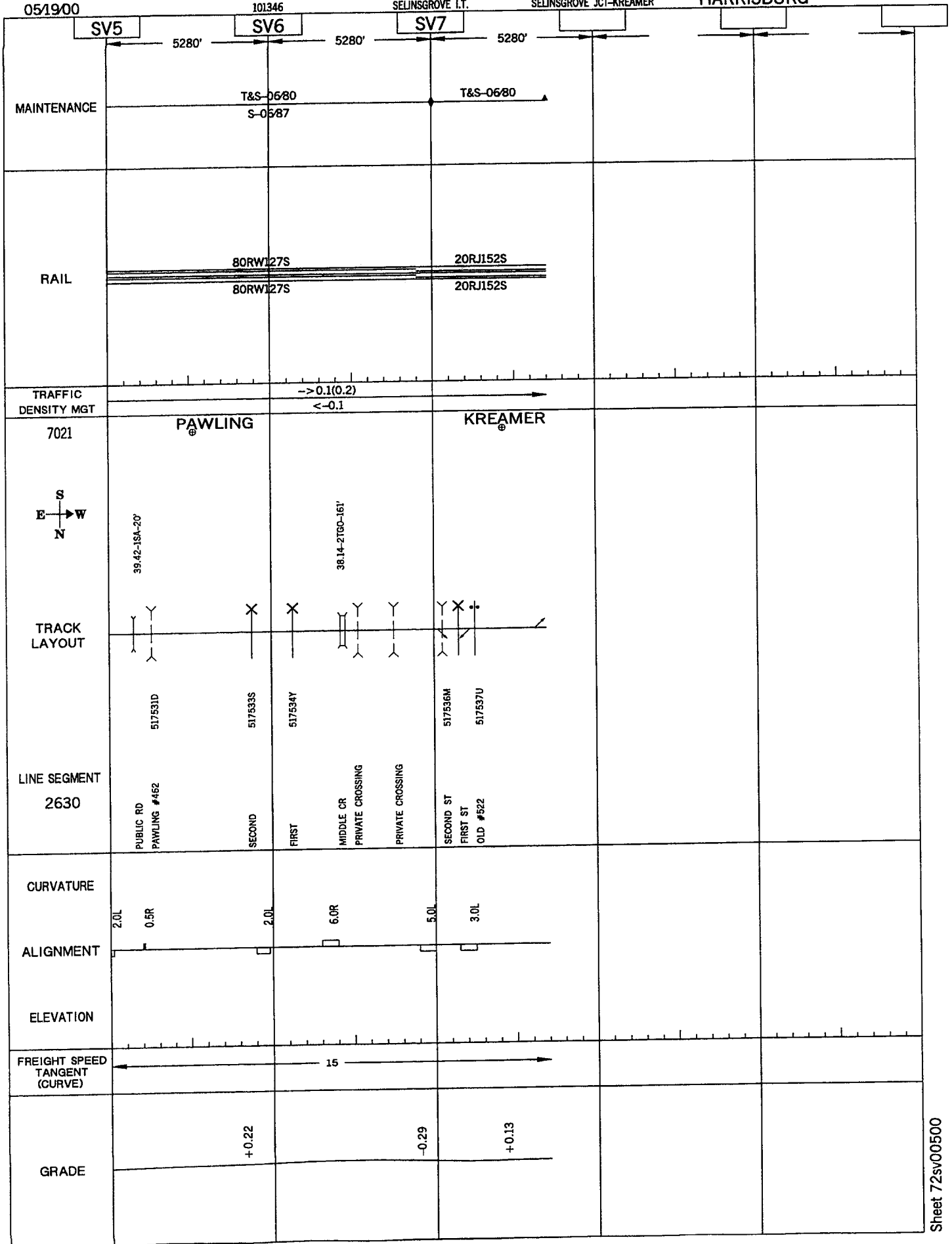
05/19/00

101346

SELINGSGROVE I.T.

SELINGSGROVE JCT-KREAMER

HARRISBURG



Sheet 72wh00000



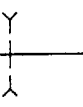
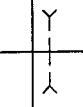

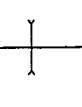
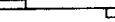



051900

102331

WATSONTOWN SEC.

WATSONTOWN-DERRY

HARRISBURG

	WH5	WH6	WH7	WH8	WH9	WH10
	5280'	5280'	5280'	5280'	5280'	5280'
MAINTENANCE	T&S-0695 S-0698	S-0697	T&S-0695 S-0698		T&S-0695 S-0697	T&S-0695
RAIL	71NW12S 90RW133S 71NW12S 90RW133S 71NW12S	71NW12S 90RW133S 71NW12S	71NW12S 90RW133S 71NW12S	71NW107S 71NW107S		
TRAFFIC DENSITY MGT			-> 3.4(6.8) < -3.4			
7038	TURBOTVILLE		SCHUYLER		OTTAWA	
	005.37-1D60-33'	006.42-1B50-16'		008.23-2B50-36'	008.60-1B50-19'	
TRACK LAYOUT						
LINE SEGMENT 2129	FARM RD. SMALL RUN MAIN	PRIVATE CROSSING SMALL RUN BEAVER RUN ROAD OLD STATE ROAD	PRIVATE CROSSING SCHUYLER RD SCHUYLER ROAD	SMALL RUN ENTERLINES ROAD SMALL RUN PRIVATE CROSSING	OTTAWA RD	
CURVATURE	5.4R 3.0L	5.5R 2.0R 3.1R	2.5L 5.0L	4.0R		
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			25			
GRADE	+0.27		+0.00			

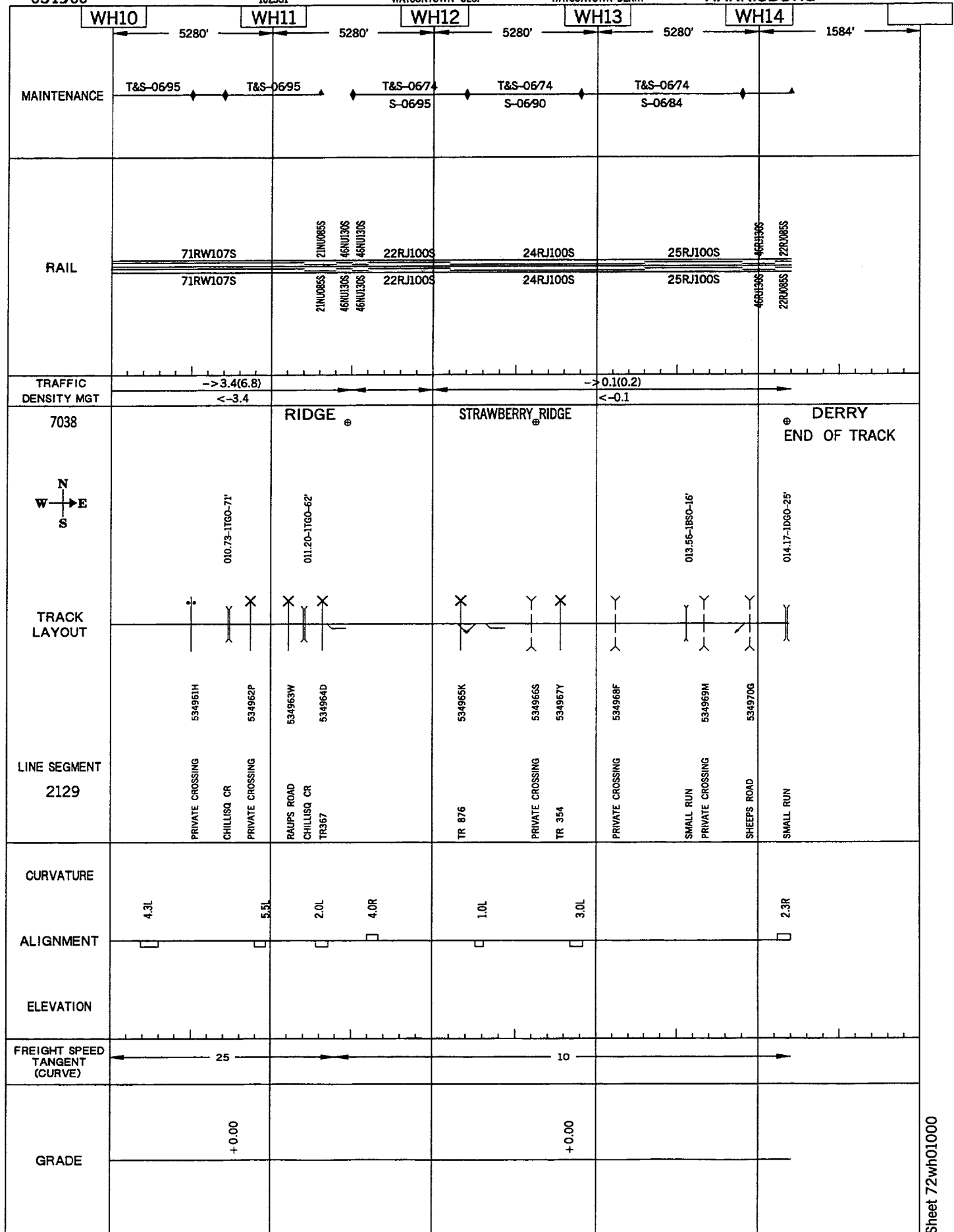
051900

102331

WATSON TOWN SEC.

WATSON TOWN-DERRY

HARRISBURG



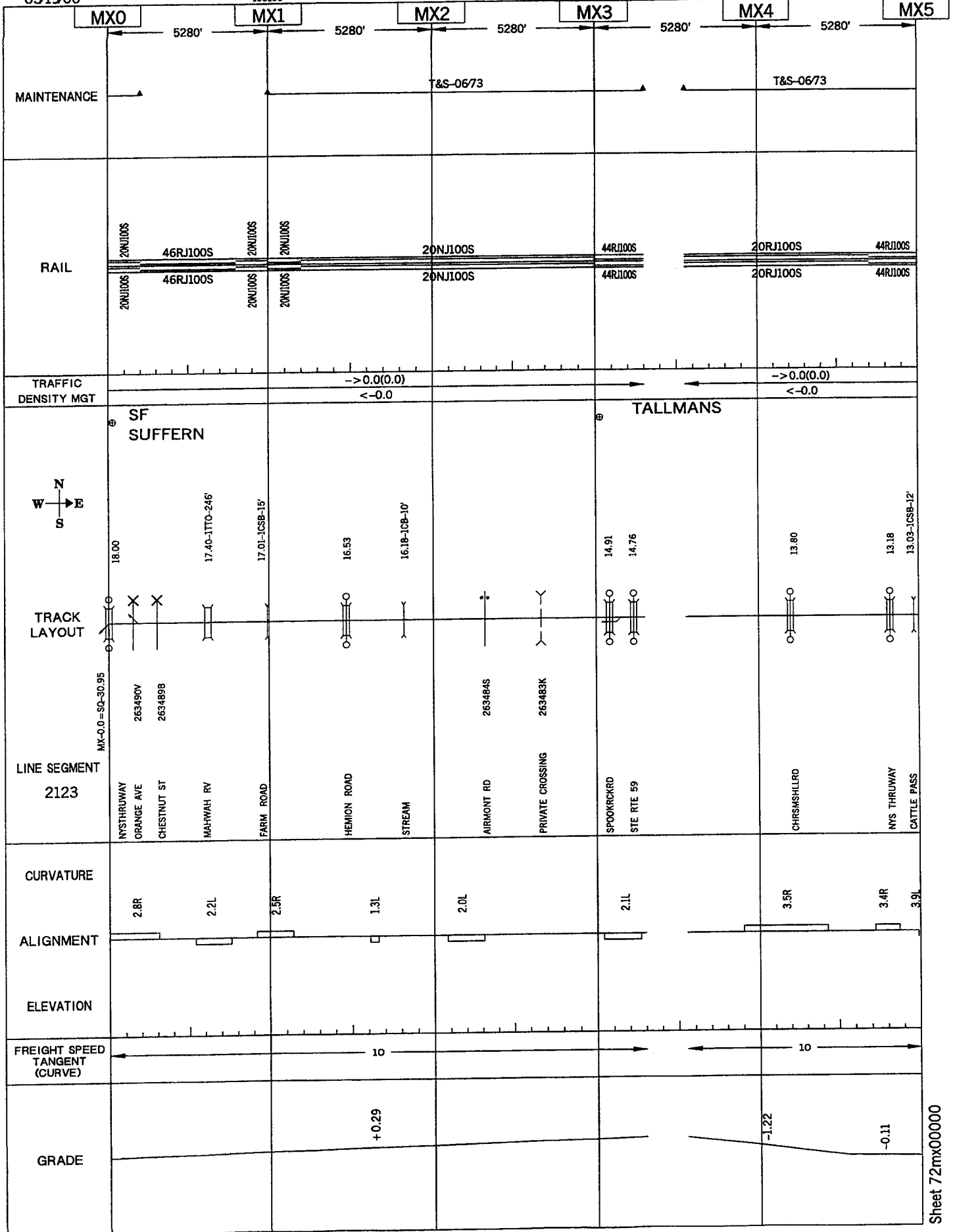
05/19/00

106165

SUFFERN I.T.

SUFFERN-SPRING VALLEY

HARRISBURG



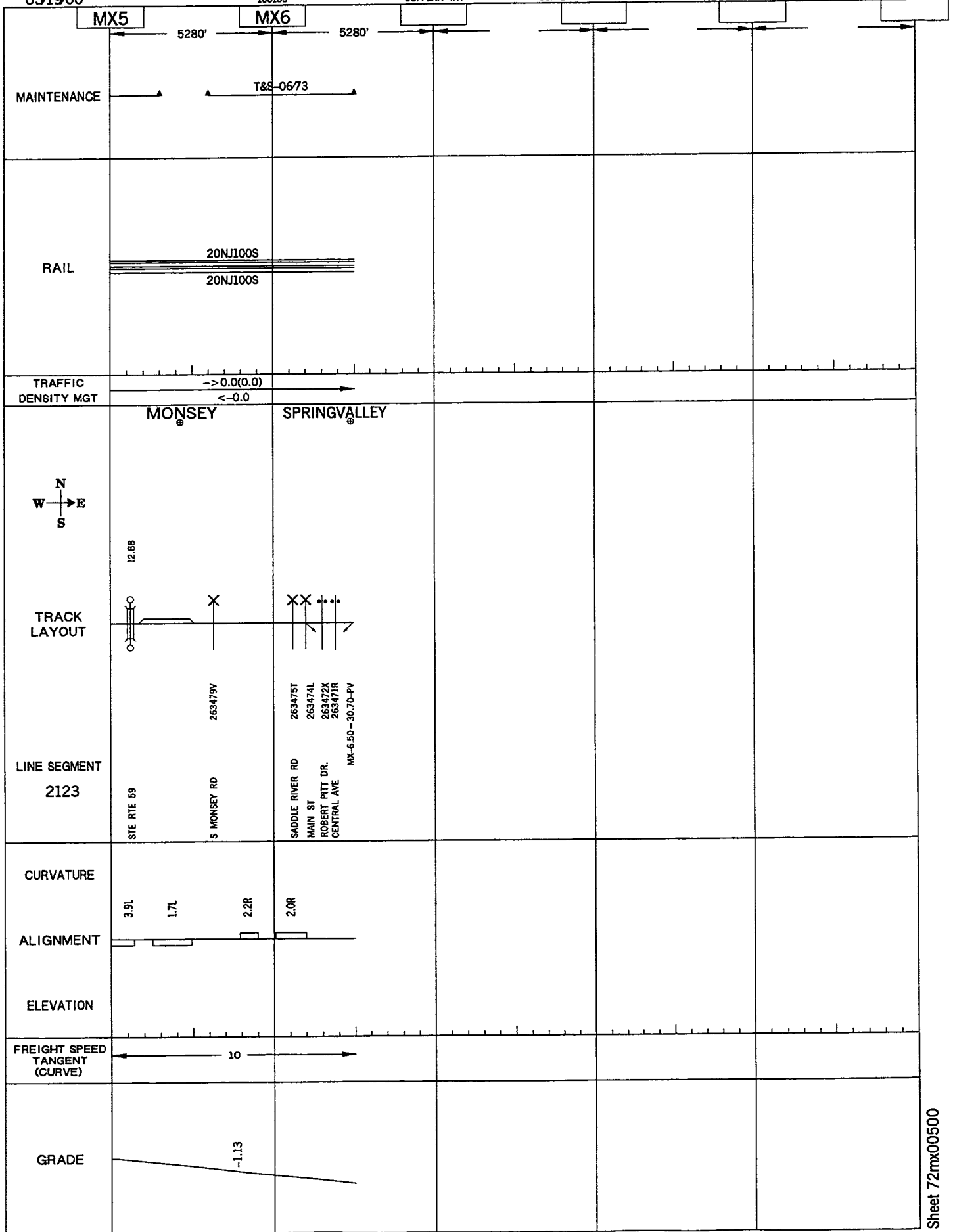
051900

106165

SUFFERN I.T.

SUFFERN-SPRING VALLEY

HARRISBURG



05/1900

106166

NEWARK I.T.

DB JCT-PATERSON JCT

HARRISBURG

NK5

2304'

MAINTENANCE

T&S-0664

RAIL

51RJ110S
51RJ110S

TRAFFIC
DENSITY MGT

DB

S
E → W
N

TRACK
LAYOUT

NK-4.50 = WD-4.70

LINE SEGMENT
2558

CURVATURE

ALIGNMENT

ELEVATION

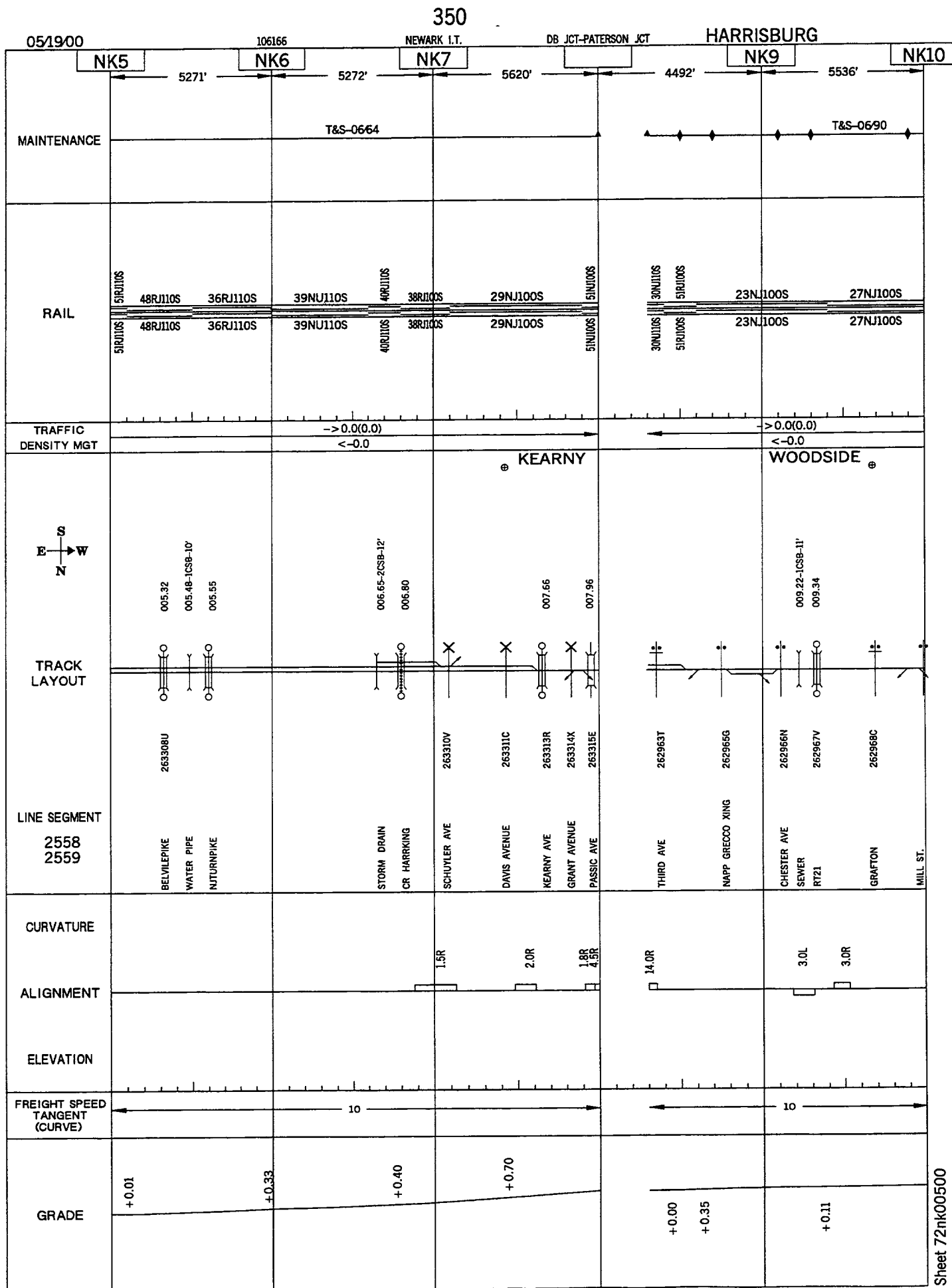
1.6L

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.00
+0.15



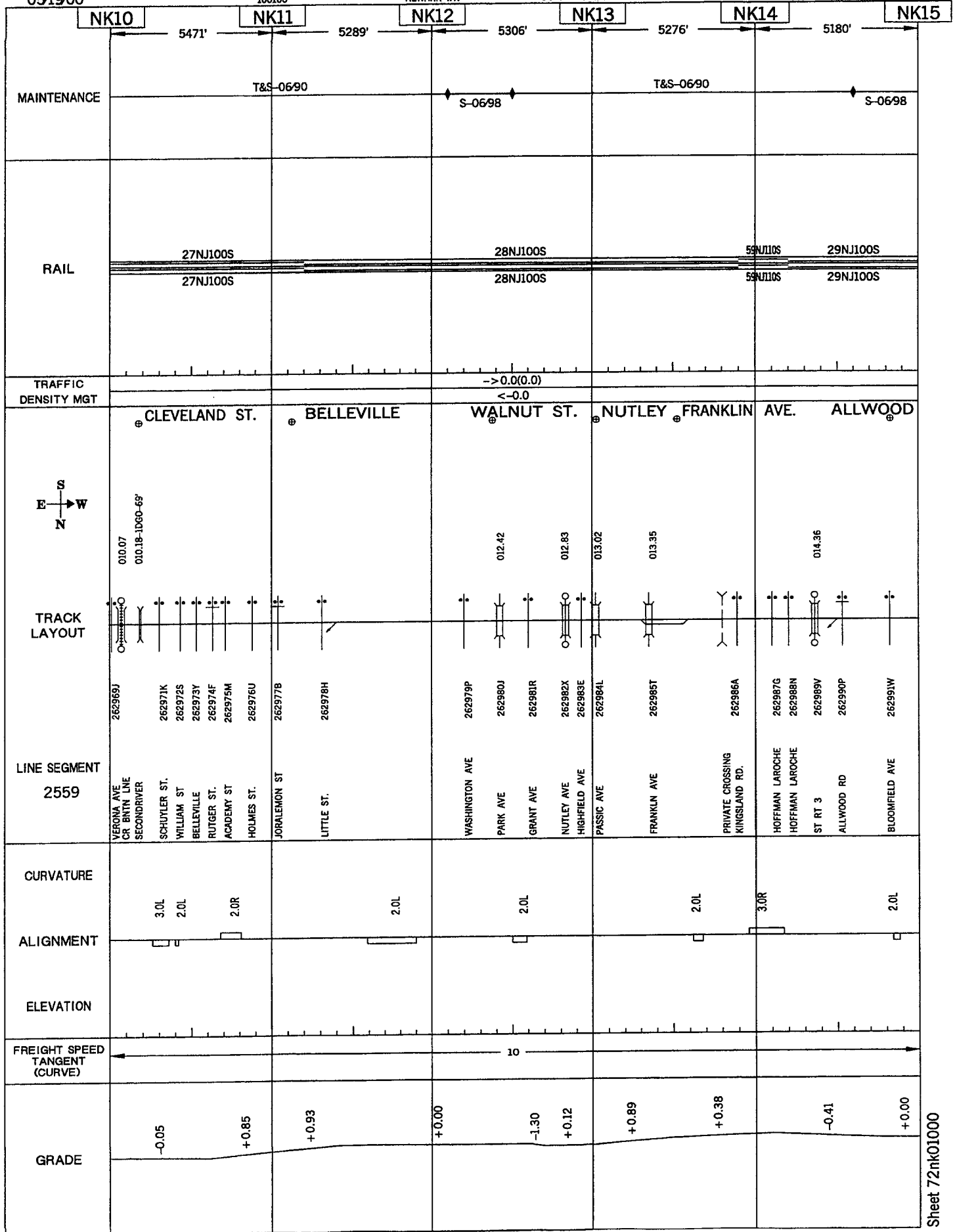
05/19/00

106166

NEWARK I.T.

DB JCT-PATERSON JCT

HARRISBURG



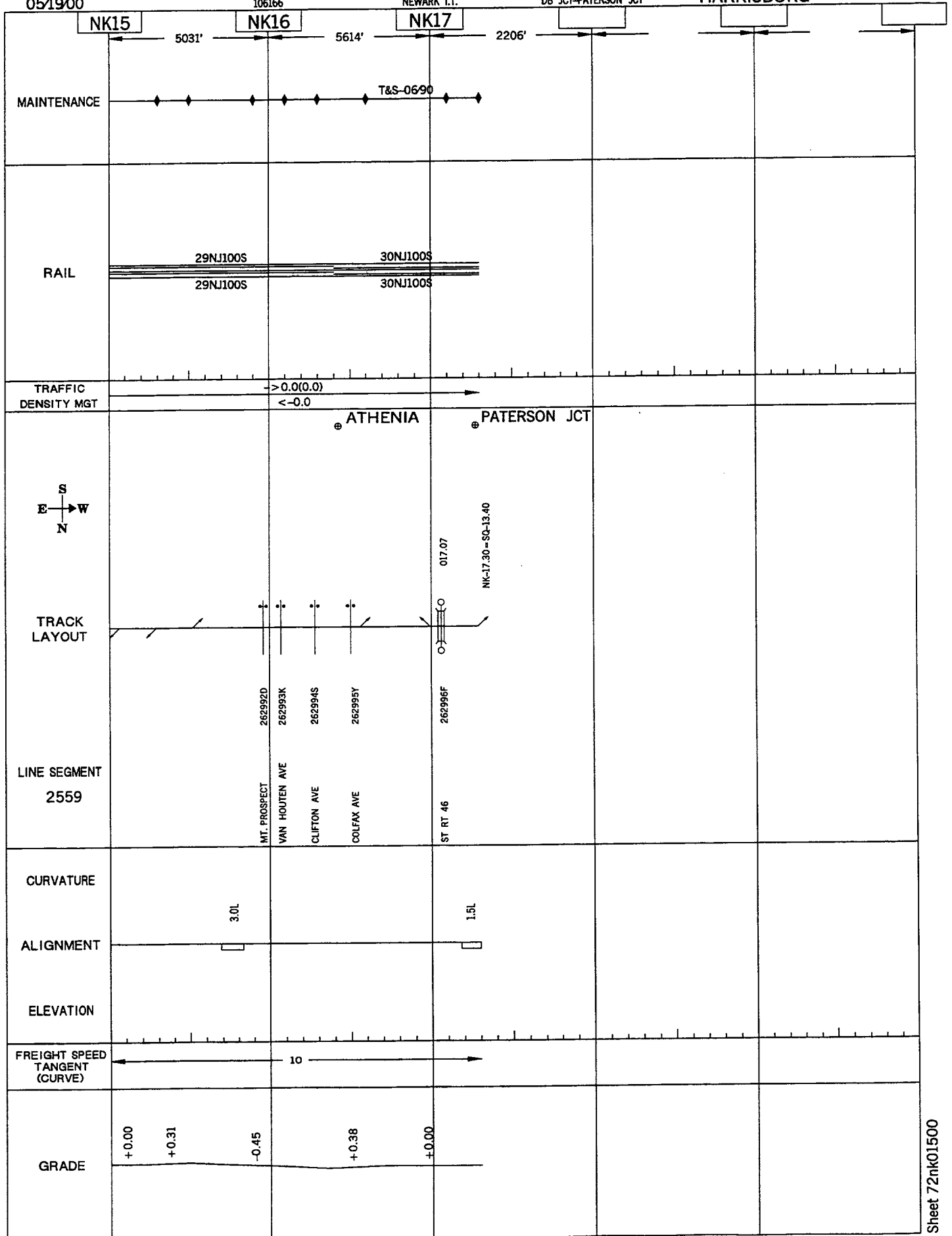
051900

106166

NEWARK I.T.

DB JCT-PATERSON JCT

HARRISBURG



353

05/19/00

106167

CARLTON HILL SPUR

RUTHERFORD-CARLTON HILL

HARRISBURG

UQ9

UQ10

1055'

5280'

MAINTENANCE									
RAIL								<div> <div>37NJ131S</div> <div>36NJ131S</div> <div>40NJ131S</div> <div>37NJ131S</div> <div>36NJ131S</div> <div>40NJ131S</div> </div>	
TRAFFIC DENSITY MGT								<div> <div>-> 0.0(0.0)</div> <div><- 0.0</div> </div>	
8309									
<div> <div>S</div> <div>E</div> <div>N</div> <div>W</div> </div>									
TRACK LAYOUT									
LINE SEGMENT 2660									
CURVATURE									
ALIGNMENT									
ELEVATION									
FREIGHT SPEED TANGENT (CURVE)									
GRADE									

RUTHERFORD JCT. ⊕

CARLTON HILL ⊕

UQ-8.80-8.70-8C

009.21

263297J

MONTESS AV

6.1L

3.8R

10

-0.87

-0.24

05/1900

106167

CARLTON HILL SPUR

RUTHERFORD-CARLTON HILL

HARRISBURG

UQ10

1056'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

S
E → W
N

TRACK
LAYOUT

263299X

LINE SEGMENT
2660

JACKSON AVE

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.24

051900

106168

PASSAIC SPUR

PASSAIC-PATERSON

HARRISBURG

IA13

IA14

IA15

5280'

5280'

5280'

MAINTENANCE

RAIL

54R115S
54R115S

40NJ112S

40NJ112S

38NJ112S

38NJ112S

TRAFFIC
DENSITY MGT

--> 0.0(0.0)
< -0.0

8309

S
E → W
N

TRACK
LAYOUT

⊕ CLIFTON

LAKEVIEW ⊕

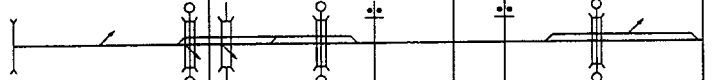
012.20-104-19'

012.92

013.07

013.46

014.58



263302D

263303K

263304S

263305Y

263306F

LINE SEGMENT
2519

WEASEL BROOK

PIAGET AVE

ST RT 46

G S PARKWAY

CROOKS AVE

GOULD AVE

MADISON AVE

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.46

+0.70

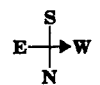
05/19/00

106168

PASSAIC SPUR

PASSAIC-PATERSON

HARRISBURG

MAINTENANCE	IA15 1848'				
RAIL	38N12S 38N12S 38N12S				
TRAFFIC DENSITY MGT	▶				
TRACK LAYOUT	PATERSON  TO NJT (SUSQ. ML)				
LINE SEGMENT 2519					
CURVATURE					
ALIGNMENT	└				
ELEVATION					
FREIGHT SPEED TANGENT (CURVE)	10				
GRADE	+0.70				

357

051900

106169

HARRISON I.T. (EL)

N ARLINGTON-KEARNY JCT

HARRISBURG

HI2

HI3

HI4

HI5

5280'

5280'

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8311

S
E → W
N

TRACK
LAYOUT

LINE SEGMENT
2489

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

→ 0.0(0.0)
← -0.0

002.40

002.87

003.46-1CS-15'

003.74

003.92-1TGO-87'

004.12

004.45

004.50-1CS-14'

BELLVE TPKE
266754Y

BINTLINE RR
002.87

SEWER
266735U

BERGEN AVE
266735U

CR NEWRK BR
266735U

HARRISON AV
266735X

RTE 280
266735X

FRANKS CREK
266735X

1.0L

2.0R

2.0L

2.0L

2.0L

10

+0.00

-0.24

+0.00

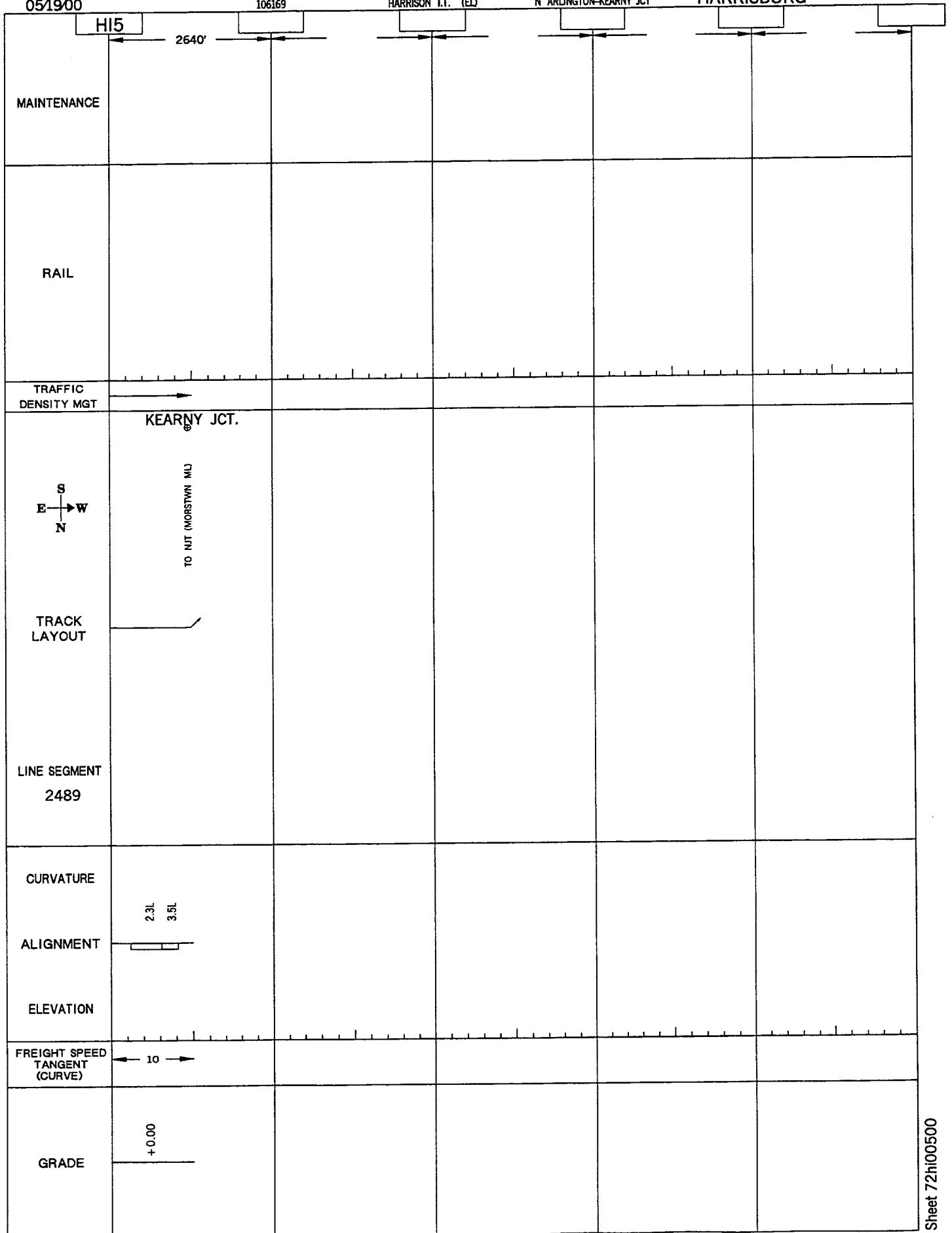
051900

106169

HARRISON I.T. (EL)

N ARLINGTON-KEARNY JCT

HARRISBURG



05/19/00

FOREIGN

ORANGE I.T.

FOREST HILL-BLOOMFIELD

HARRISBURG

90J

100J

2640'

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8311



TRACK
LAYOUT

LINE SEGMENT
2714

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

20R110S 41R110S 50R110S 43R110S 47RJ110S
41R110S 50R110S 43R110S 47RJ110S

-> 0.0(0.0)
<- -0.0

FOREST HILL

SILVER LAKE
BLOOMFIELD

8.50-0J=WD-8.45

009.00-5CSB-94
009.11

263317T

263318A

263320B

263321H

263322P

263323W

263324D

HIGHLAND AVE

MANCHESTER PL
BRANCHPK
FRANKLIN AV

FRANKLIN AVE

BELMONT AVE

GROVE ST

BLOOMFIELD AVE

5.5L

3.0R

10

+0.39

-0.95

+0.00

+1.09

-0.33

05/19/00

FOREIGN

ORANGE I.T.

FOREST HILL-BLOOMFIELD

HARRISBURG

	100J	5280'						
MAINTENANCE								
RAIL								
TRAFFIC DENSITY MGT								
TRACK LAYOUT	<p>GREAT NOTCH</p>							
LINE SEGMENT 2714								
CURVATURE								
ALIGNMENT								
ELEVATION								
FREIGHT SPEED TANGENT (CURVE)								
GRADE								

05/19/00

106172

361

POMPTON I.T.

MOUNTAIN VIEW-POMPTON JC

HARRISBURG

PQ22

5280'

5116'

MAINTENANCE

T&S-0690

RAIL

26NJ100S

26NJ100S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)

<- 0.0

8311

MOUNTAIN VIEW[®]S
E—W
NTRACK
LAYOUTLINE SEGMENT
2582

PQ-21.40=WD-21.40

PQ-21.90=TD-21.00

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+ 0.00

05/19/00

106173

TOTOWA SPUR

LITTLE FALLS-MOUNTAIN VI

HARRISBURG

T018

T019

T020

5280'

5280'

T&S-06/85

MAINTENANCE

RAIL

20R131S
52N132S
20R131S
52N132S

64R105S

64R105S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)

< 0.0

8311

S
E → W
N

⊙ LITTLE FALLS ⊙ TOTOWA

TRACK
LAYOUT

018.21

018.79

018.91

019.73-IDGO-46'

LINE SEGMENT
2636

266803T
LACKAWANNA AVE

266802L
UNION BLVD

266804A
PRIVATE CROSSING

266805G
MINISINK RD

266794W
RT 80

266795D
TAFT RD

SINGAC BRK

CURVATURE

1.5R

ALIGNMENT

1.0R

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.08

+0.00

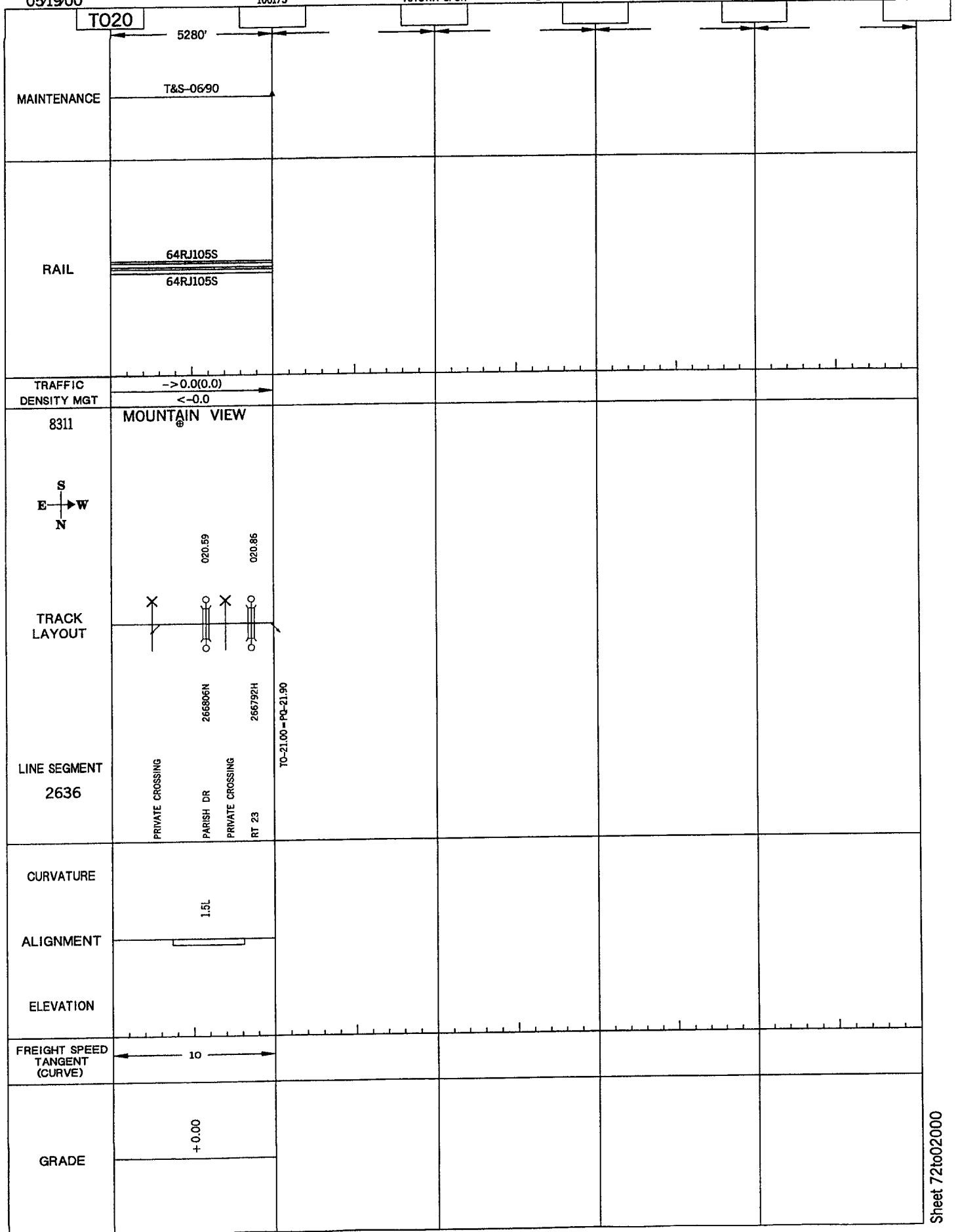
051900

106173

TOTOWA SPUR

LITTLE FALLS-MOUNTAIN VI

HARRISBURG



051900

106192

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG

WD58

WD59

WD60

5332'

5275'

MAINTENANCE

T&S-0690

RAIL

20R105S

20R105S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)
<- 0.0

S
E → W
N

TRACK
LAYOUT

NJTR
BILL

TO NJT

058.20

058.34

058.61

059.18-1CS-17'

059.42-1SA-16'

059.64-1BSO-17'

058.20

058.34

058.61

059.18-1CS-17'

059.42-1SA-16'

059.64-1BSO-17'

266977P

266976H

266975B

266972F

LINE SEGMENT
2232

ALLEN RD

DIRT RD

DIRT RD

AIRPORT RD

CATTLE PASS

WATER WAY

CATTLE PASS
HAZEN RD.

CURVATURE

ALIGNMENT

ELEVATION

1.5R

0.3L

0.3L

0.1R

0.1R

0.2L

FREIGHT SPEED
TANGENT
(CURVE)

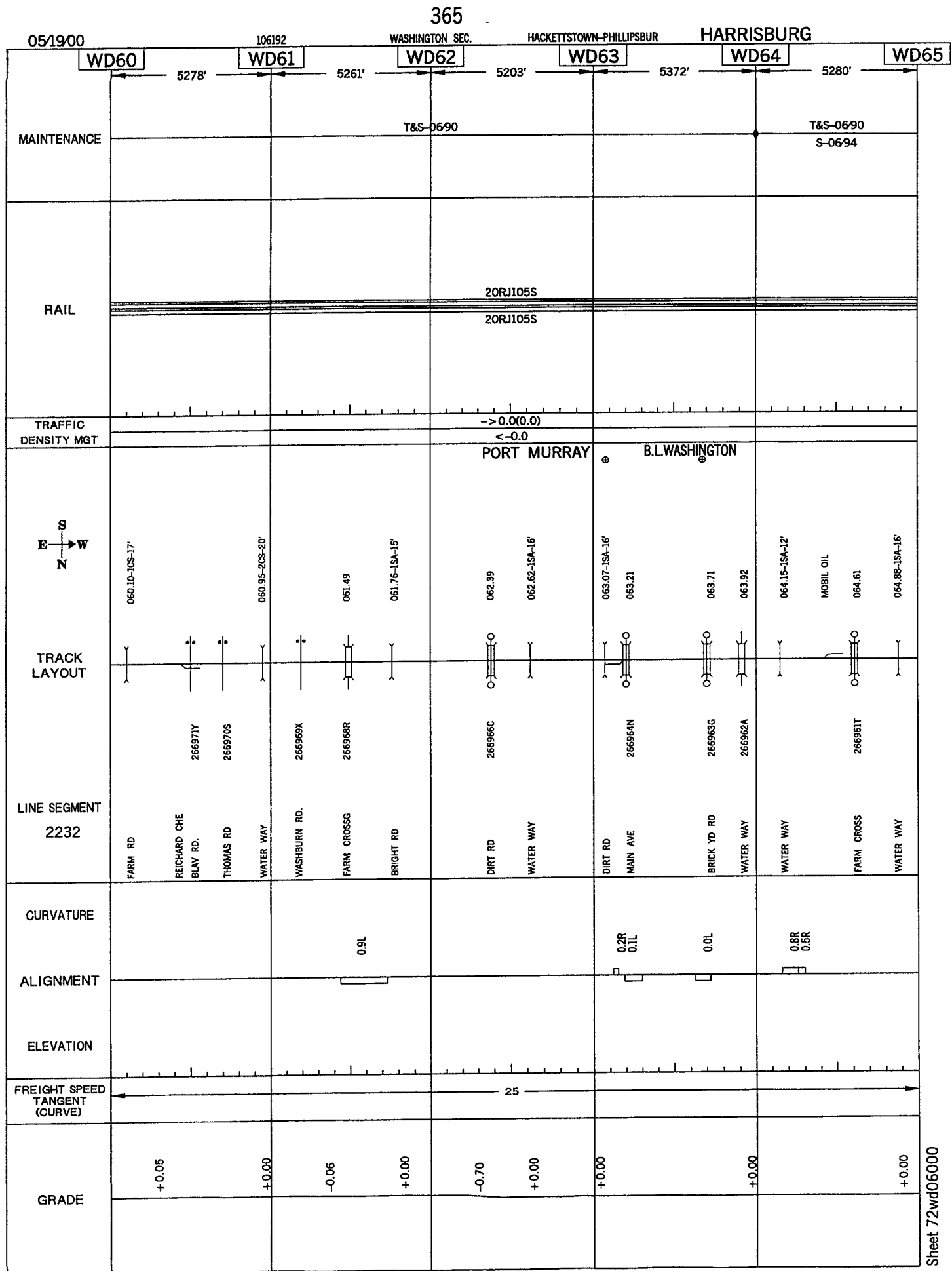
25

GRADE

+0.00

+0.00

+0.05



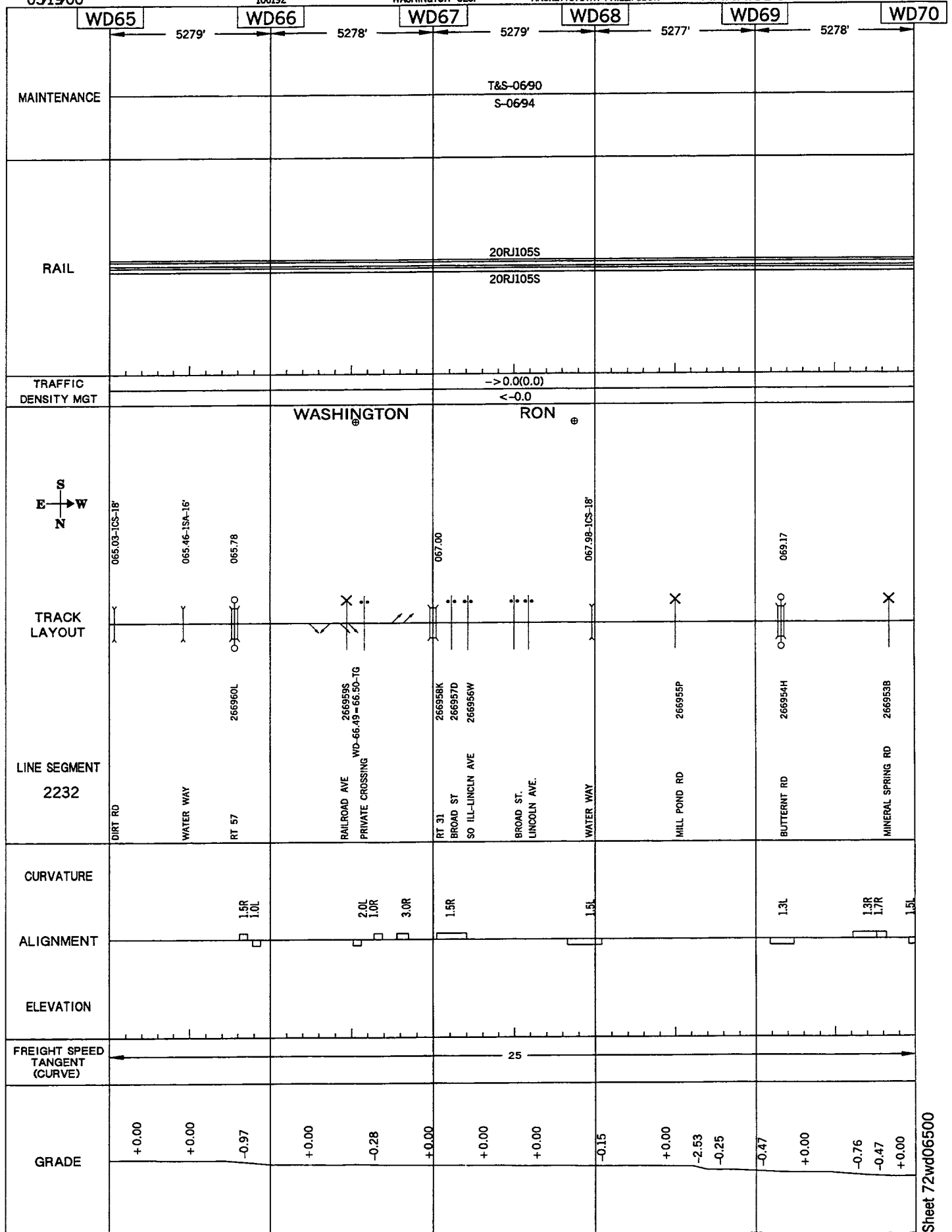
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106192

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG



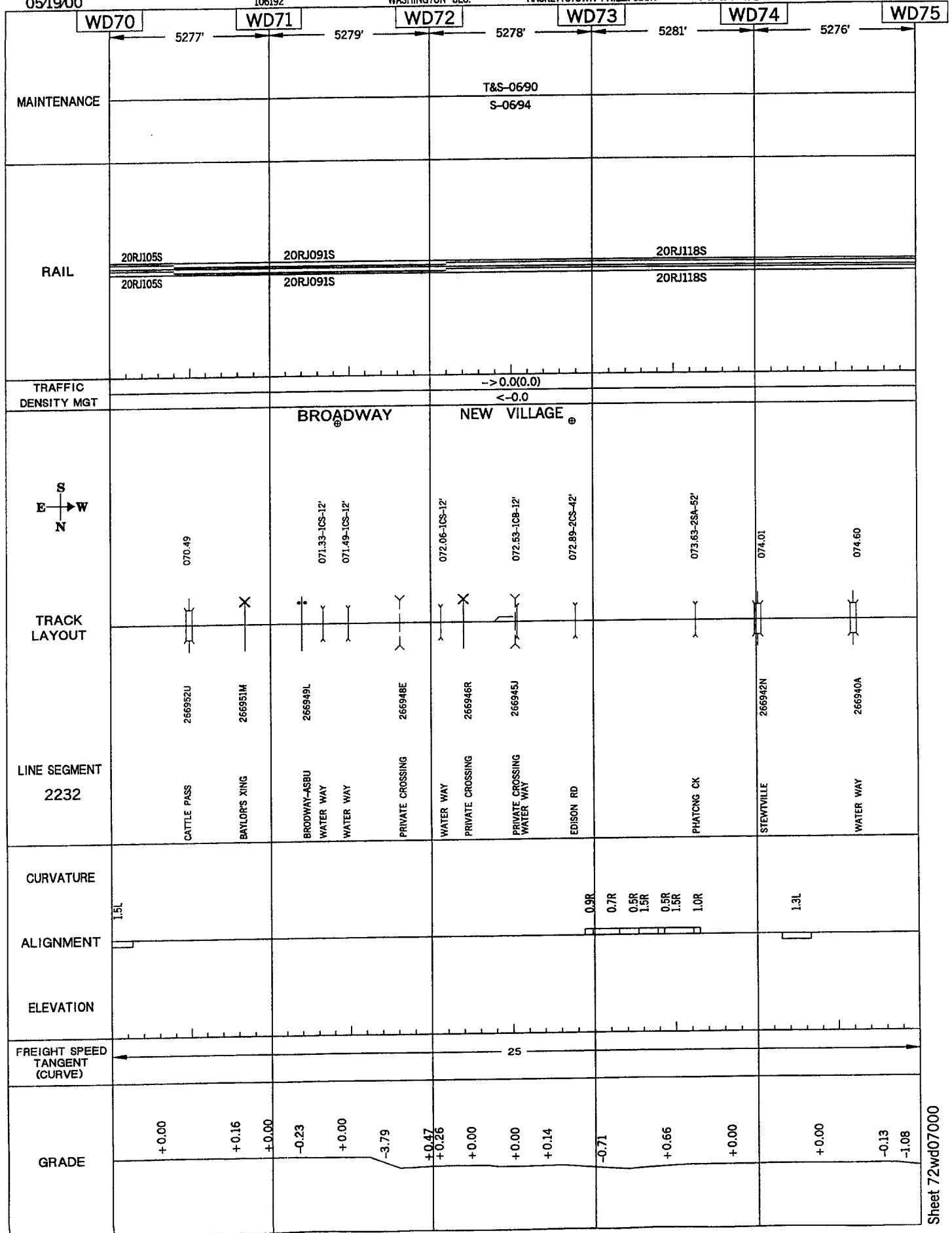
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WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG



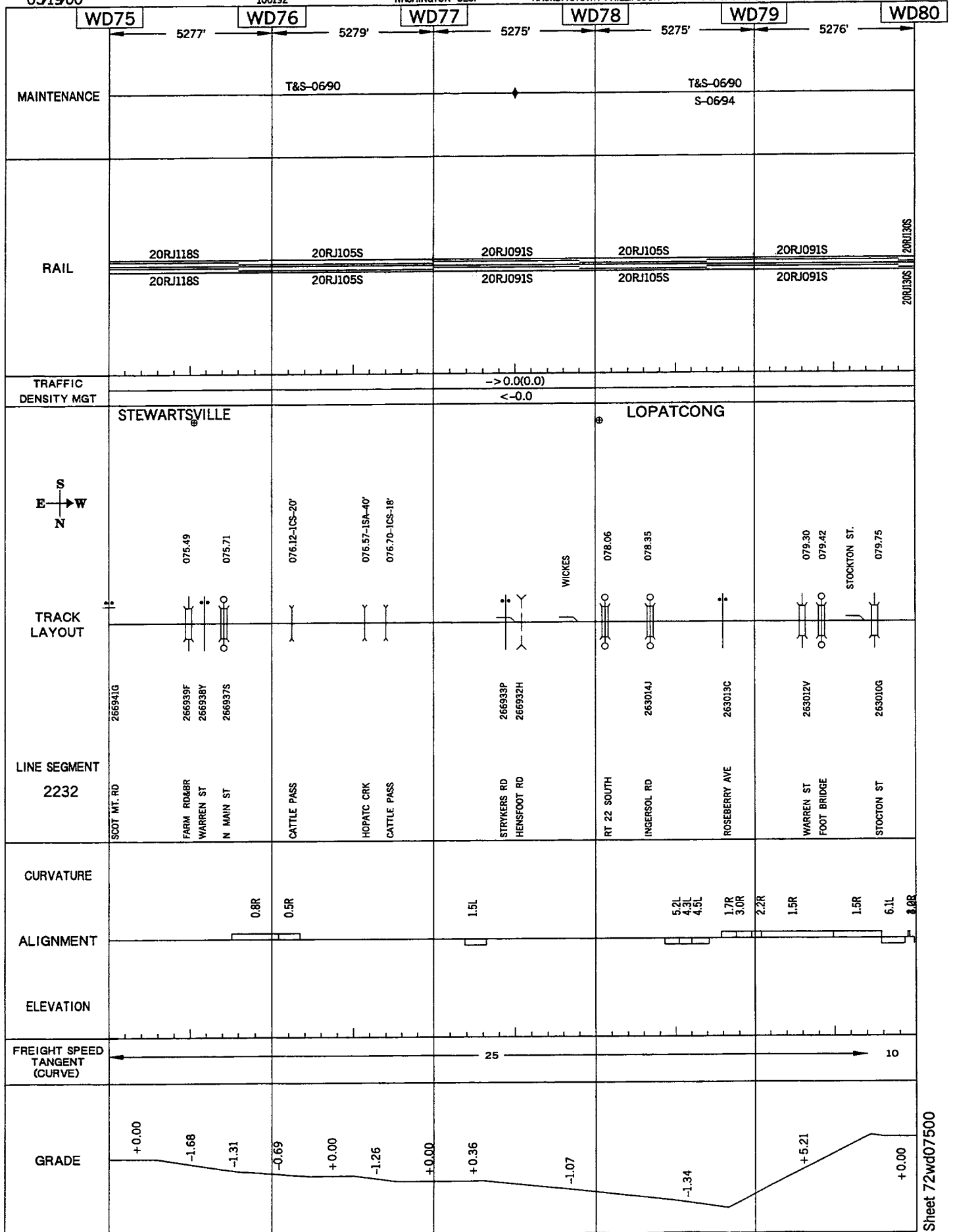
051900

106192

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG



05/19/00

106192

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG

	WD80	1566'						
MAINTENANCE								
RAIL	<div> <div>20RJL30S</div> <div>20RJL30S</div> </div>							
TRAFFIC DENSITY MGT								
8451	<div> <div>PHILLIPSBURG</div> <div>CP PHILLIPSBURG</div> </div>							
<div> <div>S</div> <div>E → W</div> <div>N</div> </div>	<div> <div>080.23</div> <div>WD-80.30 = LE-76.28</div> </div>							
TRACK LAYOUT								
LINE SEGMENT 2232	<div> <div>263009M</div> <div>S MAIN ST</div> </div>							
CURVATURE	<div> <div>3.0L</div> <div>9.5L</div> </div>							
ALIGNMENT								
ELEVATION								
FREIGHT SPEED TANGENT (CURVE)	10							
GRADE	+0.00							

370

051900

106194

OLD ROAD I.T.

WASHINGTON-END

HARRISBURG

67TG

2640'

3168'

MAINTENANCE

RAIL

20RJ105S

20RJ105S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)

< -0.0

8326

WASHINGTON

S
E → W
N

66.51-TG=WD-66.49

066.84-1CA-44'

067.02-2OS-36'

TRACK
LAYOUT

LINE SEGMENT
2810

RT.57

RT.31

CURVATURE

6.3R

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+1.07

-0.19

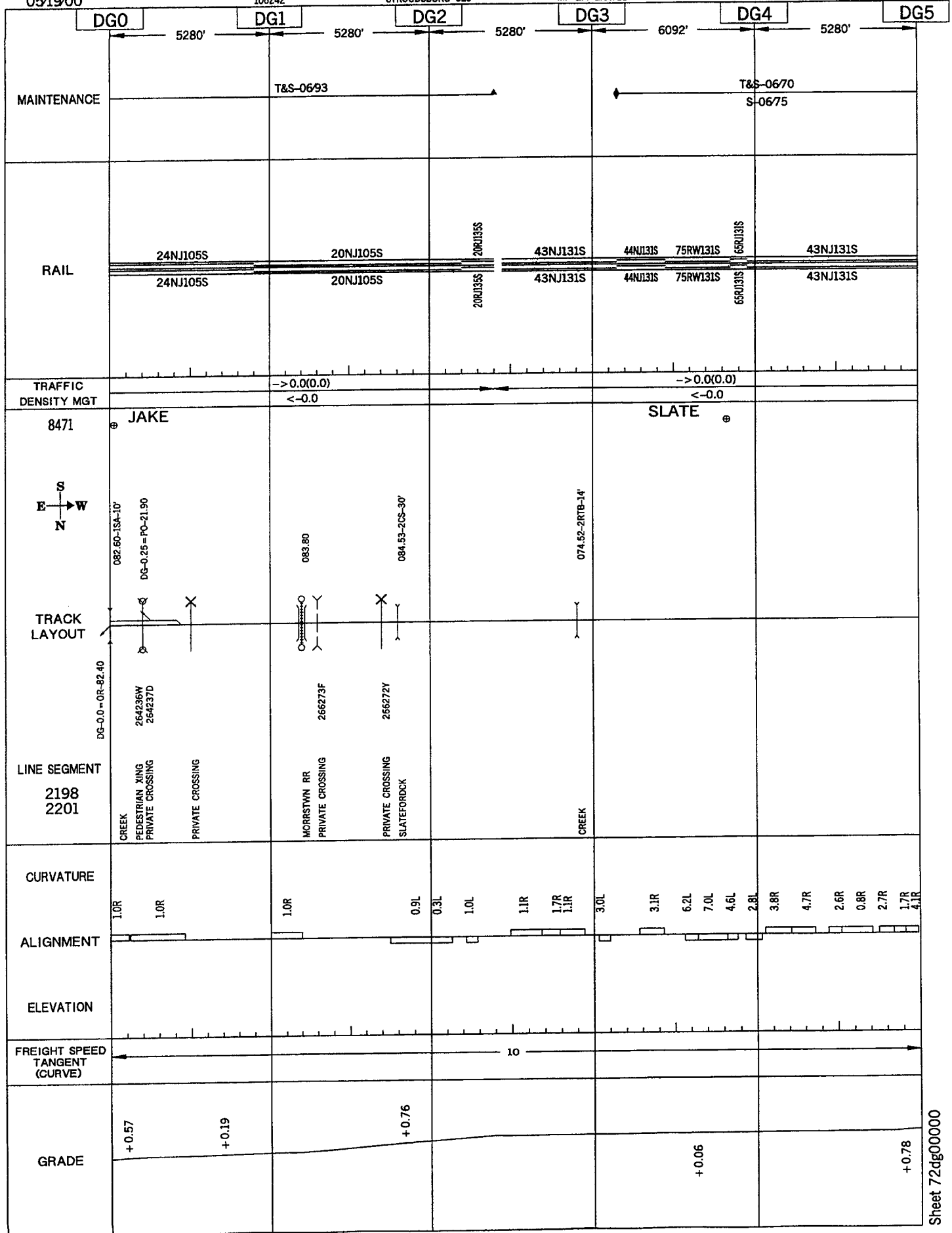
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106242

STROUDSBURG SEC

MP 2.4-GRAVEL

HARRISBURG



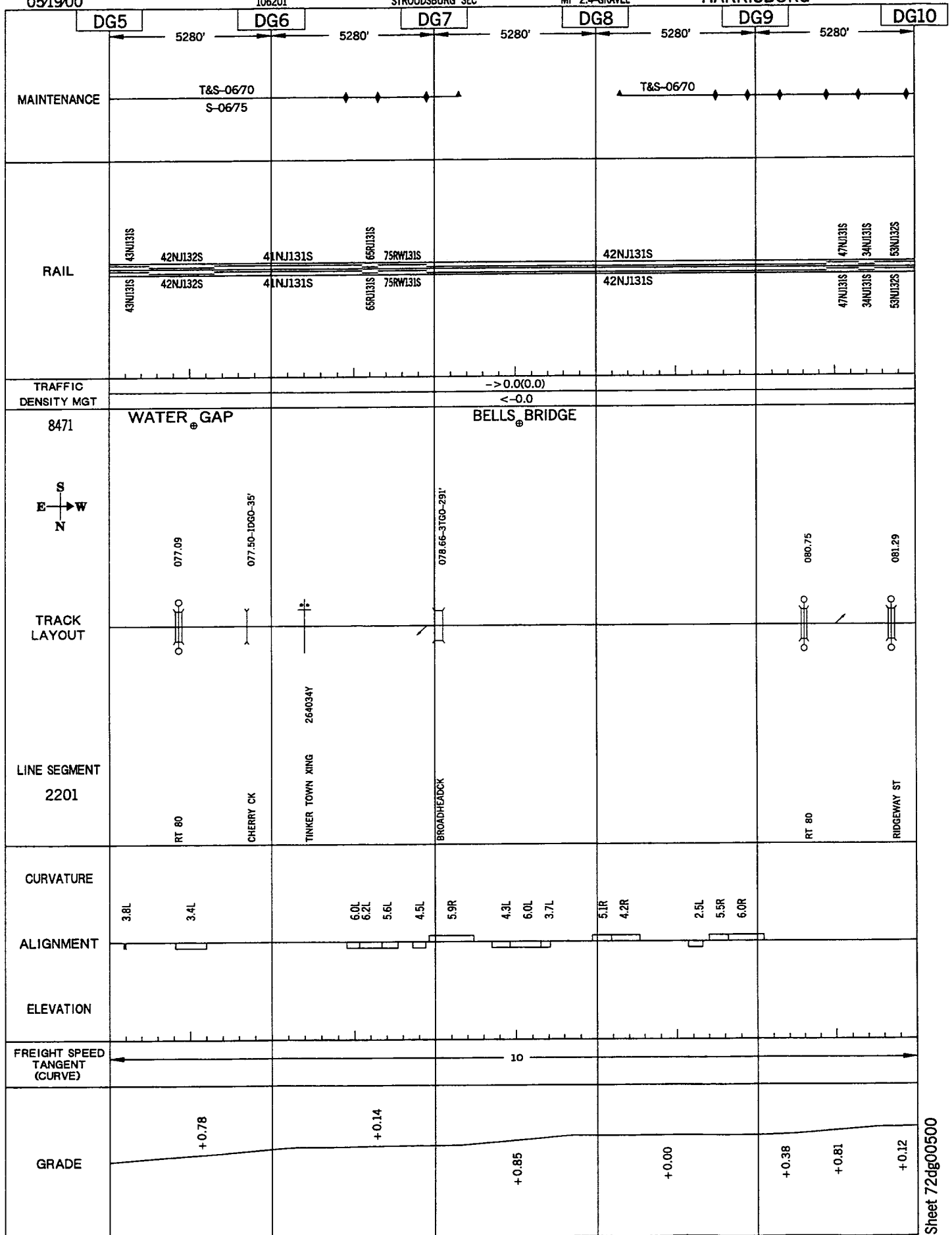
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106201

STROUDSBURG SEC

MP 2.4-GRAVEL

HARRISBURG



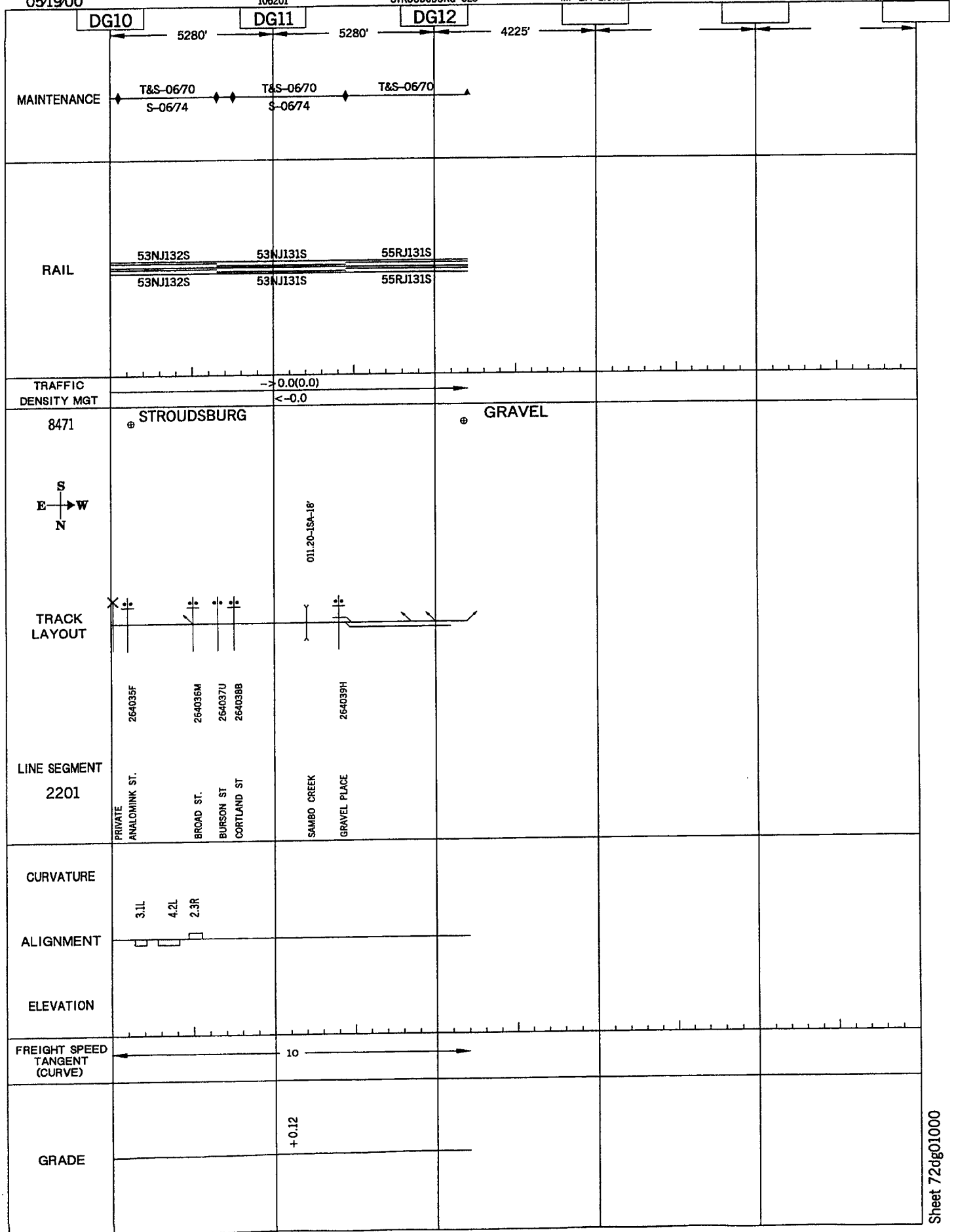
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106201

STROUDSBURG SEC

MP 2.4-GRAVEL

HARRISBURG



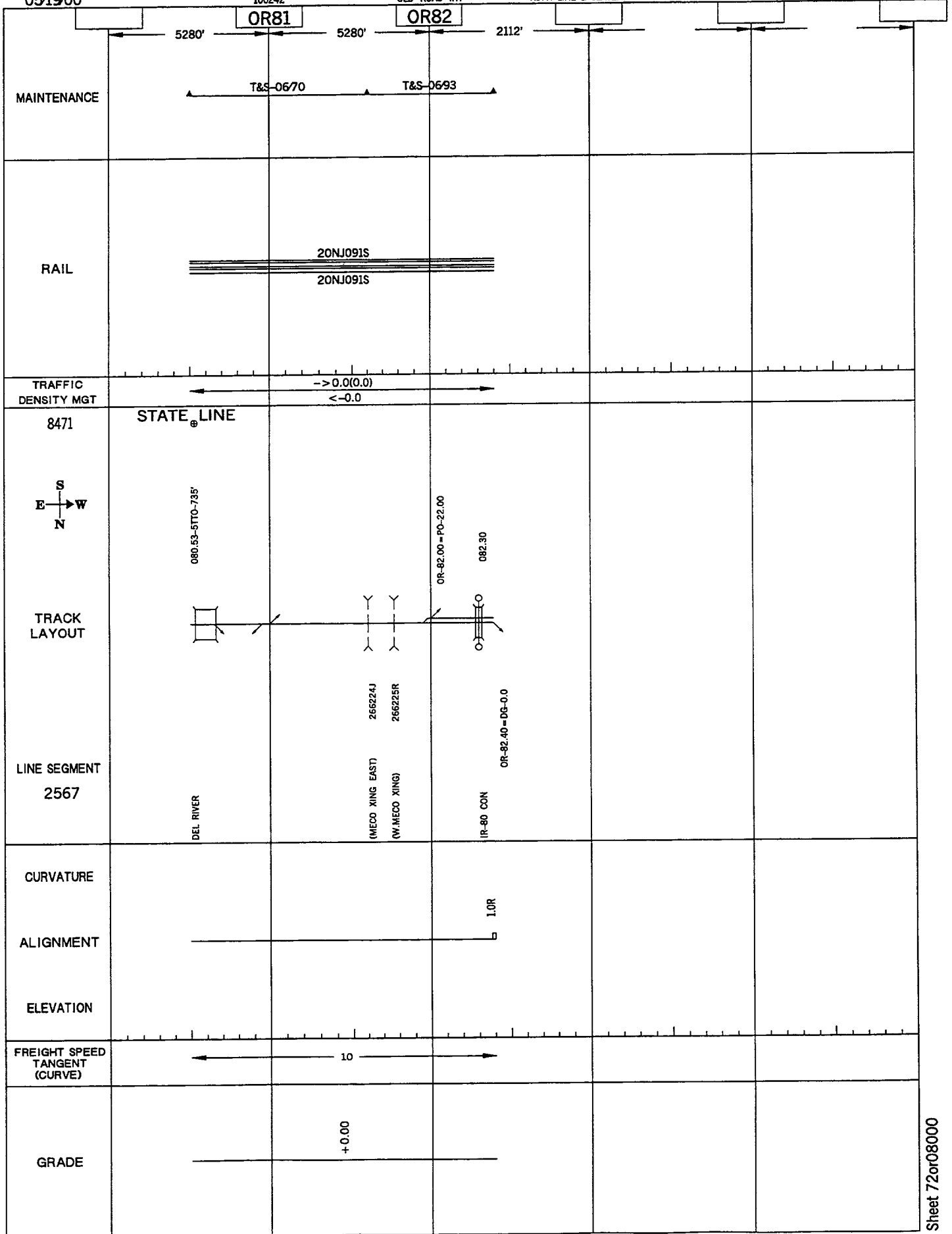
051900

106242

OLD ROAD I.T.

NJPA LINE-E SLATEFORD J

HARRISBURG



375

051900

106243

NAZARETH I.T.

