



Harrisburg Division

Includes

**Delmarva Business Unit
(DMBU)**

2009

***This book is intended for
GENERAL REFERENCE ONLY
and is NOT to be used for operational purposes.***

The speed display has been revised to show the authorized speed for rail-highway trains where applicable. The maximum authorized speed for freight trains is 50 mph as defined by the System Timetable. See Explanation of Graphic Display Conventions for more details.

This book is prepared and published by the office of Engineering Design and Construction-Atlanta and is based on information contained in two data sources: (1) the Corporate Track Database (CTRK), and (2) the Engineering D&C data file.

NS Corporate Track Database (CTRK):

Information related to rail, T&S, surfacing, curves, elevation, speeds, and, speed restrictions is obtained from the Corporate Track Database (CTRK). Various departments are responsible for maintaining their data in this database. Questions or information concerning changes, corrections, additions, or deletions to these records should be directed as follows:

Rail, T&S, Surfacing:	Engineering MW&S Department Leonard H. Patrick, Manager Program & Schedules MEMO: LHPATRIC PH. (404) 529-1456 E-MAIL: leonard.patrick@nscorp.com
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Curves, Elevations And Curve Speeds:	Engineering D&C Department J. C. Bamert, System Track Analyst MEMO: JCBAMERT PH. (404) 529-1204 E-MAIL: joe.bamert@nscorp.com
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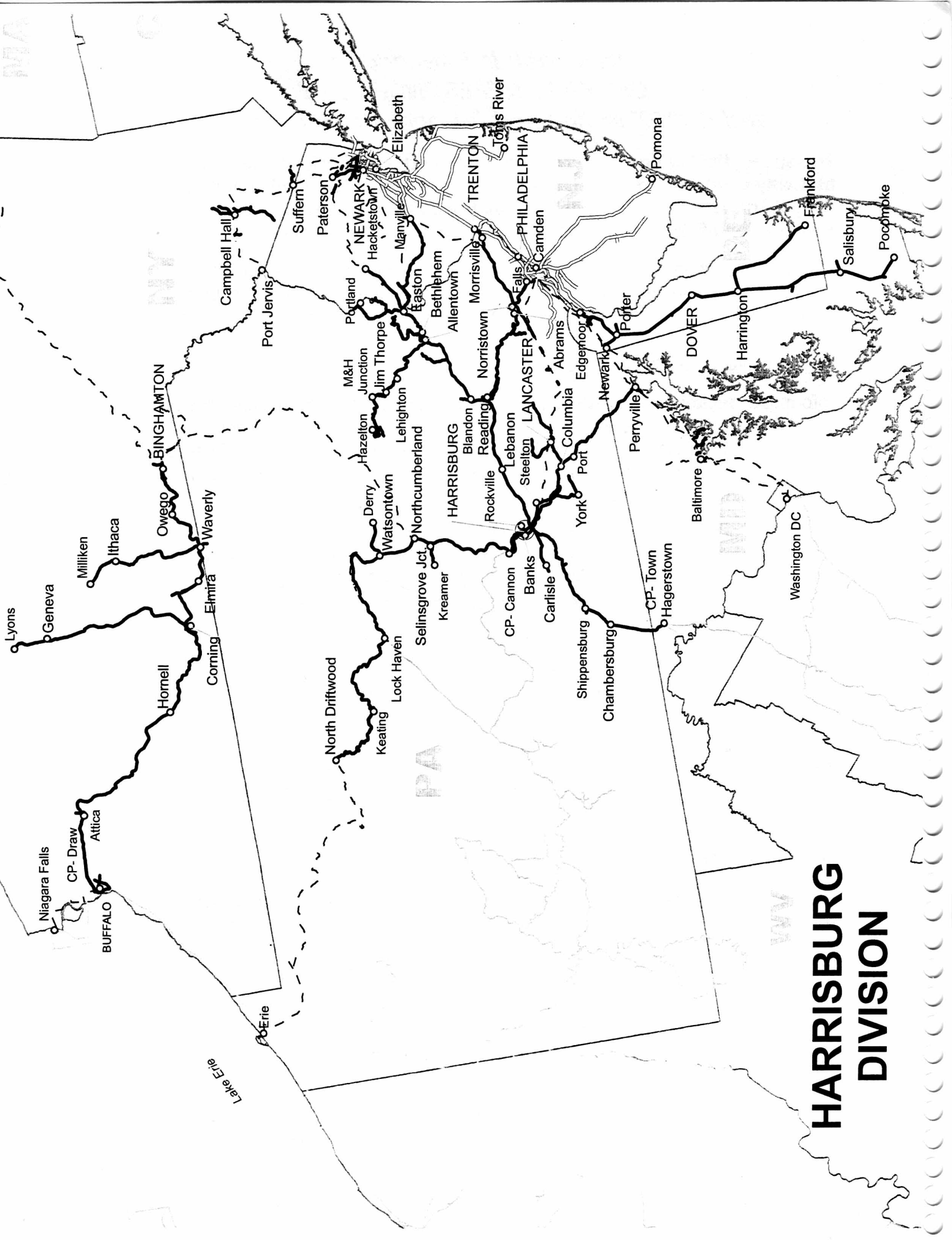
Operating Speeds & Speed Restrictions:	Transportation Department K. L. Ricks, Systems Manager Transportation MEMO: KLRICKS PH. (404) 529-2298 E-MAIL: kevin.ricks@nscorp.com
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Engineering D&C Database:

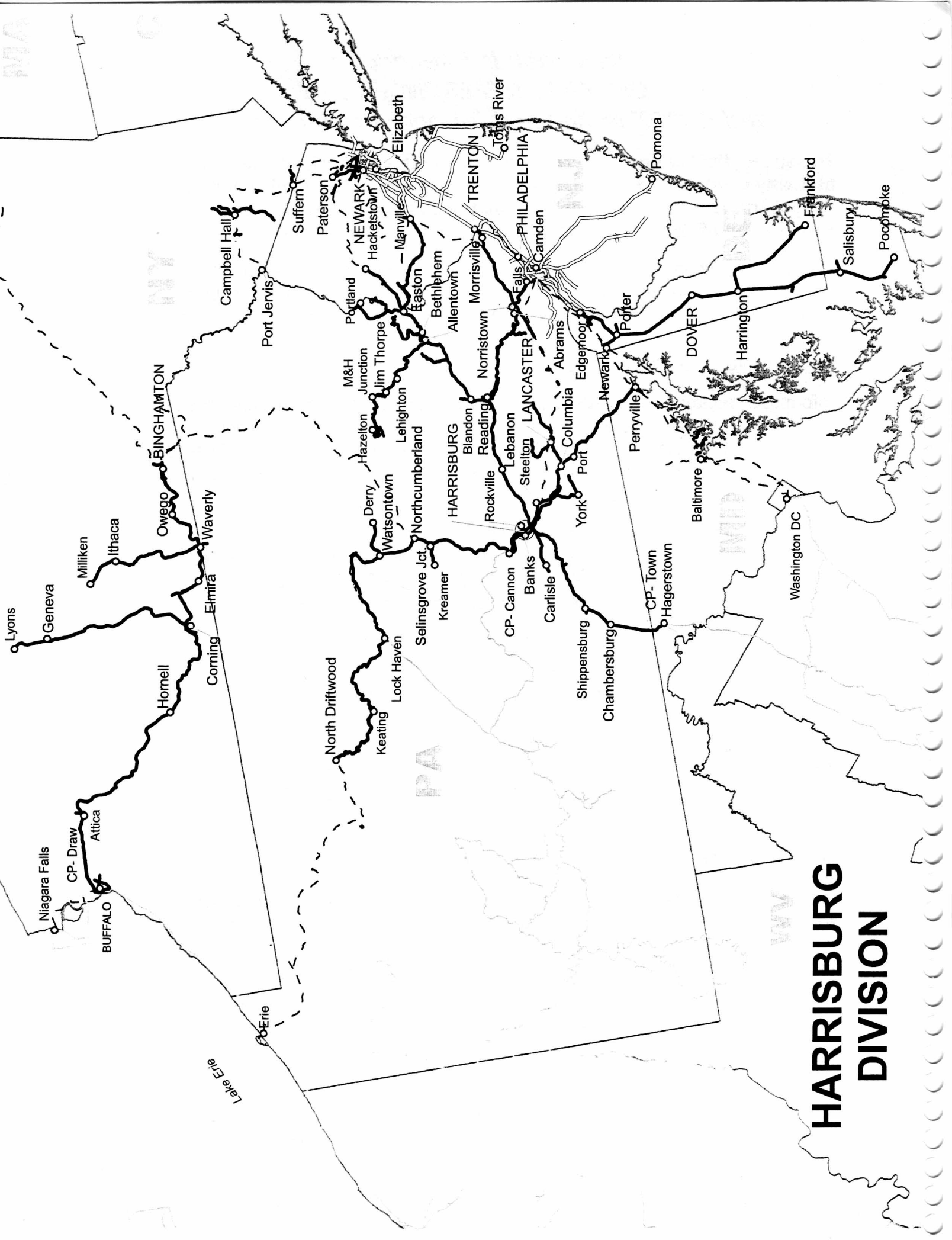
Engineering D&C maintains a departmental database, which is used to generate the track layout section or center portion of the track chart diagram. Questions or information concerning changes, corrections, additions, or deletions to this section should be directed to the Engineering D&C office as follows:

MAIL:	Engineering D&C 1200 Peachtree St, NE - Box 7-142 Atlanta, GA 30309-3579	FAX: (404) 529-1369
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<u>E MAIL:</u>	<u>MEMO:</u>	<u>PHONE:</u>
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owen.russell@nscorp.com	ORRUSSEL	(404) 529-2222



HARRISBURG DIVISION



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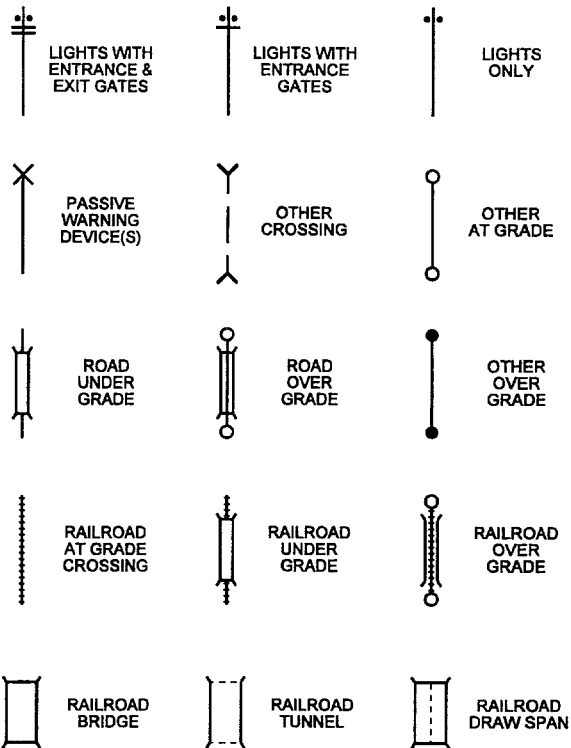
NJ/PA LINE-E SLATEFORD JCT
 LOUDON PARK-STOCK YARD
 PERRYVILLE-PORT
 EASTON-PORTLAND
 MOUNTAIN VIEW-POMPTON JCT
 HARRIS-CP CANNON
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 BELVIDERE
 MANHEIM
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 BINGHAMTON-CP DRAW
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 HAZLETON JCT-HARLEIGH JCT
 CP BLANDON-CP BELT
 LITTLE FALLS-MOUNTAIN VIEW
 CP TULP-WYOMISSING JCT
 CORNING-GANG MILLS
 CARL-MT. HOLLY SPRINGS
 READING
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 BUFFALO
 WAGO-YORK
 LANCASTER-COLUMBIA
 NEWBURG JCT-HARRIMAN
 WILMINGTON
 WALL-ZINNS MILL
 BROOK-QUARRY
 FOREST HILL-GREAT NOTCH
 WASHINGTON-END

OR - 080.50 - 082.40
 OV - 000.00 - 001.10
 PD - 000.30 - 039.70
 PO - 000.00 - 022.00
 PQ - 021.40 - 022.10
 PT - 104.90 - 119.16
 PX - 000.00 - 003.10
 QE - 064.00 - 065.30
 QF - 000.00 - 000.40
 QH - 000.00 - 010.80
 QM - 000.00 - 003.60
 QO - 150.70 - 151.80
 QR - 271.60 - 273.20
 QT - 000.00 - 002.30
 QU - 000.00 - 001.55
 RT - 001.30 - 007.50
 RV - 007.50 - 036.30
 RY - 000.00 - 021.46
 SE - 000.00 - 022.60
 SI - 000.50 - 021.00
 SR - 213.00 - 423.15
 SV - 000.00 - 007.70
 TH - 145.80 - 149.60
 TK - 000.00 - 005.40
 TO - 018.00 - 021.00
 TW - 008.10 - 009.40
 TZ - 071.74 - 074.70
 UH - 006.30 - 007.90
 UI - 058.20 - 060.60
 UJ - 000.00 - 001.90
 UQ - 008.80 - 010.20
 US - 000.00 - 001.00
 UT - 191.60 - 194.00
 VE - 000.00 - 001.80
 VI - 000.00 - 002.30
 VM - 060.10 - 066.60
 VQ - 000.00 - 000.40
 VR - 019.20 - 021.50
 VT - 192.80 - 196.60
 VY - 000.00 - 002.80
 WD - 058.00 - 080.30
 WH - 000.00 - 014.20
 WI - 029.14 - 032.90
 WO - 000.00 - 014.00
 YI - 000.00 - 004.40
 YR - 007.50 - 012.70
 YU - 000.00 - 000.90
 YX - 002.40 - 012.50
 ZL - 068.40 - 080.30
 ZU - 045.00 - 045.90
 ZV - 000.00 - 000.60
 ZW - 000.50 - 000.90
 000.00 - 001.50 - DG
 008.50 - 010.50 - OJ
 066.50 - 067.60 - TG

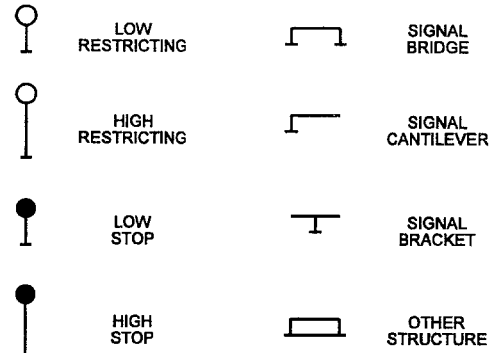
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TRACK CHART SYMBOL LEGEND

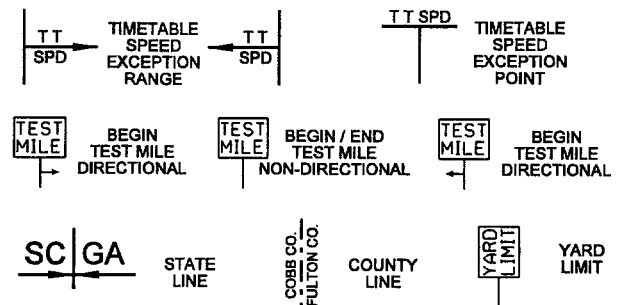
RIGHT OF WAY CROSSINGS



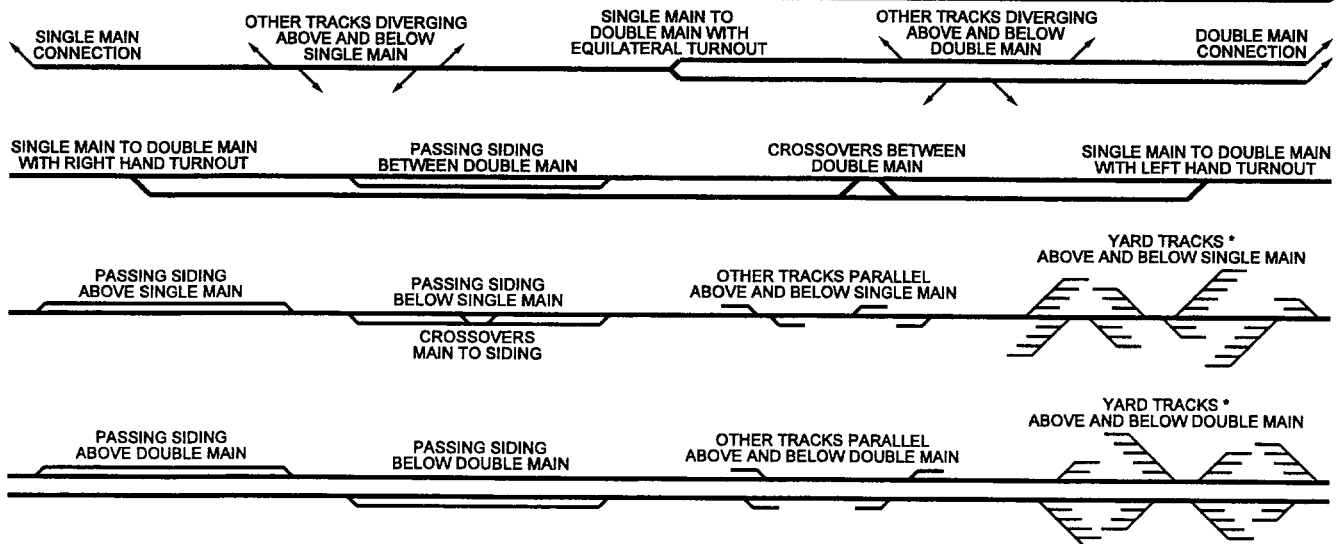
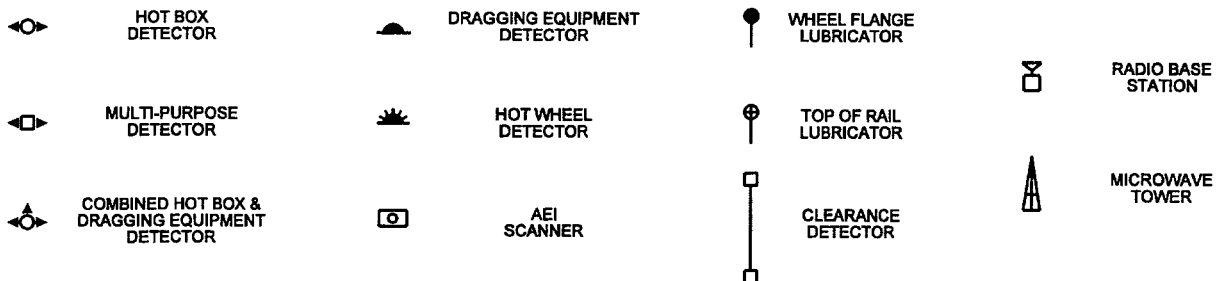
SIGNAL TYPES & SIGNAL STRUCTURES



MISCELLANEOUS ITEMS

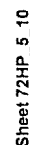


TRACK & COMMUNICATION EQUIPMENT



*YARD TRACK SYMBOLS MAY BE USED TO INDICATE MULTIPLE TRACKS TOO COMPLEX TO SHOW IN DETAIL

HP10



General Reference Only - Not for Operational Purposes

HARRISBURG

HARRISBURG LINE

FALLS-READING

HARRISBURG

General Reference Only - Not for Operational Purposes

09/29/2009

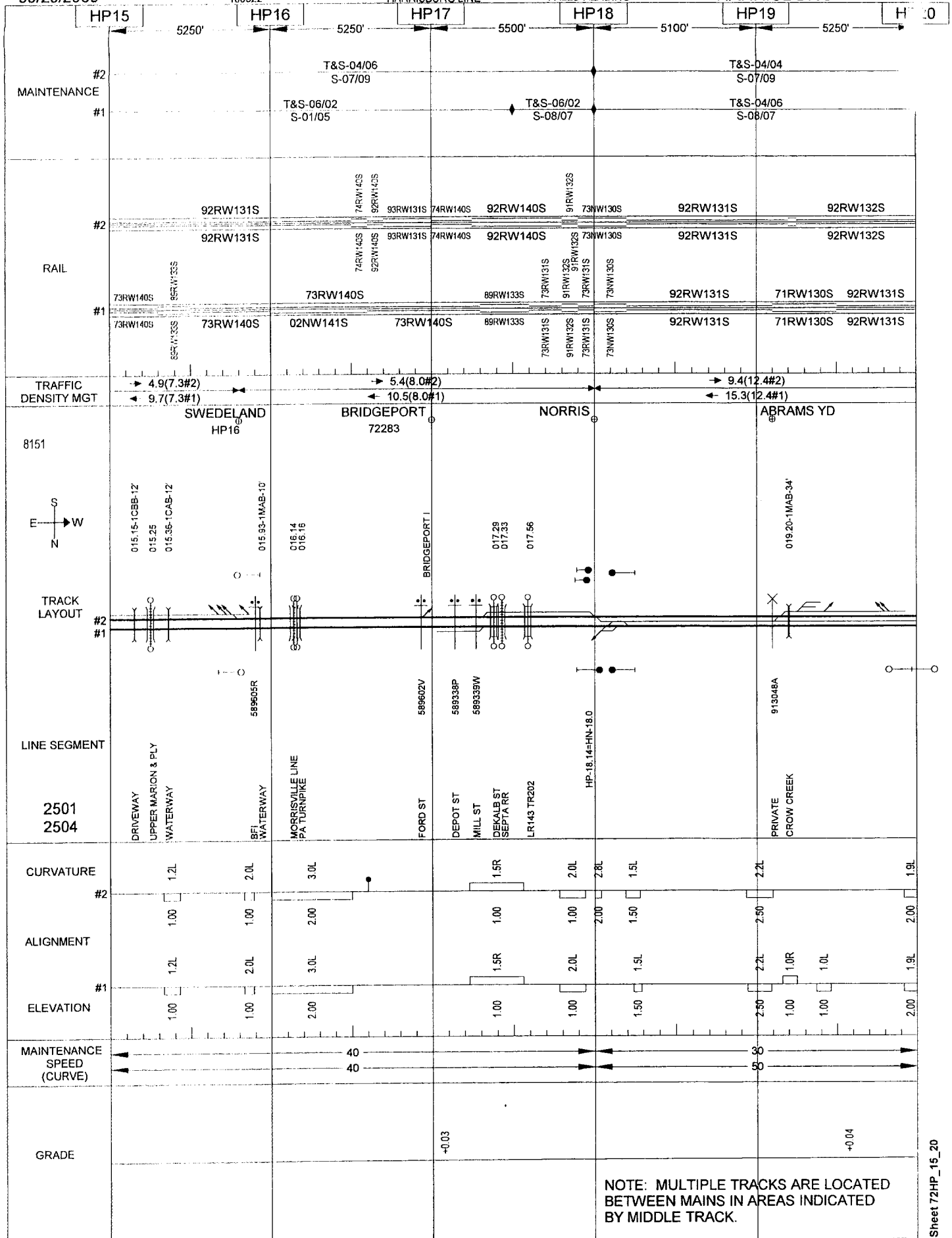
100322

003

HARRISBURG LINE

FALLS-READING

HARRISBURG



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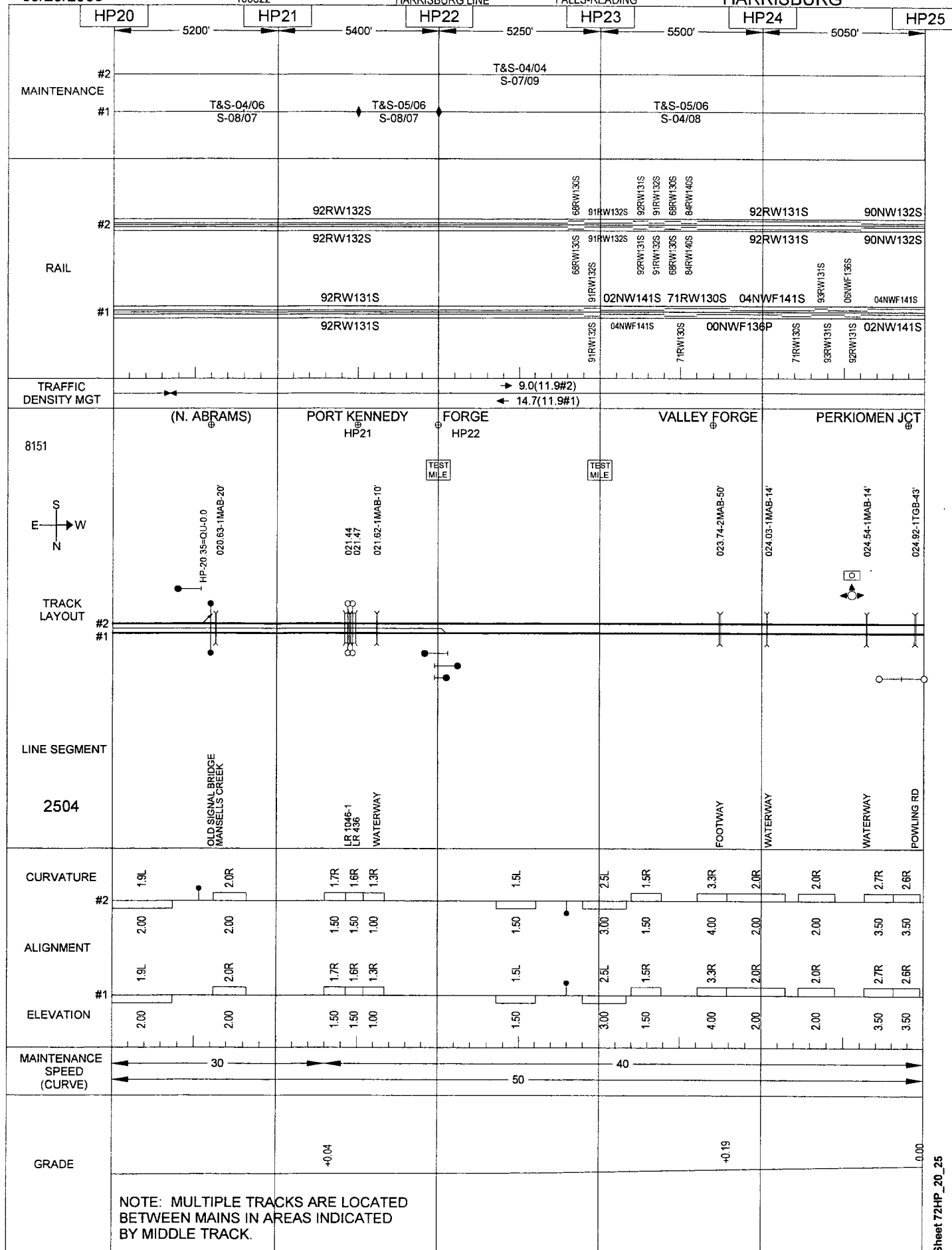
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004

HARRISBURG LINE

FALLS-READING

HARRISBURG



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09/29/2009

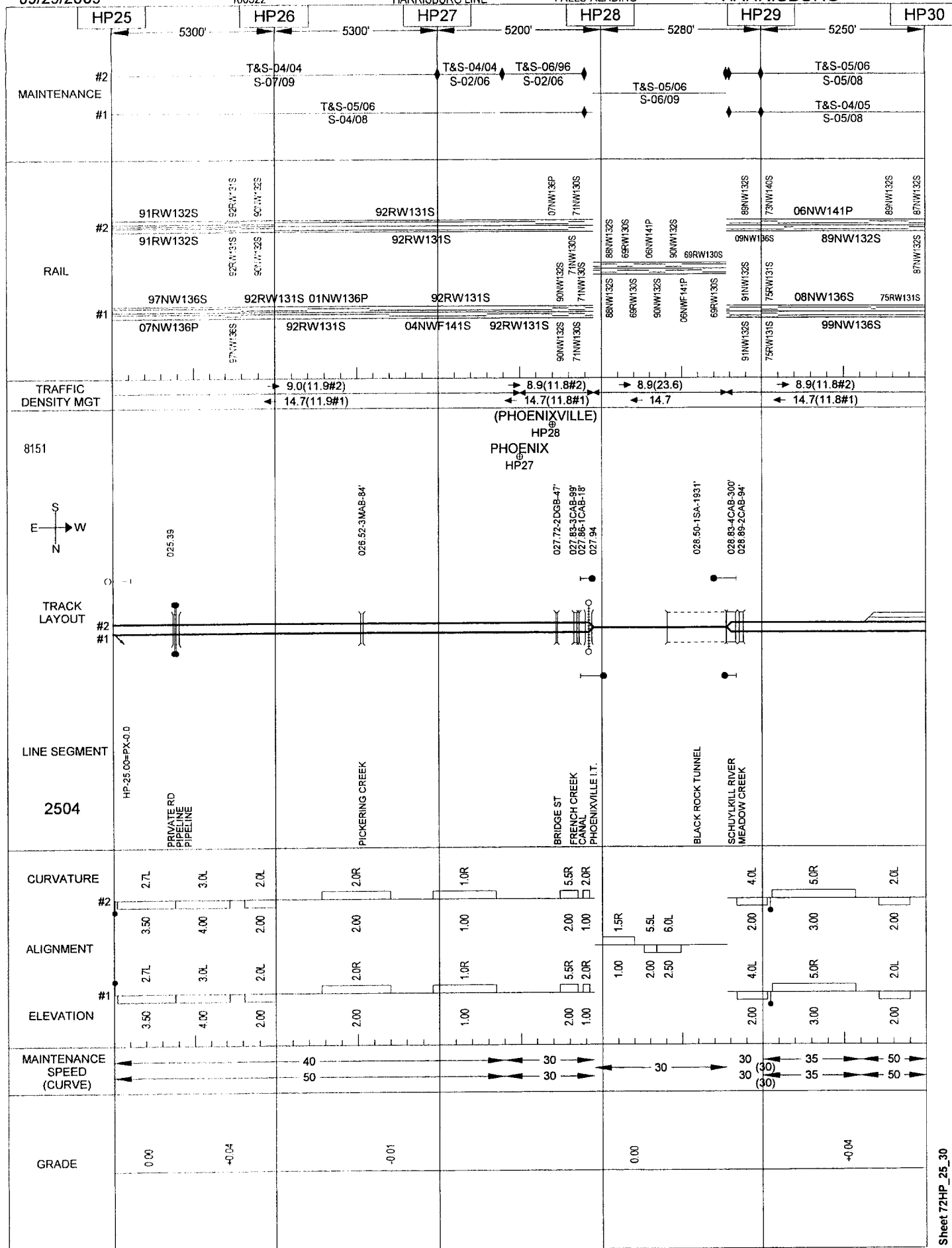
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005

HARRISBURG LINE

FALLS-READING

HARRISBURG



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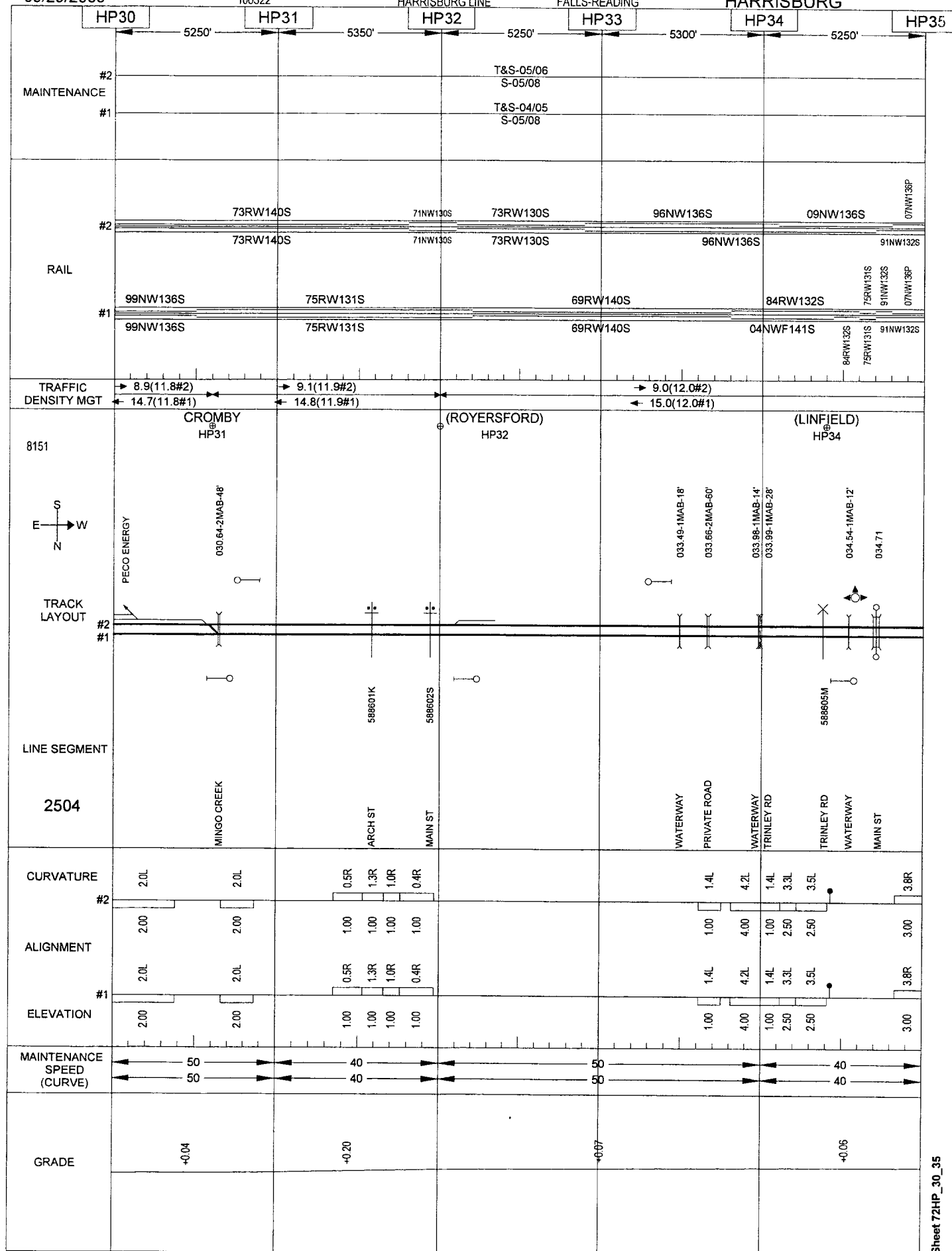
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006

HARRISBURG LINE

FALLS-READING

HARRISBURG



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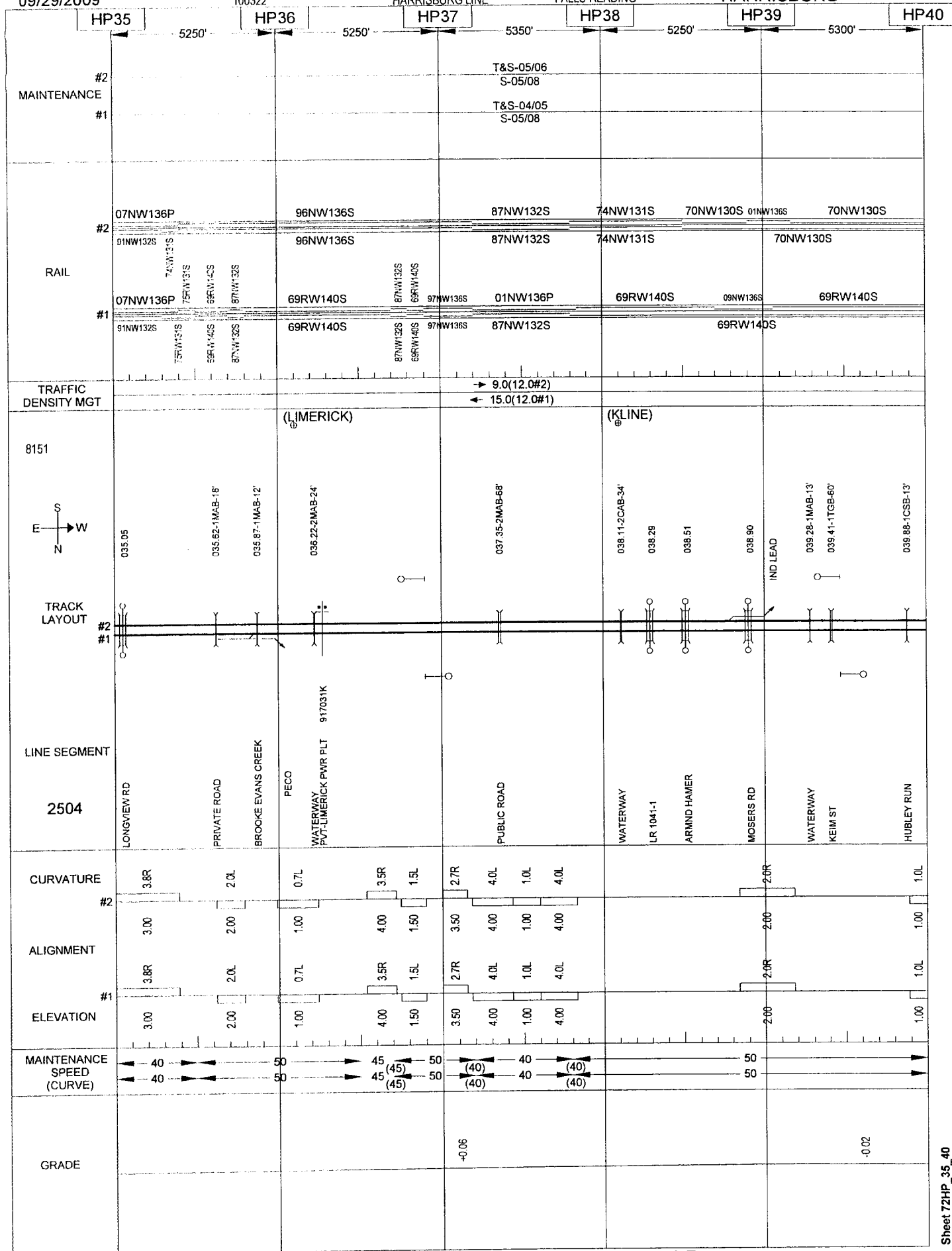
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007

HARRISBURG LINE

FALLS-READING

HARRISBURG



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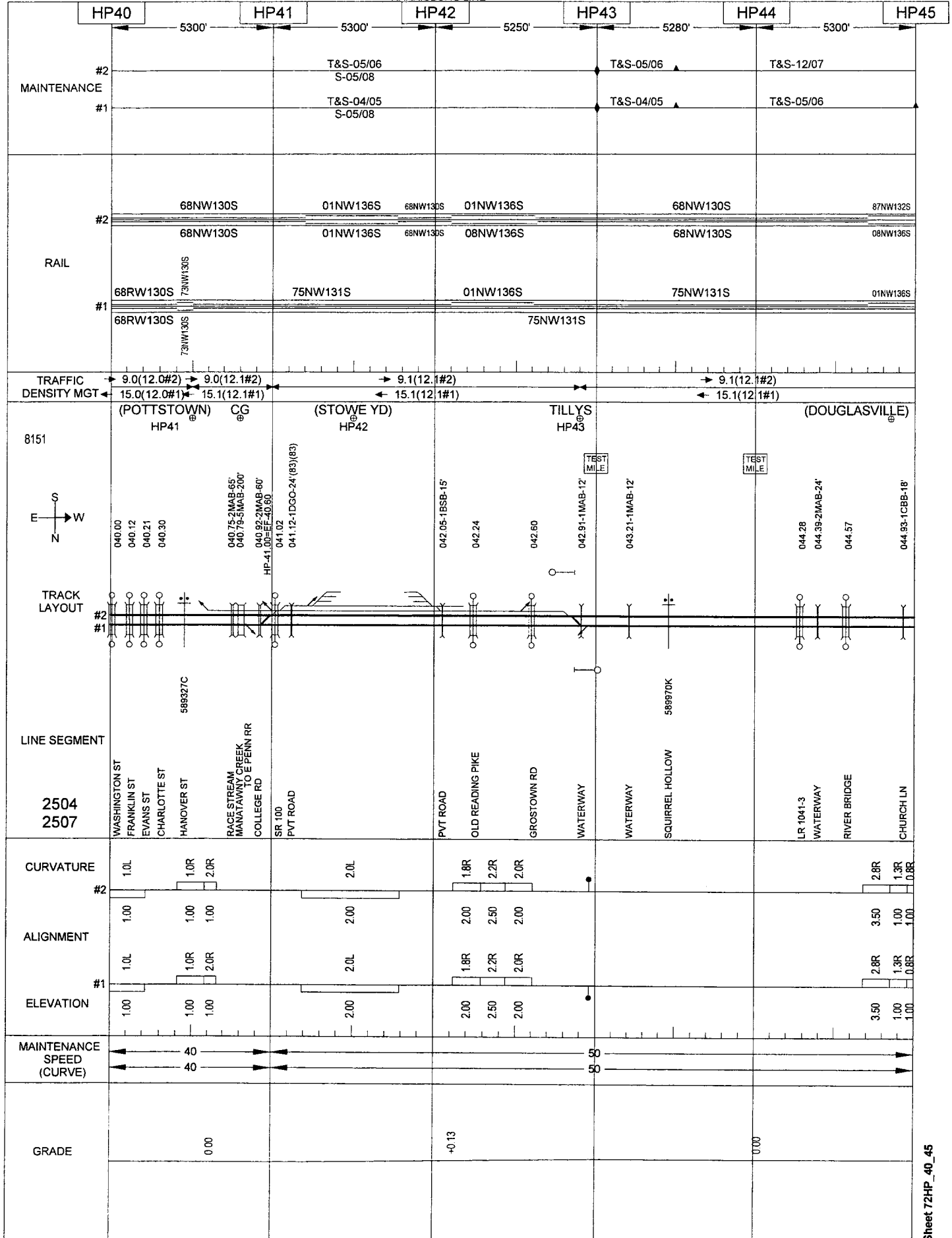
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008

HARRISBURG LINE

FALLS-READING

HARRISBURG



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HP45

HP46

HP47

HP48

HP45

HP50

5250'

- 5350'

5220'

- 5280'

— 530 —

MAINTENANCE

T&S-12/07

T&S-06/06

RAIL

#2

#1

TRAFFIC DENSITY MGT

8151

TRACK LAYOUT

LINE SEGMENT

2507
2510

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

045.53-2MAB-36'

046.12-1CSB-14'

046.31-1MAB-12'

046.95-2MAB-68'

MONOCARY RD
589965N

048.74-1MAB-10'

048 09 11648 102

049.52

0.22=GV-19.00

HARRISBURG

MAINTENANCE
#

T&S-12/07

T&S-06/06

RAIL

96NW136S
96NW136S
75NW131S

06NWF141P
89RVTRAFFIC
DENSITY MGT

→ 9.8(6.9#2)
← 3.9(6.9#1)

8151



TRACK LAYOUT

LINE SEGMENT

2510

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

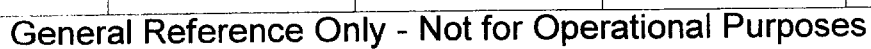
GRADE

0.16

-0.35

General Reference Only - Not for Operational Purposes

HP60



09/29/2009

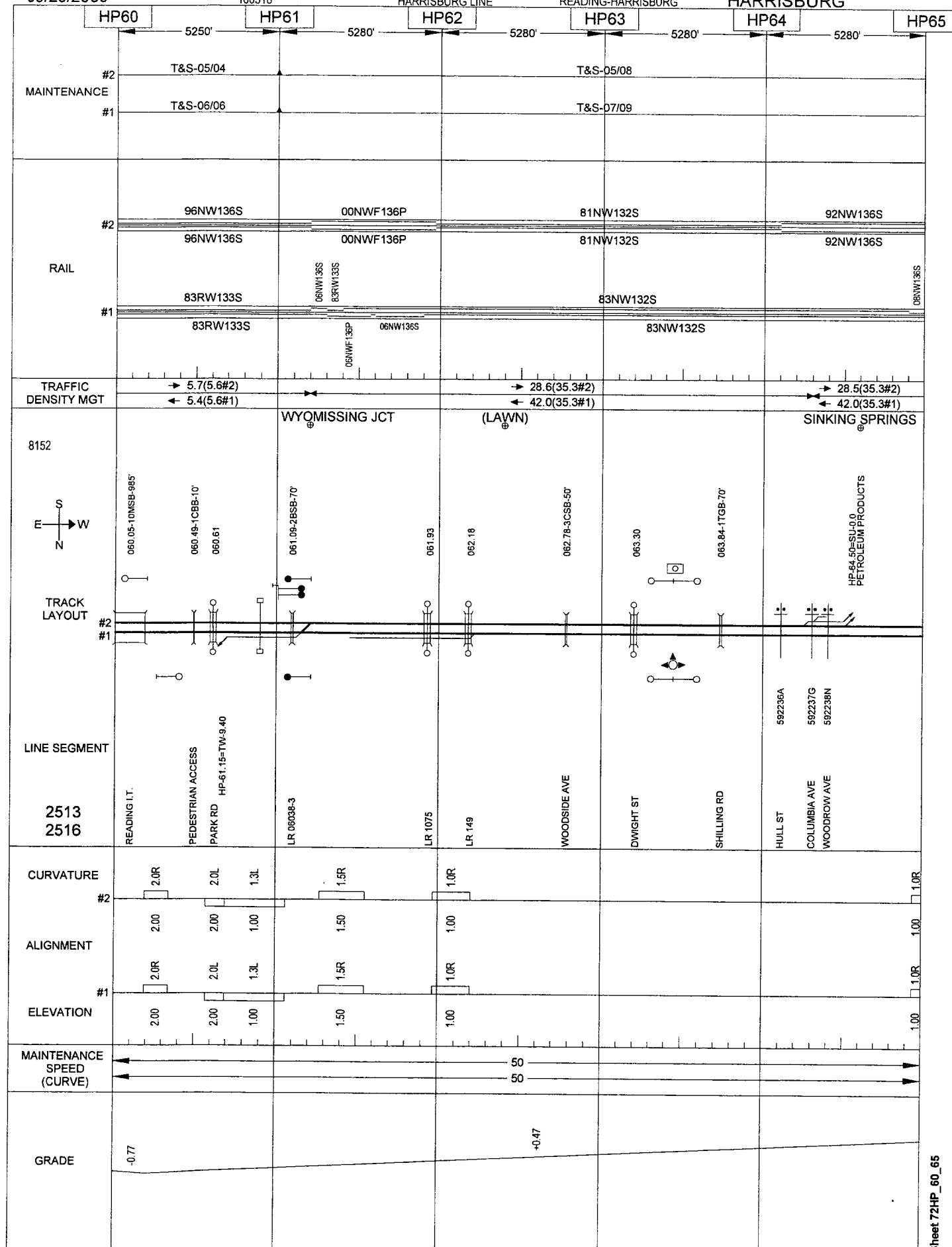
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012

HARRISBURG LINE

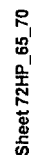
READING-HARRISBURG

HARRISBURG



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HP70



General Reference Only - Not for Operational Purposes

09/29/2009

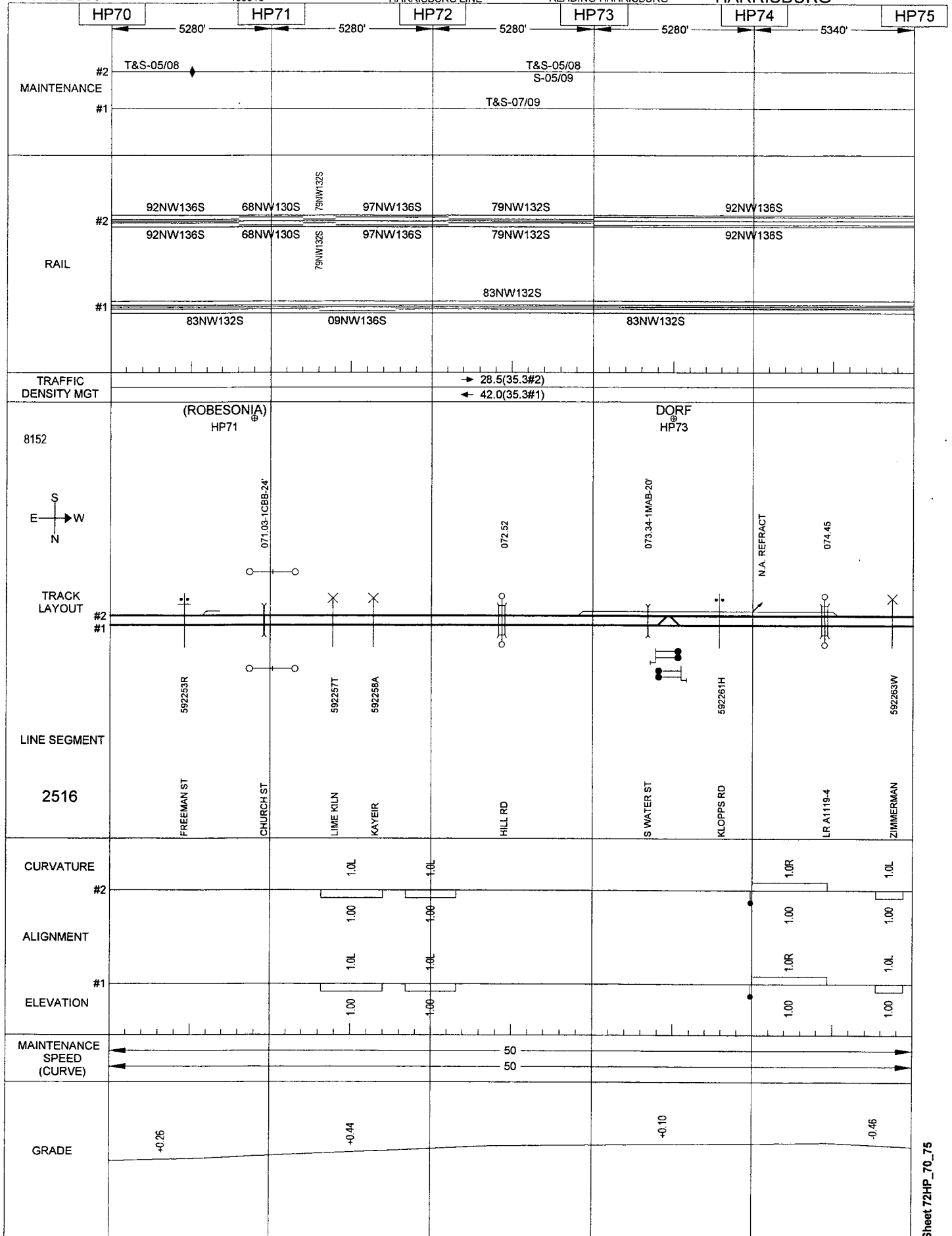
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014

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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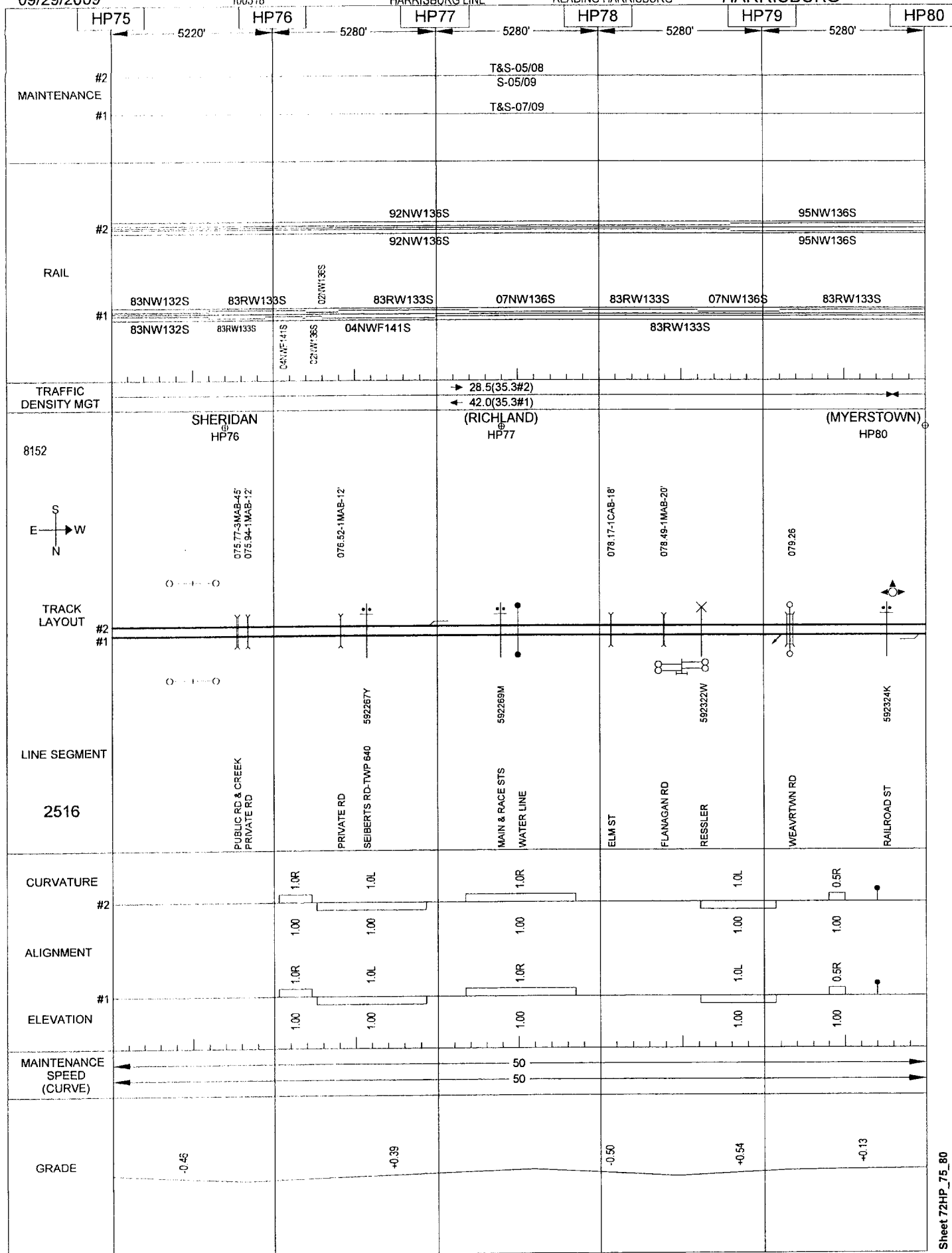
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015

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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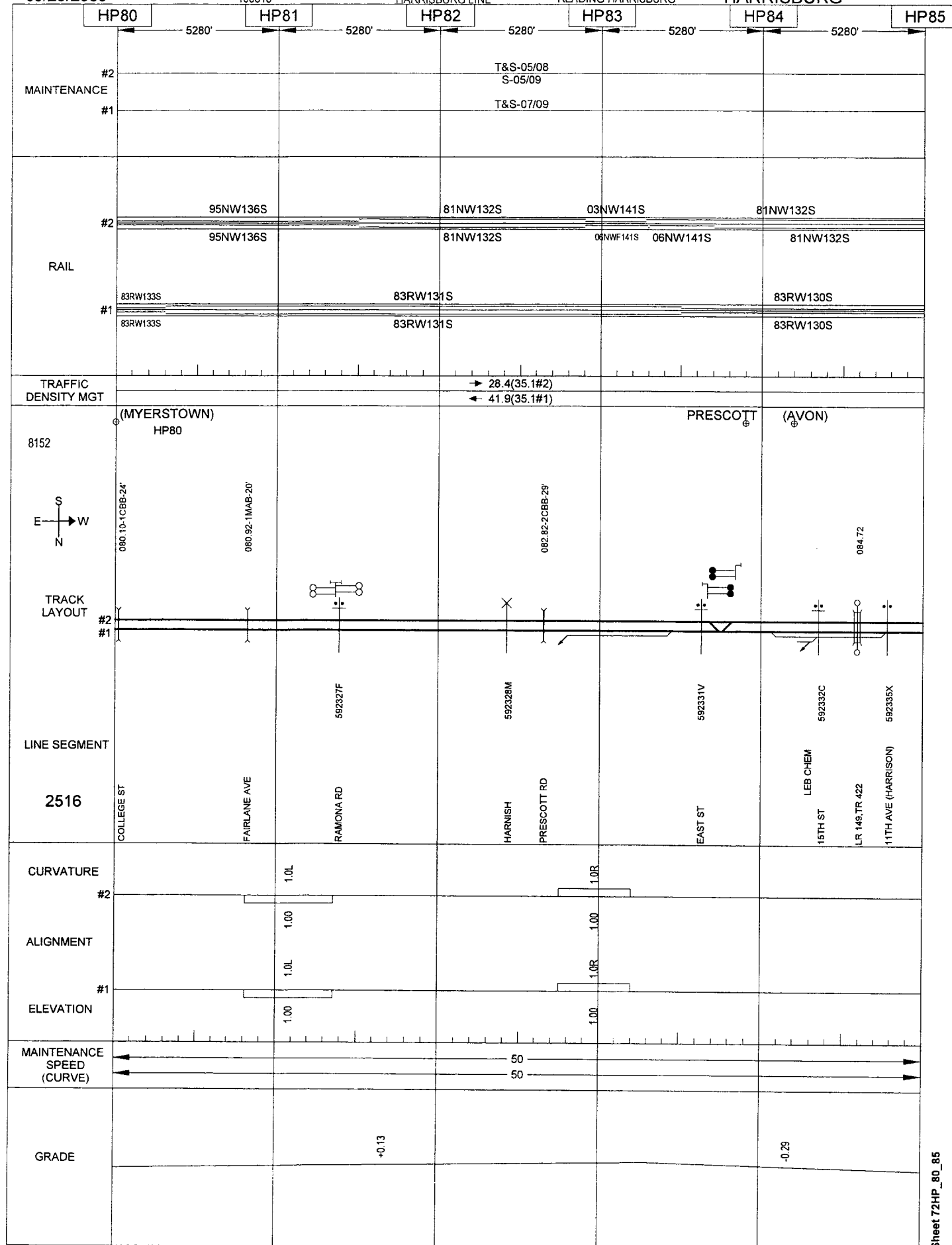
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016

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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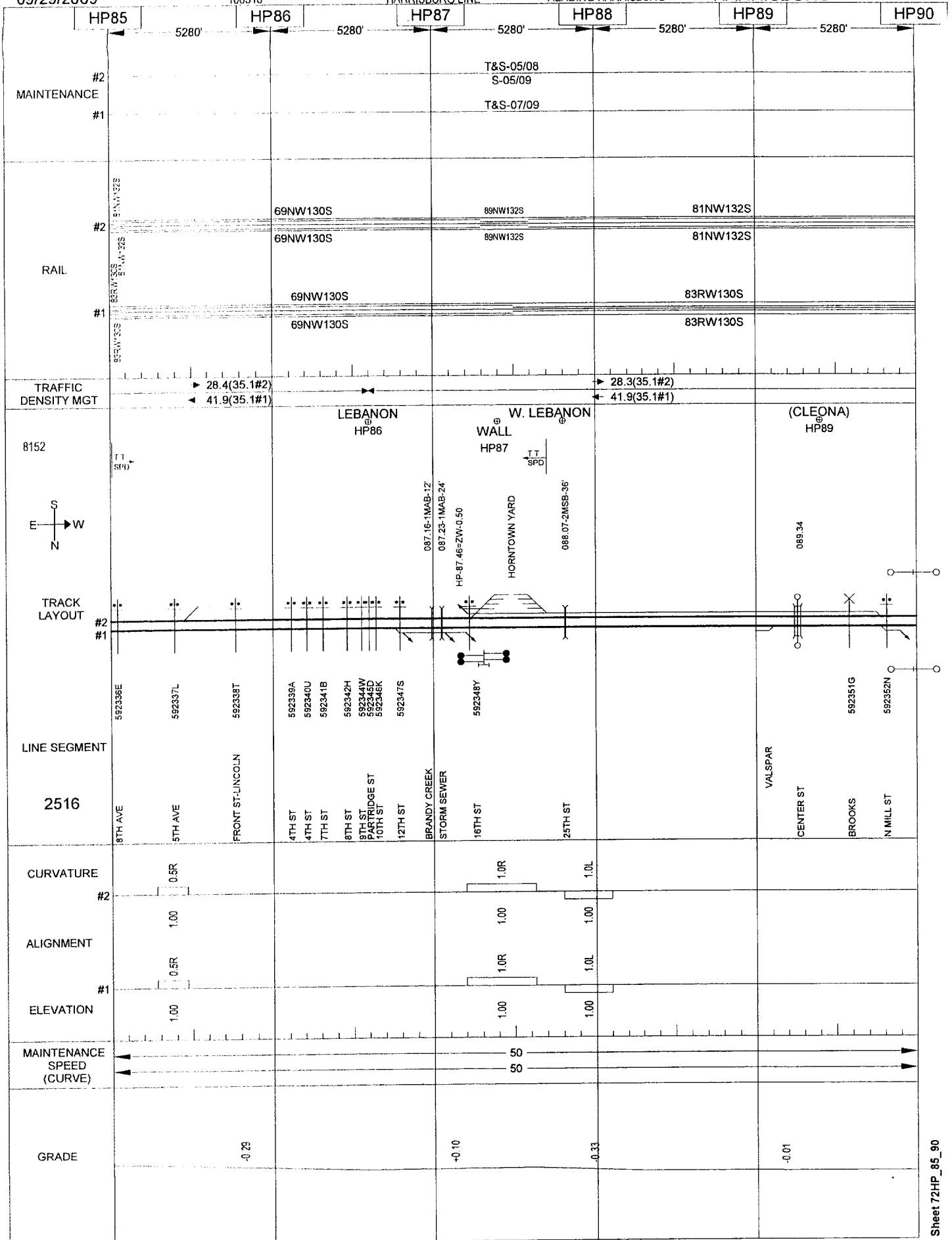
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017