BELFAST JCT-DEXTER HILL

HARRISBURG

AV104

5280'

5280'

T&S-0667

MAINTENANCE

RAIL

21NJ105S

20NJ105S

21NJ105S

20NJ105S

TRAFFIC
DENSITY MGT

-> 0.2(0.4)

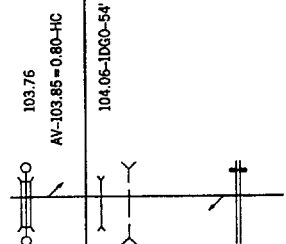
<- 0.2

HERCULES JCT

8471

W
S → N
E

TRACK
LAYOUT



266268J

266269R

266270K

LINE SEGMENT
2048

RTE 33
BUSHKILL CK
PRIVATE CROSSING
PRIVATE CROSSING
NISKY'S LR 4-915

CURVATURE

ALIGNMENT

ELEVATION



FREIGHT SPEED
TANGENT
(CURVE)

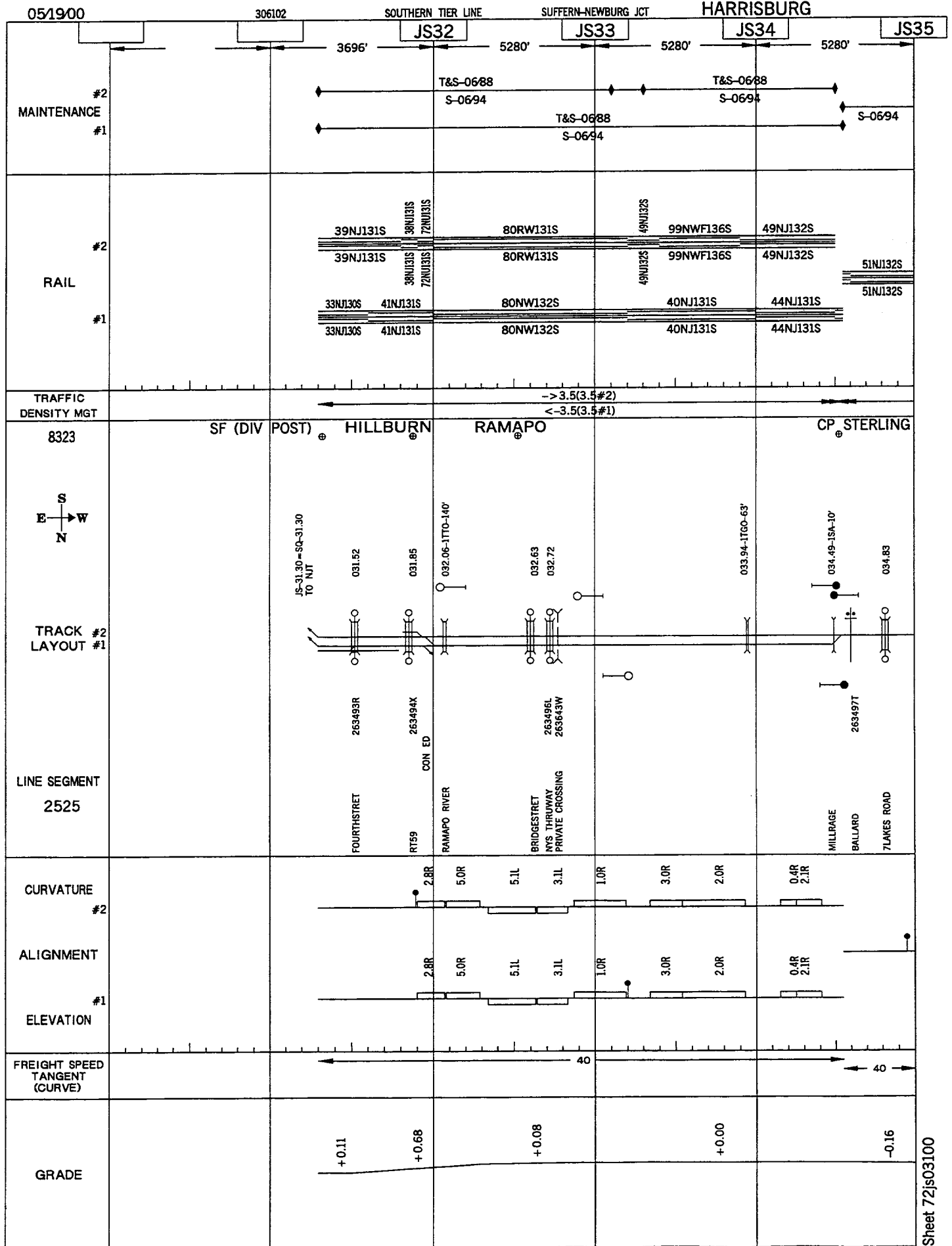
10

GRADE

+0.00

+0.00

+0.00



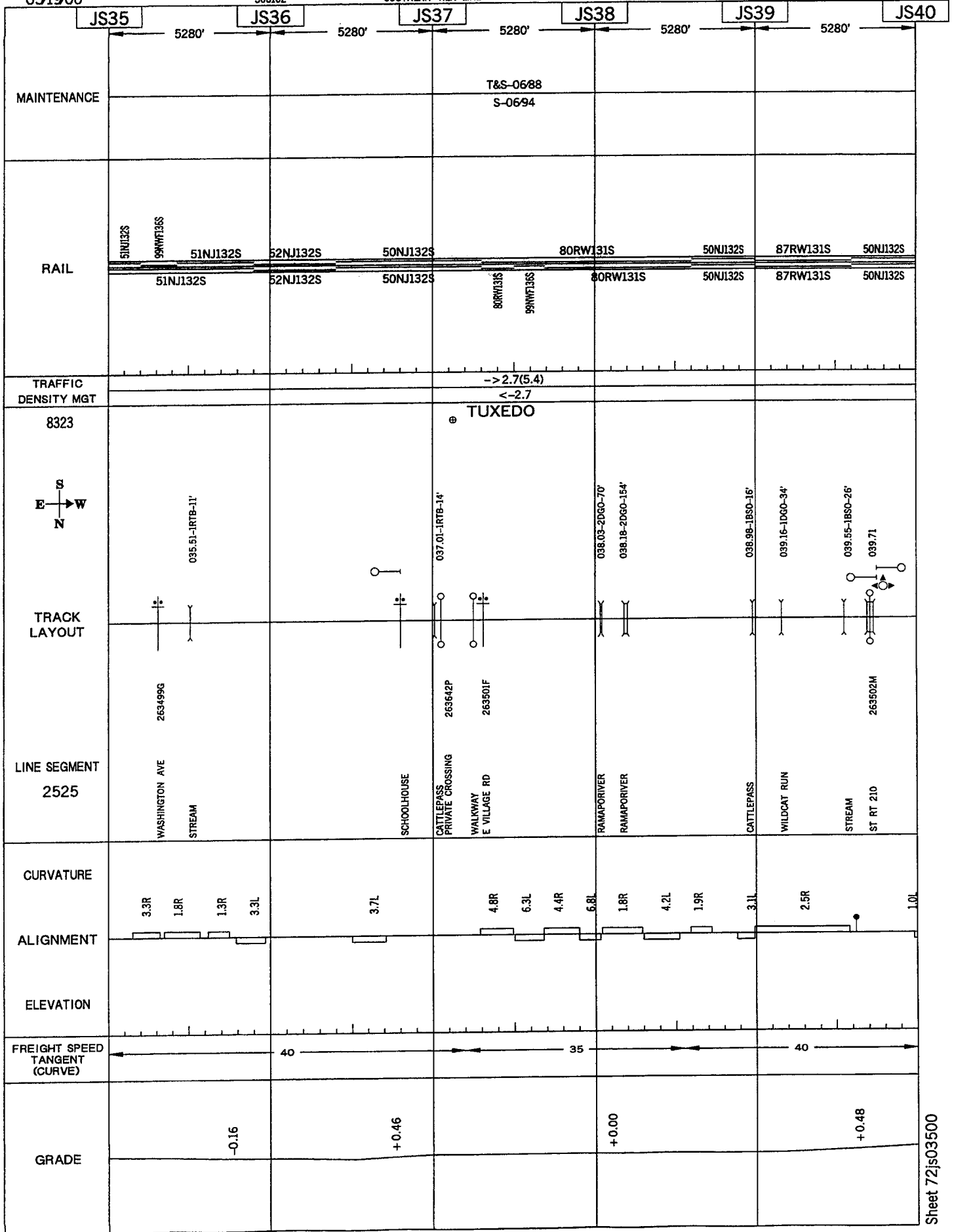
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306102

SOUTHERN TIER LINE

SUFFERN-NEWBURG JCT

HARRISBURG



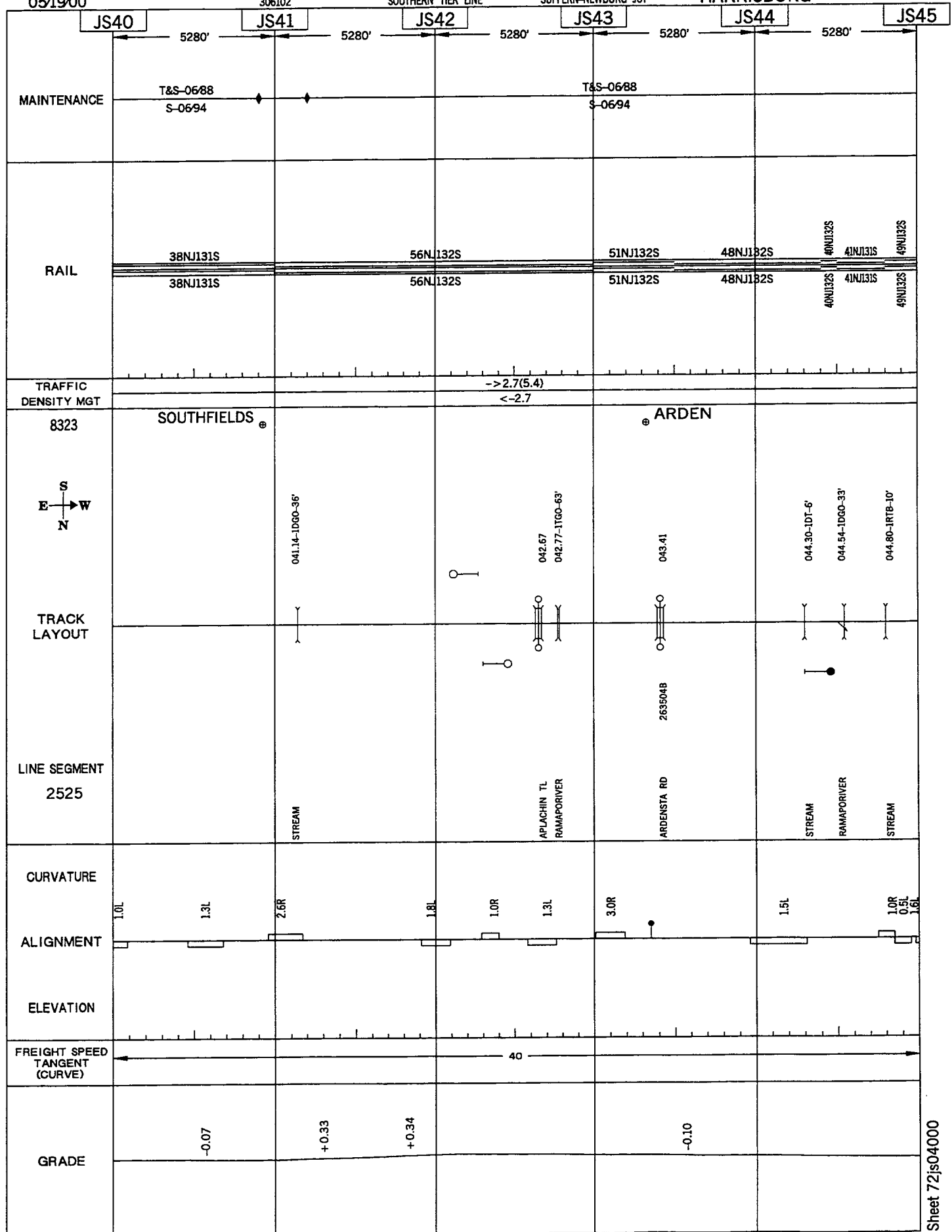
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306102

SOUTHERN TIER LINE

SUFFERN-NEWBURG JCT

HARRISBURG



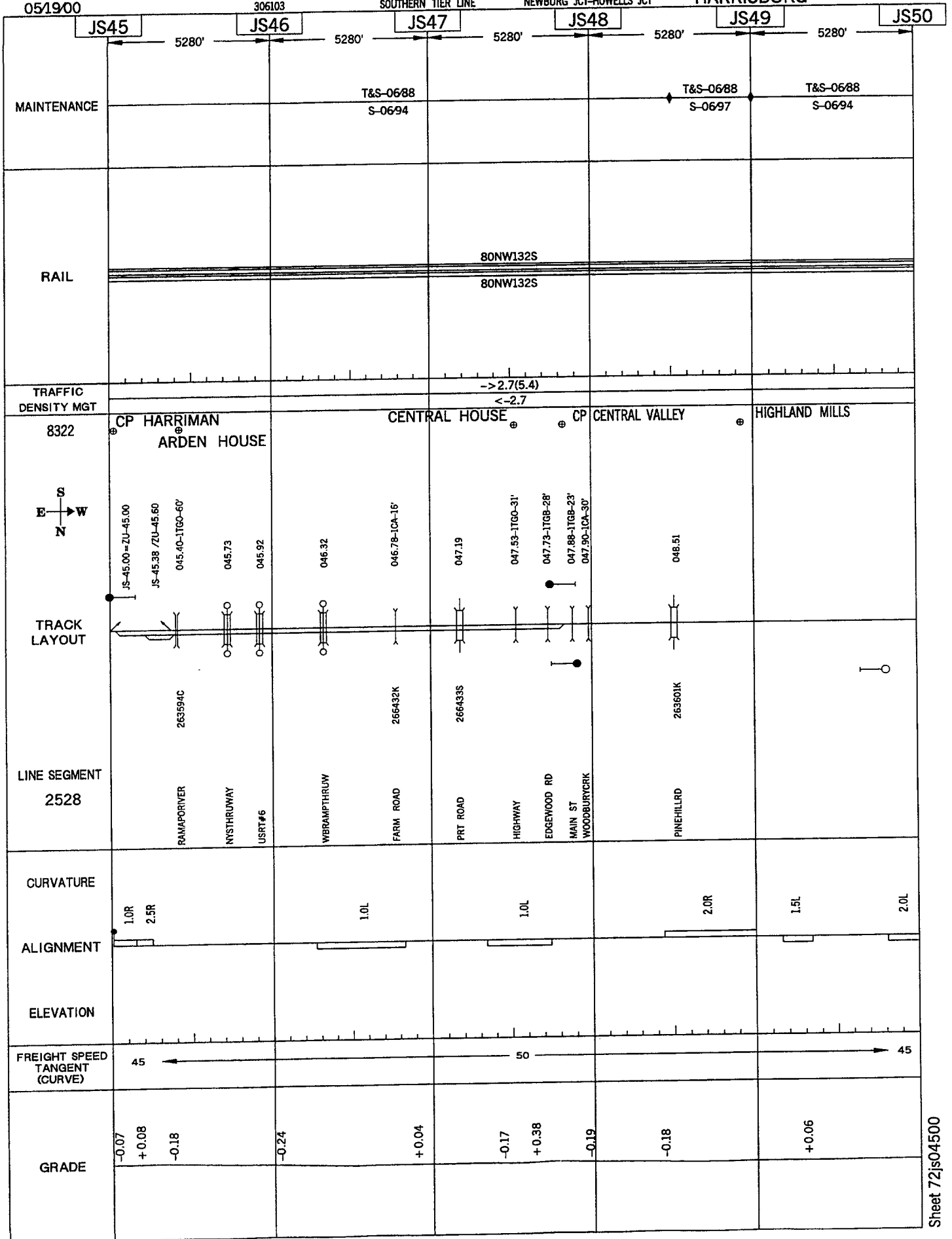
05/19/00

306103

SOUTHERN TIER LINE

NEWBURG JCT-HOWELLS JCT

HARRISBURG



380

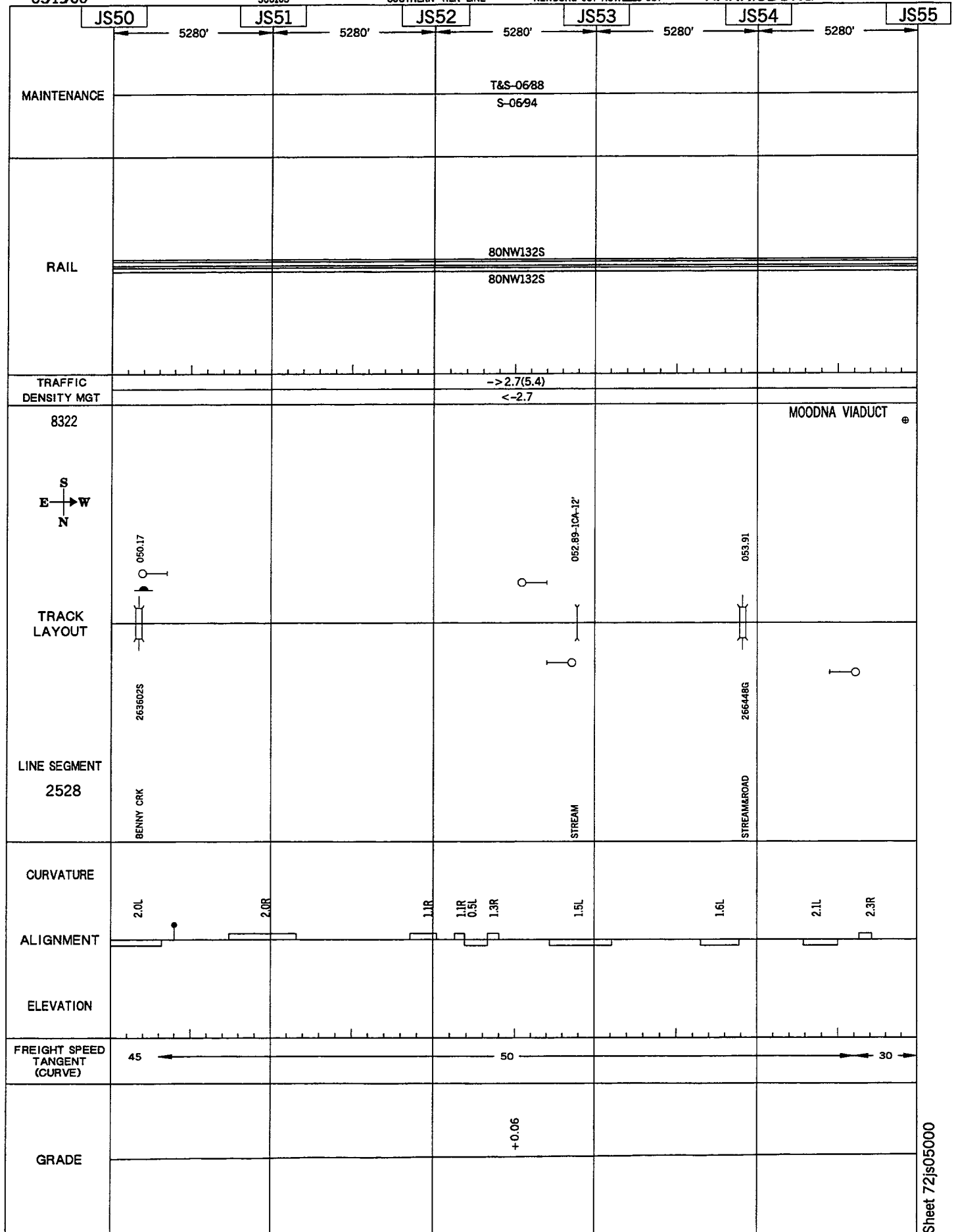
051900

306103

SOUTHERN TIER LINE

NEWBURG JCT-HOWELLS JCT

HARRISBURG



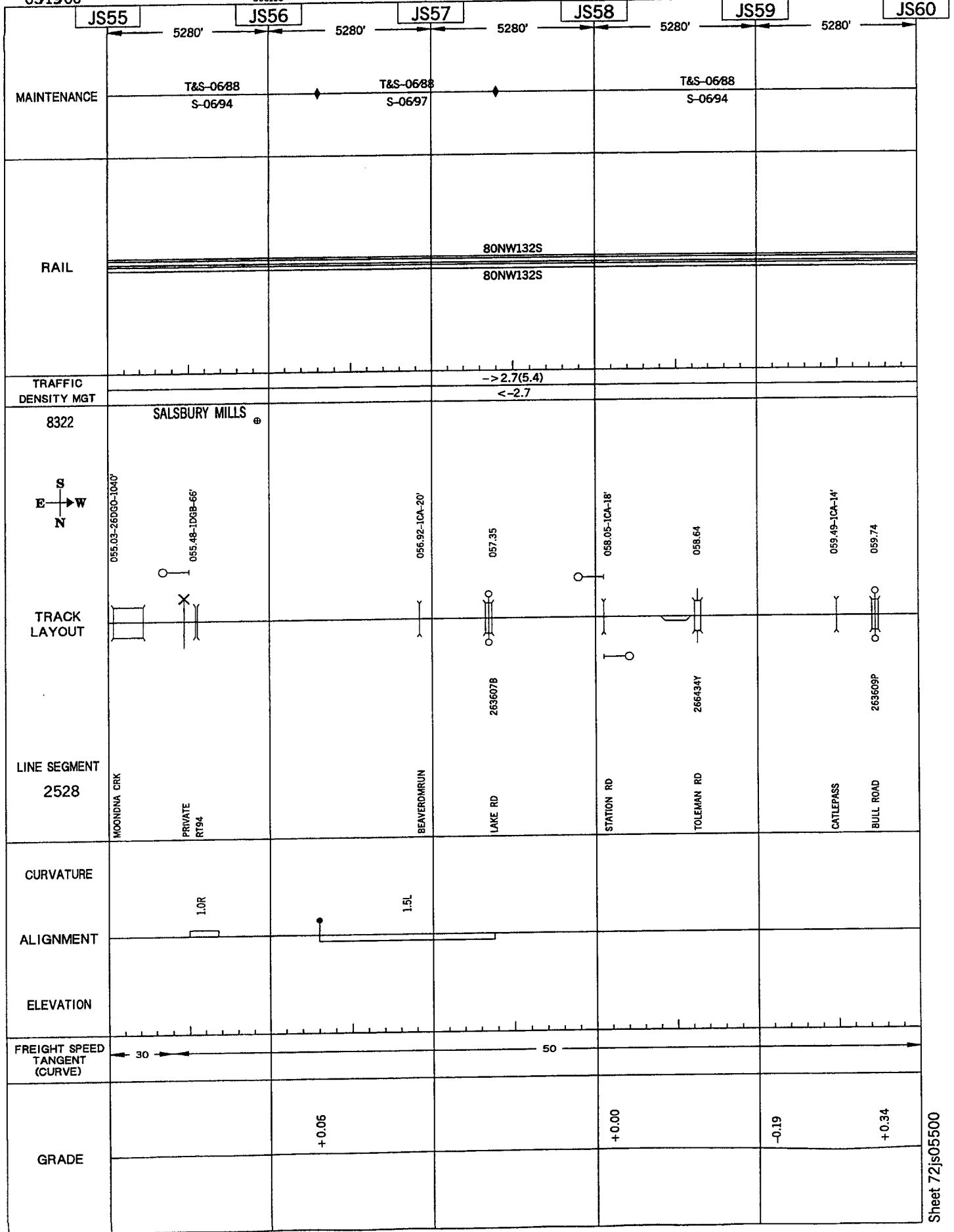
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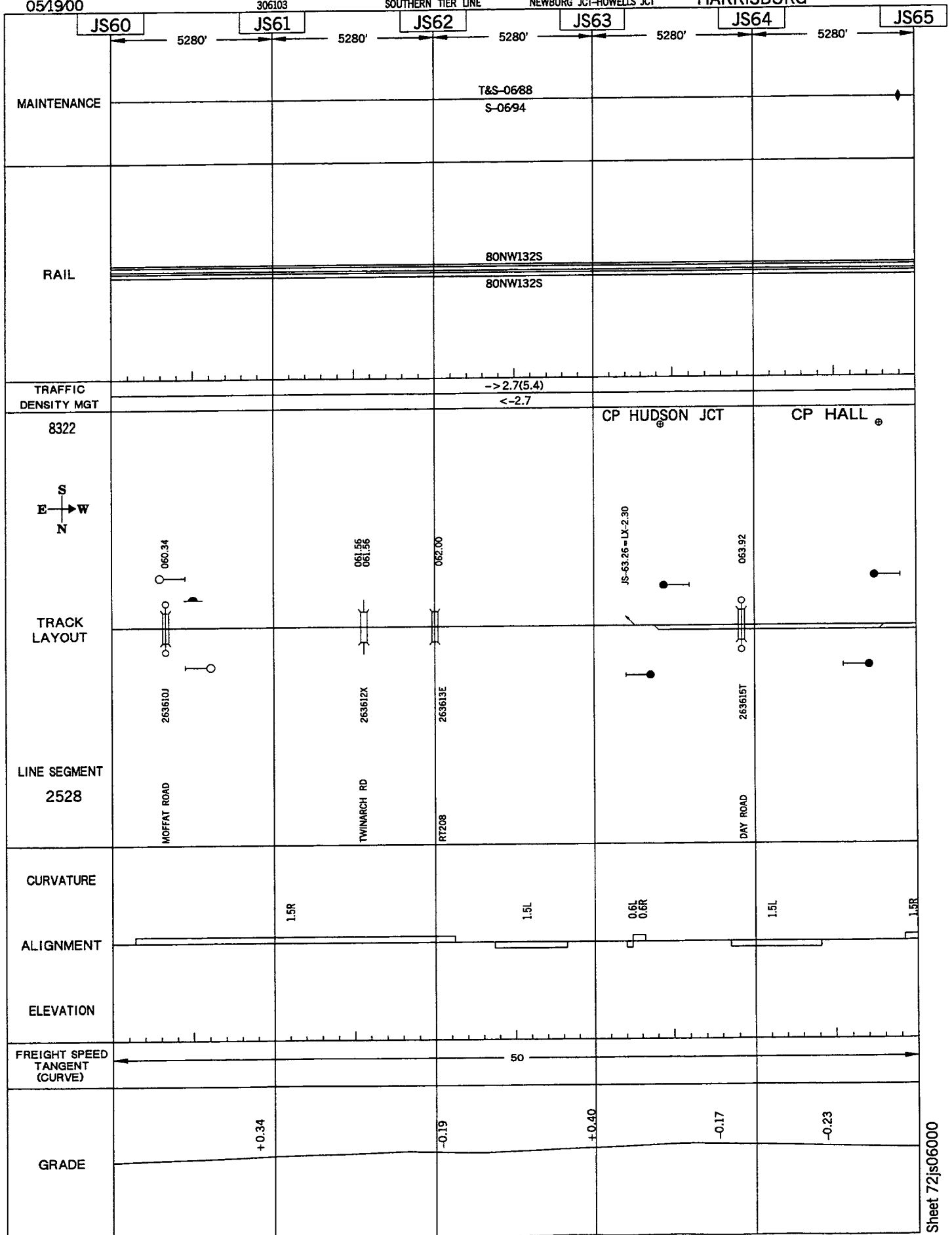
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SOUTHERN TIER LINE

NEWBURG JCT-HOWELLS JCT

HARRISBURG





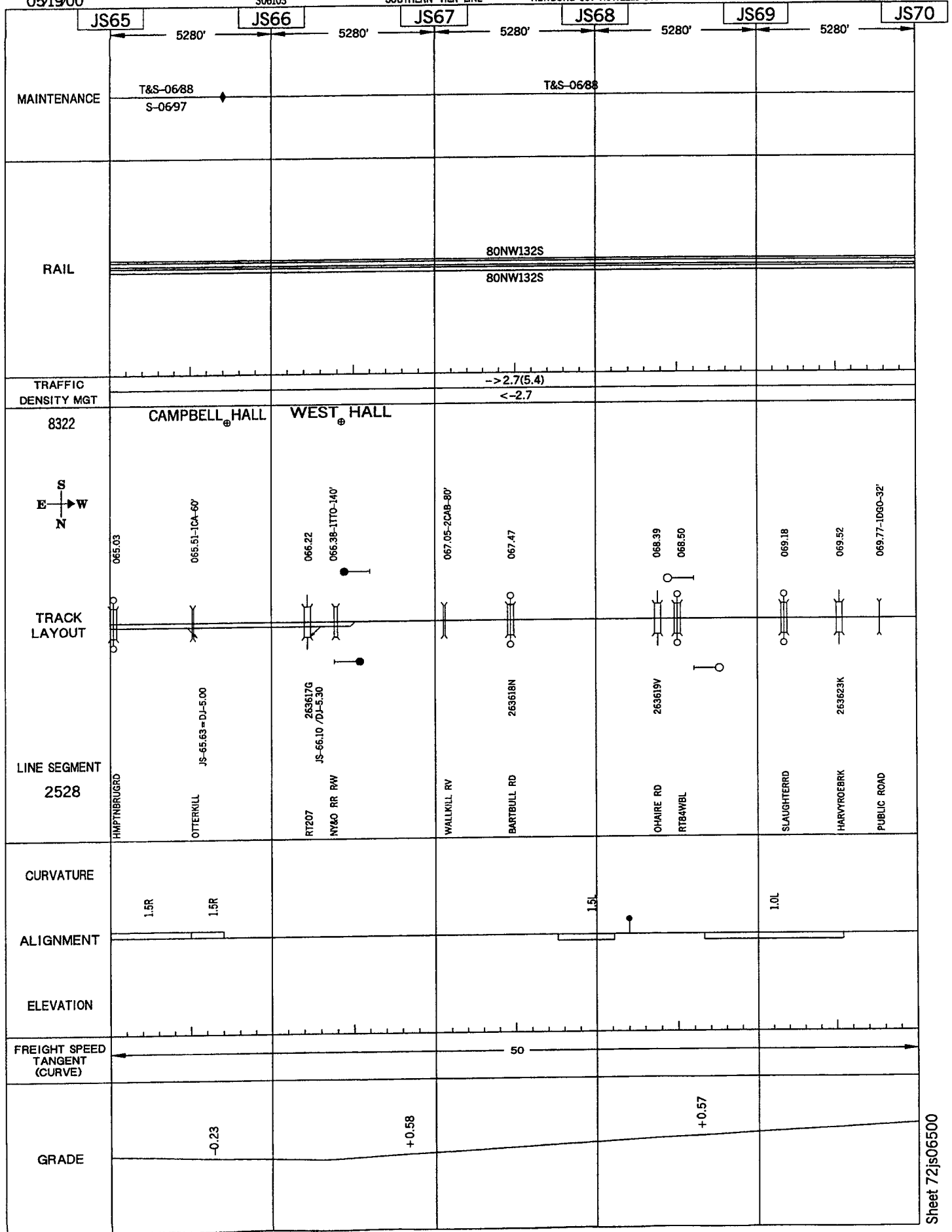
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306103

SOUTHERN TIER LINE

NEWBURG JCT-HOWELLS JCT

HARRISBURG



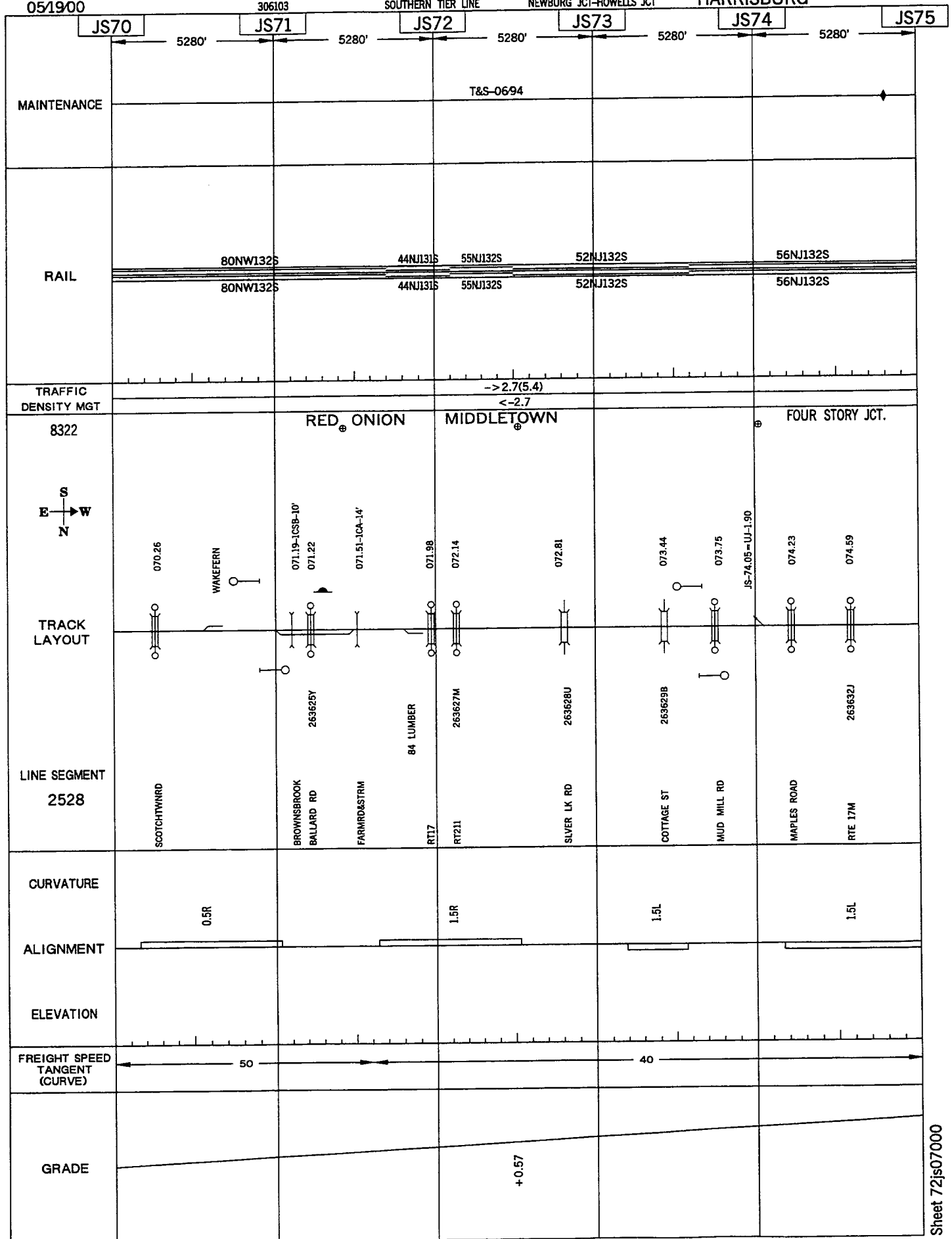
05/1900

306103

SOUTHERN TIER LINE

NEWBURG JCT-HOWELLS JCT

HARRISBURG



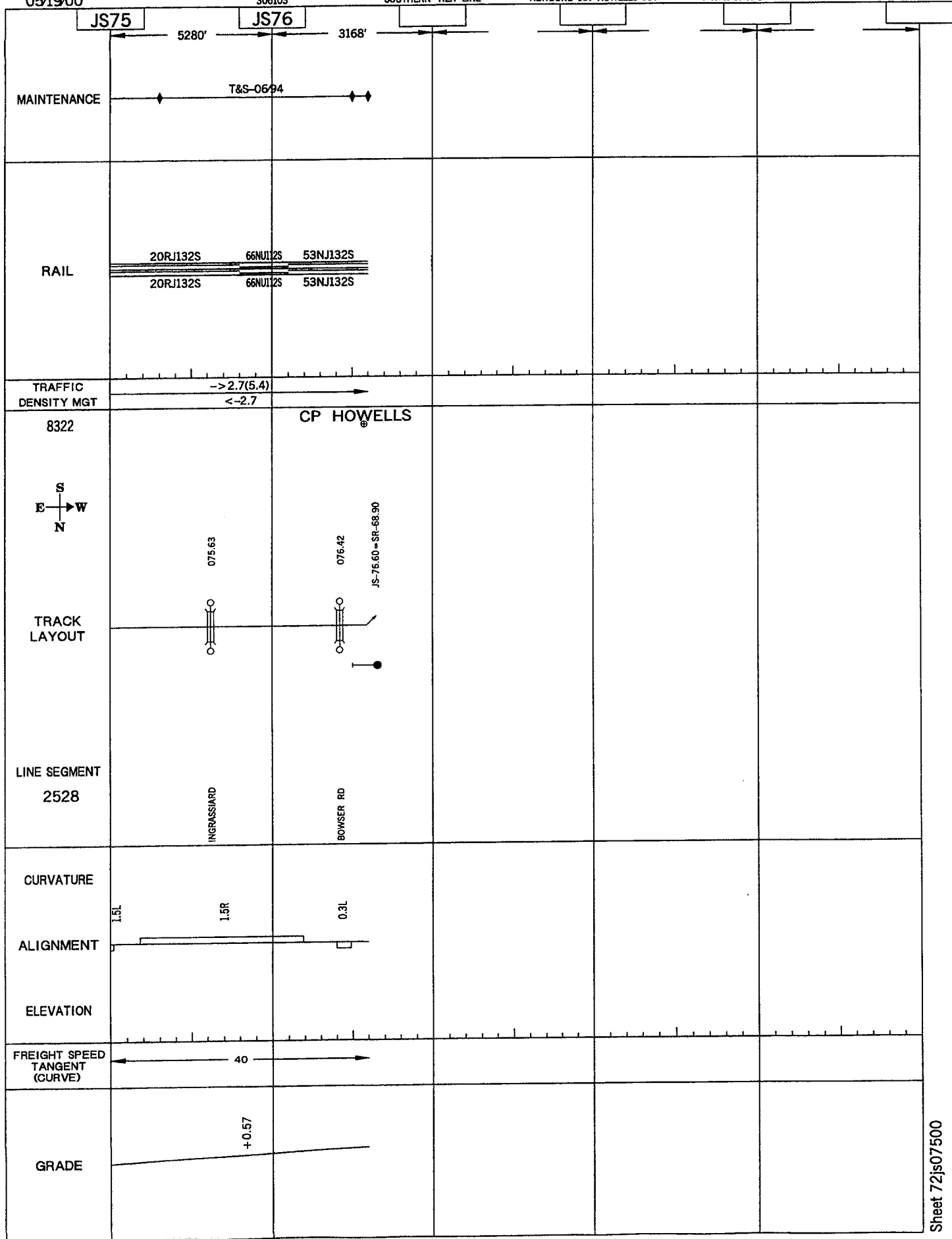
05/19/00

306103

SOUTHERN TIER LINE

NEWBURG JCT-HOWELLS JCT

HARRISBURG



05/1900

306102

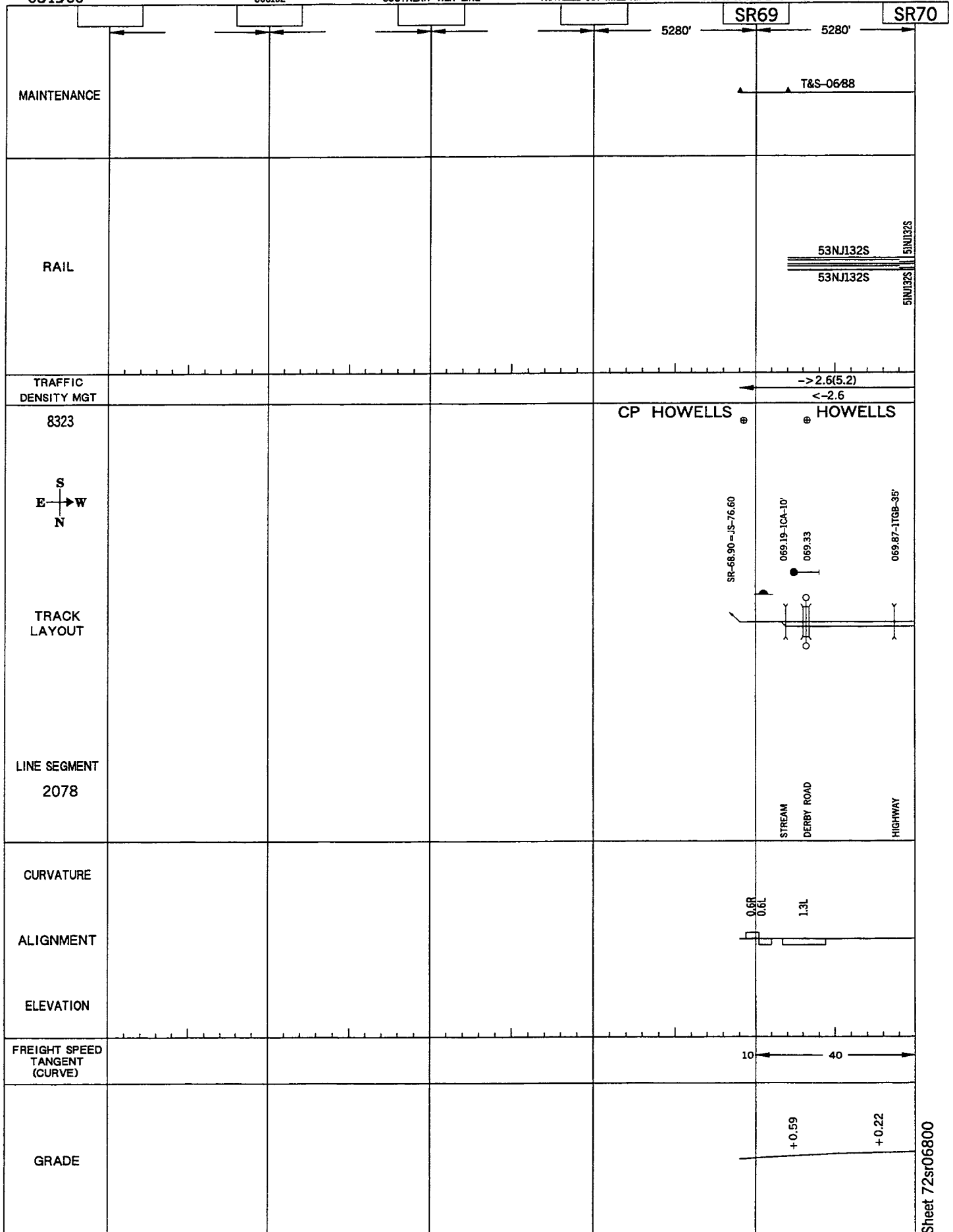
SOUTHERN TIER LINE

HOWELLS JCT-MILL RIFT

HARRISBURG

SR69

SR70



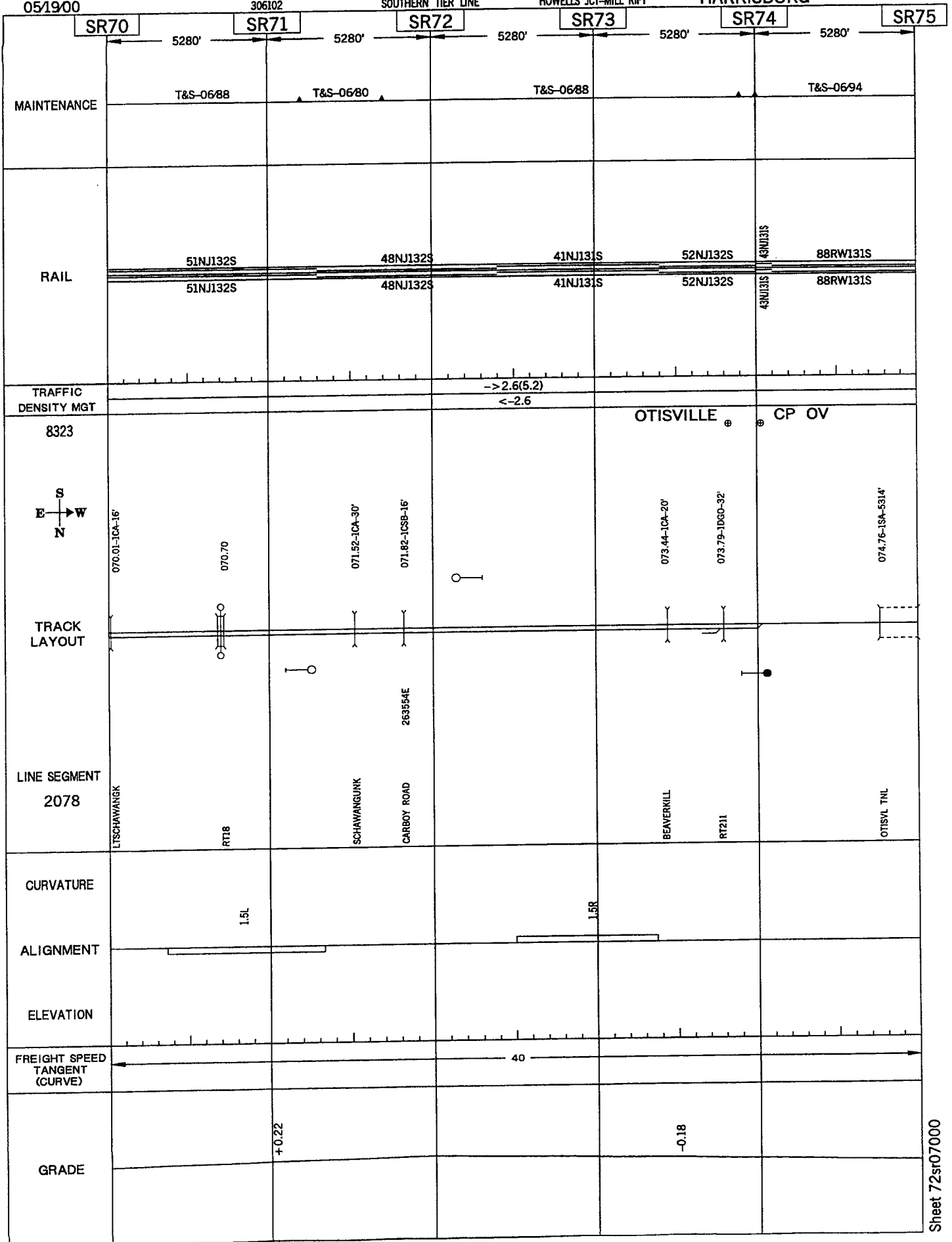
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306102

SOUTHERN TIER LINE

HOWELLS JCT-MILL RIFT

HARRISBURG



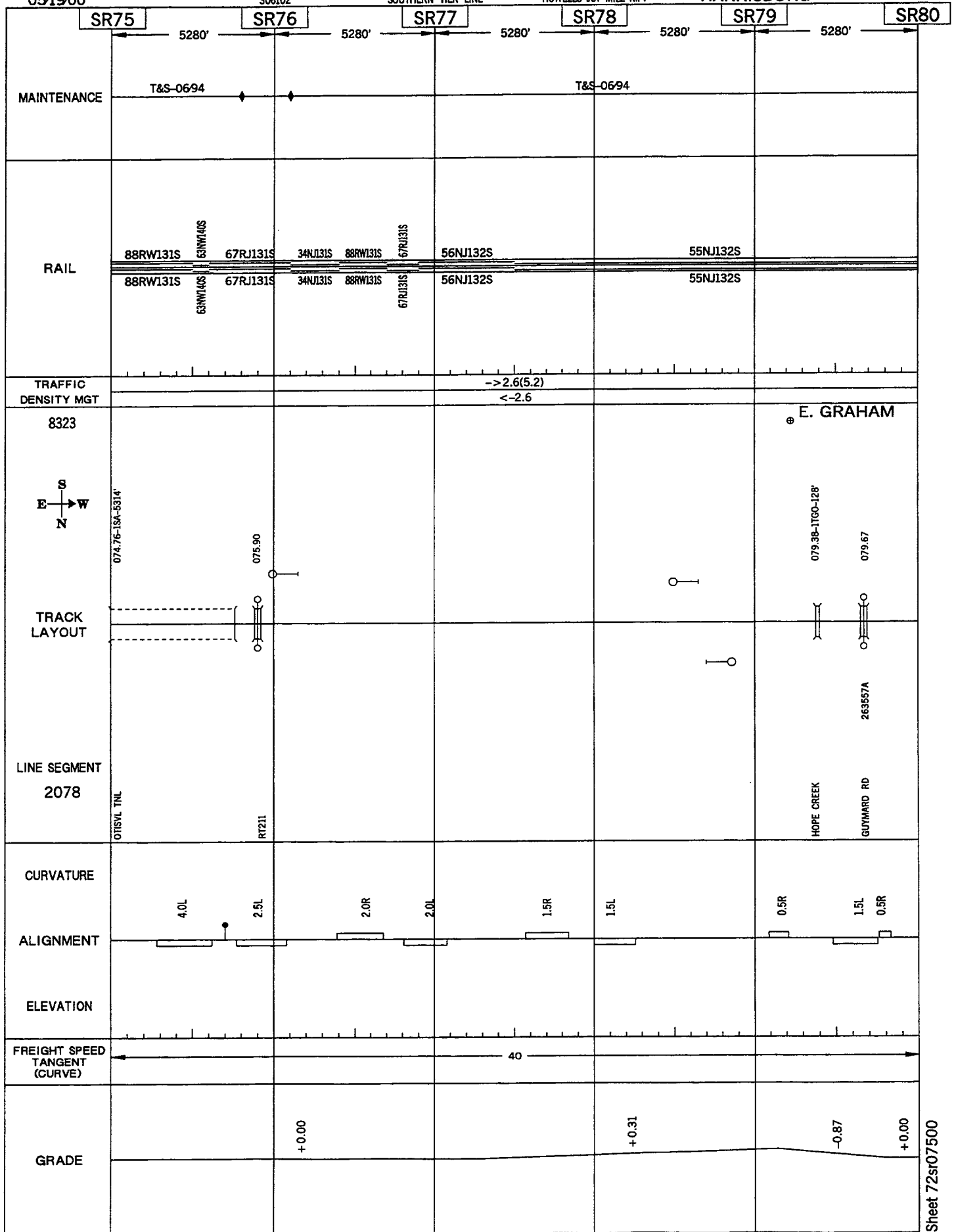
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306102

SOUTHERN TIER LINE

HOWELLS JCT-MILL RIFT

HARRISBURG



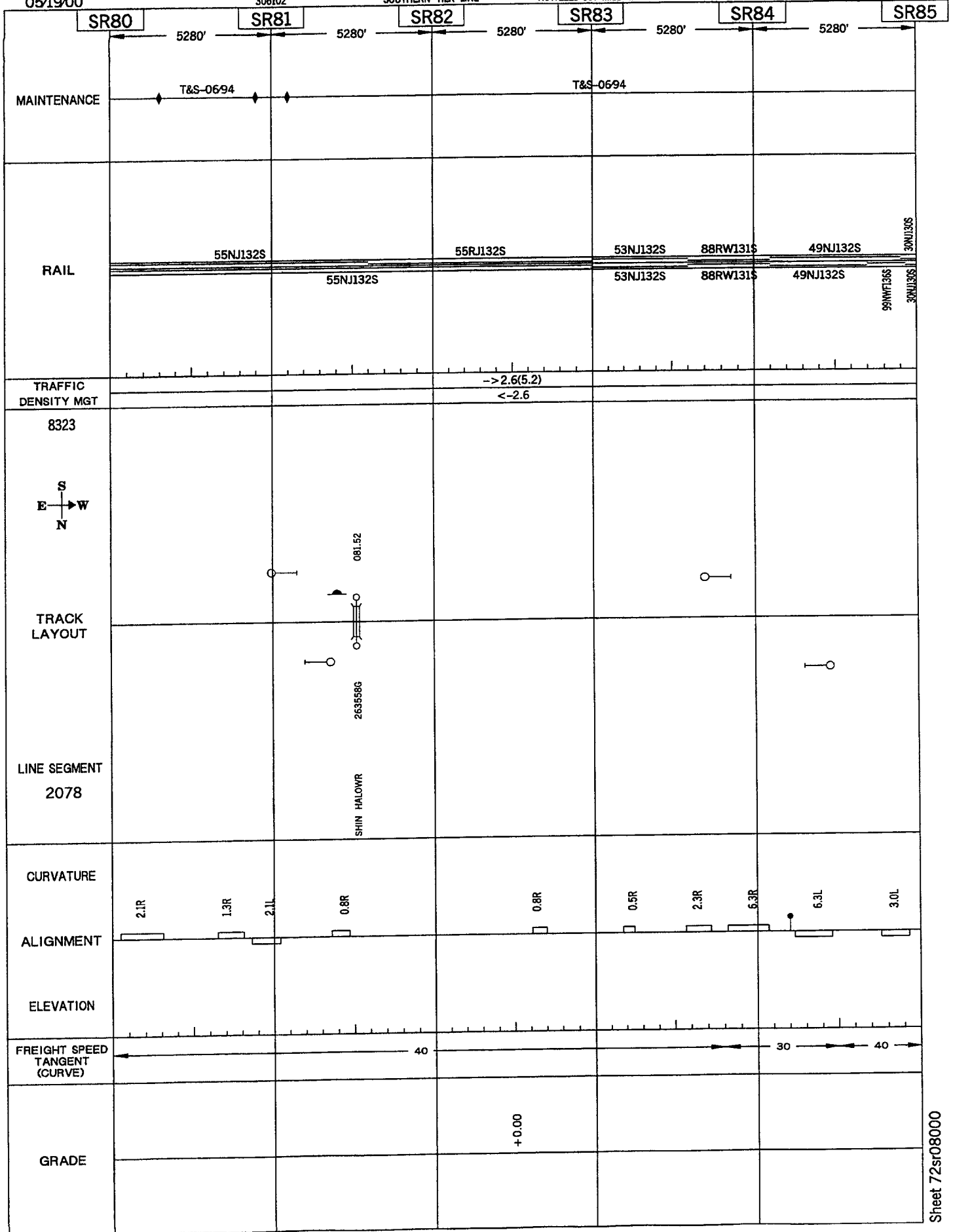
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306102

SOUTHERN TIER LINE

HOWELLS JCT-MILL RIFT

HARRISBURG



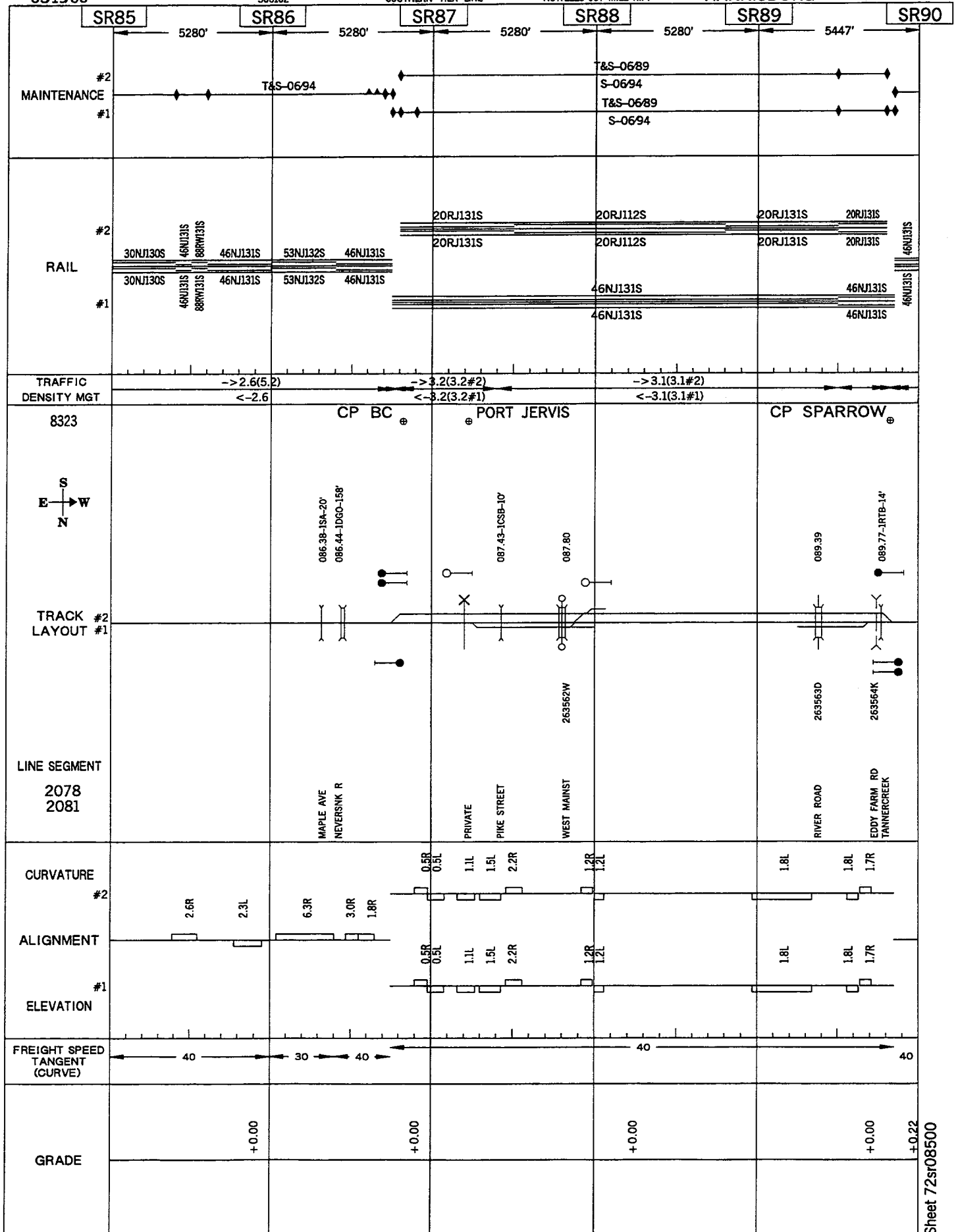
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306102

SOUTHERN TIER LINE

HOWELLS JCT-MILL RIFT

HARRISBURG



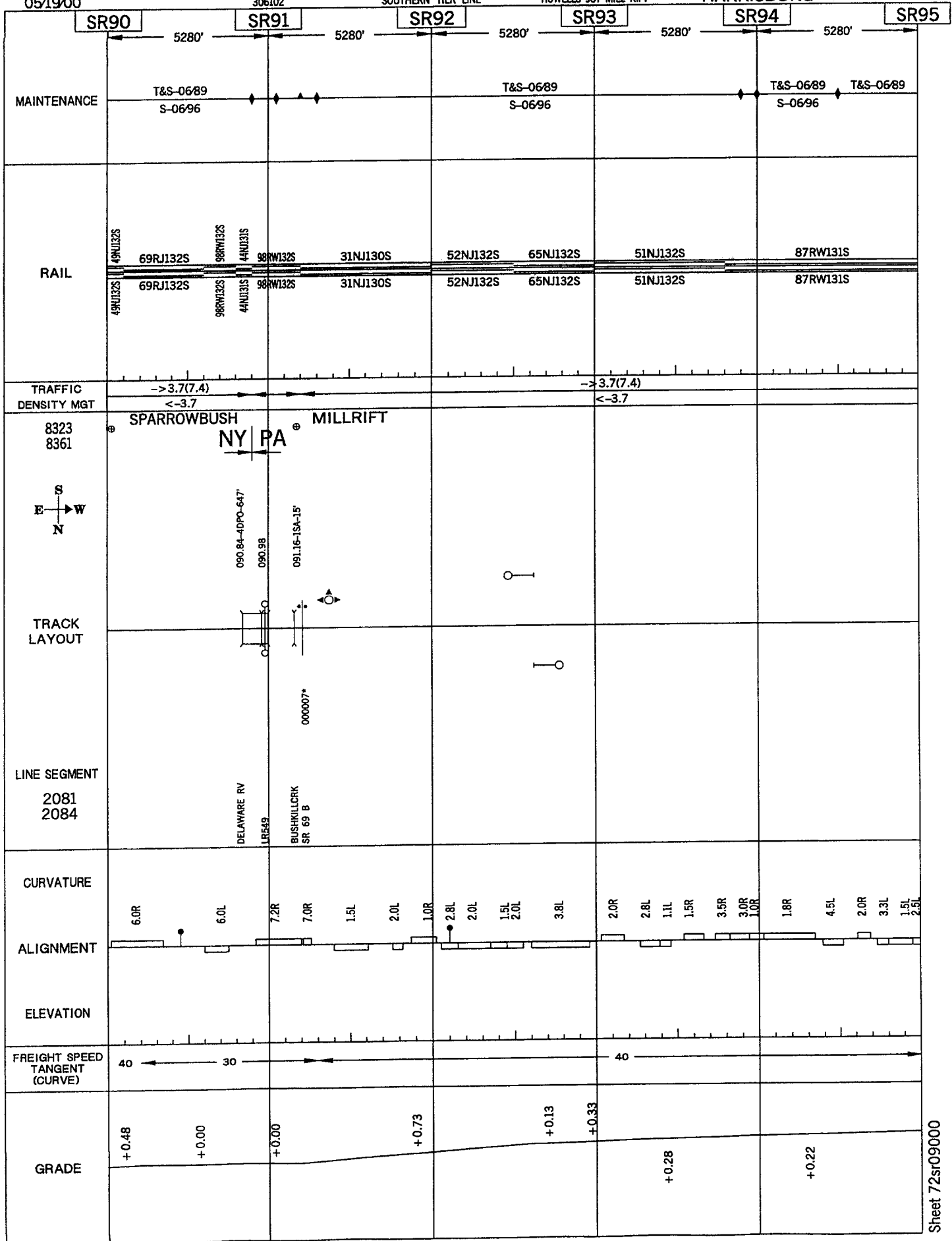
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306102

SOUTHERN TIER LINE

HOWELLS JCT-MILL RIFT

HARRISBURG



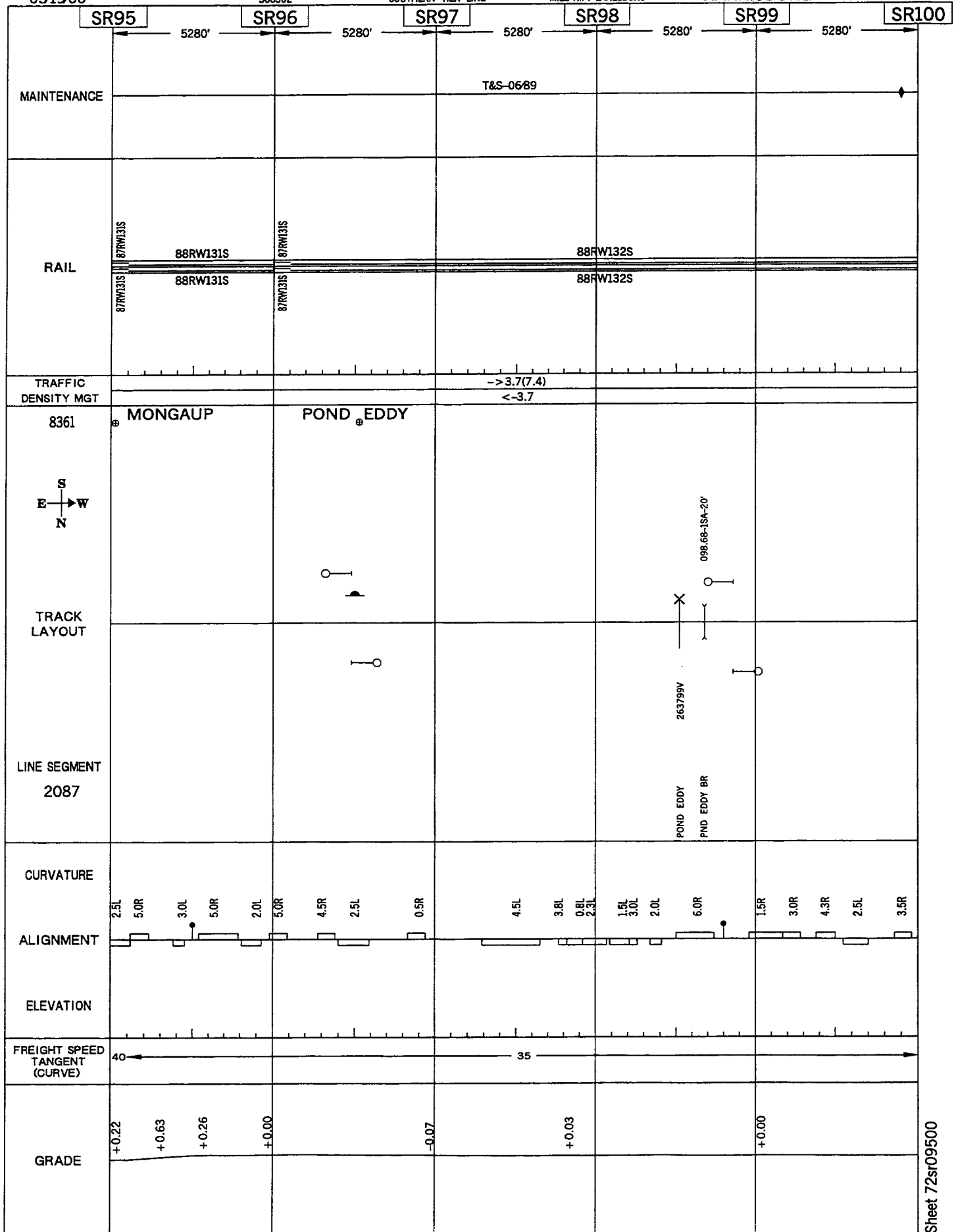
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306302

SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



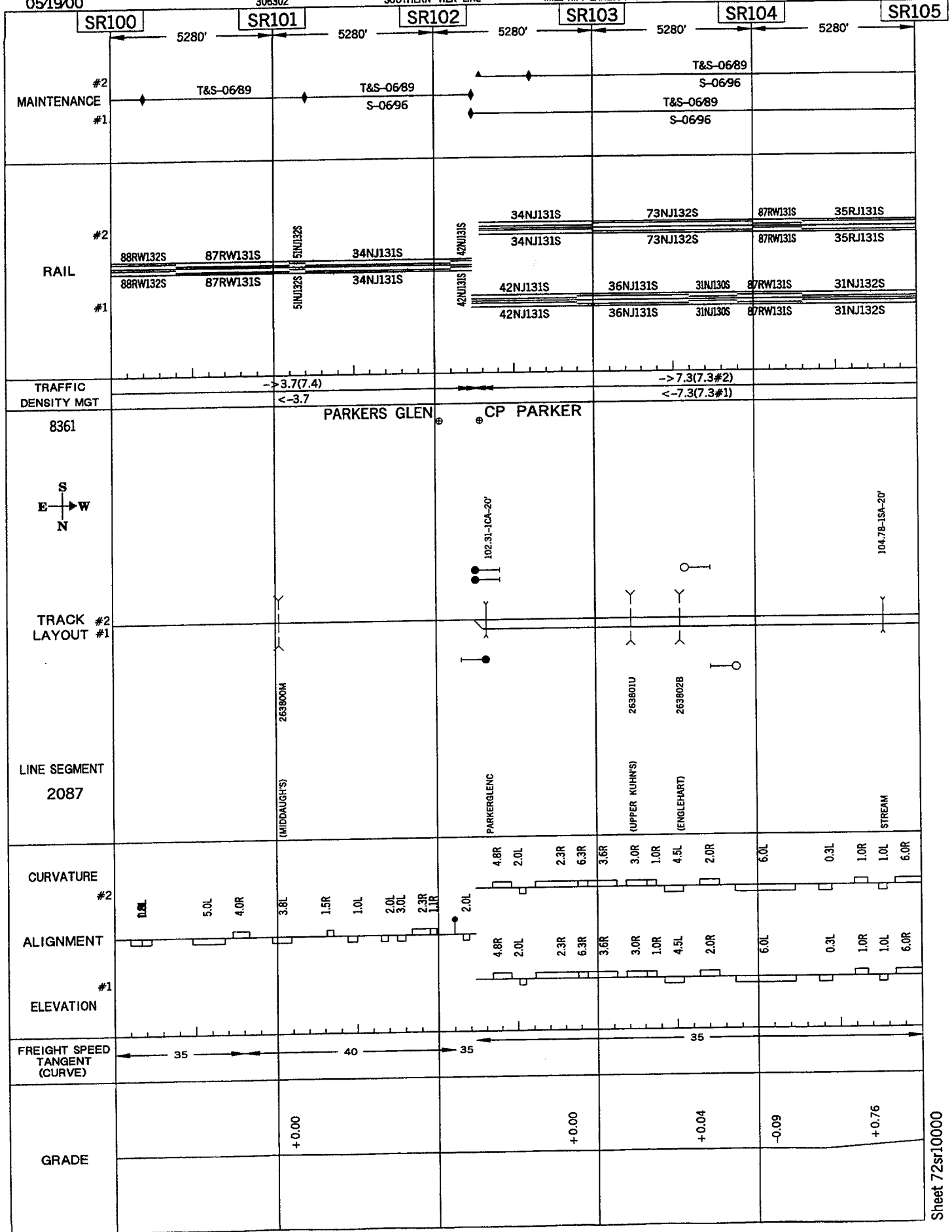
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306302

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MILL RIFT-LANESBORO

HARRISBURG



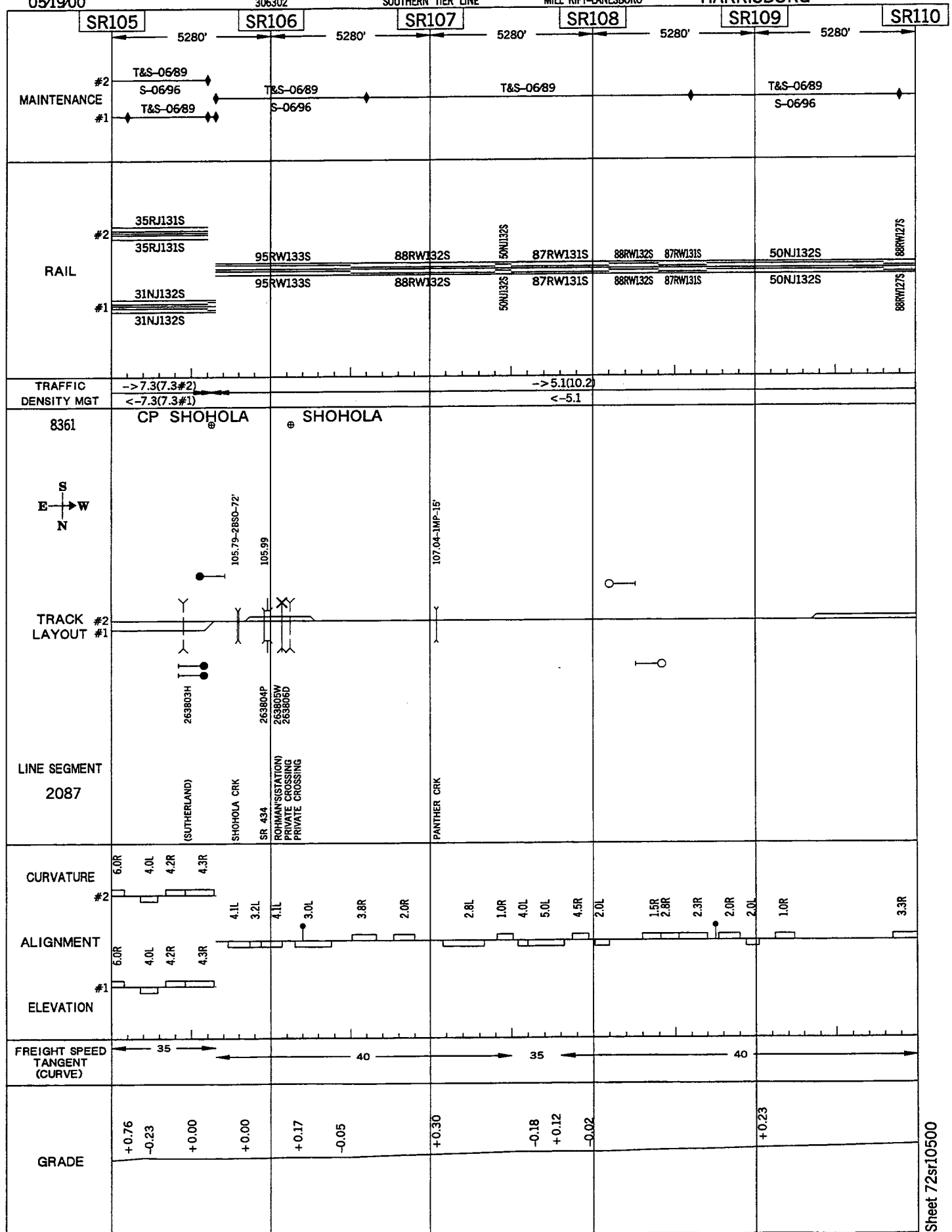
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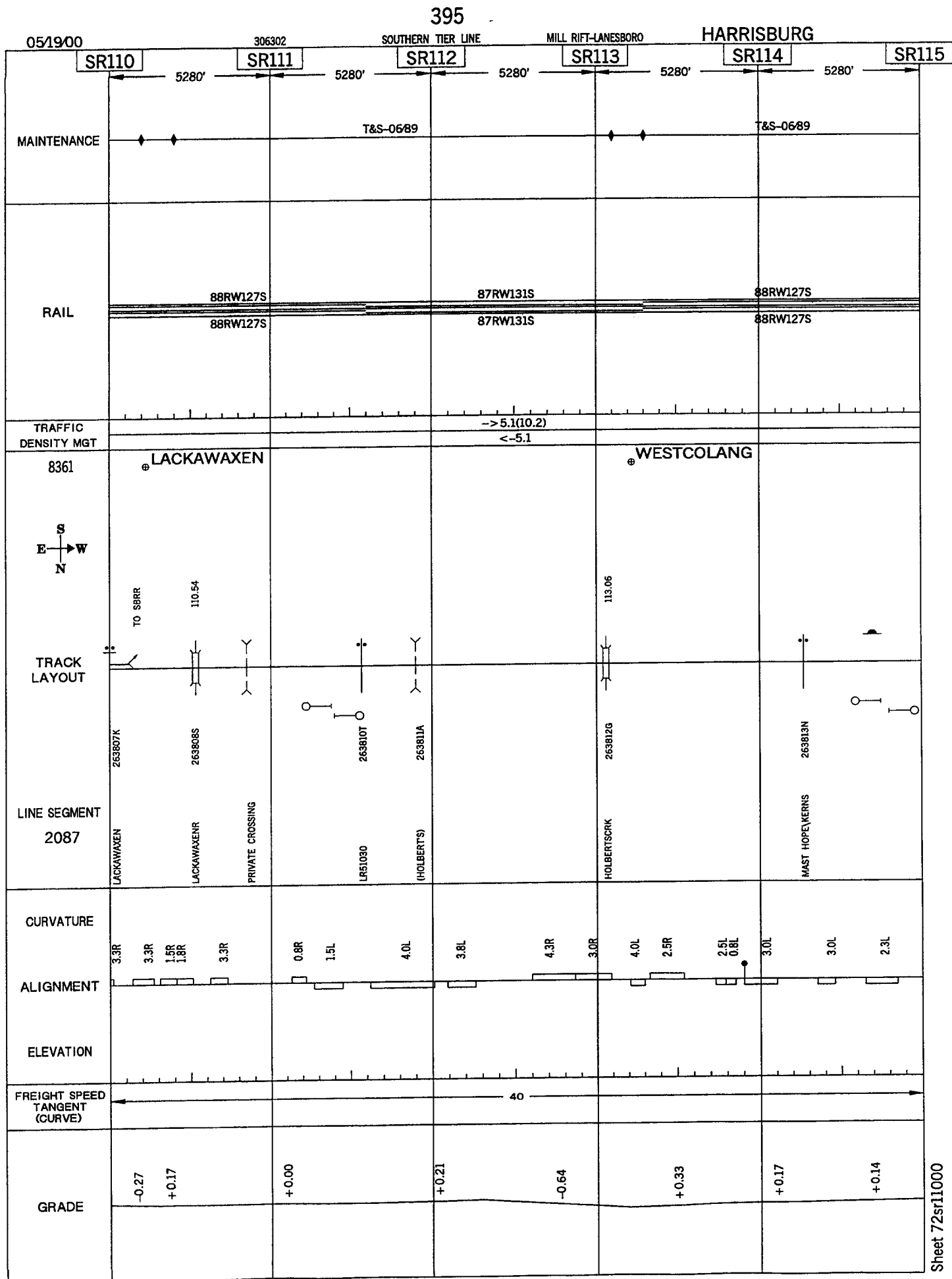
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MILL RIFT-LANESBORO

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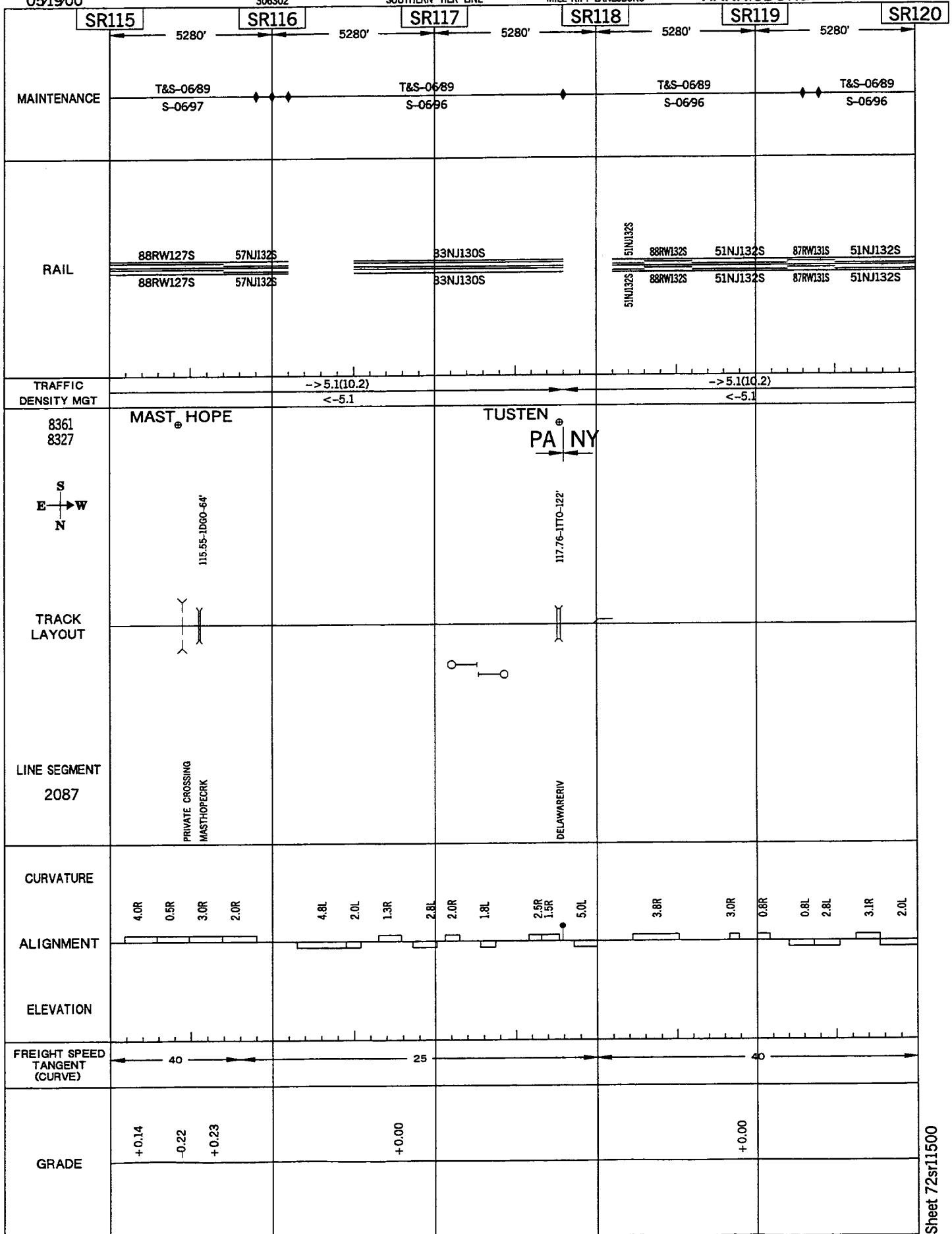
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HARRISBURG