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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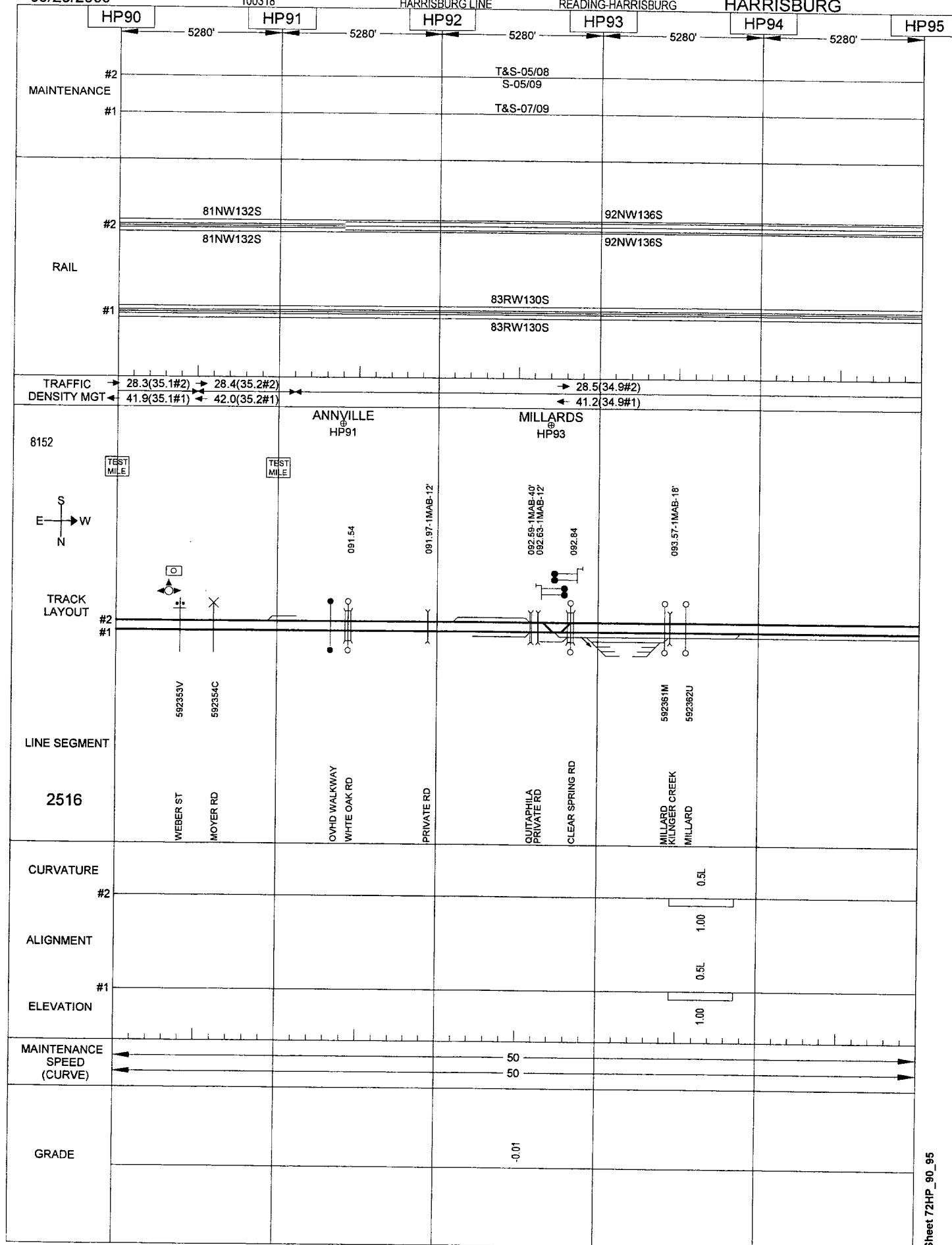
100318

018

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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100318

019

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG

HP95

HP96

HP97

HP98

HP99

HP100

5190'

5280'

5280'

5280'

5280'

#2
MAINTENANCE
#1

T&S-05/08
S-05/09
T&S-07/09

RAIL

#2
#1

92NW136S

92NW136S

83RW130S

83RW140S

06NW136S

67NW130S
92NW136S
95NW132S
92NW136S

95NW132S
92NW136S

04NWF141S
83RW140S

83RW130S

83RW140S

06NW136S

83RW140S

TRAFFIC
DENSITY MGT

→ 28.5(34.9#2)
← 41.2(34.9#1)

→ 28.2(34.7#2)
← 41.2(34.7#1)

PALMYRA
HP96

(LANDIS)

DERRY

HERSHEY
HP100

8152

S
E → W
N

095.53

097.09

098.39

099.18-1MAB-12'
099.22-1MAB-20'

099.53

099.75-1CBB-20'

TRACK
LAYOUT

#2
#1

LINE SEGMENT

2516

552353B

592365P

592365S

FORGE RD

N GRANT ST

RAILROAD ST

LINGLE AVE

SR 22014D

DERRY RD

MANSON RD
SPRING CREEK
OVHD CONVEYOR

OVHD CONVEYOR
OVHD CONVEYOR
RTE 743
WALKWAY

MILL RD

CURVATURE

#2

1.0L

2.0R

1.2L

ALIGNMENT

#1

1.00

2.00

1.00

ELEVATION

1.0L

2.0R

1.2L

1.00

2.00

1.00

MAINTENANCE
SPEED
(CURVE)

50

50

GRADE

-0.01

-0.36

+0.10

General Reference Only - Not for Operational Purposes

Sheet 72HP_95_100

09/29/2009

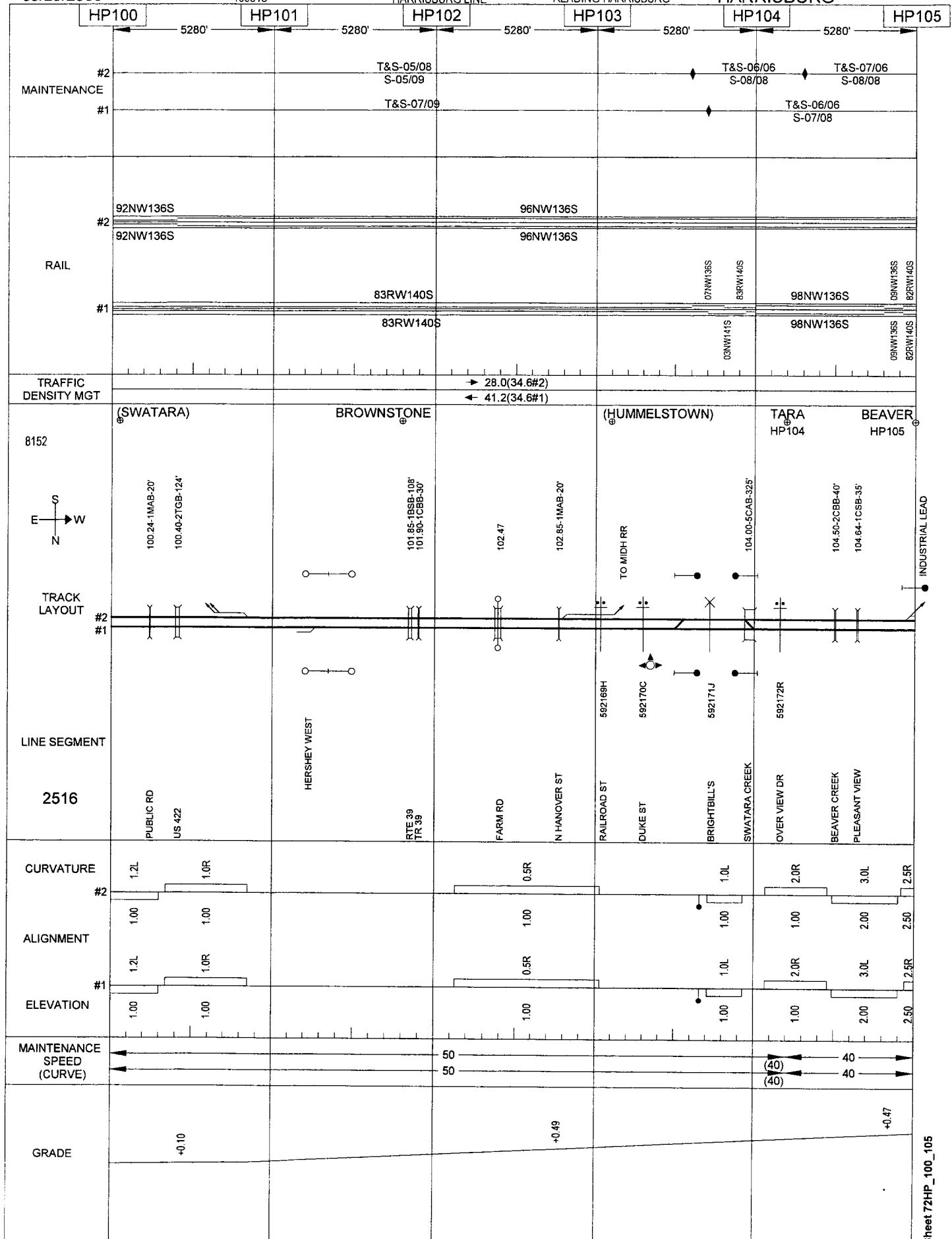
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020

HARRISBURG LINE

READING-HARRISBURG

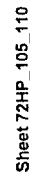
HARRISBURG



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General Reference Only - Not for Operational Purposes

HP110



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09/29/2009

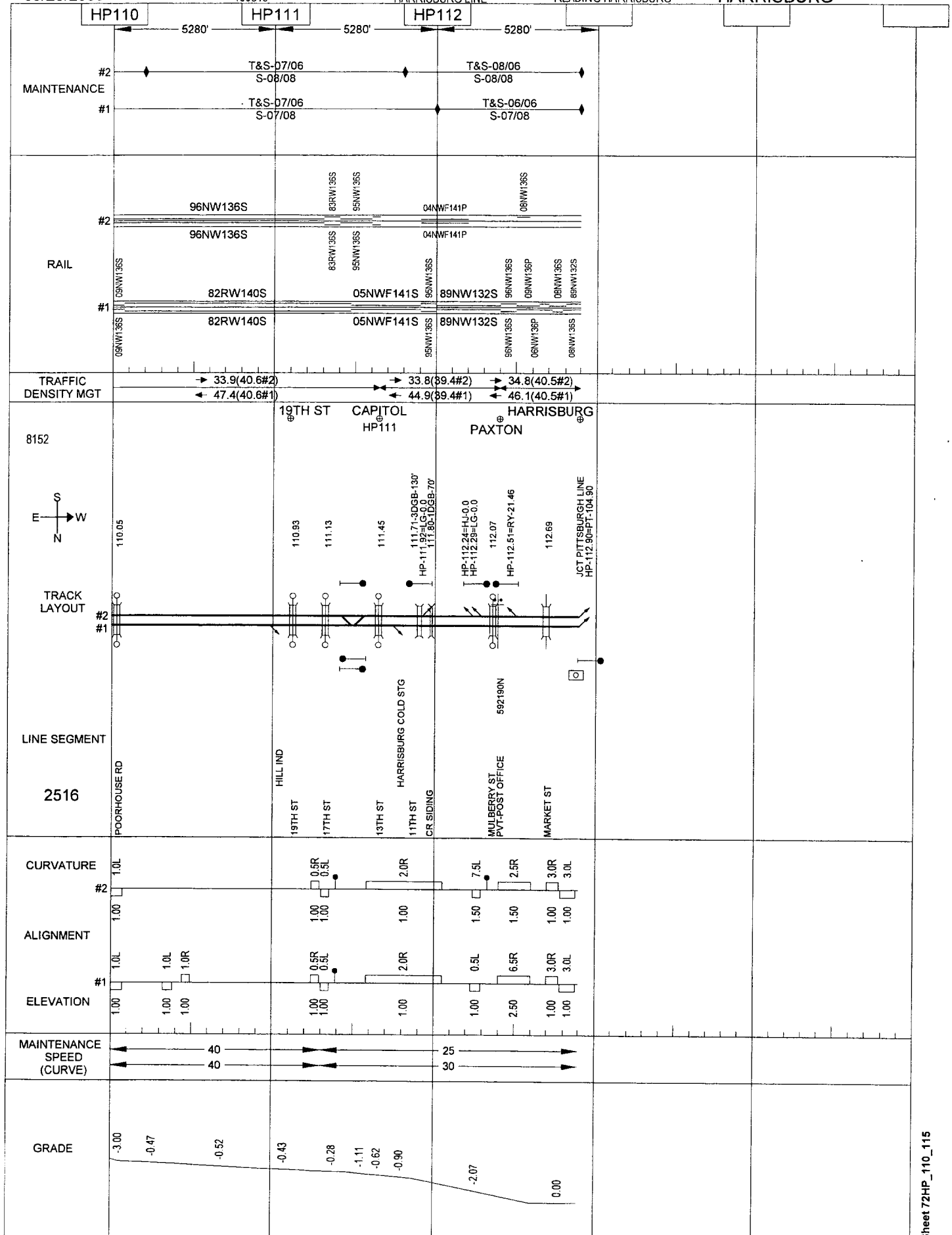
100318

022

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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09/29/2009

101302

023

PITTSBURGH LINE

HARRIS-CP CANNON

HARRISBURG

PT105

5279'

#1
MAINTENANCE
#2#1
RAIL
#2TRAFFIC
DENSITY MGT

7008

S
E → W
NTRACK
LAYOUT#1
#2

LINE SEGMENT

2585

CURVATURE

#1

ALIGNMENT

#2

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

83RW133S
55LJ130S
55LJ130S
88RW133S
55LJ130S104.90
TO AMTRAKPT-104.90=HP-112.90
LR 140 RT 22

TO YARD

30
30

+0.45

General Reference Only - Not for Operational Purposes

Sheet 72PT_100_105

09/29/2009

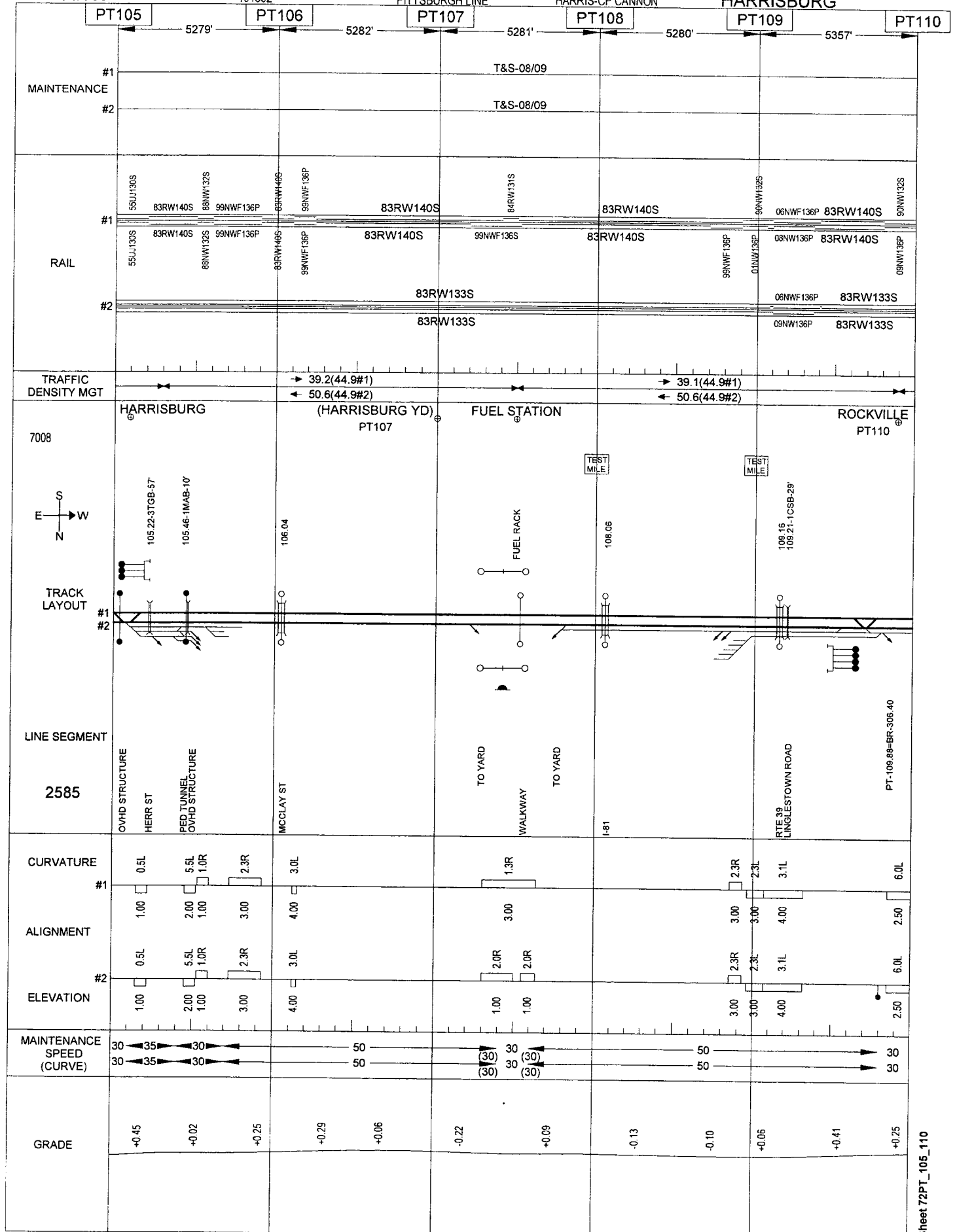
024

101302

PITTSBURGH LINE

HARRIS-CP CANNON

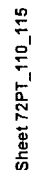
HARRISBURG



General Reference Only - Not for Operational Purposes

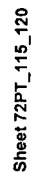
Sheet 72PT_105_110

PT115



General Reference Only - Not for Operational Purposes

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

100352

027

HARRISBURG LINE

CP CUMRU-BIRDSBORO

HARRISBURG

GV12

GV13

GV14

GV15

926'

5280'

5280'

5280'

MAINTENANCE

T&S-05/02

RAIL

82RW131S

91NW132S

82RW131S

02NW141S

82RW131S

82RW131S

91NW132S

82RW131S

02NW141S

01RW132S

82RW131S

TRAFFIC
DENSITY MGT

→ 10.8(11.1)

← 0.3

CUMRU

(GIBRALTAR)
EX52

8130

TRACK
LAYOUT

LINE SEGMENT

2324

GV-11.70=AF-11.70

011.83

012.15-7MSO-574(89)
012.21-20GO-72(89)

012.46

012.48

012.50

013.02-1CSB-21'

014.43-3CAB-71'

POPLAR NECK RD

SCHUYLKILL RIVER
SCHUYLKILL RIVER RLR 1011
LR 1011
FMR RDG IND
PRIVATE

591963A

RTE 724
FARM ROAD

591964G

SEVVERT DR

591966V

LITTLE ALLEGHENY C

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

30

GRADE

0.00

+0.24

-0.30

General Reference Only - Not for Operational Purposes

Sheet 72GV_10_15

09/29/2009

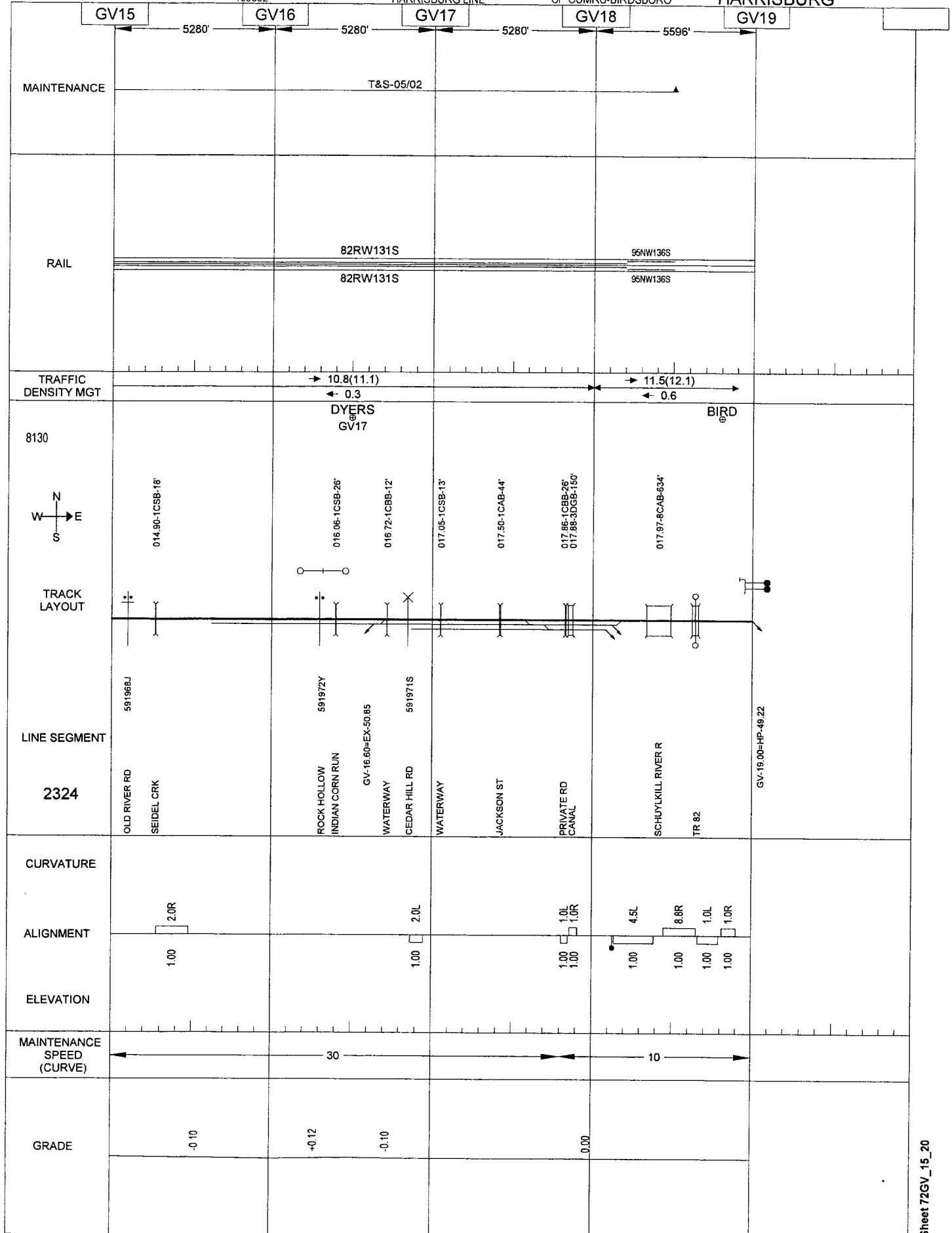
100352

028

HARRISBURG LINE

CP CUMRU-BIRDSBORO

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

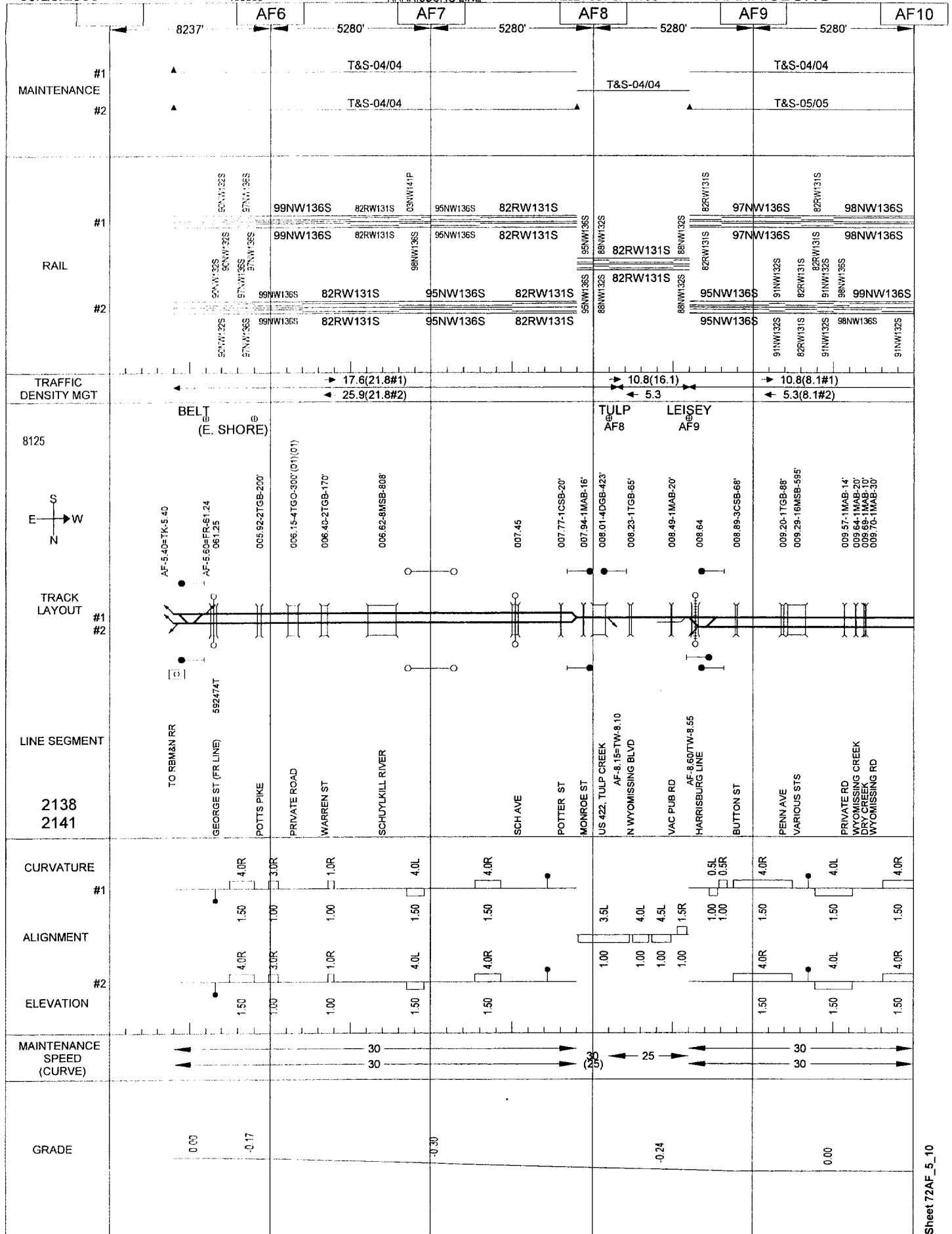
100339

029

HARRISBURG LINE

VALLEY JCT-CP TITUS

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

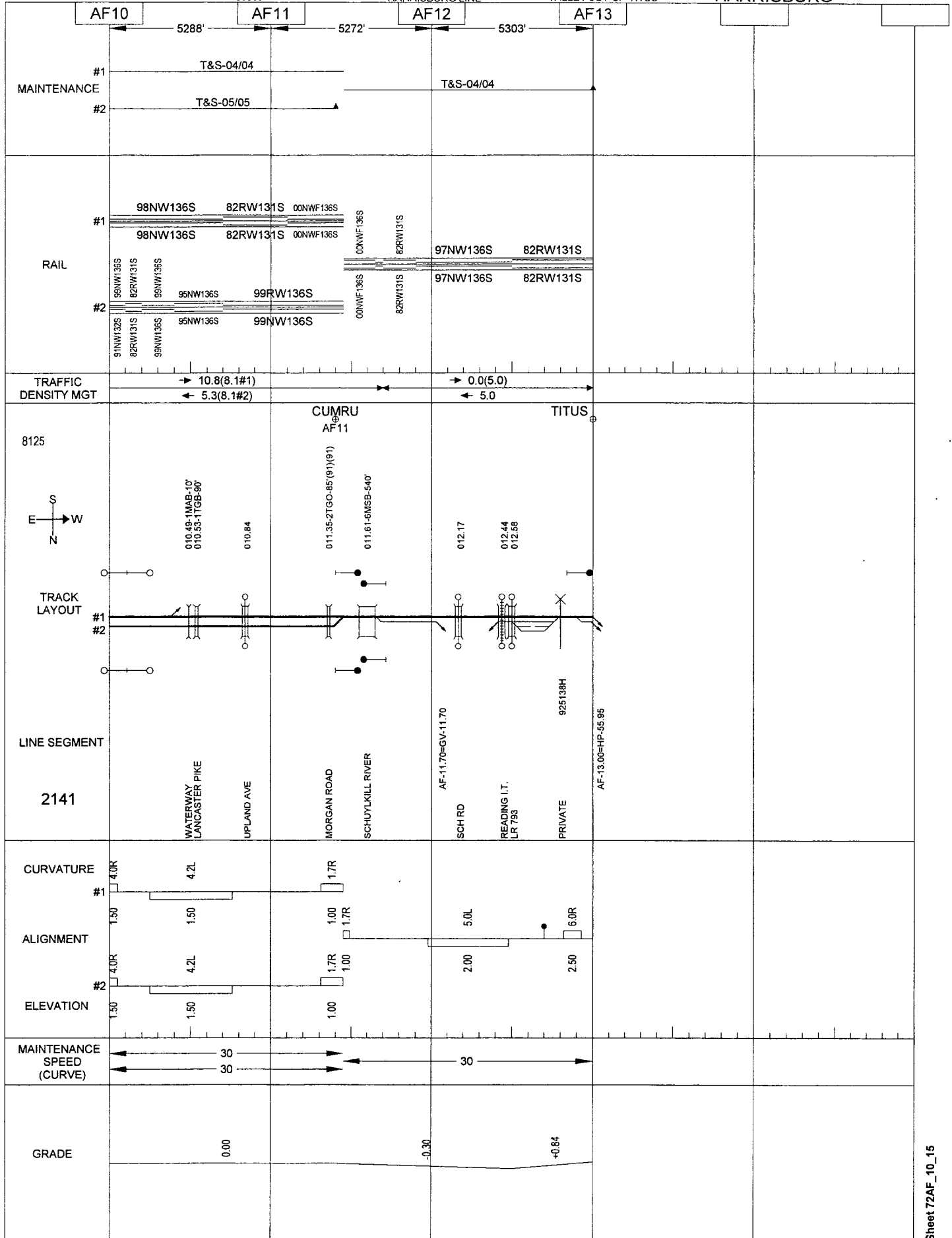
100339

030

HARRISBURG LINE

VALLEY JCT-CP TITUS

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

100360

031

READING LINE

CP TULP-WYOMISSING JCT

HARRISBURG

TW9

8560'

1536'

MAINTENANCE

T&S-07/07

RAIL

06NW136P

95NW136S

97NW136S

06NW136P

06NW136S

95NW136S

97NW136S

TRAFFIC
DENSITY MGT

22.9(59.5)

36.6

8125

TRACK
LAYOUTTULP
LEISEY

DUNKLE

WYOMISSING JCT

008.23-1TGB-65'

TW-9.55/AF-8.60

008.51

008.61

061.09-2BSB-70'

LINE SEGMENT

2150

TW-8.10=AF-8.15

N WYOMISSING BLVD

PRIVATE
PARK RD

LR 06038-3

TW-9.40=HP-61.15

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

GRADE

0.00

+0.91

General Reference Only - Not for Operational Purposes

Sheet 72TW_5_10

09/29/2009

100312

032
READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG

RV8

RV9

RV10

5280'

5280'

4780'

#1
MAINTENANCE
#2

T&S-06/07

T&S-08/01
S-05/09#1
RAIL
#2

85RW132S

85RW132S

06NW136S

06NW136S

82NW132S

82NW132S

48NJ140S
55NJ140STRAFFIC
DENSITY MGT

→ 32.9(28.8#1)

← 24.6(28.8#2)

8109

N
W → E
STRACK
LAYOUT#1
#2BLANDON
RV8RV-7.50=TK-0.0
007 93-1CSB-11"

009 06-2CSB-26"



LINE SEGMENT

2144

MAIN ST
WESNER RD
CREEK
GULDIN RD
WILLOW CREEK
HILL RD
KELLER RD
WALNUTTOWN RD

CURVATURE

#1

1.2R

1.00

ALIGNMENT

1.5R

ELEVATION

#2

1.00

MAINTENANCE
SPEED
(CURVE)