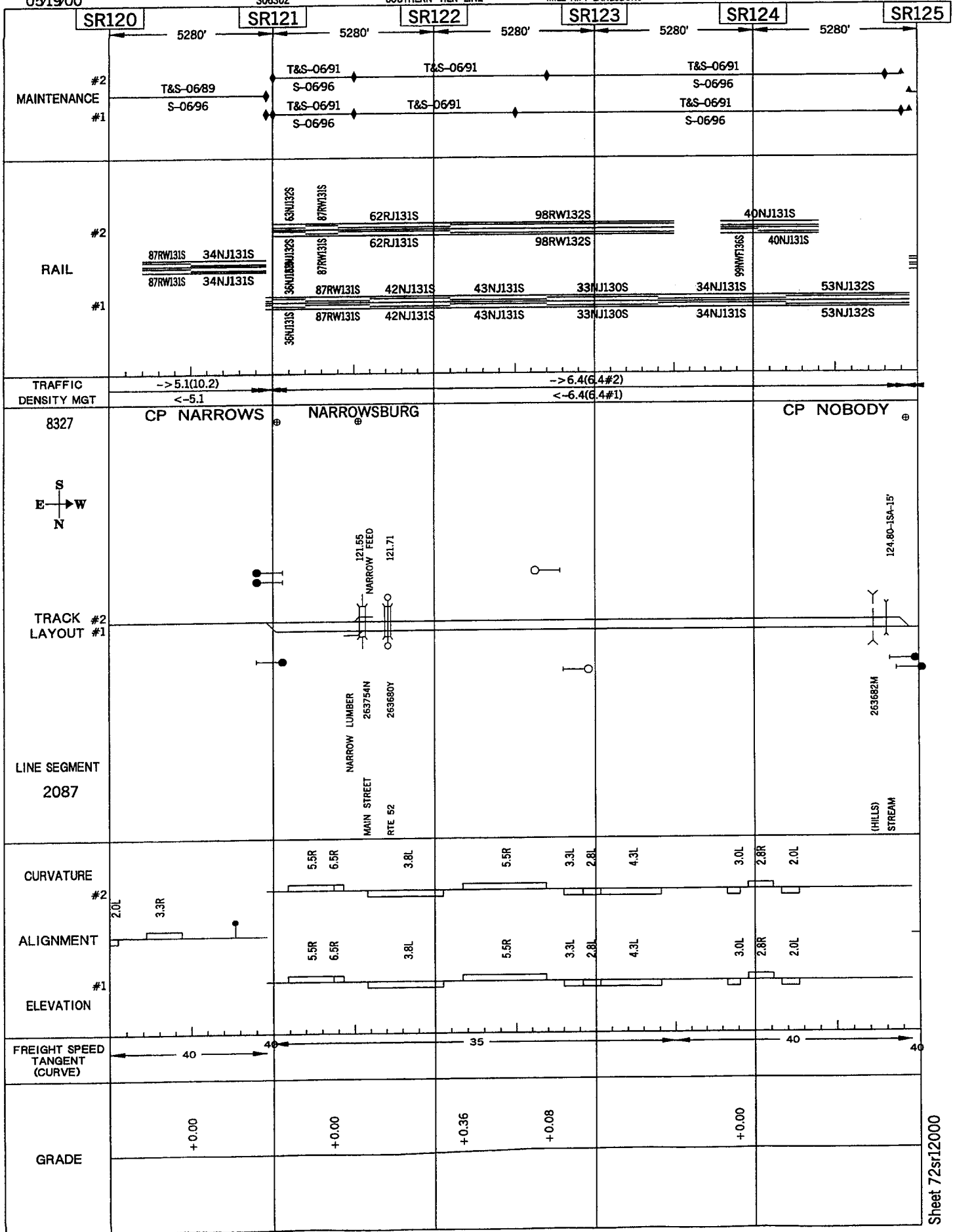
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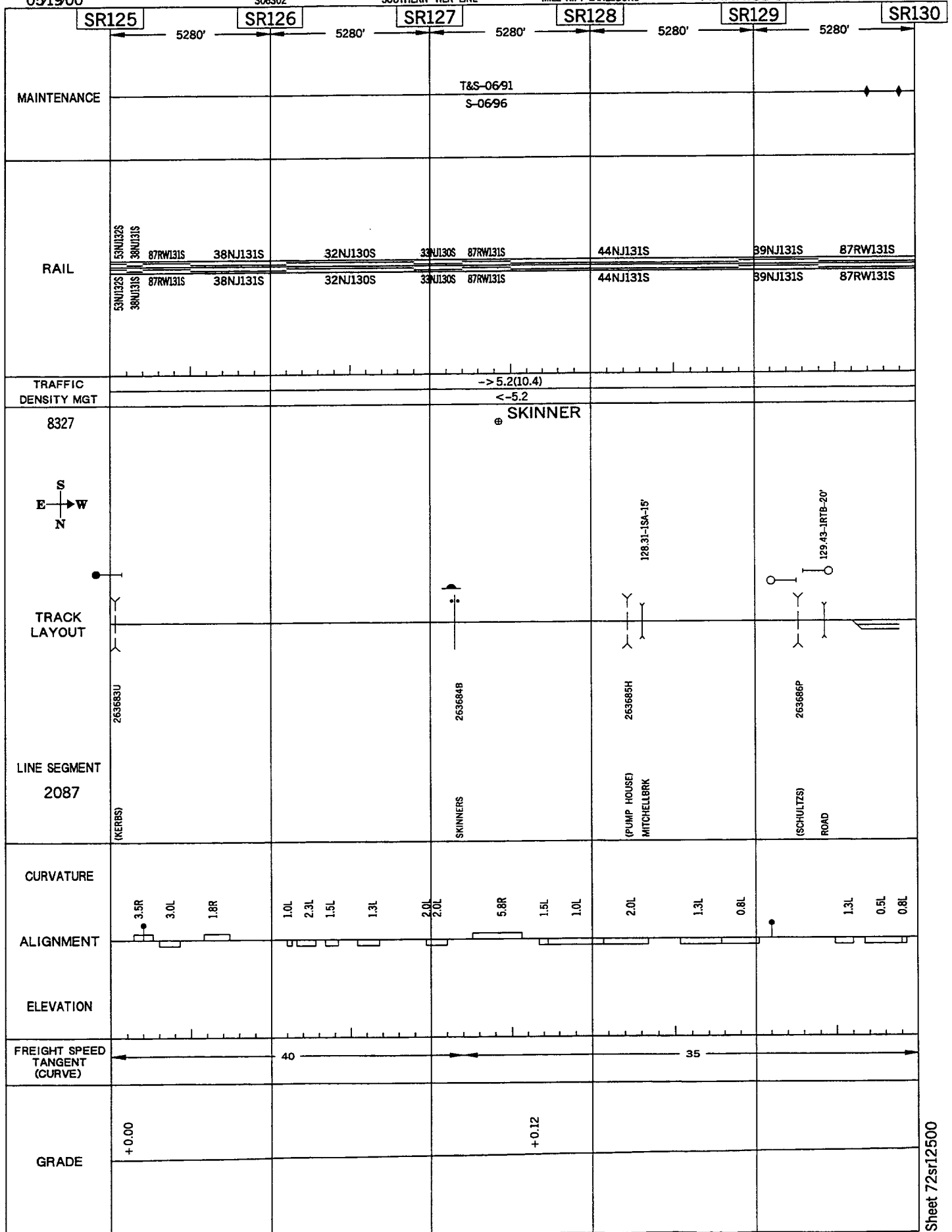
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306302

SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



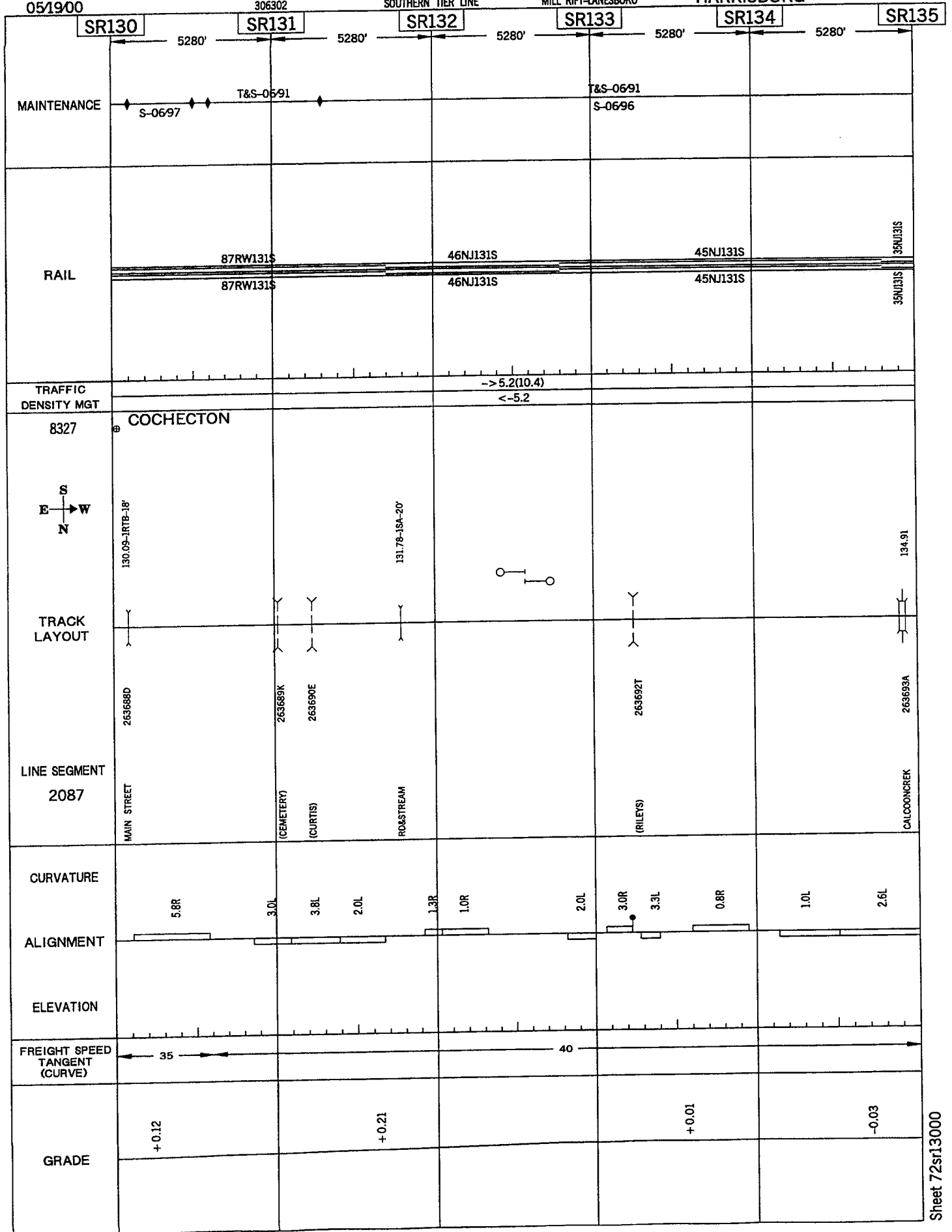
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



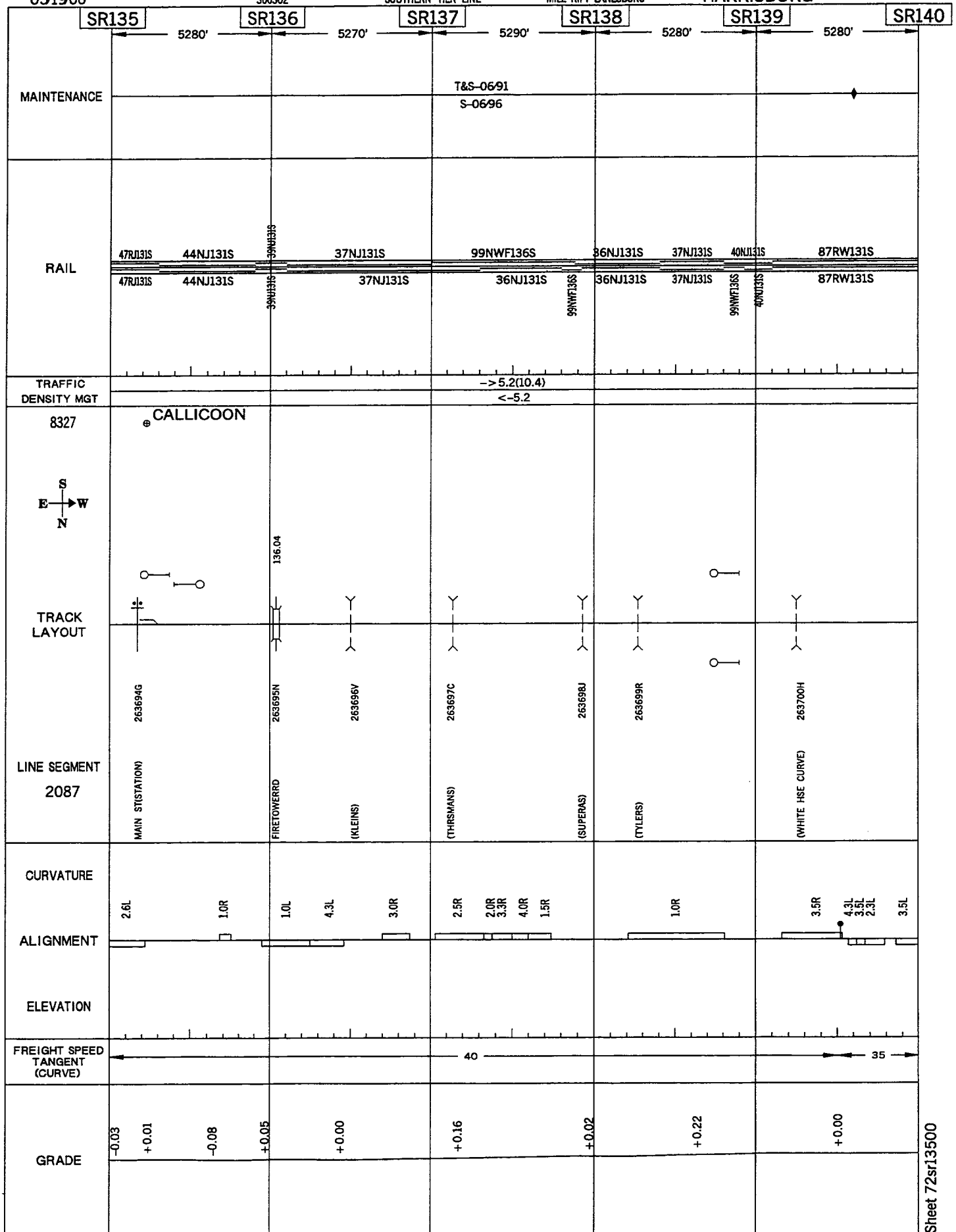
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



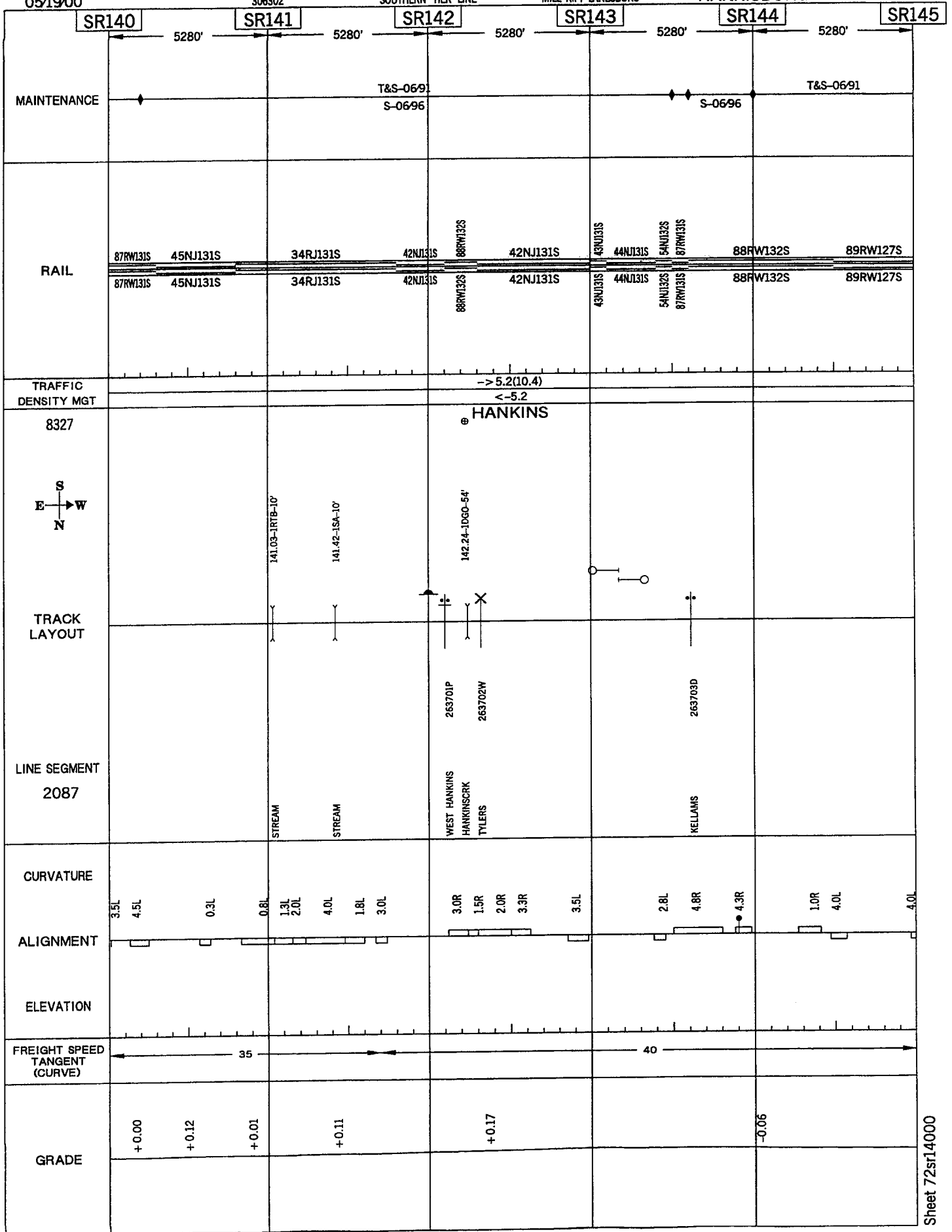
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



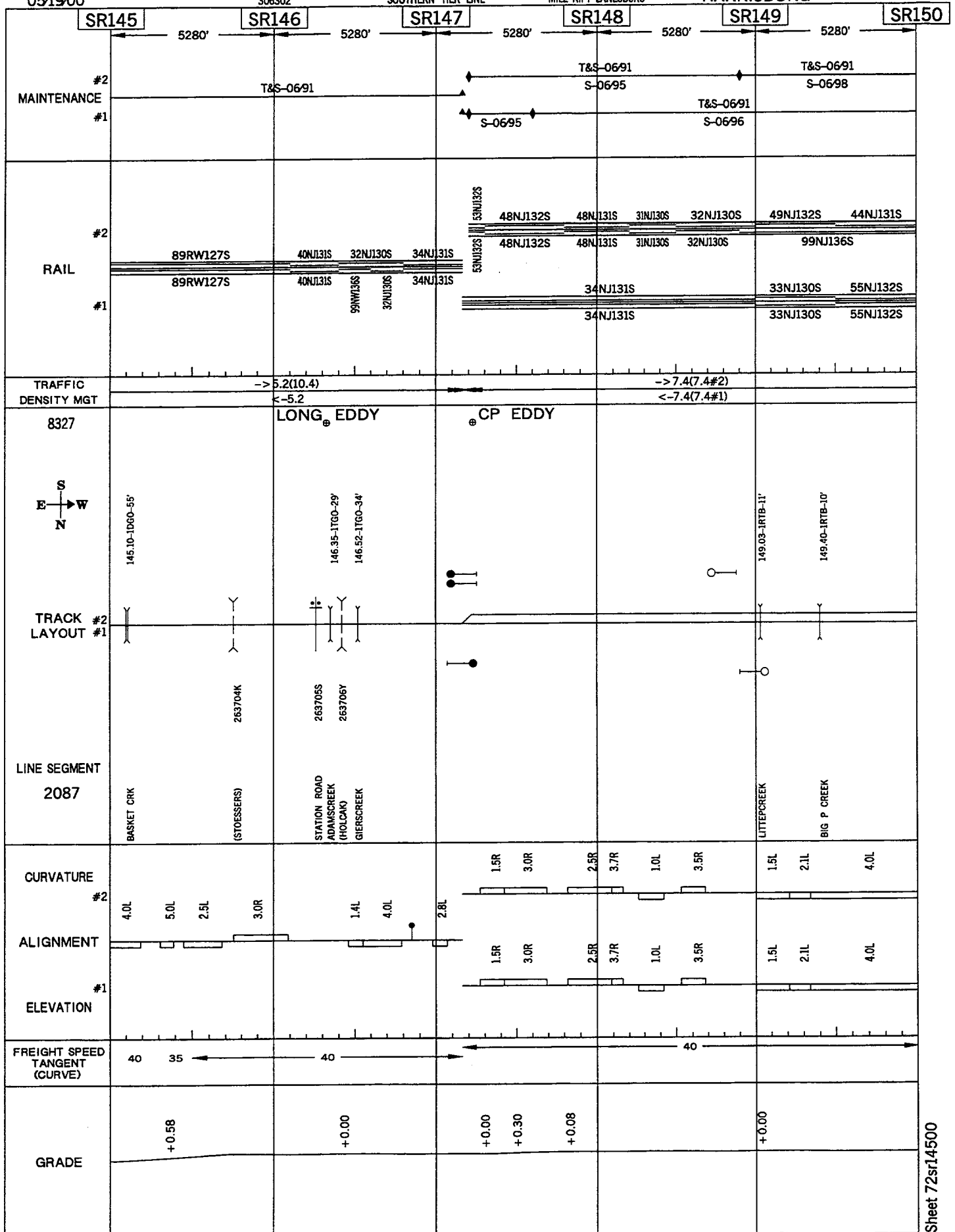
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MILL RIFT-LANESBORO

HARRISBURG



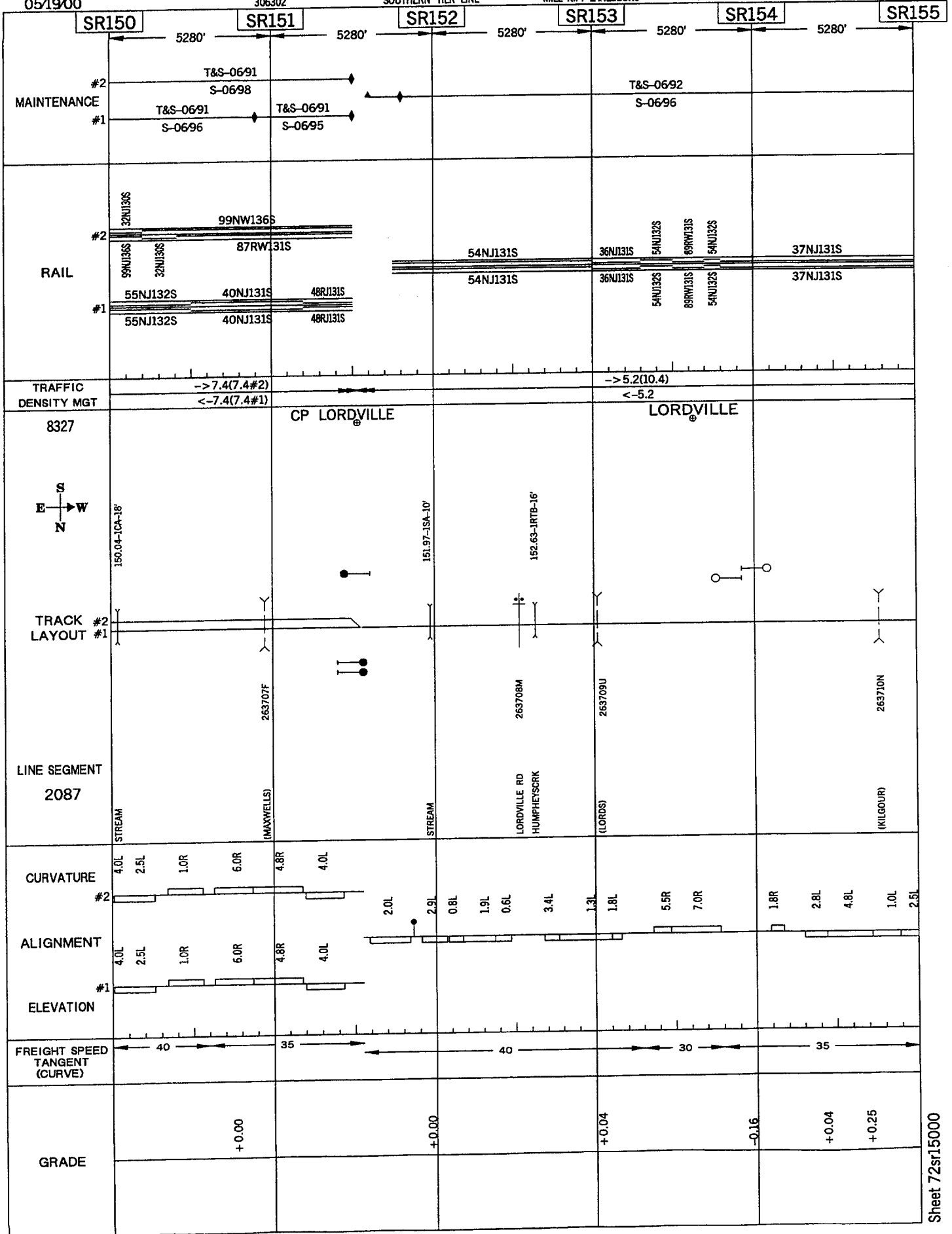
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



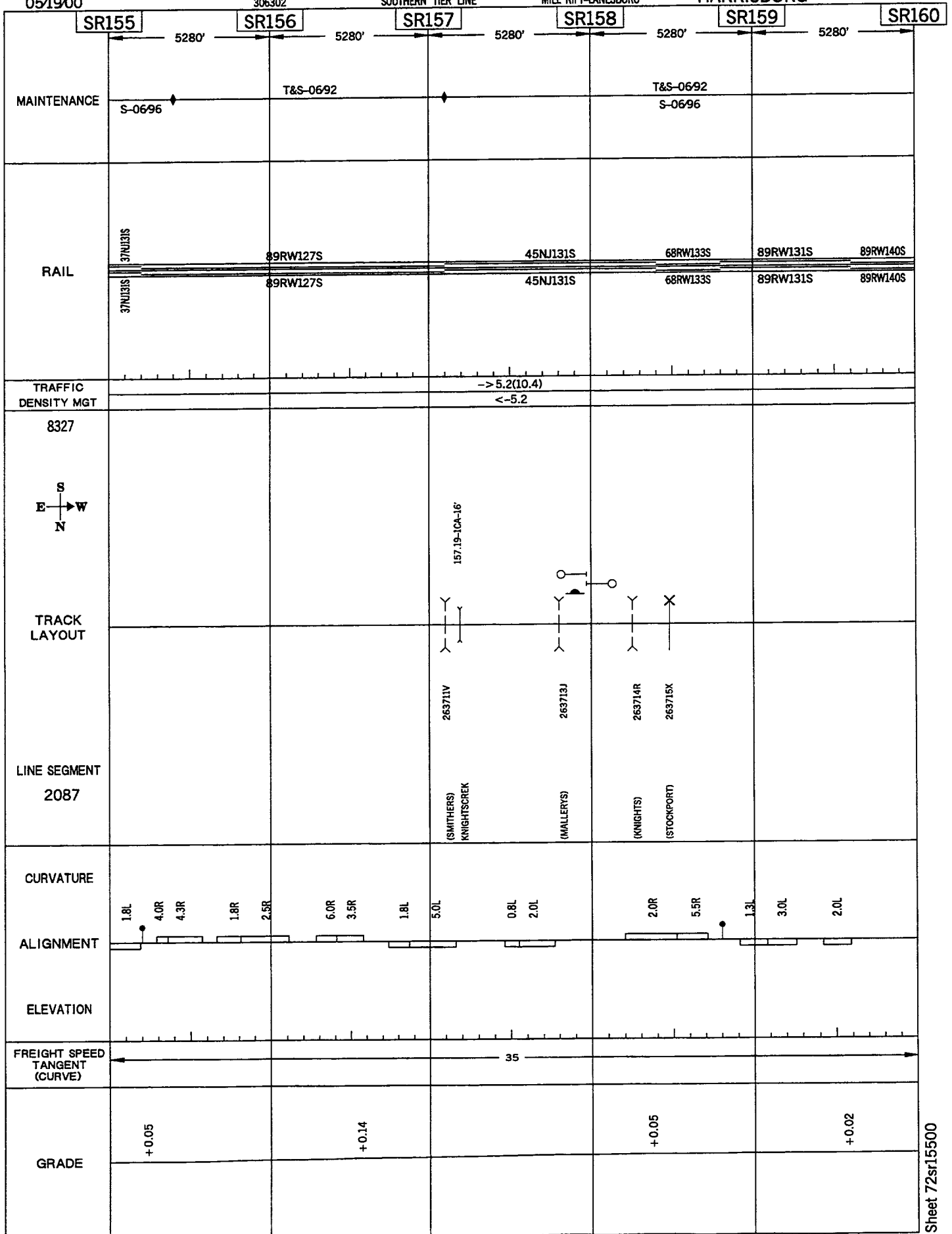
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



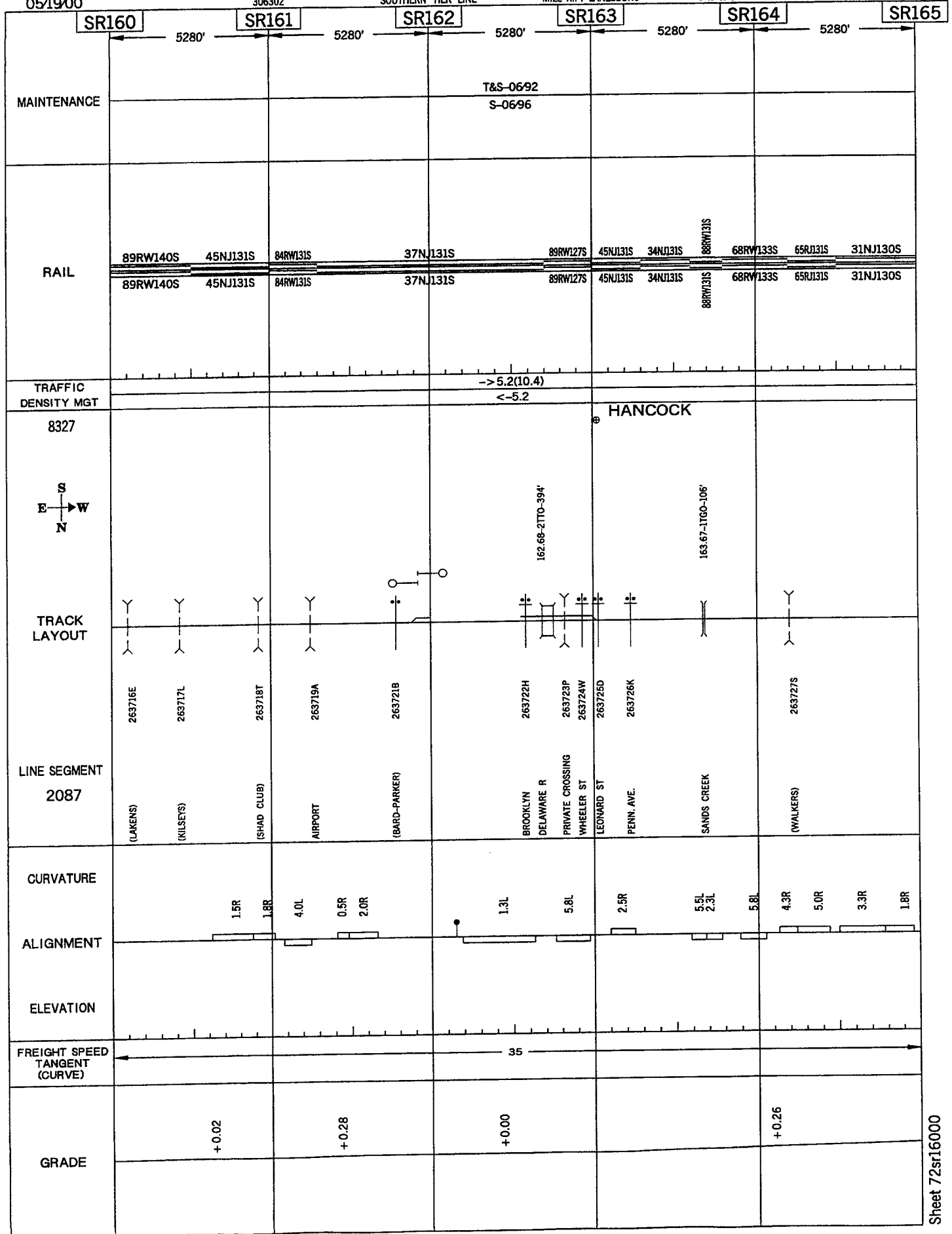
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



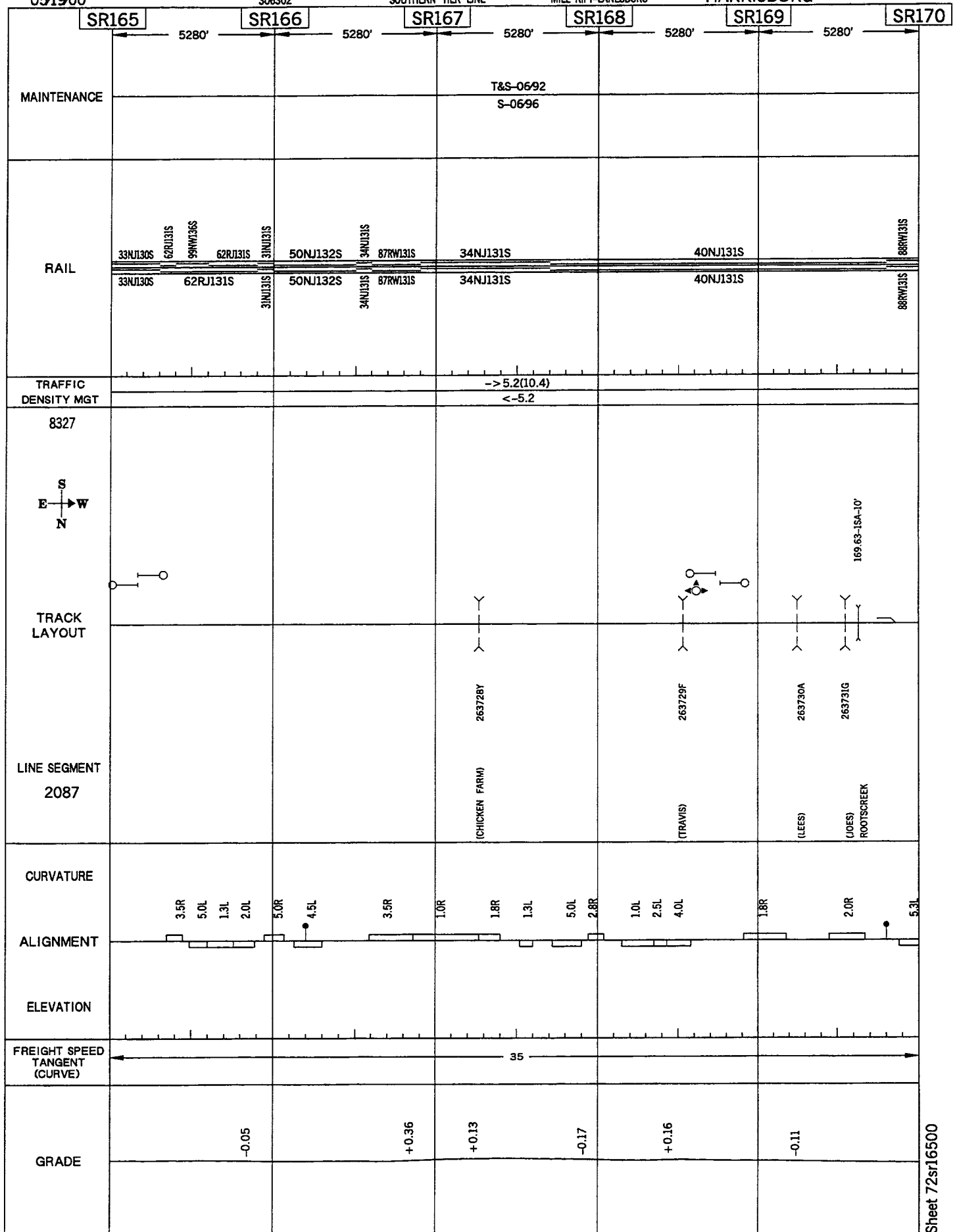
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



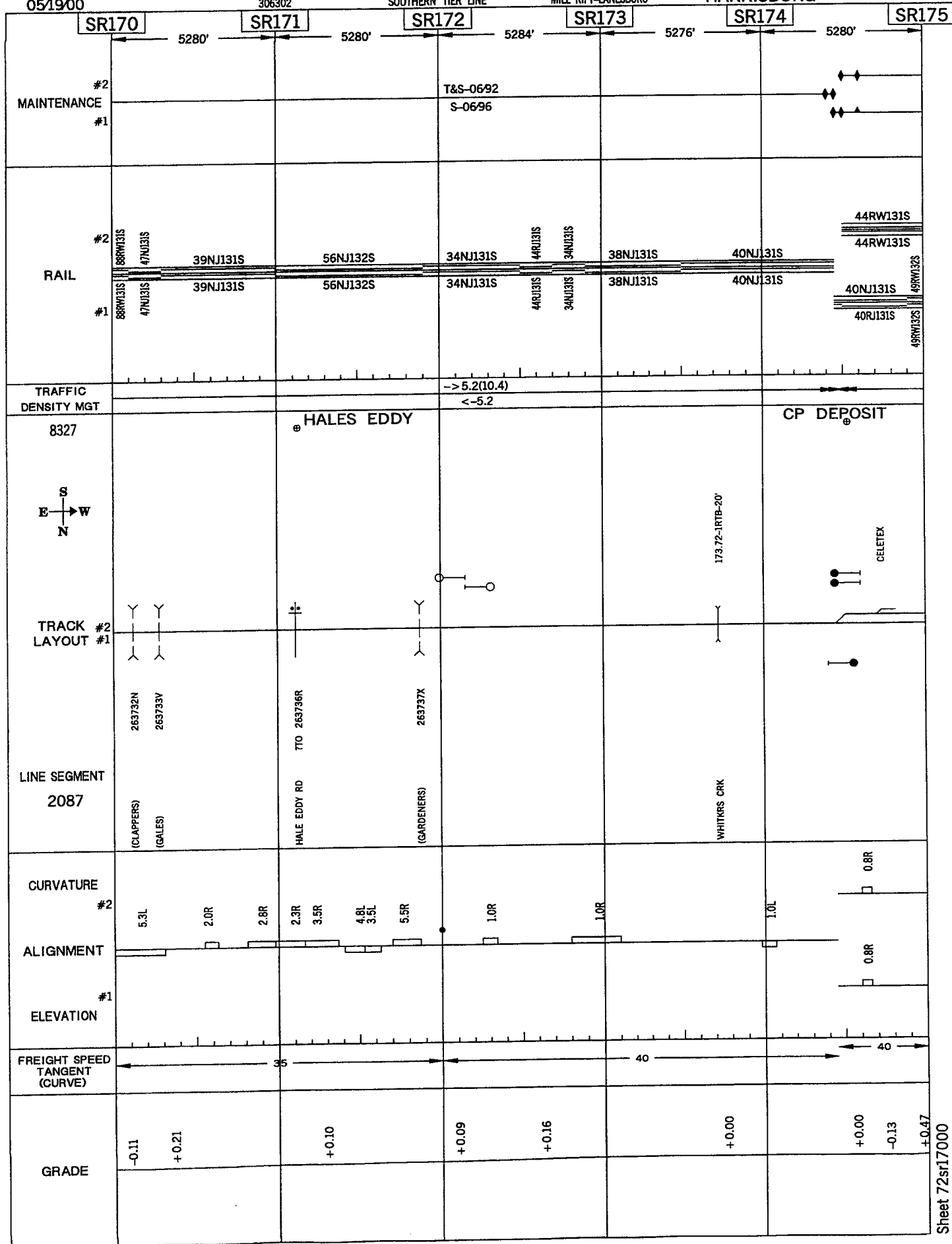
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306302

SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



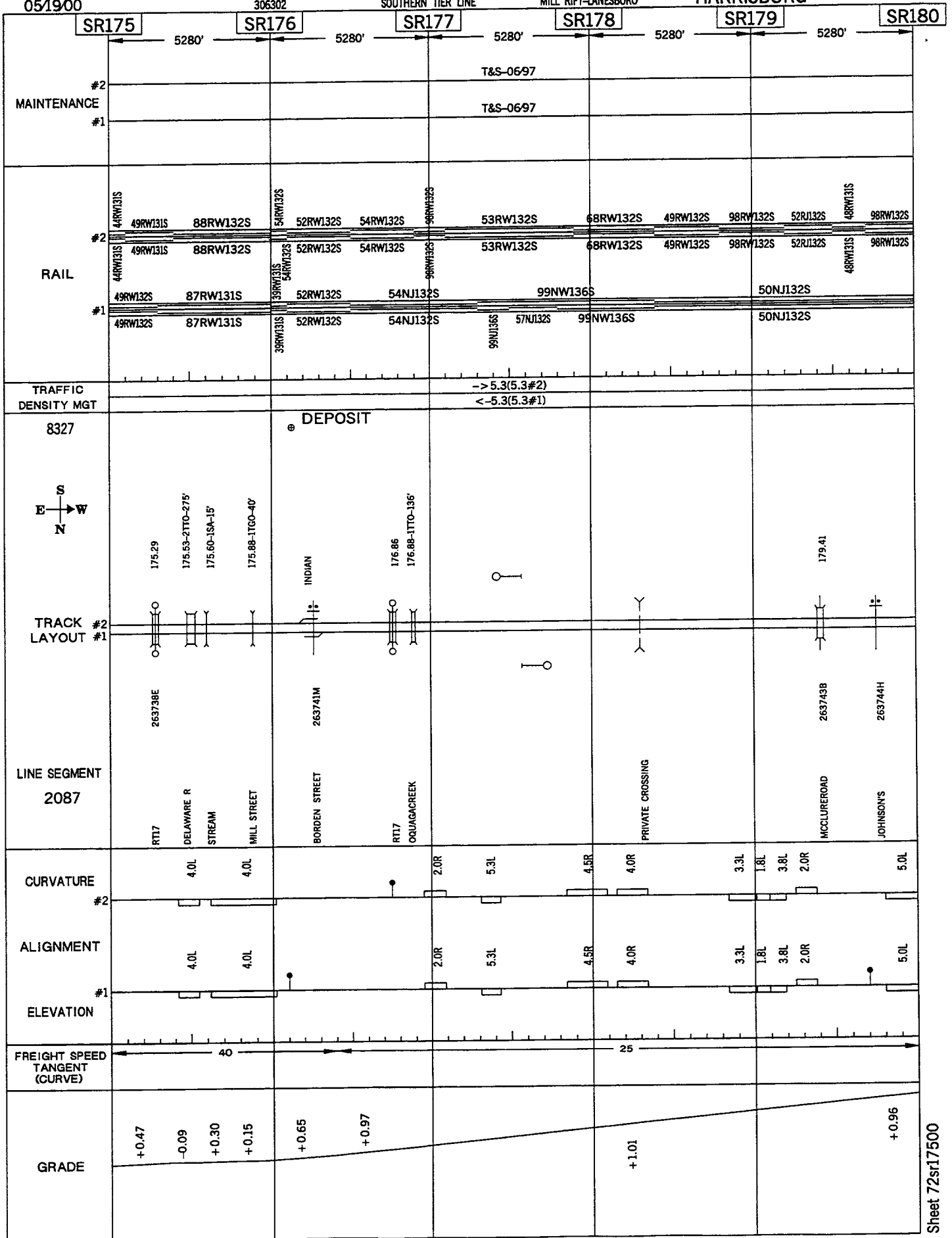
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

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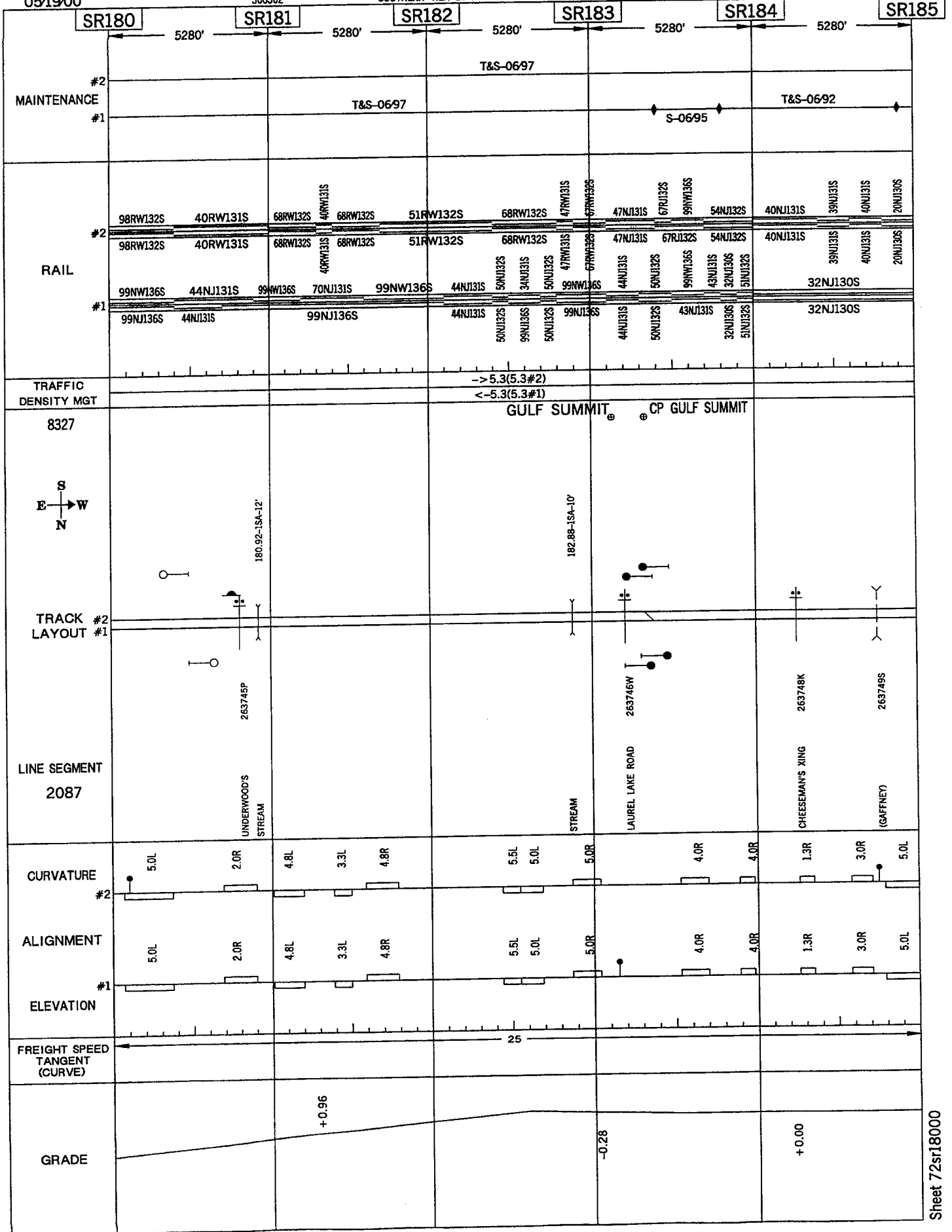
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SOUTHERN TIER LINE

MILL RIFT-LANESBORO

HARRISBURG



Sheet 72sr18500

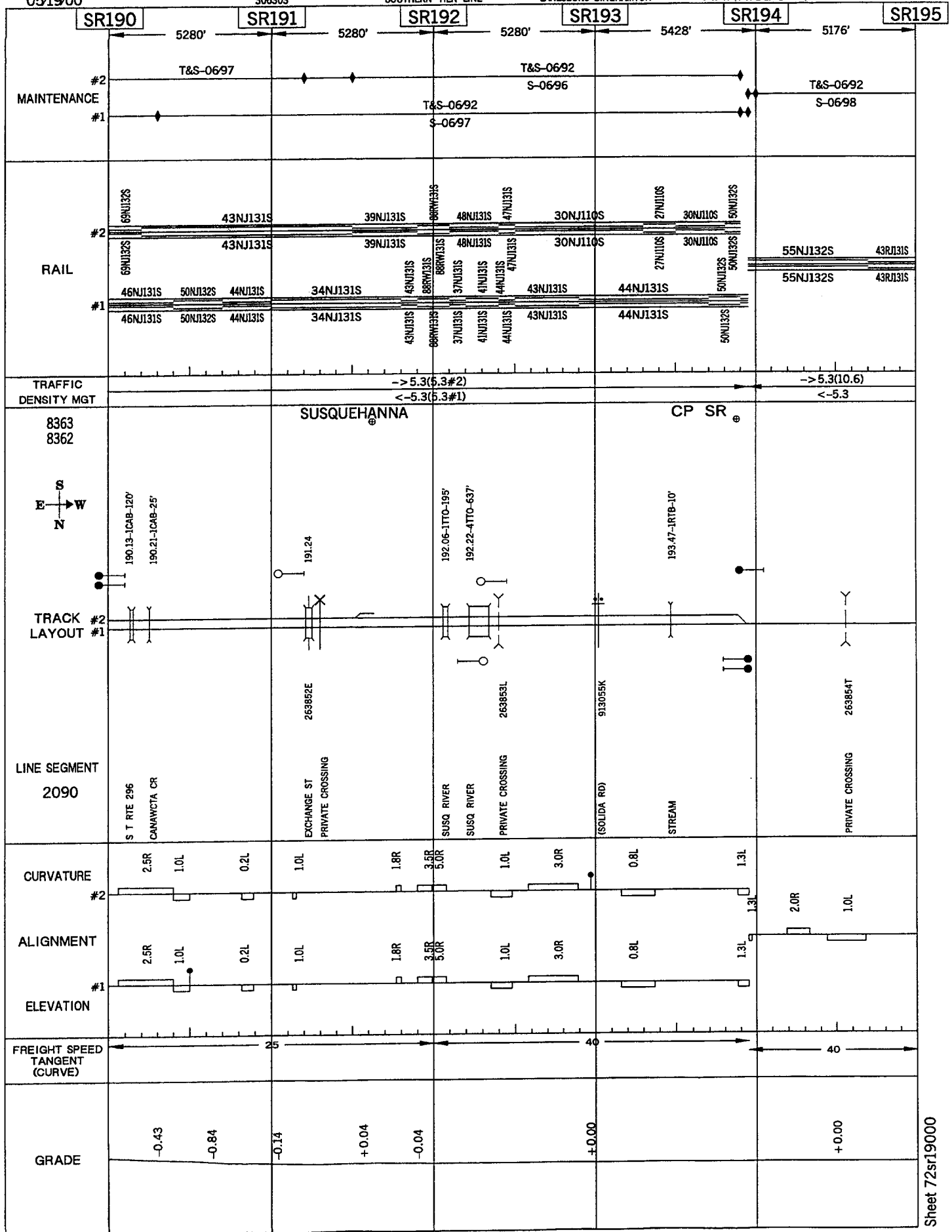
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306303

SOUTHERN TIER LINE

LANESBORO-BINGHAMTON

HARRISBURG



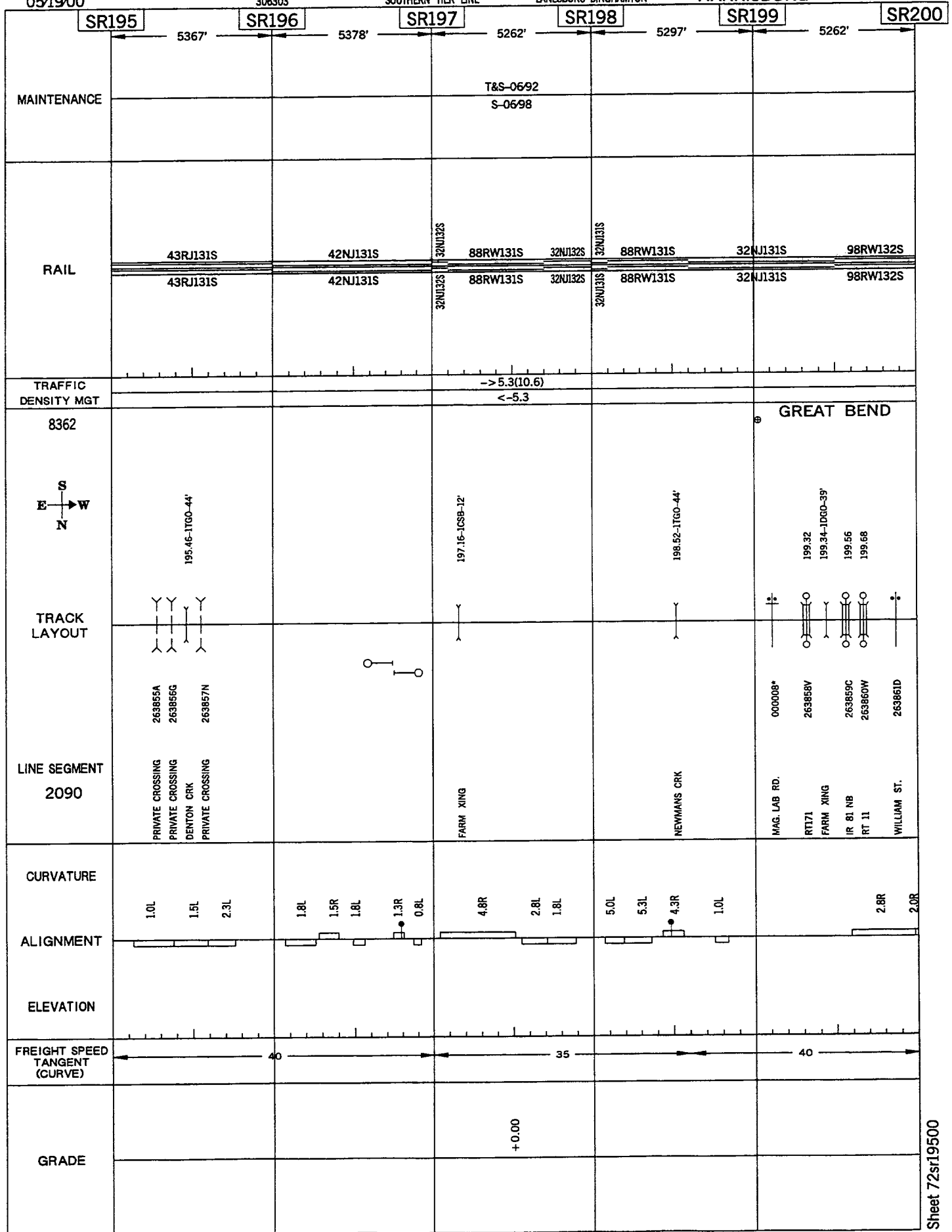
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SOUTHERN TIER LINE

LANESBORO-BINGHAMTON

HARRISBURG



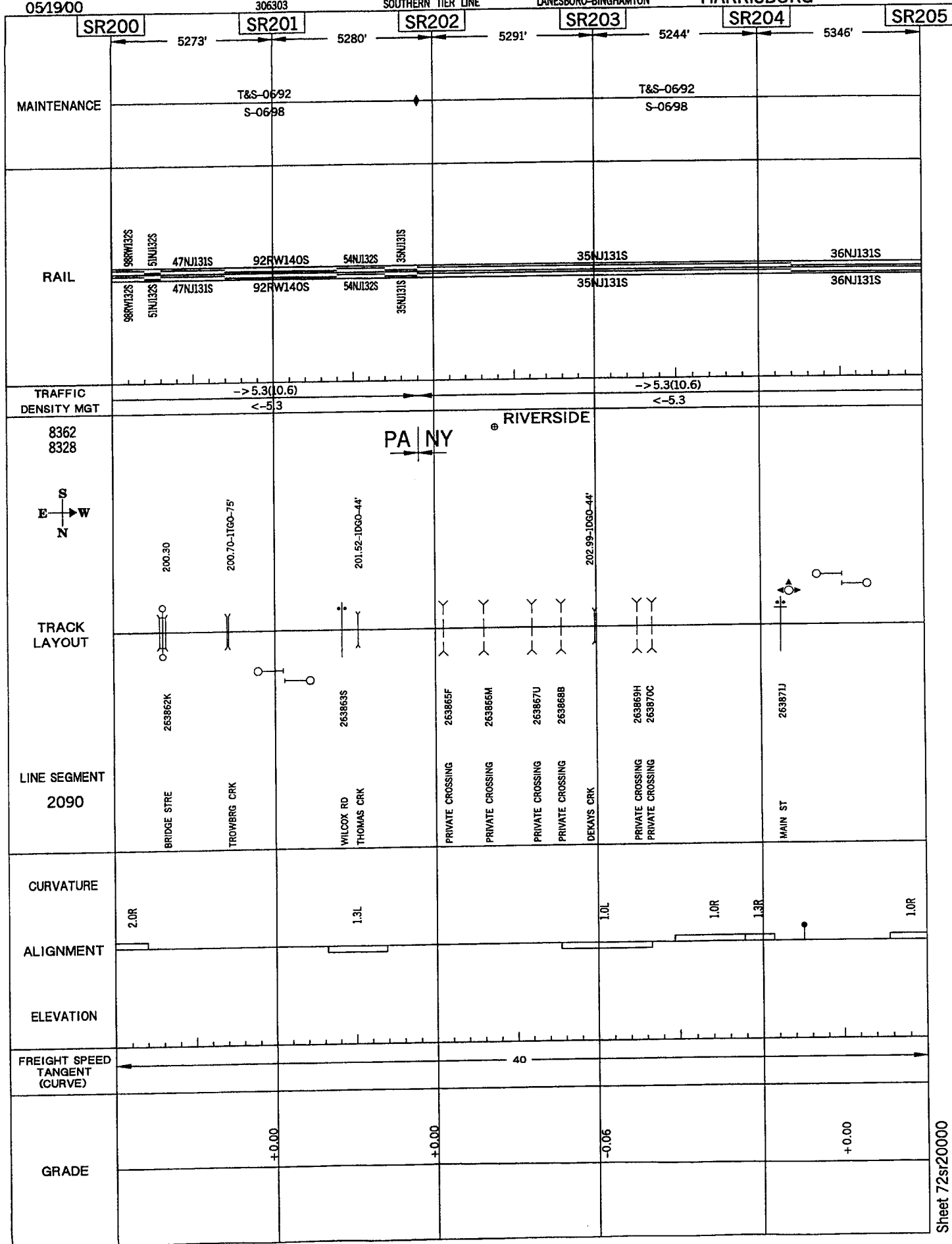
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SOUTHERN TIER LINE

LANESBORO-BINGHAMTON

HARRISBURG



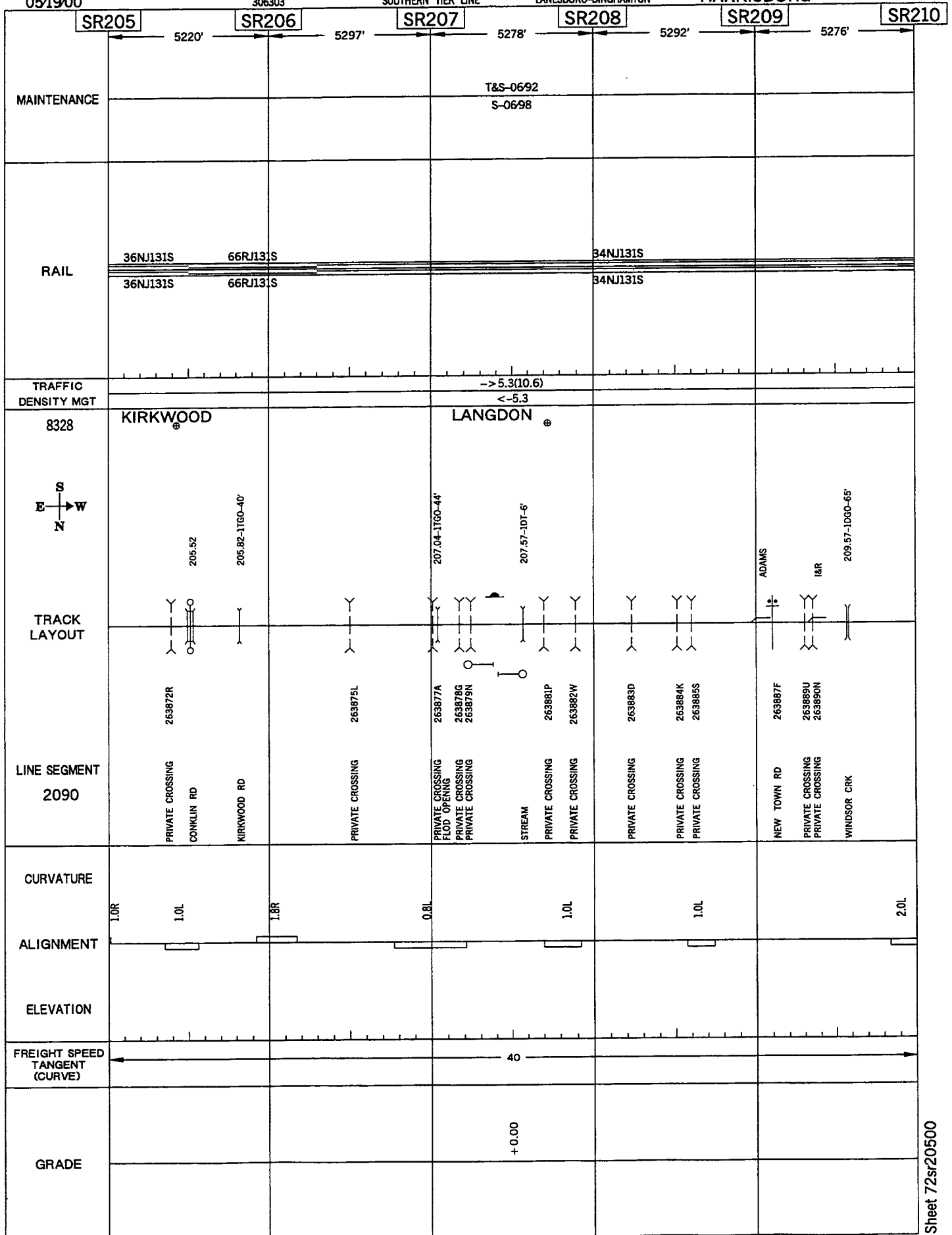
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SOUTHERN TIER LINE

LANESBORO-BINGHAMTON

HARRISBURG



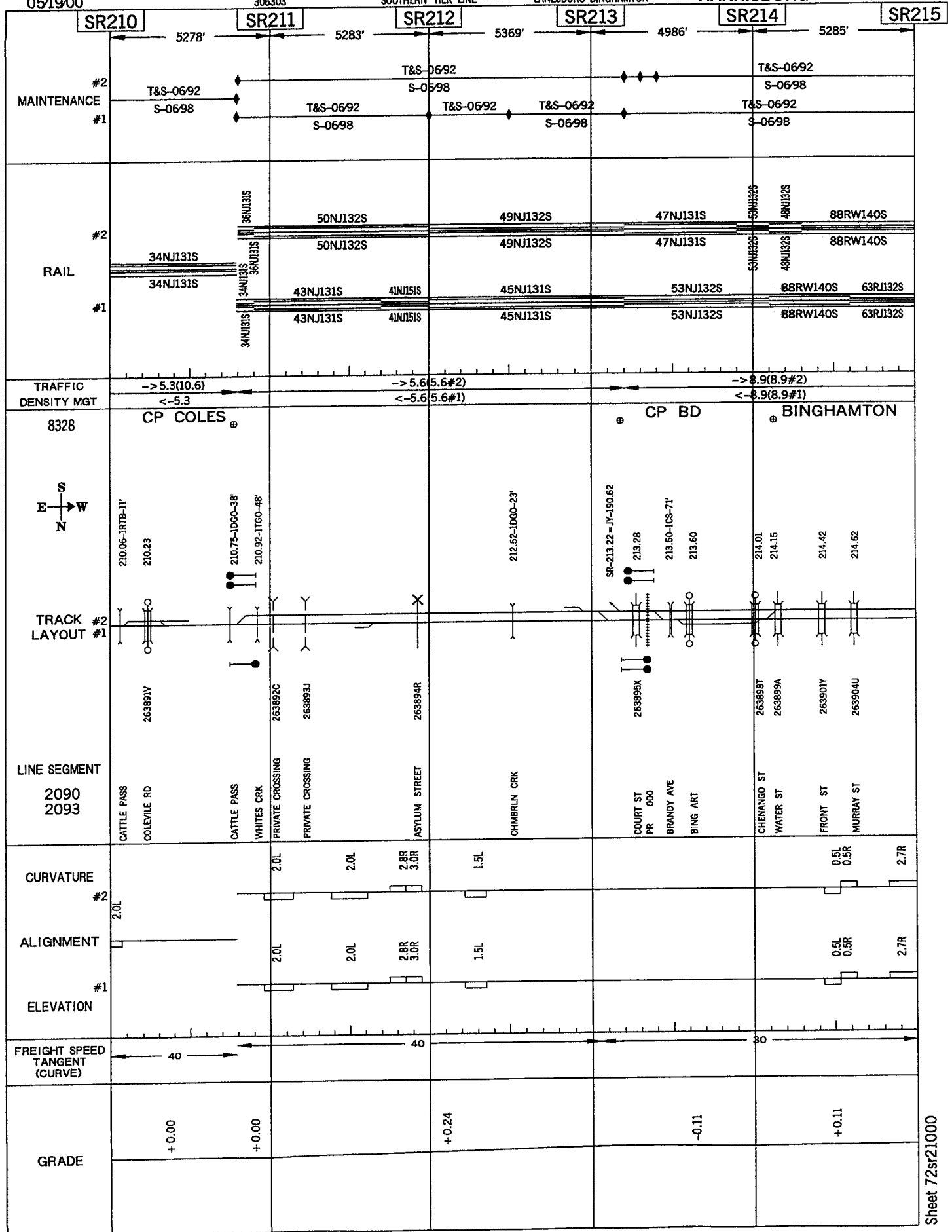
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SOUTHERN TIER LINE

LANESBORO-BINGHAMTON

HARRISBURG



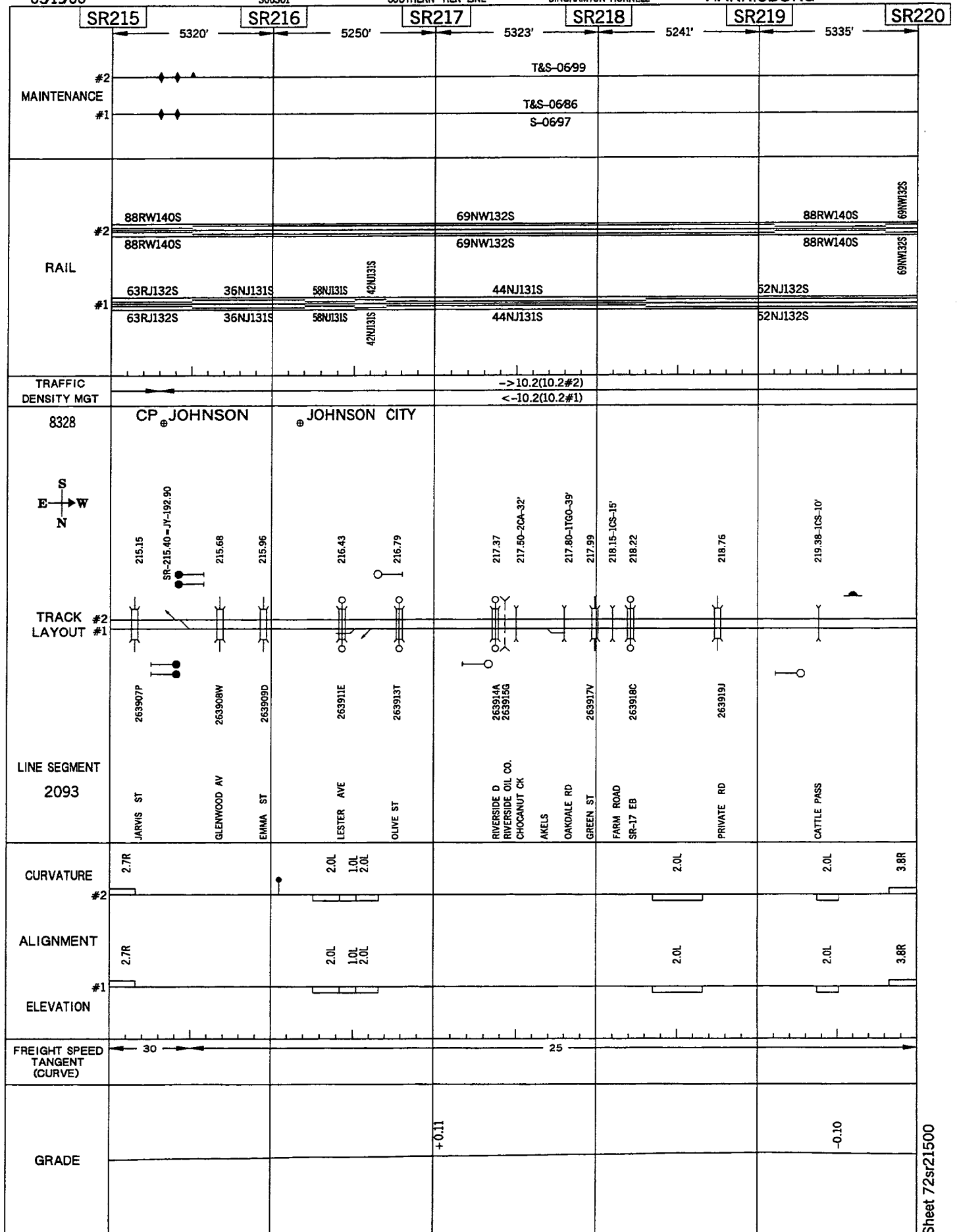
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



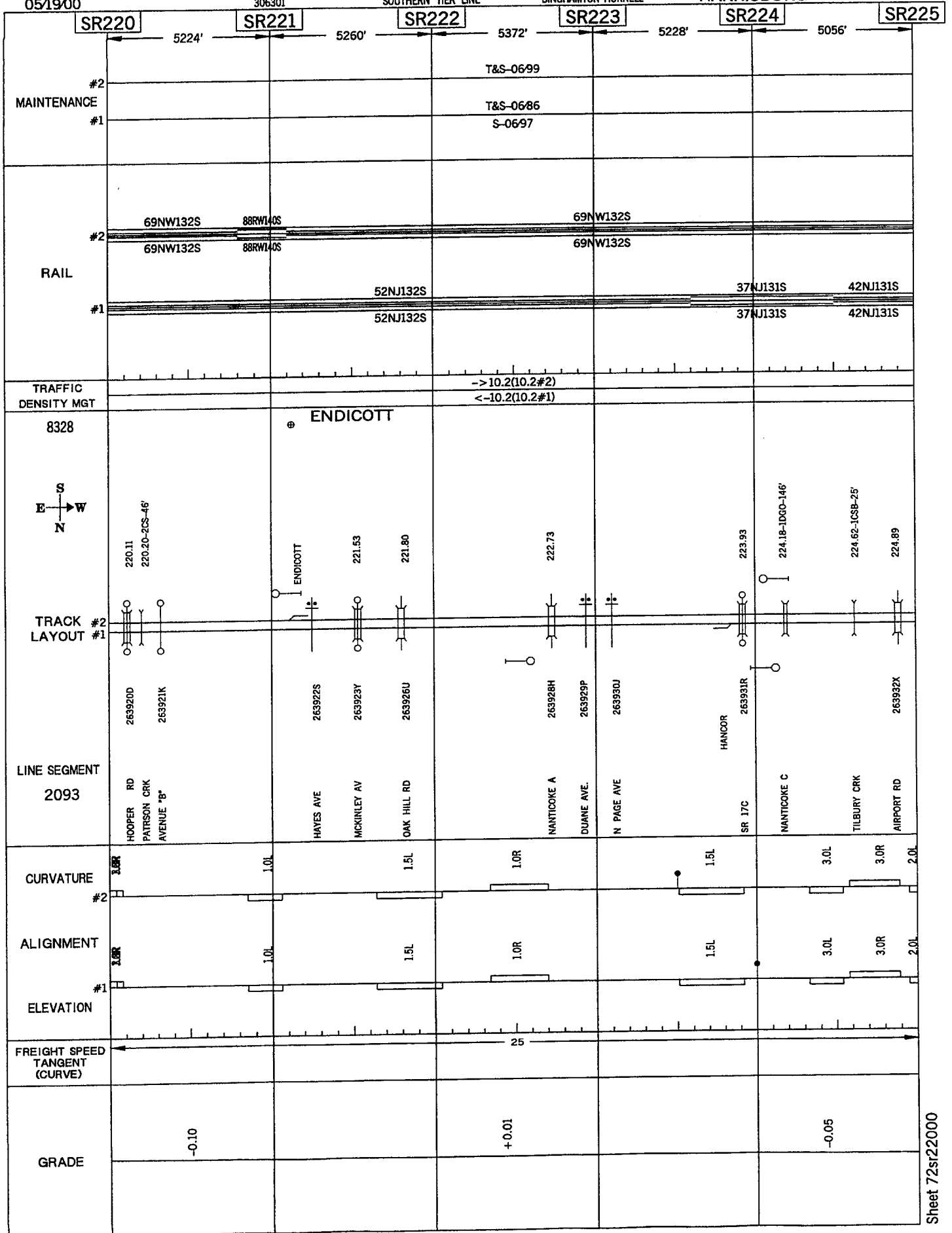
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



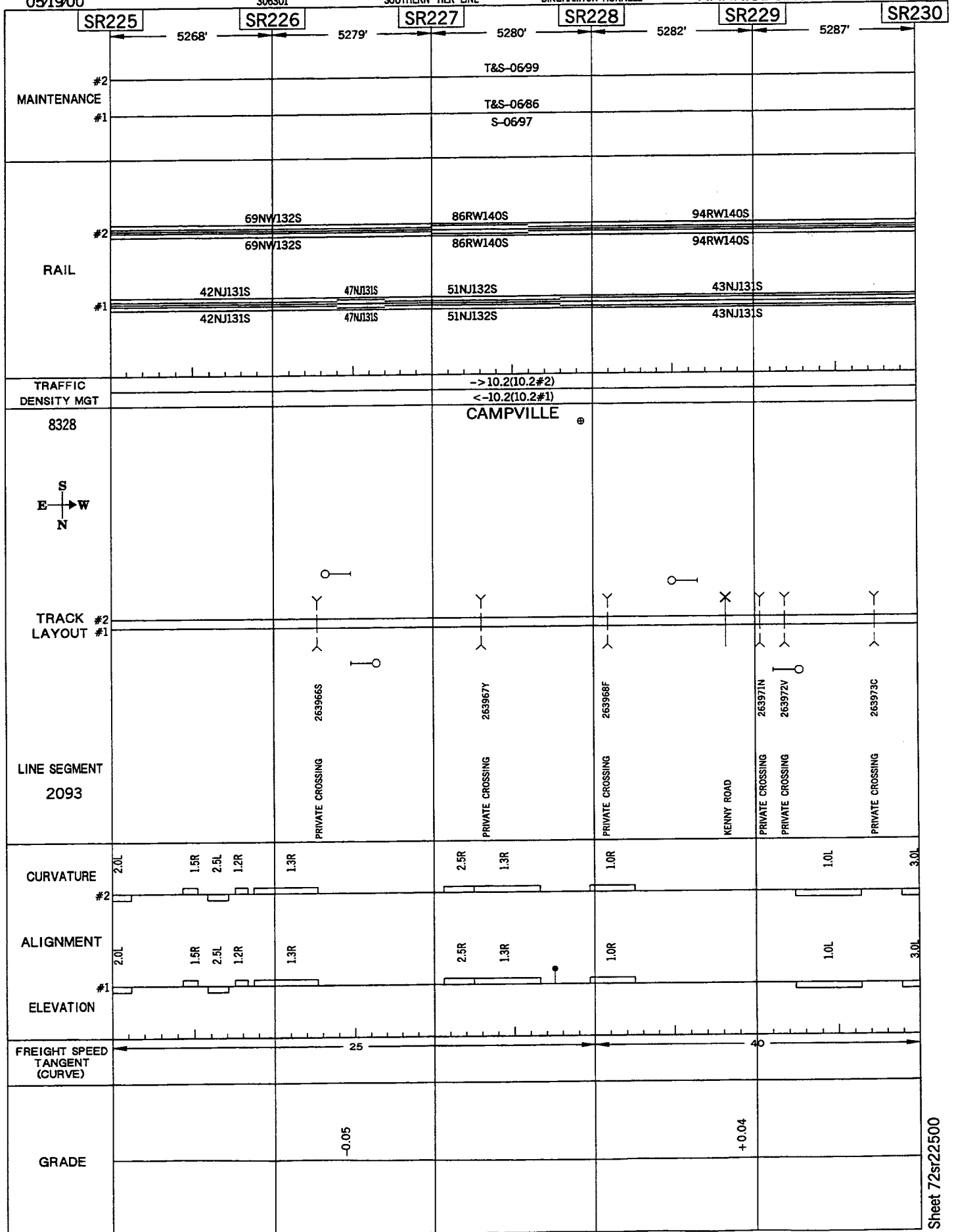
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