50

50

GRADE

-0.50

-0.50

0.00

General Reference Only - Not for Operational Purposes

Sheet 72RV_5_10

09/29/2009

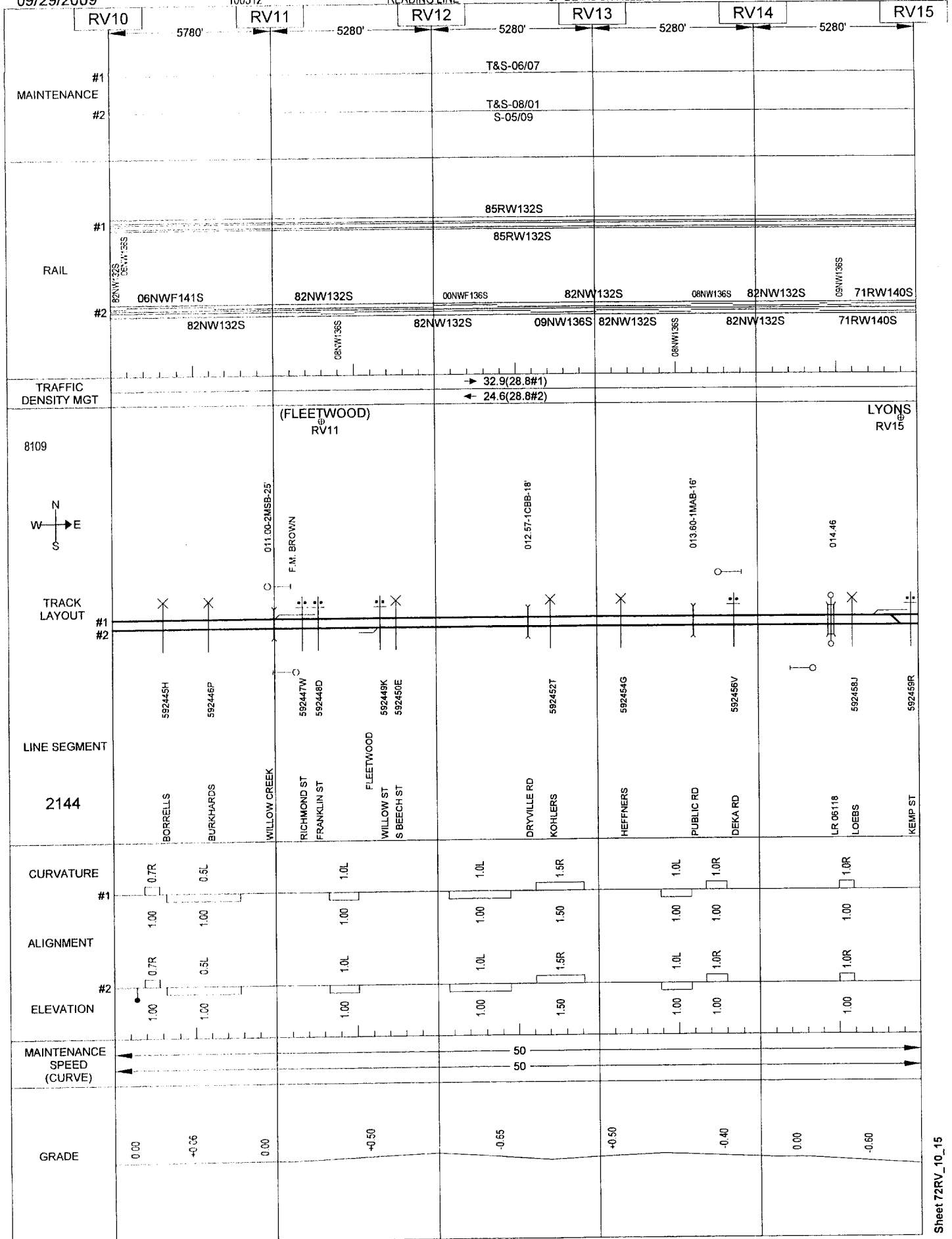
100312

033

READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

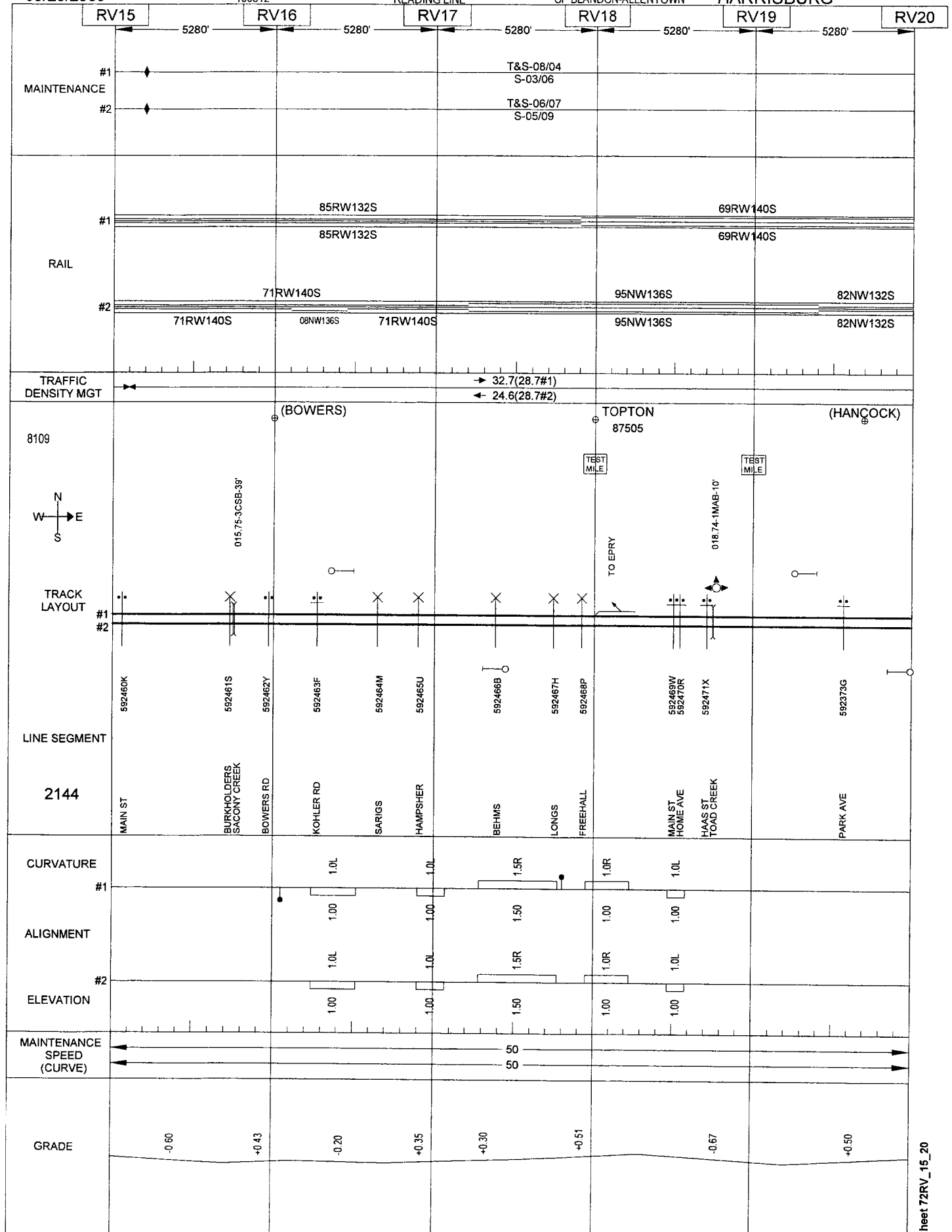
100312

034

READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

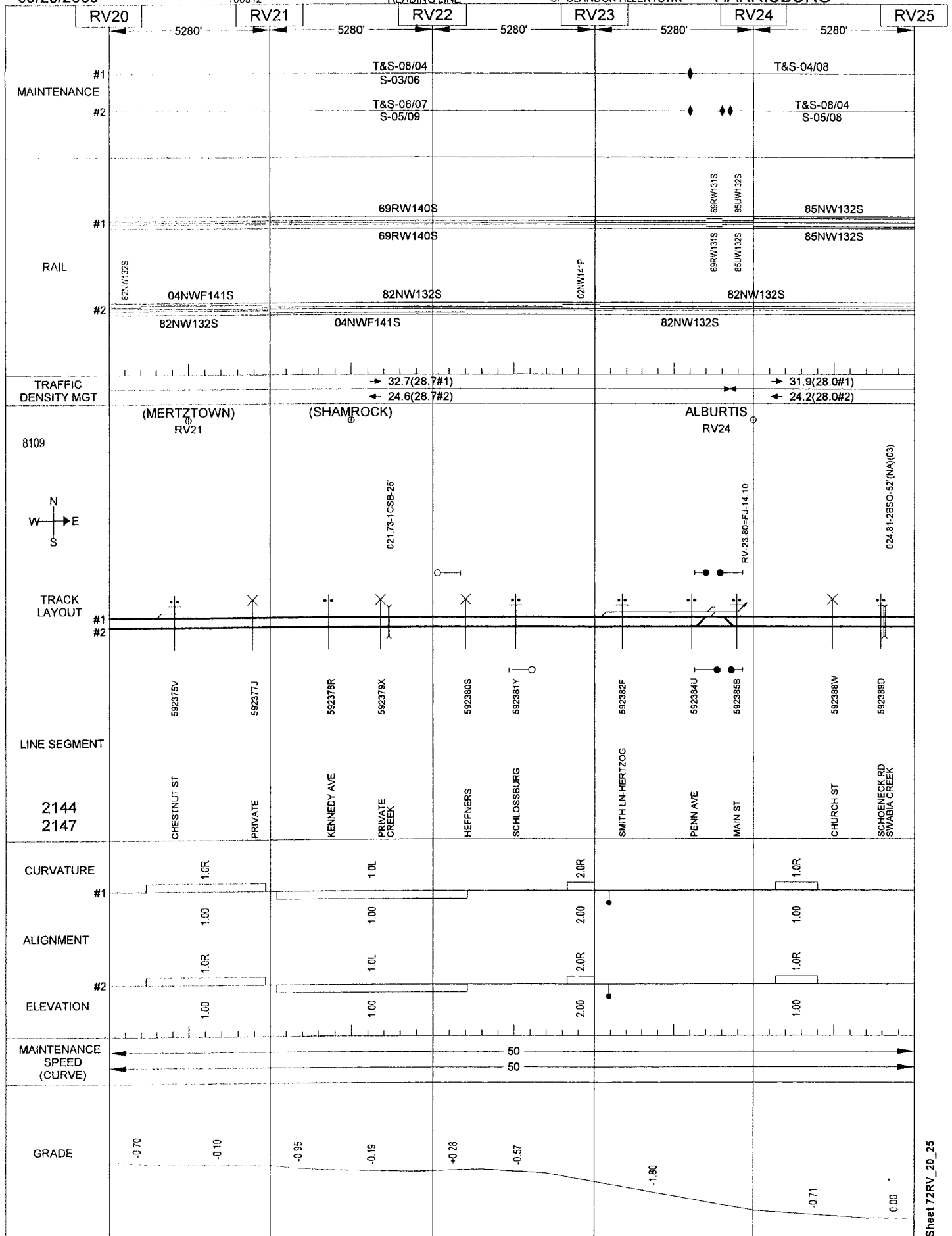
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035

READING LINE

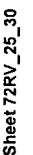
CP BLANDON-ALLENTOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

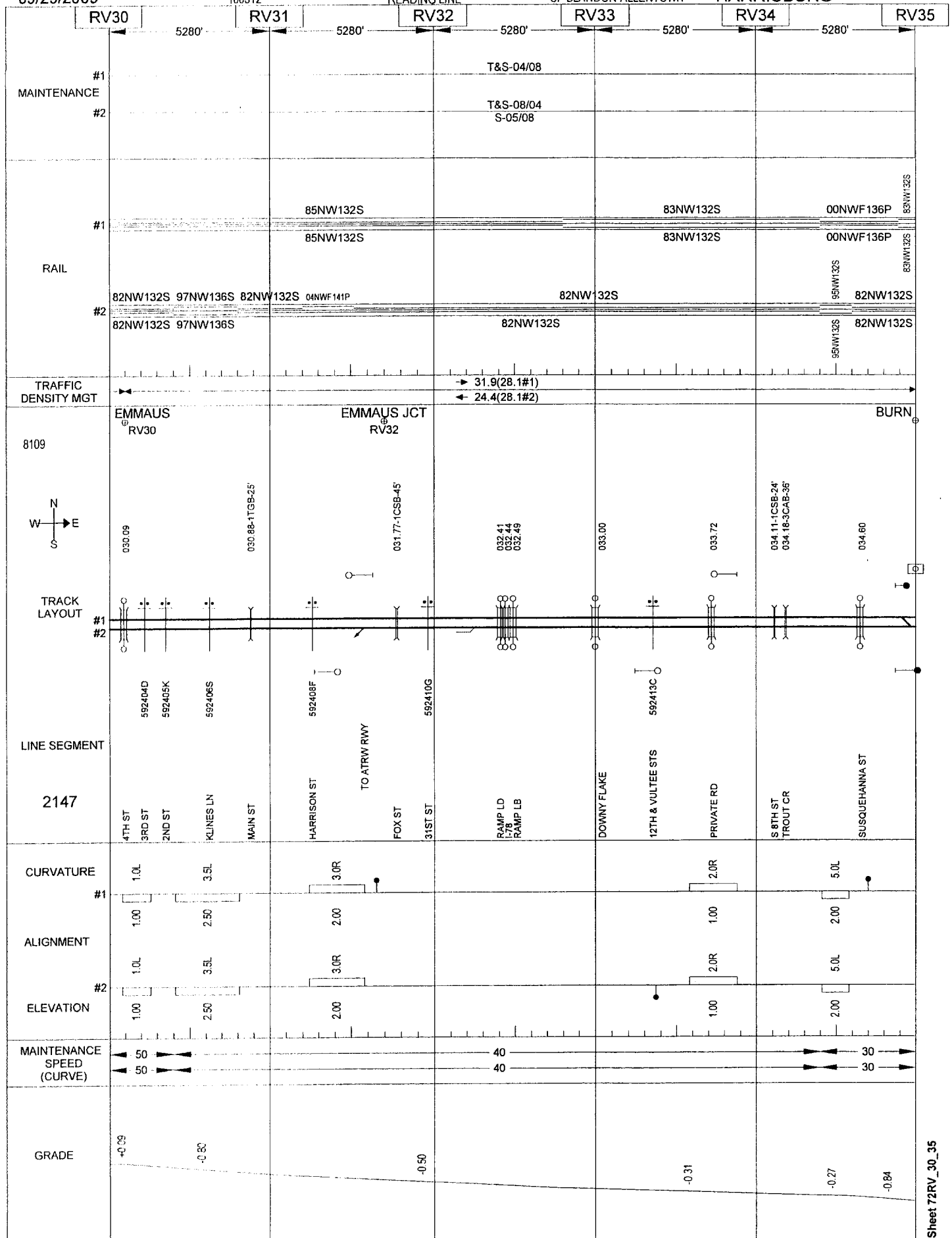
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037

READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

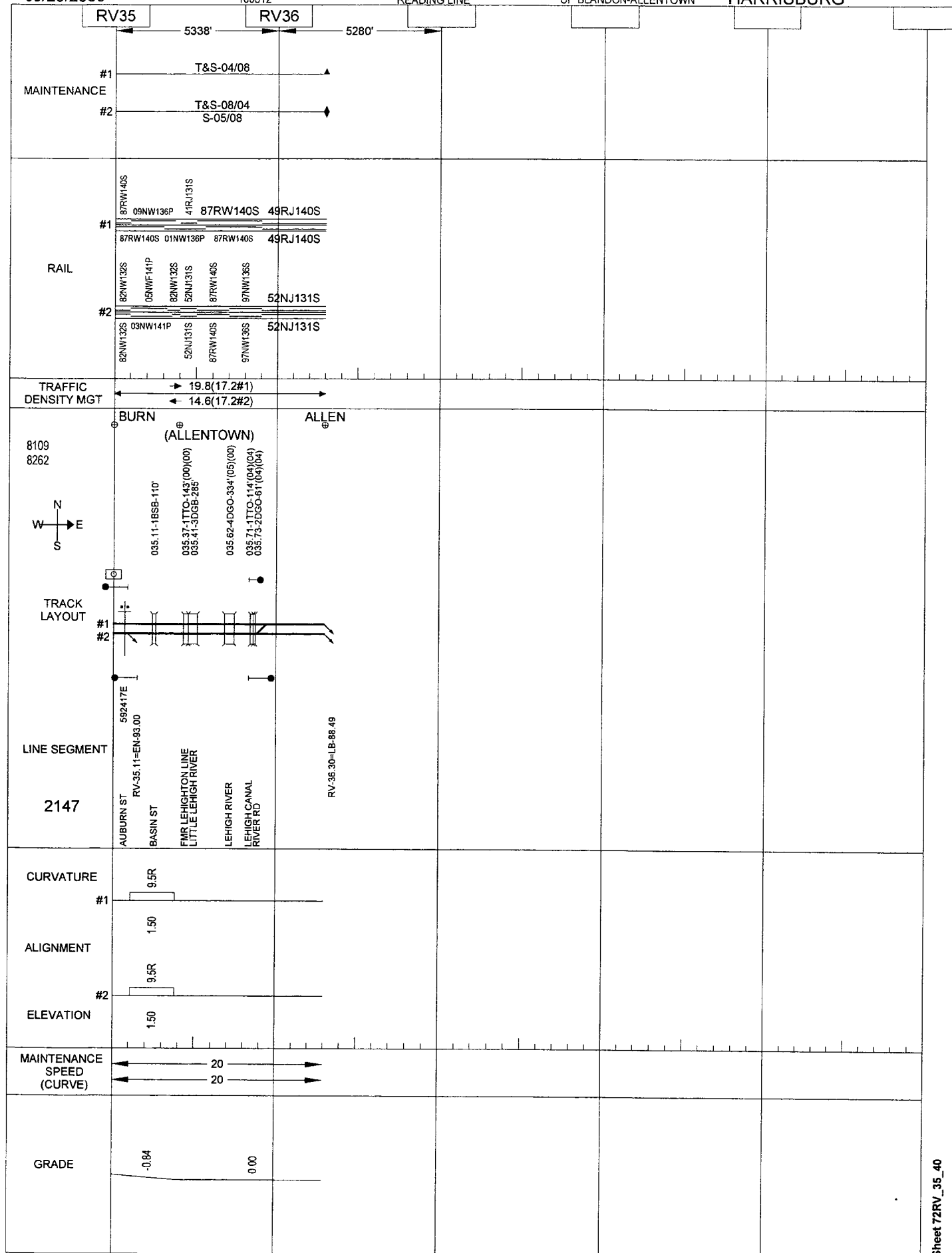
100312

038

READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72RV_35_40

09/29/2009

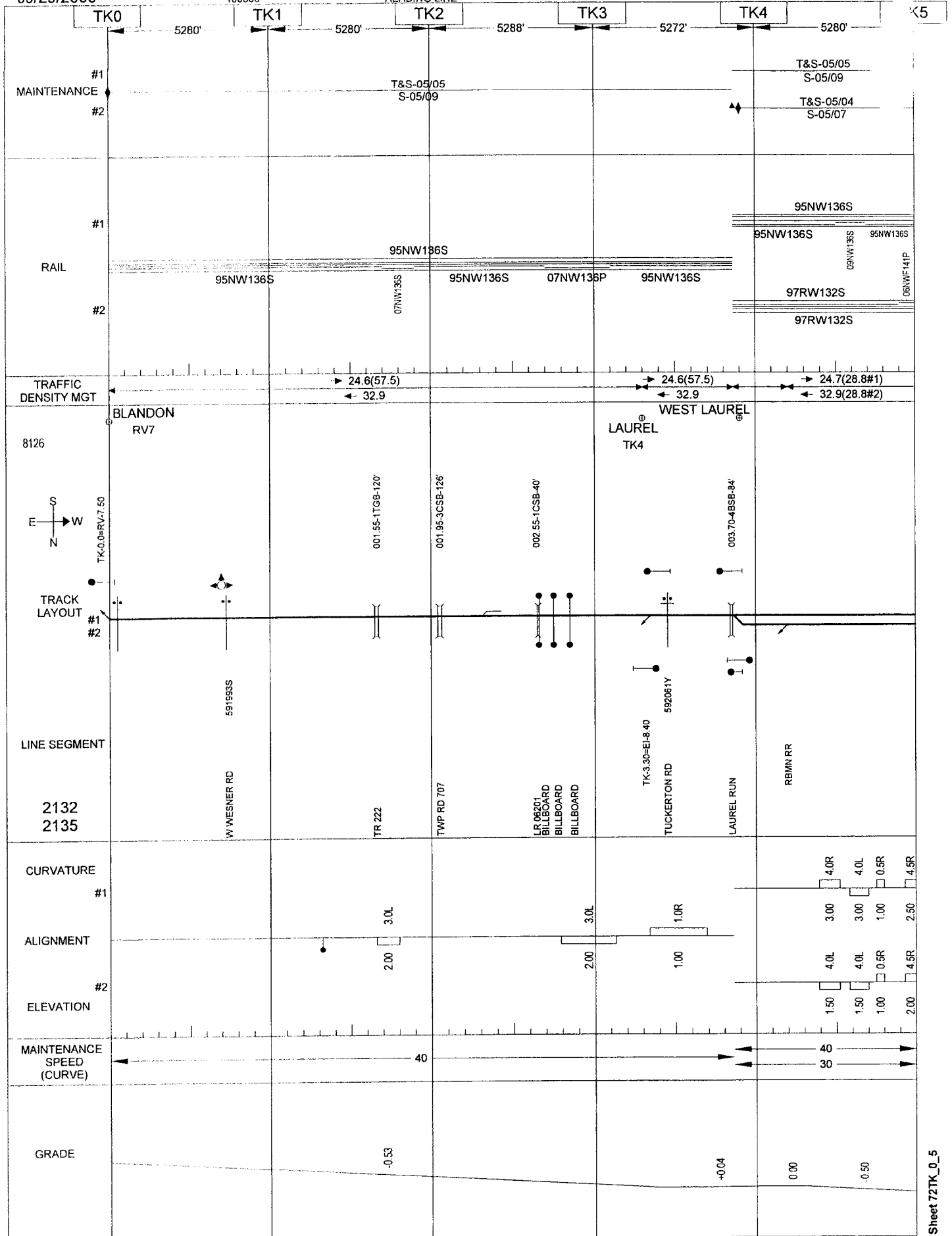
100356

039

READING LINE

CP BLANDON-CP BELT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72TK_0_5

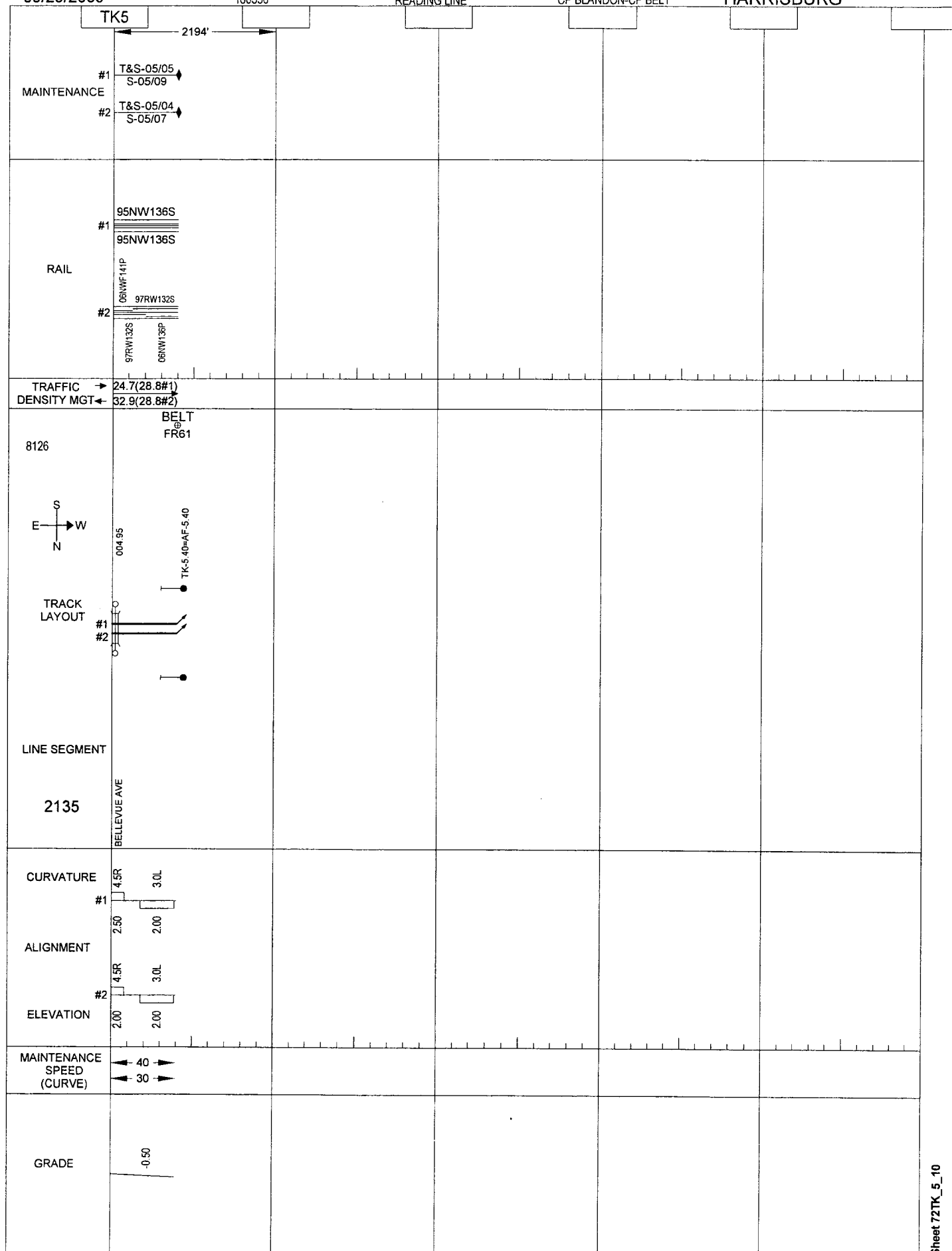
09/29/2009

100356

040
READING LINE

CP BLANDON-CP BELT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

100322

041

POTTSVILLE BR

READING-CP BELT

HARRISBURG

FR59

FR60

5280'

5280'

MAINTENANCE

T&S-06/06

RAIL

79RW131S

57NJ130S

96NW136S

79RW131S

96NW136S

TRAFFIC
DENSITY MGT

8.7(17.2)

8.5

7.1(14.3)

7.2

WALNUT (READING)

OLEY

PIKE

8151

S
E → W
NTRACK
LAYOUT

LINE SEGMENT

2393

058.64-1MPB-12'

059.01-4MSB-50'

FR-58.85/HP-58.95

TO READING YARD
059.32-1CAB-50'

TO YARD

FR-58.60=HP-58.60

SEWER

OLEY ST

SPRING ST

11TH ST I.T.

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

1.0R

1.00

1.0L

1.00

1.0R

1.00

2.5L

1.00

30

+0.01

+0.15

General Reference Only - Not for Operational Purposes

Sheet 72FR_55_60

09/29/2009

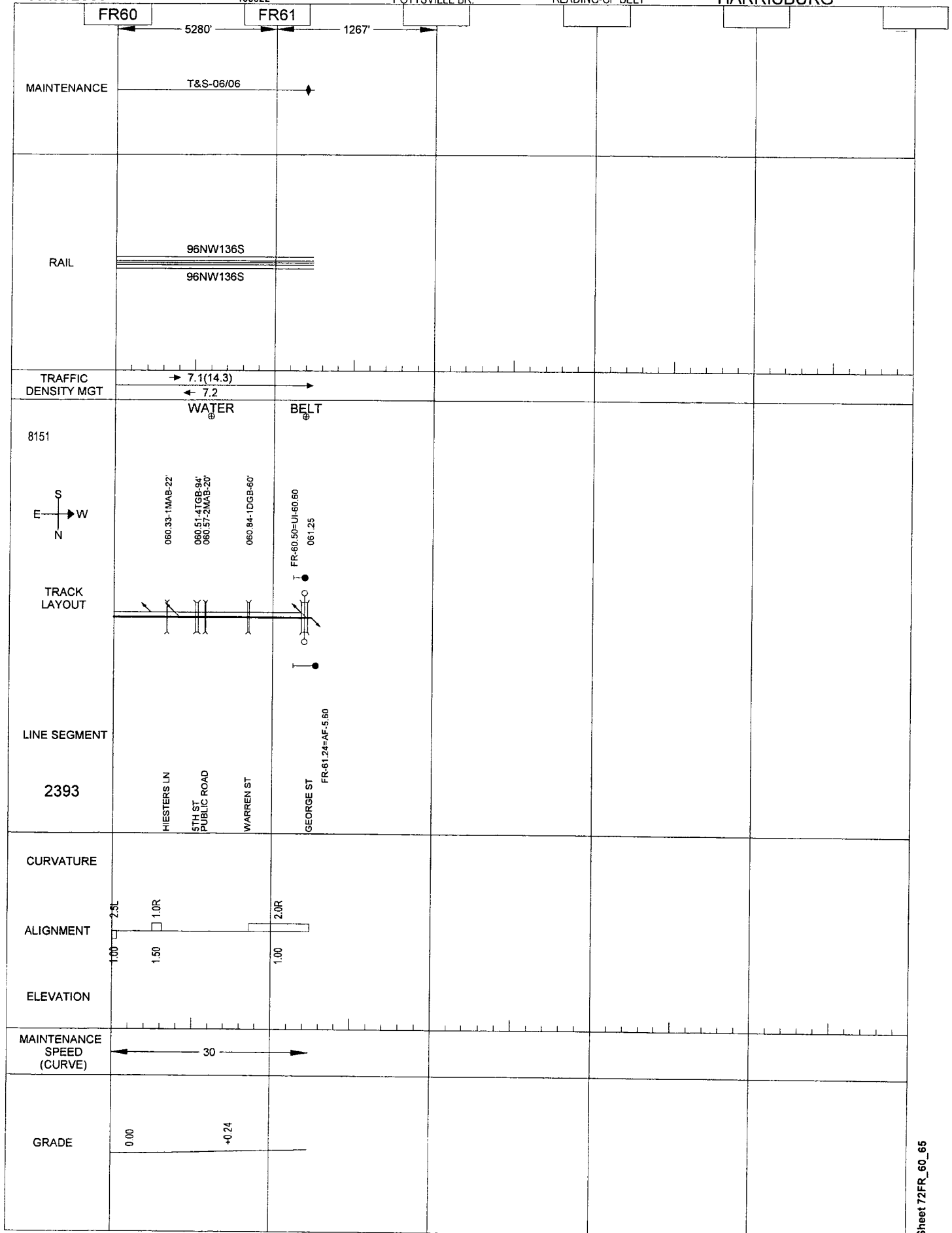
100322

042

POTTSVILLE BR

READING-CP BELT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72FR_60_65

09/29/2009

100342

043
EVANSVILLE I.T.

LAUREL-EVANSVILLE

HARRISBURG

EI9

EI10

3168'

5280'

MAINTENANCE

T&S-06/88

RAIL

75RW131S

75RW131S

TRAFFIC
DENSITY MGT

0.0(0.0)

0.0

8126



LAUREL
EI9

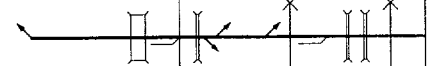
EI-8.40-TK-3.30

008.80-2TGB-190'

009.07-1DGO-55'(01)

009.68-2CAB-50'
009.75-1DGO-60'(80)

TRACK
LAYOUT



923201R

923202X

LINE SEGMENT

2465

LP 1035

E HULLER LN

PRIVATE

WILLOW CR
LEESPORT AV

SNYDER RD

CURVATURE

ALIGNMENT

ELEVATION



MAINTENANCE
SPEED
(CURVE)

10

GRADE

-0.44

0.00

General Reference Only - Not for Operational Purposes

Sheet 72EI_5_10

09/29/2009

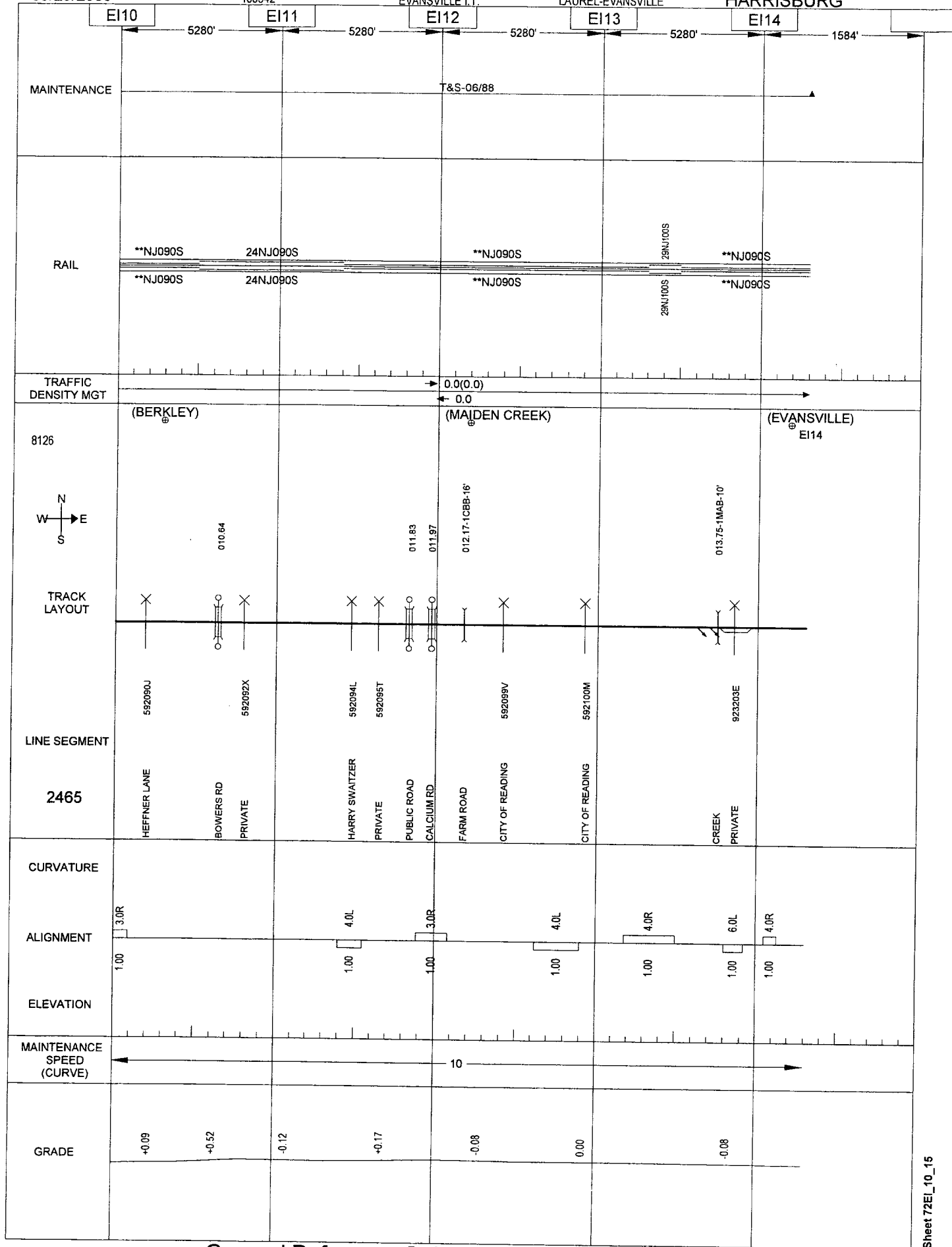
100342

044

EVANSVILLE I.T.

LAUREL-EVANSVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72EI_10_15

09/29/2009

100304

045

C&F SEC.

SEIPLE-ALBURTIS

HARRISBURG

FJ3

FJ4

FJ5

5280'

5280'

5280'

MAINTENANCE

T&S-07/06

RAIL

23NJ100S

27NJ130S

23NJ100S

27NJ130S

TRAFFIC
DENSITY MGT

0.0(0.0)

0.0

8132

TRACK
LAYOUT

END OF TRACK

SEIPLE
FJ3

003.911BSB-20'

004.233CAB-99'

LINE SEGMENT

2159

591363X

591364E

591365L

923207G

591369N

MAUCH CHUNK RD

TROJAN

OLD ROAD

LR 39040

JORDAN CREEK
PRIVATE

MAIN BLVD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

GRADE

0.00

-0.88

+0.21

General Reference Only - Not for Operational Purposes

Sheet 72FJ_0_5

09/29/2009

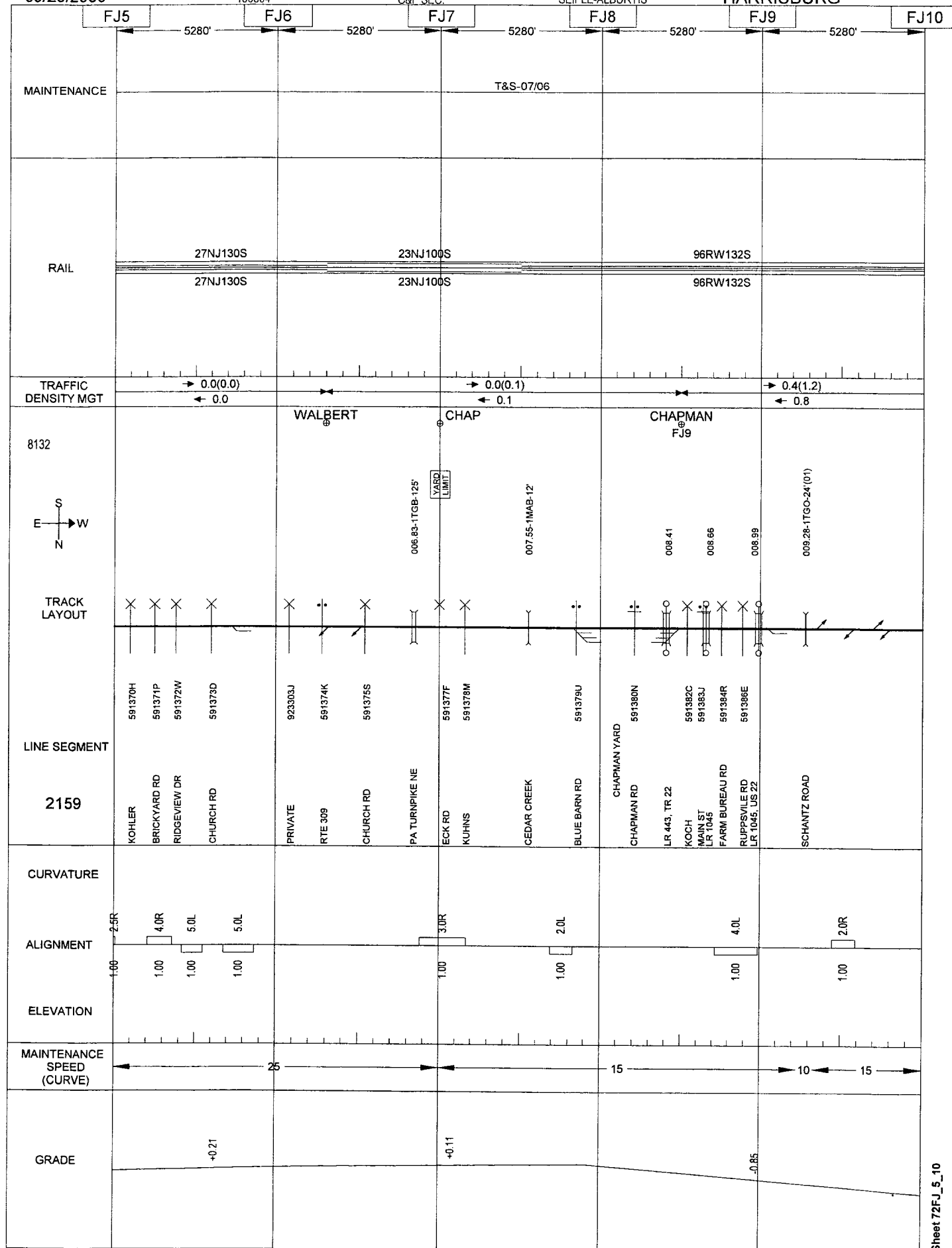
100304

046

C&F SEC.

SEIPLE-ALBURTIS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72FJ_5_10

09/29/2009

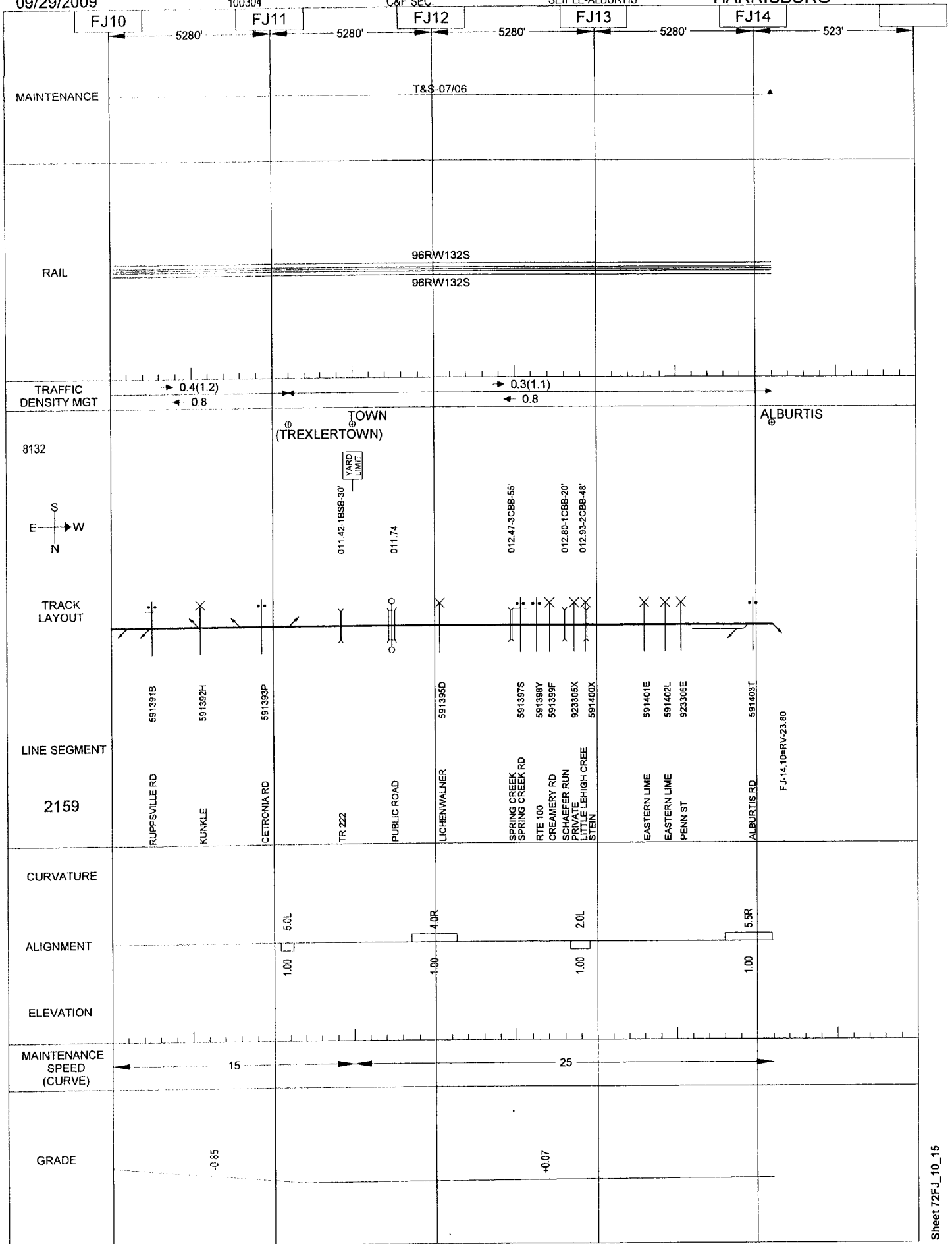
100304

047

C&F SEC.