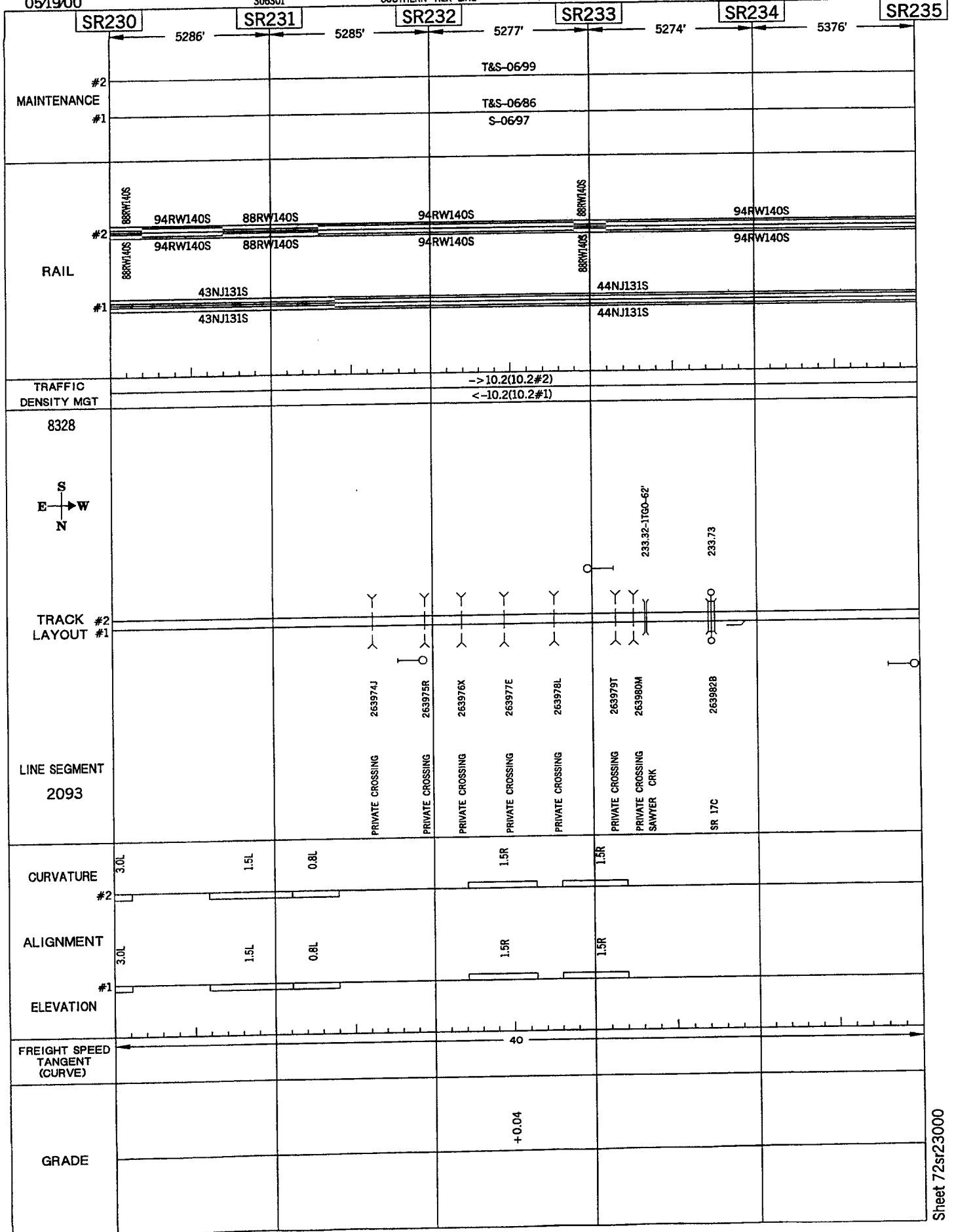
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



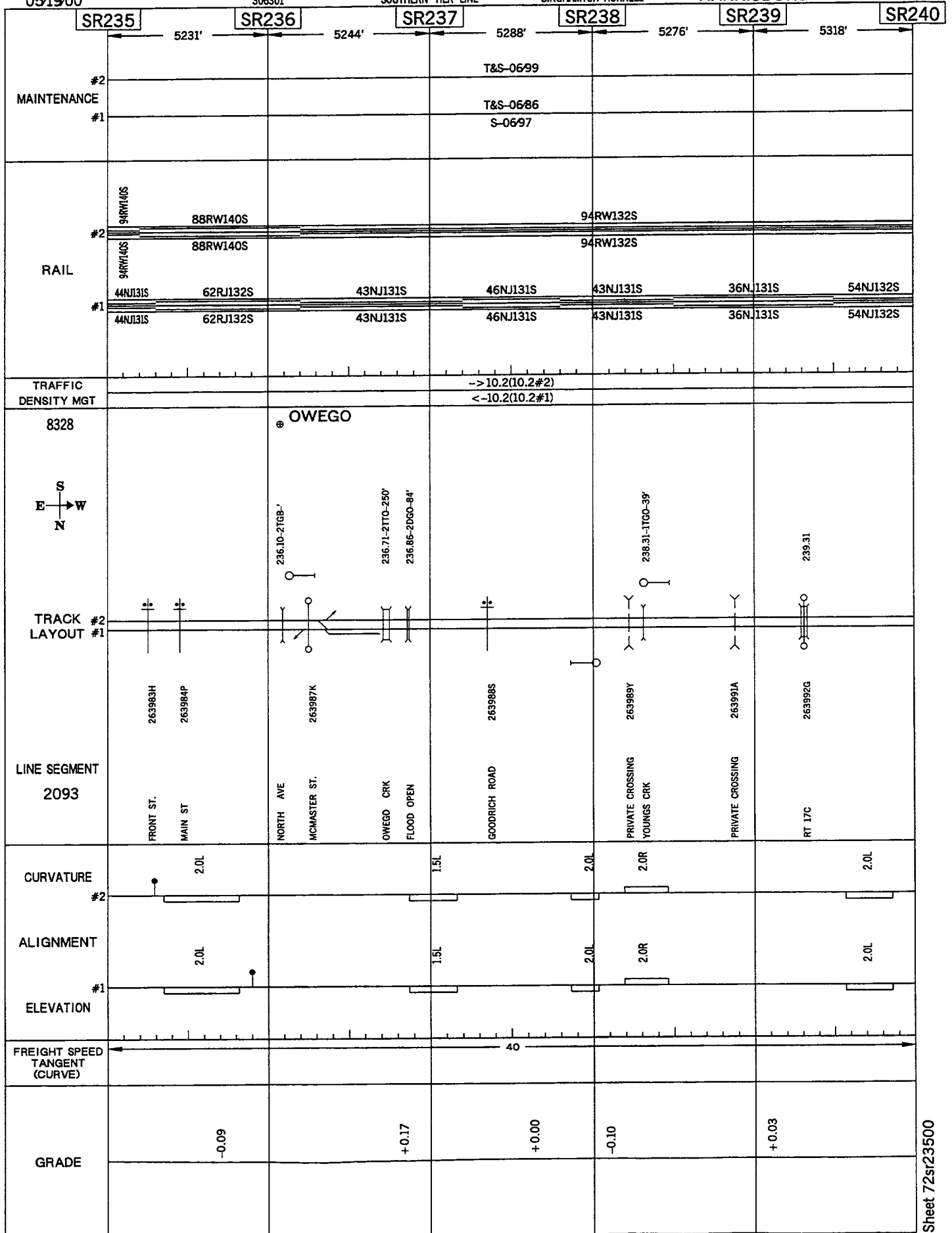
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

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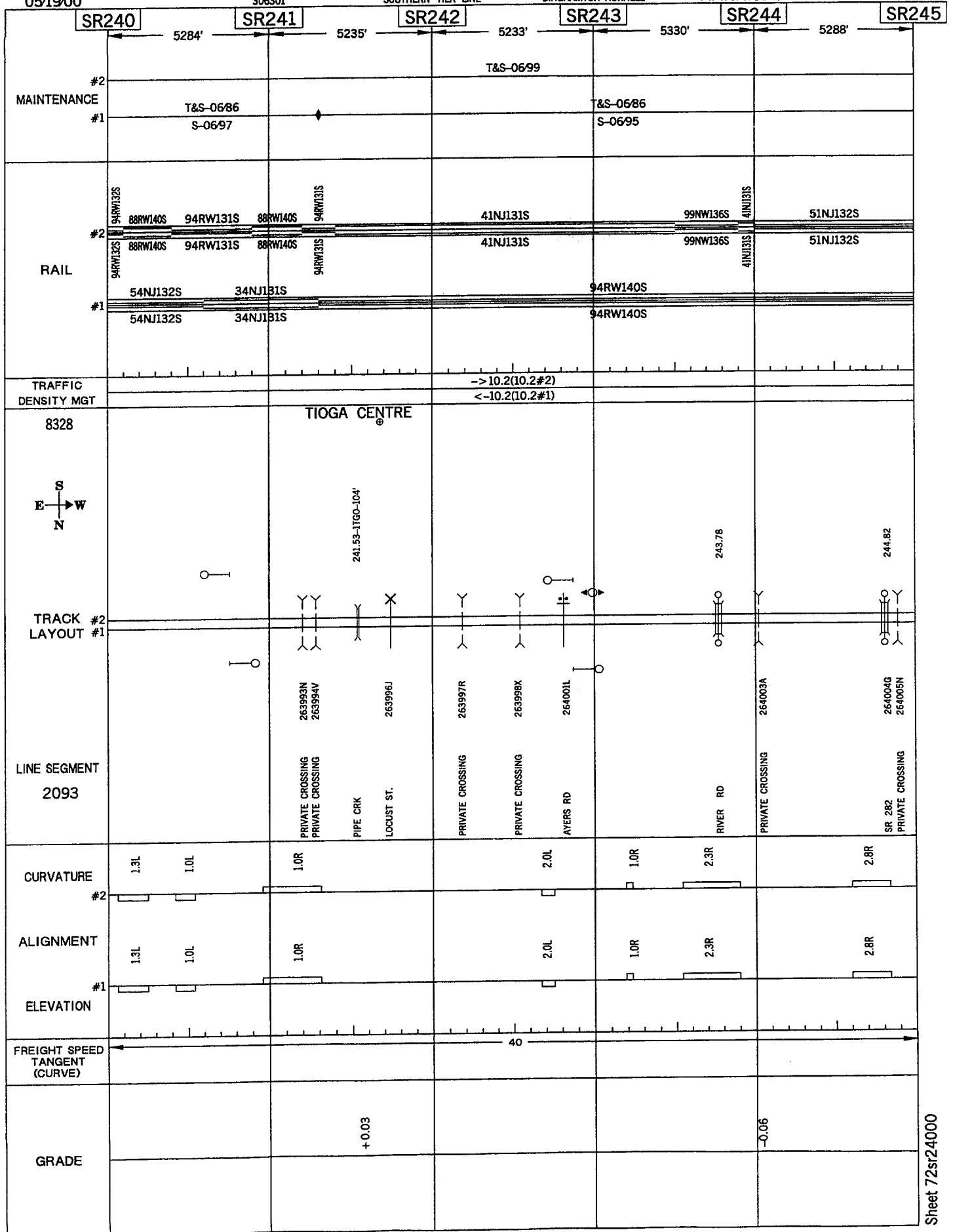
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



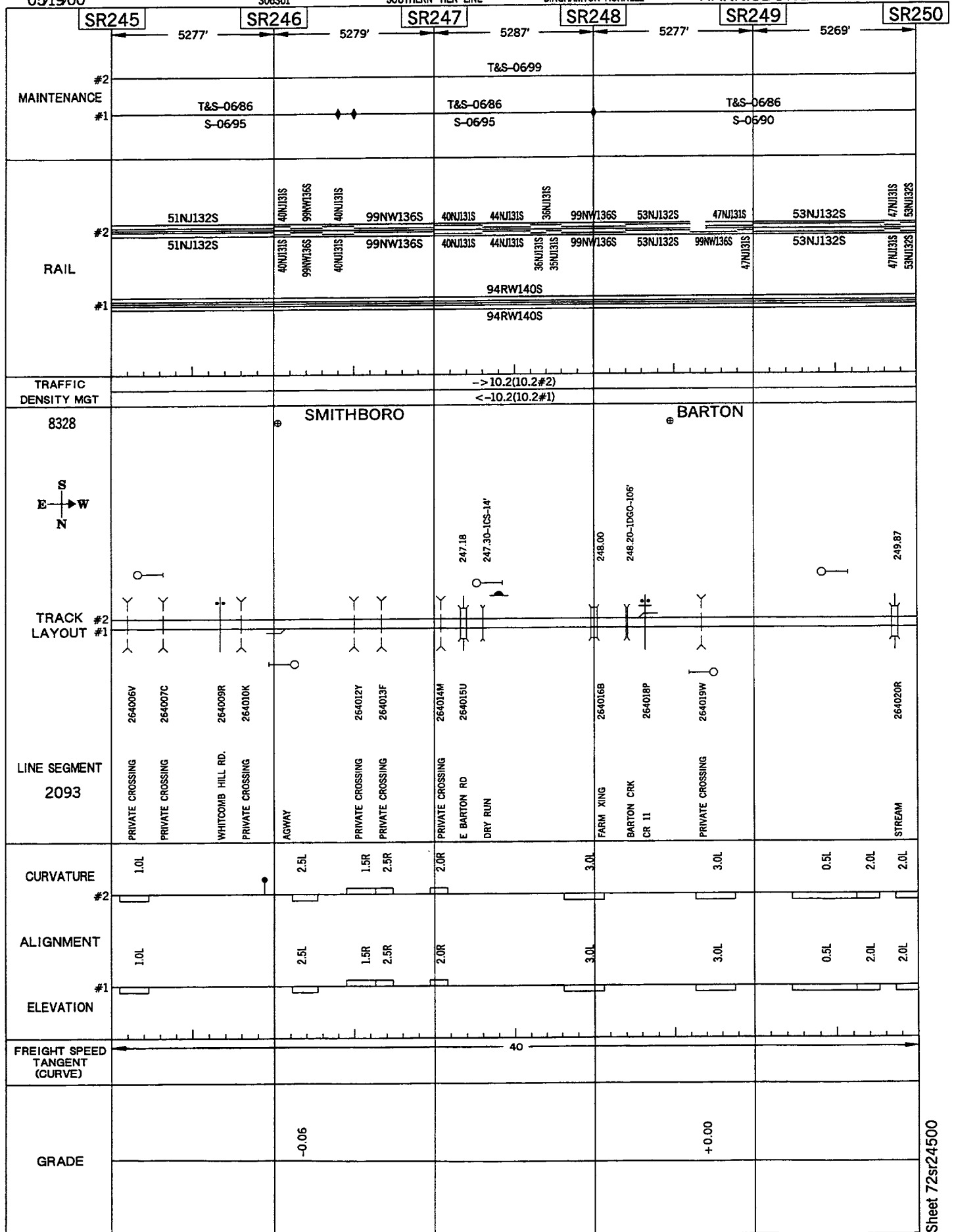
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



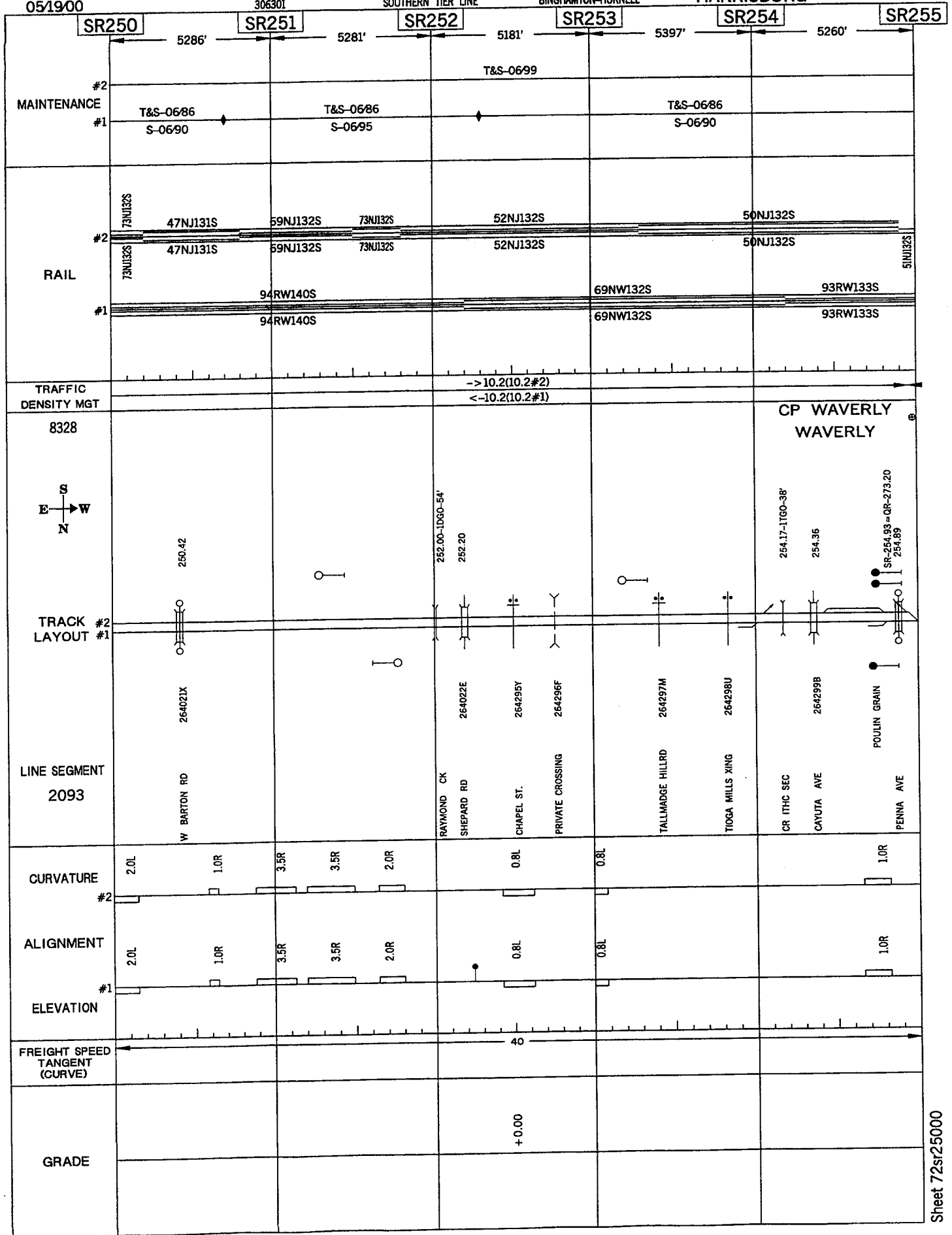
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



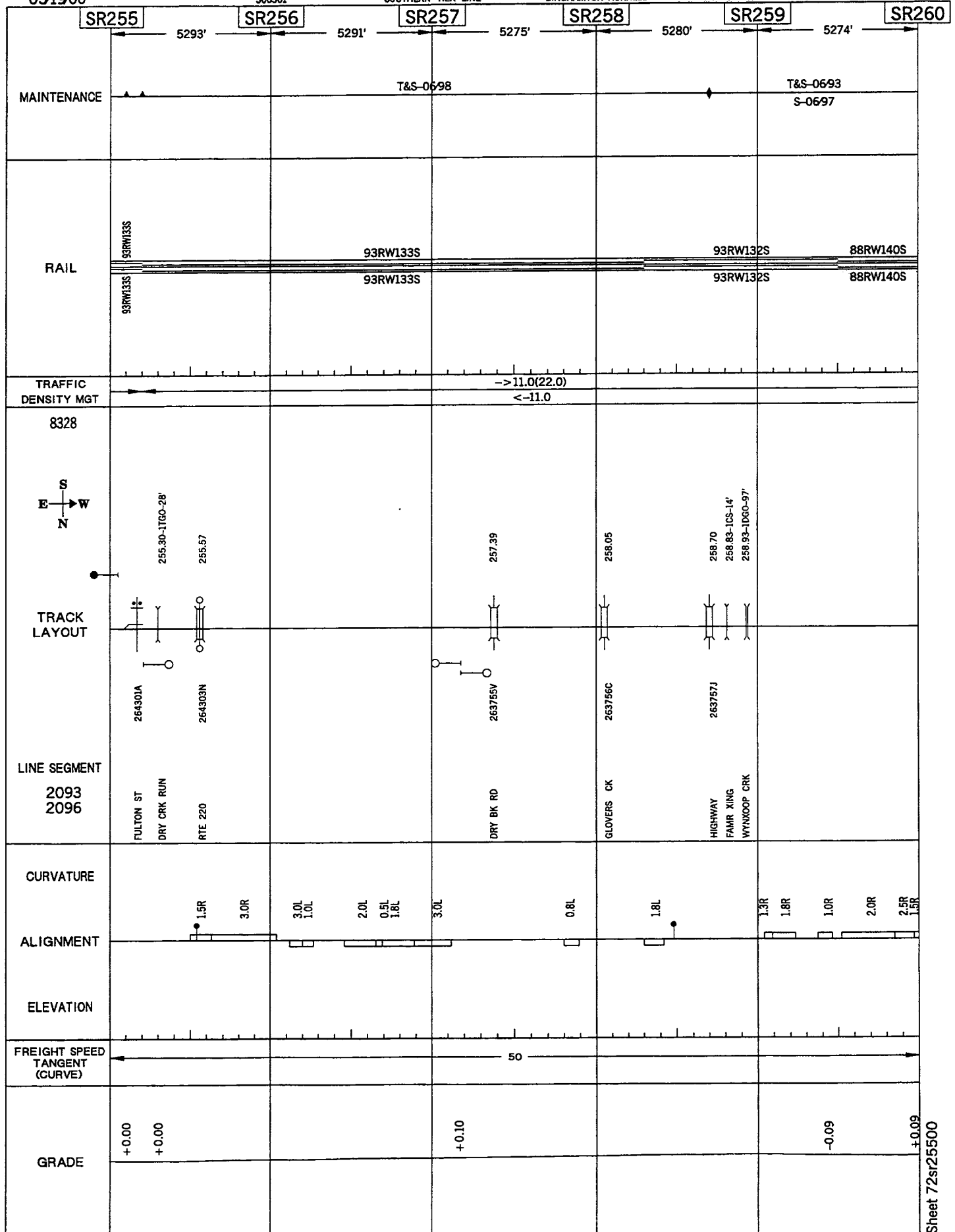
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



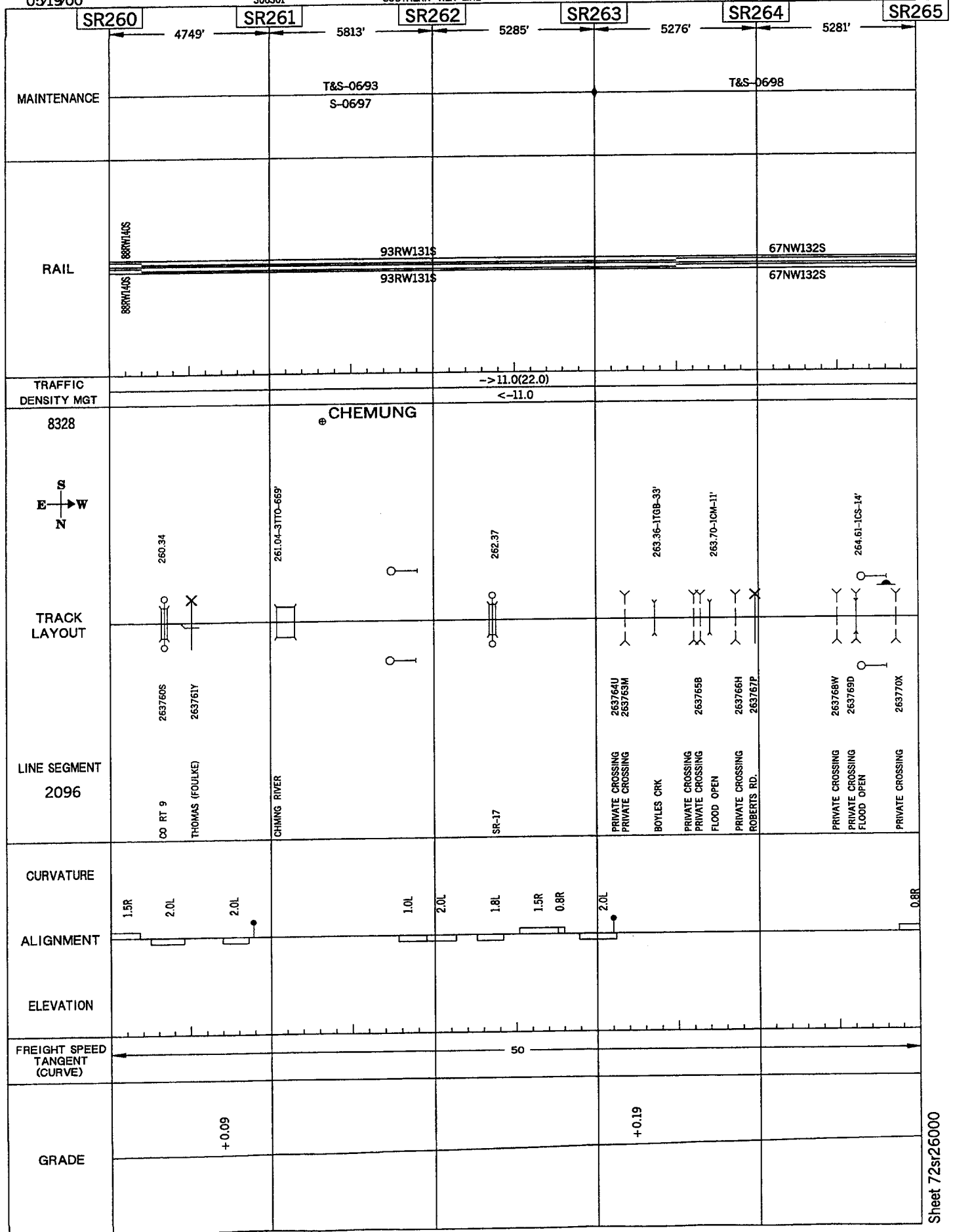
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



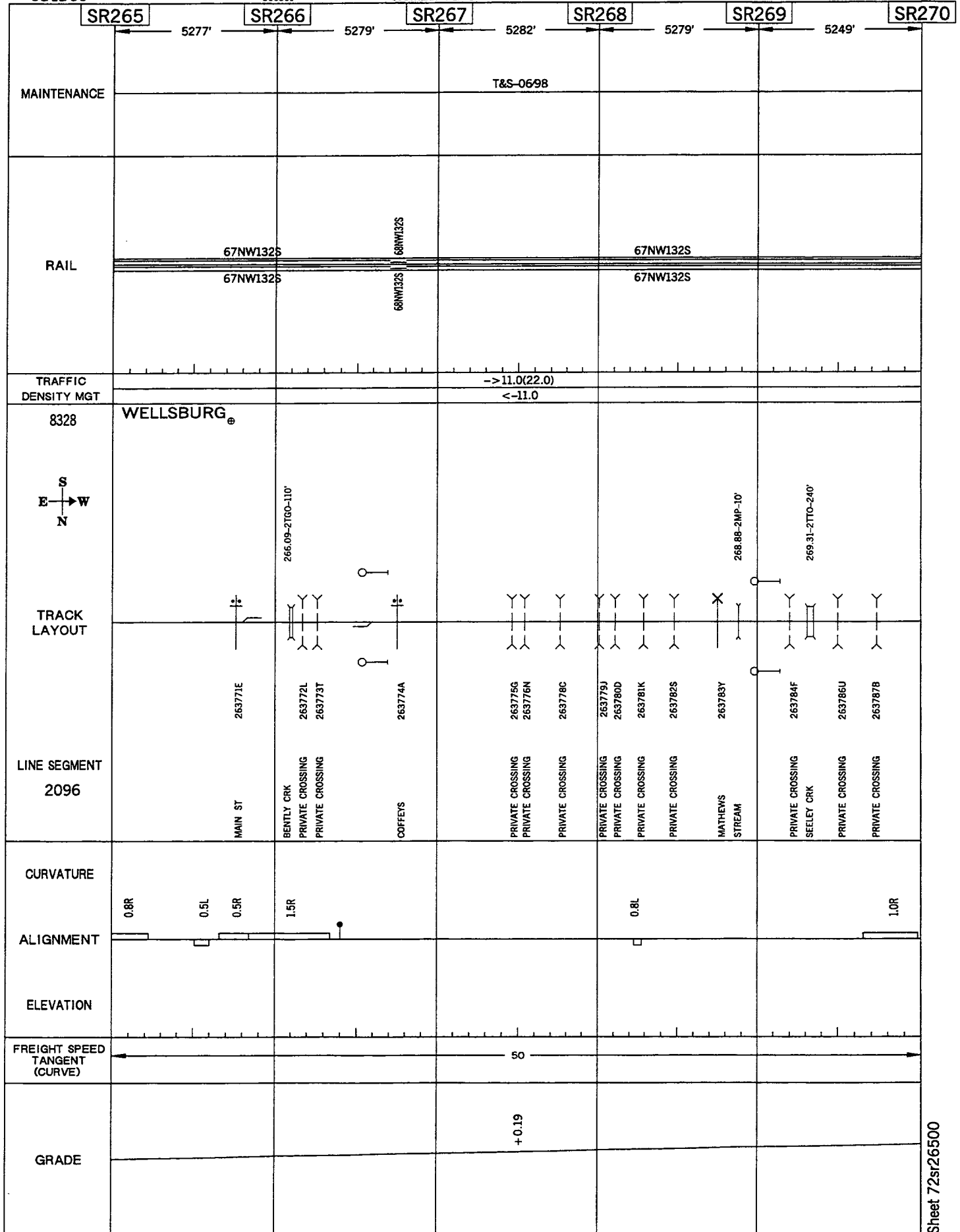
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



05/19/00

306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG

SR270

SR271

SR272

SR273

SR274

SR275

5315'

5282'

5272'

5970'

4591'

MAINTENANCE

T&S-0698

T&S-0692

S-0999

RAIL

68NW132S

67NW132S

78RW131S

68NW132S

67NW132S

78RW131S

TRAFFIC
DENSITY MGT

-> 11.0(22.0)

<- 11.0

-> 11.0(22.0)

<- 11.0

-> 11.1(22.2)

<- 11.1

8328



SECOND ST.

CP ELMIRA

TRACK
LAYOUT

263788H

270.91-1DT-12'

271.41

271.53-1CS-42'

271.90

272.07

272.20-1DSO-45'

272.36

272.51

272.67

272.80-1CB-10'

272.99-1TGB-37'

273.00-2CB-18'

273.24

273.52-1BSO-13'

273.99-2DGO-24'

274.32

274.75-1DGB-71'

LINE SEGMENT
2096

CEDAR ST.

ARNOTS CRK

MILLER ST

HOME STREET

SOUTH AVE

PENNA AVE

HUDSON ST

CHEMUNG R

WATER ST

FIRST ST

SECOND ST

STATE ST.

SUBWAY ST

FIFTH ST

STATE STREET

STREAM

WINNER ST

STONE PIT

ELMIRA YARD

WOODLAWN AV

WESTSIDE AV

MCCANNIS BVD

CURVATURE

0.5R

0.4L

0.5R

0.5R

1.0L

1.0R

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

50

30

40

GRADE

+0.19

+0.00

+0.45

+0.00

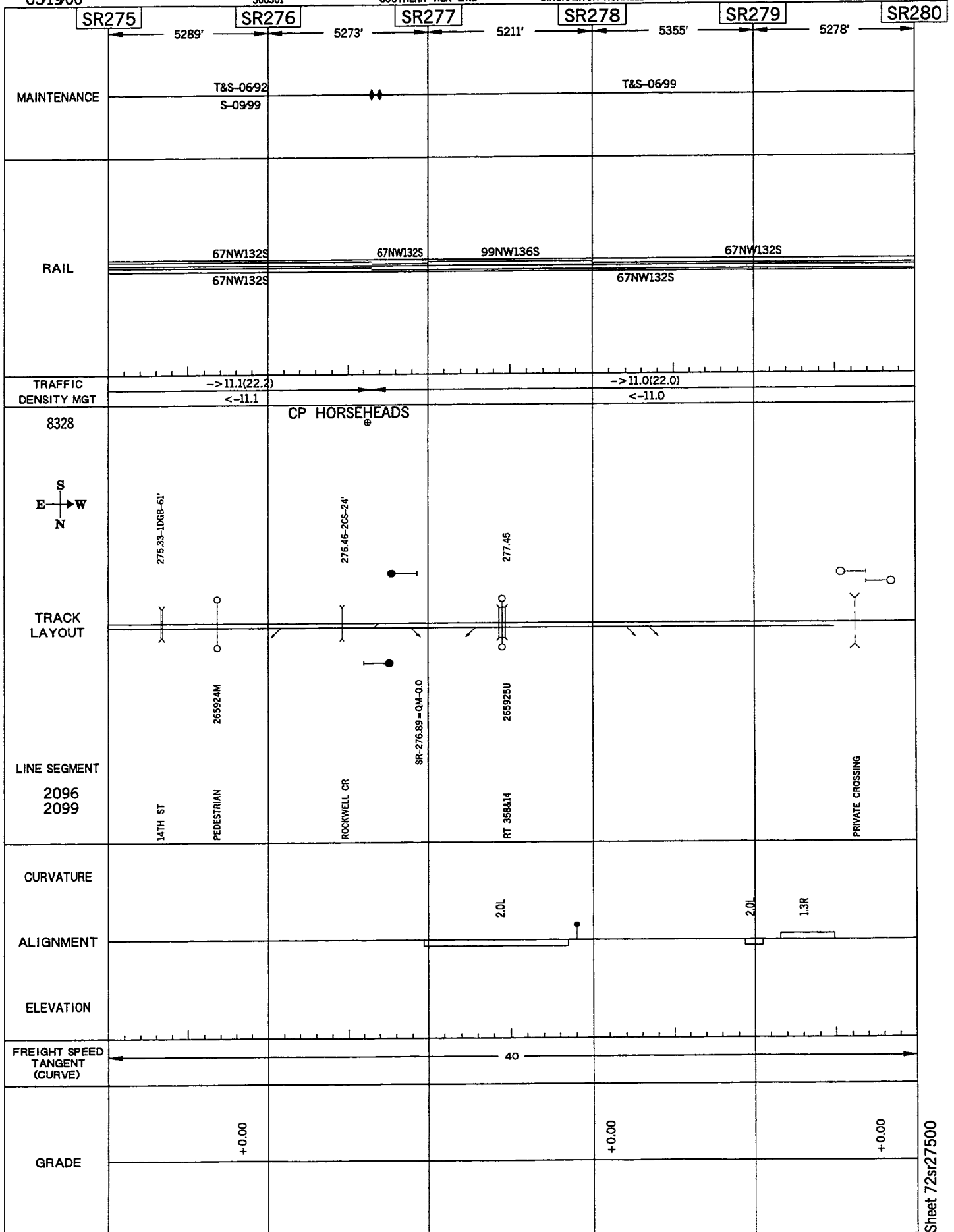
051900

306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



051900

306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG

SR280

SR281

SR282

SR283

SR284

SR285

5296'

5265'

5292'

5282'

5276'

MAINTENANCE

T&S-0699

RAIL

67NW132S

67NW132S

TRAFFIC
DENSITY MGT-> 11.0(22.0)
<- 11.0

8328



BIG FLATS

TRACK
LAYOUT

280.25

281.10-1TGO-65'

281.50

282.33-1DGO-35'

282.83-1TGO-53'

283.11

283.43

284.17

LINE SEGMENT
2099

265926B

265945F

265947U

265949H

265950C

265951J

265952R

265953X

265954E

265955L

BIG FLATS R

SINGSING CK

KAHLER RD

BIG FLATS CK

HAMMOND ST.

CANAL ST

OLCOTT RD

FARM XING

PRIVATE CROSSING

PRIVATE CROSSING

PRIVATE CROSSING

PRIVATE CROSSING

PRIVATE CROSSING

CURVATURE

3.0L

1.0R

1.0L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

40

GRADE

+0.00

+0.13

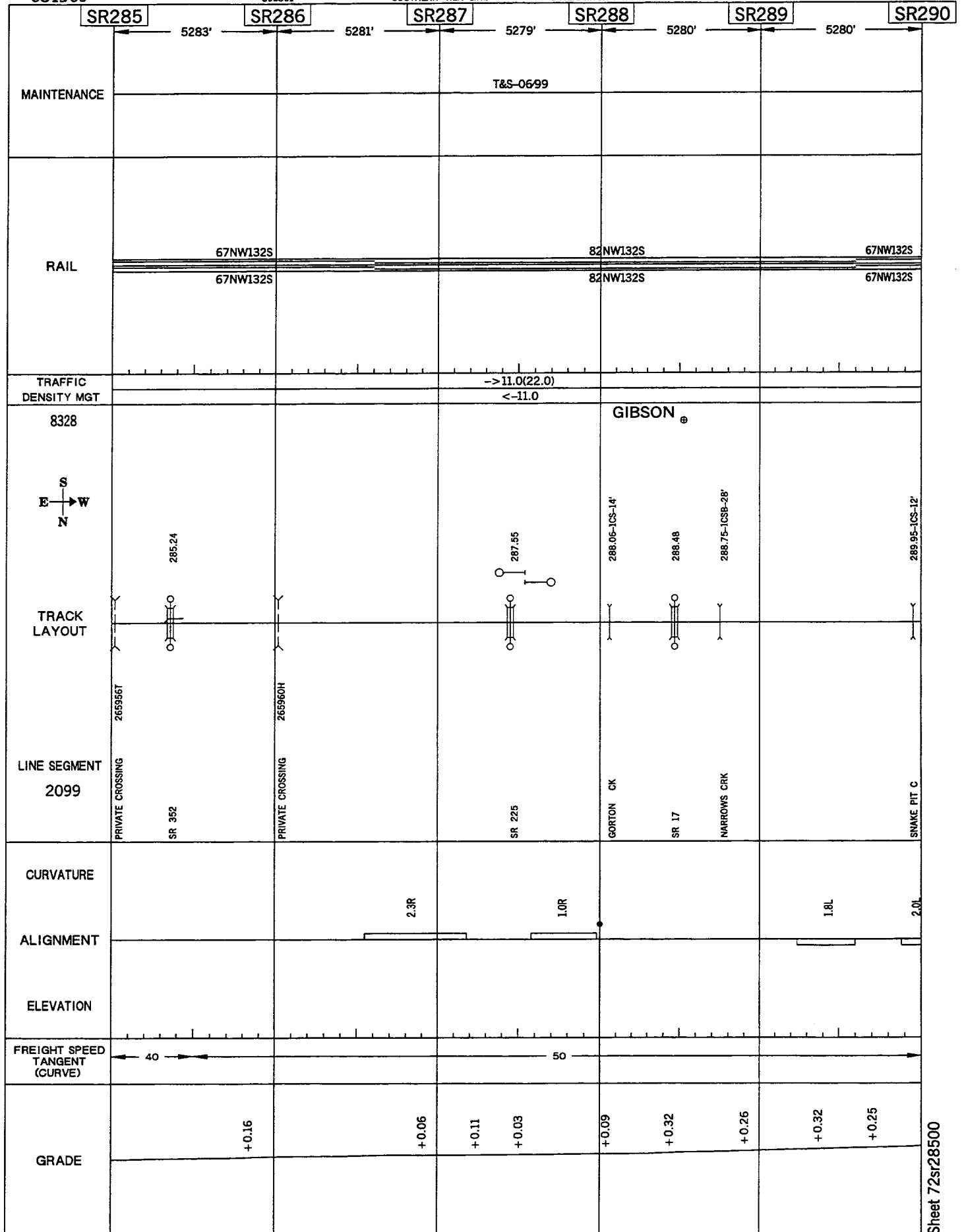
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



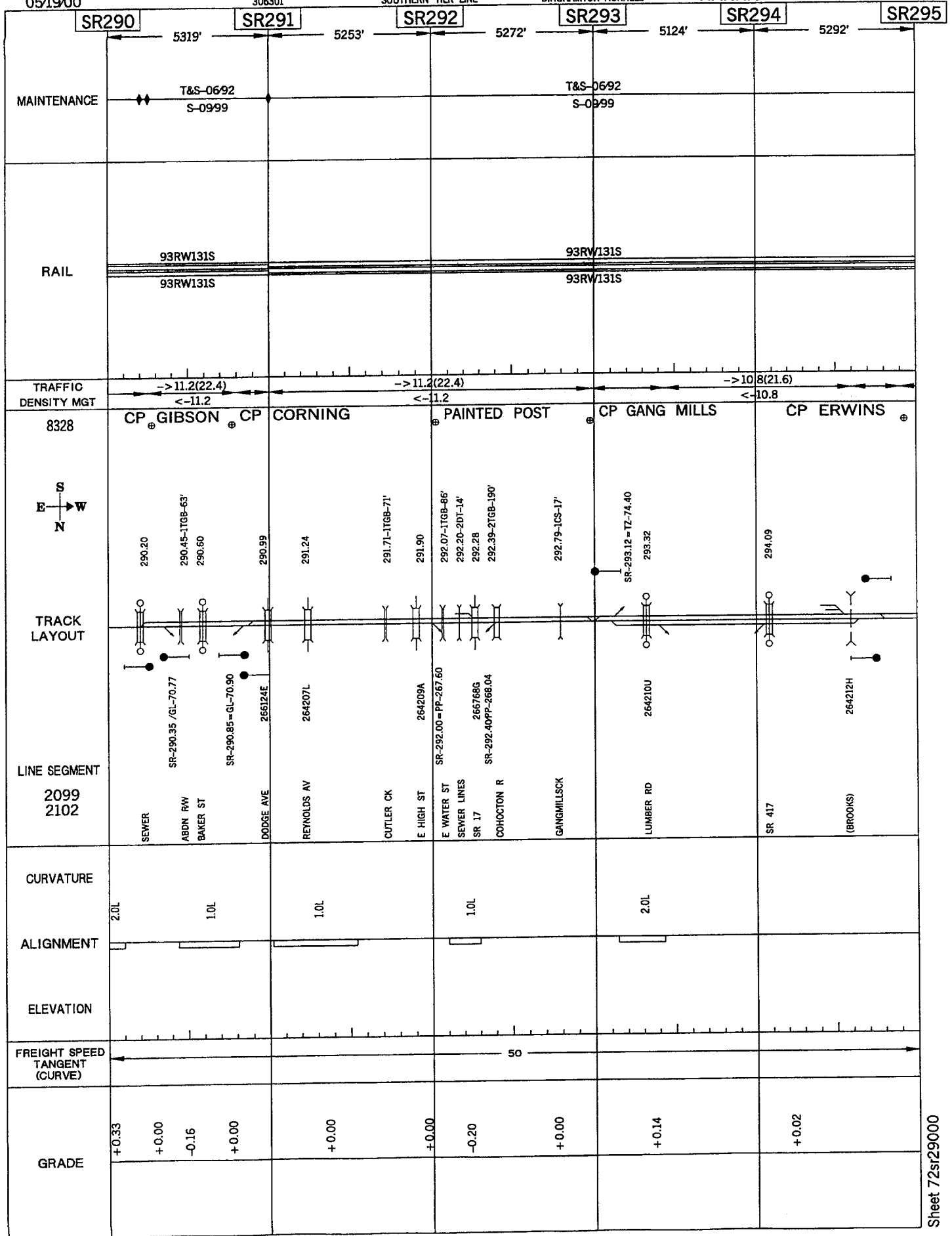
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



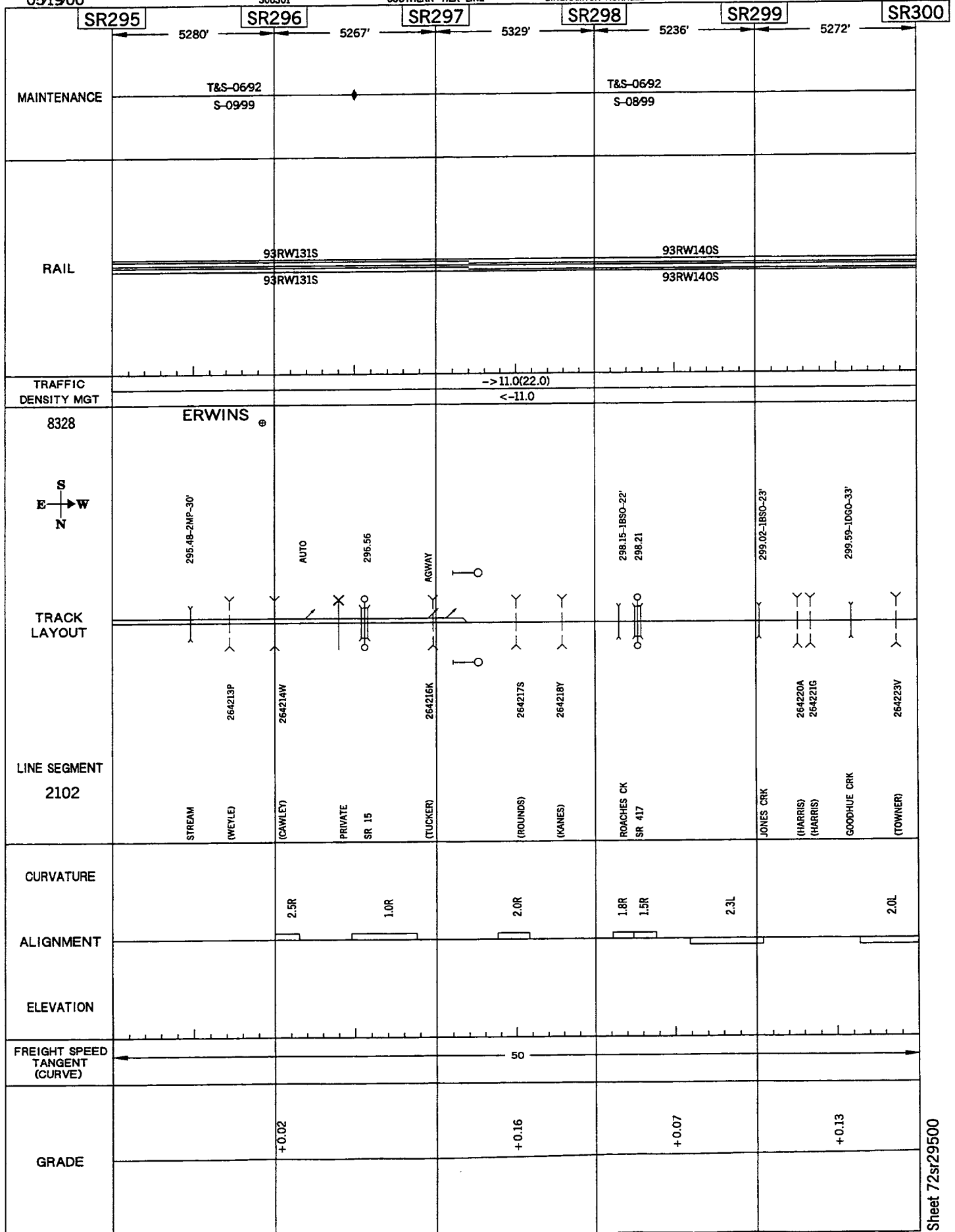
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



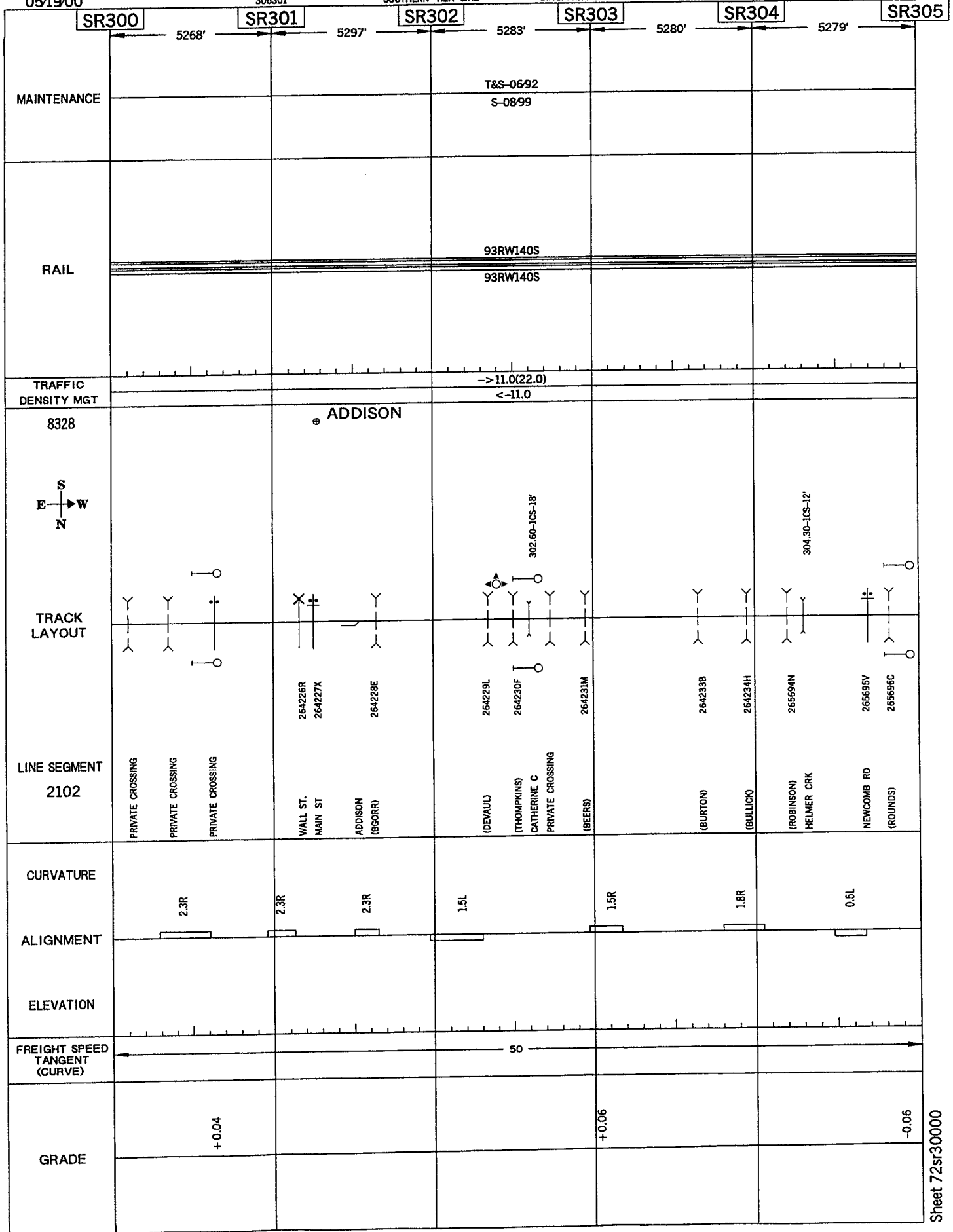
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



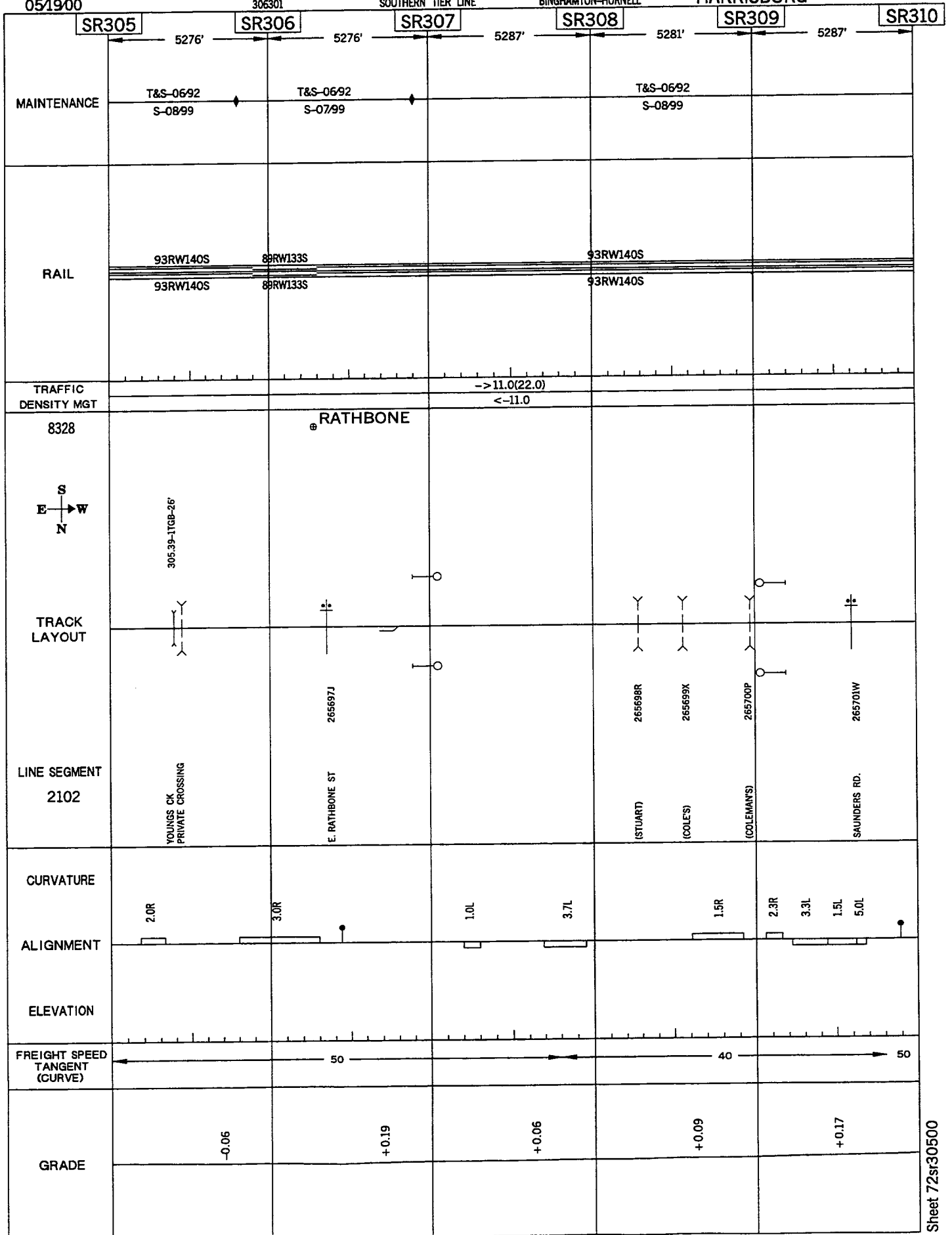
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



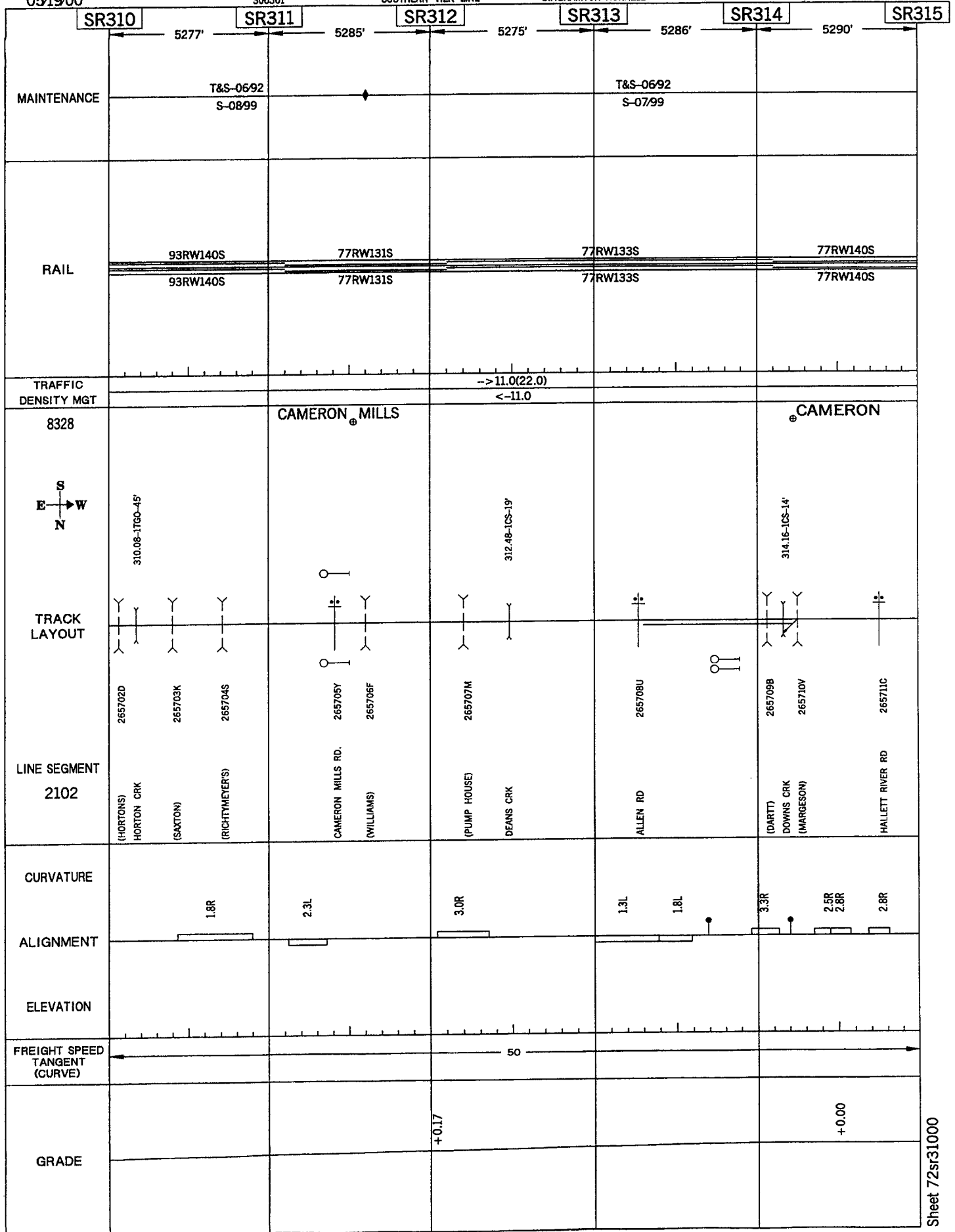
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



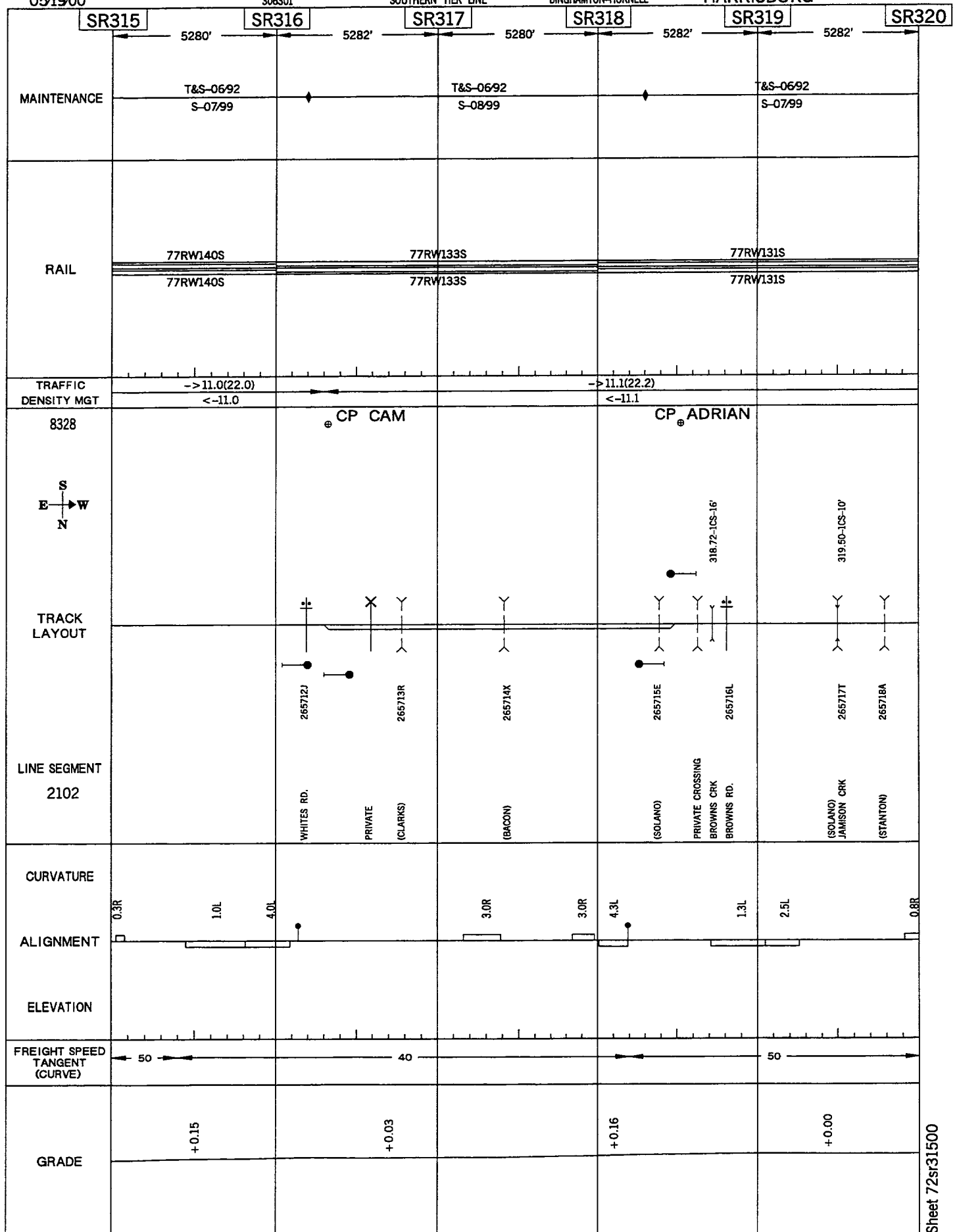
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



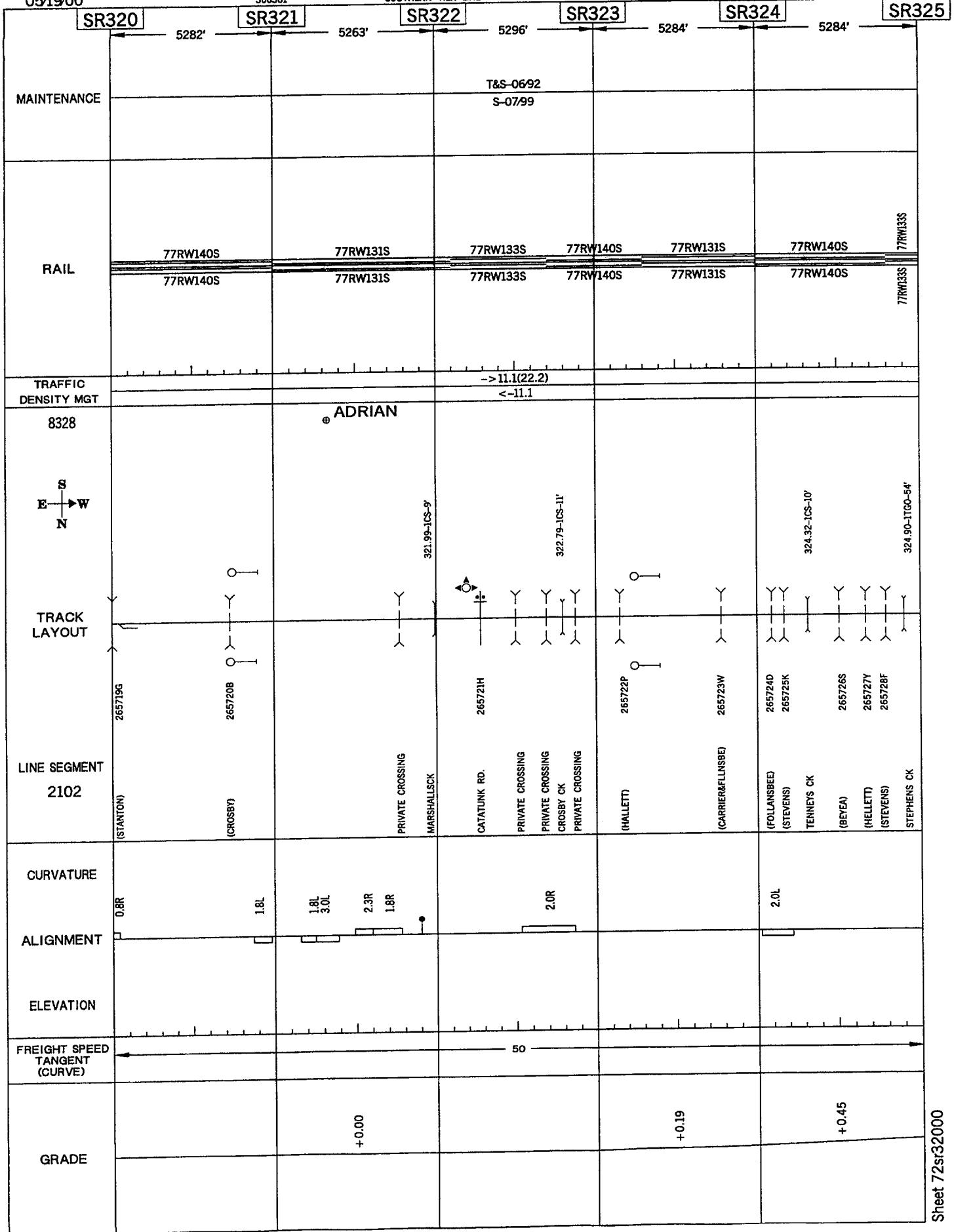
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SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



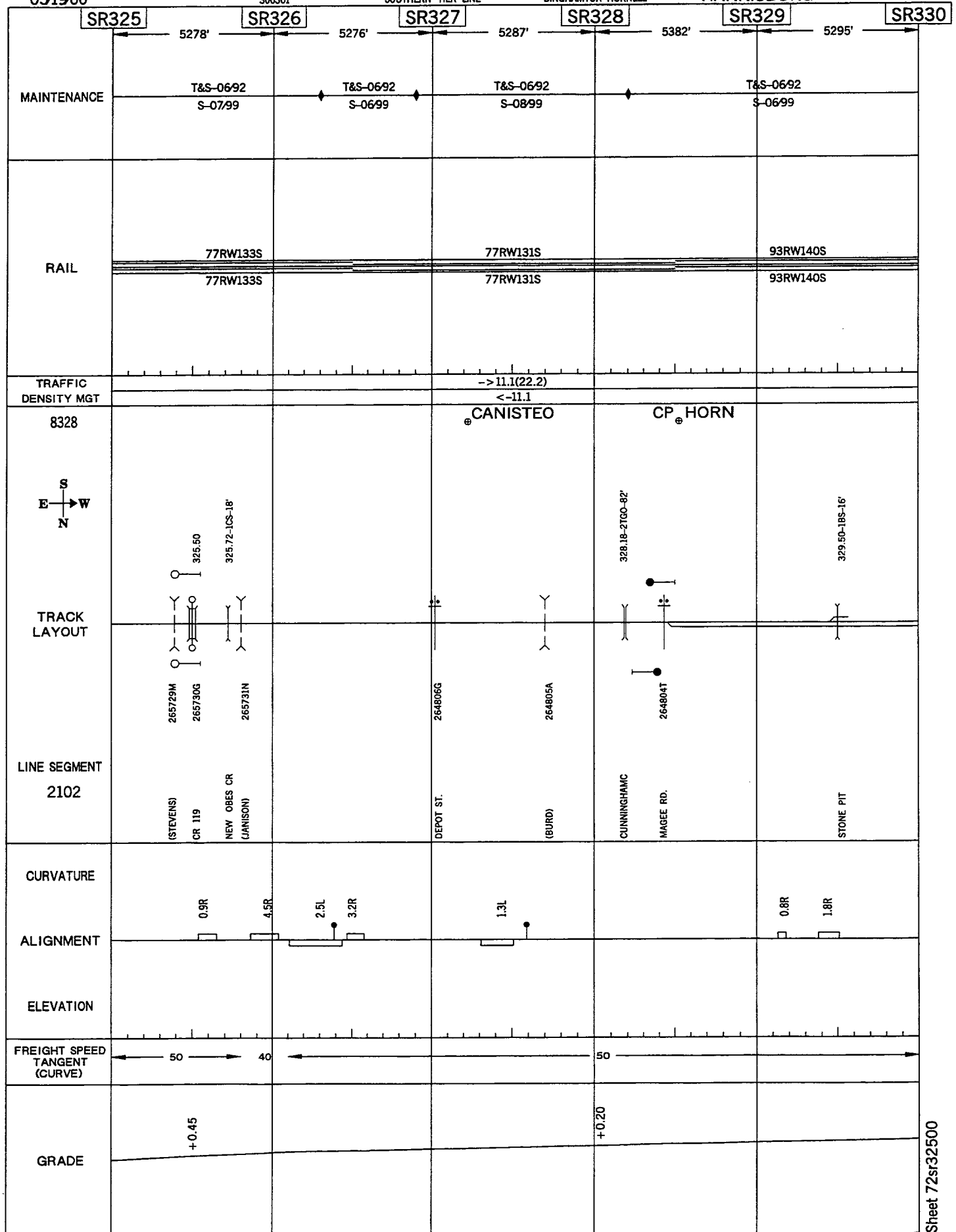
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



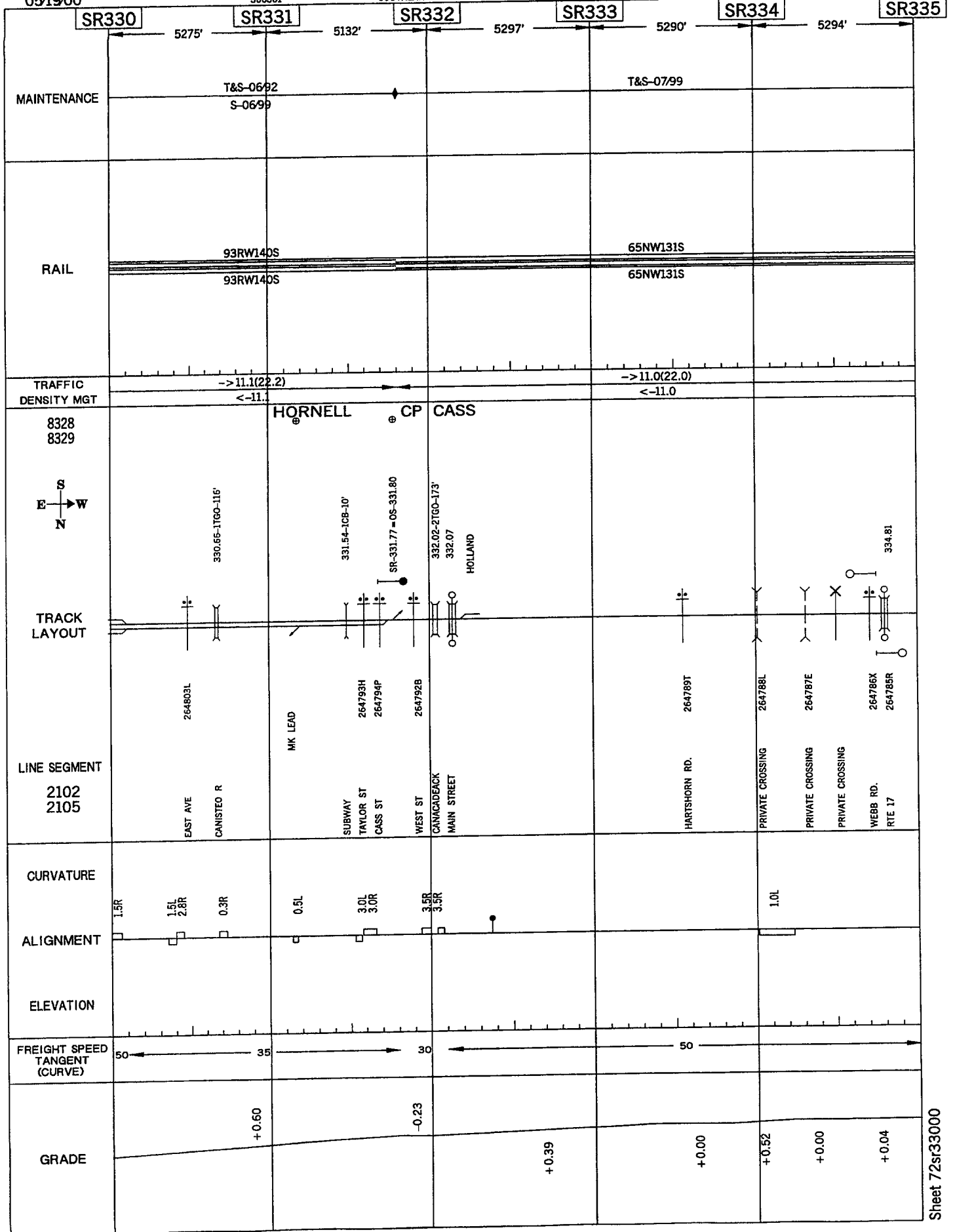
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306301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



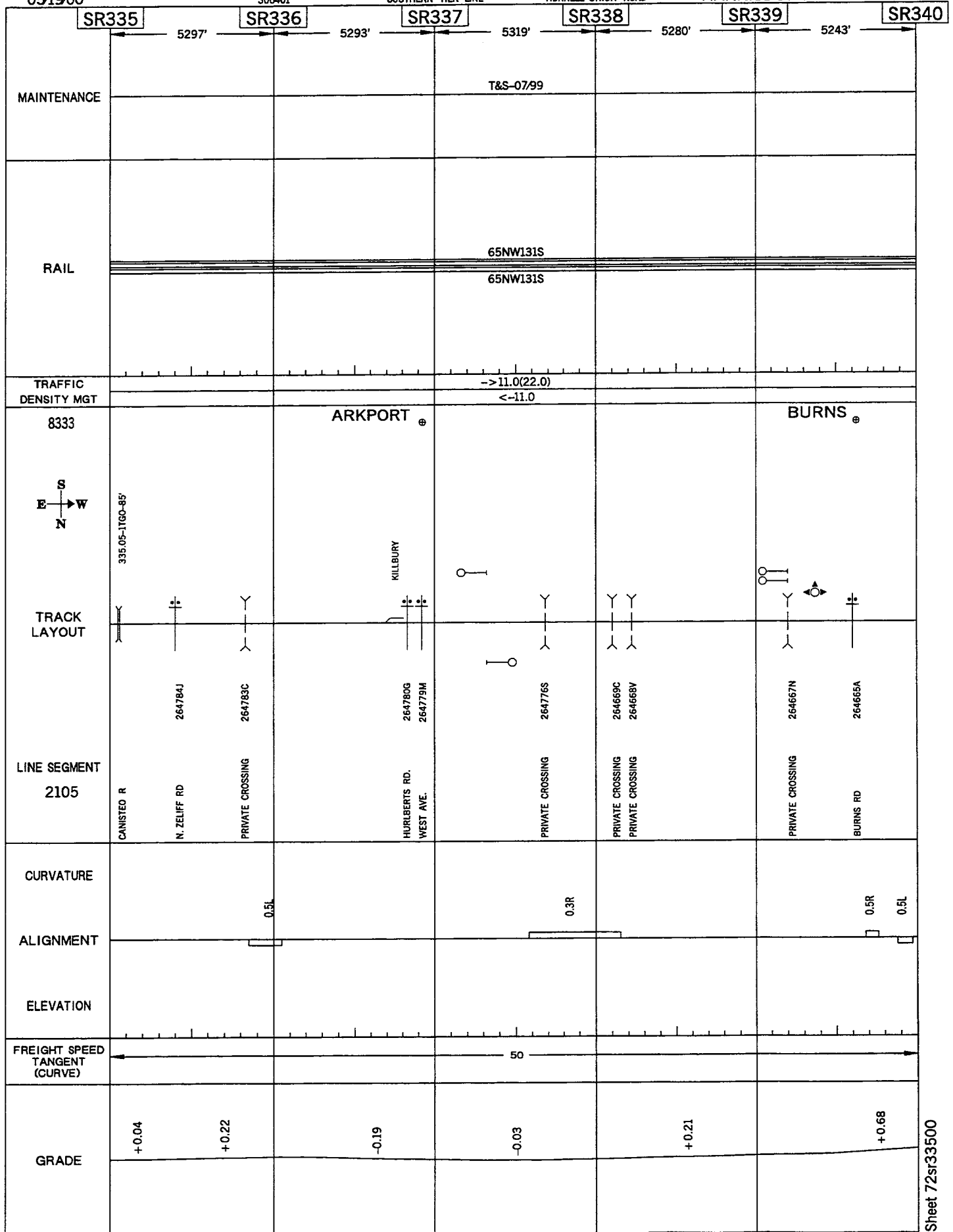
05/19/00

306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



051900

306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG

SR340

SR341

SR342

SR343

SR344

SR345

5279'

5297'

5227'

5287'

5295'

MAINTENANCE

T&S-0799

T&S-0692

RAIL

65NW131S

92RW140S

65NW131S

65NW131S

65NW131S

TRAFFIC
DENSITY MGT

-> 11.0(22.0)

<- 11.0

8333



TRACK
LAYOUT

340.93-104-20'

341.45

342.22

343.49-1160-106'

343.99-1160-30'

LINE SEGMENT
2105

264663L

DANSVILLERD

ARKPORT RD

W. MILLER RD

PRIVATE CROSSING

CANASER CK

CHURCH ST.