SEIPLE-ALBURTIS

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

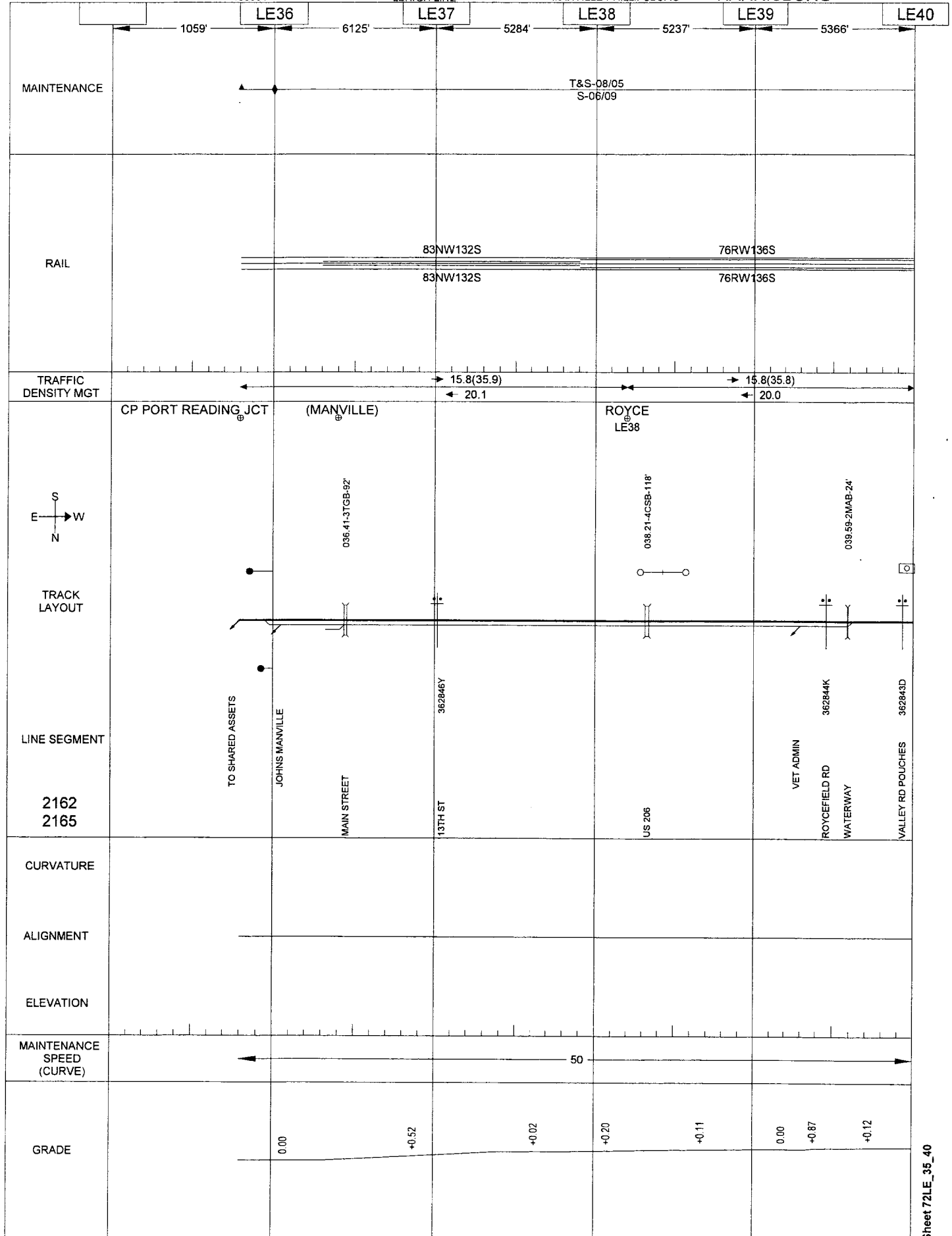
100501

048

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LE_35_40

09/29/2009

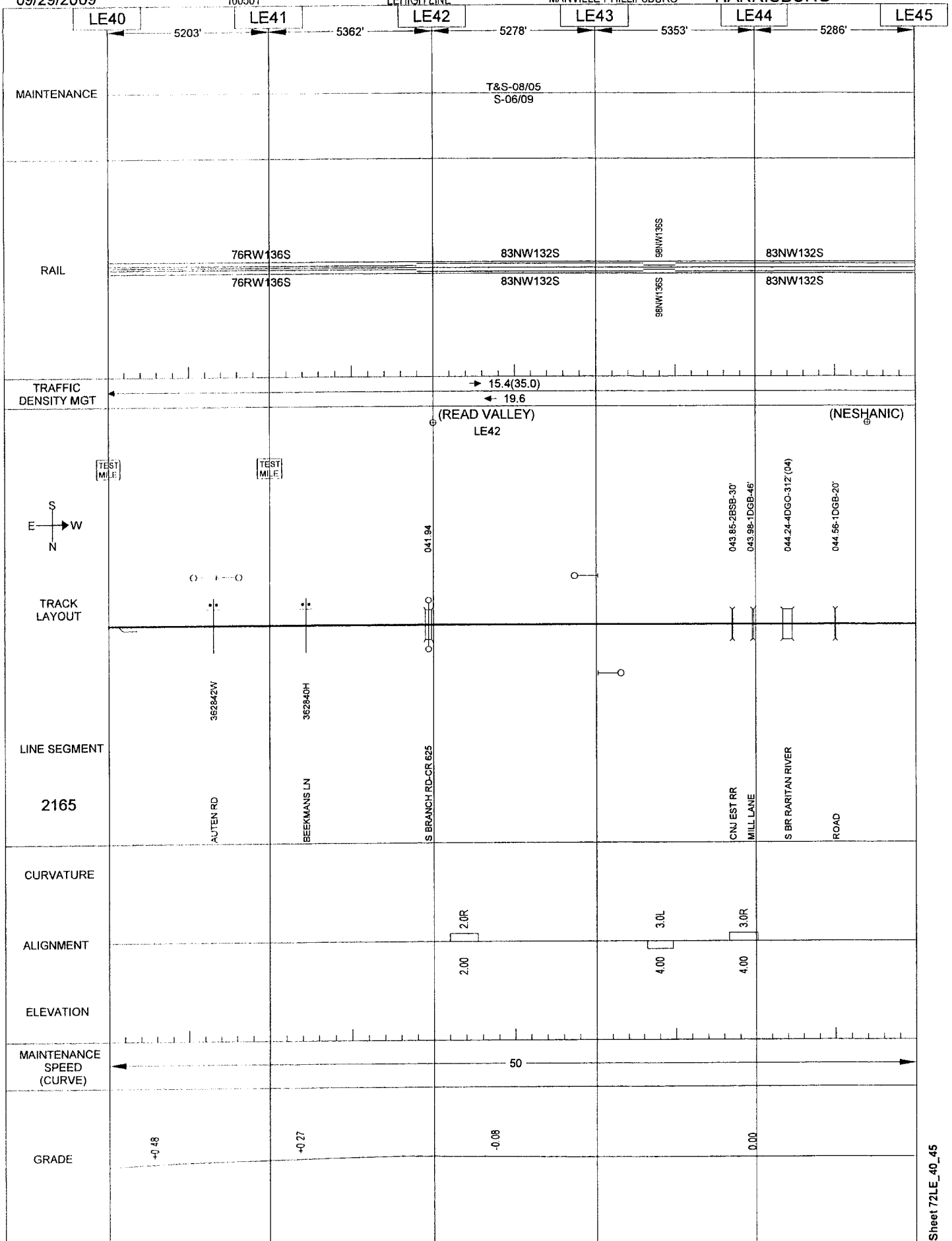
100501

049

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LE_40_45

09/29/2009

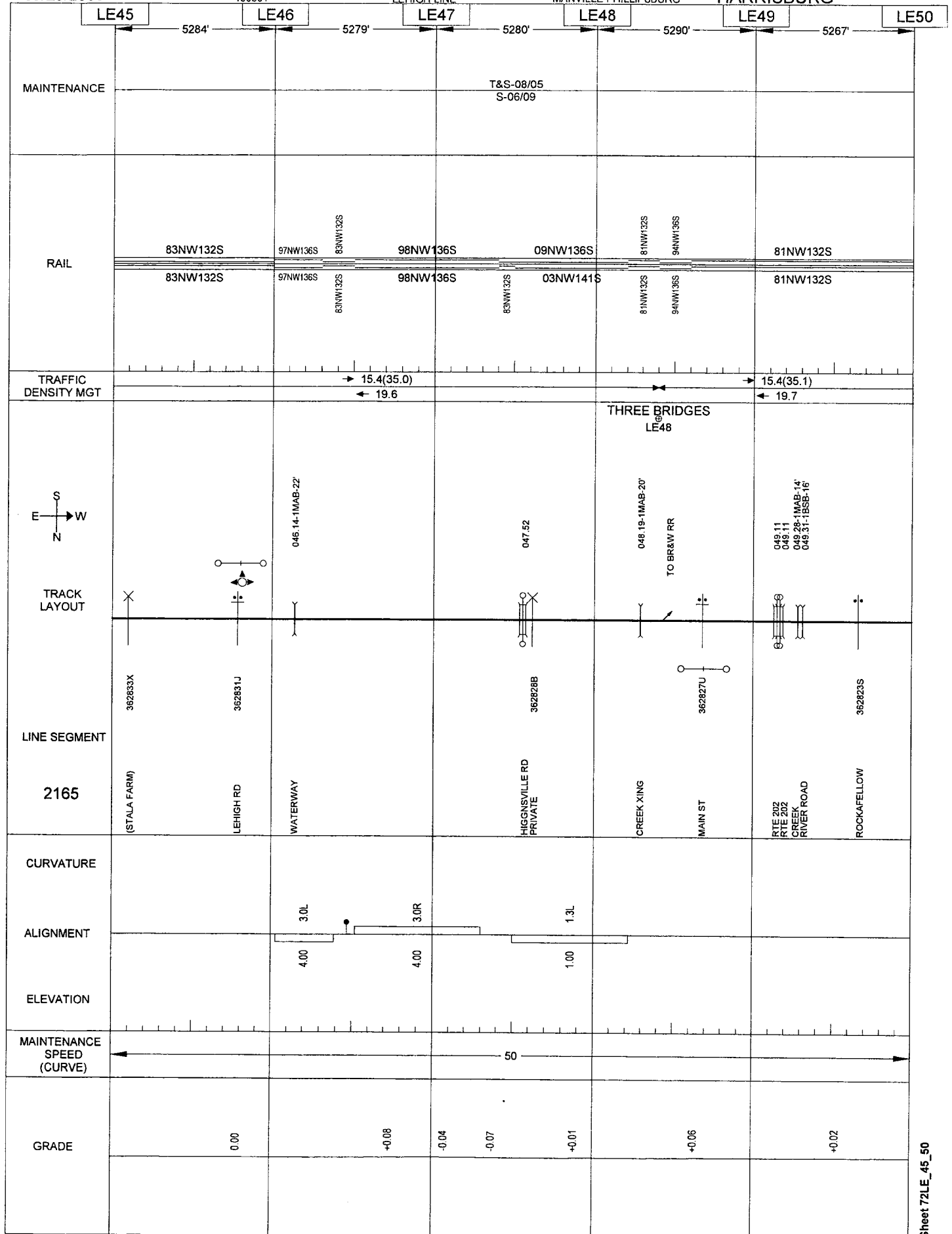
100501

050

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



Sheet 72LE_45_50

General Reference Only - Not for Operational Purposes

09/29/2009

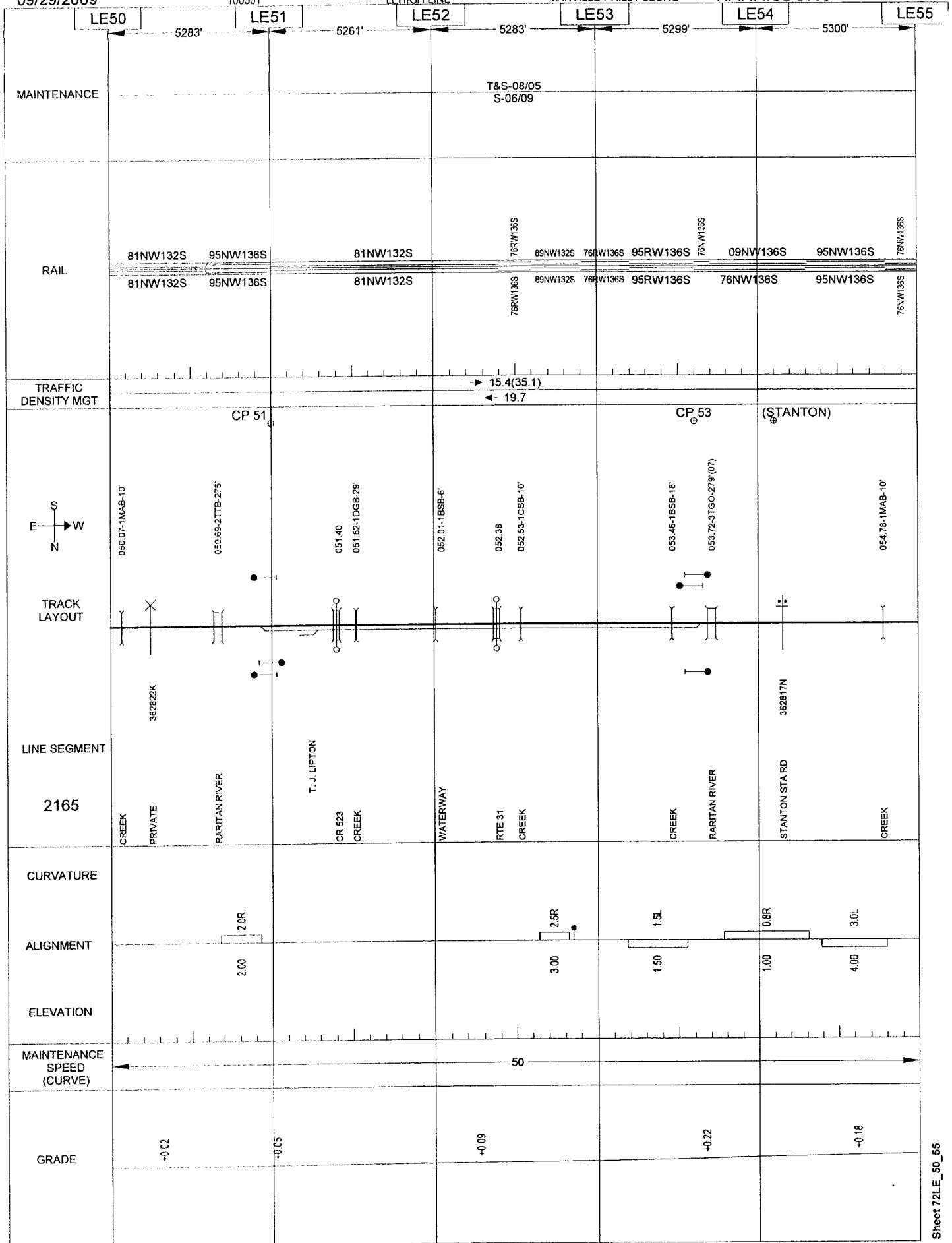
100501

051

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

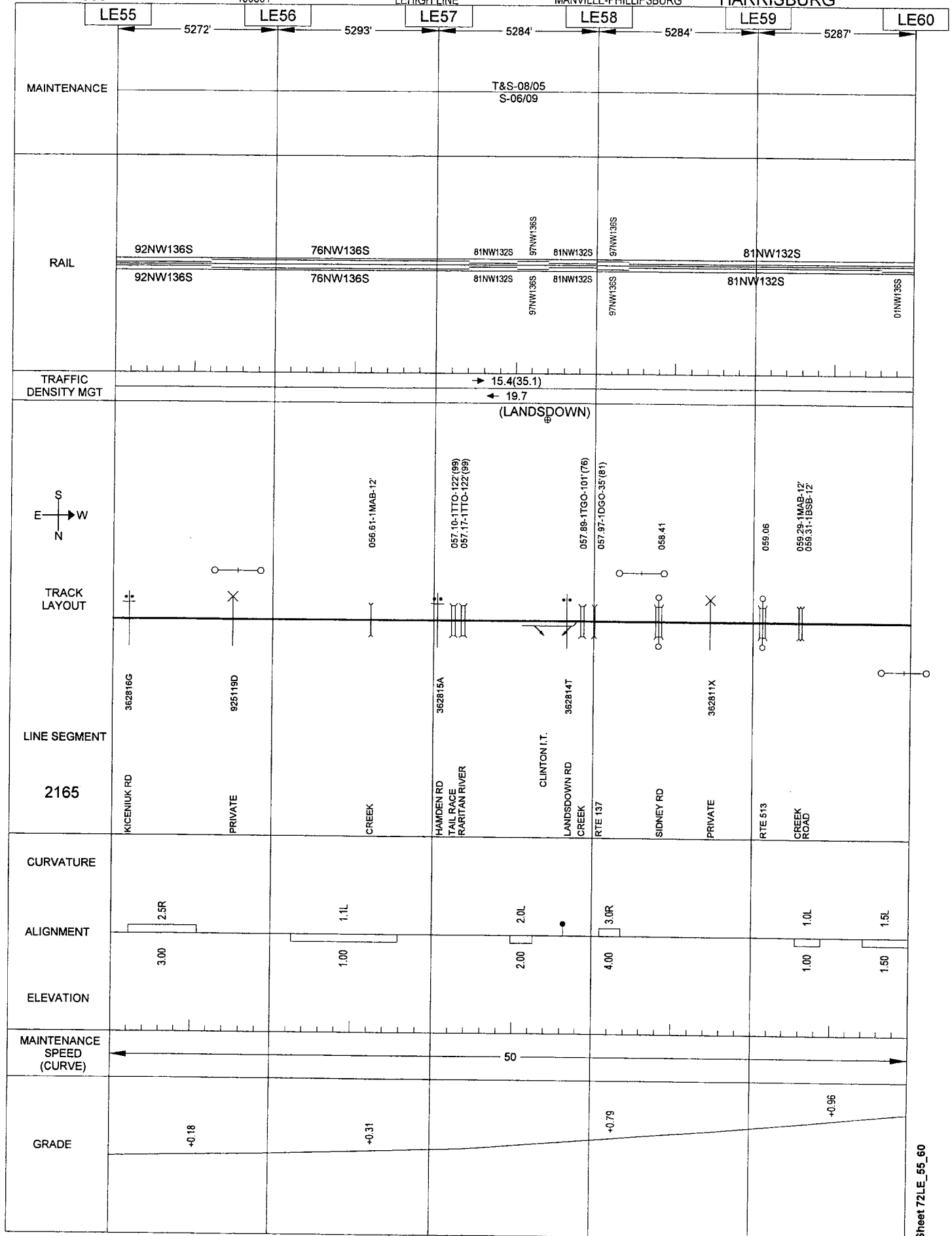
100501

052

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LE_55_60

09/29/2009

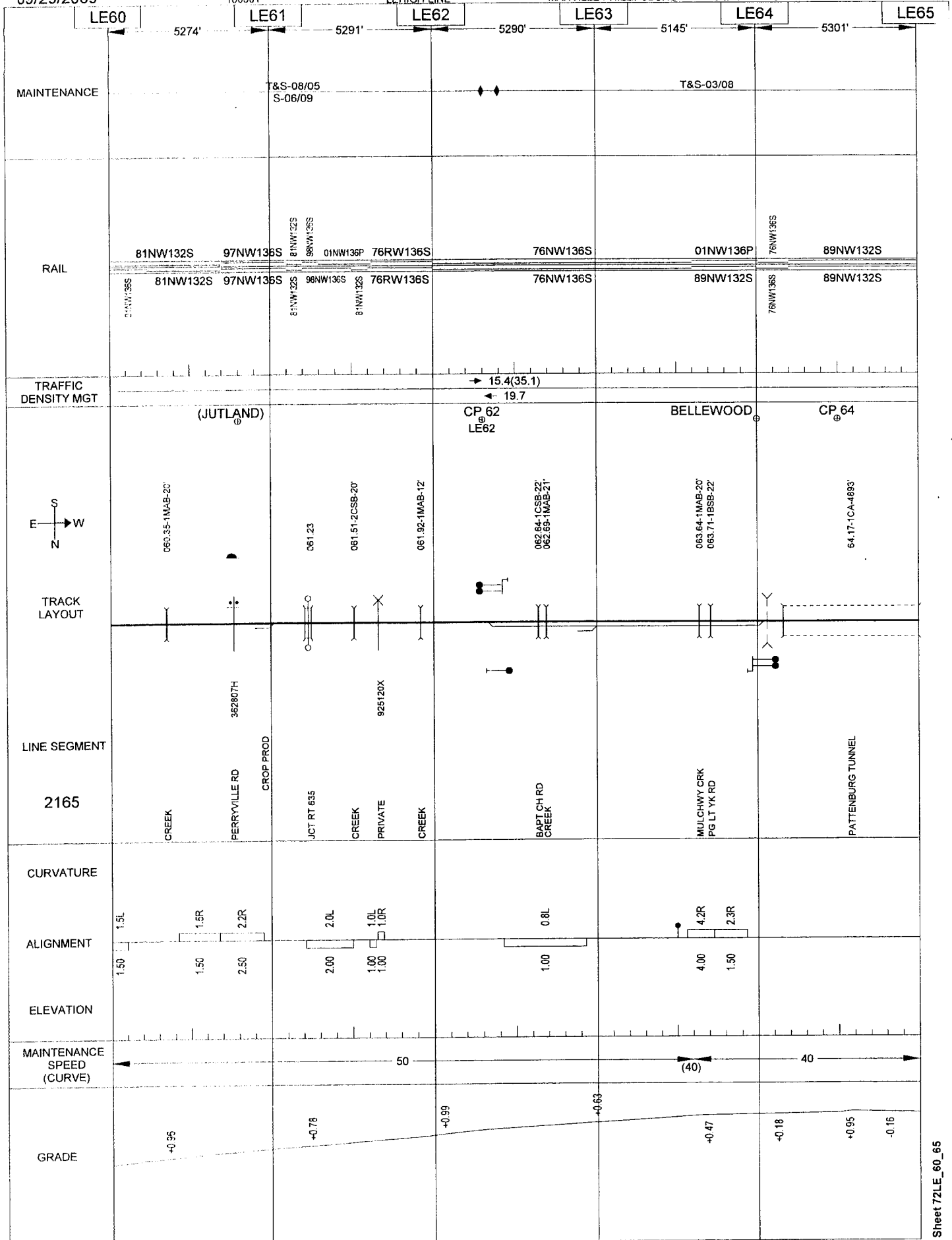
100501

053

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LE_60_65

09/29/2009

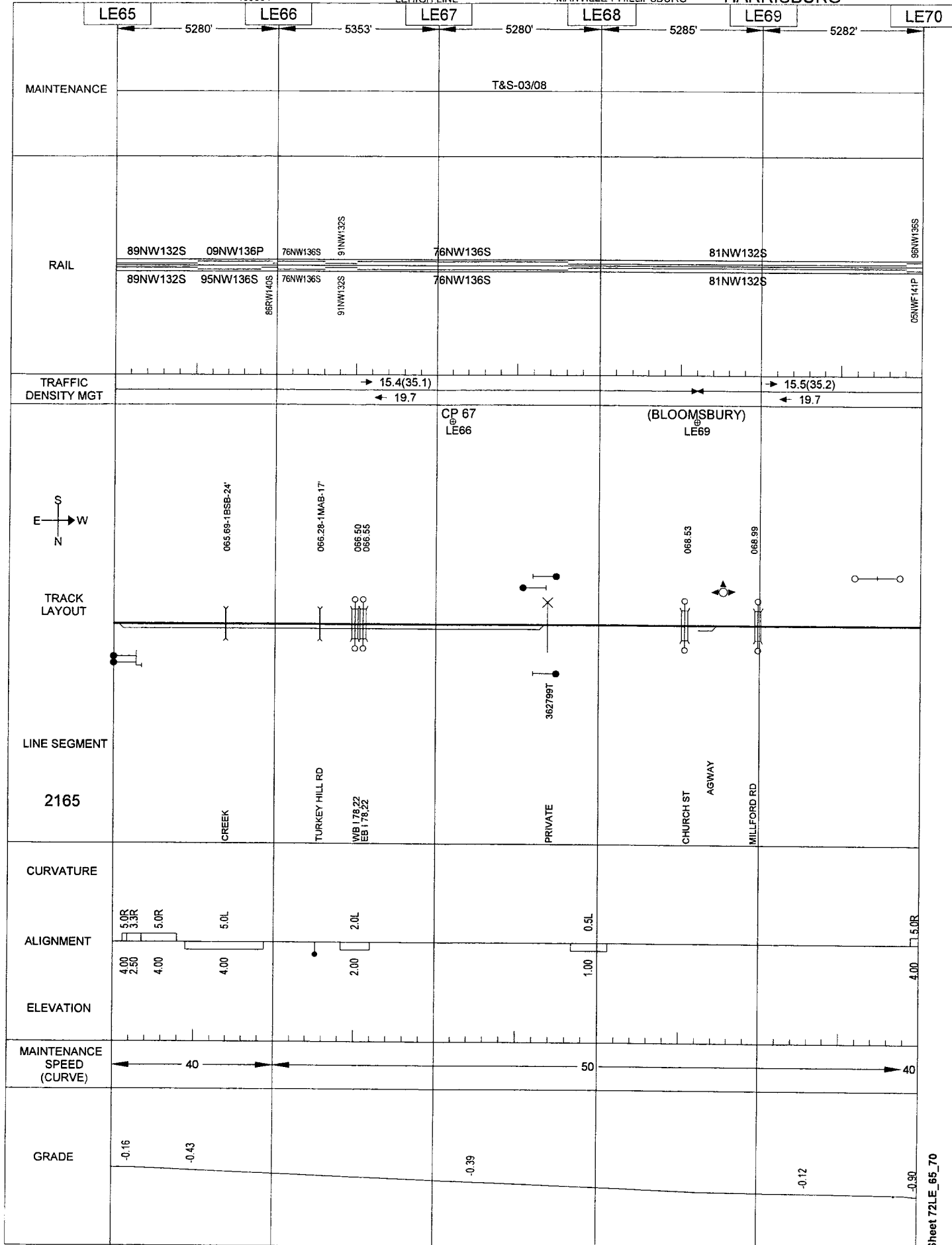
100501

054

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LE_65_70

09/29/2009

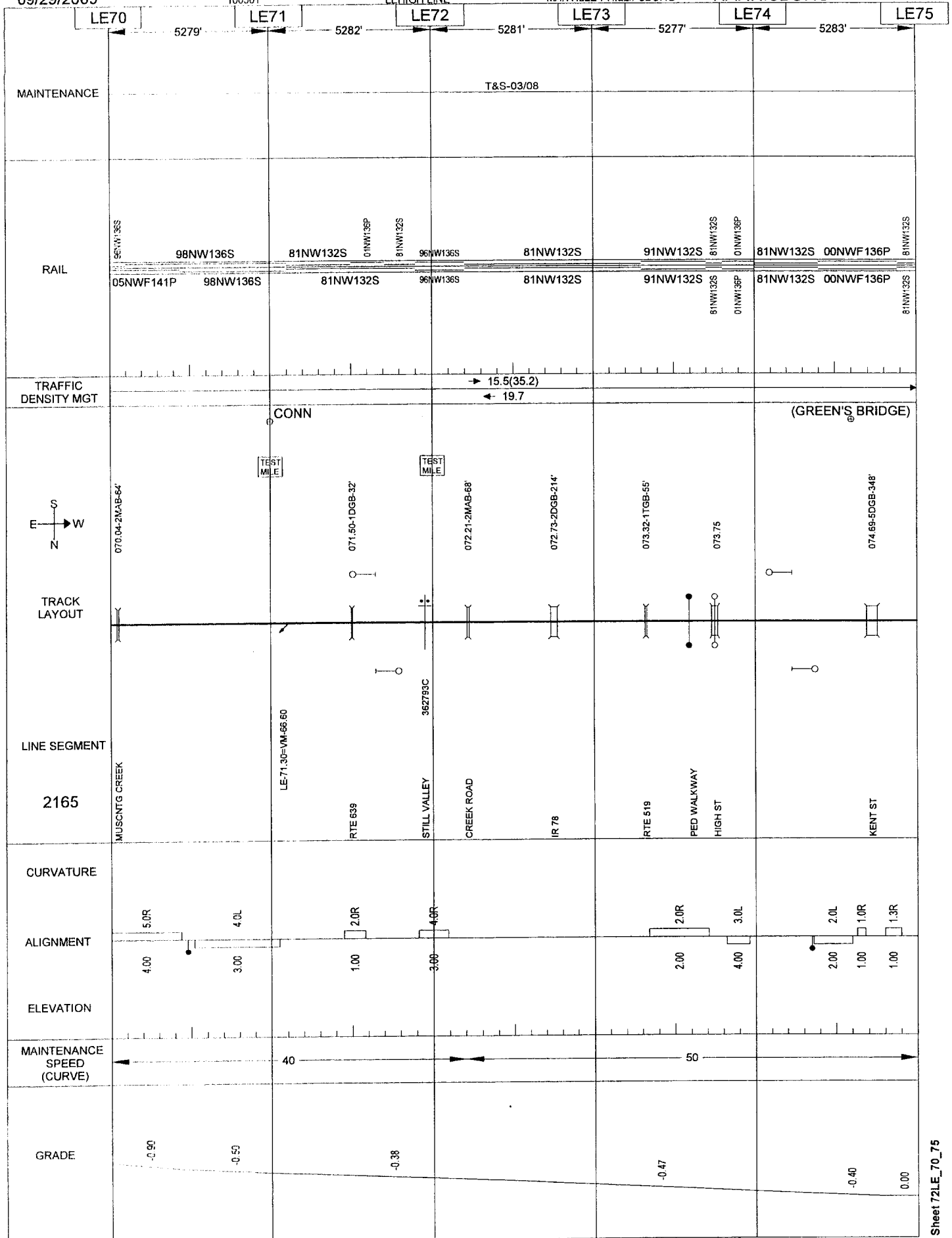
100501

055

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LE_70_75

09/29/2009

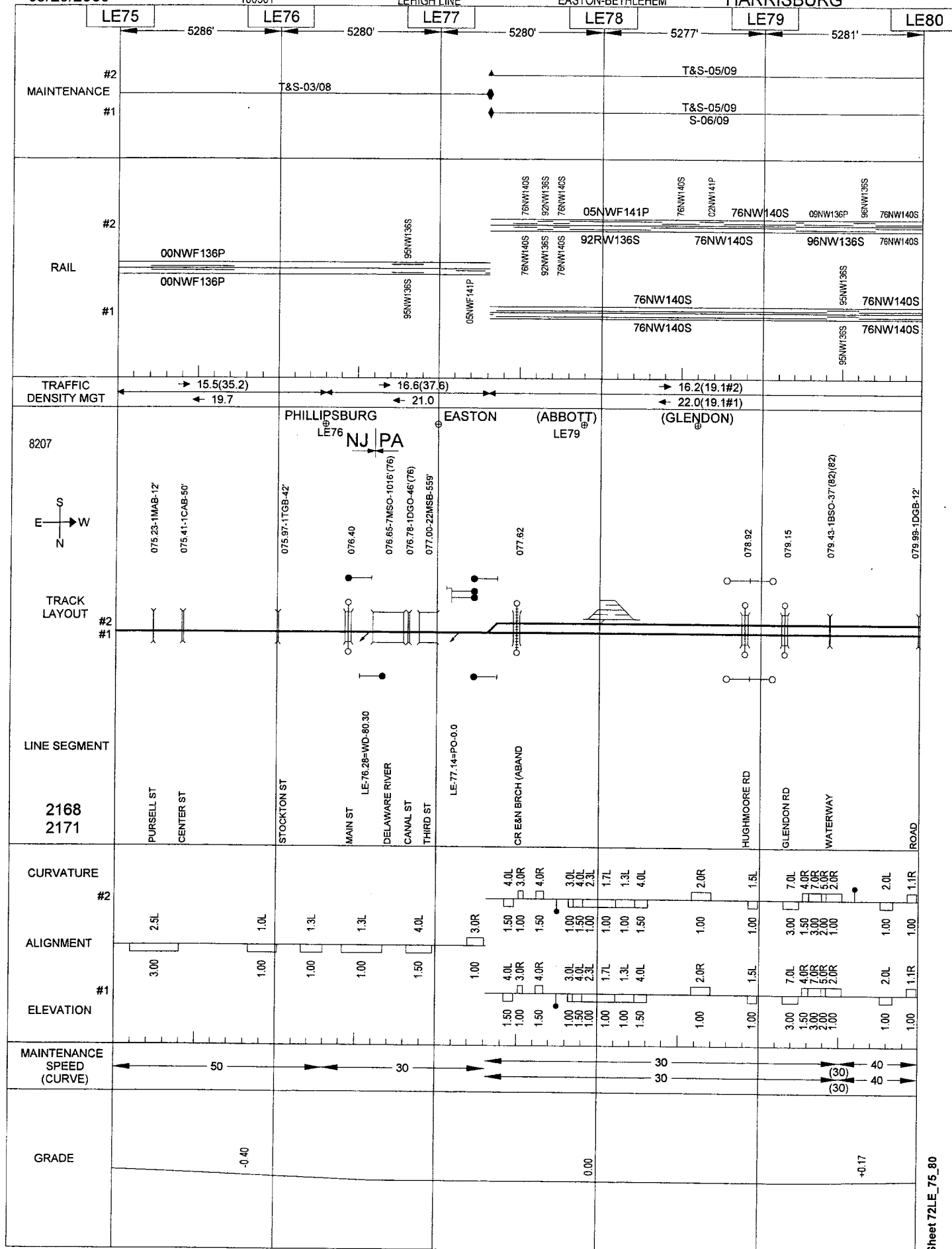
100501

056

LEHIGH LINE

EASTON-BETHLEHEM

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LE_75_80

09/29/2009

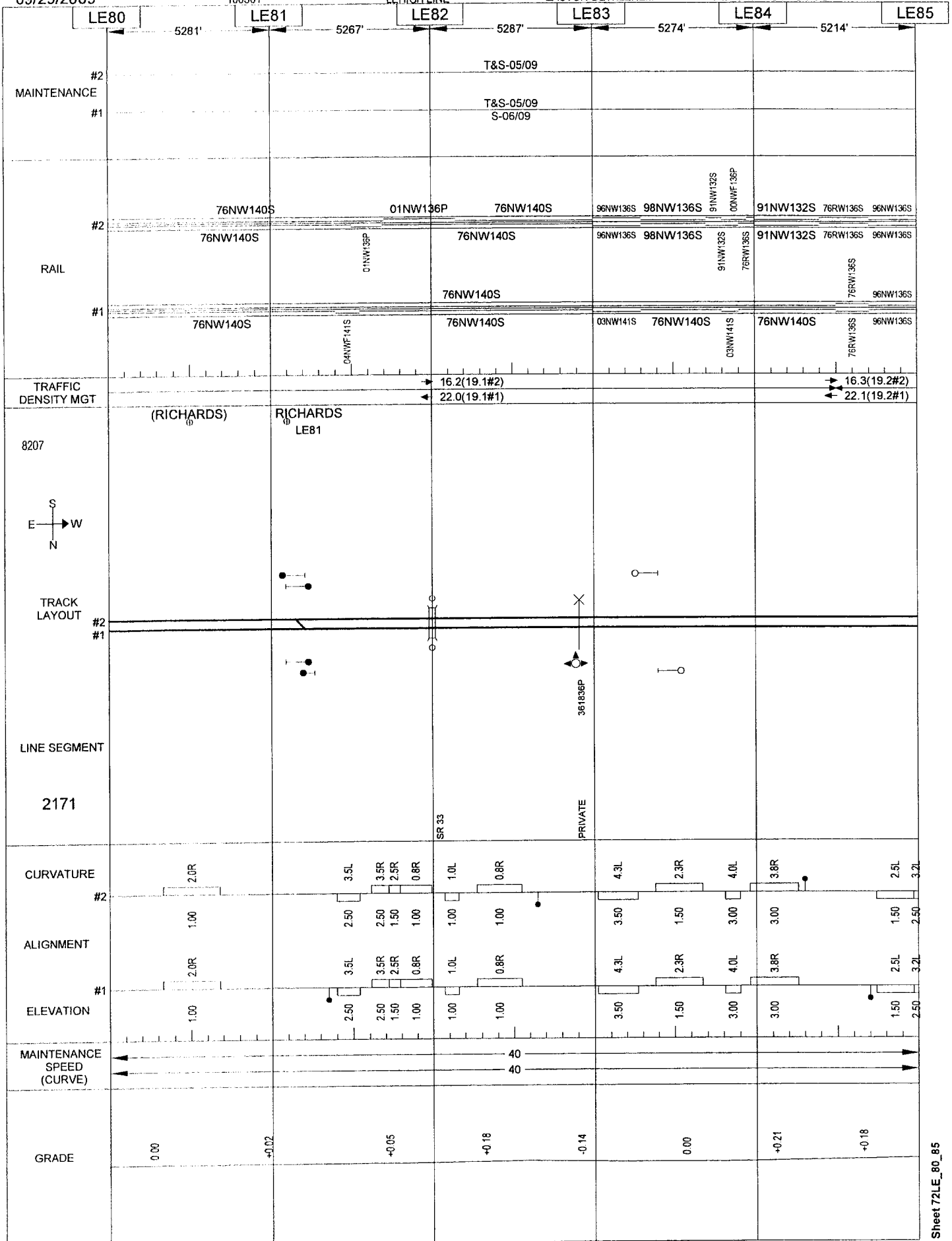
100501

057

LEHIGH LINE

EASTON-BETHLEHEM

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

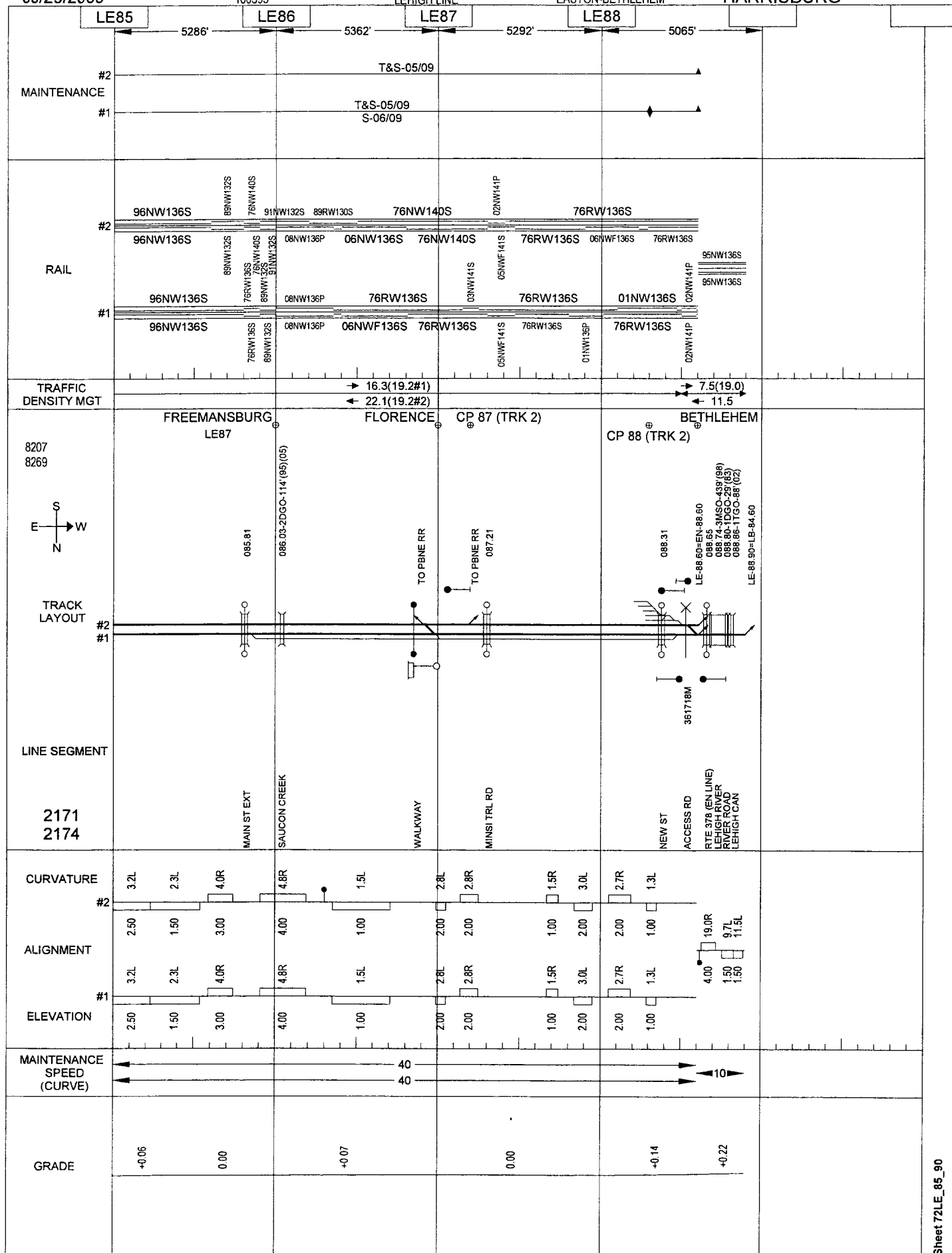
100593

058

LEHIGH LINE

EASTON-BETHLEHEM

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

100501

059

READING LINE

BETHLEHEM-EAST PENN JCT

HARRISBURG

EN89

EN90

5280'

5207'

#2
MAINTENANCE
#1

T&S-06/87
S-06/94
T&S-06/09

T&S-06/09

RAIL

#2
#1

76RW136S
76RW136S
76RW136S
76RW136S

82RW136S
82RW136S

96RW136S
96RW136S

TRAFFIC
DENSITY MGT

→ 9.9(22.1)
← 12.2

BETHLEHEM

8207

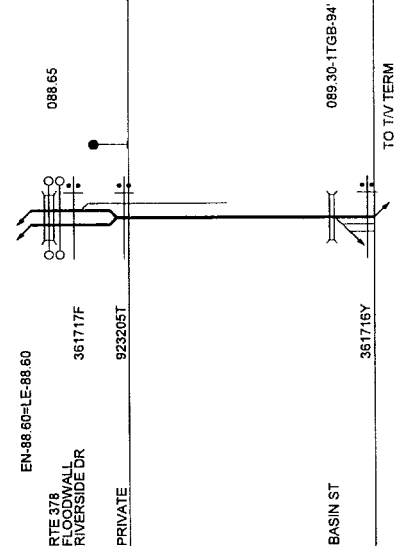
S
E → W
N

TRACK
LAYOUT

#2
#1

LINE SEGMENT

2153



TO T/V TERM

CURVATURE

#2

ALIGNMENT

ELEVATION

#1

MAINTENANCE
SPEED
(CURVE)

30
30
30

GRADE

0.00
+0.15

Sheet 72EN_85_90

General Reference Only - Not for Operational Purposes

09/29/2009

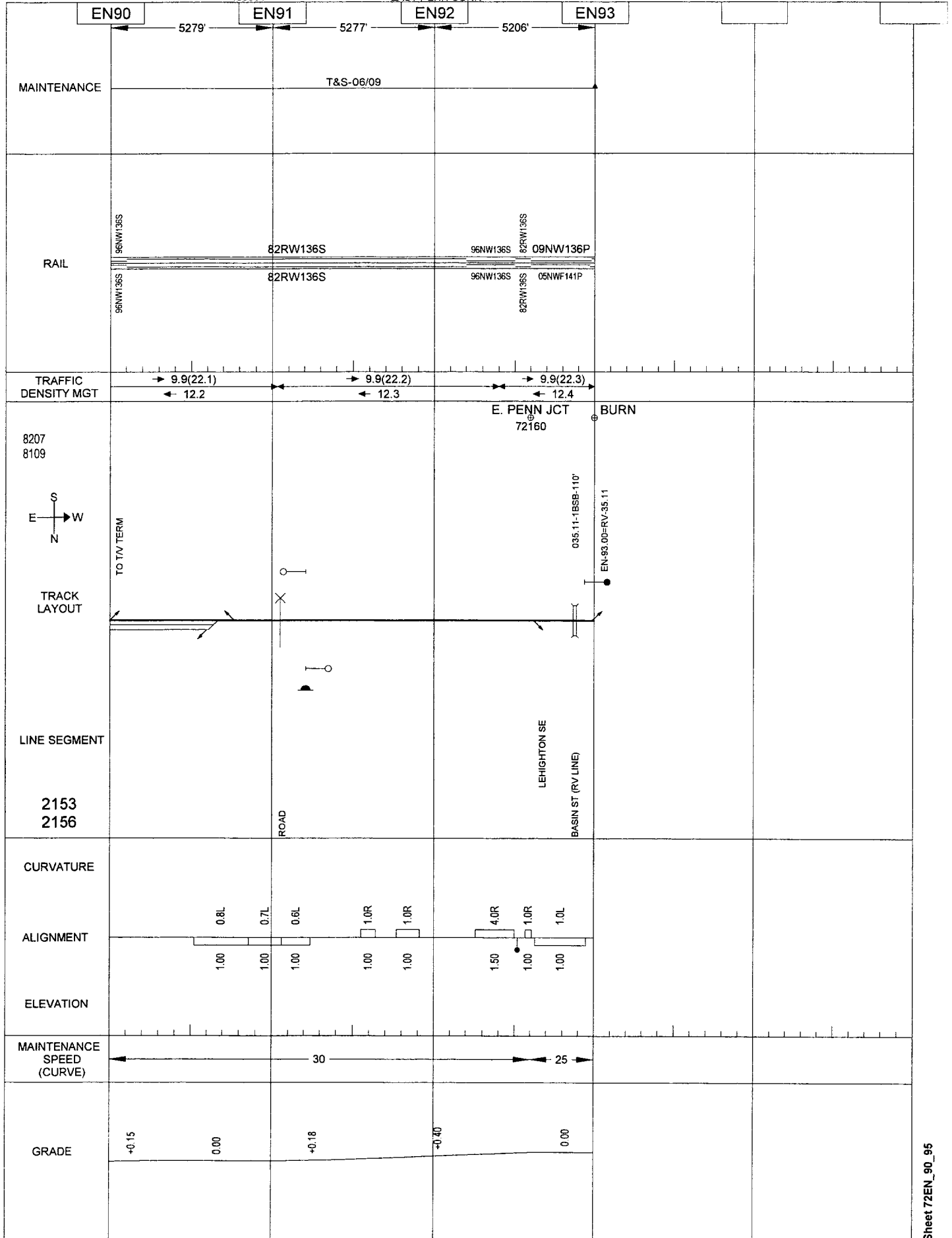
100501

060

EAST PENN CONN

EAST PENN JCT-CP BURN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72EN_90_95

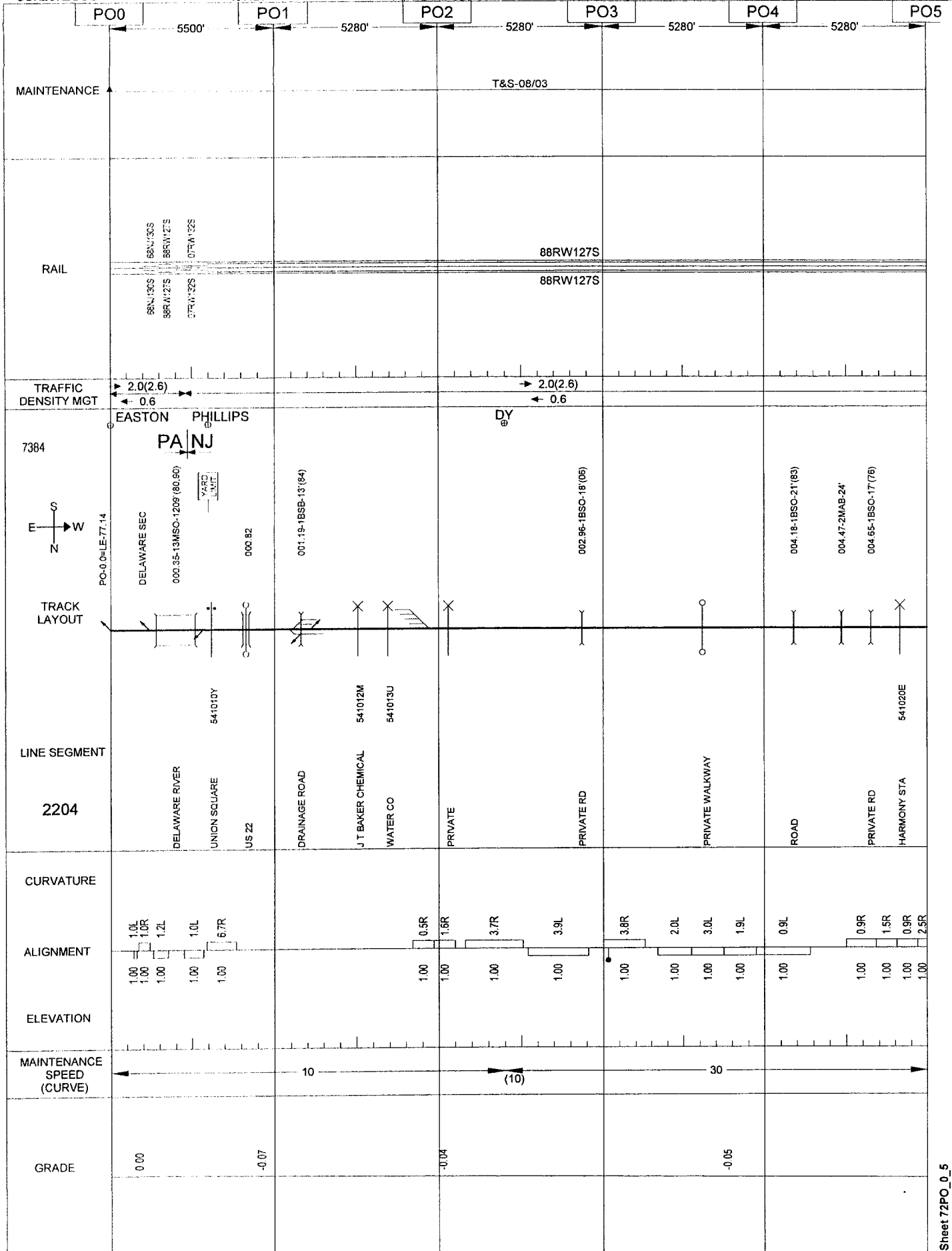
09/29/2009

101124

061
PORTLAND SEC.

EASTON-PORTLAND

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

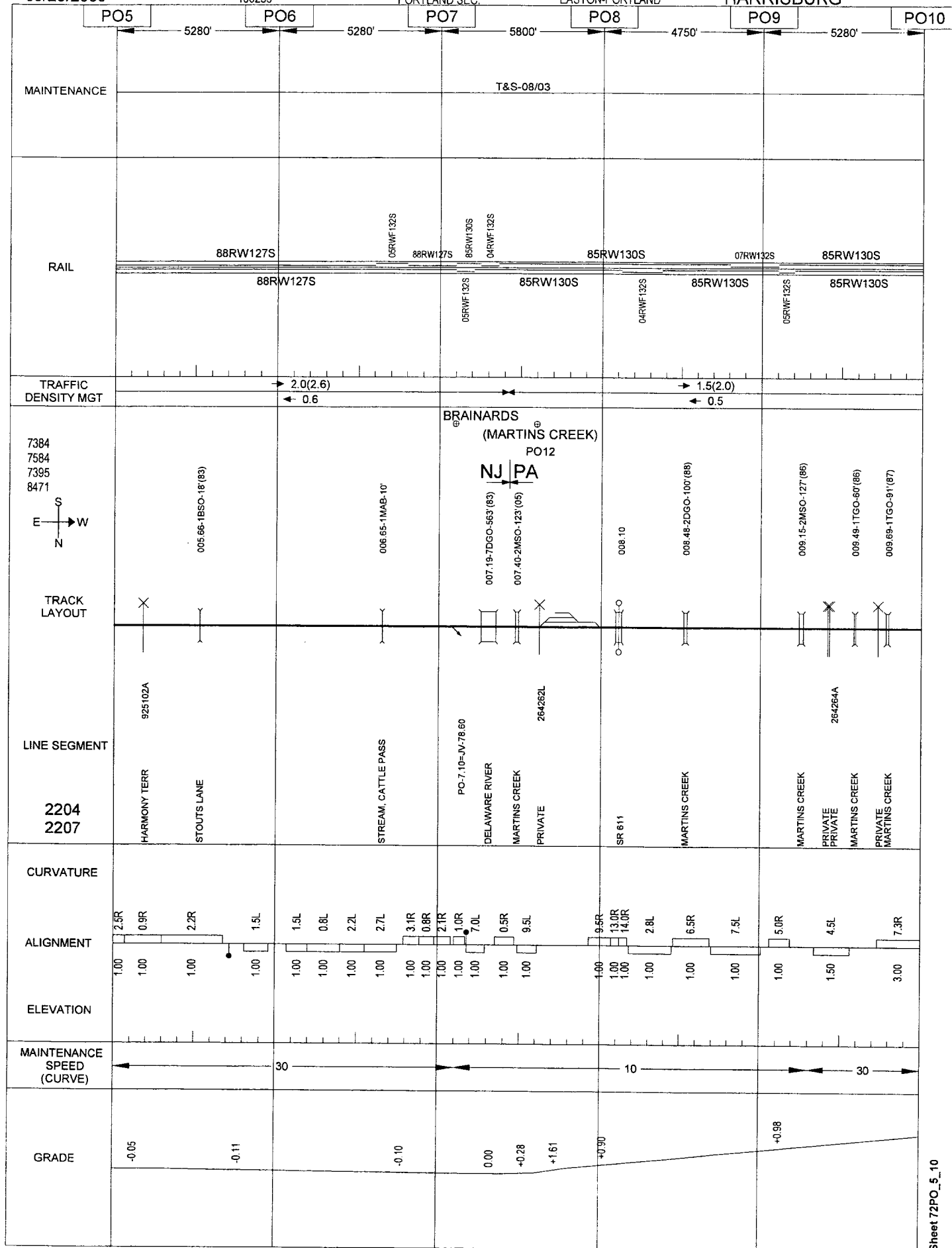
106255

062

PORTLAND SEC.