BENNETTS CK

FEINER RD

PRIVATE CROSSING

CURVATURE

1.0L

0.5L

2.0L

0.3R

0.3L

1.2R

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

50

GRADE

+0.68

+0.41

+0.08

+0.00

+0.63

+0.00

+0.14

+0.00

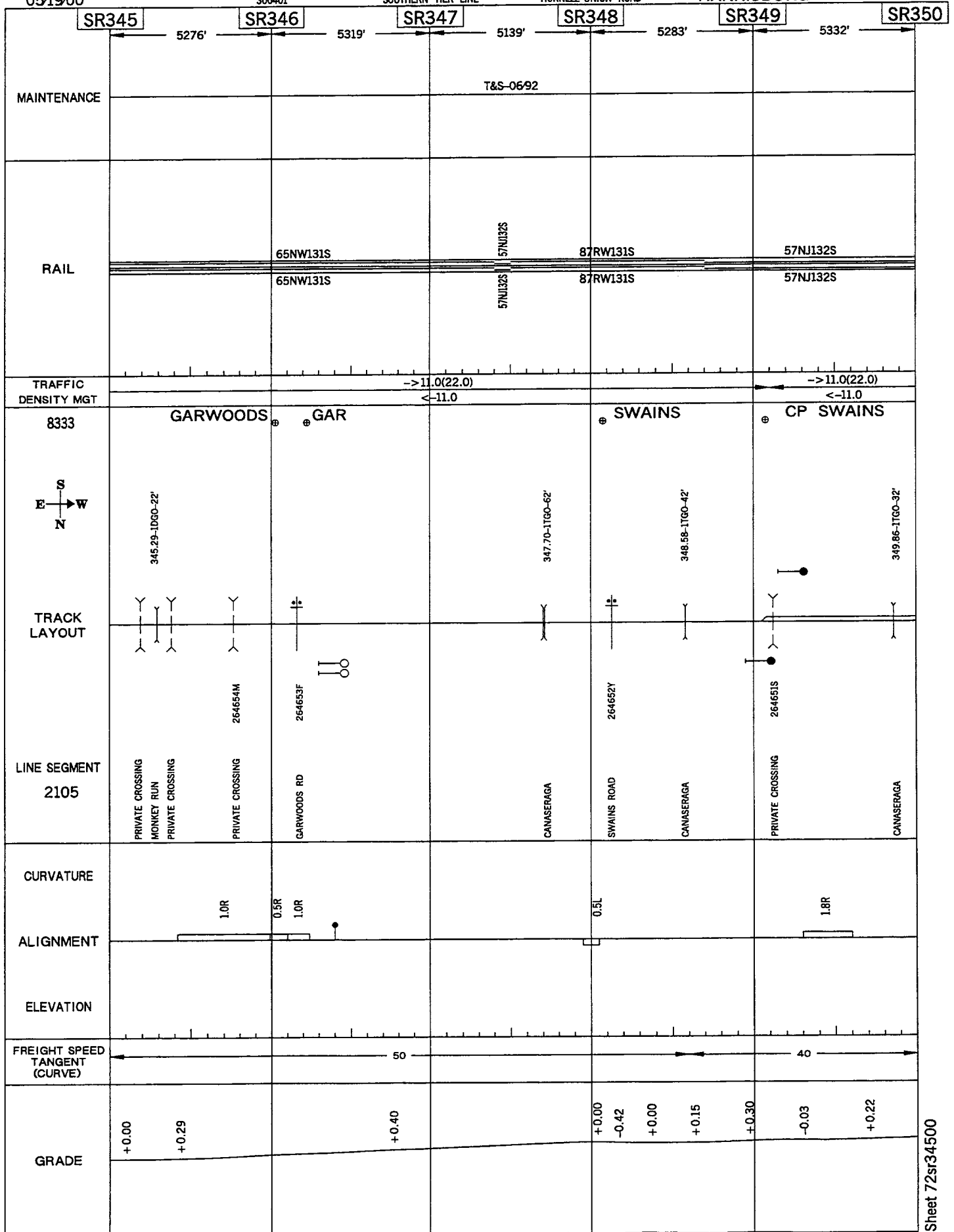
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306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



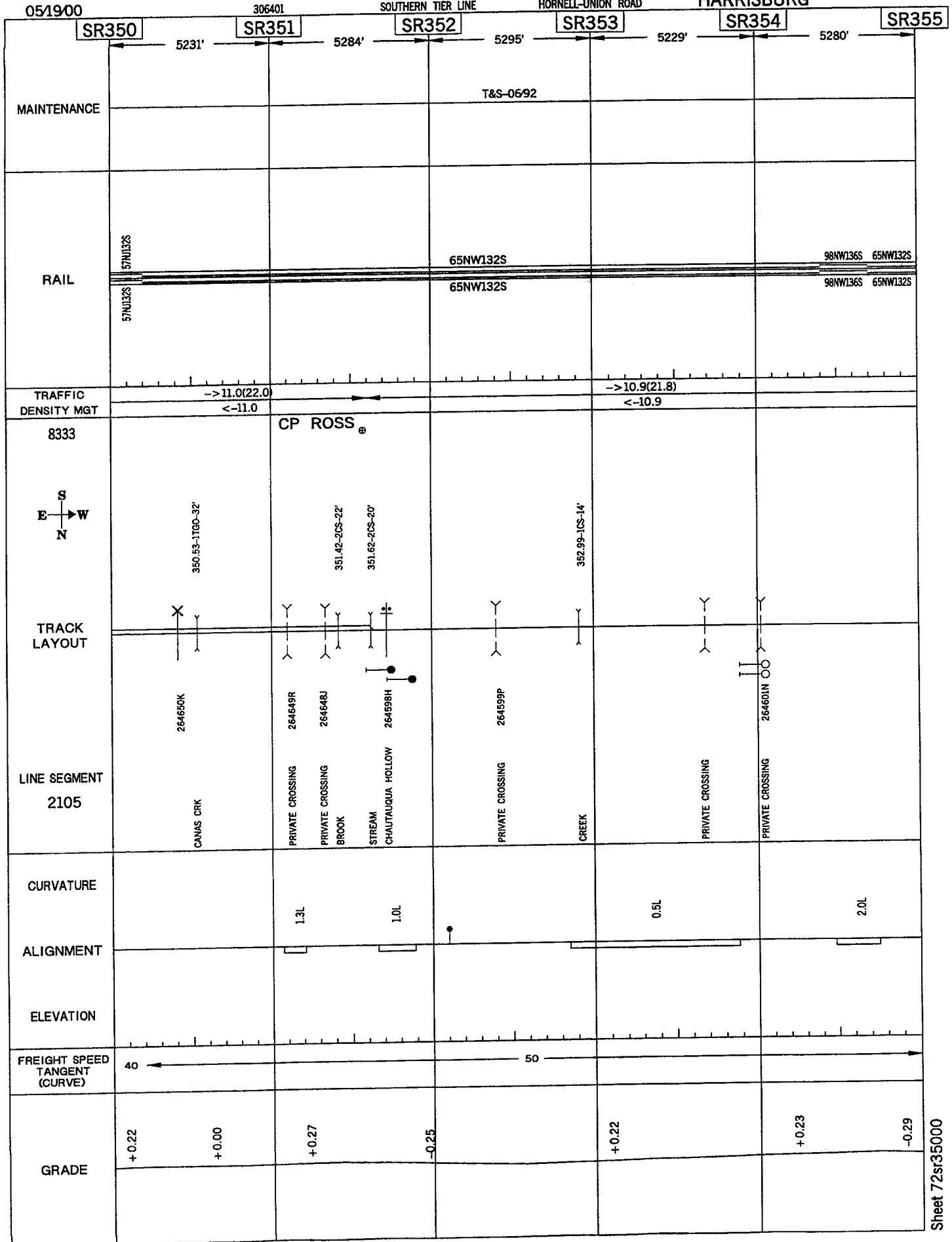
05/1900

306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



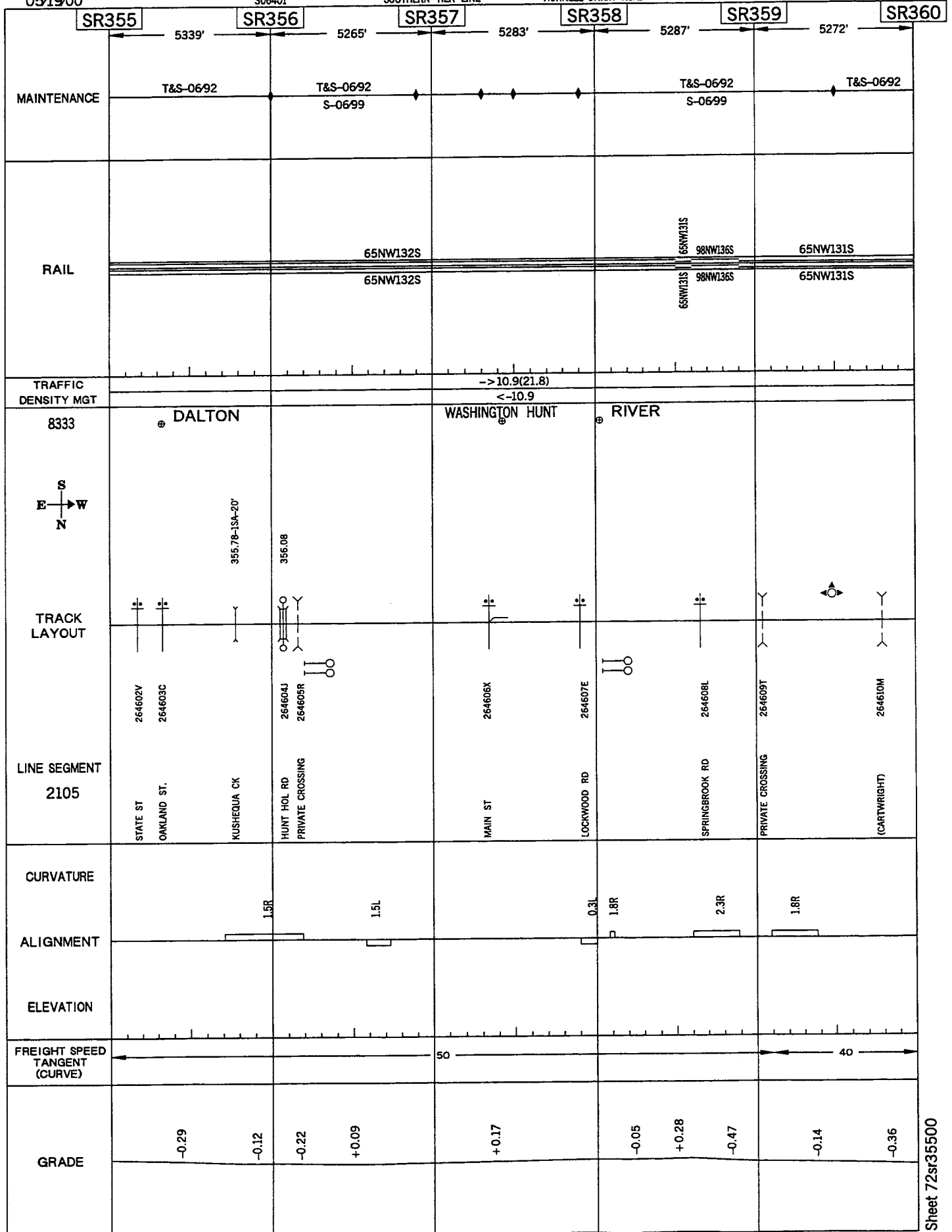
051900

306401

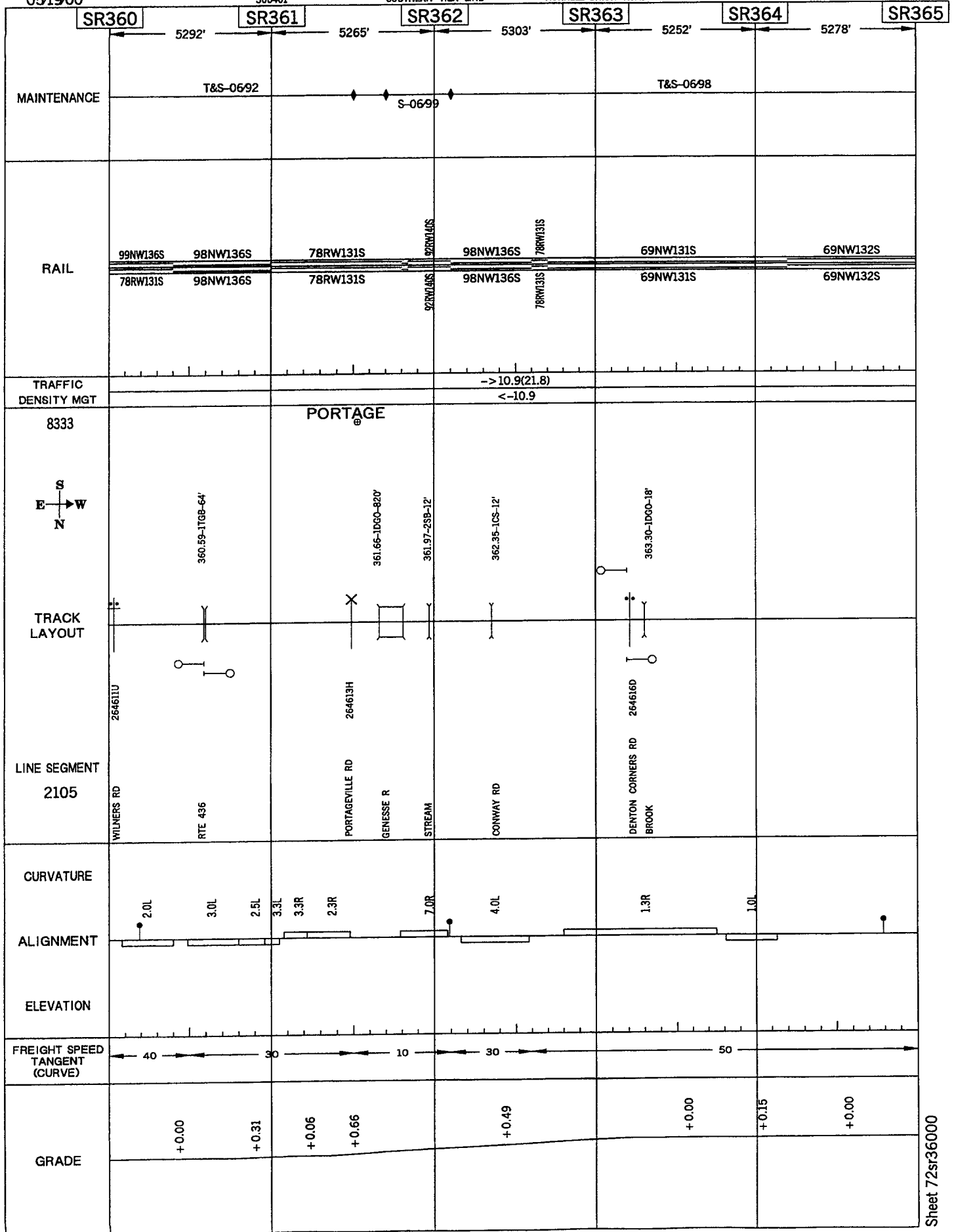
SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



HARRISBURG



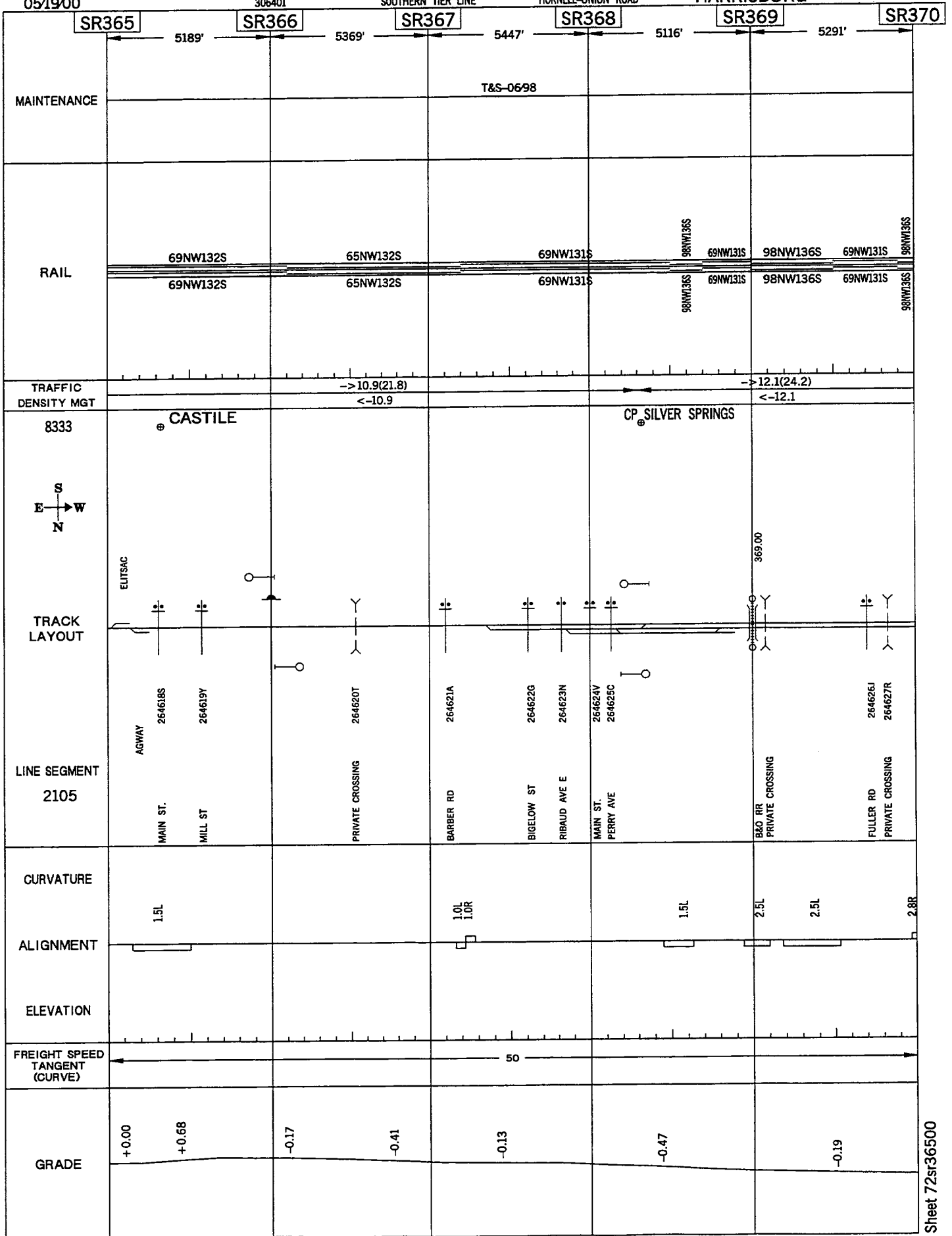
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306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



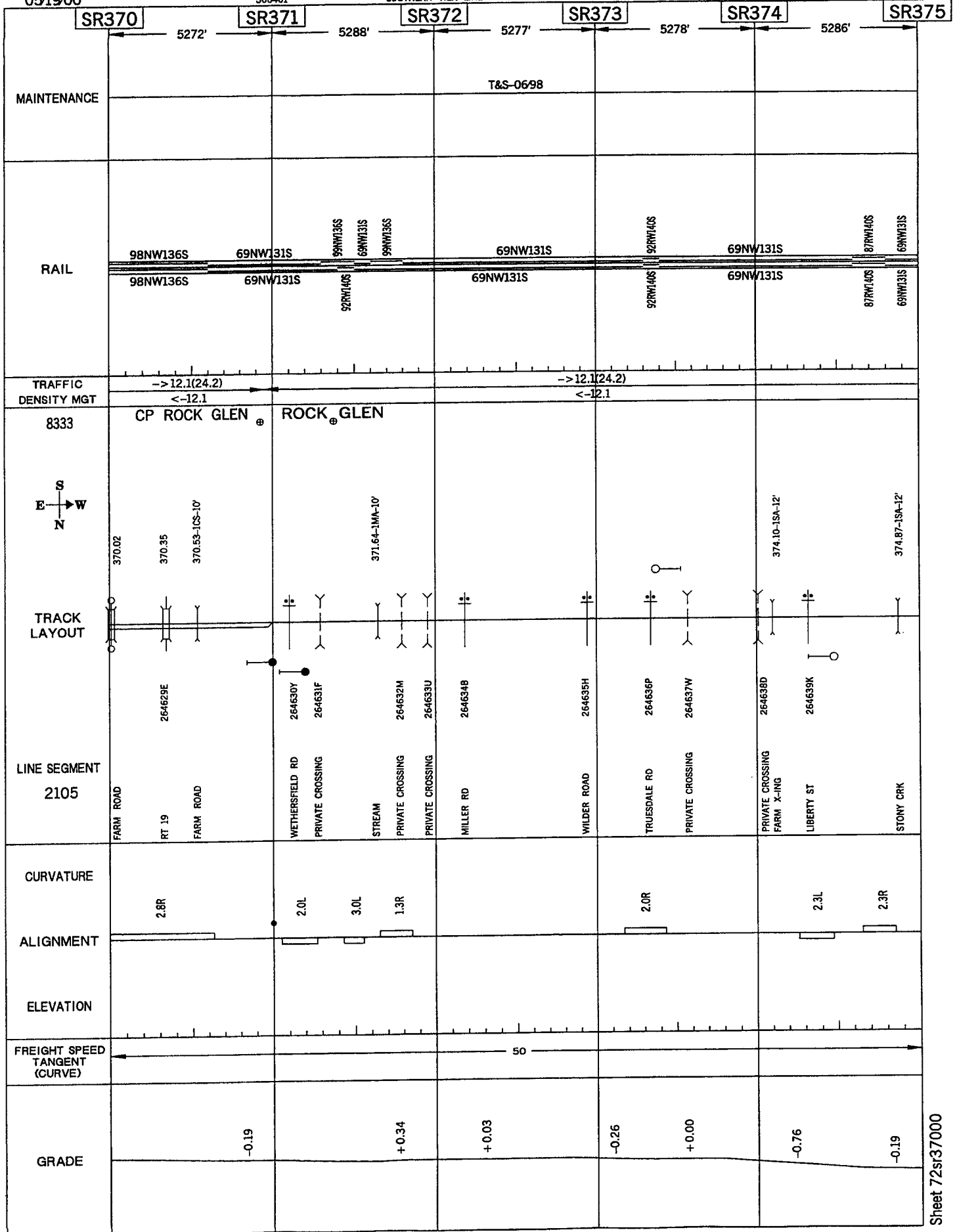
05/19/00

306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



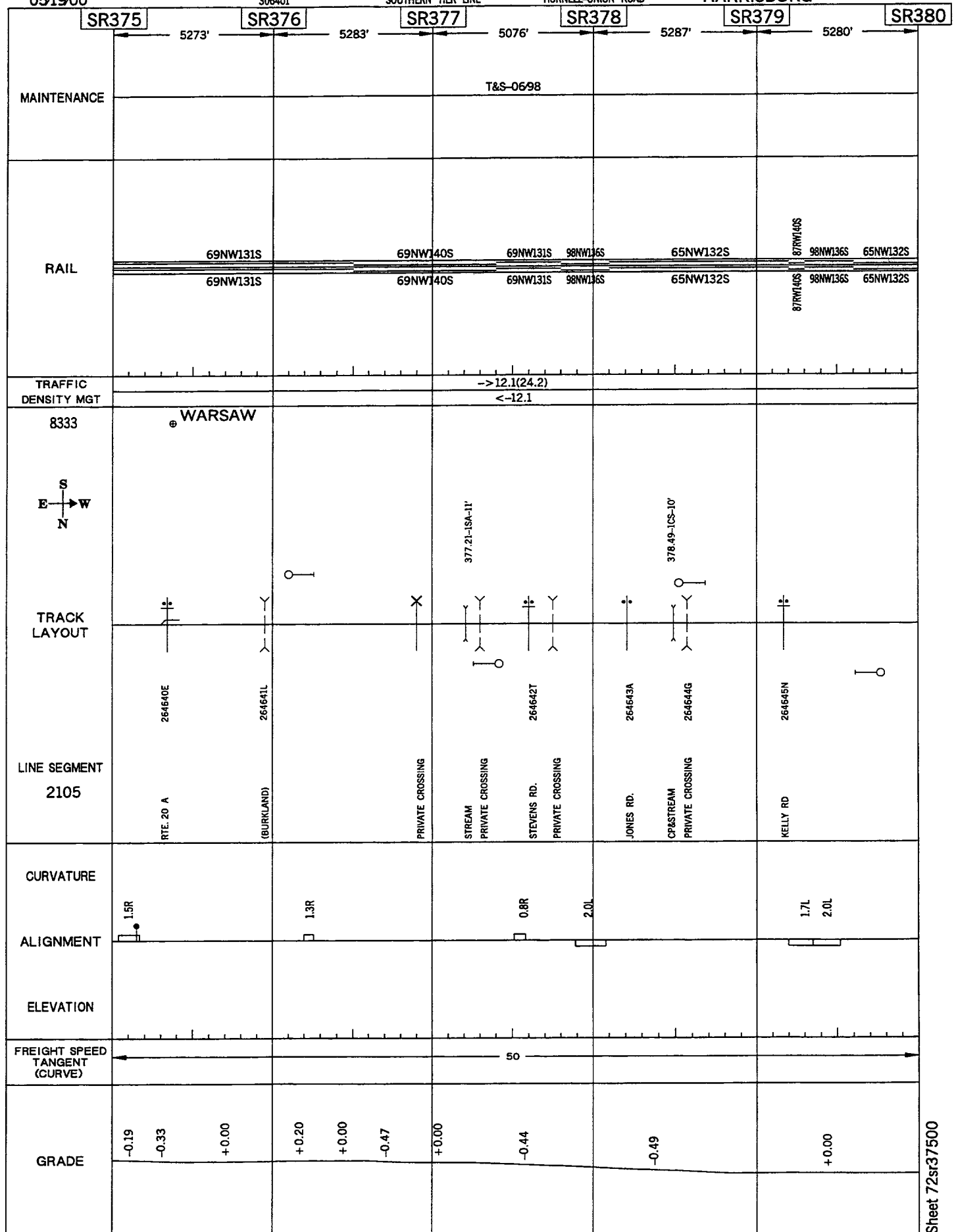
05/19/00

306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



05/1900

306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG

SR380

SR381

SR382

SR383

SR384

SR385

5289'

5279'

5274'

5287'

5274'

MAINTENANCE

T&S-06/98

RAIL

65NW132S

79NW132S

79NW132S

98NW136S

98NW136S

79NW132S

79NW132S

98NW136S

98NW136S

77NW140S

77NW140S

87RW140S

87RW140S

TRAFFIC
DENSITY MGT->12.1(24.2)
<-12.1

8333



DALE

380.41-ISA-10'

381.05-ISA-14'

381.47

TRACK
LAYOUT

264646V

264647C

264497W

264498D

264499K

264500C

264503X

264504E

264505L

264506T

264507A

264508G

264509N

264510H

264511P

LINE SEGMENT
2105

PRIVATE CROSSING

PRIVATE CROSSING

STREAM

DALE RD.

STREAM

PRIVATE CROSSING

(WALKER)

VERNAL RD

(BERNHART)

(PFLARNIN)

(DUSEING)

(DUSEING)

PRIVATE CROSSING

(SPENCER)

PRIVATE CROSSING

(SMITH)

CAPWELL RD

CURVATURE

1.3L

2.0R

0.5L

2.0L

3.3R

2.3L

3.0R

1.7L

1.0R

0.5R

0.5R

2.3L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

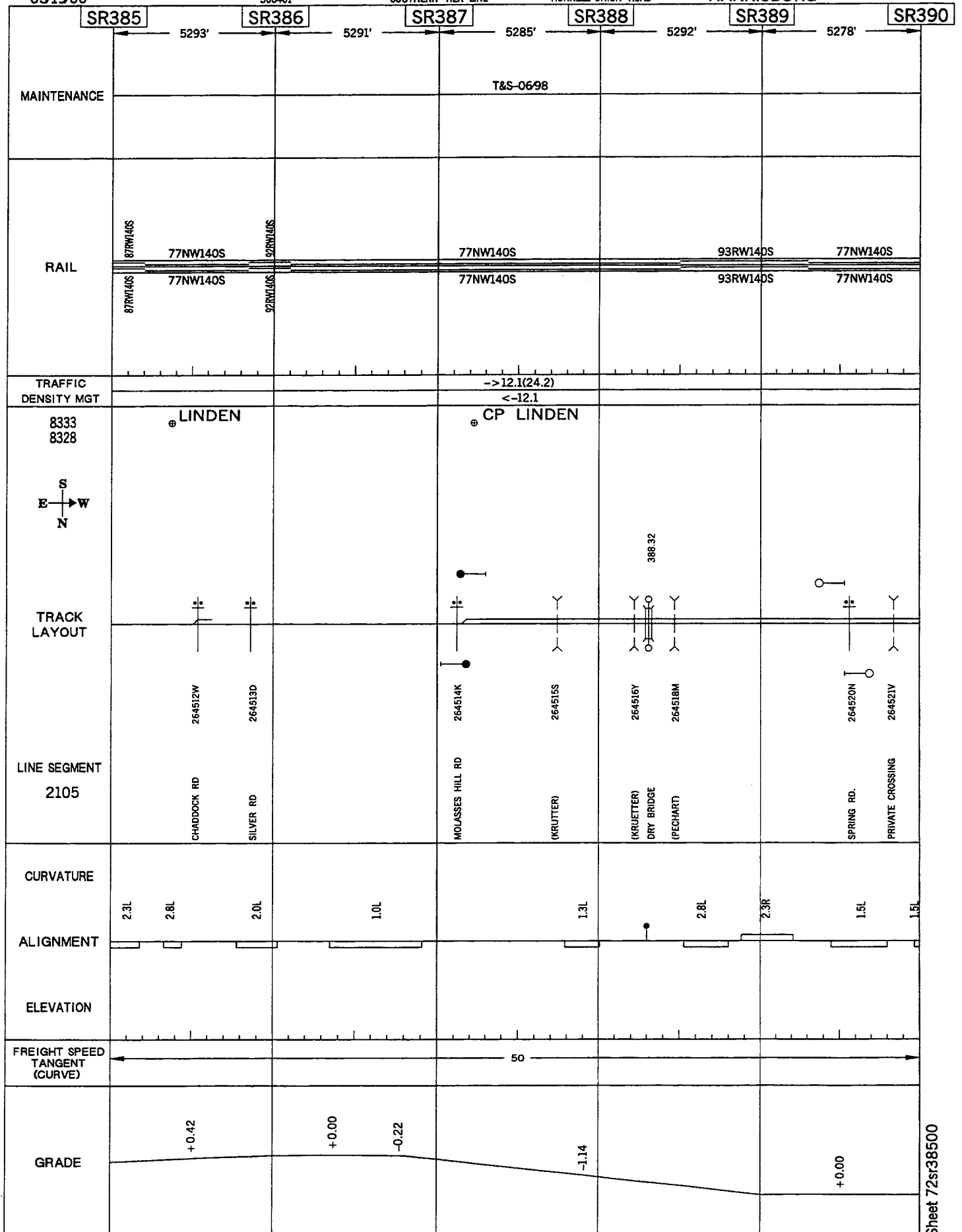
50

GRADE

+0.00

+0.21

+0.42



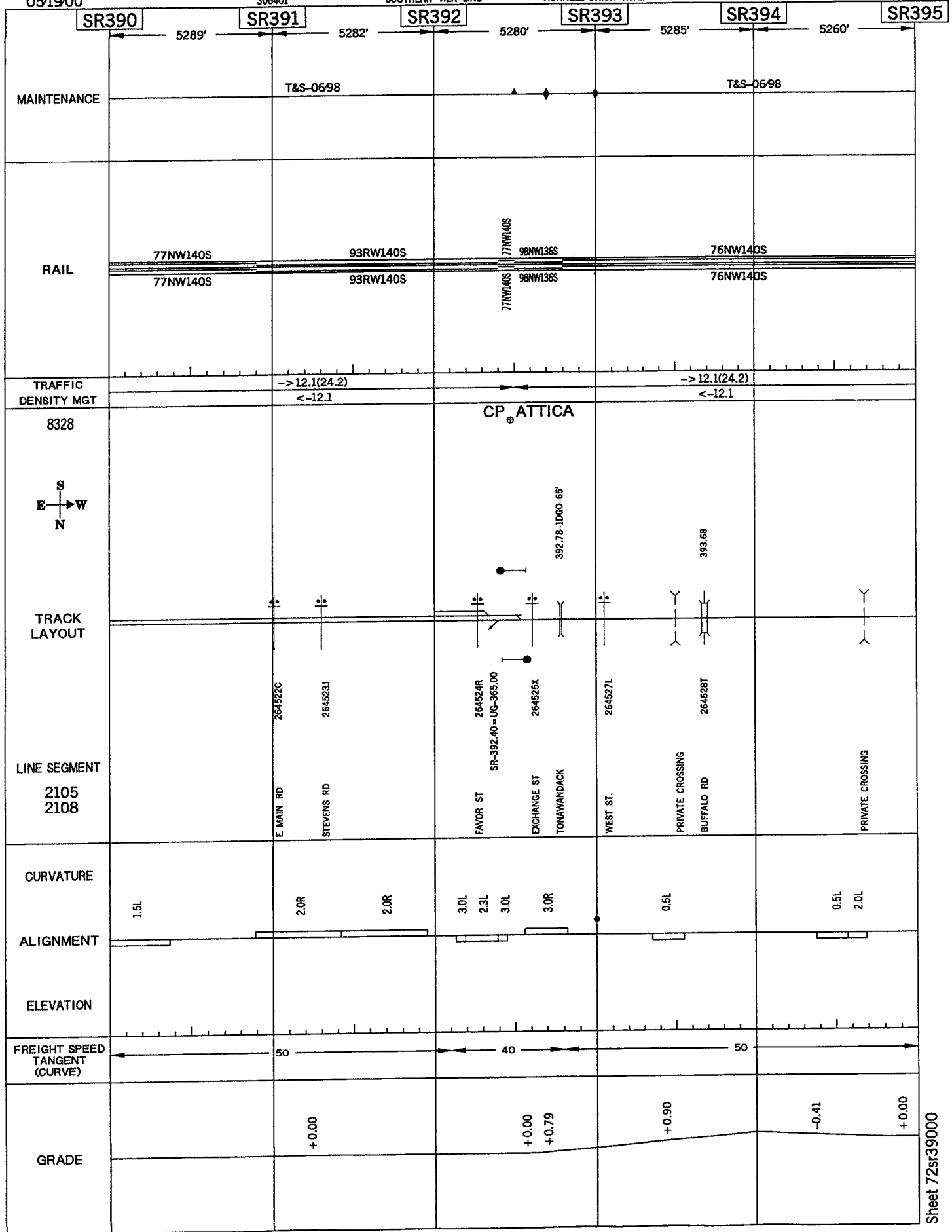
05/19/00

306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



05/19/00

306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG

SR395

SR396

SR397

SR398

SR399

SR400

5295'

5281'

5279'

5295'

5271'

MAINTENANCE

T&S-0698

RAIL

76NW140S

69NW140S

69NW131S

69NW132S

69NW133S

69NW140S

69NW131S

98NW136S

76NW140S

69NW140S

69NW131S

69NW132S

69NW133S

69NW140S

69NW131S

98NW136S

TRAFFIC
DENSITY MGT

-> 12.1(24.2)

<- 12.1

8328

GRISWOLD

DARIEN CENTER

S
E → W
NTRACK
LAYOUT

○

395.80-2BSB-24'

264531B

264532H

264533P

264534W

264535D

264537S

399.82-1CS-14'

LINE SEGMENT
2108

ATTICA RD

PRIVATE CROSSING
BROOK

PRIVATE CROSSING

GRISWOLD RD

PRIVATE CROSSING

TINKHAMS RD

PRIVATE CROSSING

ALLEGANY RD.

STREAM

CURVATURE

0.8R

1.3L

1.3R

1.3L

1.3R

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

50

GRADE

+0.00

-0.31

-0.08

-0.61

-0.35

-0.68

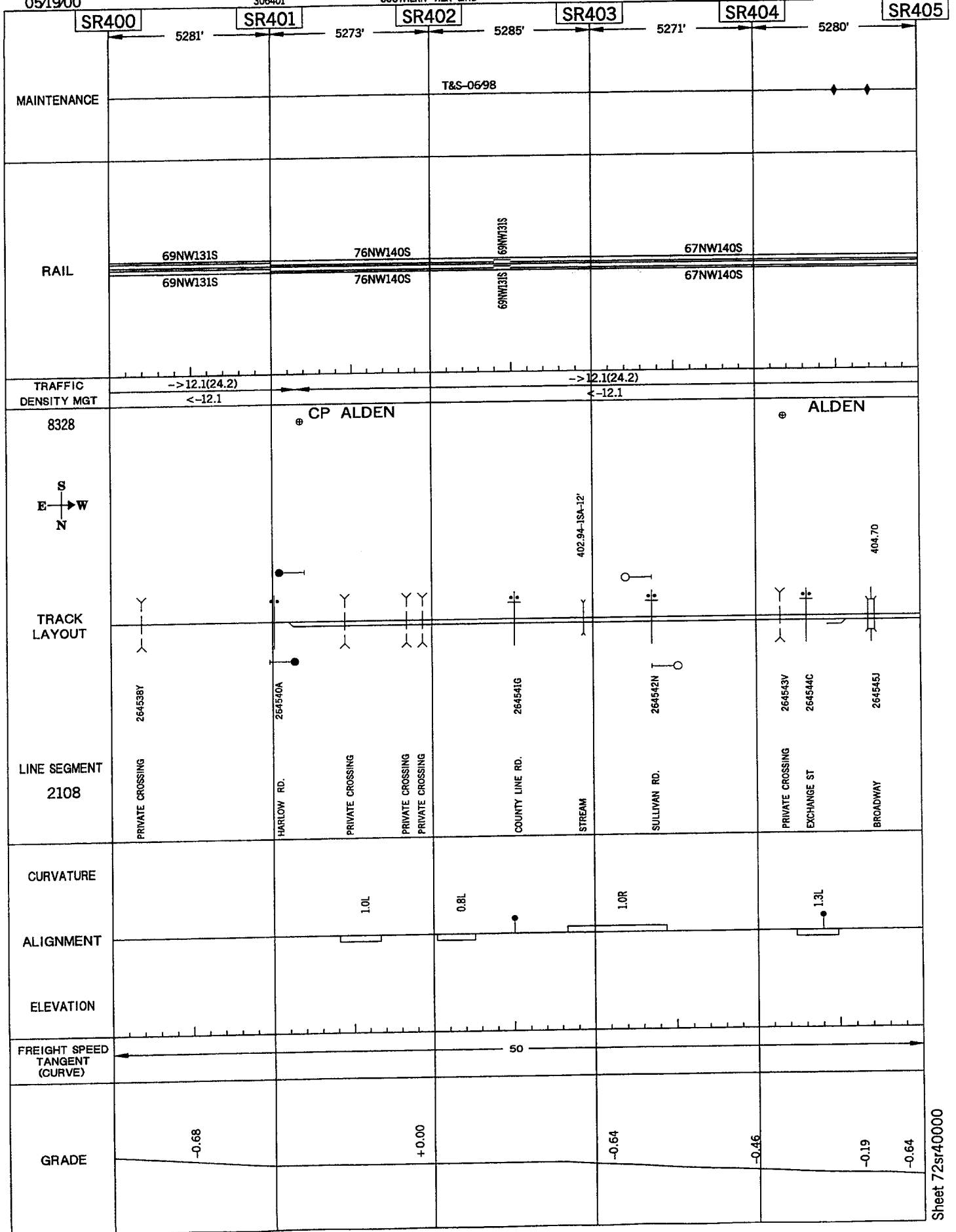
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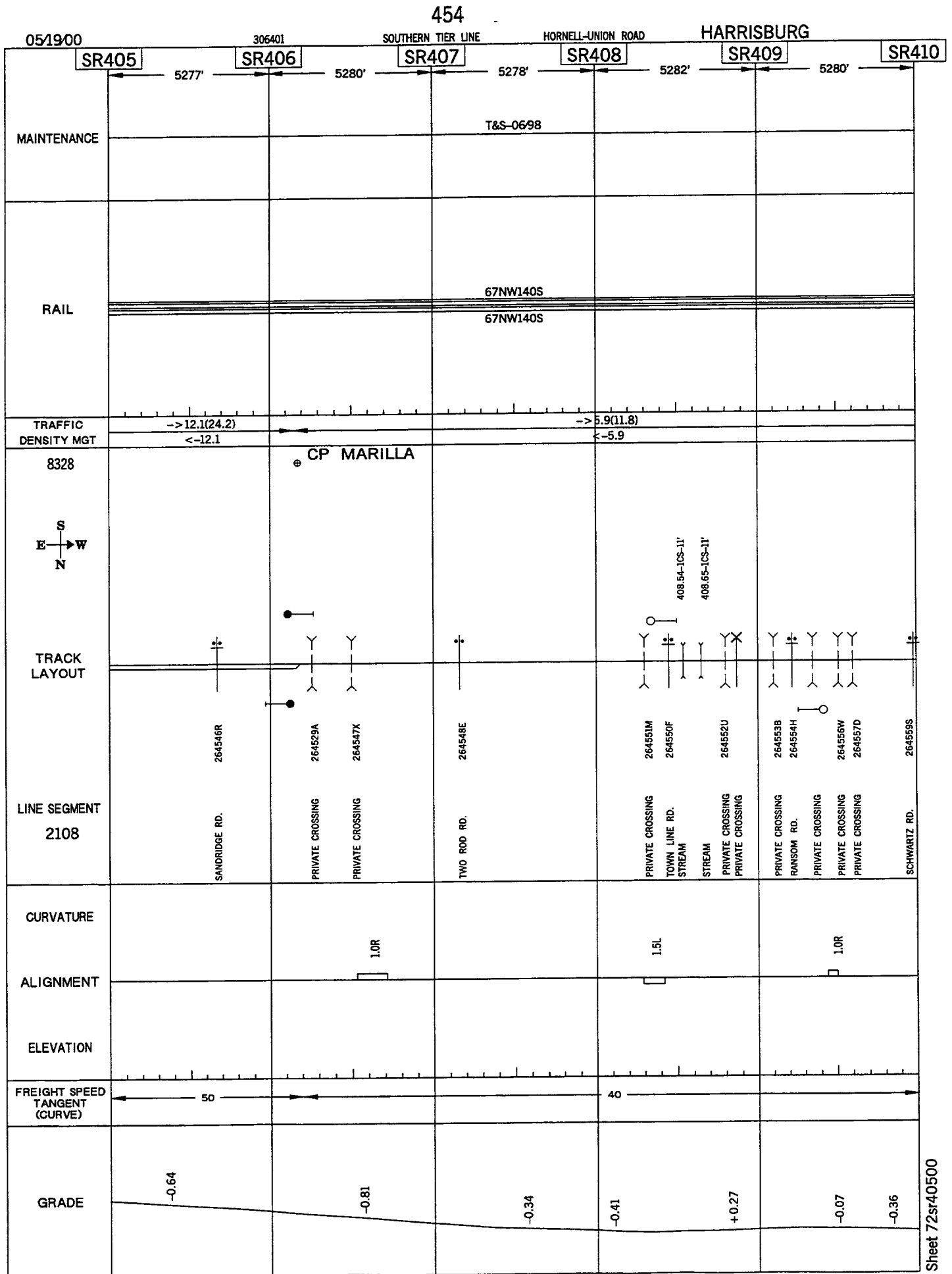
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SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG





455

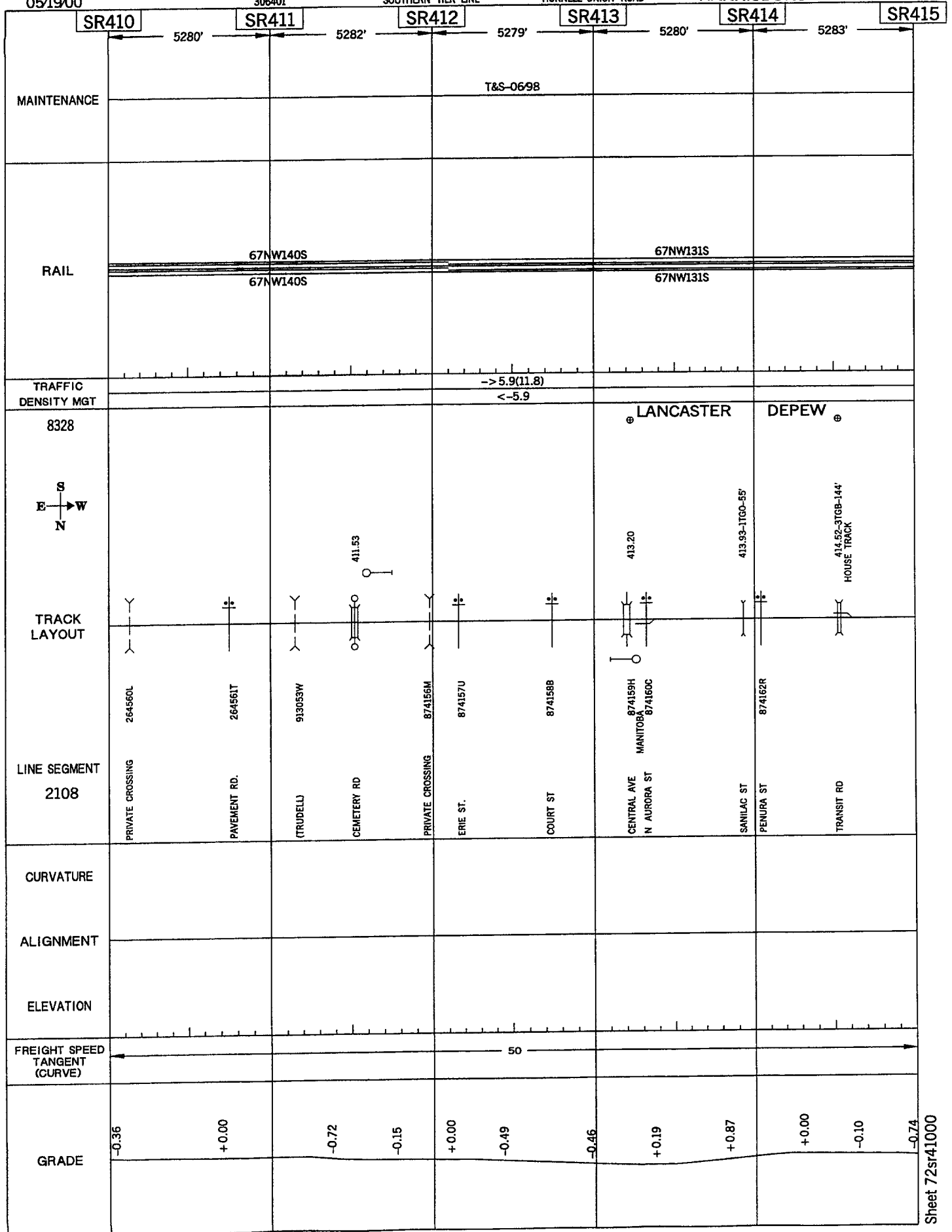
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306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



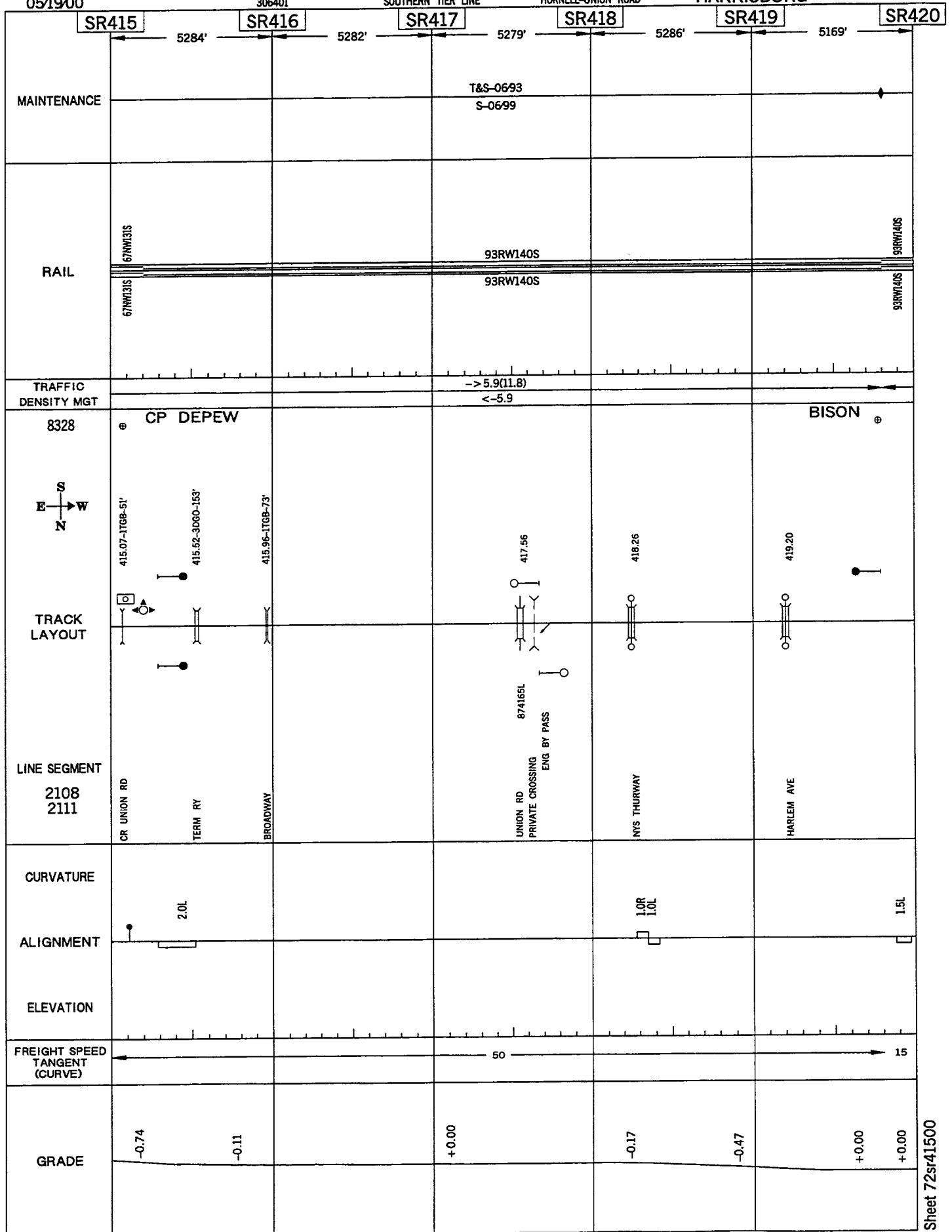
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306401

SOUTHERN TIER LINE

HORNELL-UNION ROAD

HARRISBURG



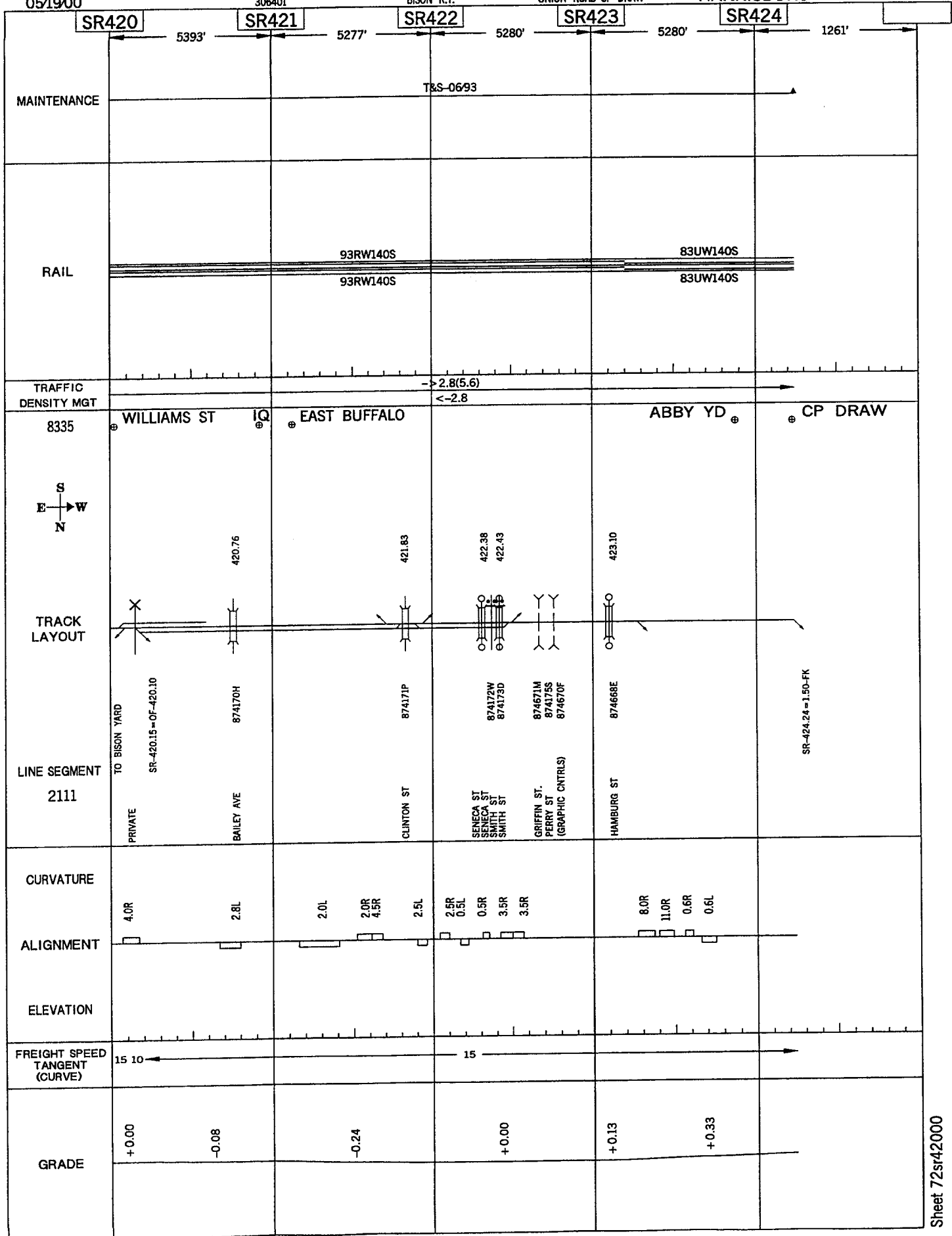
05/19/00

306401

BISON R.T.

UNION ROAD-CP DRAW

HARRISBURG



MAINTENANCE					
RAIL					
TRAFFIC DENSITY MGT					
TRACK LAYOUT	THIS PAGE IS INTENTIONALLY BLANK				
LINE SEGMENT					
CURVATURE					
ALIGNMENT					
ELEVATION					
FREIGHT SPEED TANGENT (CURVE)					
GRADE					

051900

306102

HARRIMAN I.T.

NEWBURG JCT-HARRIMAN

HARRISBURG

ZU45

5280'

T&S-06/81

MAINTENANCE

RAIL

42NJ112S

42NJ112S

39NJ12S

39NJ12S

TRAFFIC
DENSITY MGT

-> 0.1(0.2)

<- 0.1

8323

HARRIMAN

S
E → W
N

ZU-45.00 - JS-45.00

TRACK
LAYOUT

045.90

LINE SEGMENT
2909

ZU-45.60 / JS-45.38

263505H

ST RT 32

CURVATURE

1.6L

1.0L

ALIGNMENT

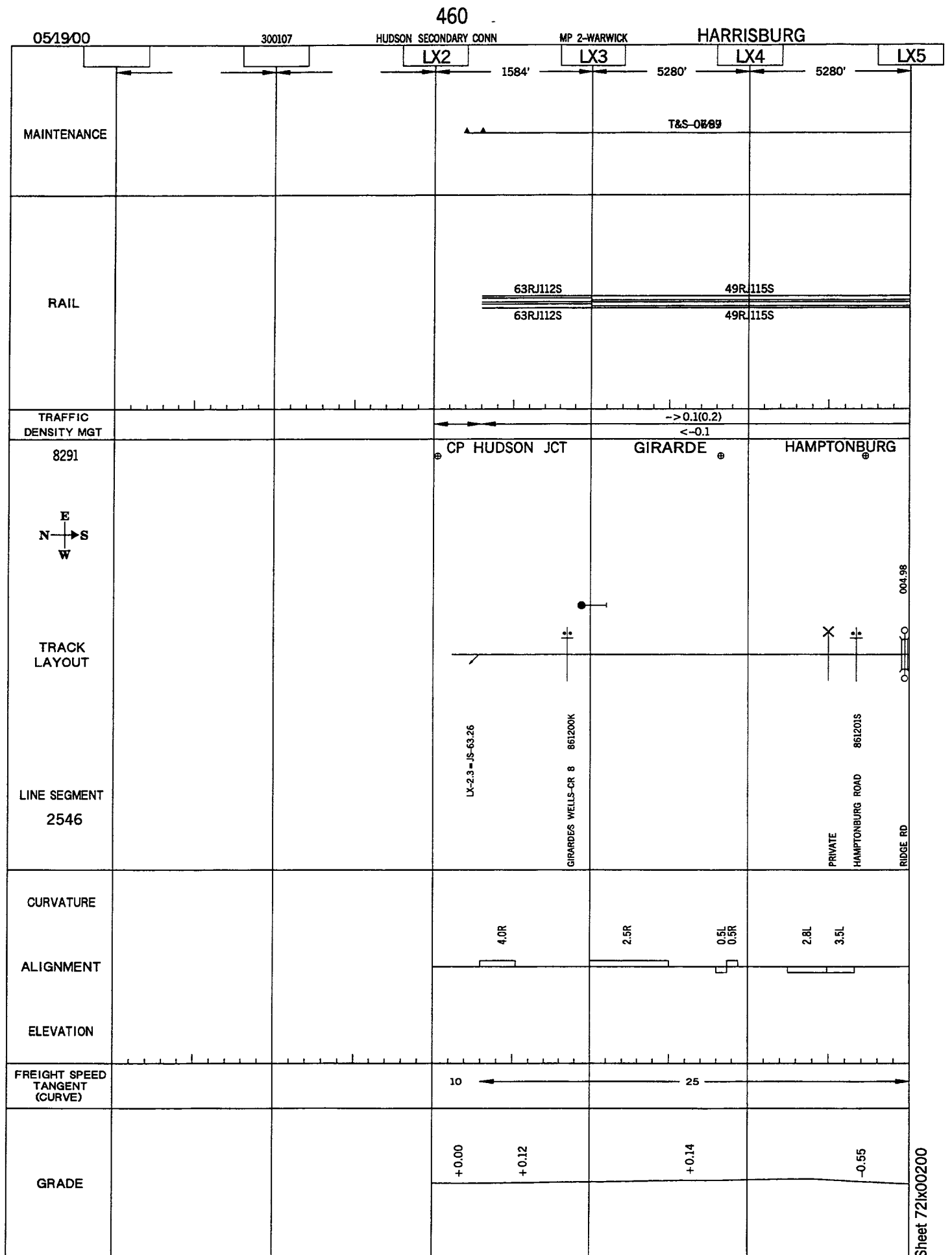
ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.00



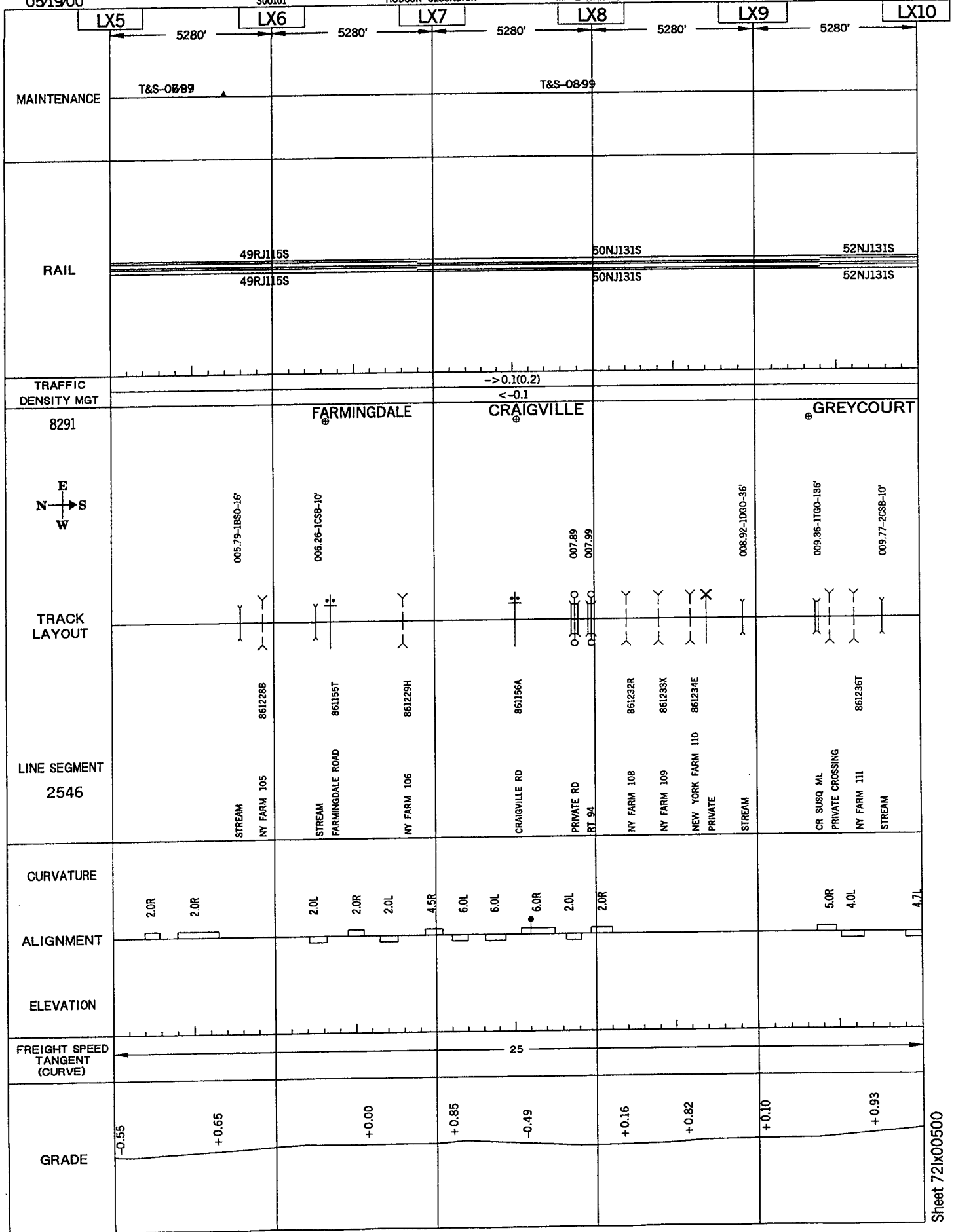
05/19/00

300101

HUDSON SECONDARY

MP 2-WARWICK

HARRISBURG



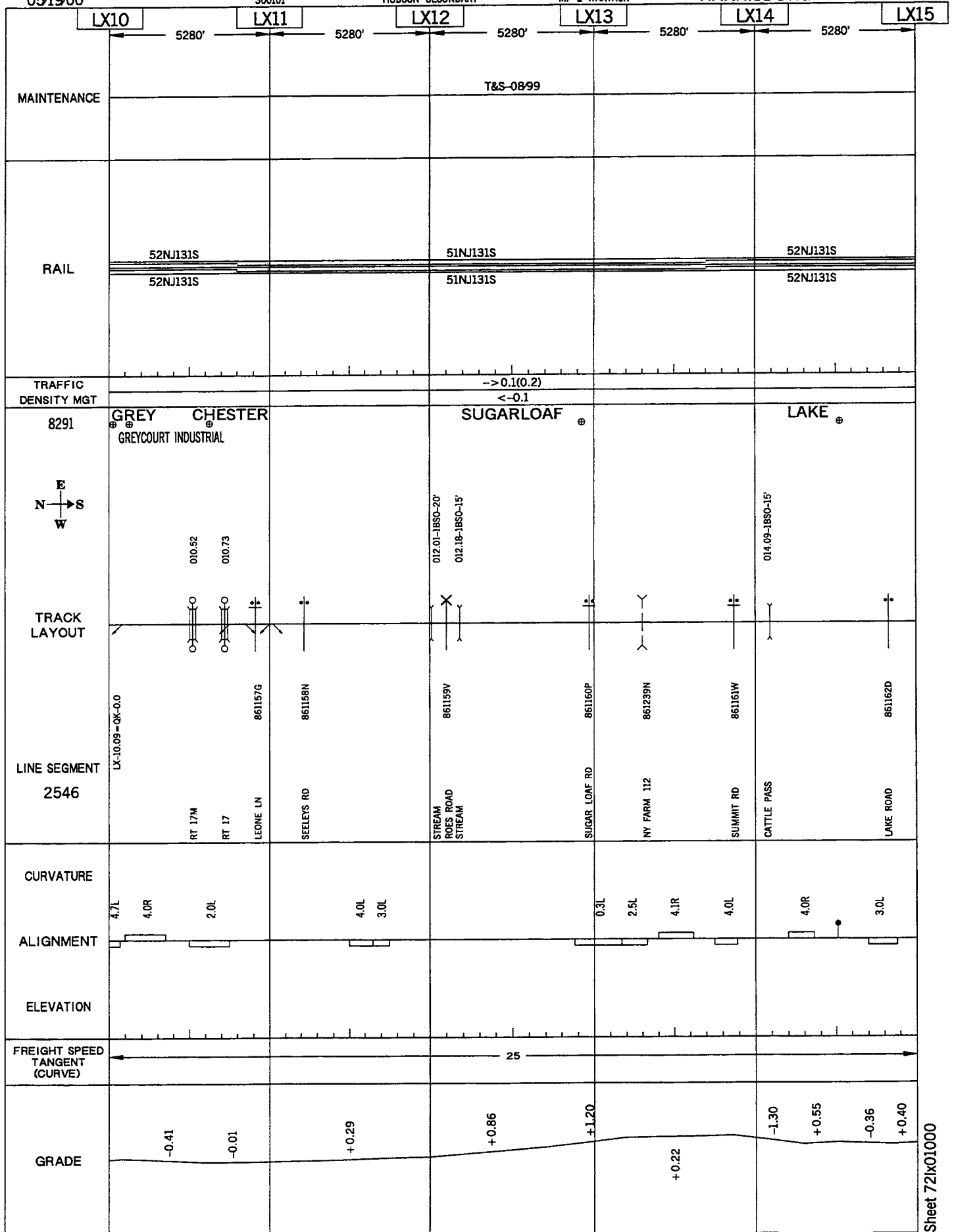
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300101

HUDSON SECONDARY

MP 2-WARWICK

HARRISBURG



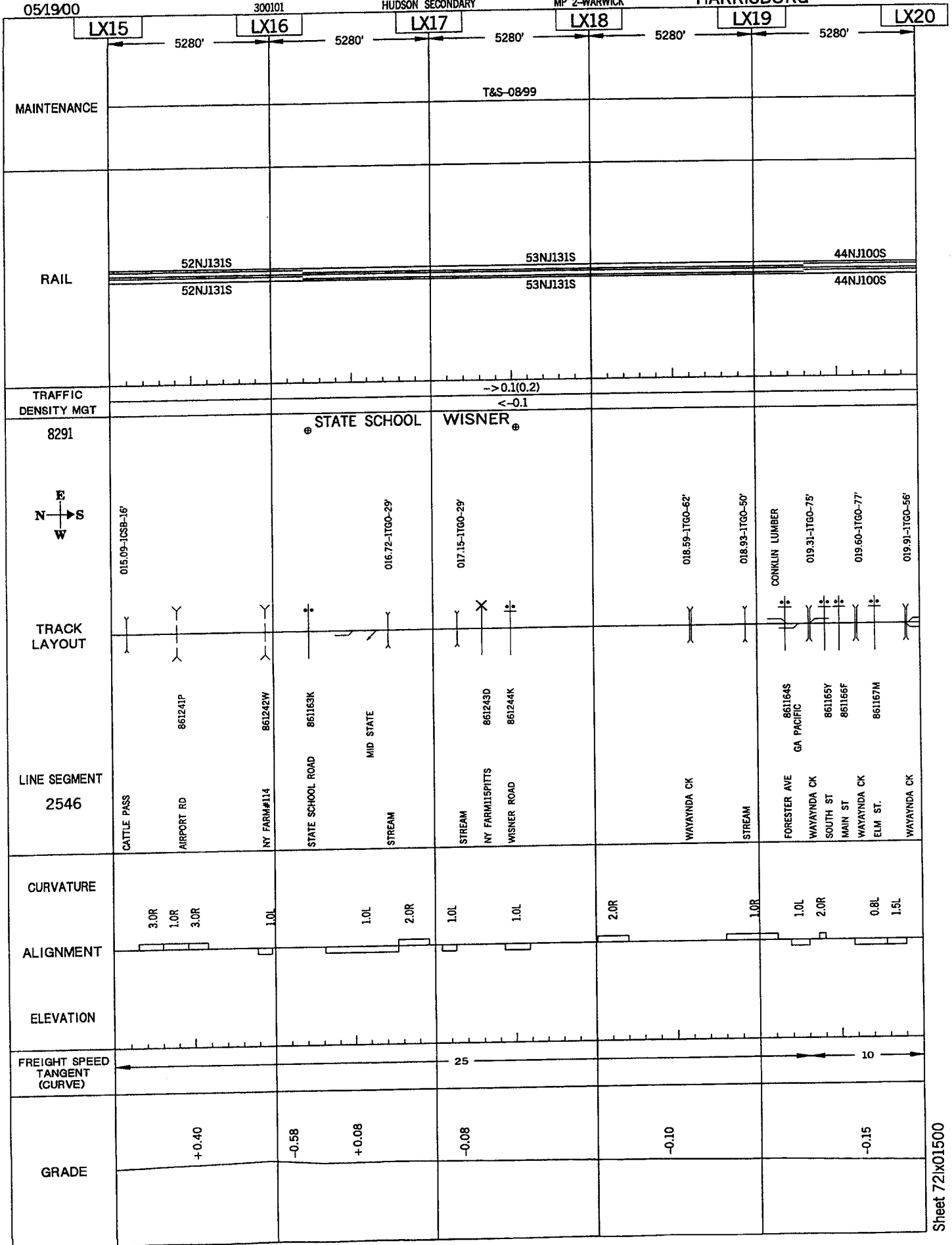
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300101

HUDSON SECONDARY

MP 2-WARWICK

HARRISBURG



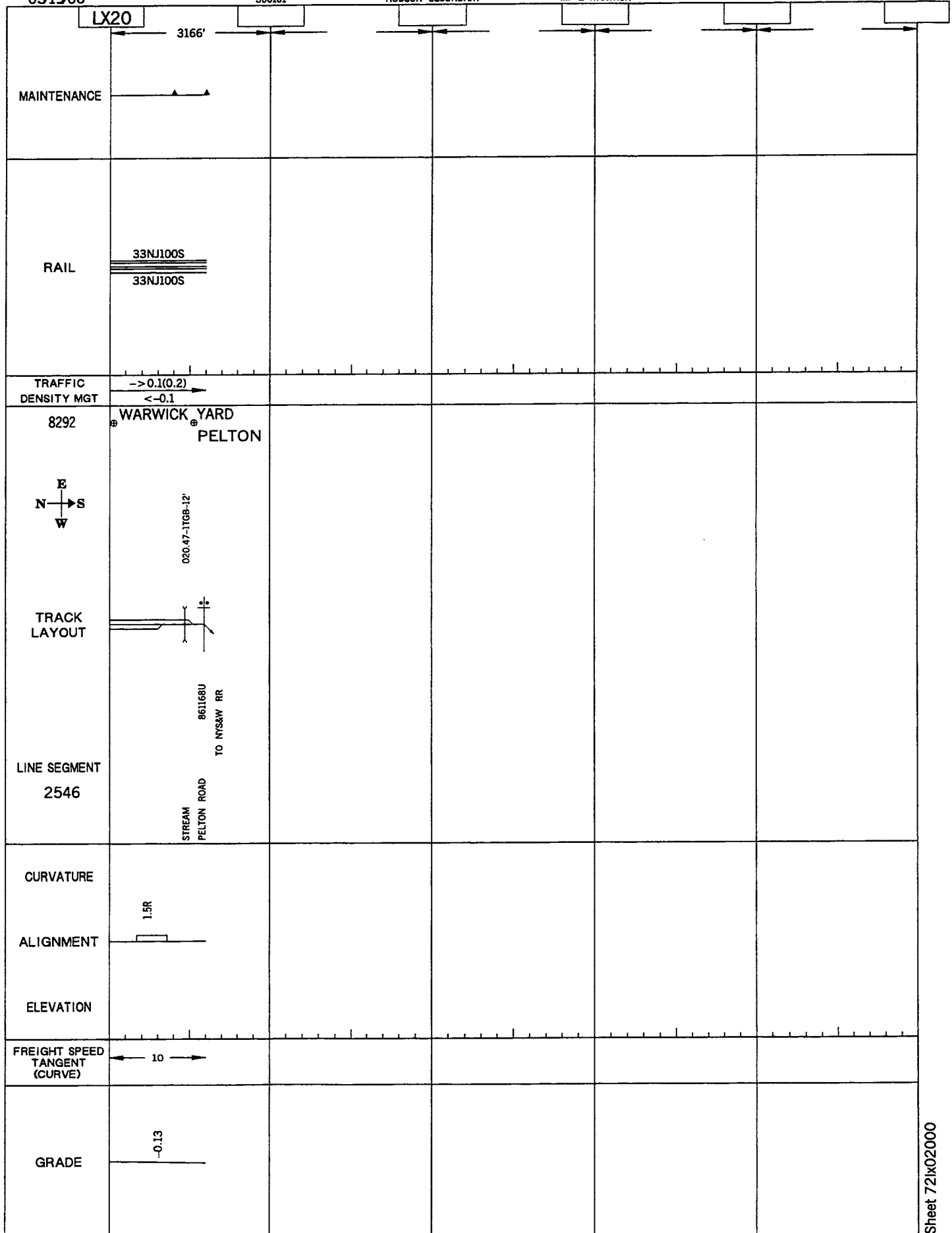
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300101

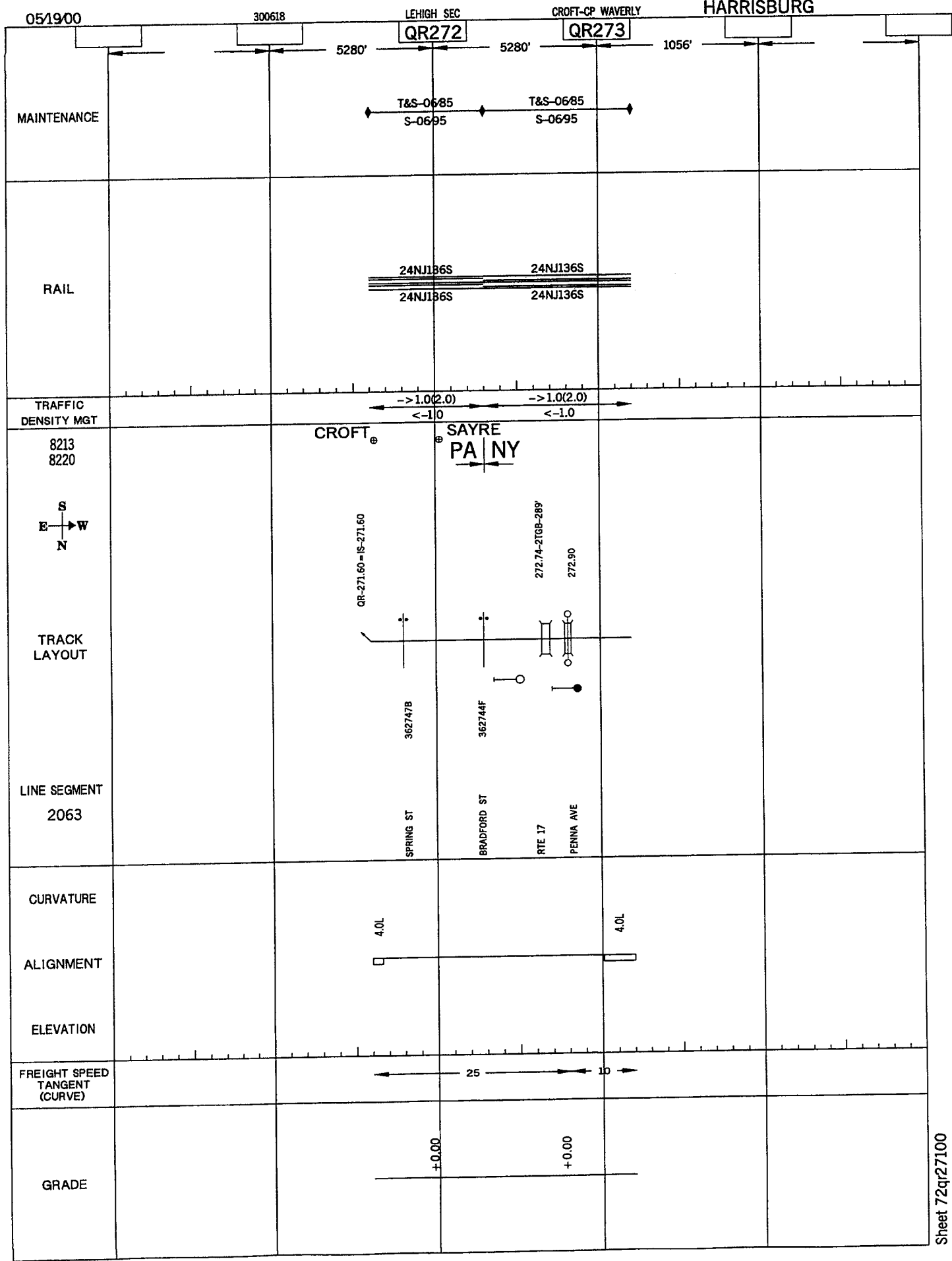
HUDSON SECONDARY

MP 2-WARWICK

HARRISBURG



05/19/00 300618 465 LEHIGH SEC CROFT-CP WAVERLY HARRISBURG



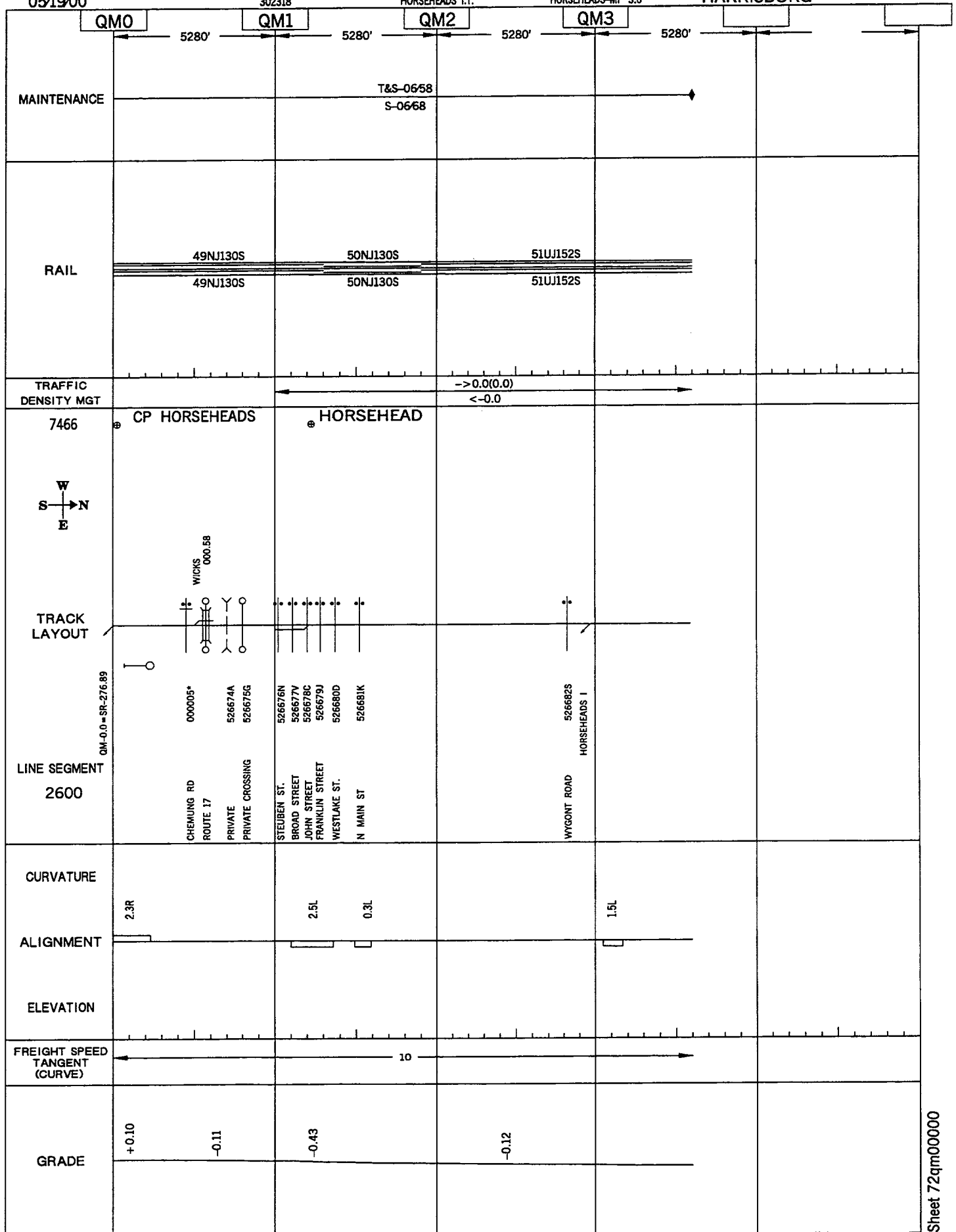
05/19/00

302318

HORSEHEADS I.T.