EASTON-PORTLAND

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72PO_5_10

09/29/2009

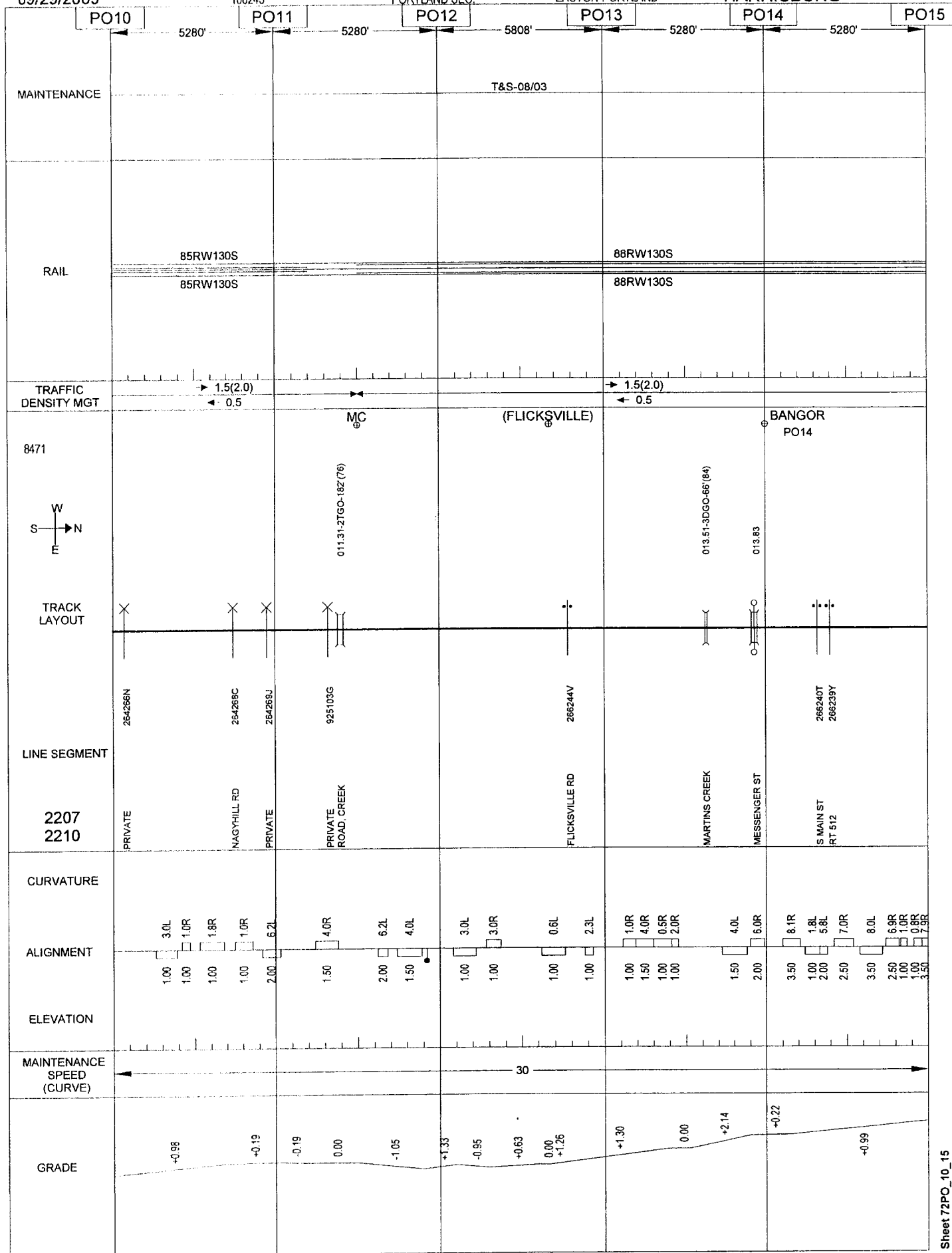
106243

063

PORTLAND SEC.

EASTON-PORTLAND

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72PO_10_15

09/29/2009

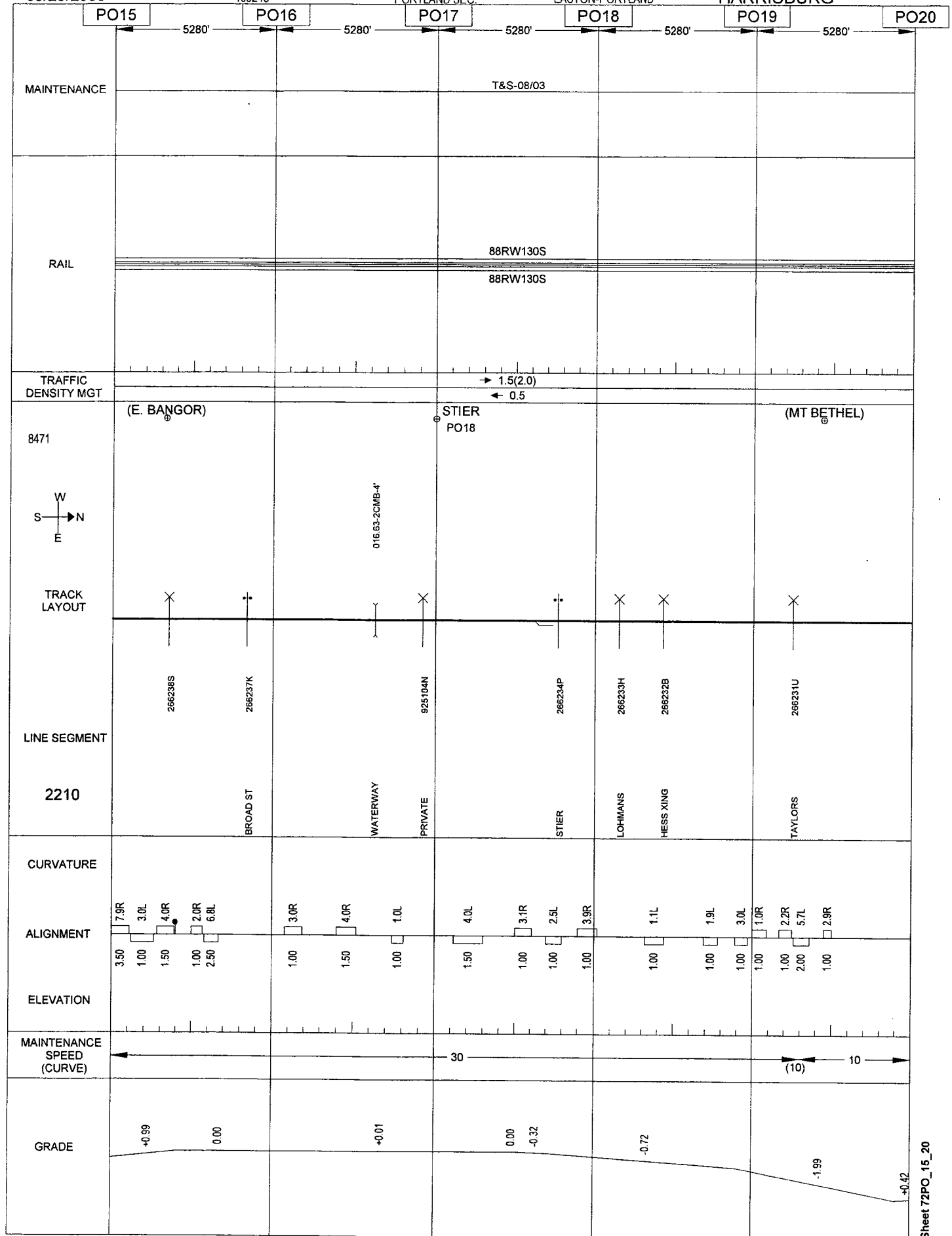
106243

064

PORTLAND SEC.

EASTON-PORTLAND

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72PO_15_20

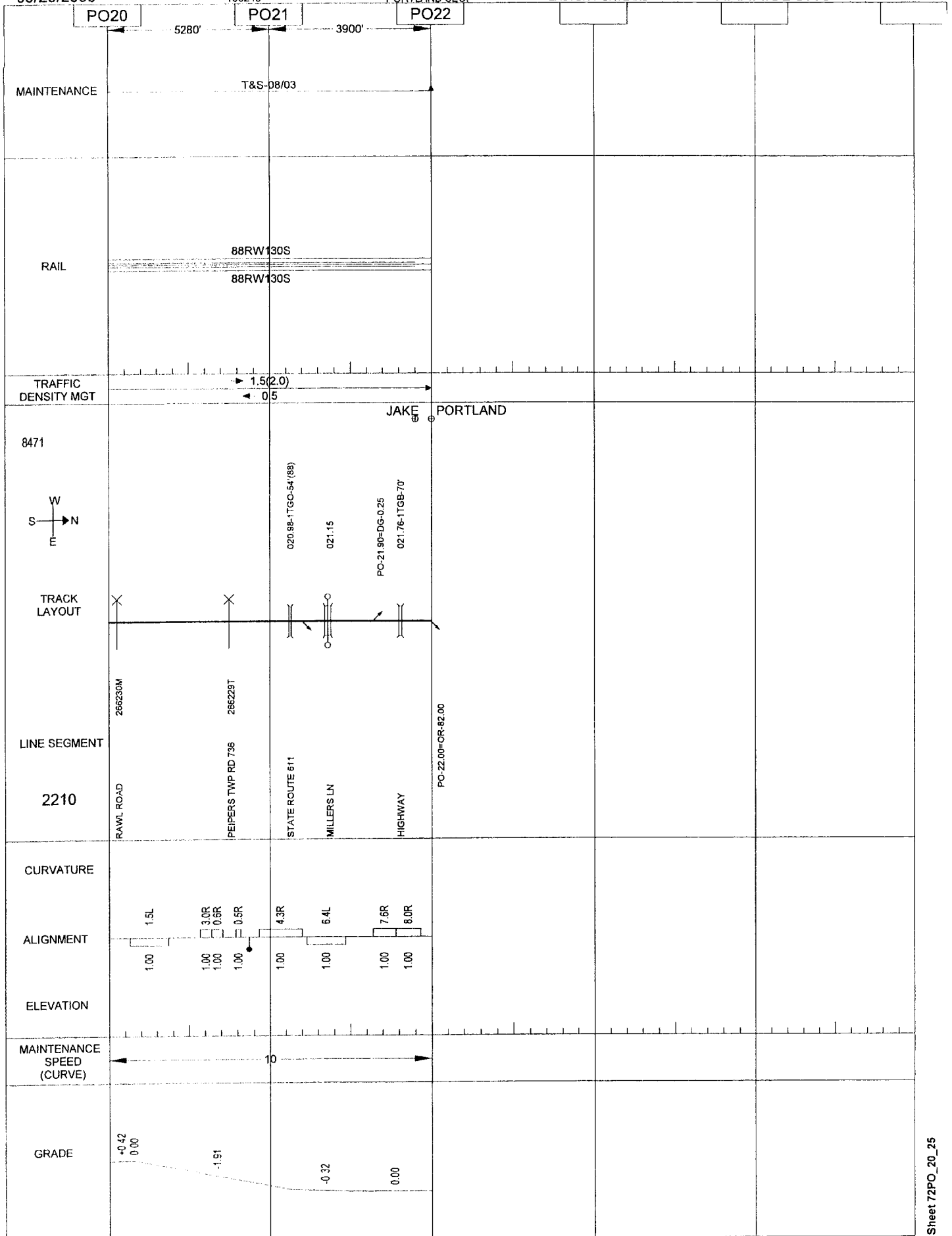
09/29/2009

106243

065
PORTLAND SEC.

EASTON-PORTLAND

HARRISBURG



General Reference Only - Not for Operational Purposes

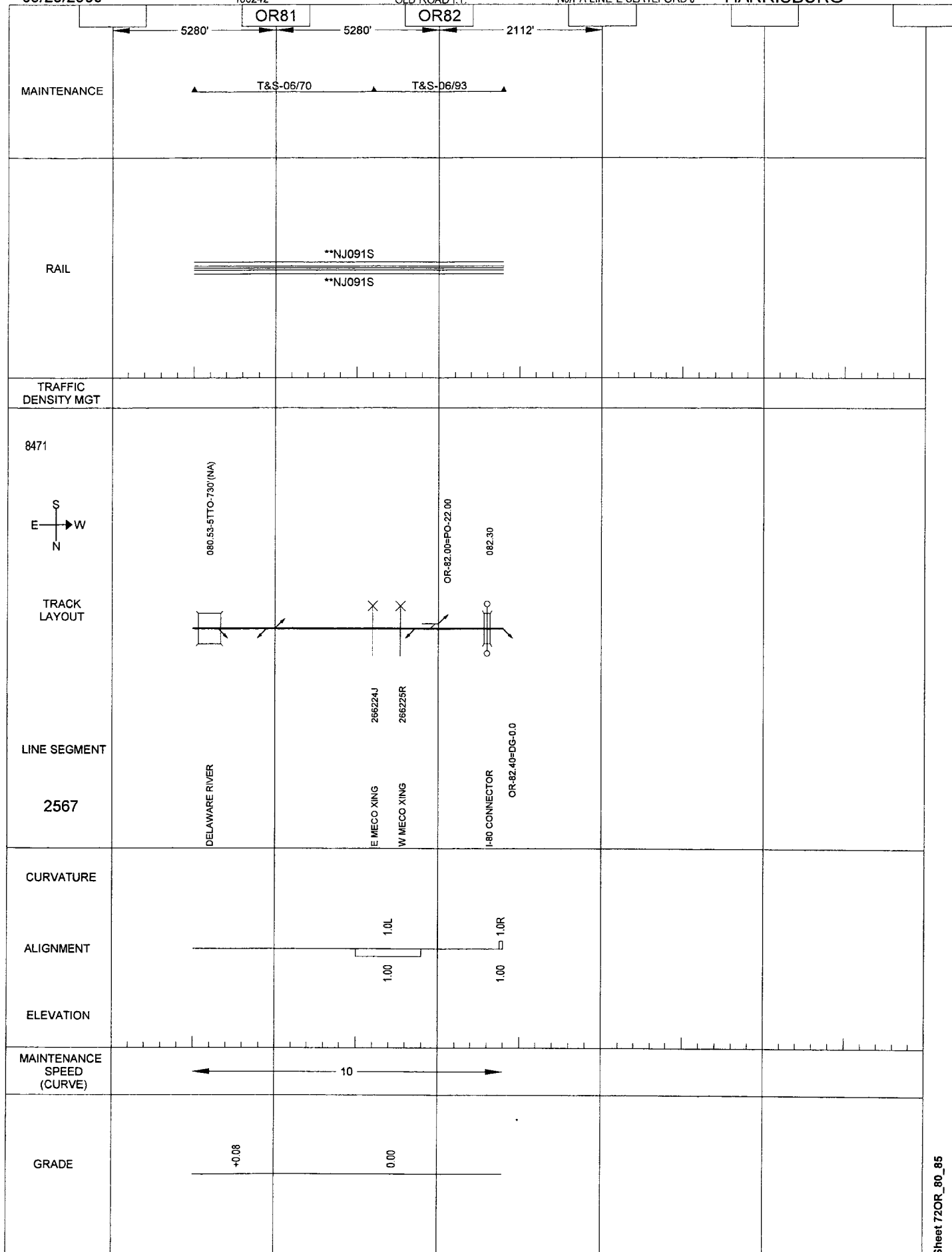
09/29/2009

106242

066
OLD ROAD I.T.

NJ/PA LINE-E SLATEFORD J

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

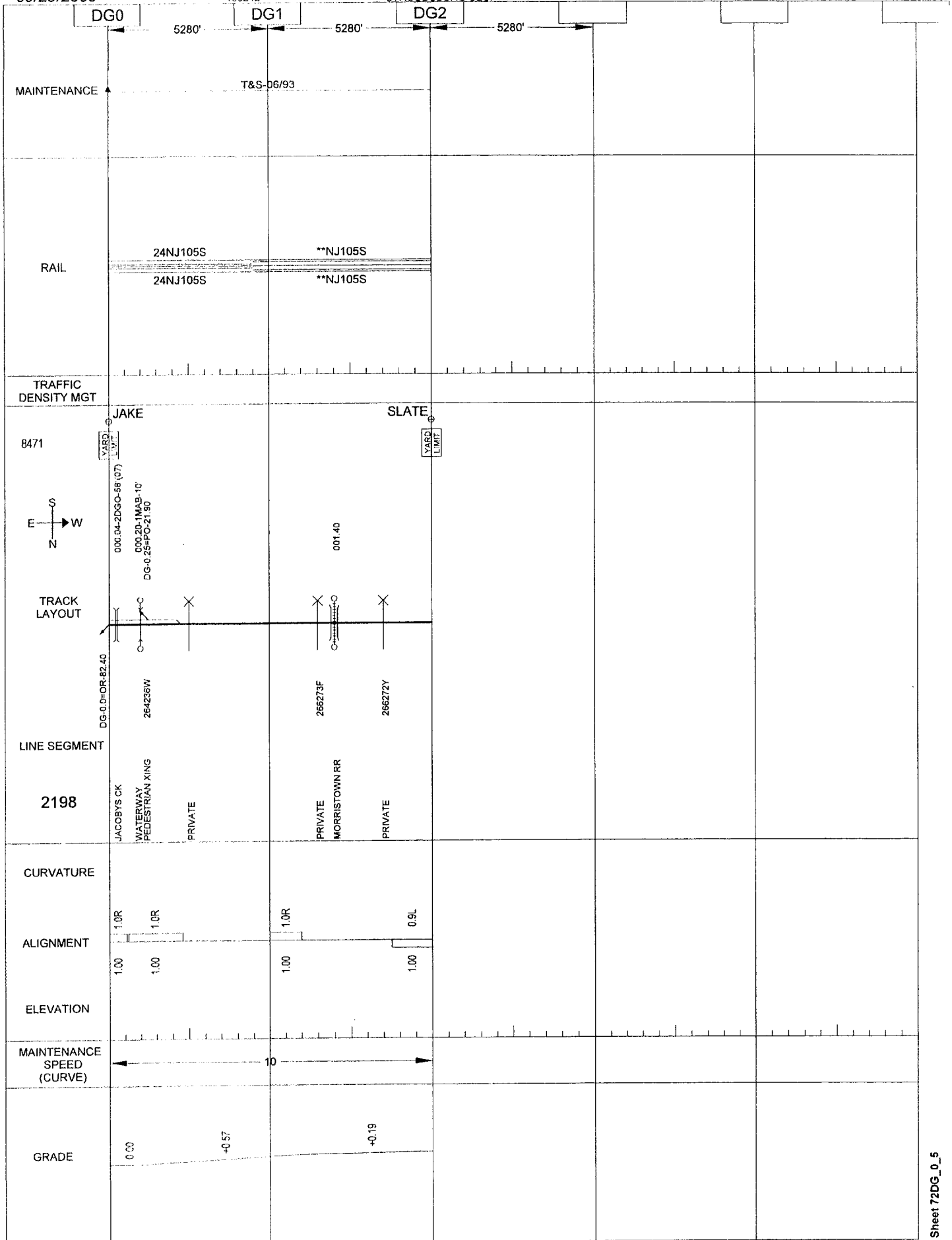
106242

067

STROUDSBURG SEC.

JAKE-GRAVEL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

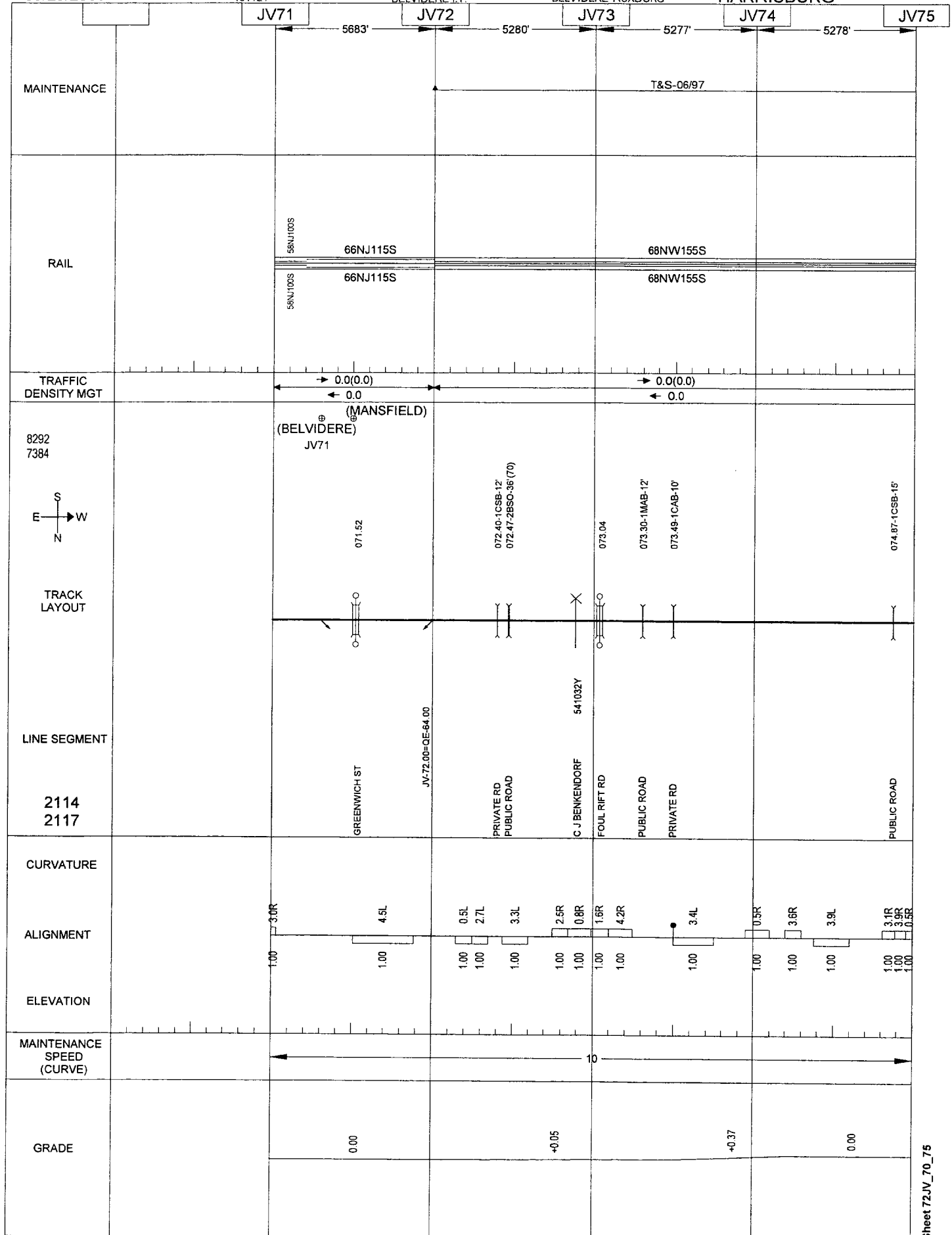
101124

068

BELVIDERE I.T.

BELVIDERE-ROXBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72JV_70_75

HARRISBURG

JV78

- 5262'

T&S-06/85
S-06/88

88RW127S

88RW127S

TRAFFIC DENSITY MGT

→ 0.0(0.0)
← 0.0

ROXBURG

BRAINARDS
(MARTINS CREEK)

7384

075.53-1MAB-12"

076.08-1CSB-22'
076.17-1MAB-19'

TRACK LAYOUT

LINE SEGMENT

2117
2120

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

0.00

♀

General Reference Only - Not for Operational Purposes

Sheet 72JV_75_80

09/29/2009

101124

070

BELVIDERE I.T.

BELVIDERE

HARRISBURG

QE64

QE65

5278'

T&S-06/92

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGTTRACK
LAYOUT

LINE SEGMENT

2591

CURVATURE

ALIGNMENT

ELEVATION

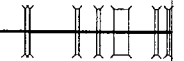
MAINTENANCE
SPEED
(CURVE)

GRADE

(BELVIDERE)

QE 64.00=IV-72.00

064.39-1CAB-17'
064.41-1CSB-22'
064.60-3TGB-74'
064.69-3TGB-73'
064.76-9MSC-318'(84)
064.93-3TGB-73'
064.98-1TGB-56'(70)



POPHANDUSING CREEK
4TH STREET
2ND STREET
FRONT ST
SOUTH WATER STREET
PAUL STREET
JAMES ST

4.1R
2.6R
3.1L
1.4L
6.3R
1.00
1.00
1.00
1.00
1.00

10

+0.08

General Reference Only - Not for Operational Purposes

Sheet 72QE_60_65

09/29/2009

101124

071

BELVIDERE I.T.

BELVIDERE

HARRISBURG

QE65

1584'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT



TRACK
LAYOUT

065.08



LINE SEGMENT

2591

MARKET ST

CURVATURE

ALIGNMENT

ELEVATION

6.3R

1.00

MAINTENANCE
SPEED
(CURVE)

10

GRADE

+0.08

General Reference Only - Not for Operational Purposes

09/29/2009

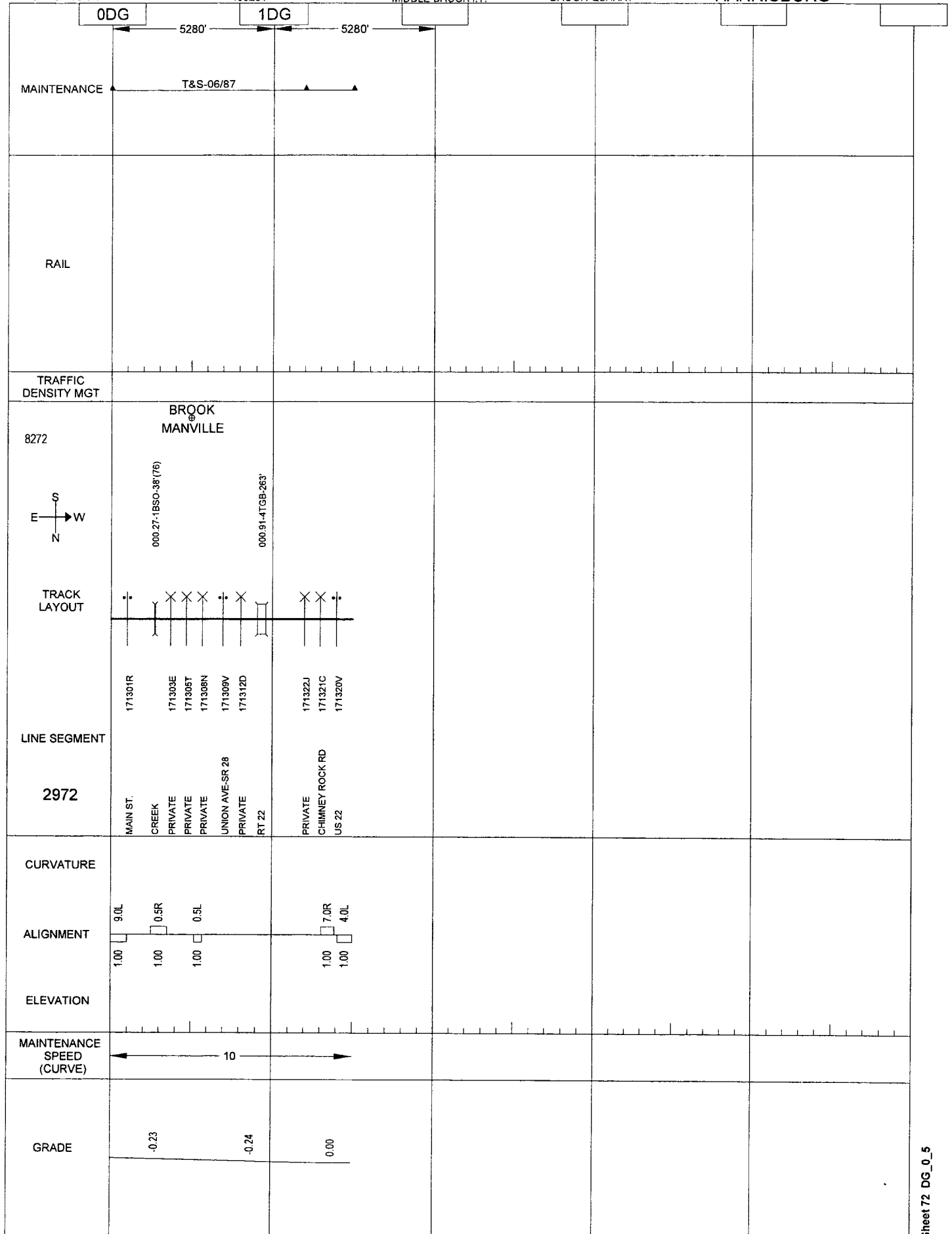
100231

072

MIDDLE BROOK I.T.