HORSEHEADS-MP 3.6

HARRISBURG



05/19/00

302322

467

GANG MILL I.T.

CORNING-GANG MILLS

HARRISBURG

TZ72

TZ73

TZ74

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-0676

T&S-0665

S-0674

RAIL

54NJ127S

47NJ127S

50NJ127S

54NJ127S

47NJ127S

50NJ127S

TRAFFIC
DENSITY MGT

->1.9(3.8)

<-1.9

->0.6(1.2)

<-0.6

1250

CORNING ⊕

CP GANG MILLS ⊕

GANG MILLS ⊕

BRIDGE ⊕

E
N → S
W

TRACK
LAYOUT

CORNING GLASS

1+

505505E

BRIDGE ST

TO WCOR RR

LINE SEGMENT
2645

TZ-74.40-SR-293.20

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.03

+0.20

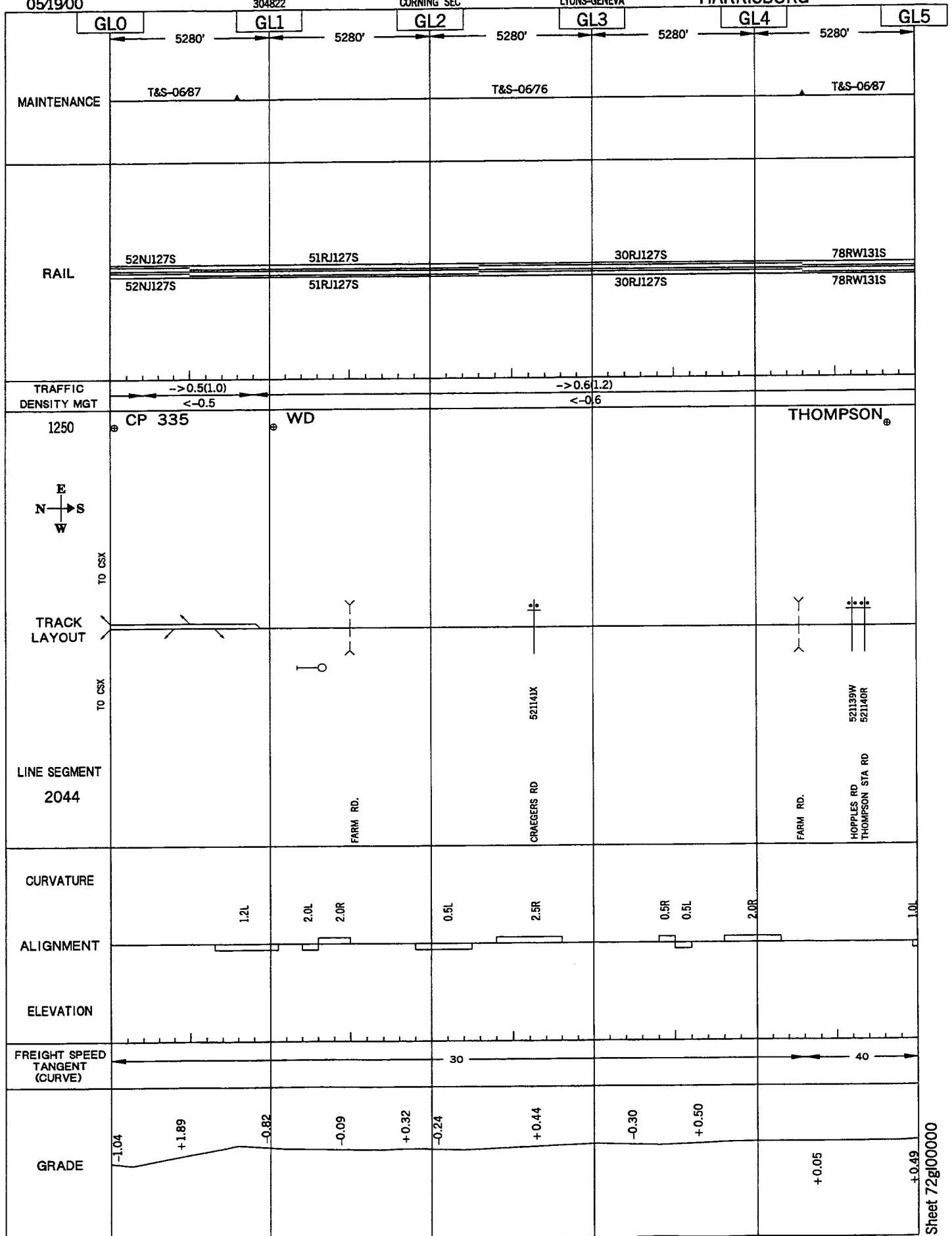
051900

304822

CORNING SEC

LYONS-GENEVA

HARRISBURG



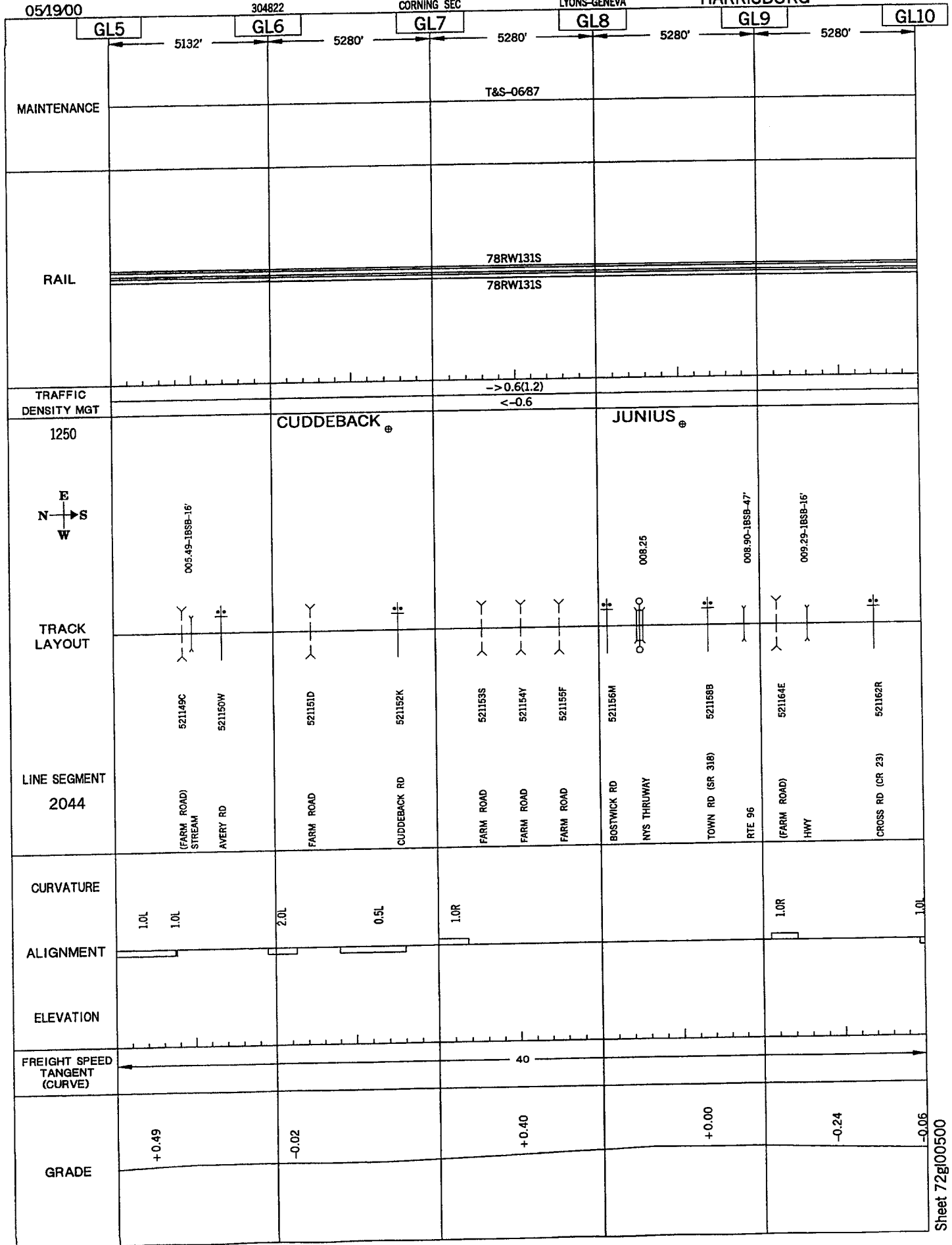
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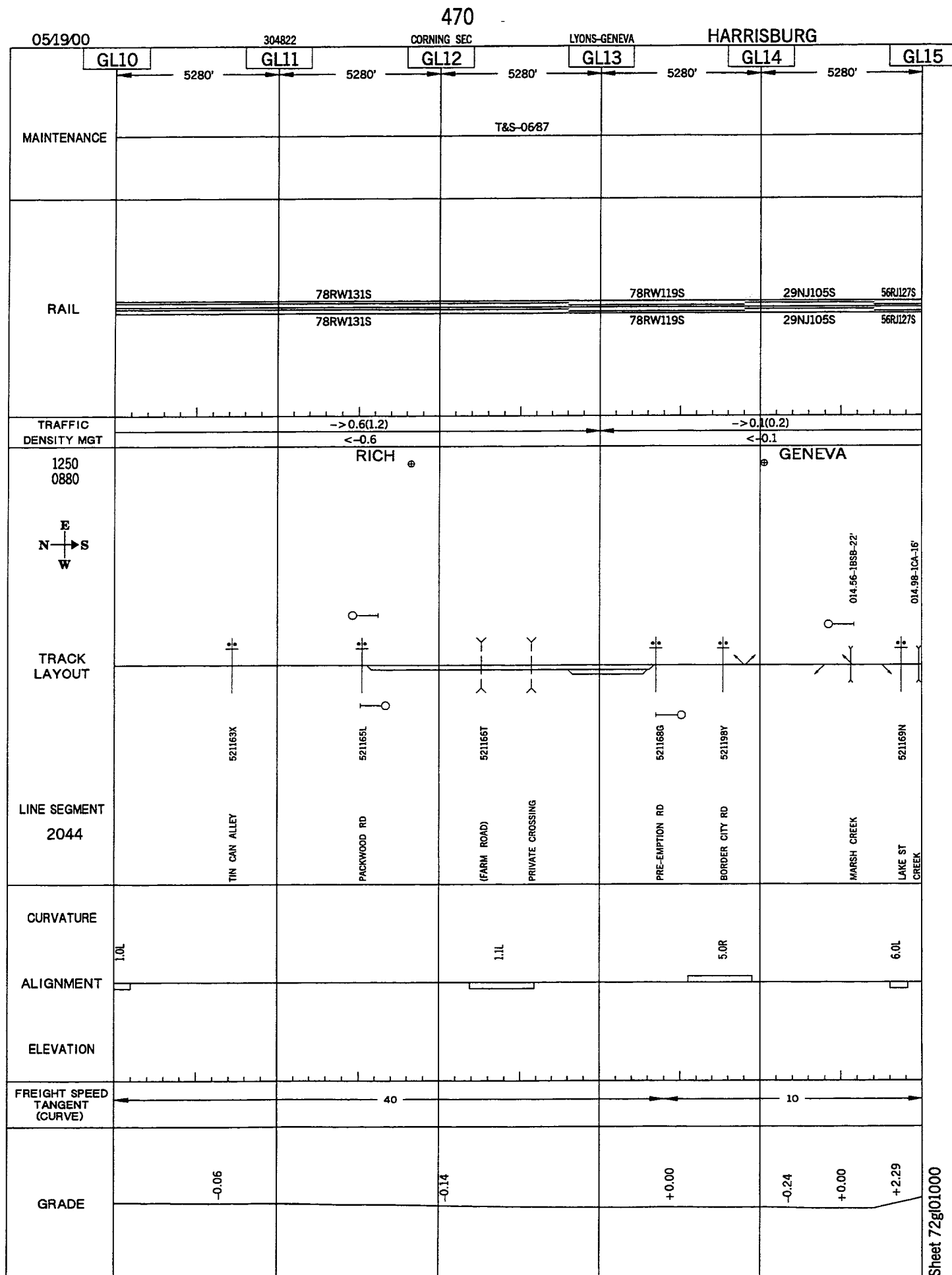
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CORNING SEC

LYONS-GENEVA

HARRISBURG





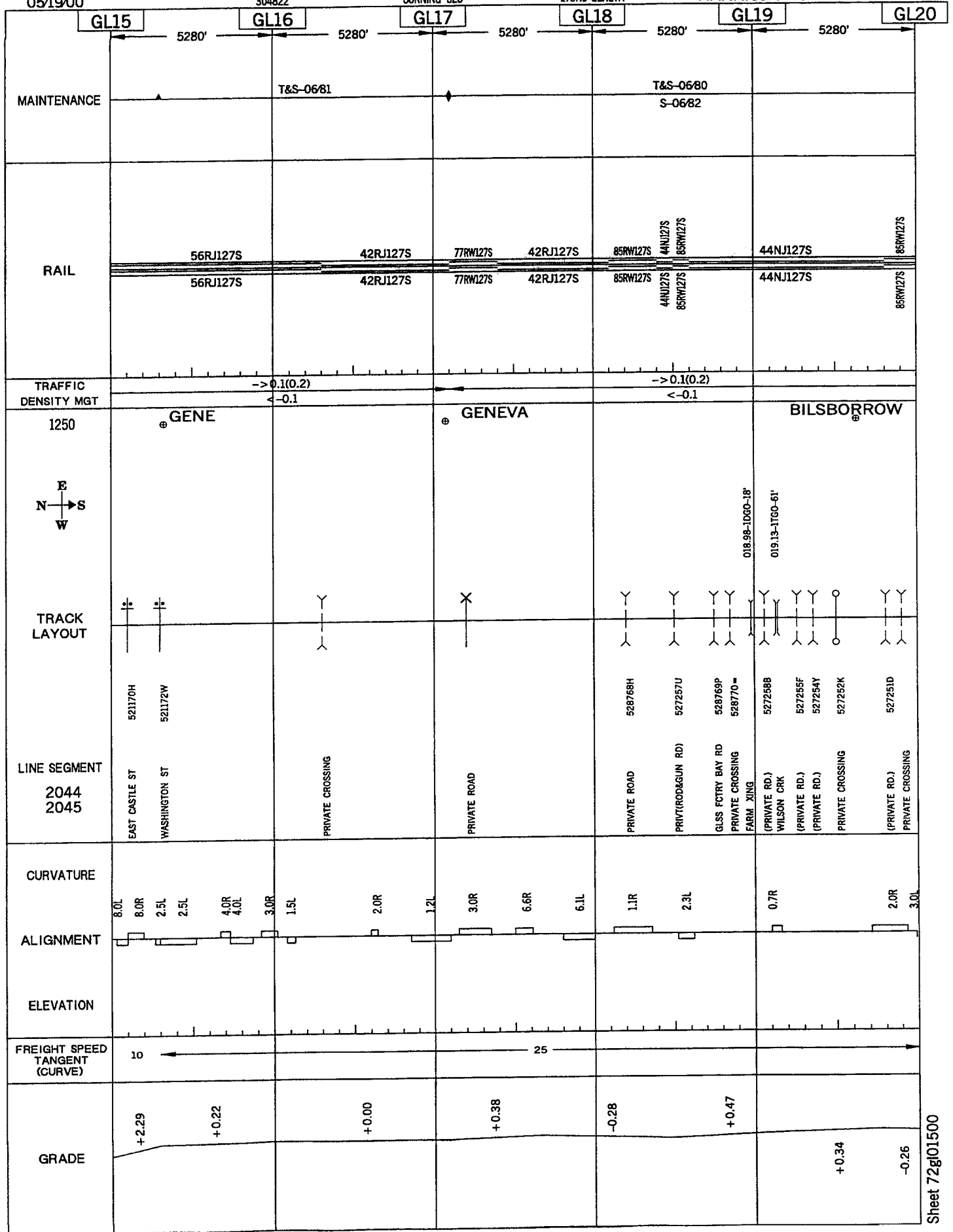
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304822

CORNING SEC

LYONS-GENEVA

HARRISBURG



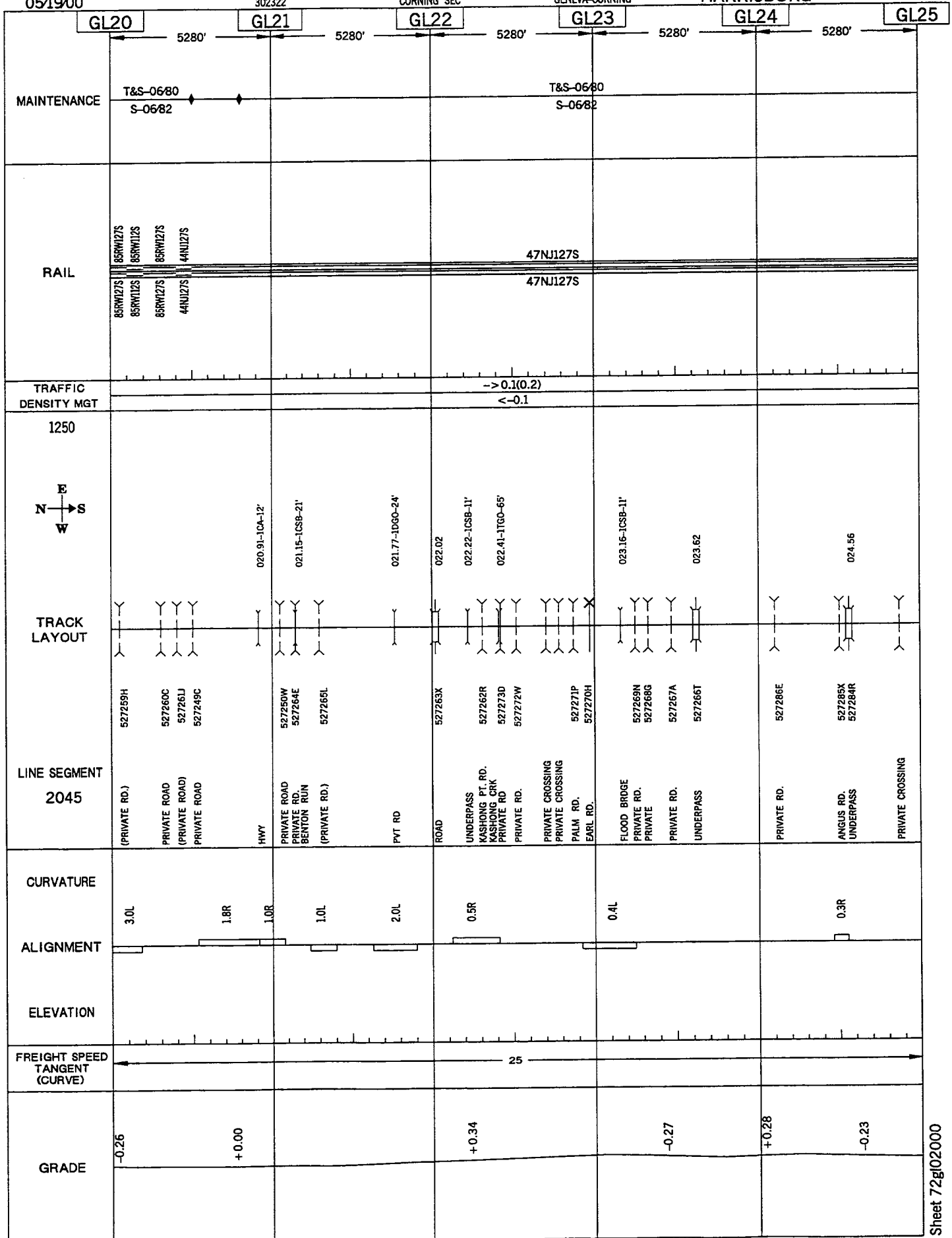
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302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



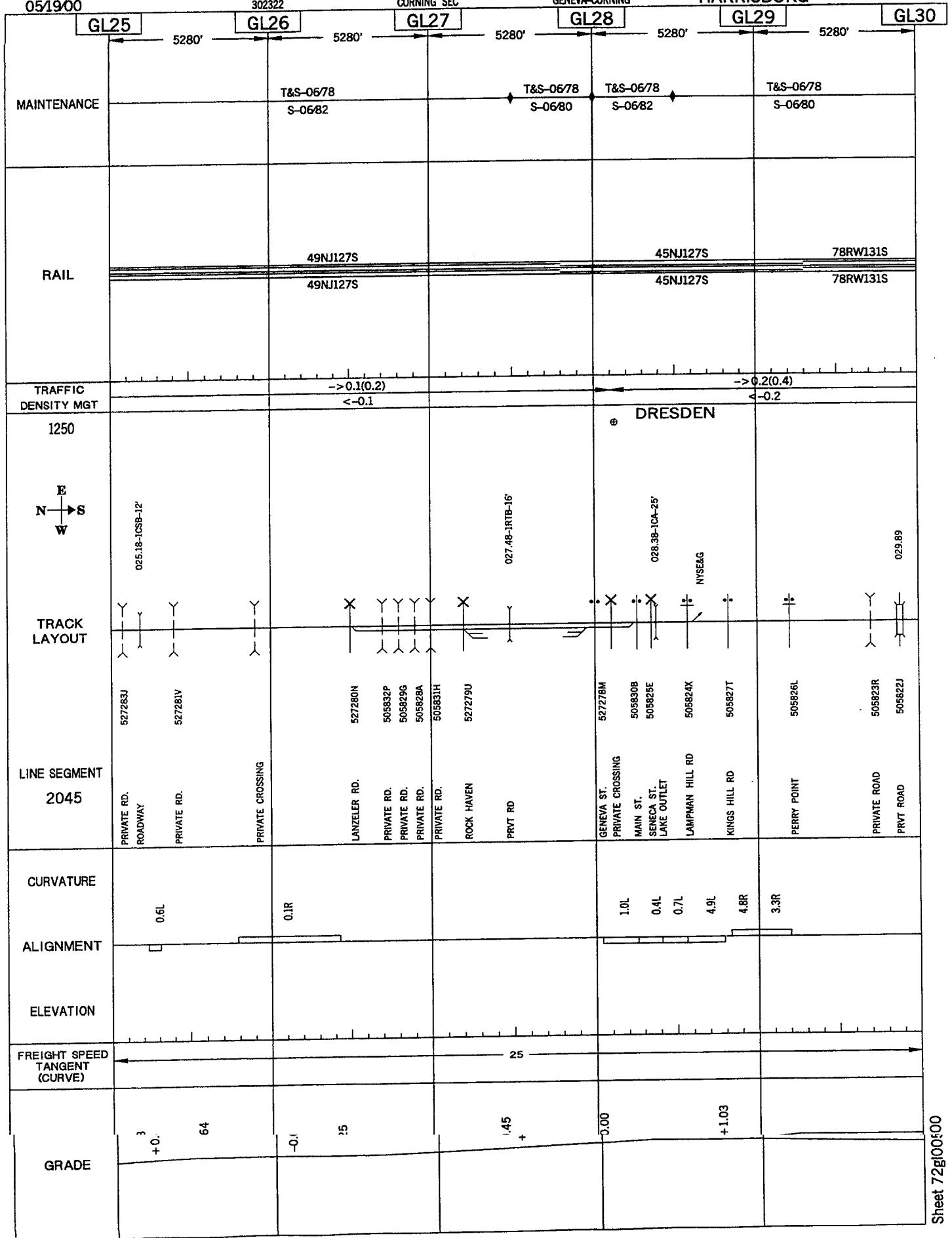
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302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



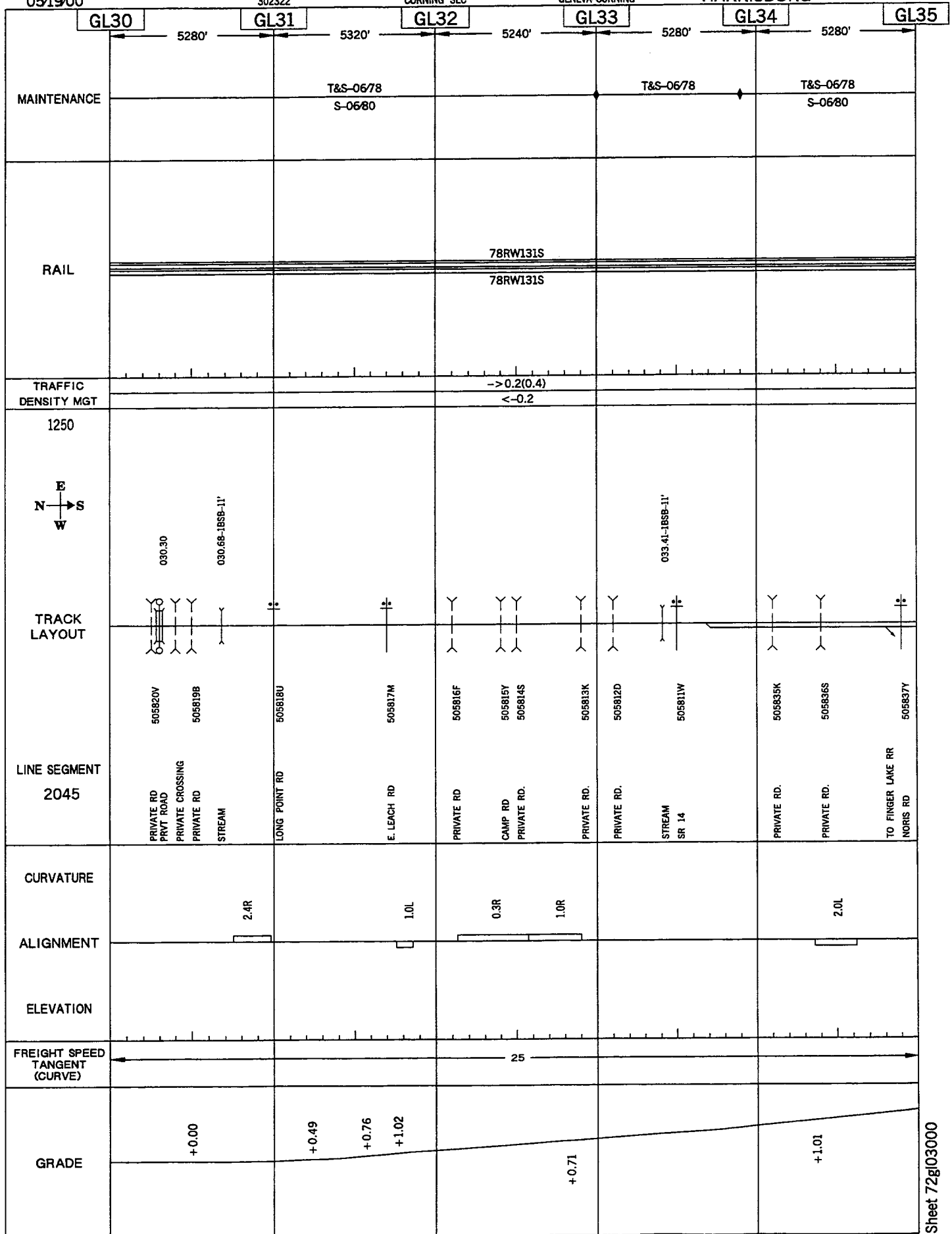
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302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



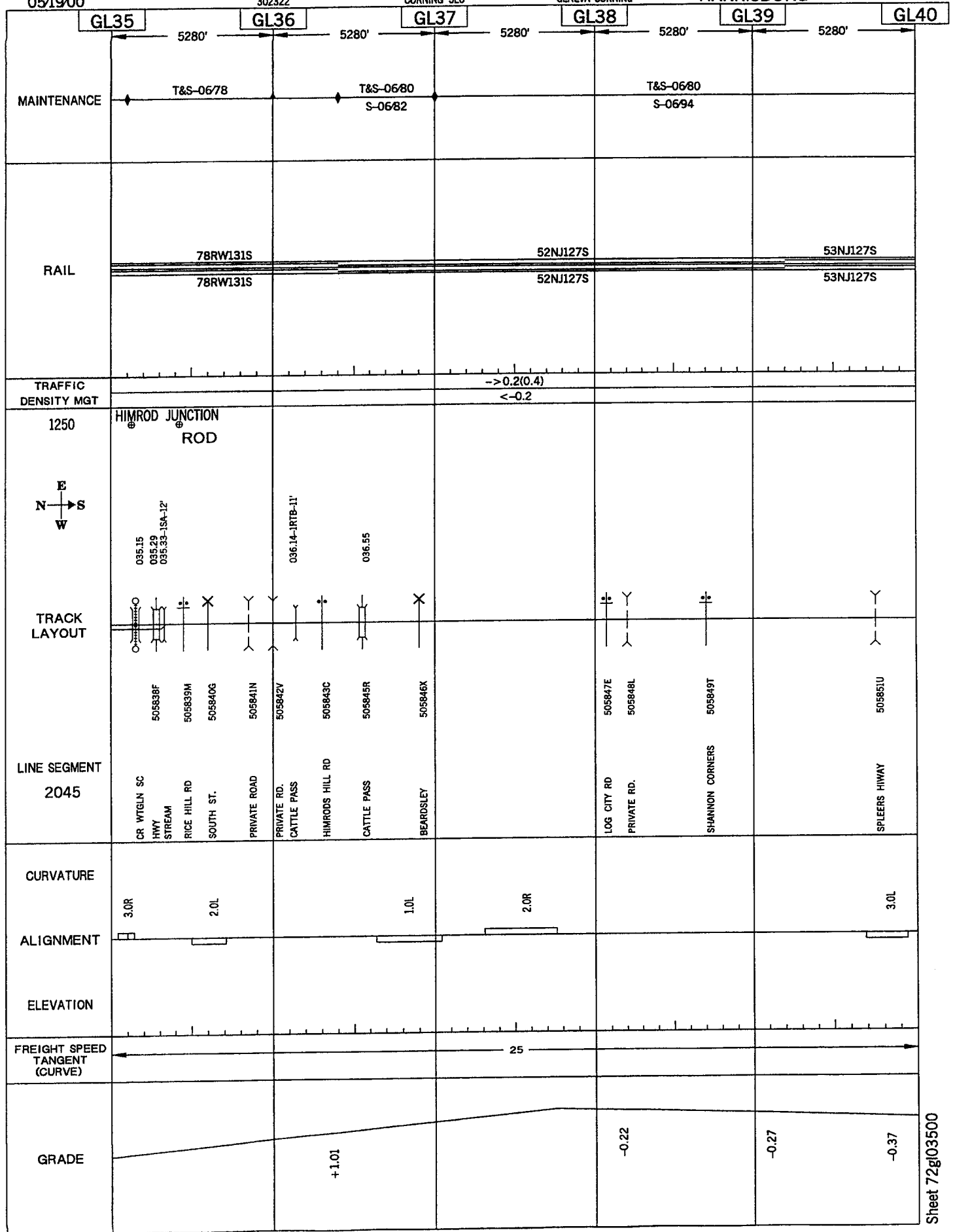
05/1900

302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



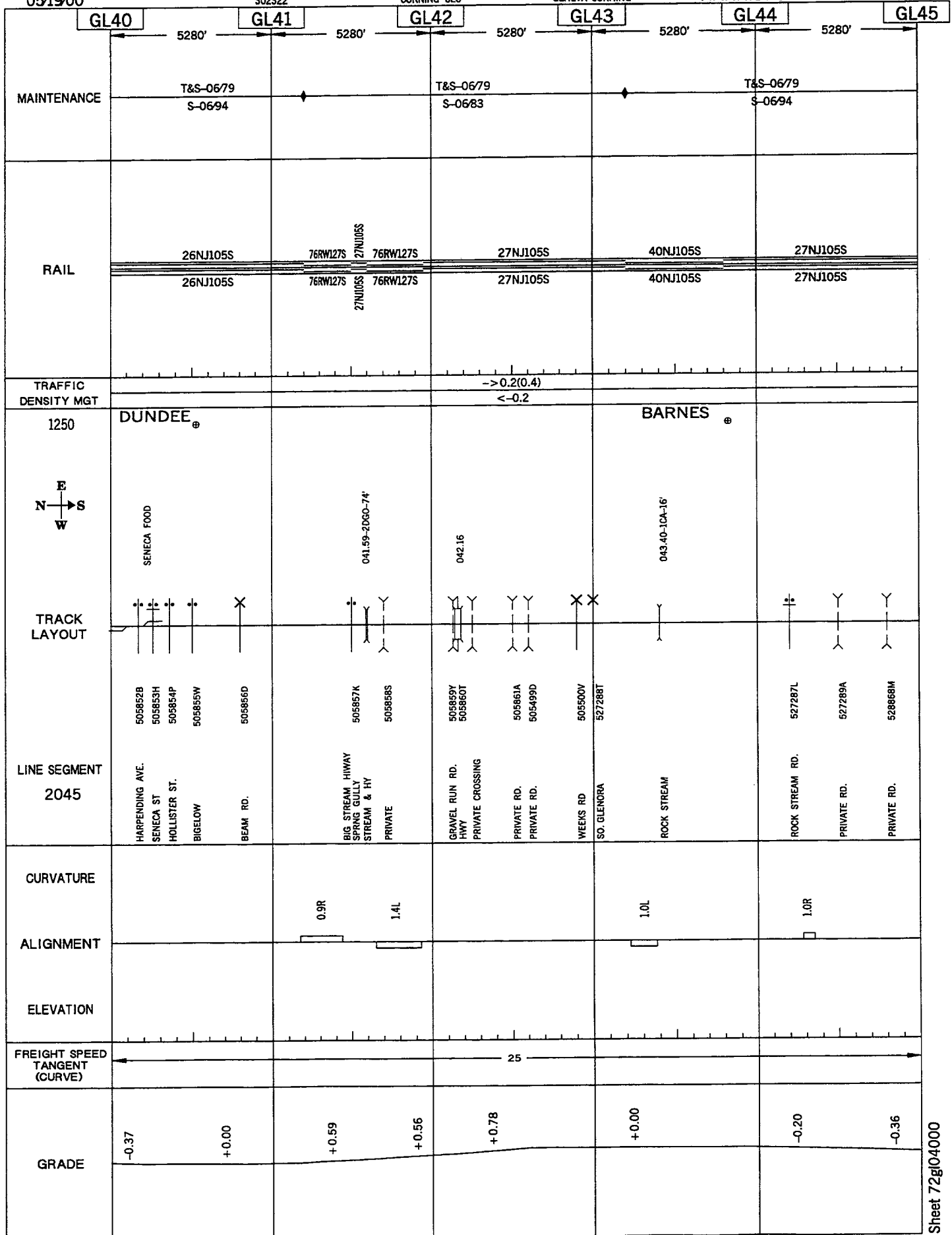
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302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



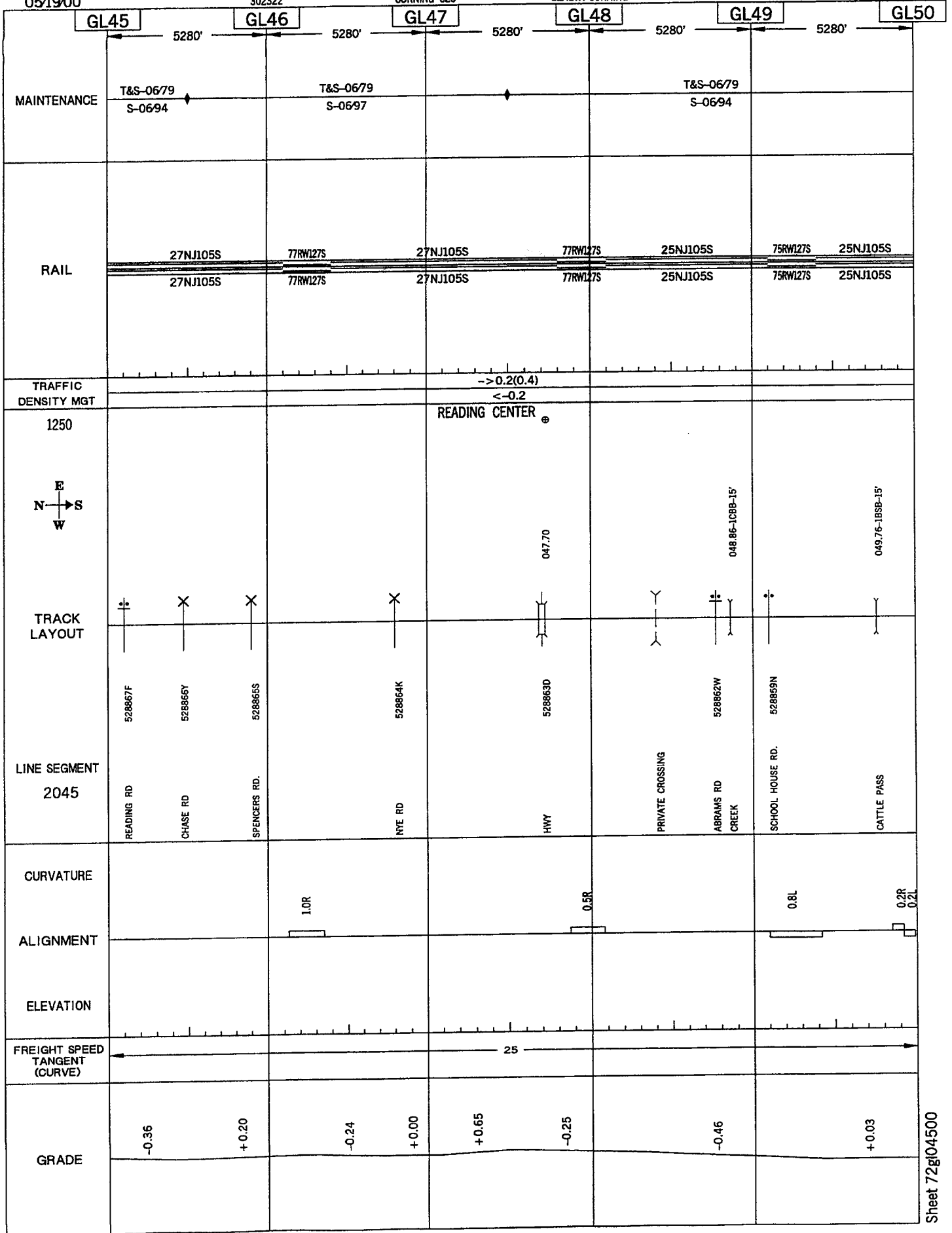
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302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



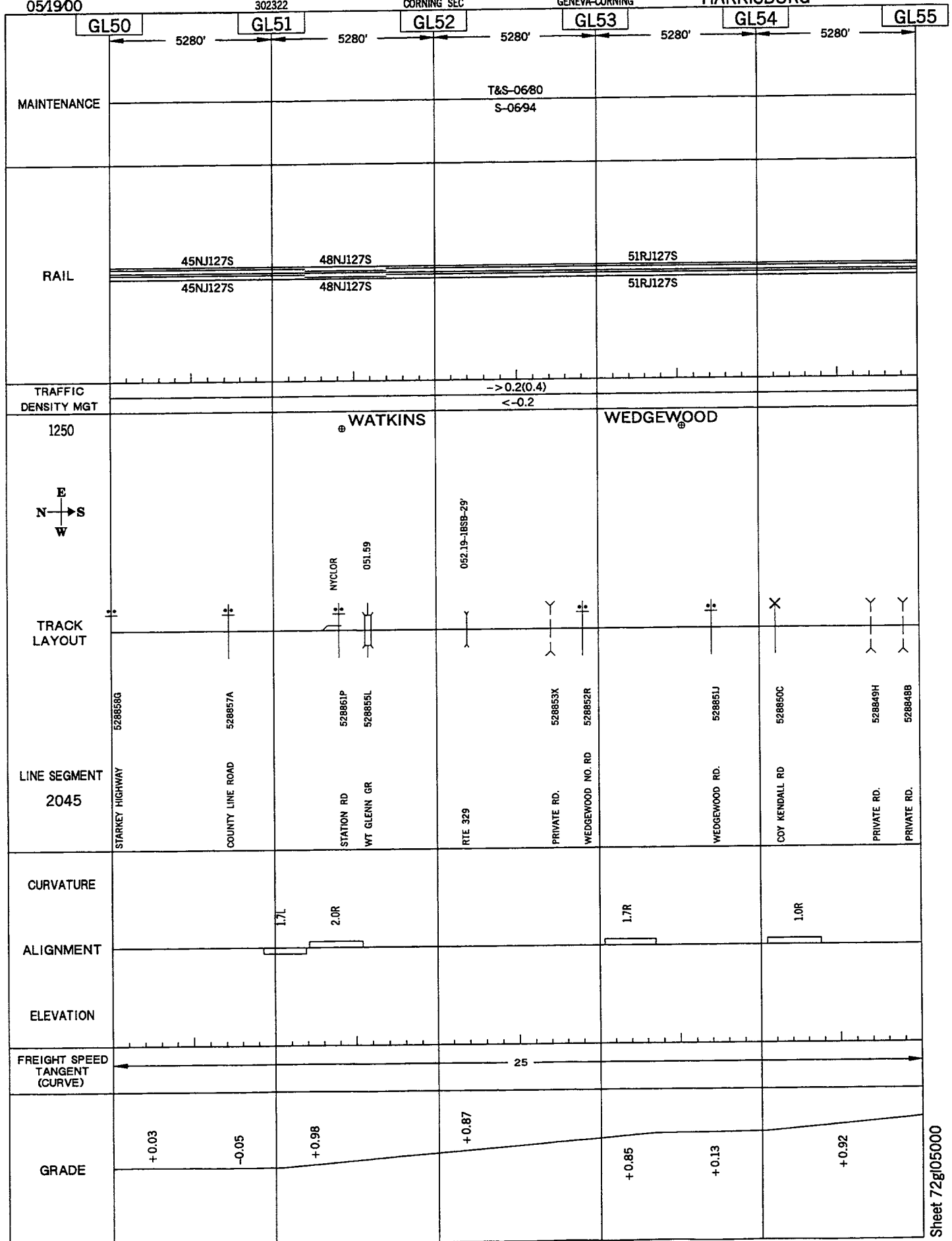
051900

302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



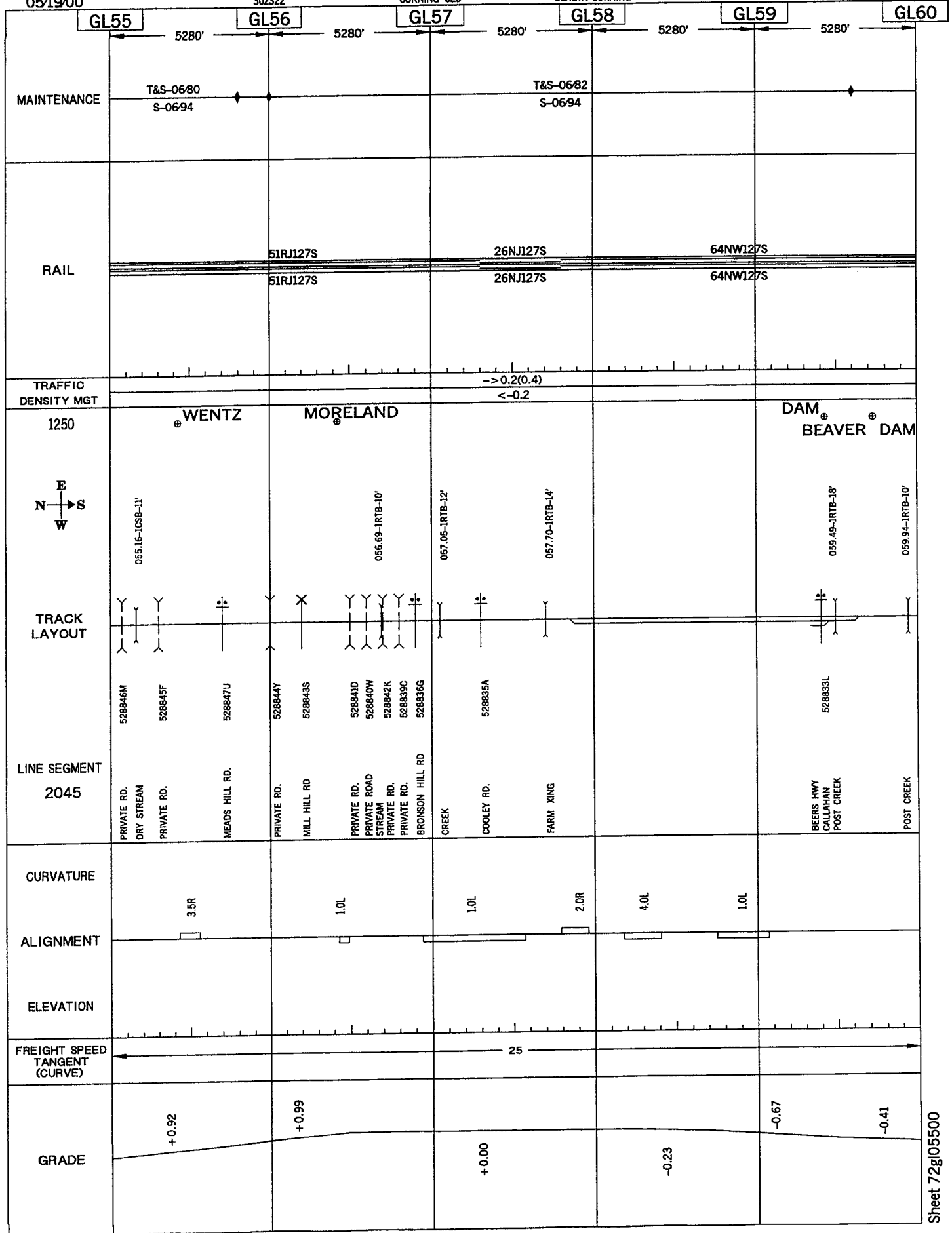
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302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



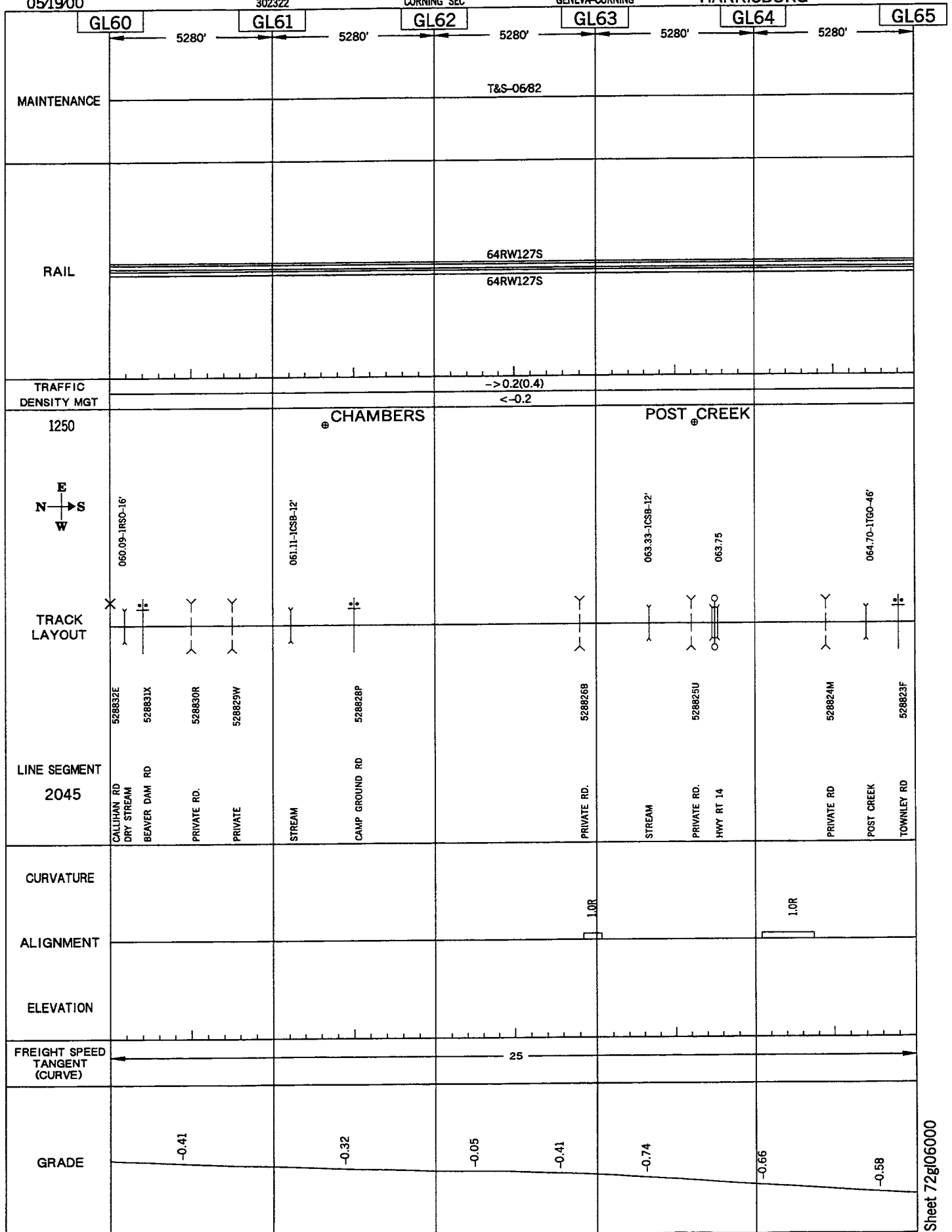
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302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



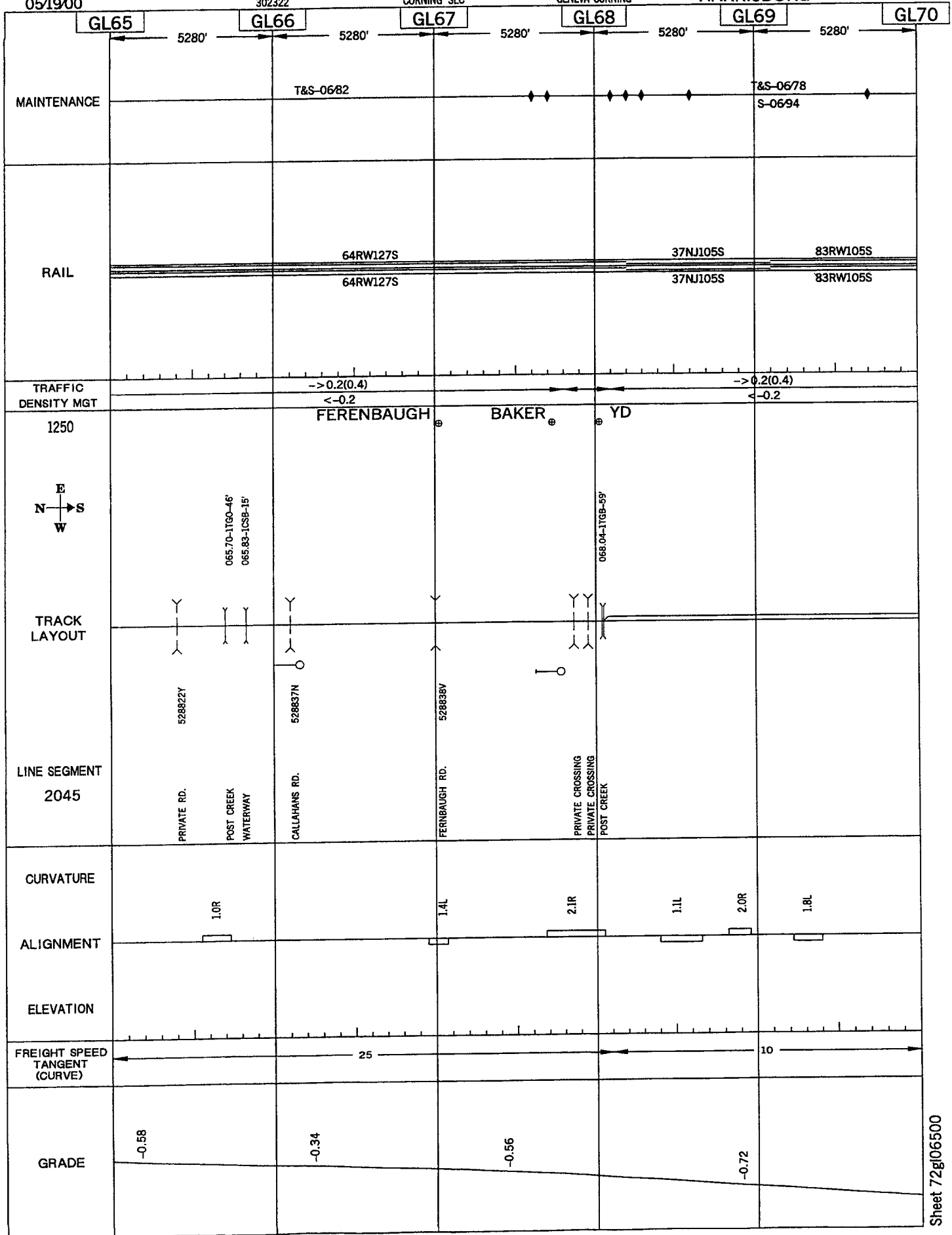
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302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



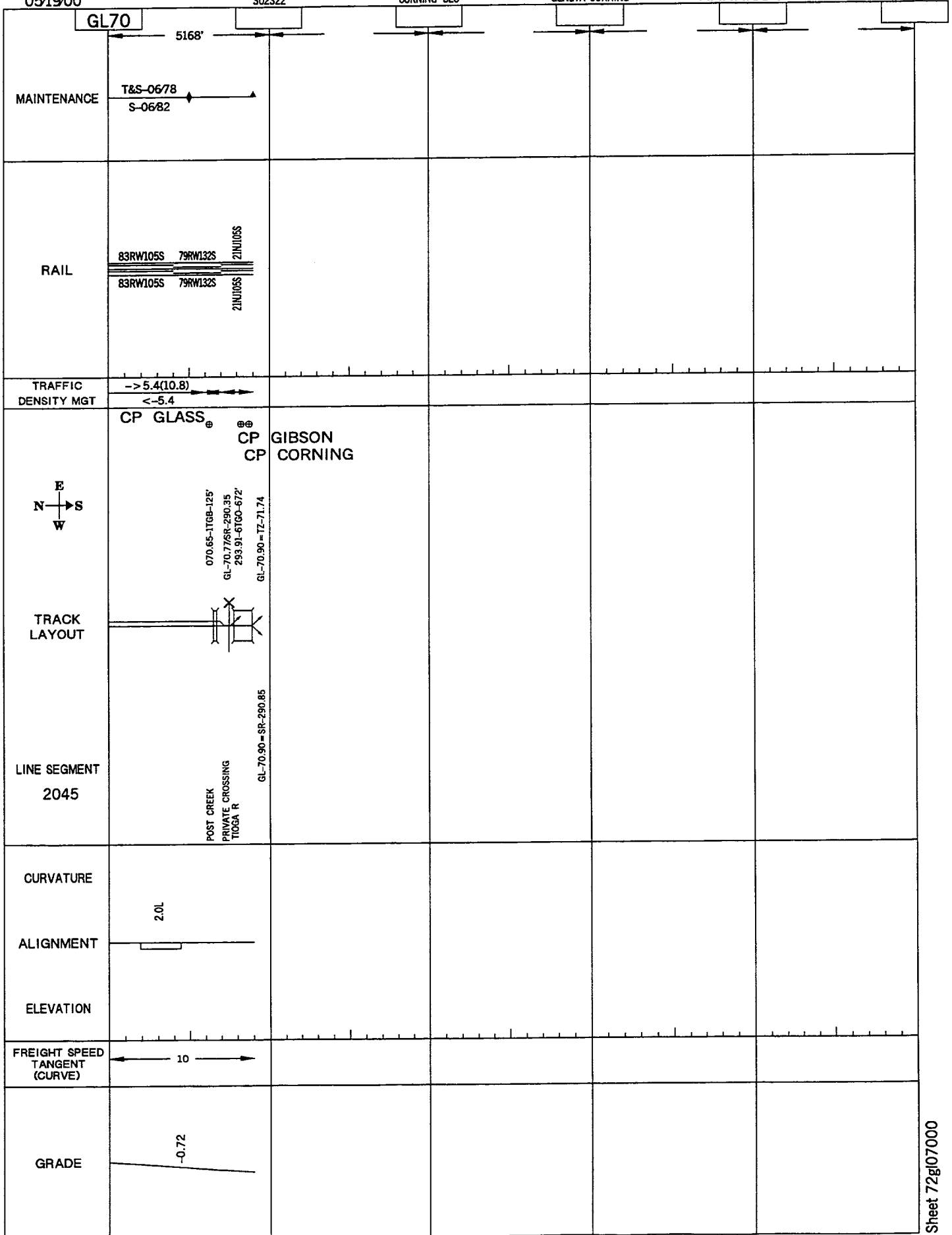
05/19/00

302322

CORNING SEC

GENEVA-CORNING

HARRISBURG



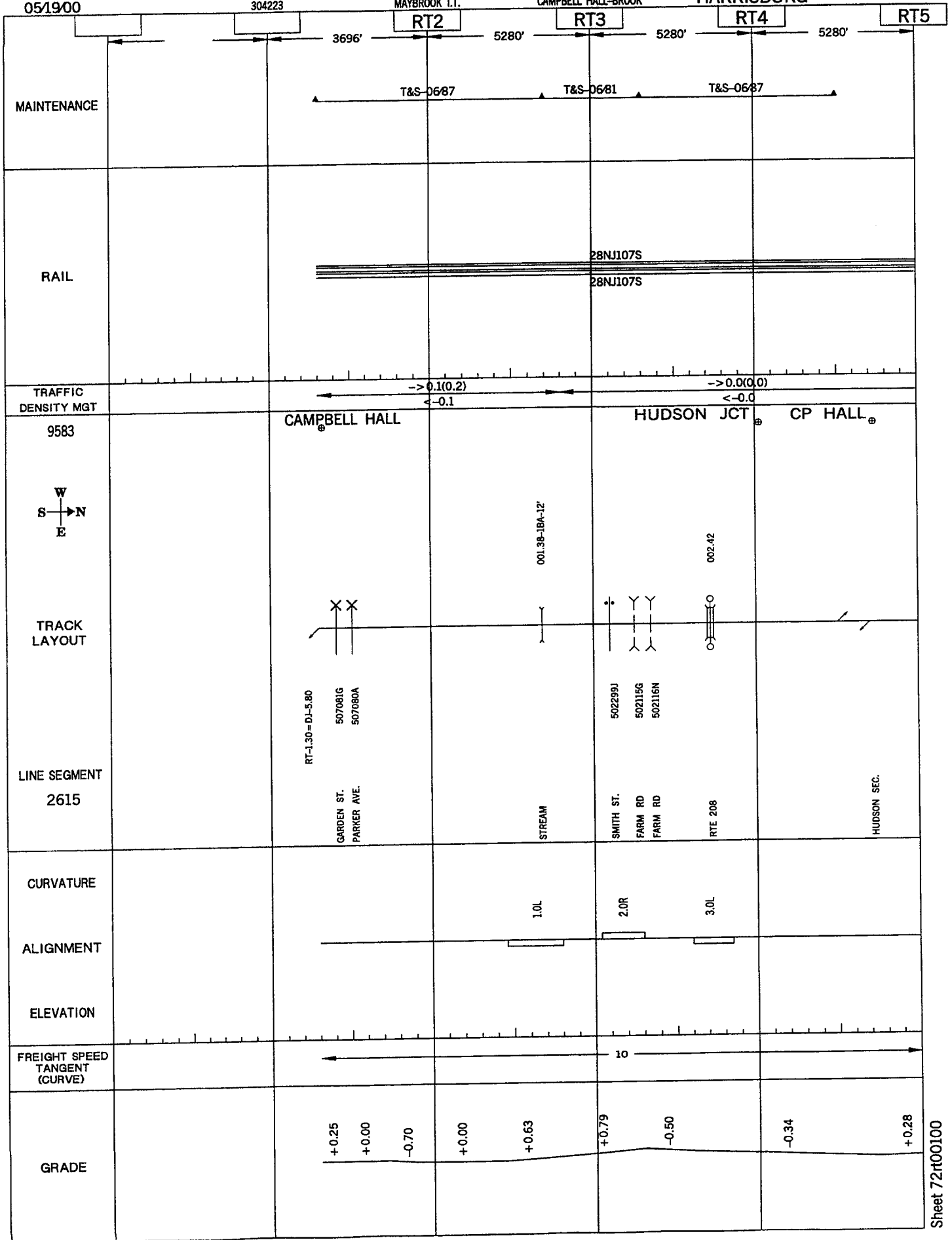
05/19/00

304223

MAYBROOK I.T.

CAMPBELL HALL-BROOK

HARRISBURG



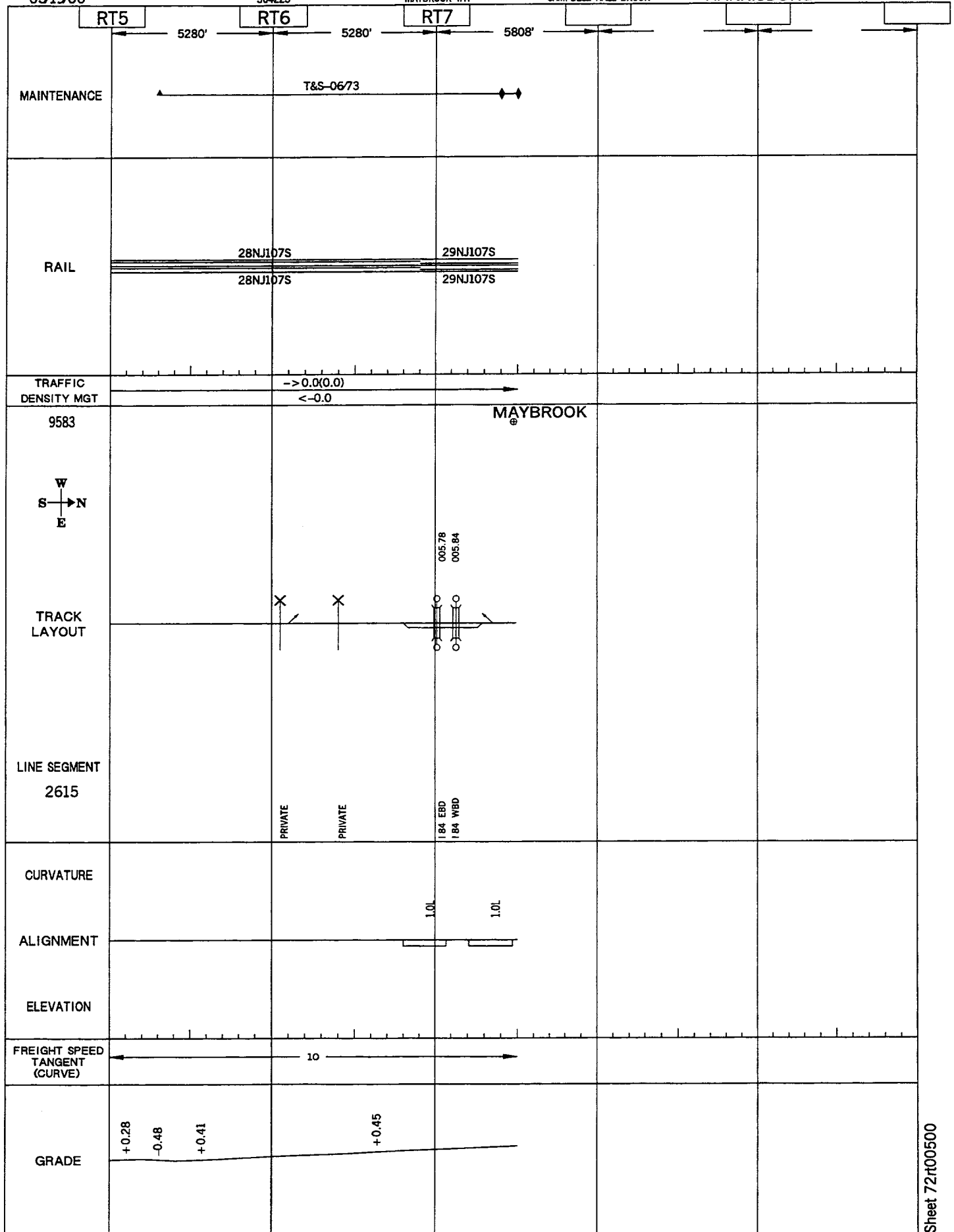
05/19/00

304223

MAYBROOK I.T.

CAMPBELL HALL-BROOK

HARRISBURG



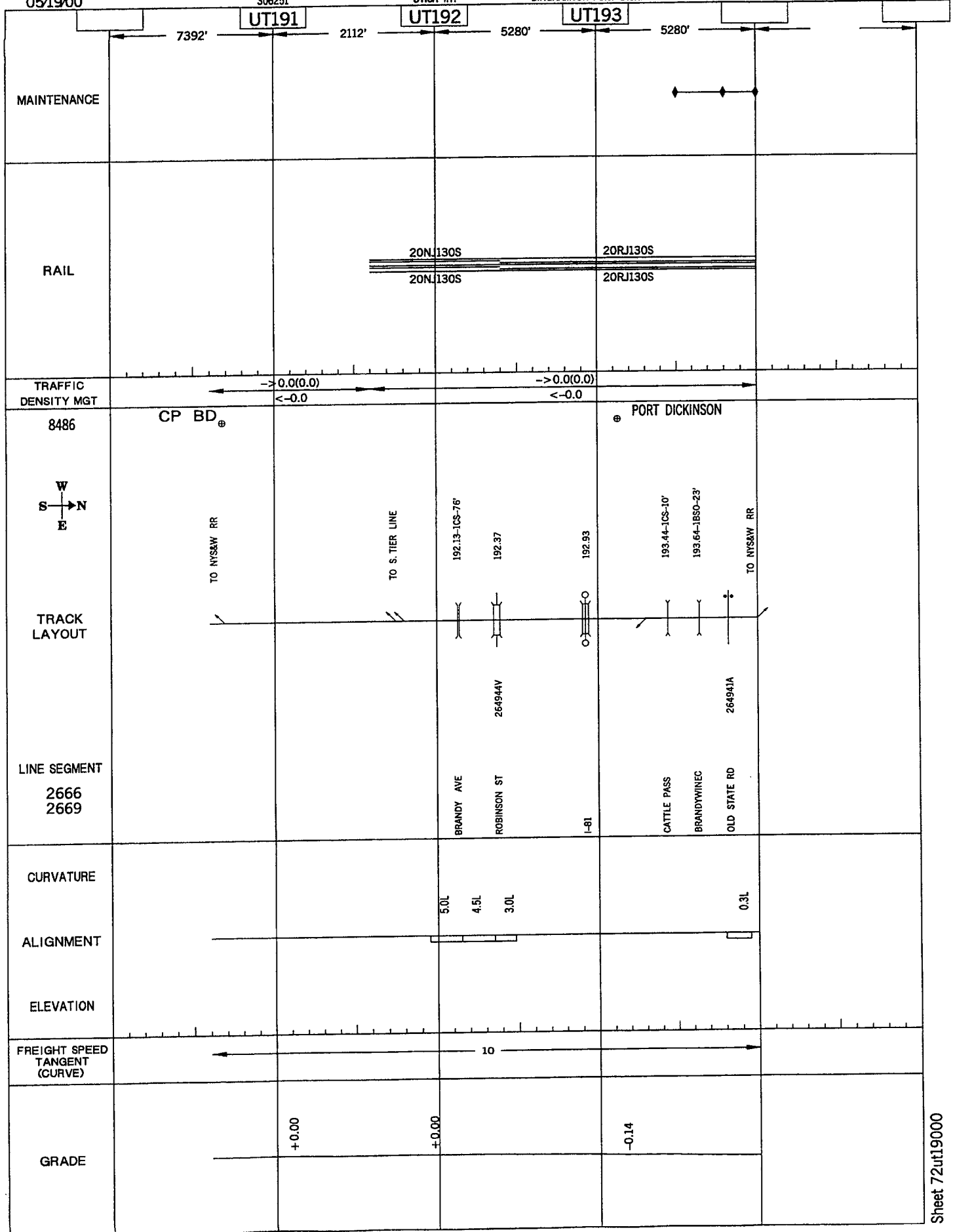
05/1900

306251

UTICA I.T.

BINGHAMTON-PORT DICKINSON

HARRISBURG



05/19/00

306471

PRENATT ST. LEAD (BC RR)

PRENATT ST, BUFFALO

HARRISBURG

	YUO	4752'							
MAINTENANCE									
RAIL									
TRAFFIC DENSITY MGT		--> 0.0(0.0) <-0.0							
24BC		BUFFALO							
<div> <div>N W—+—E S</div> <div>YU-0.04=BR-0.75</div> <div> X TRACK LAYOUT </div> </div>									
LINE SEGMENT 2888		LEE ST							
CURVATURE									
ALIGNMENT		16.8L 2.8L 3.8L 3.2L 0.7R 1.8L 0.1R 0.5L							
ELEVATION									
FREIGHT SPEED TANGENT (CURVE)		10							
GRADE		+0.03							

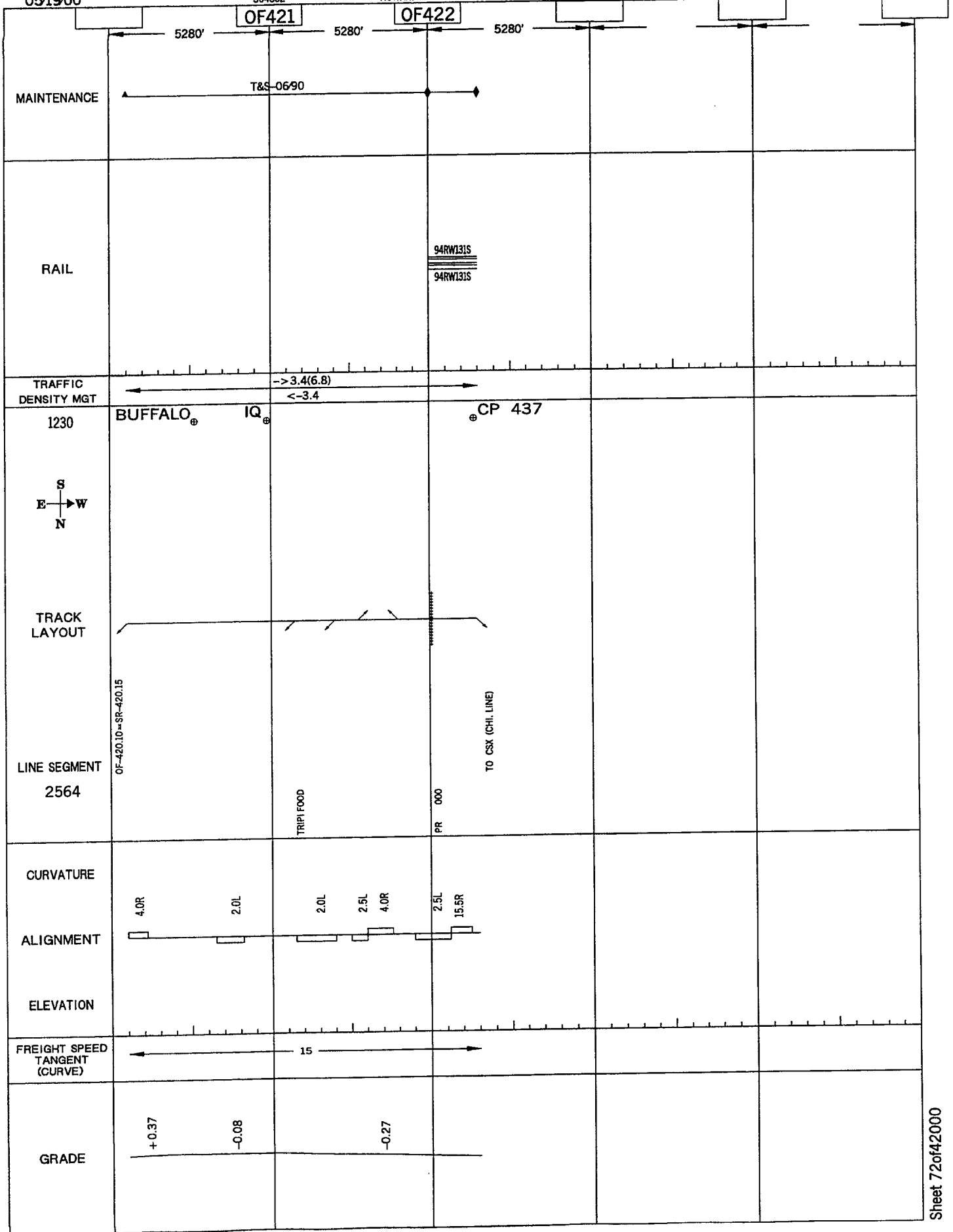
05/19/00

304852

HOWARD STREET R.T.

WILLIAM ST-CP 347

HARRISBURG



488

05/19/00

304855

GARDENVILLE I.T.

CHEEKTOWAGA-GJ

HARRISBURG

VK4

VK5

					528'		5280'	
MAINTENANCE								
RAIL								
TRAFFIC DENSITY MGT							<div> <div>-> 0.0(0.0)</div> <div><- 0.0</div> </div>	
0810							<div> <div>CHEEKTOWAGA</div> <div> <div>H.C.W.</div> <div>519331K</div> </div> </div>	
<div> <div>E</div> <div>N</div> <div>S</div> <div>W</div> </div>								
TRACK LAYOUT								
LINE SEGMENT 2684								PRIVATE CROSSING
CURVATURE								
ALIGNMENT								
ELEVATION								
FREIGHT SPEED TANGENT (CURVE)							10	
GRADE							<div> <div>-0.19</div> <div>+0.07</div> </div>	

051900

304855

GARDENVILLE I.T.

CHEEKTOWAGA-GJ

HARRISBURG

VK5

4488'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

-> 0.0(0.0)
< -0.0
CP GJ

E
N → S
W

005.64-2TGO-170'

TRACK
LAYOUT

LINE SEGMENT
2684

CLINTON ST. 519390D

BUFFALO CRK
INDIAN CHURCH RD 519389J

VK-5.85 = BR-5.97

CURVATURE

1.0L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.07

MAINTENANCE					
RAIL					
TRAFFIC DENSITY MGT					
TRACK LAYOUT					
LINE SEGMENT					
CURVATURE					
ALIGNMENT					
ELEVATION					
FREIGHT SPEED TANGENT (CURVE)					
GRADE					

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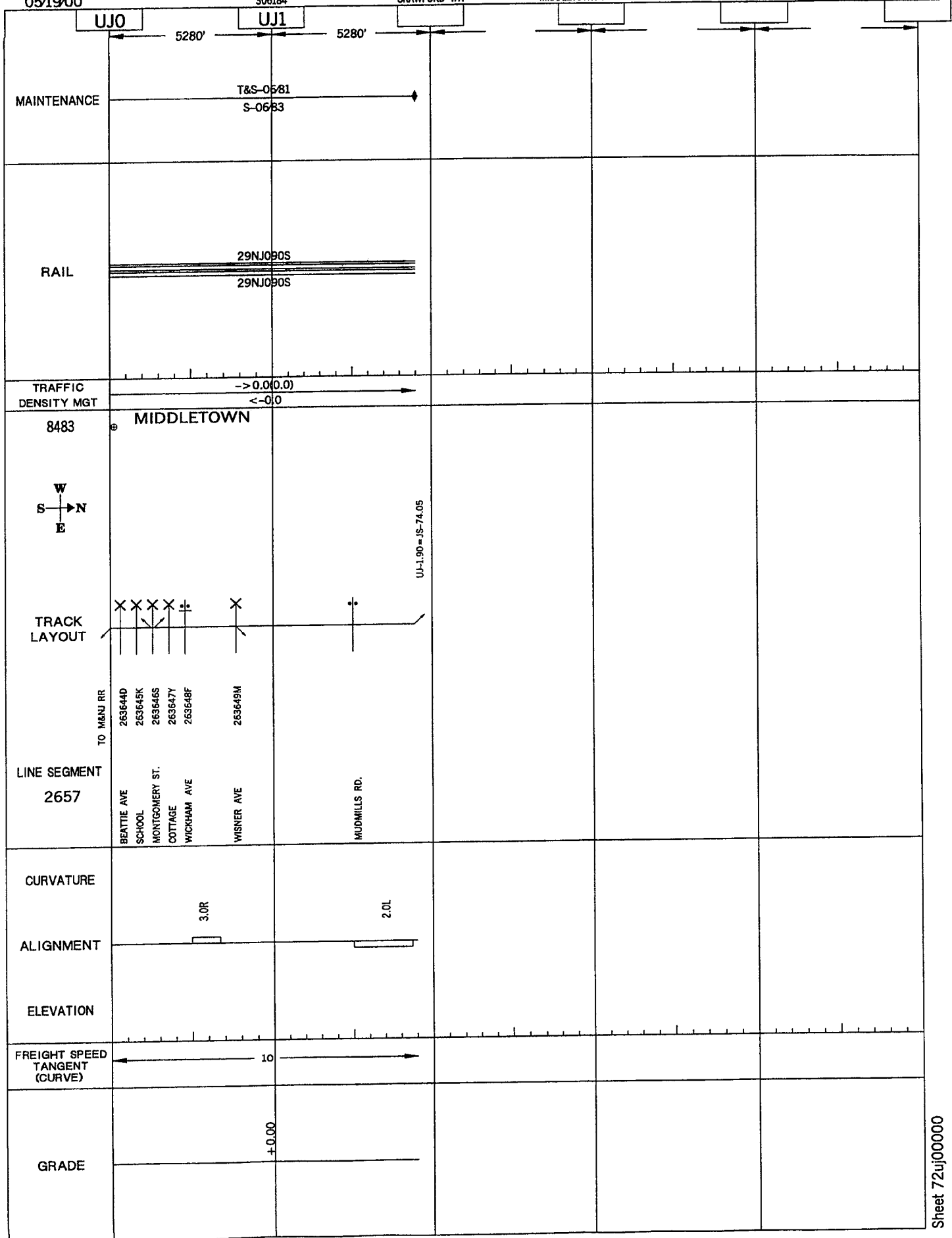
051900

306184

CRAWFORD I.T.

MIDDLETOWN-FAIR OAK

HARRISBURG



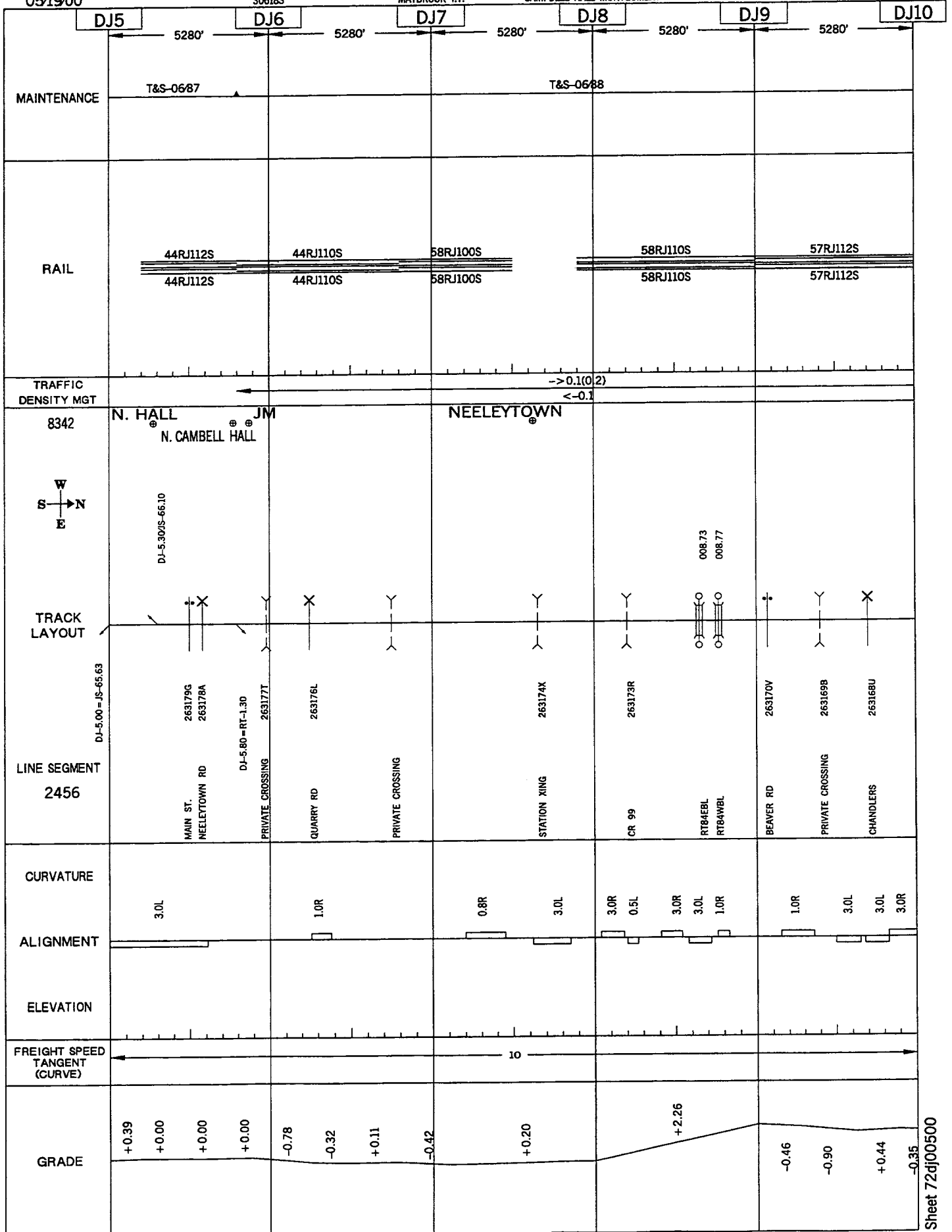
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306183

MAYBROOK I.T.

CAMPBELL HALL-MONTGOMERY

HARRISBURG



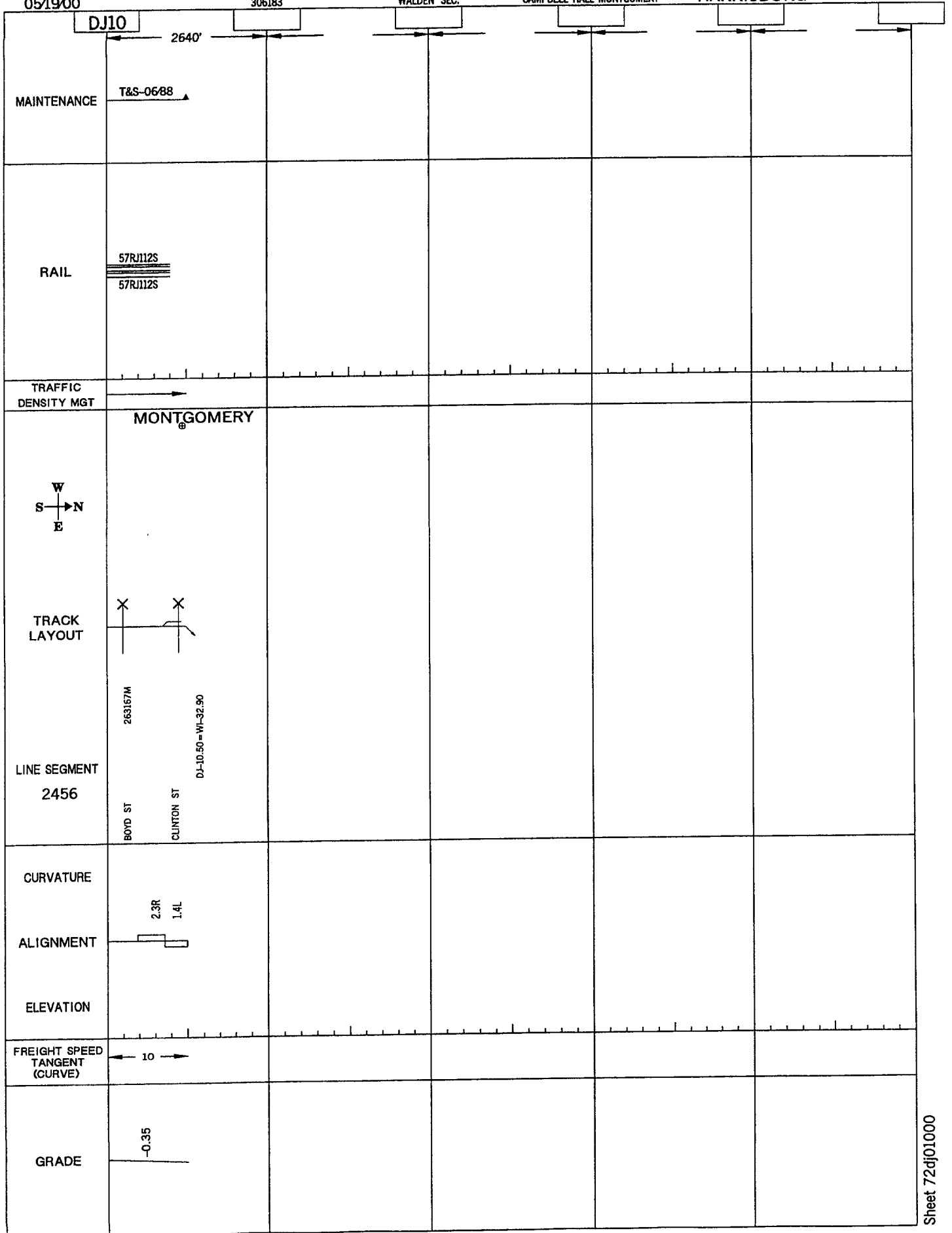
05/19/00

306183

WALDEN SEC.

CAMPBELL HALL-MONTGOMERY

HARRISBURG



051900

301435

WALDEN SEC.

WALDEN-MONTGOMERY

HARRISBURG

WI30

5280'

T&S-06/77

MAINTENANCE

RAIL

24NJ105S
53NJ127S
53NJ127S
24NJ105S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)
<- -0.0

1170

E
N — S
W

TRACK
LAYOUT

INTST. PKG.
029.89

LINE SEGMENT
2864

526511R
526512X
GRANT ST
COLDENHAM RD
ROUTE 208

CURVATURE

ALIGNMENT

ELEVATION

2.0R
2.0L

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+1.07
-0.23
+0.98

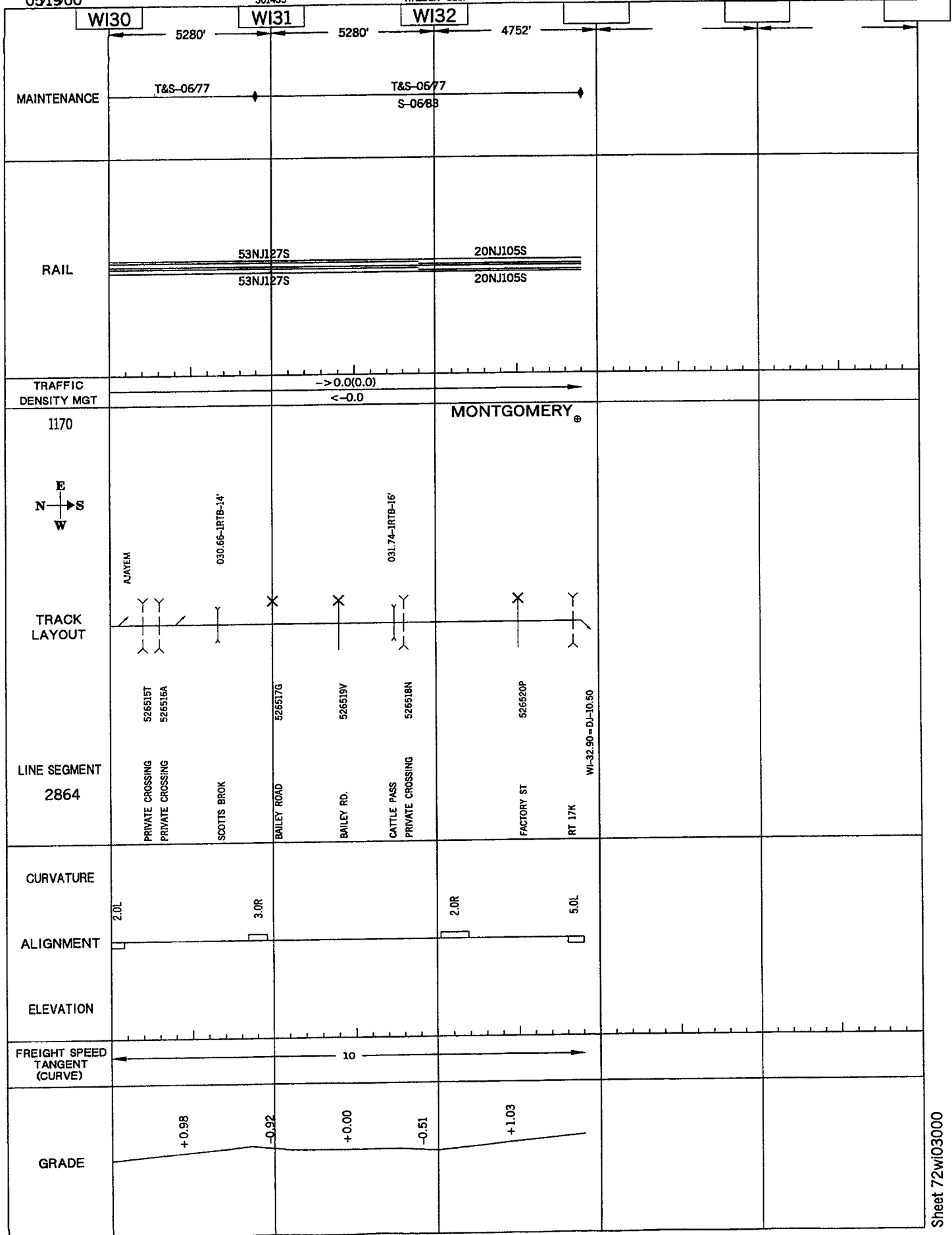
051900

301435

WALDEN SEC.

WALDEN-MONTGOMERY

HARRISBURG



496

05/19/00

306304

KENNEDY VALVE SPUR

KENNEDY VALVE-LENNOX AVE

HARRISBURG

KV250

5280'

MAINTENANCE

RAIL

31NJ131S

31NJ131S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)

<- -0.0

S
E → W
N

TRACK
LAYOUT

KV-249.55 - SR-272.63

265934T

265935A

WOODLAWN AVE

WESTSIDE AVE.

LINE SEGMENT
2540

CURVATURE

2.0R
2.0L

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+ 0.00

Sheet 72kv24900

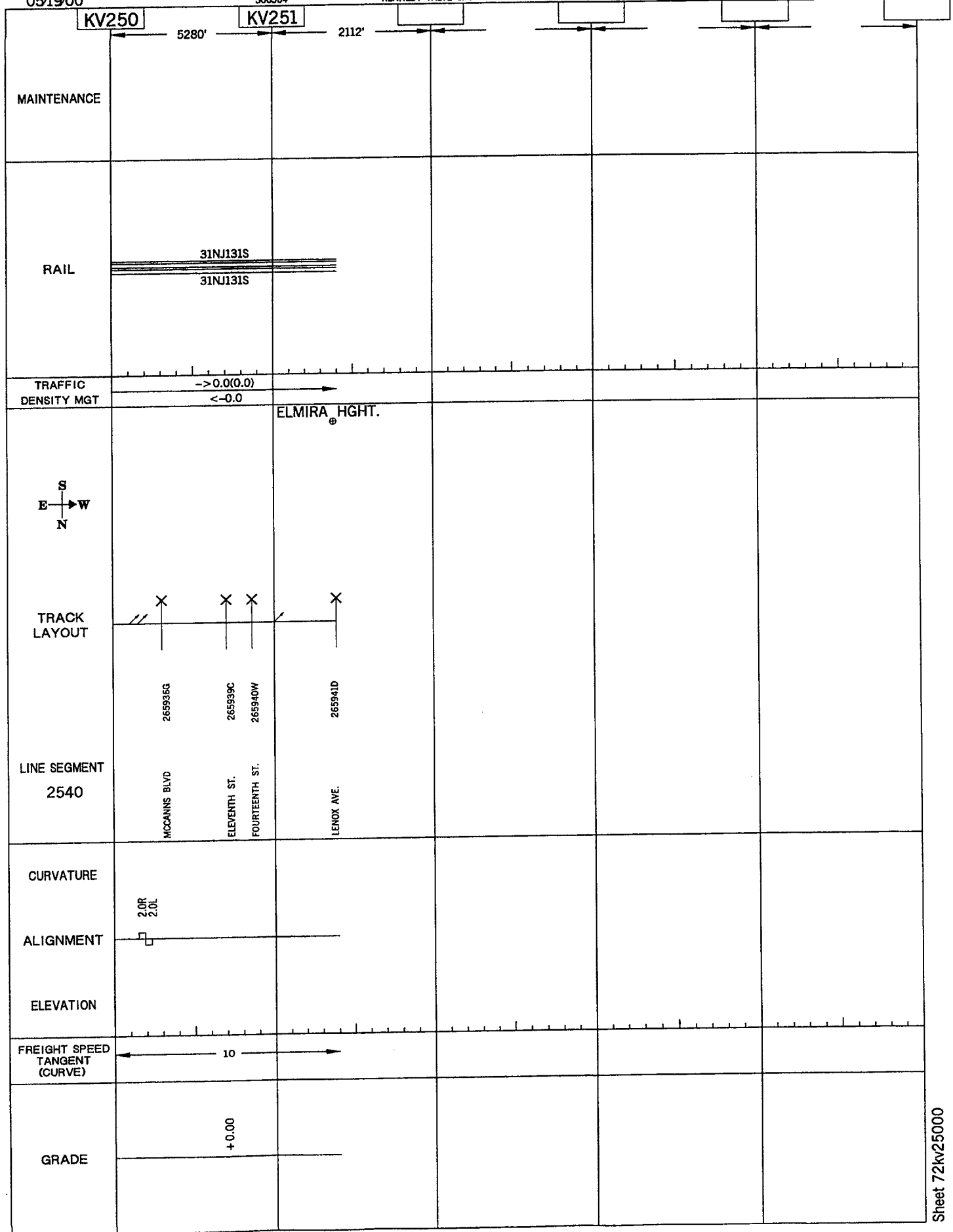
05/19/00

306304

KENNEDY VALVE SPUR

KENNEDY VALVE-LENNOX AVE

HARRISBURG



051900

306351

VESTAL I.T.

BINGHAMTON-WILLOW PT

HARRISBURG

VT193

VT194

VT195

5280'

5280'

5280'

T&S-0697

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

-> 0.0(0.0)
^ -0.0

CP JOHNSON

JOHNSON CITY

S
E — W
N

TRACK
LAYOUT

VT-192.80 ~ H-192.80

193.33-4CS-67'

193.62

193.91

199.11

194.93-1CS-25'

LINE SEGMENT
2855

GLENWOOD AV

263953R

263955E

263954X

263956L

263957T

NYSEG

RTE 201

RIVERSIDE D

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

0.9R

1.7L

10

GRADE

-0.35

+0.07

+0.38

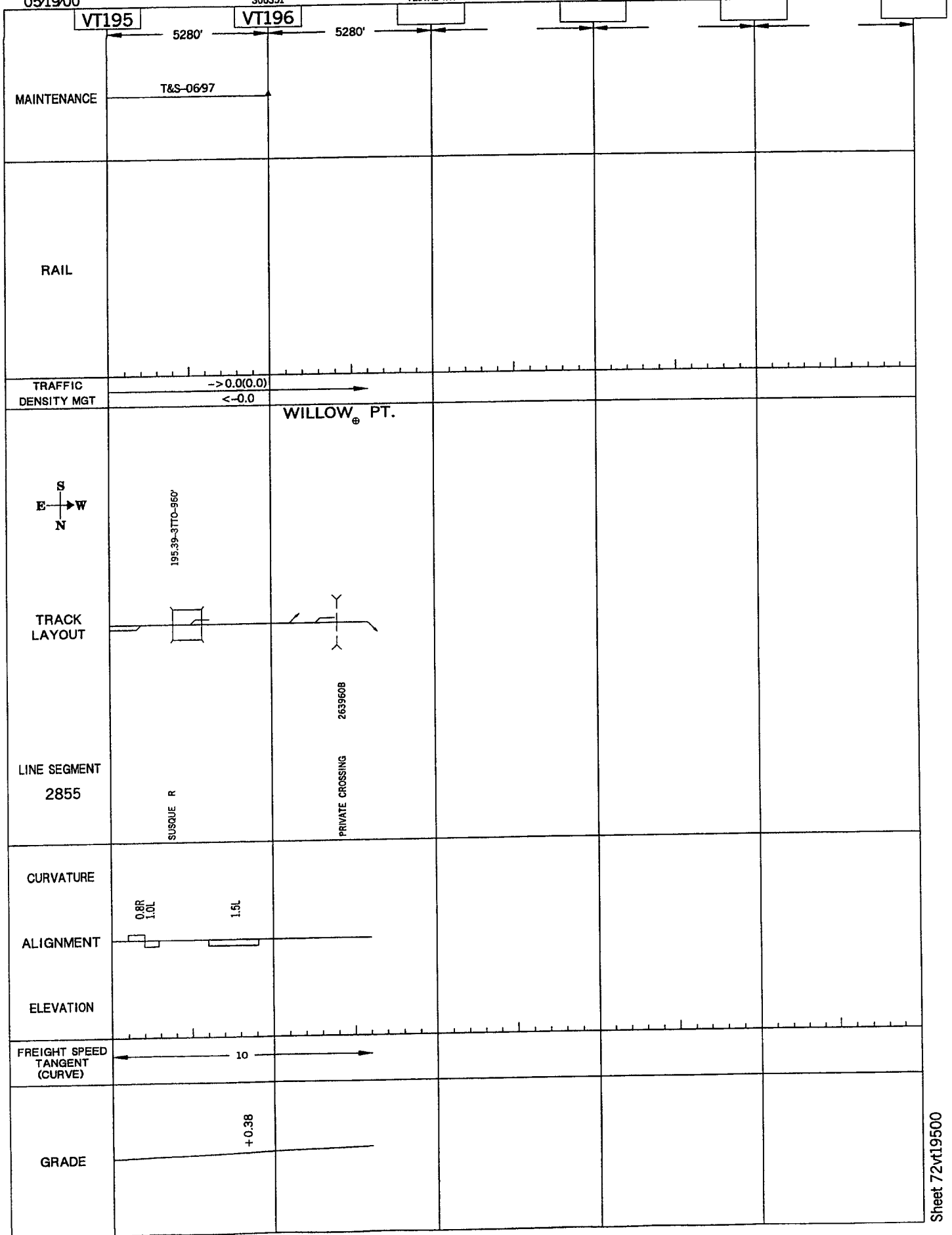
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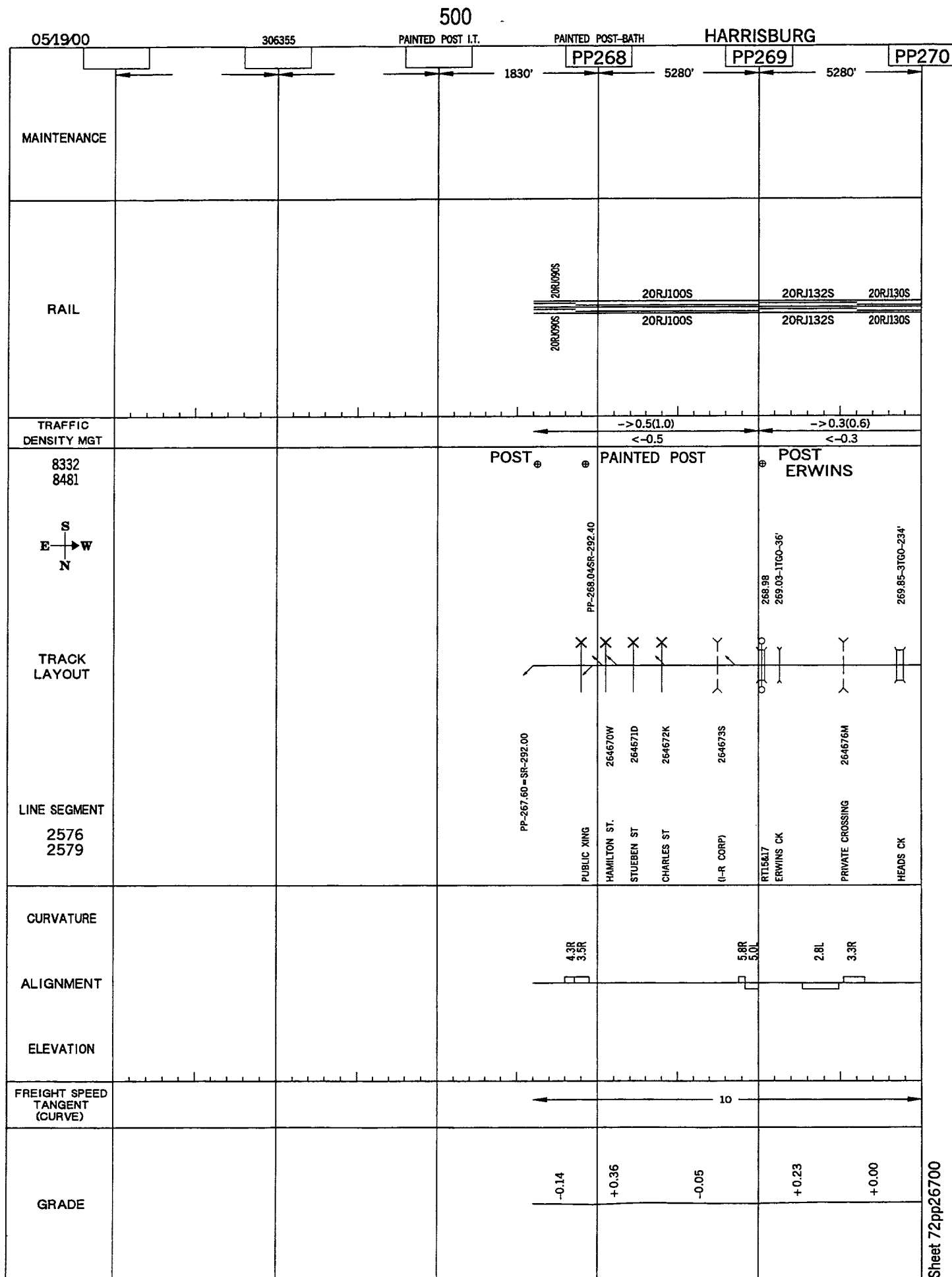
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VESTAL I.T.

BINGHAMTON-WILLOW PT

HARRISBURG





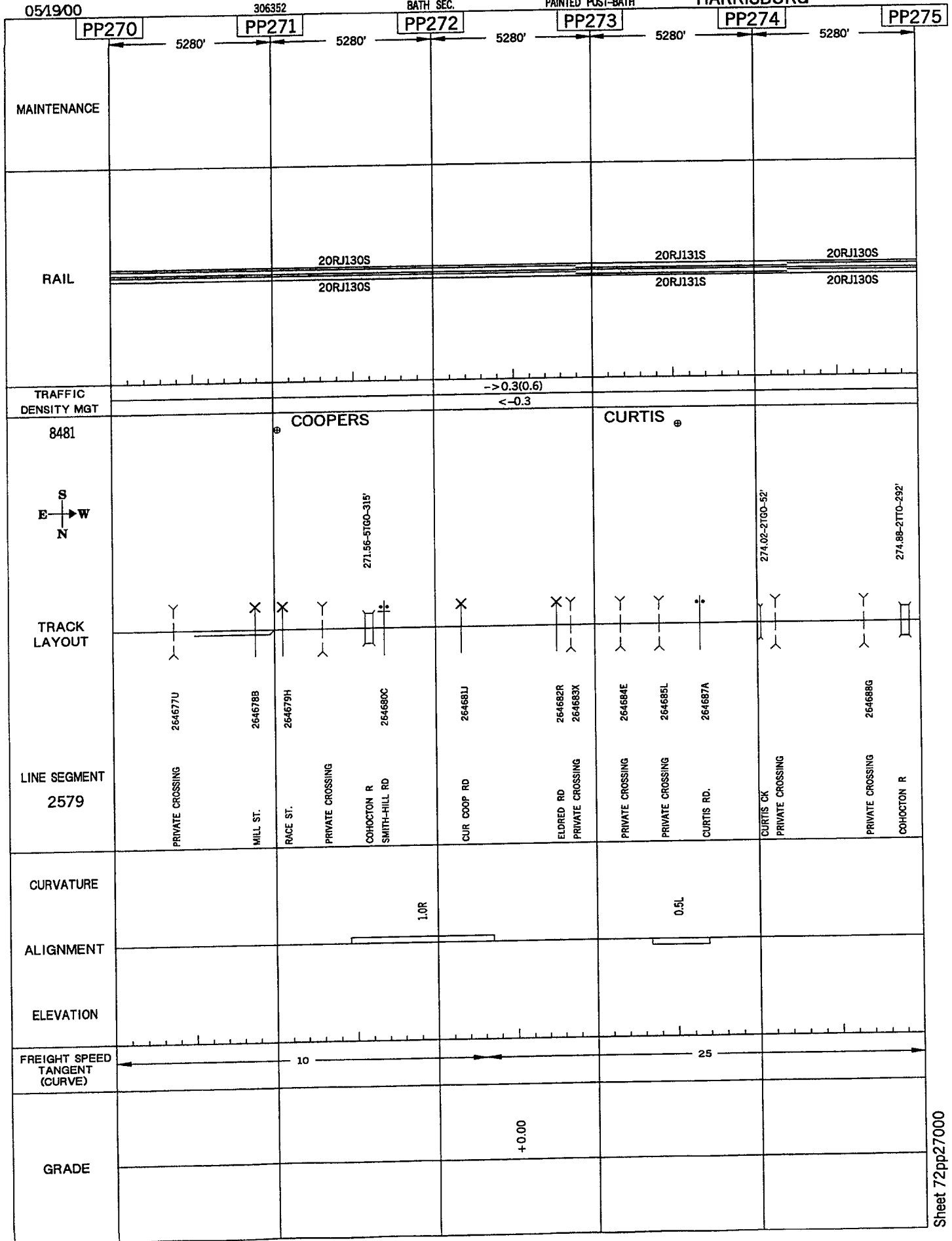
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306352

BATH SEC.

PAINTED POST-BATH

HARRISBURG




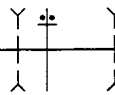










05/19/00

306352

BATH SEC.

PAINTED POST-BATH

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	PP275	5280'	PP276	5280'	PP277	5280'	PP278	5280'	PP279	5280'	PP280
MAINTENANCE											
RAIL	20RJ130S 20RJ130S	20RJ130S 20RJ130S	20RJ130S 20RJ130S			20RJ130S 20RJ130S					
TRAFFIC DENSITY MGT						-> 0.3(0.6) <- 0.3					
8481	CAMPBELL										
											
TRACK LAYOUT											
LINE SEGMENT 2579	PRIVATE CROSSING MAIN STREET	PRIVATE CROSSING 264690H	PRIVATE CROSSING 264691P	PRIVATE CROSSING 264692W	LSTREAM PRIVATE CROSSING 264694K	PRIVATE CROSSING 264695S	PRIVATE CROSSING 264696Y	PRIVATE CROSSING 264697F	PRIVATE CROSSING 264698M	PRIVATE CROSSING 264699U SAVONA RD (SHAVERS) SAVONA CK	COHOCTON R EAGLE VALLEY PRIVATE CROSSING 264702A PRIVATE CROSSING 264703G PRIVATE CROSSING 264704N
CURVATURE											
ALIGNMENT											
ELEVATION											
FREIGHT SPEED TANGENT (CURVE)						25					
GRADE						+0.00					

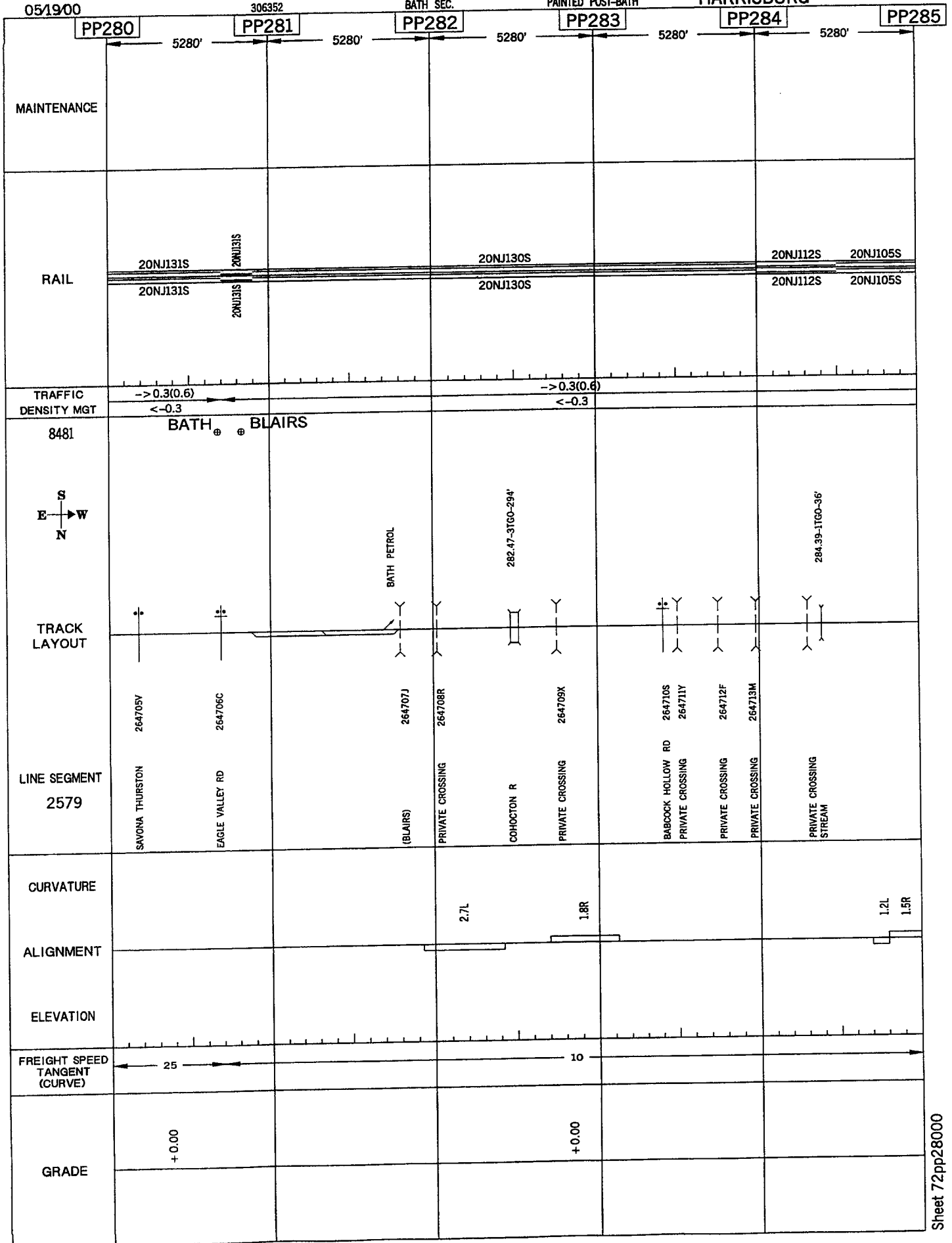
05/19/00

306352

BATH SEC.

PAINTED POST-BATH

HARRISBURG



05/19/00

306352

BATH I.T.

PAINTED POST-BATH

HARRISBURG

PP285

5206'

MAINTENANCE

RAIL

20N105S ||| 20N105S

TRAFFIC
DENSITY MGT

B&H R.R.

S
E → W
N

TRACK
LAYOUT

285.01

264496P

LINE SEGMENT
2579

RT 17

CURVATURE

2.0L

ALIGNMENT

□

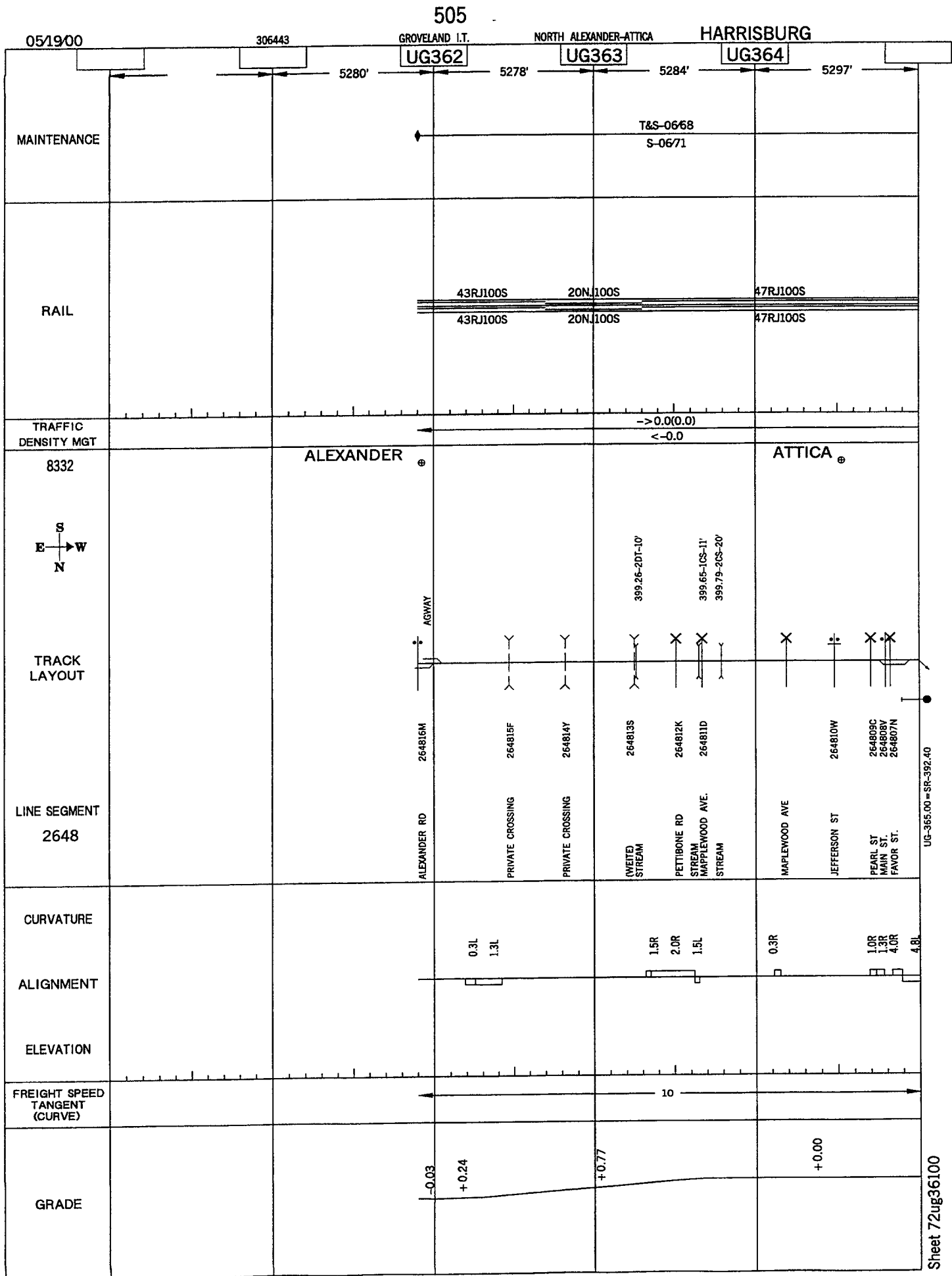
ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.00



506

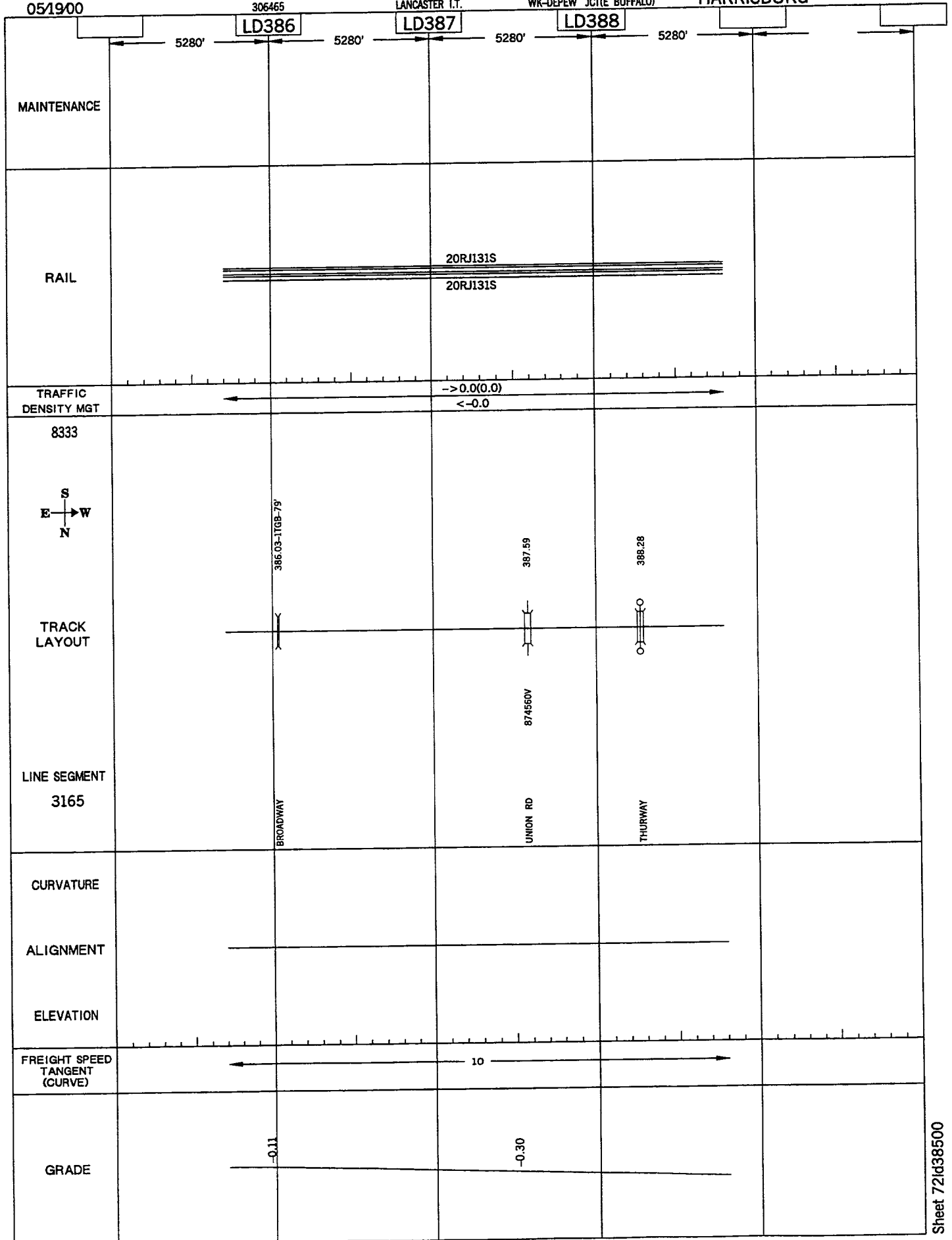
051900

306465

LANCASTER I.T.

WK-DEPEW JCT(E BUFFALO)

HARRISBURG



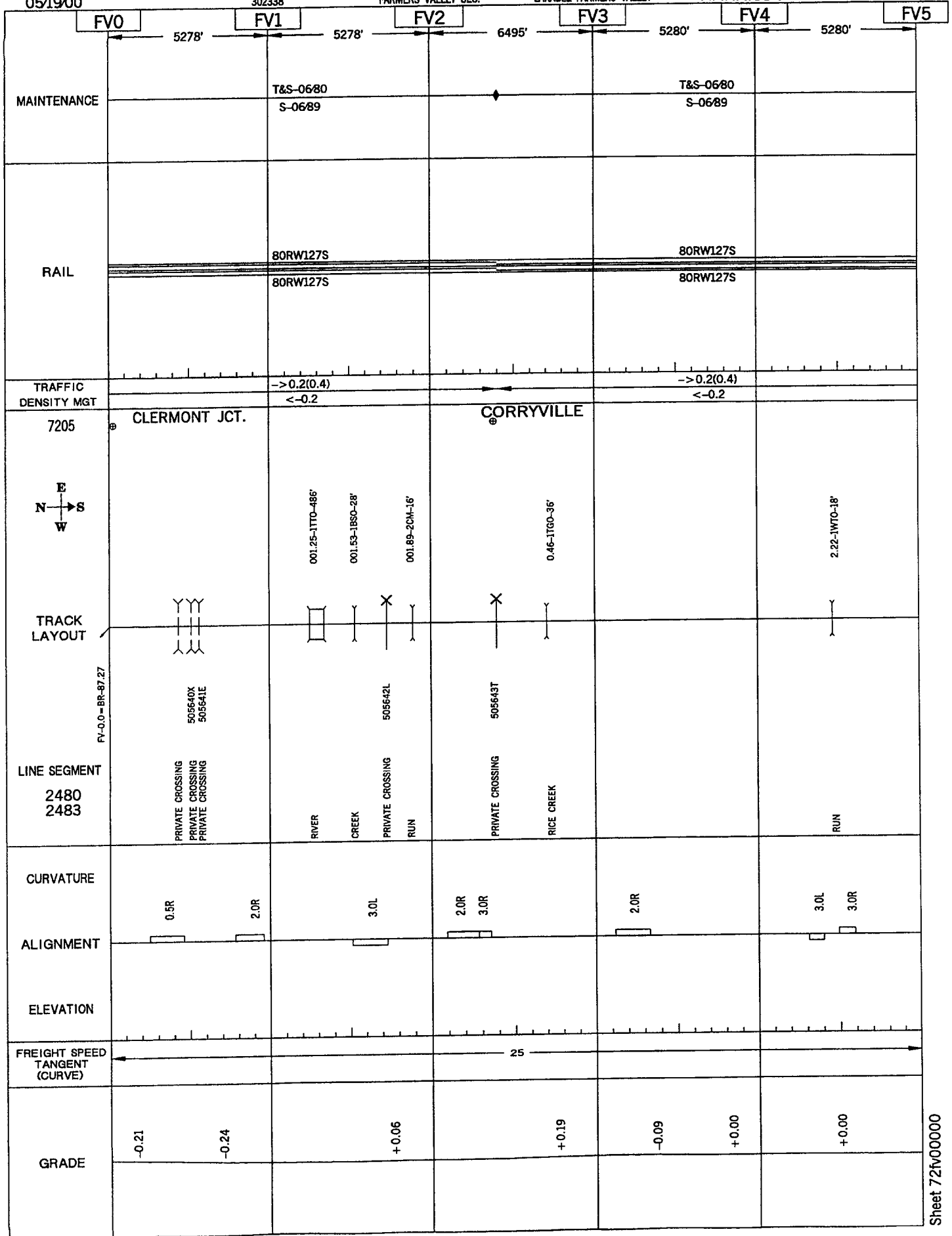
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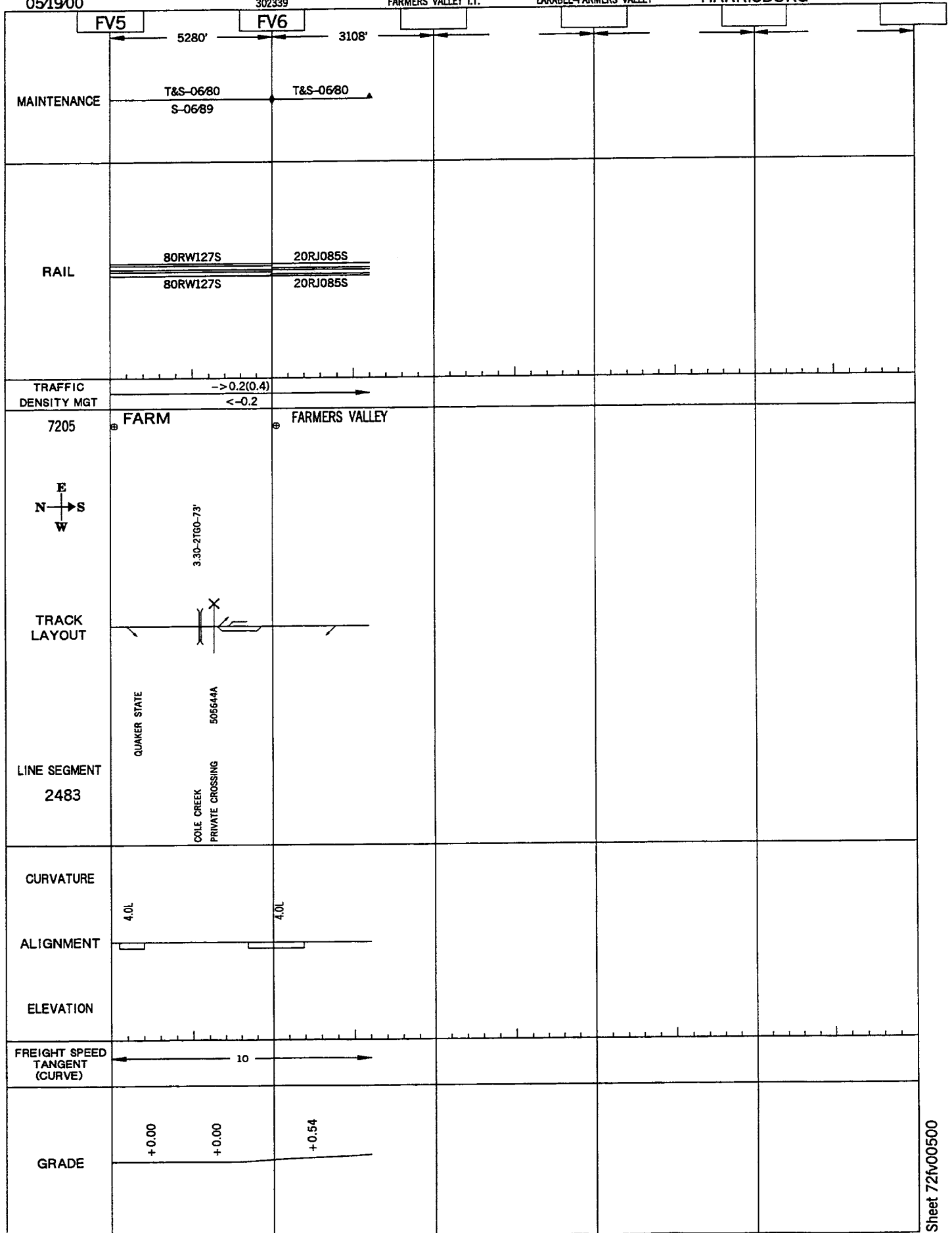
302338

FARMERS VALLEY SEC.

LARABEE-FARMERS VALLEY

HARRISBURG





05/19/00

306500

OLEAN SEC.

HORNELL-SALAMANCA

HARRISBURG

OS332

OS333

OS334

OS335

1096'

5355'

4921'

5641'

MAINTENANCE

T&S-0689

RAIL

53NJ115S
53NJ115S
52RJ112S

52RJ112S

53NJ115S
53NJ115S

52RJ112S
52RJ112S

54RJ115S
54RJ115S

TRAFFIC
DENSITY MGT

-> 0.0(0.0)
<- -0.0

8329
8330

S
E → W
N

CP CASS

OS-331.80 = SR-331.77

TRACK
LAYOUT

264797K
WEST ST

LINE SEGMENT
2072

CURVATURE

ALIGNMENT

ELEVATION

2.0L
2.3L

3.3L

2.8R

2.8L

2.5L

2.8L

2.5L

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.97

+0.77

+0.98

+1.58

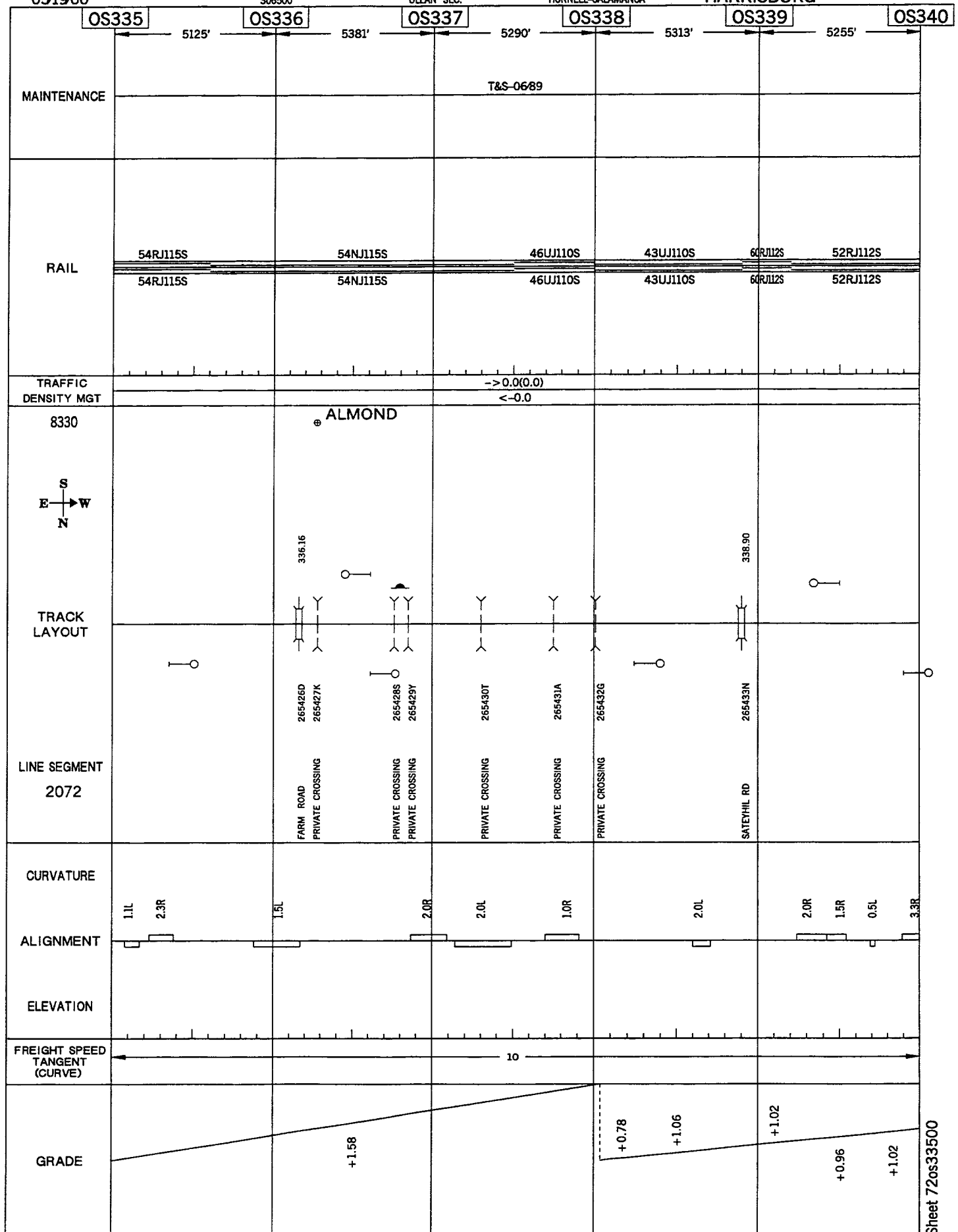
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OLEAN SEC.

HORNELL-SALAMANCA

HARRISBURG



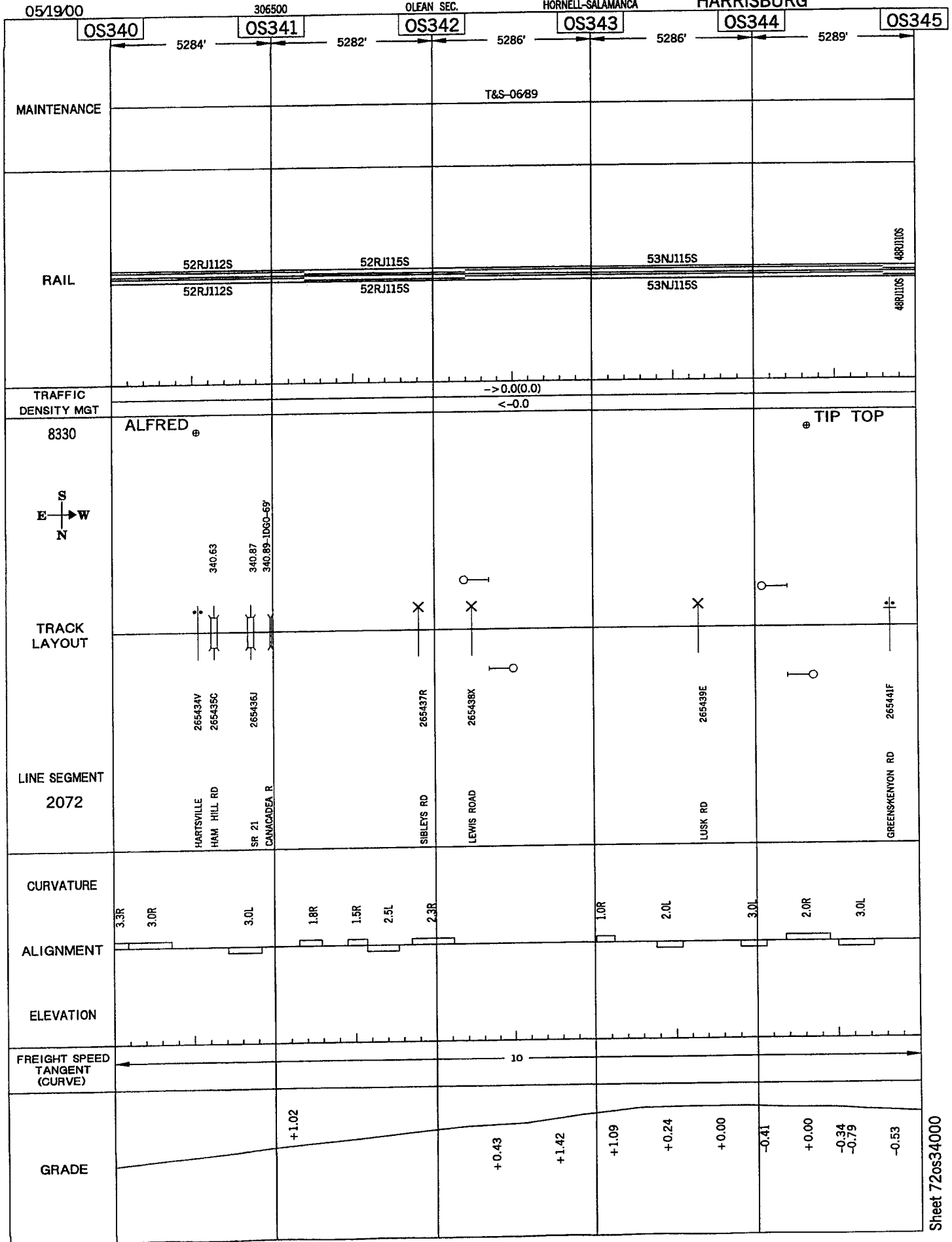
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HARRISBURG



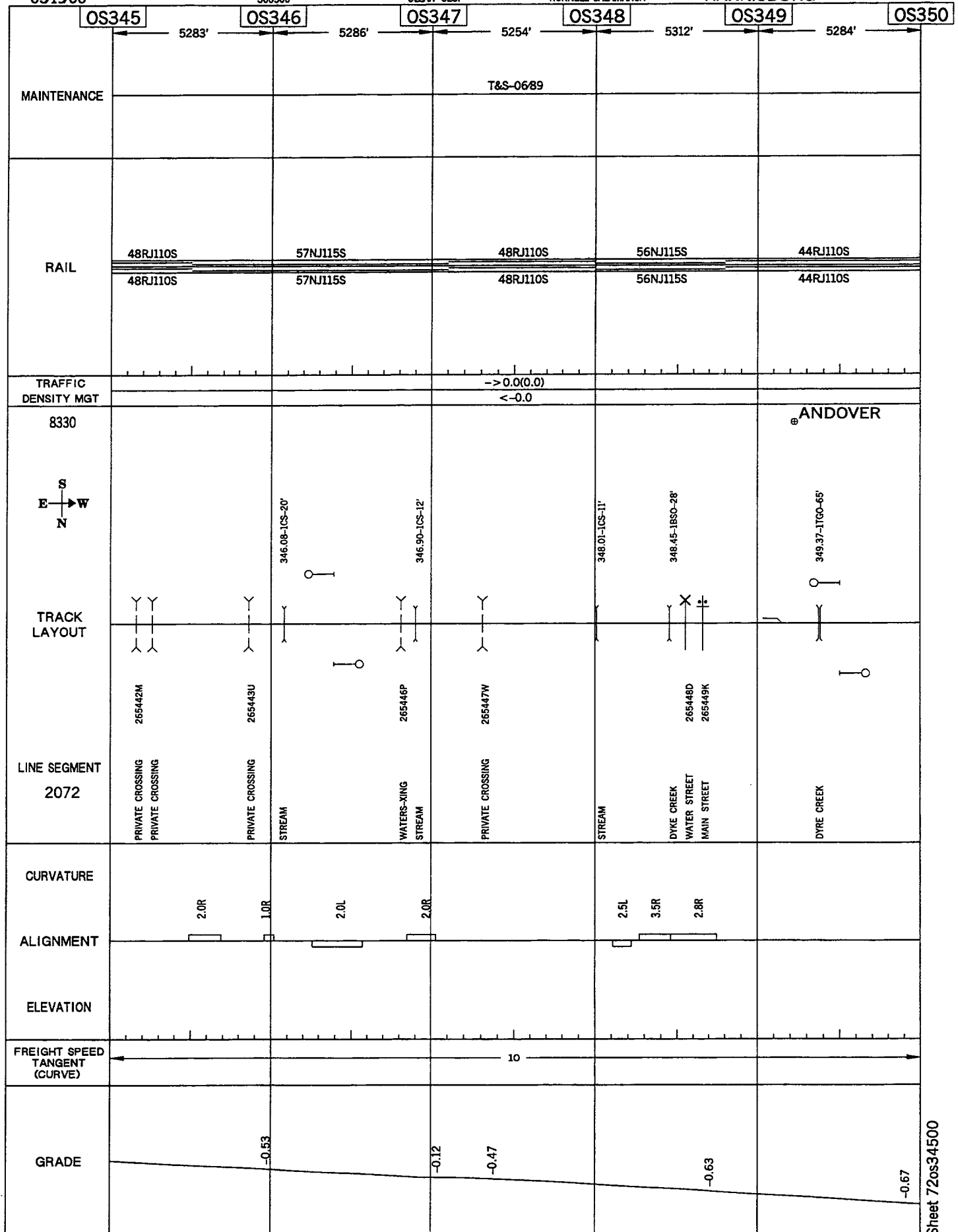
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HARRISBURG



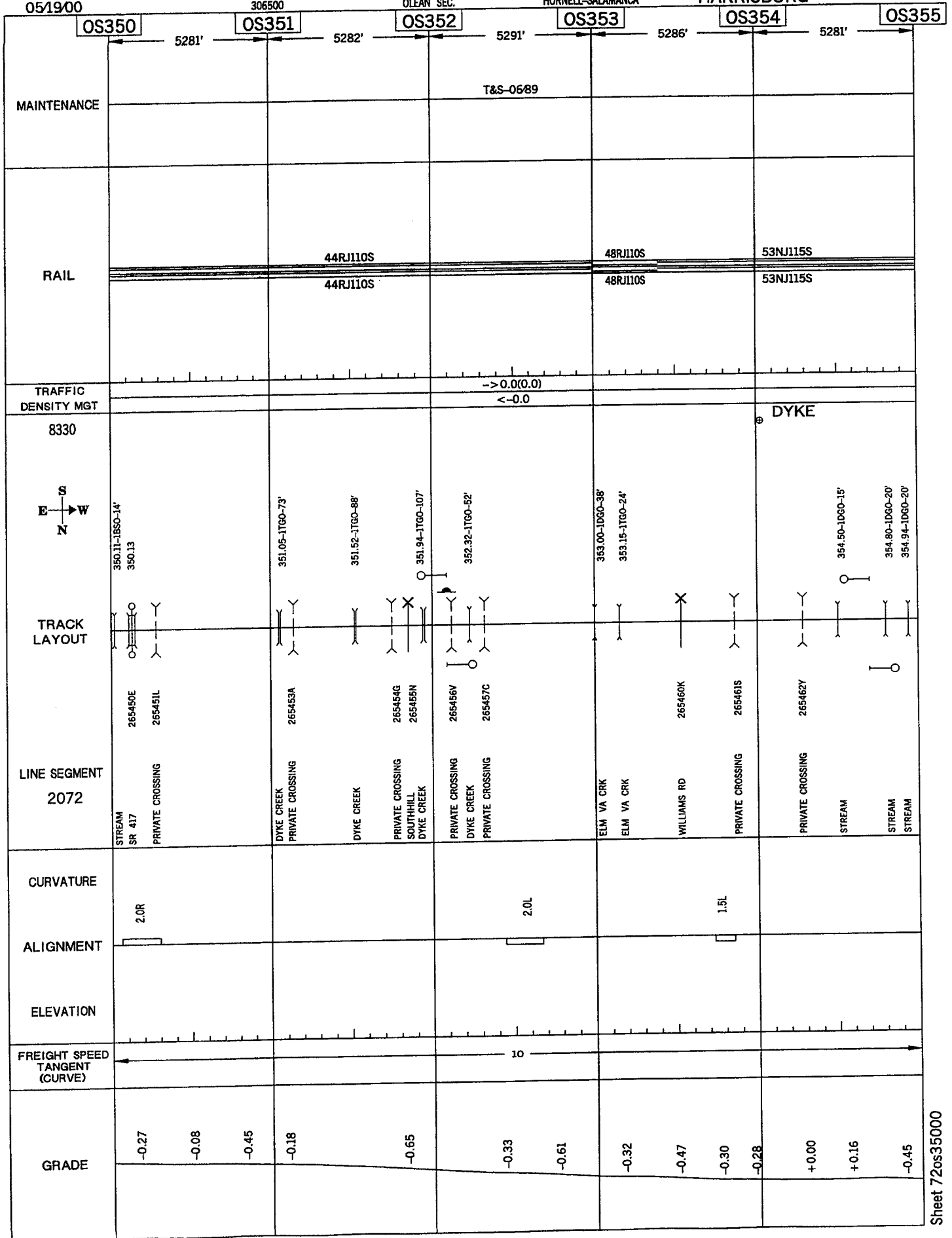
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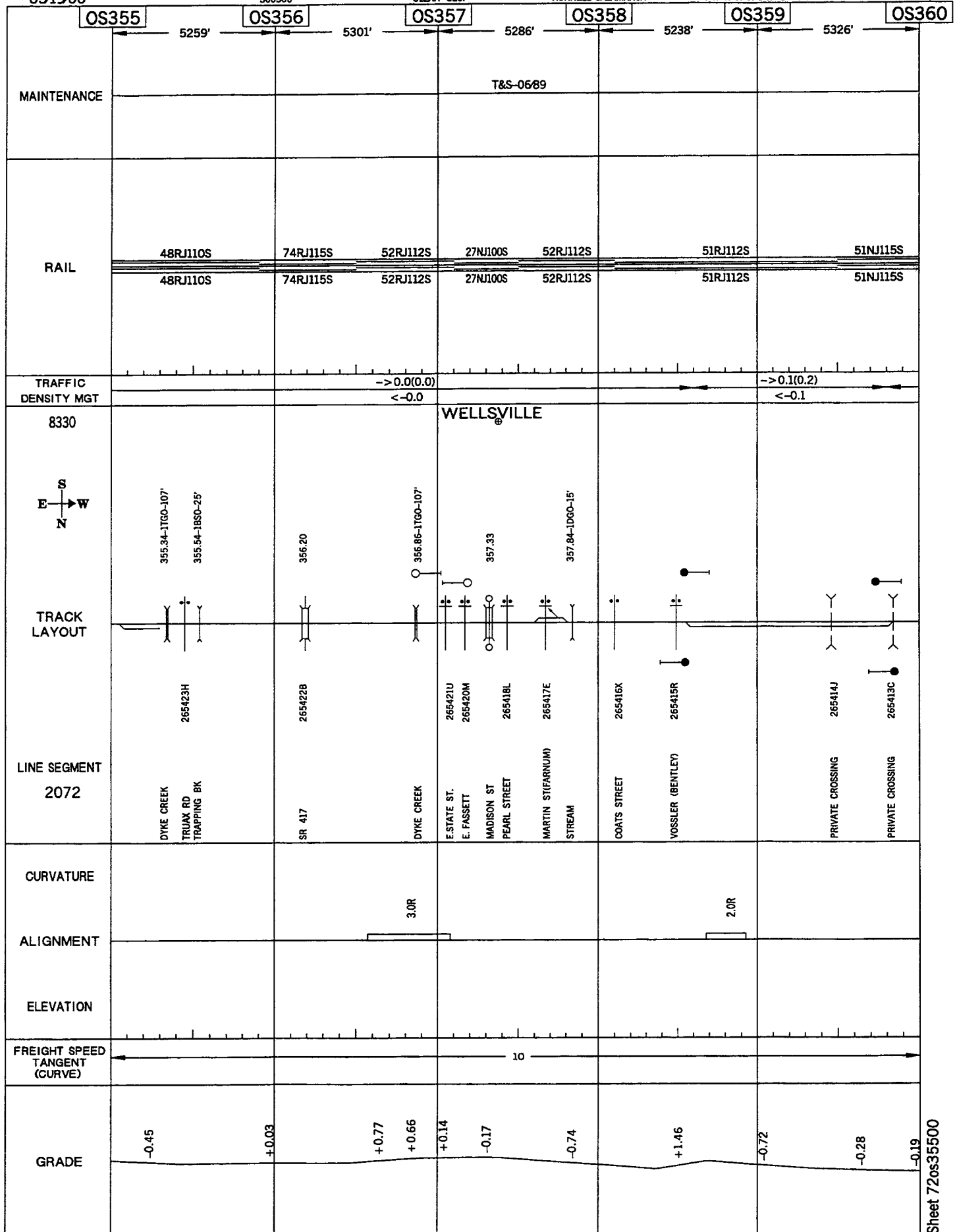
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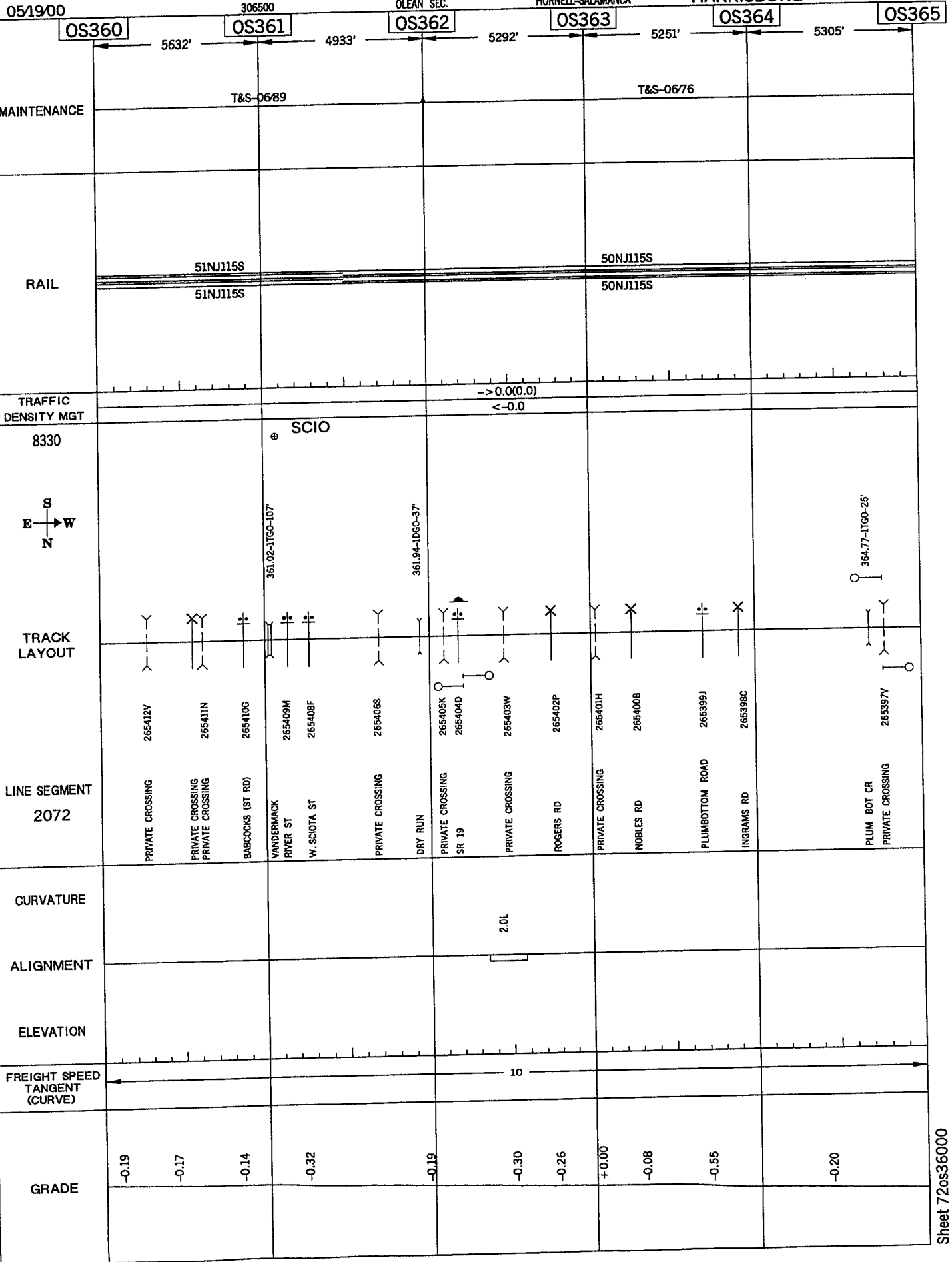
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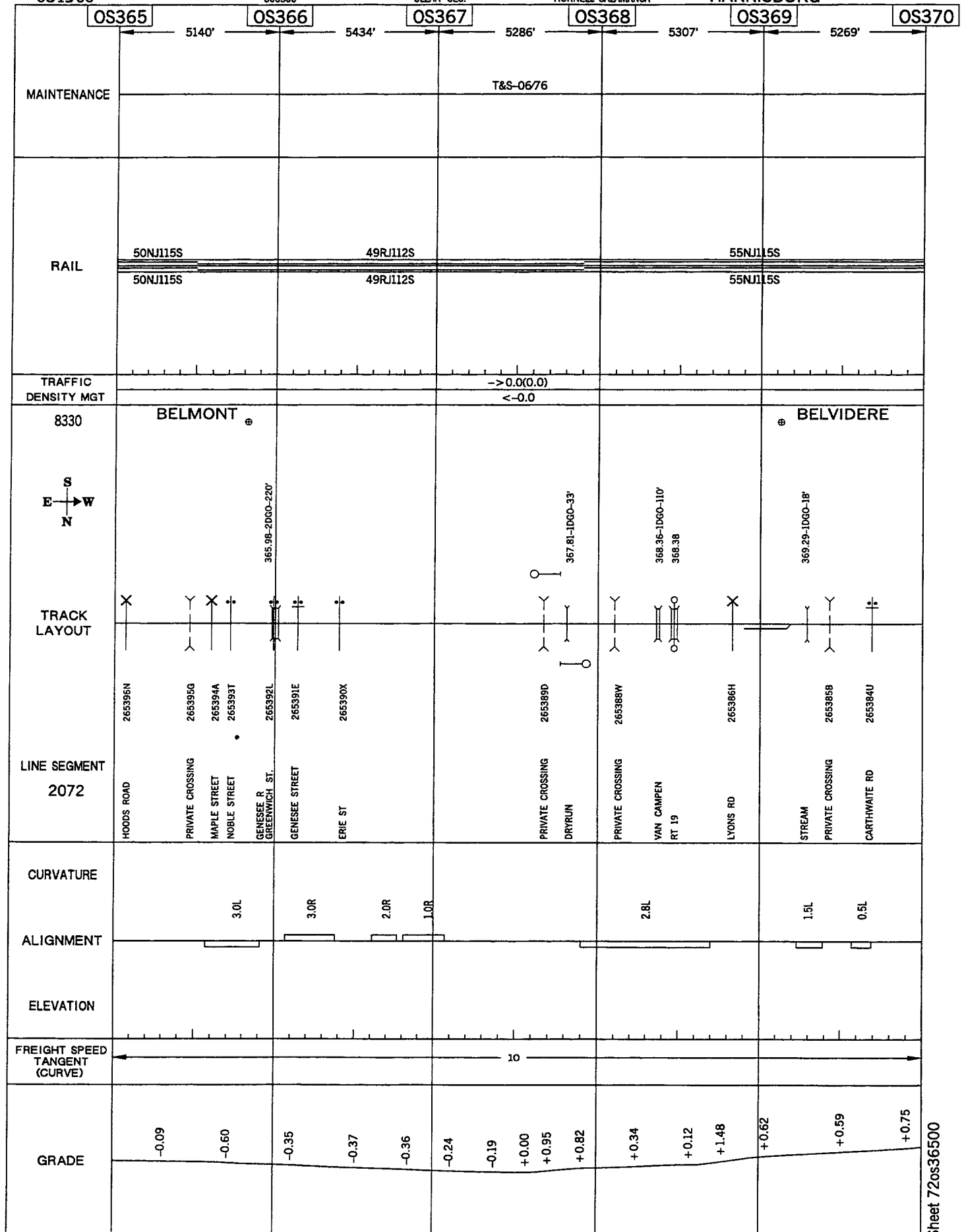
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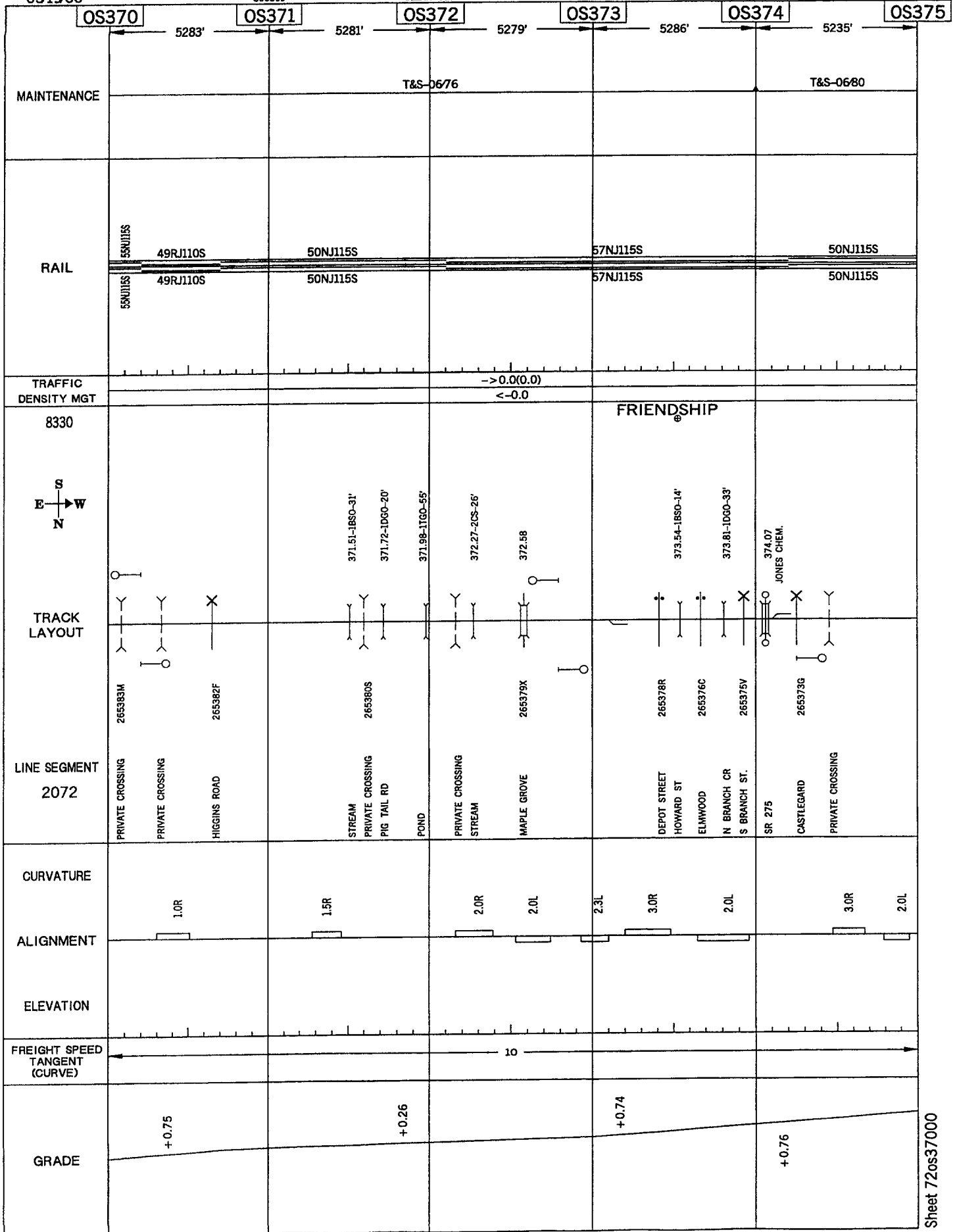
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HARRISBURG



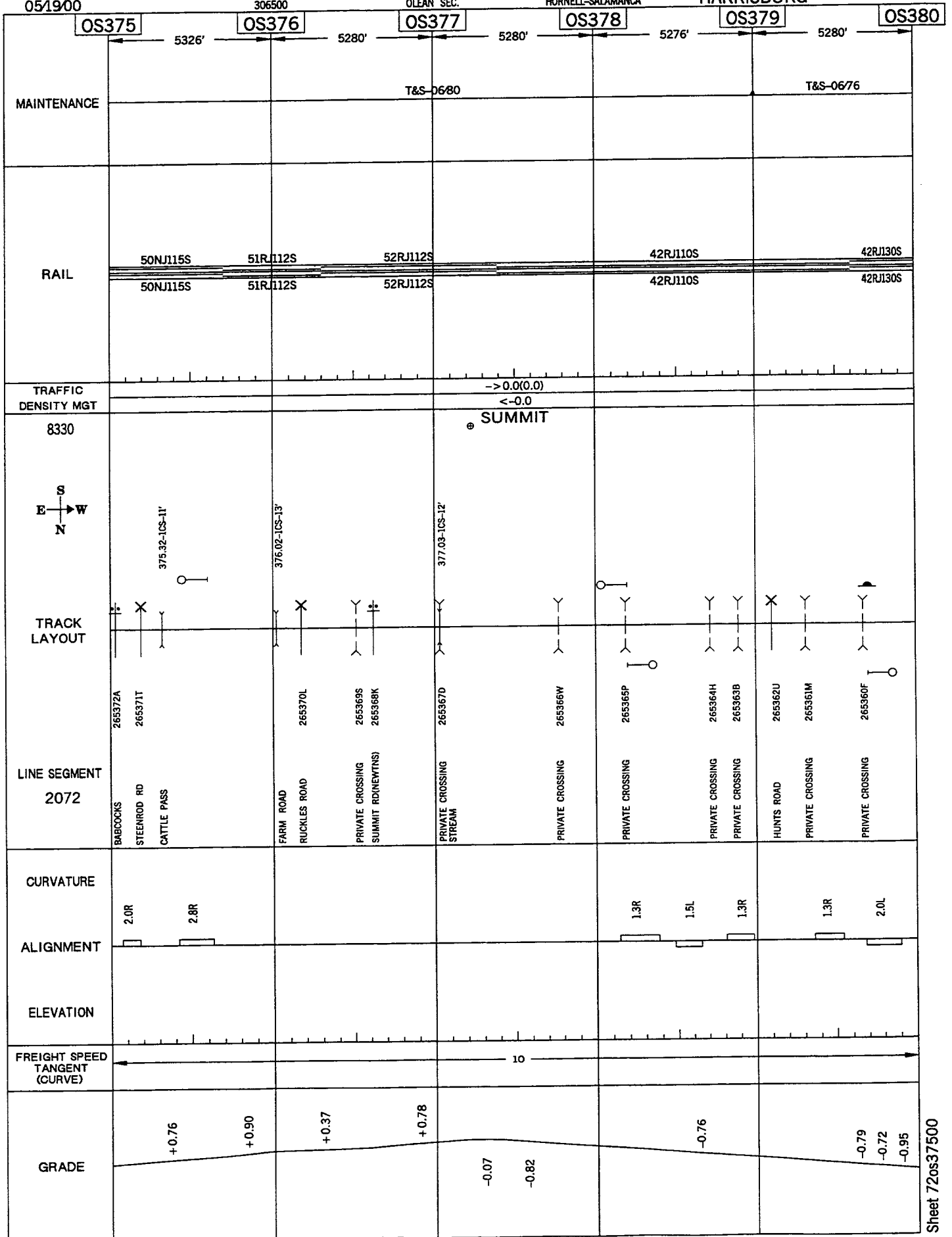
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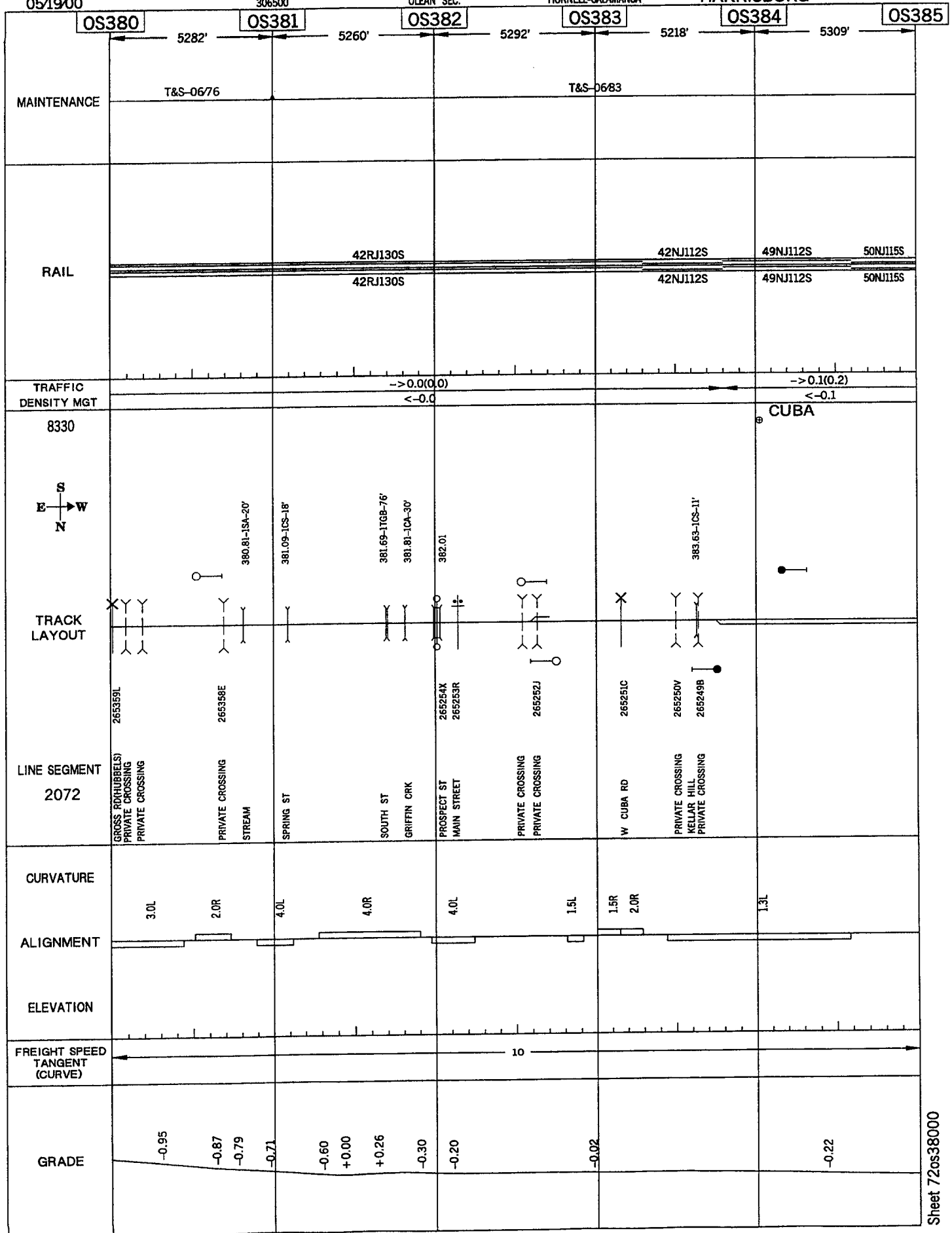
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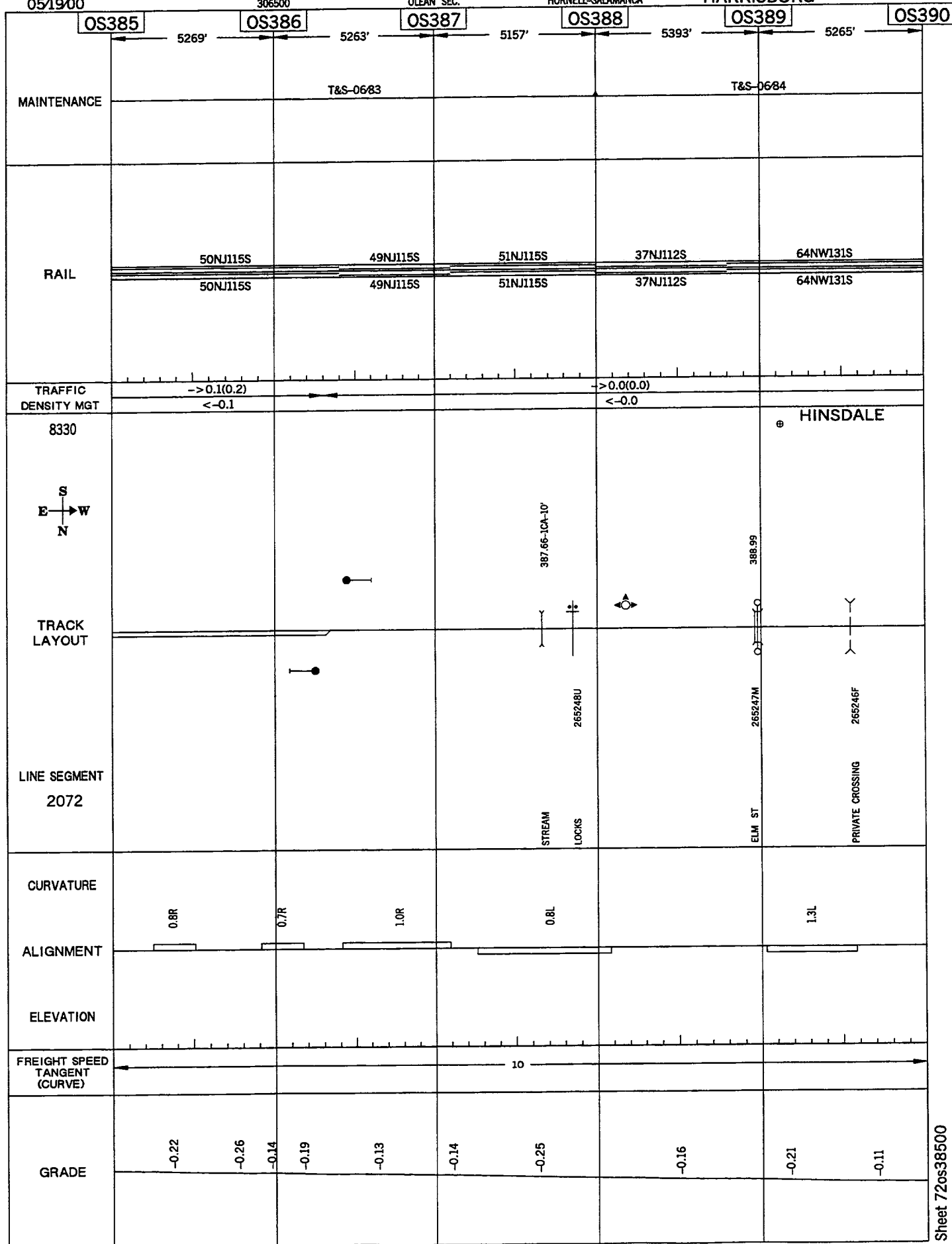
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HORNELL-SALAMANCA

HARRISBURG





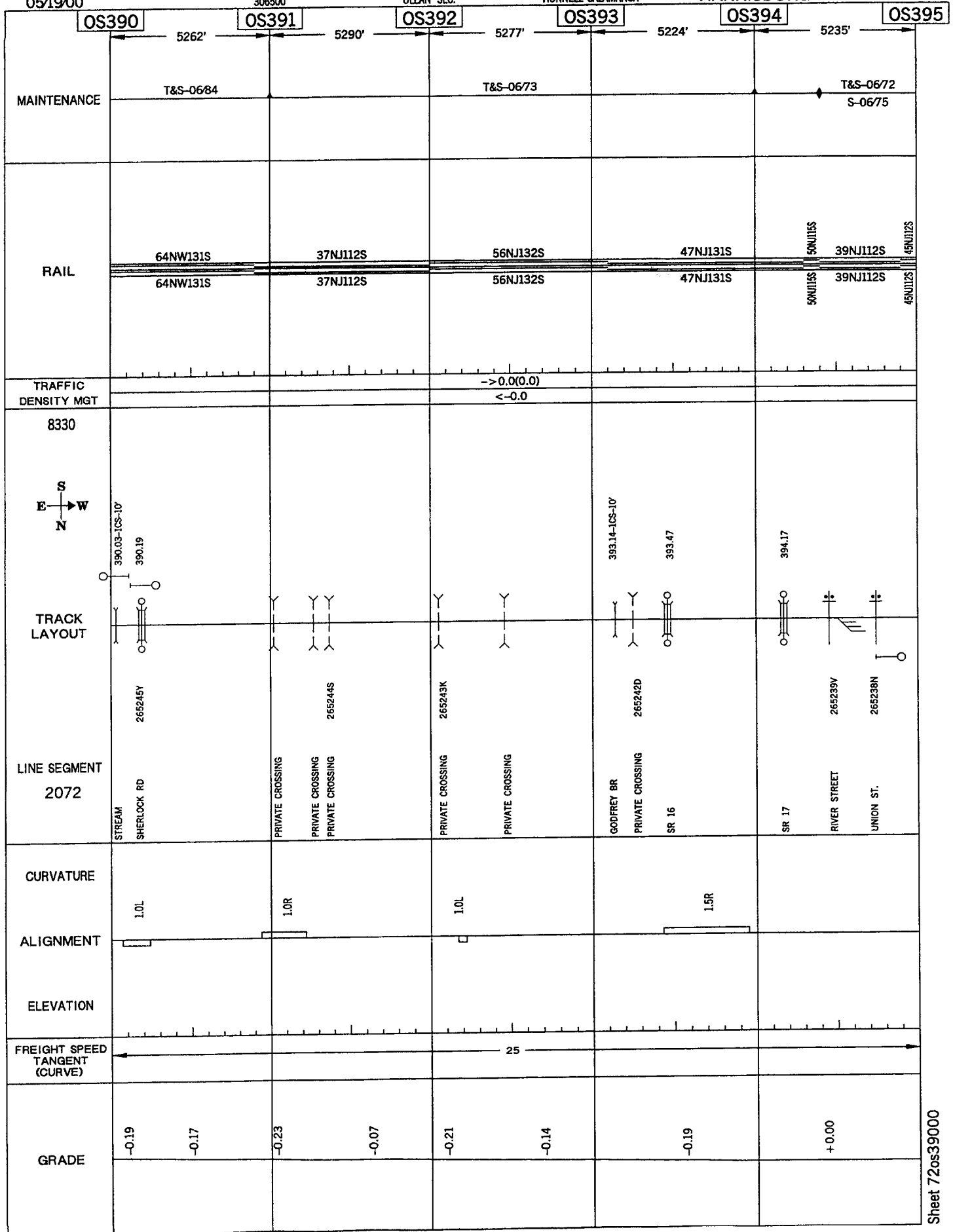
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HARRISBURG



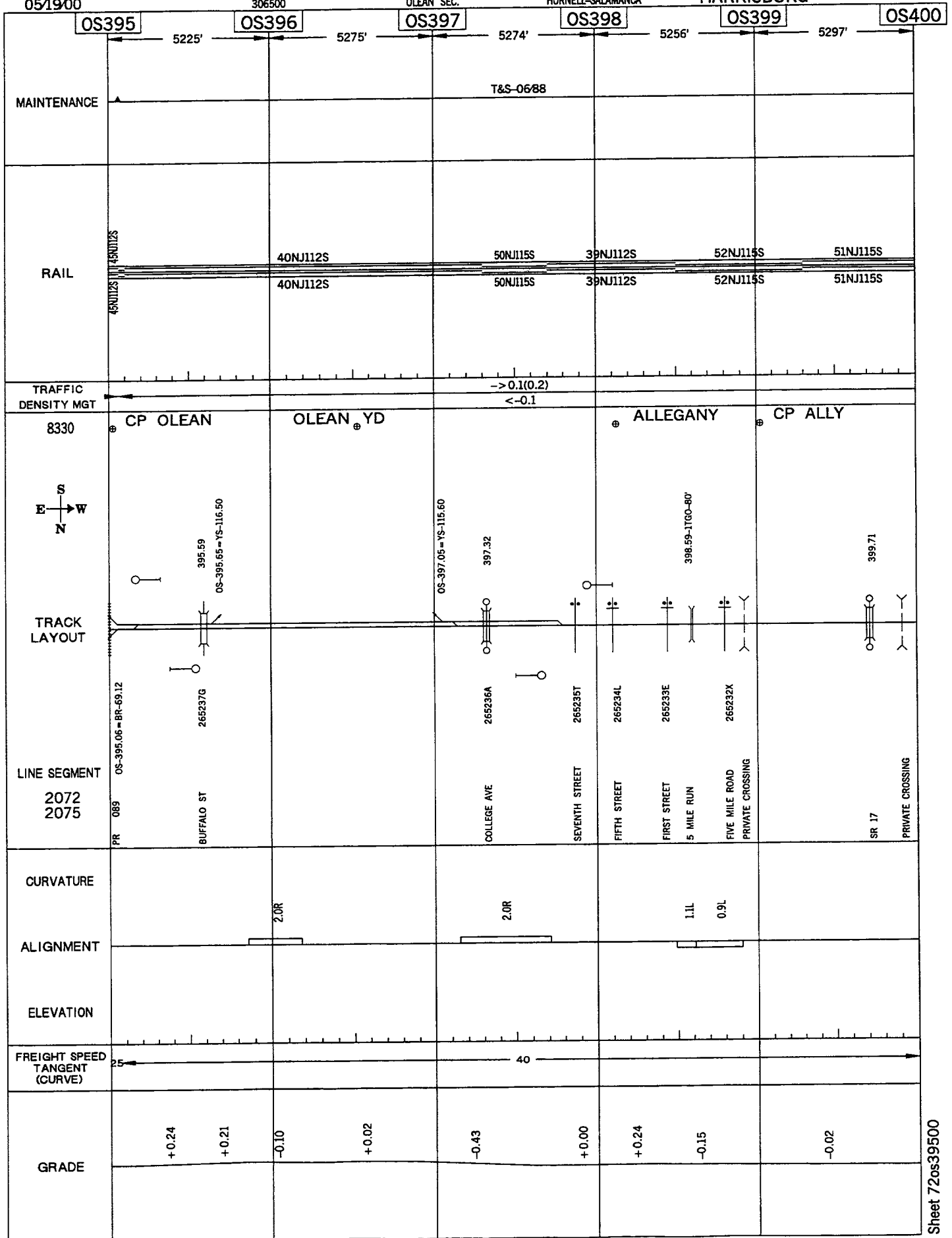
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HORNELL-SALAMANCA

HARRISBURG



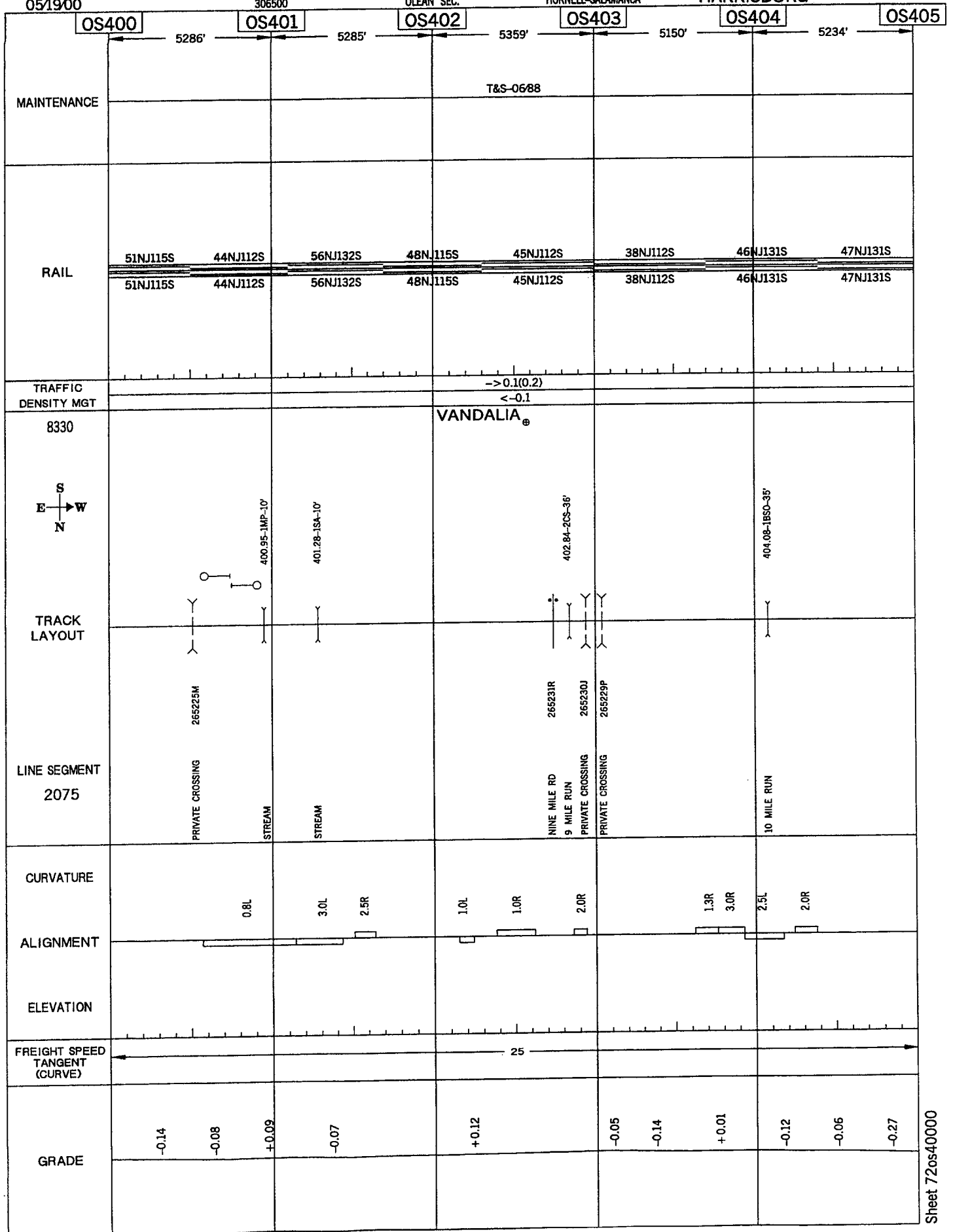
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HORNELL-SALAMANCA

HARRISBURG



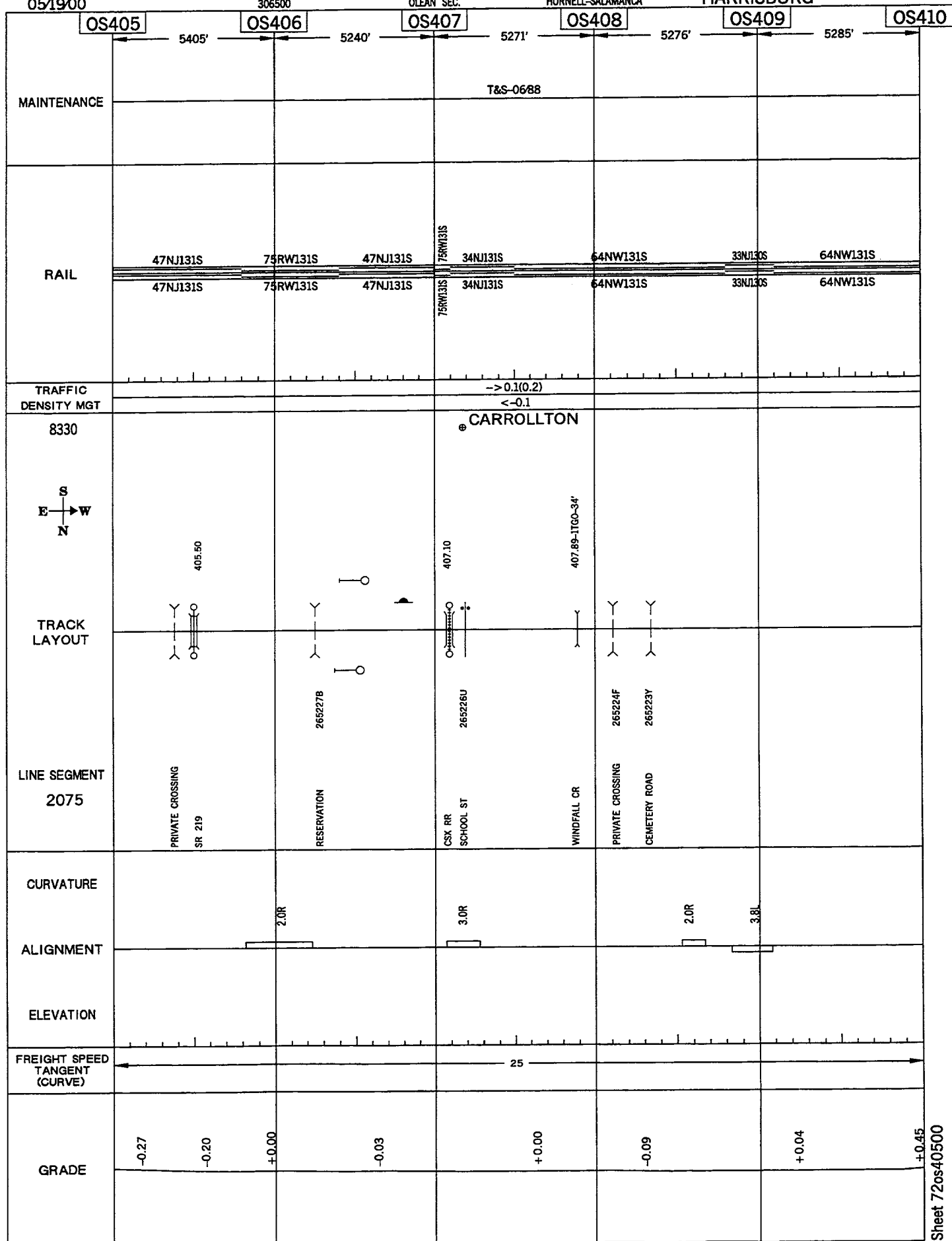
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HORNELL-SALAMANCA

HARRISBURG



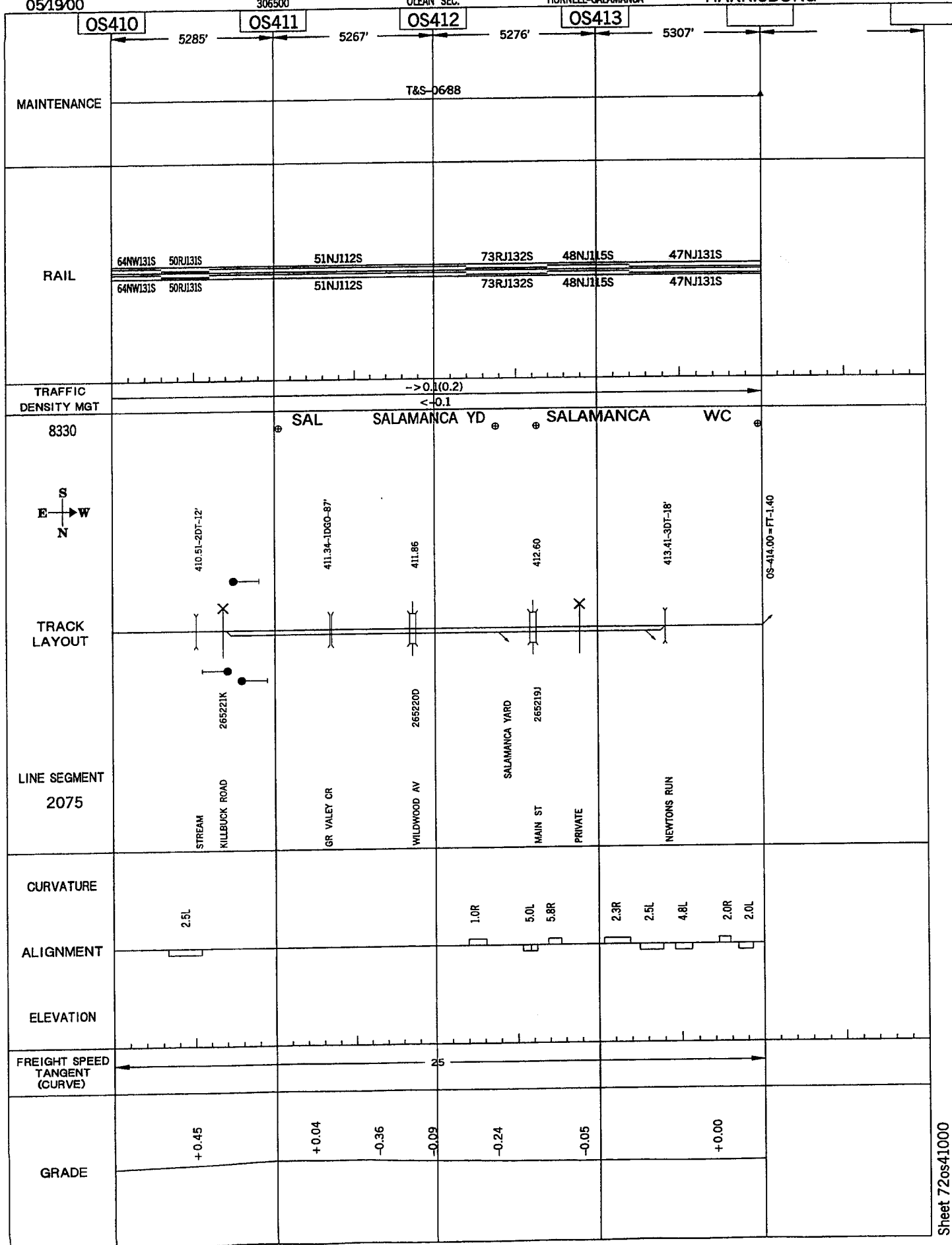
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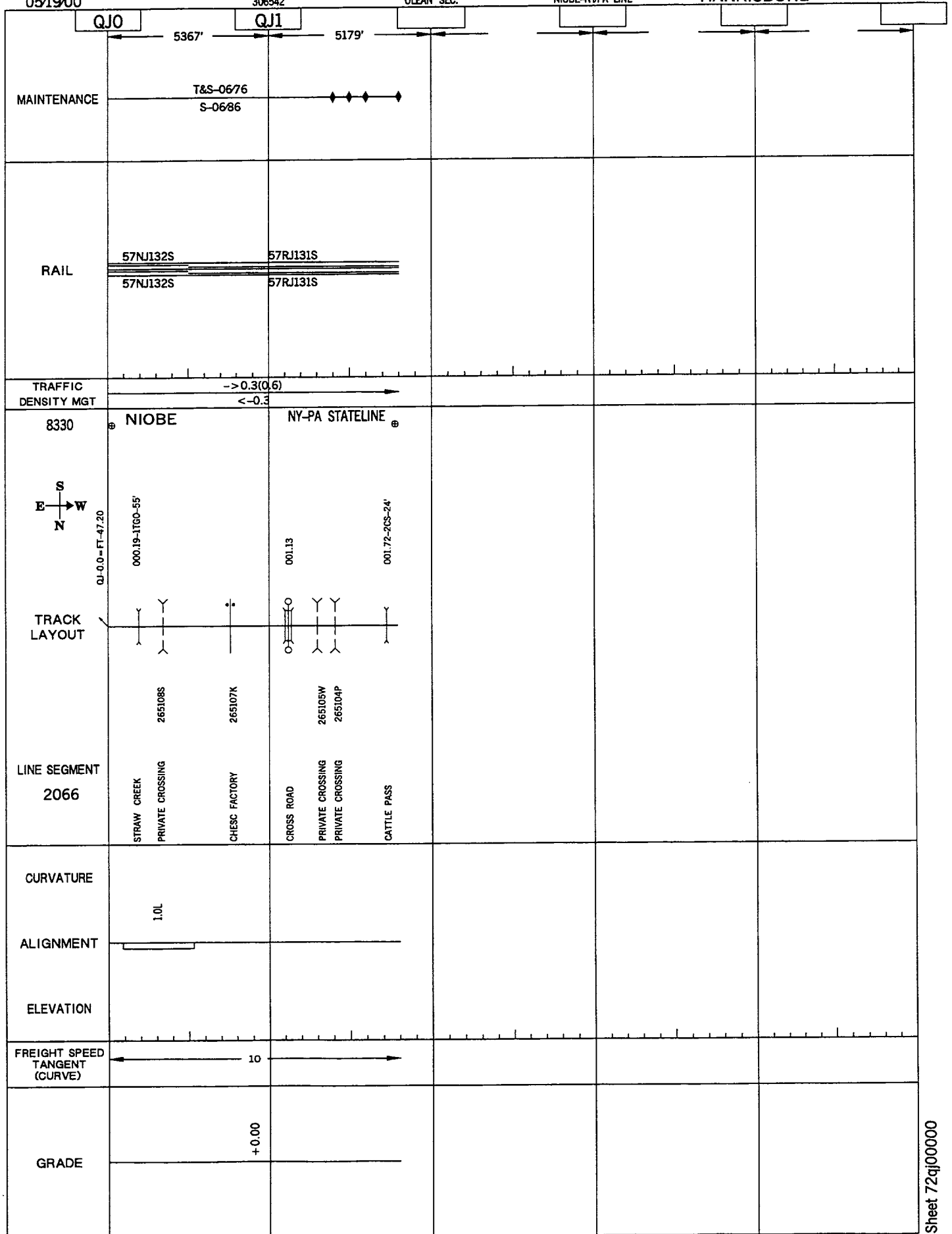
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306542

OLEAN SEC.

NIOBE-NYPA LINE

HARRISBURG





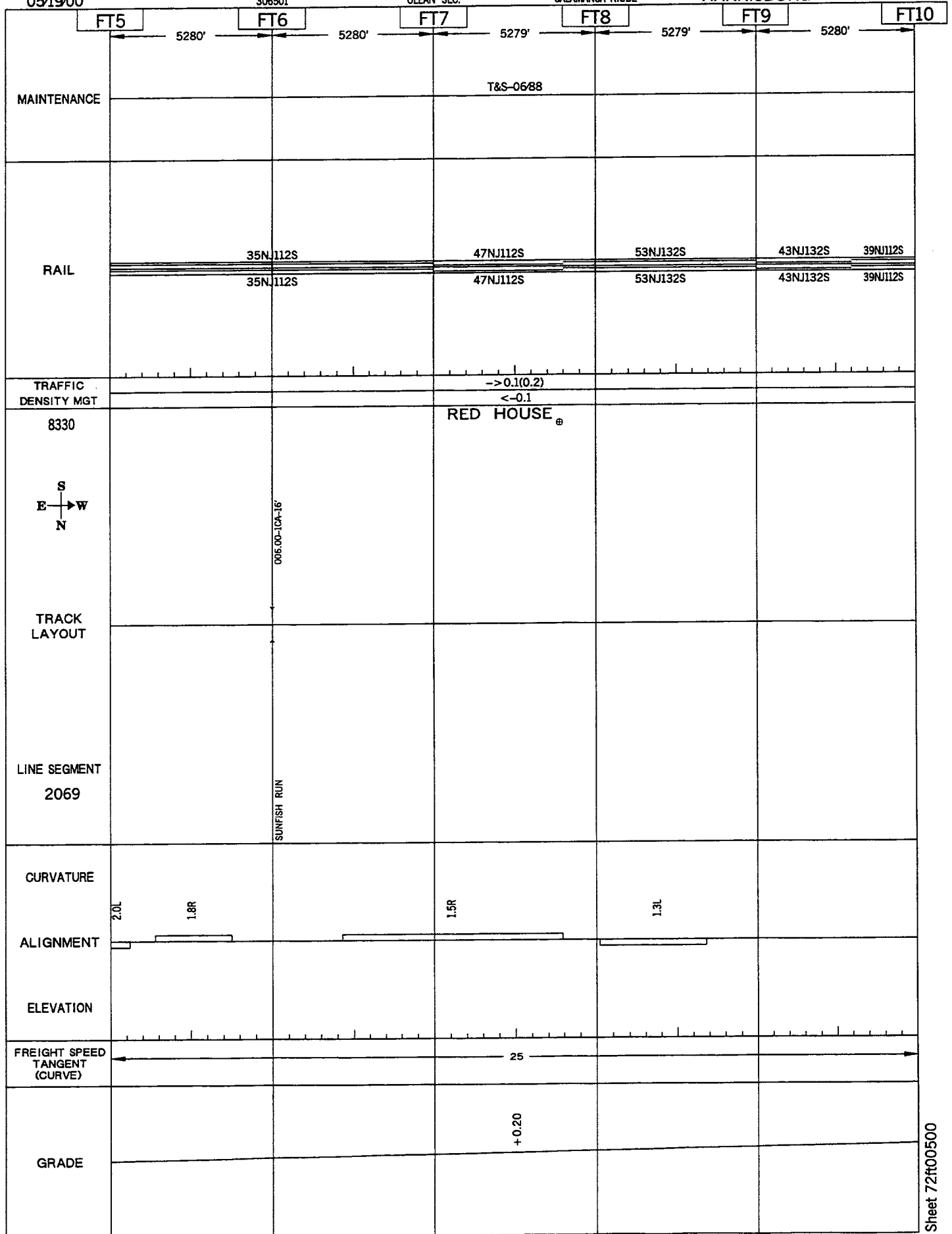
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SALAMANCA-NIOBE

HARRISBURG



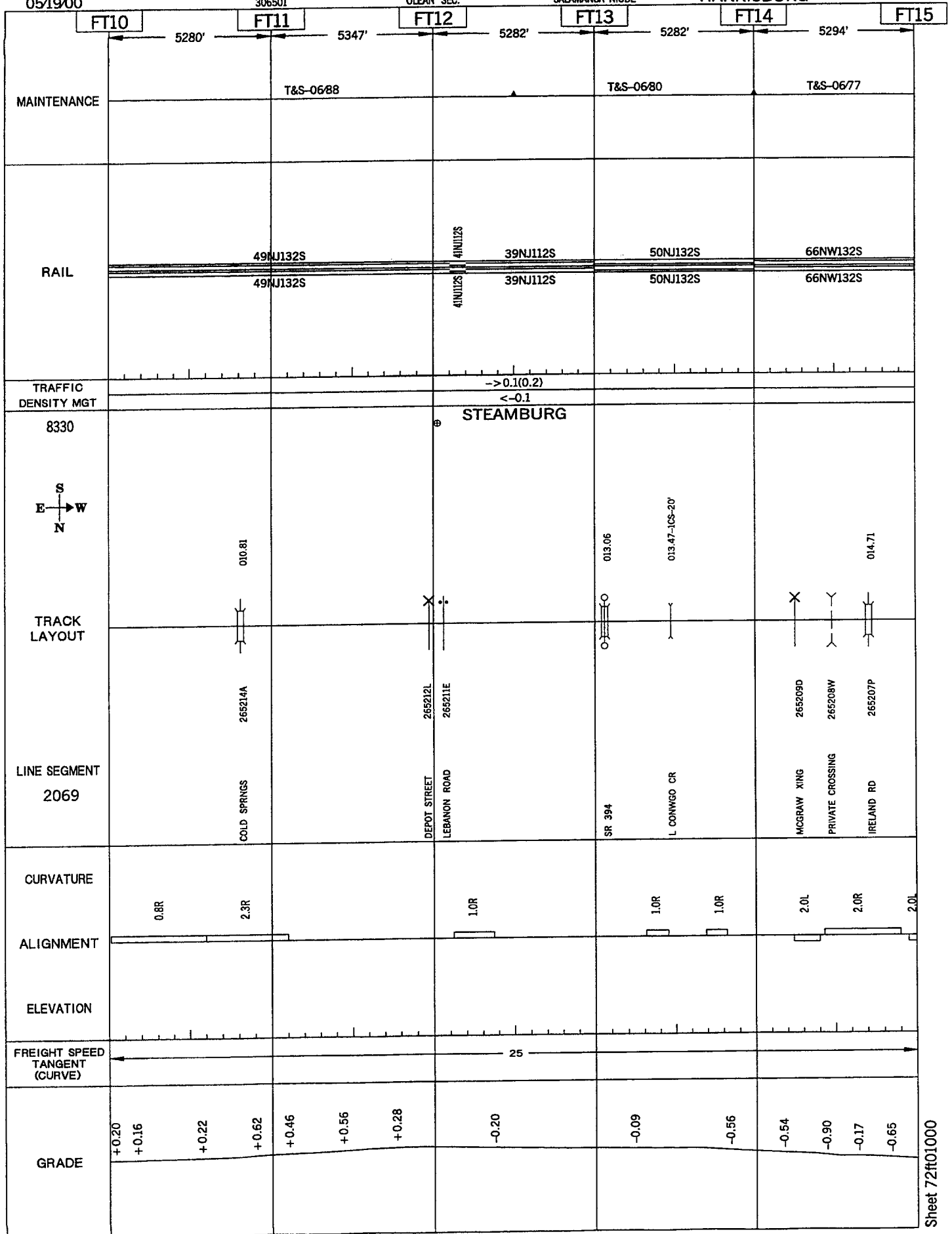
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SALAMANCA-NIOBE

HARRISBURG



530

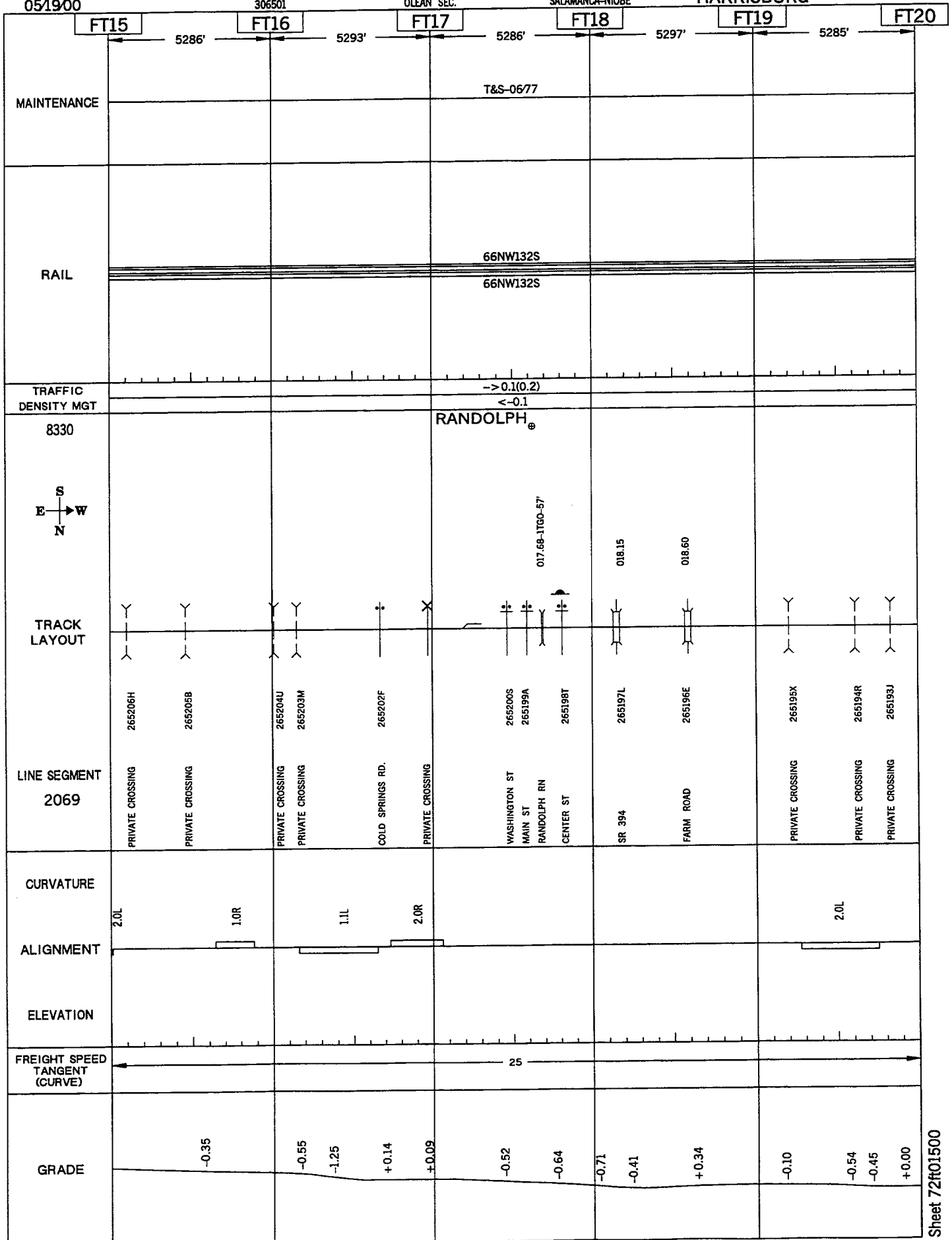
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SALAMANCA-NIOBE

HARRISBURG



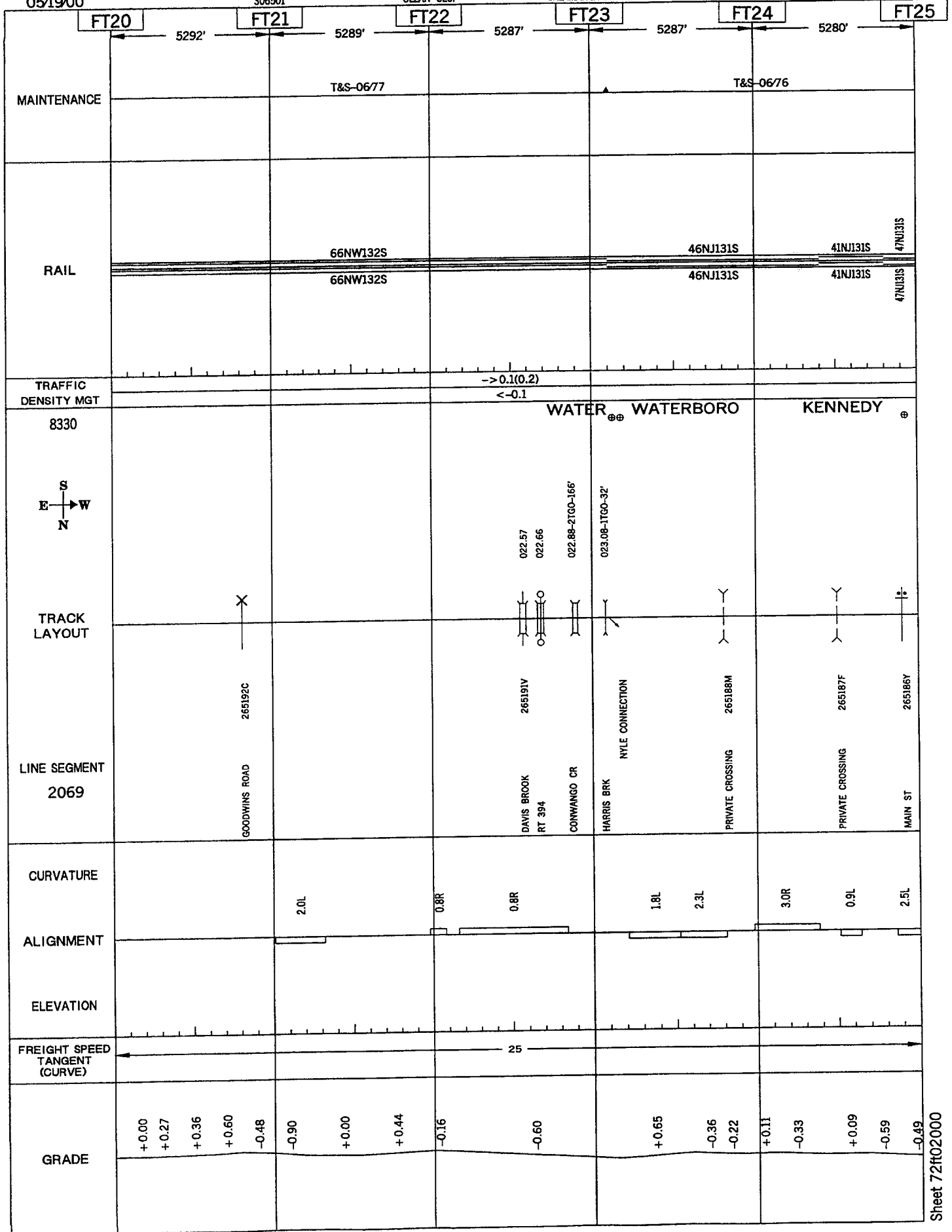
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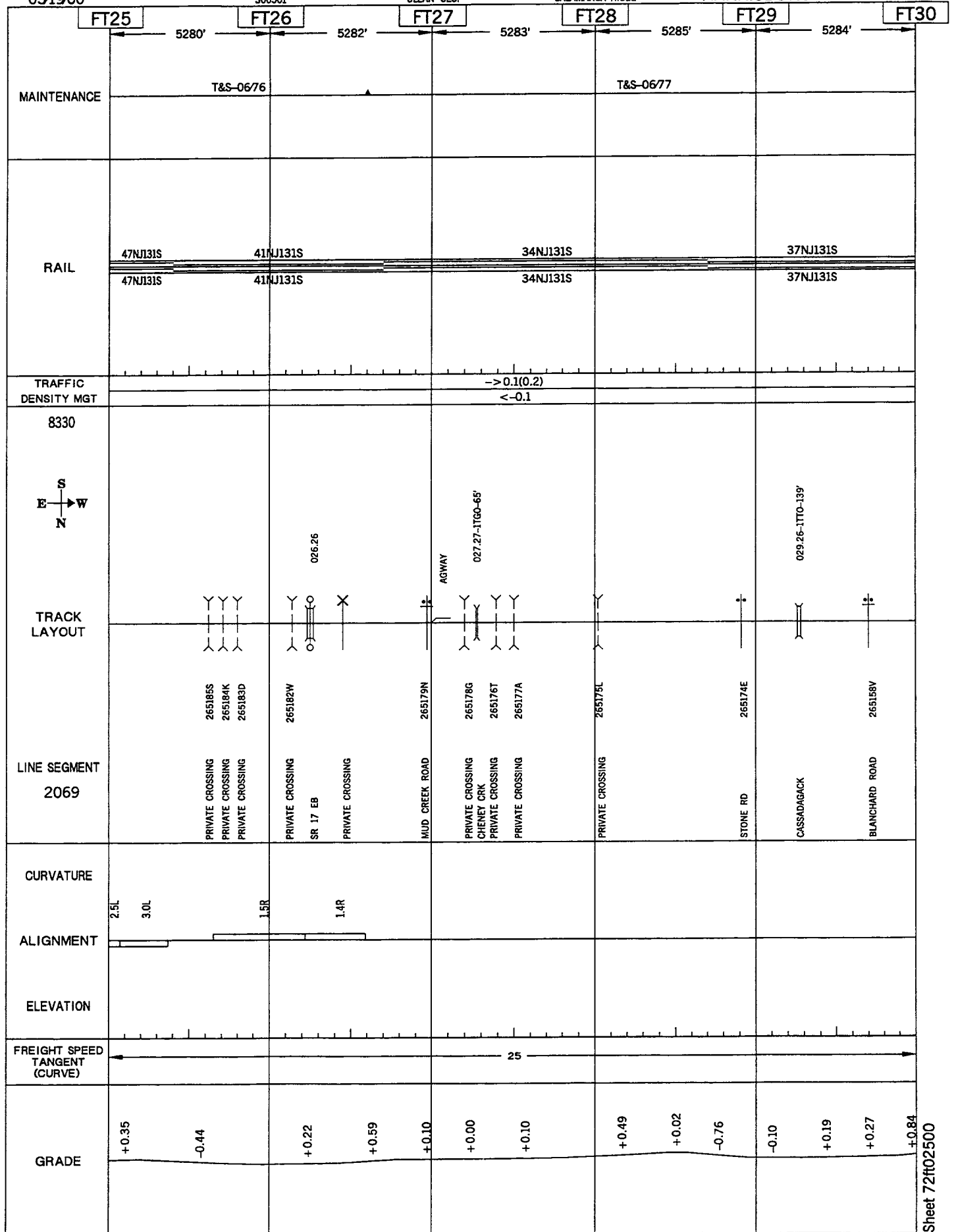
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SALAMANCA-NIOBE

HARRISBURG



533

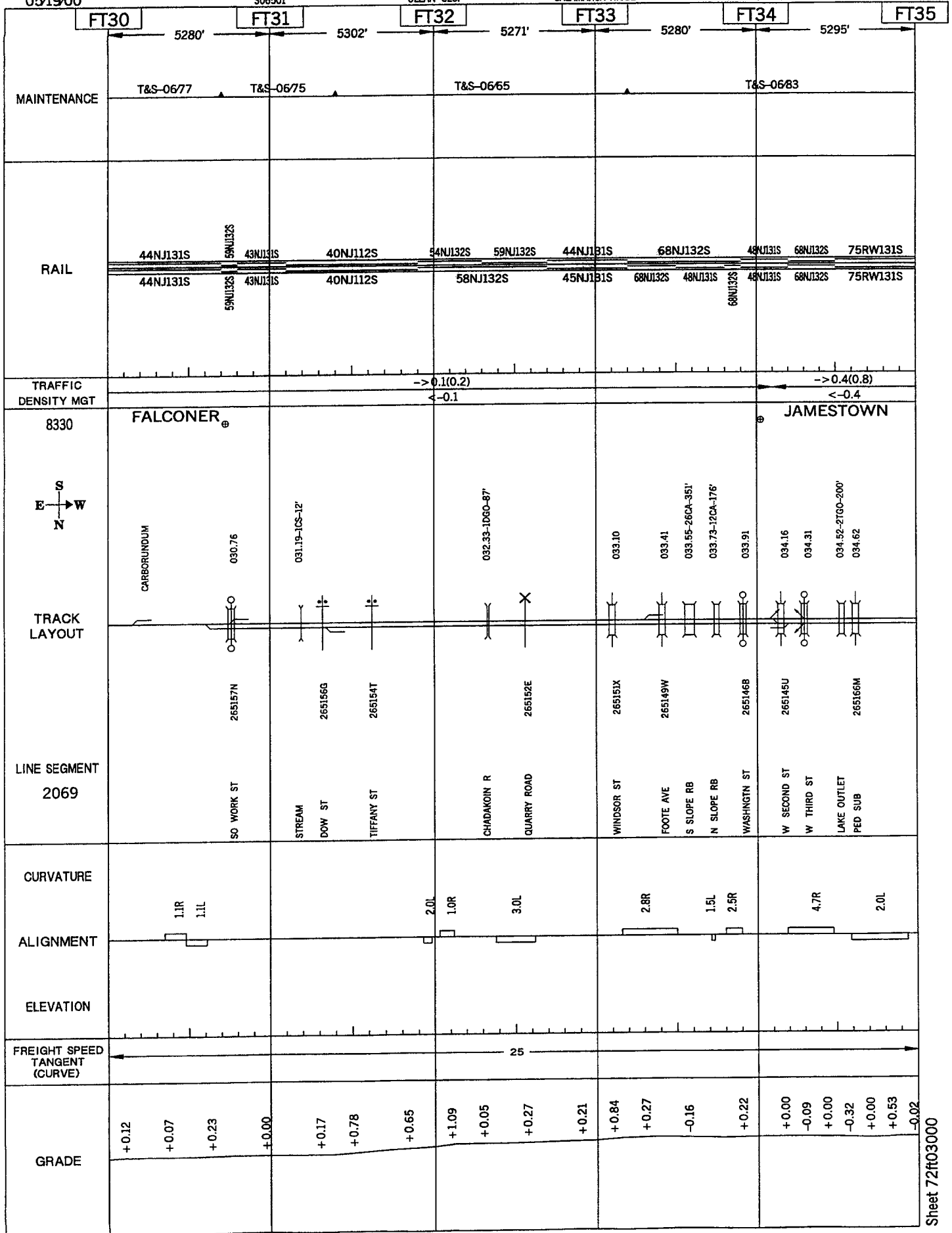
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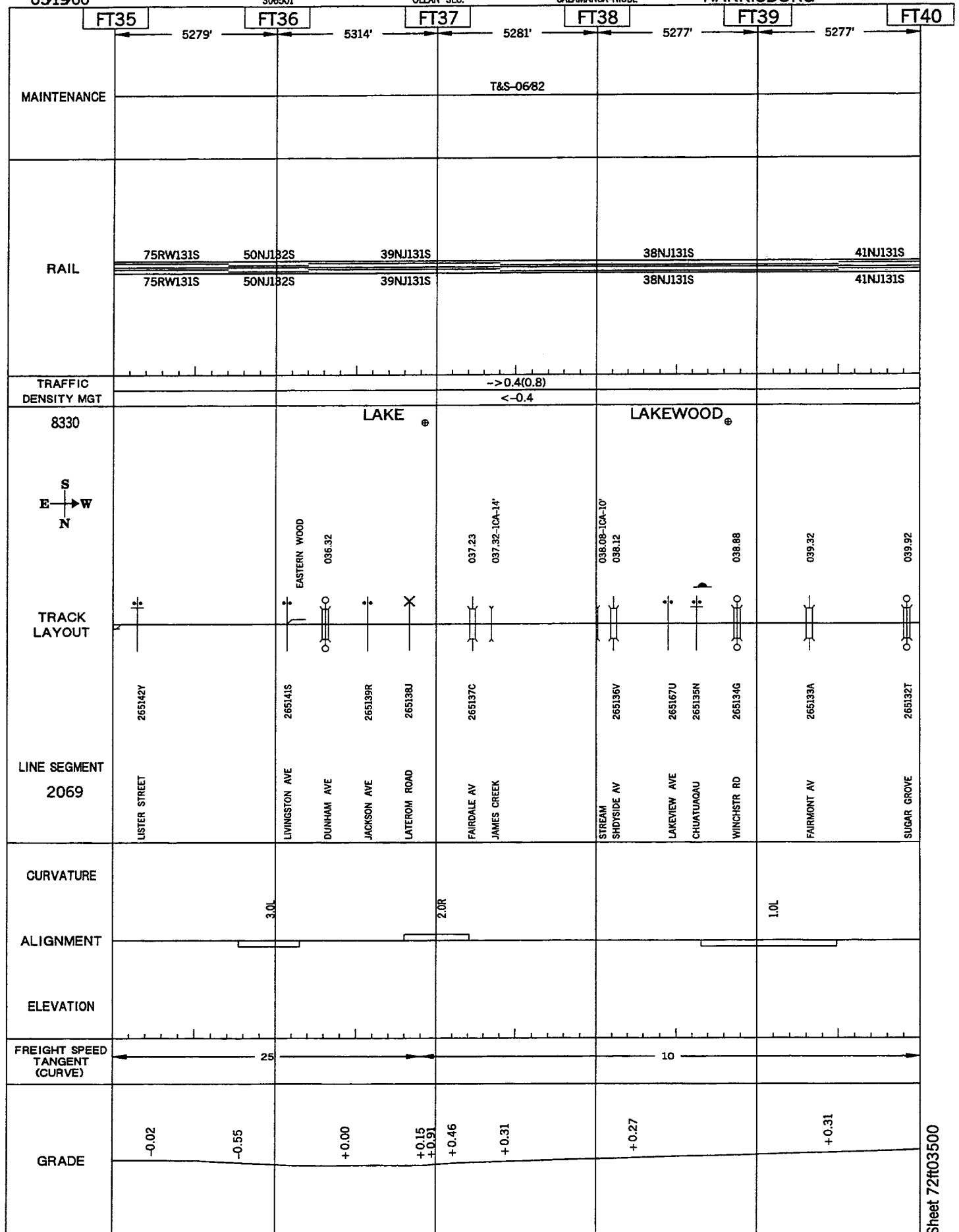
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SALAMANCA-NIOBE

HARRISBURG



535

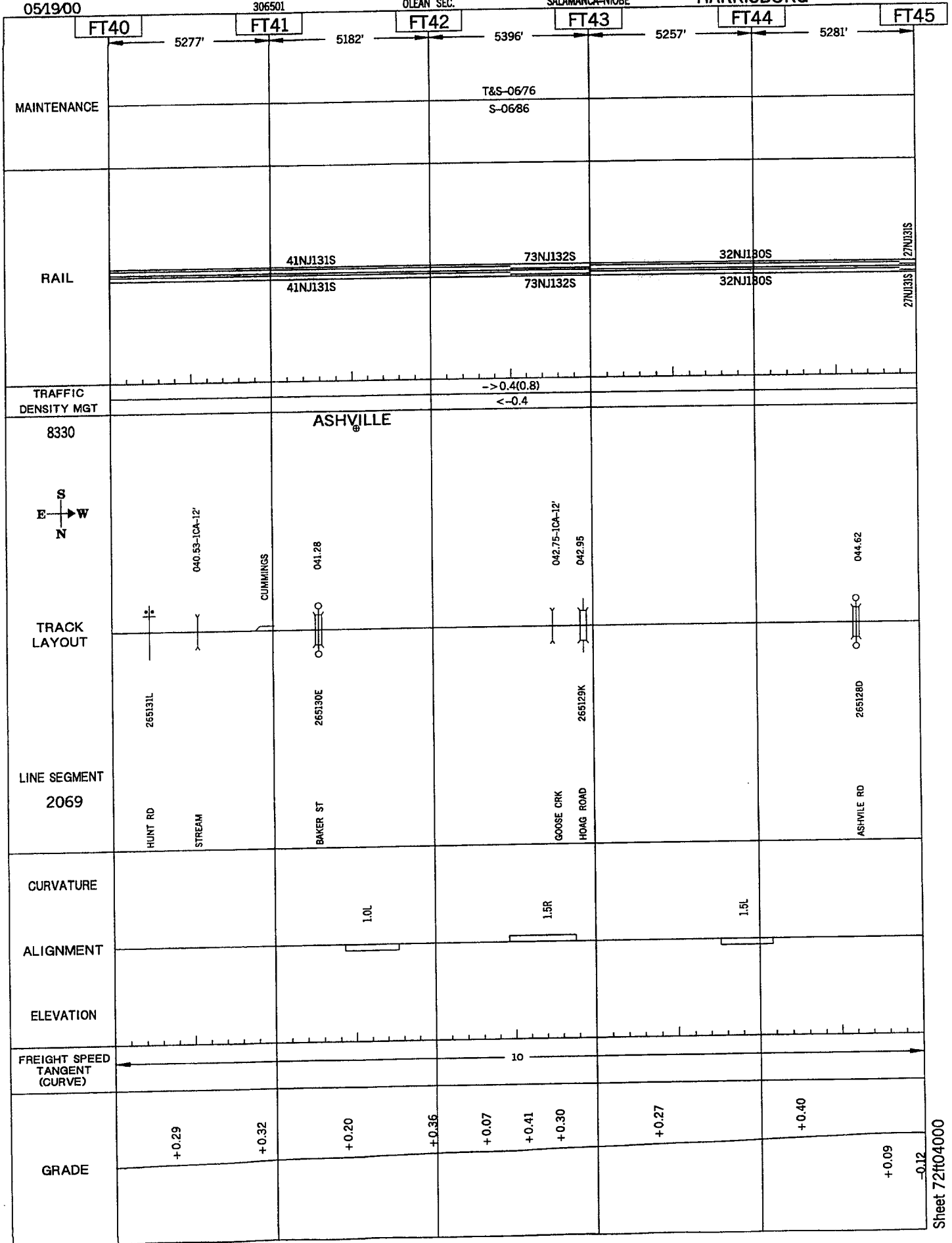
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536

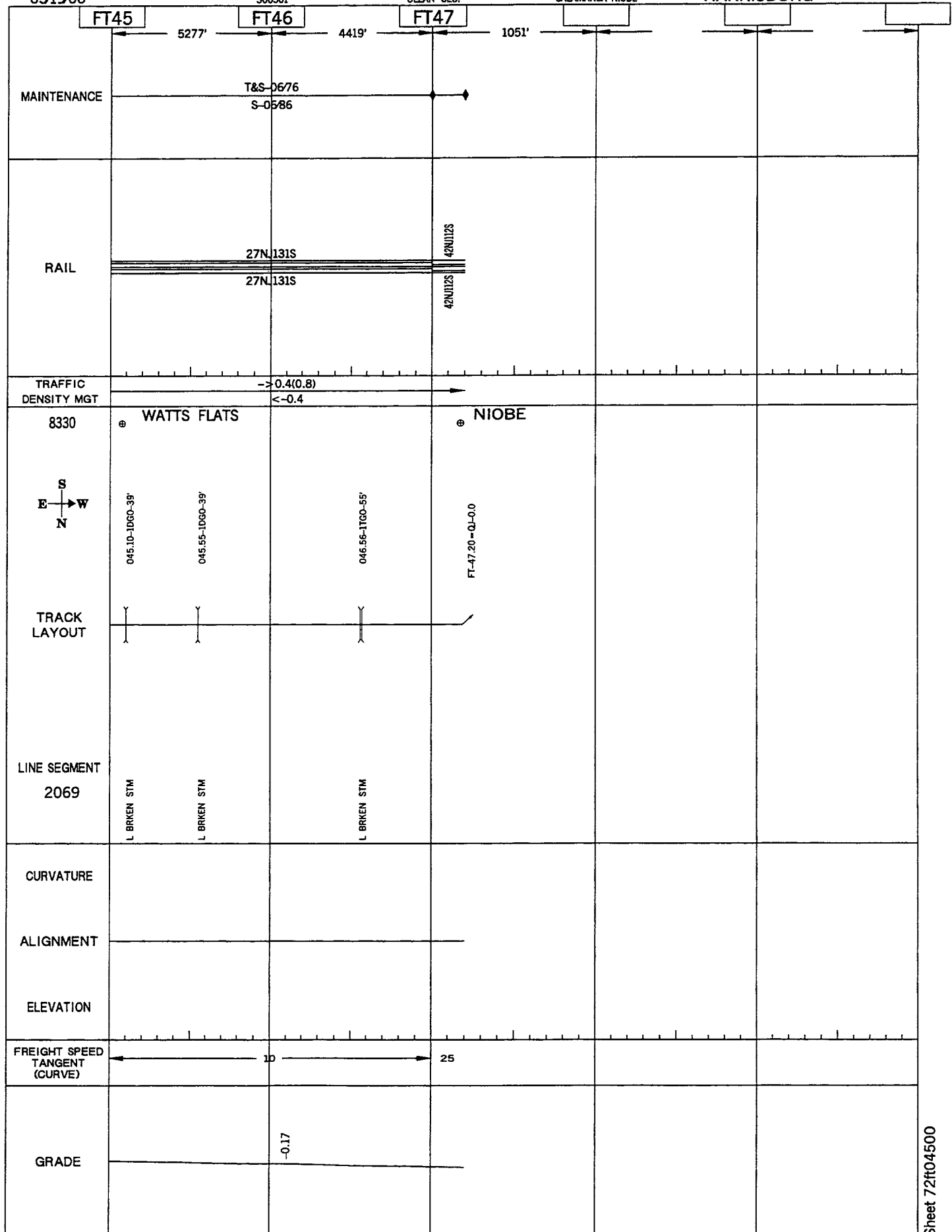
051900

306501

OLEAN SEC.

SALAMANCA-NIOBE

HARRISBURG



Explanation of Graphic Display Conventions

Top Margin - (Left to Right)

- 1) Data shown represents when drawing was prepared.
- 2) Items correspond to:
 District, Branch and Spur when applicable. (Original NS System)
 or
 Old Division name, and From-To station names. (Original NS System)
 or
 RDBR, Line Name, From-To station names. (Original CR System)
 or
 District, Line Name, From-To station names. (Shared Asset)
- 3) Operating Division name.
- 4) Sheet number within Operating Division.

Milepost Data Band -

- 1) Current milepost designation with prefix or suffix.
- 2) Actual distance between milepost markers in feet.

Maintenance Section -

T&S date displayed above each main and surfacing data displayed below each main. Surfacing date is suppressed when prior to T&S date. Vertical tick-marks above or below each main show break points for T&S and/or surfacing. To avoid confusion with the year 2000 (or 00) any T&S or Surfacing record with a date of 1920 or earlier is displayed as year 1920 (or 20).

Rail Section -

Data displayed above the graphic for each main represents the left rail and data displayed below the graphic for each main represents the right rail (viewed in increasing milepost direction). Representation gives year laid, rail type, rail weight and premium (P) vs. standard (S) rail. Rail graphic change indicates break point in data values. Rail type codes are shown in Table 1. To avoid confusion with the year 2000 (or 00) any rail with a laid date of 1920 or earlier is displayed as the year 1920 (or 20).

Traffic Density Section -

Annual density displayed in millions of gross tons rounded to tenths. Note this results in density less than 50,000 tons being rounded to zero. Direction of traffic is shown with arrows. Density by track is also shown with track identification.

Track Layout Section -

- 1) Left hand margin gives valuation map I.D., track timetable direction (compass rose) and line segment reporting number.
- 2) Station names and locations are displayed at topmost position in the track layout section (immediately below the traffic density section). Those stations shown in bold print only are timetable stations and those station names which are enclosed in parentheses are non-timetable (reporting) stations.
- 3) Territory markers (traffic control, test miles, yard limits, state lines, county/incorporated lines) are generally displayed in the area just below the station names. However, on occasion, test miles are displayed below the track line in order to alleviate print congestion problems on some pages.
- 4) Bridge technical specifications are displayed in the top center area between the station names and the track layout. This specification is Bridge number (in milepost format), number of spans, structure construction, and length of structure. See Table 2 for explanation of structure construction codes.
- 5) Signals, signal structures, AEI scanners, microwave towers, radio base stations, telephones, and the various types of wayside detectors are displayed on the appropriate side of the track and in the area just above or just below the track diagram.
- 6) The track diagram for main line, side tracks, crossovers, leads and yard track including types of turnouts between single main and double main territory is displayed in the center of the track layout section. Details of this display are limited to switches on main track and adjacent track. Also shown in this area are the graphic symbols for the various grade crossing types, clearance detectors, overpasses, underpasses, bridges, tunnels, and other overhead structures.

The common names (street, highway, river) associated with these graphic symbols are displayed at the bottom of the track layout section. Note: For railroad crossings at grade, the display convention, when available, is: Owning Road, Crossing Type, Angle and Maintaining Road.

- 7) The AAR number (DOT number) for each road crossing is displayed in the band which runs just below the track layout display and just above the common name display at the bottom of the track section. This DOT number consists of seven characters (six numbers and a letter) and lines up with the graphic symbol on the track line and its common name at the bottom.
- 8) Other information which may be displayed in the track layout section includes:
 - Industry names associated with various switches and sidings.
 - Equalities which show where two (or more) different lines connect with each other. The format for this display is milepost Junction Point (on the line being displayed) = milepost Junction Point (on the line which is connecting at this point). Note: An = symbol means the lines connect directly and a / symbol means the lines connect indirectly through a yard or side track.)

Alignment Section -

- 1) Graphic representation is given for curve direction and length for each main.
(Note: Representation is currently provided for track 1 only. In double track sections track 2 is only a copy of track 1 and may not represent actual conditions.)
- 2) Curvature is specified to tenths of a degree above each main along with left/right indication.
- 3) Location of wheel flange lubricators are given along mains.

Freight Speed Section -

Curve and tangent speed limits taken from the timetables. The curve speed limit (shown within parentheses) is suppressed if it is the same as on tangent track. The speed limit on #2 track is suppressed if it is the same as on #1 track.

Grade Section -

Grade shown is based on ascending milepost direction.

Ruling grades are based upon determination made by Operations Research and are stated in the uphill direction, e.g. "Bluefield to Roanoke", regardless of whether the uphill direction is ascending milepost or descending milepost.

TABLE 1
RAIL LETTER CODES

N	New rail
R	Relay rail
W	Welded rail
J	Jointed rail
F	Field welded rail
P	Premium Rail (head hardened)
S	Standard Rail (non hardened)

TABLE 2
BRIDGE TYPE CODES

Type of Bridge Structure

BS = Beam Span
BA = Brick Arch
CA = Concrete Arch
CB = Concrete Box
CS = Concrete Span
DG = Deck Plate Girder
DT = Deck Truss
MA = Masonry Arch
MS = Mixed Span
SA = Structural Plate Arch
TG = Through Plate Girder
TT = Through Truss
WT = Timber (Wood) Trestle

Deck Construction

O = Open Deck
B = Ballast Deck
C = Combination

Data Sources

This book is prepared and published by the Engineering Systems office in Atlanta. It is based on update and correction information supplied to Engineering Systems by various sources throughout the Norfolk Southern System. The vast majority of information is supplied by the office and field personnel of the Maintenance of Way, Signal, Communications and Transportation Departments. This information is supplemented and verified by videos taken by the NS-31 test car during their normal test routine. Additional input is provided by various Engineering offices for such items as grade crossings, bridges and similar fixtures. Miscellaneous changes can come from any source (internal or external to NS) as long as some verification of the validity of the information can be obtained.

Engineering Systems makes every effort to insure that the information presented in these books is accurate and up-do-date. It should be noted however, that the accuracy of the information presented is limited by the following constraints:

- **The information supplied to Engineering Systems comes from many varied sources and cannot always be confirmed before the book is published.**
- **The track system is constantly changing and the book can only represent some point in time. Therefore, the book may not reflect the actual conditions present at some later point in time.**
- **Not all changes and corrections are noted and reported to Engineering Systems.**

In order to minimize the effect of the above limitations these books are currently published on an annual basis.