BROOK-QUARRY

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

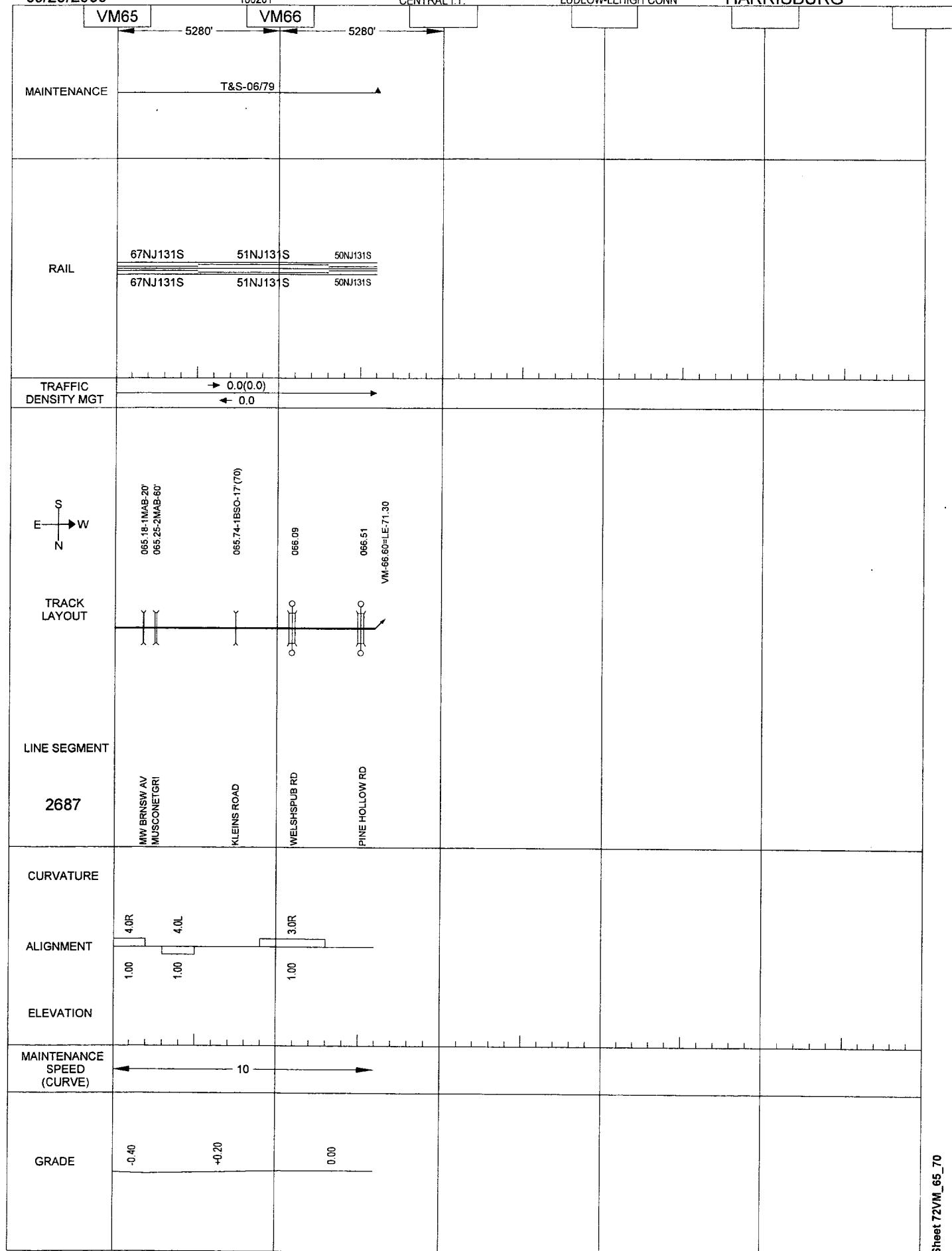
100201

074

CENTRAL I.T.

LUDLOW-LEHIGH CONN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72VM_65_70

09/29/2009

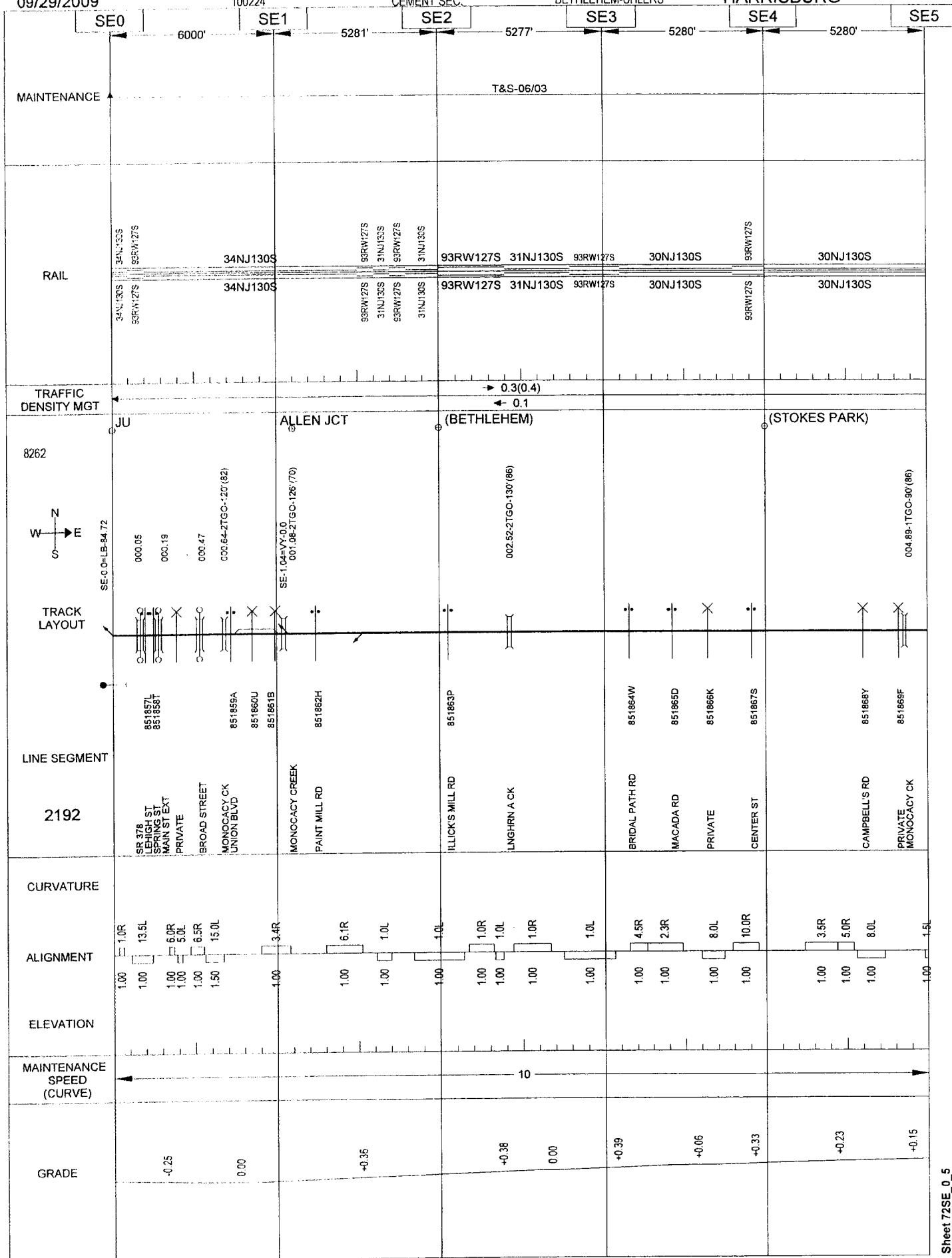
100224

075

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SE_0_5

09/29/2009

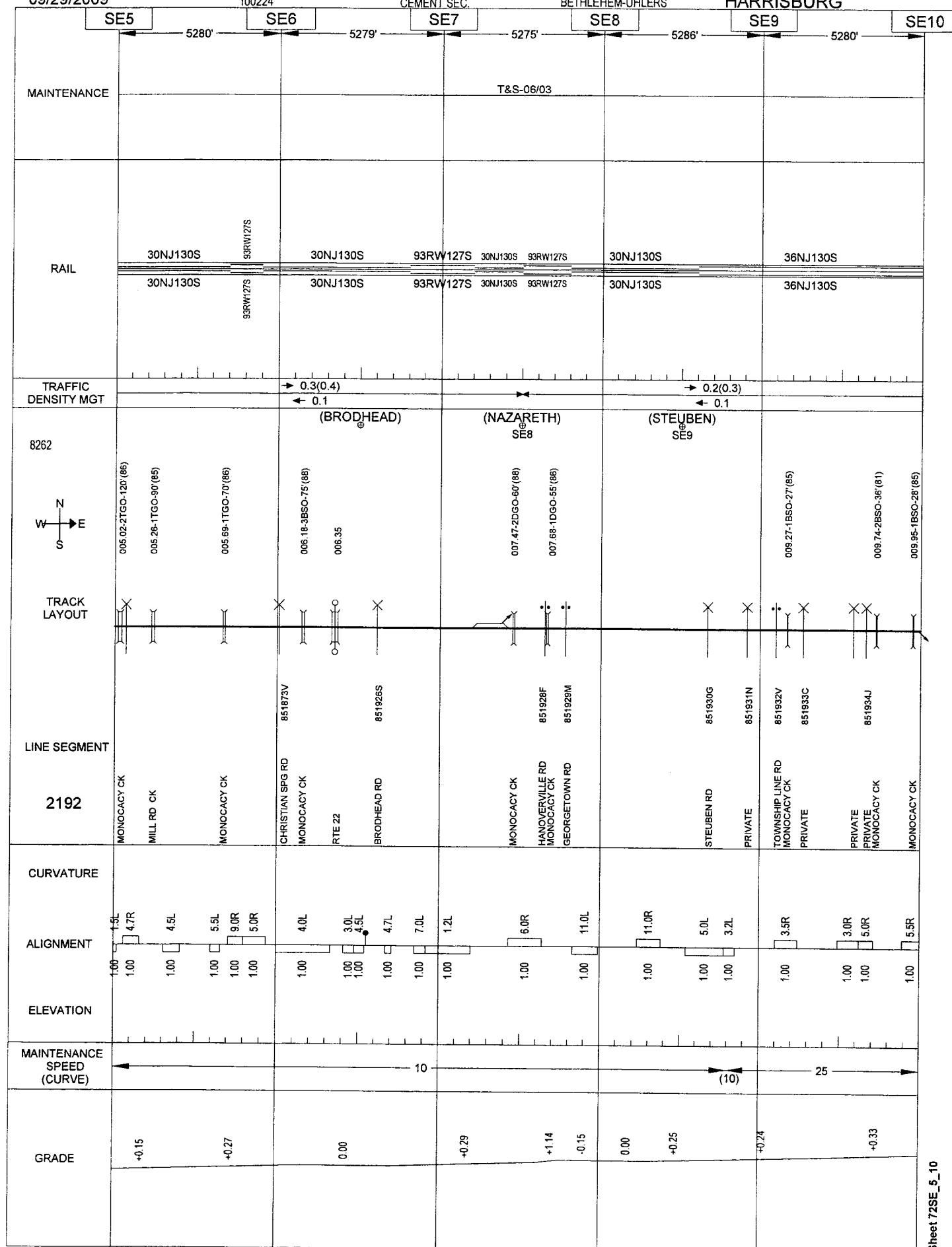
100224

076

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SE_5_10

09/29/2009

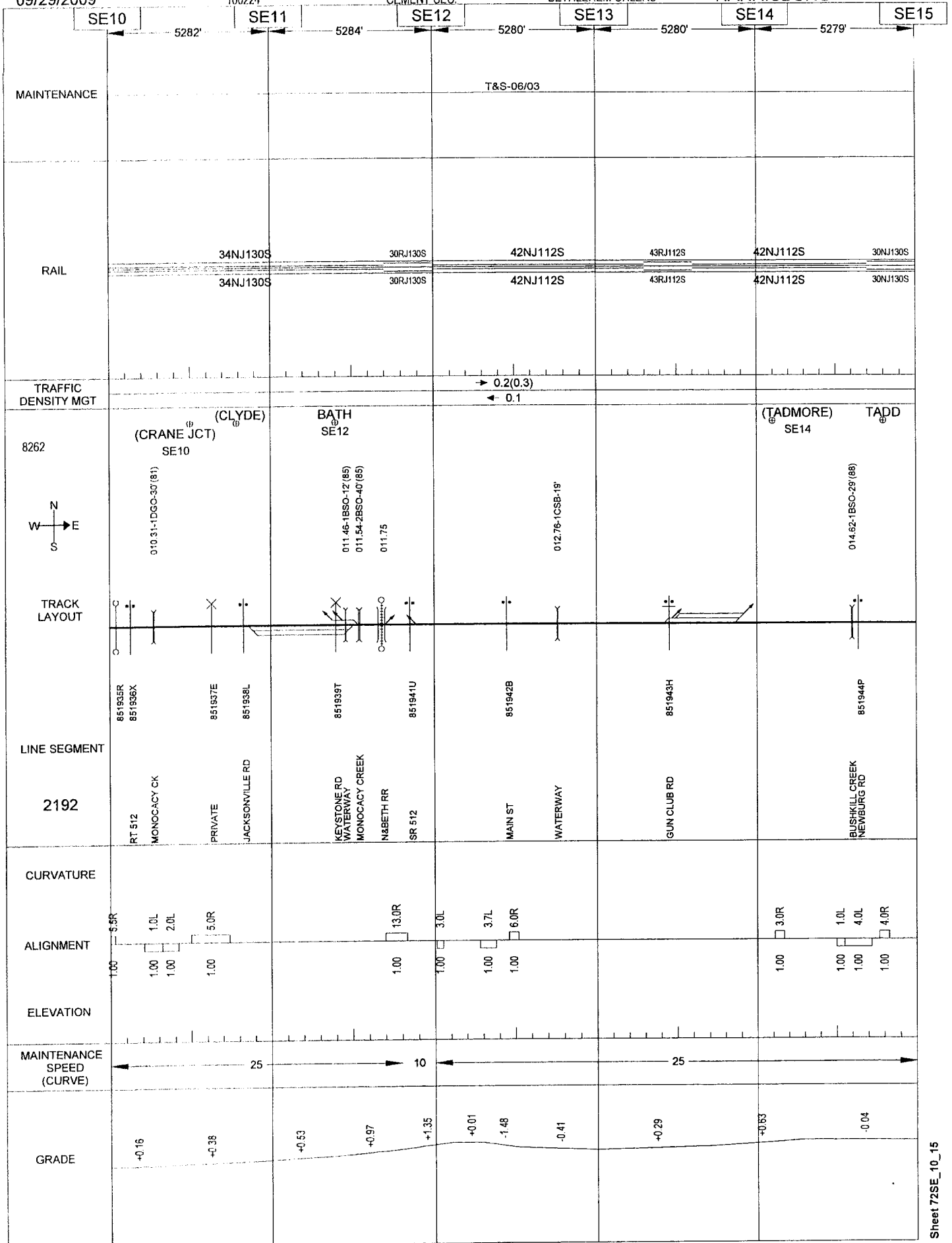
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077

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SE_10_15

09/29/2009

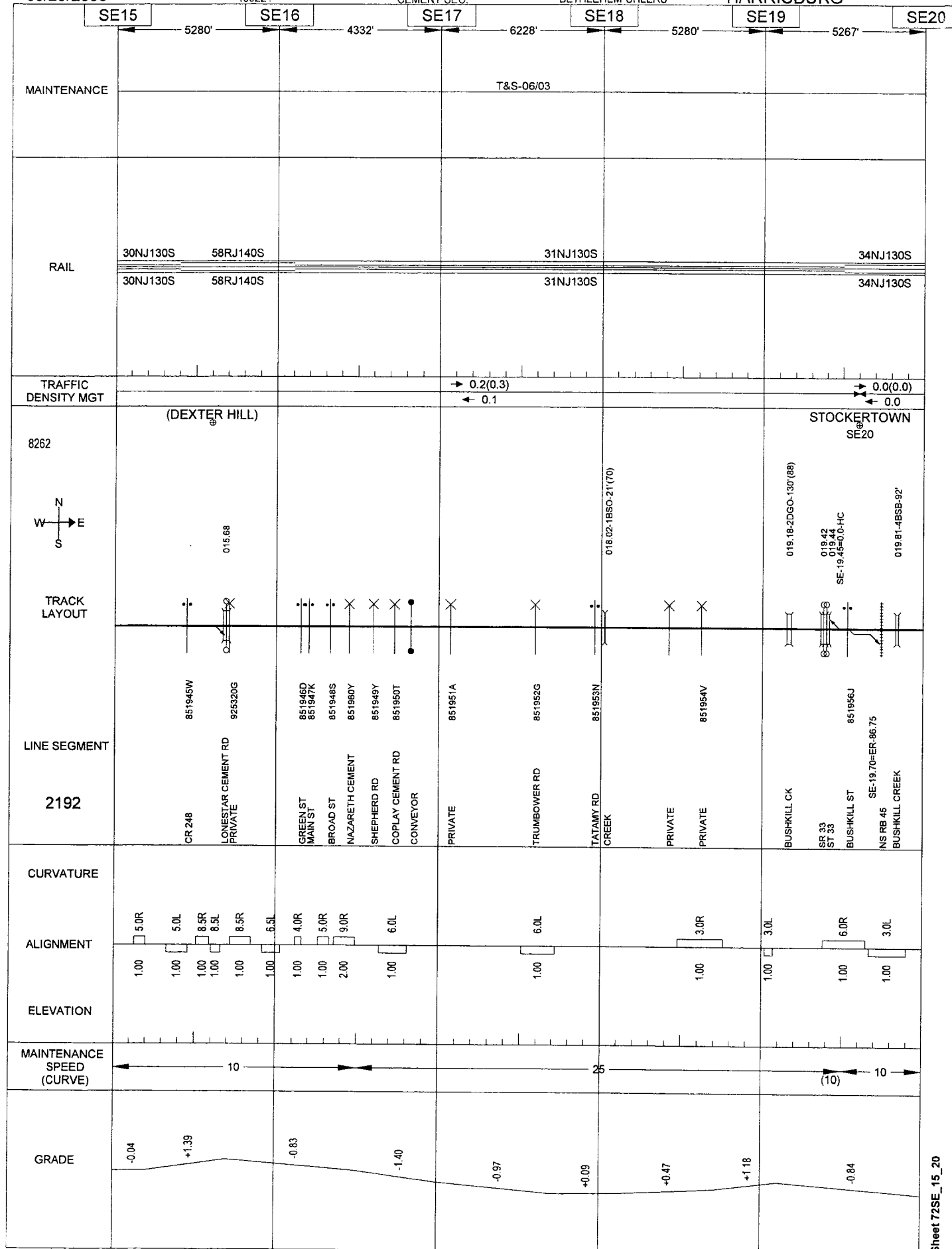
100224

078

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SE_15_20

09/29/2009

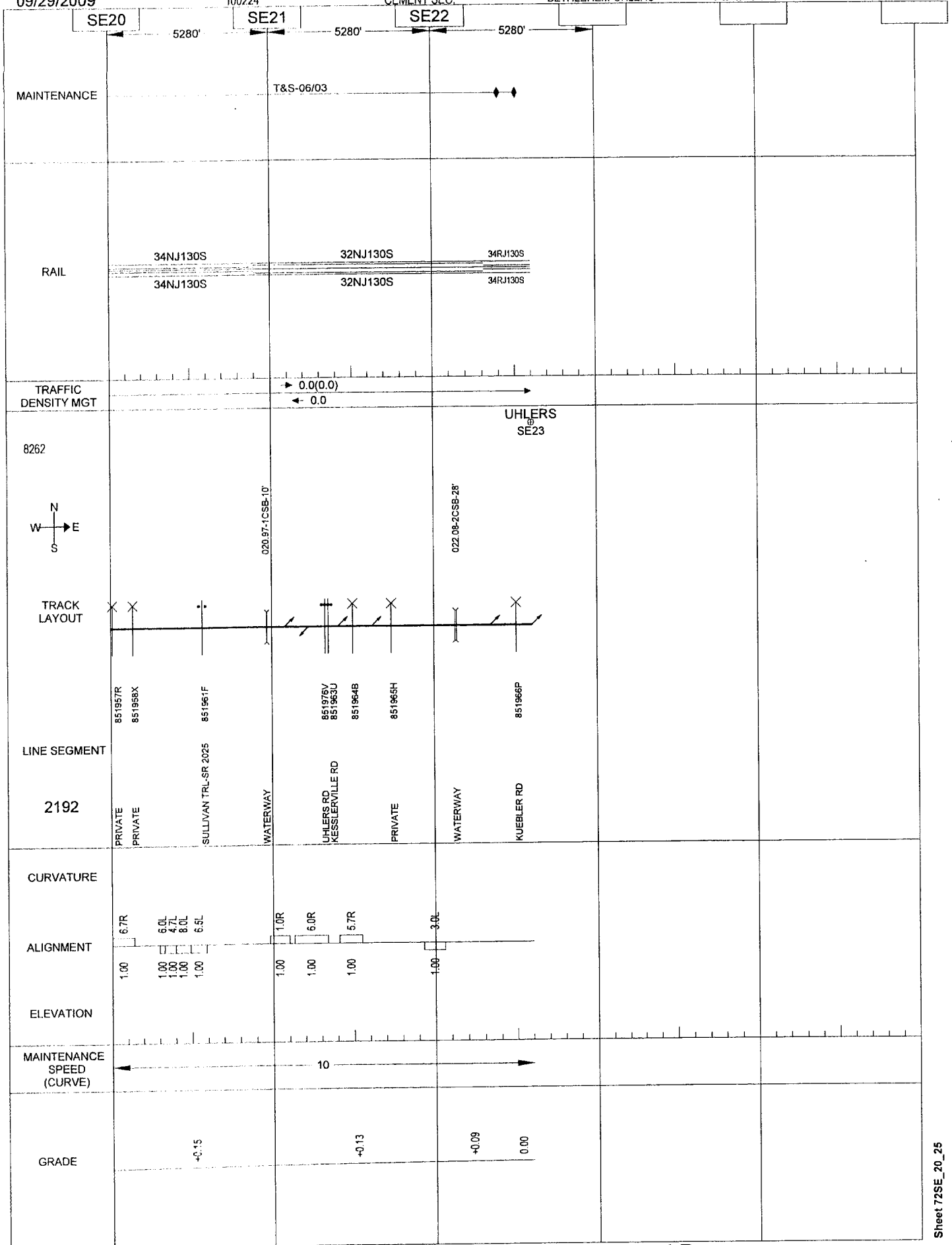
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079

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

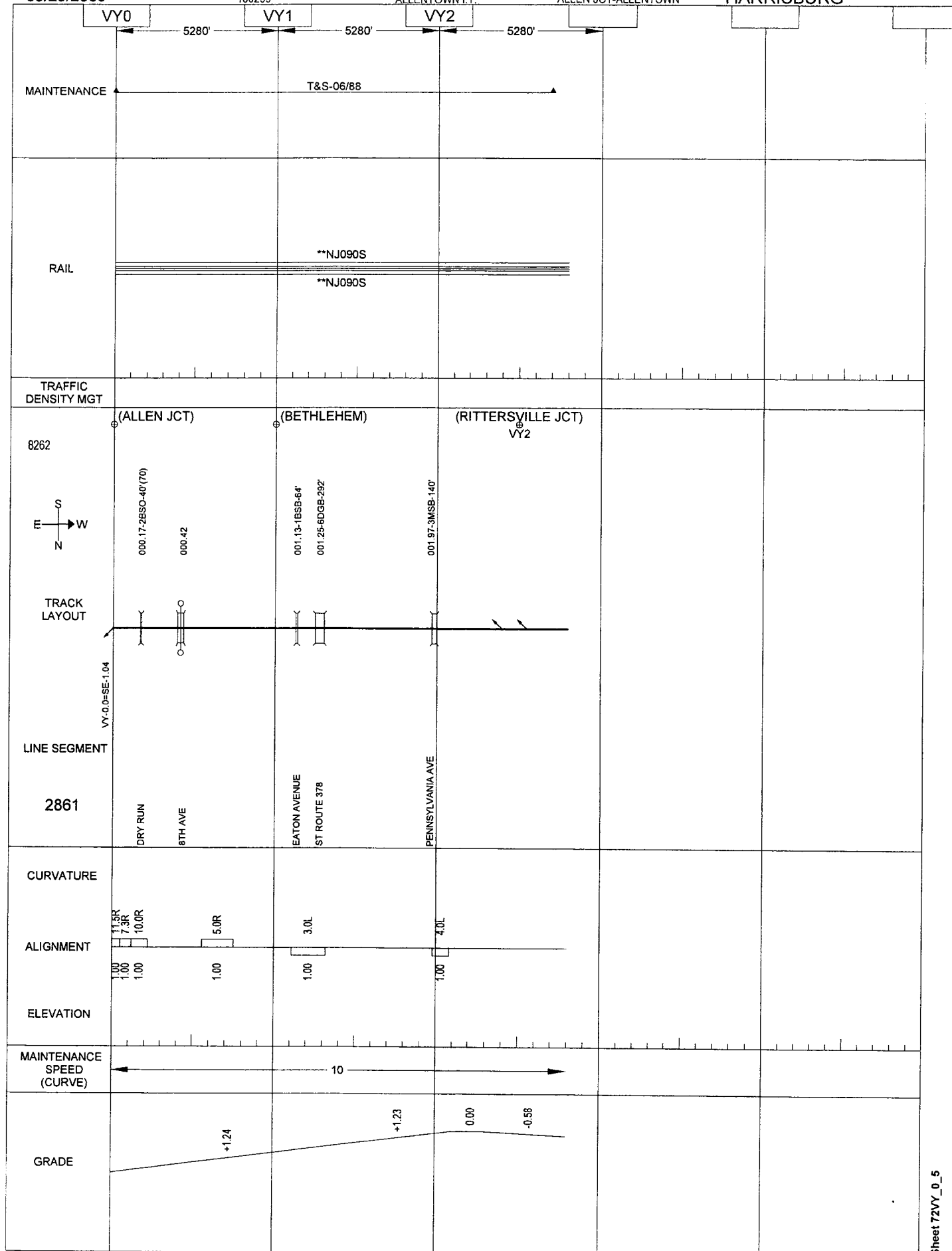
100299

080

ALLENTOWN I.T.

ALLEN JCT-ALLENTOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72VY_0_5

09/29/2009

100513

081

E & N.I.T.

13TH ST JCT-END

HARRISBURG

ER87

5284'

5281'

MAINTENANCE

RAIL

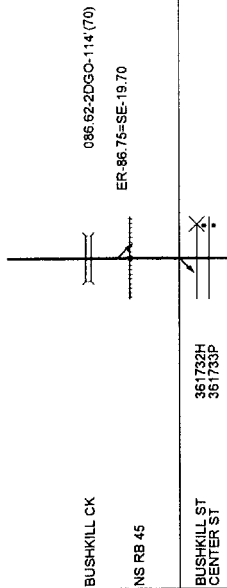
**NJ100S

**NJ100S

TRAFFIC
DENSITY MGT



TRACK
LAYOUT

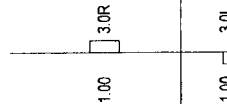


LINE SEGMENT

2469

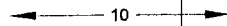
CURVATURE

ALIGNMENT

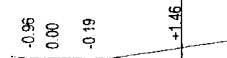


ELEVATION

MAINTENANCE
SPEED
(CURVE)



GRADE



General Reference Only - Not for Operational Purposes

09/29/2009

106243

082
NAZARETH I.T.

BELFAST JCT-DEXTER HILL

HARRISBURG

AV104

5280'

5280'

MAINTENANCE

T&S-06/67

RAIL

21NJ105S

**NJ105S

21NJ105S

**NJ105S

TRAFFIC
DENSITY MGT

8471

W
S → N
ETRACK
LAYOUT(HERCULES JCT)
AV104103.76
103.79
AV-103.85=0.80-HC
104.06-1.DGO-54/(87)8
8

266269R

266270K

LINE SEGMENT

2048

SR 33
SR 33BUSHKILL CK
PRIVATE

NISKYS, LR 4-915

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

0.00

+1.18

+1.52

0.00

General Reference Only - Not for Operational Purposes

Sheet 72AV_100_105

09/29/2009

100521

083
LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG

LB84

LB85

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8269



TRACK
LAYOUT

LINE SEGMENT

2177
2180

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

95NW136S
07NW136P

7.5(19.2)
11.7

BETHLEHEM

084.13
084.24-1DGO-56'(70)

084.84

LB-84.60-LE-88.90

925115B

510807S

LB-84.72-SE-0.0

NEW ST BR
PRIVATE
MONACACY CREEK
S MAIN ST
RTE 378

0.3R
1.00

20

0.00

General Reference Only - Not for Operational Purposes

Sheet 72LB_80_85

09/29/2009

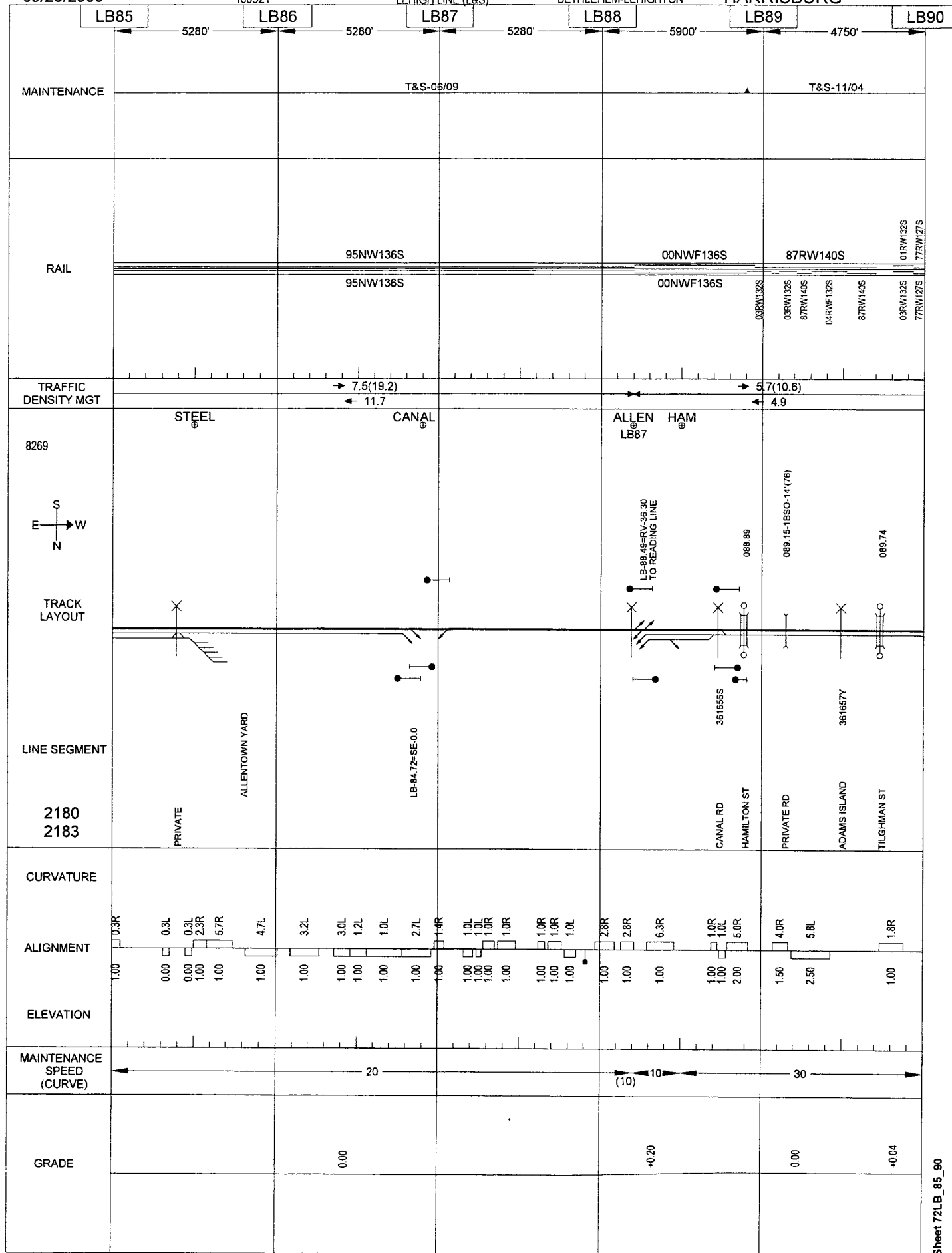
100521

084

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LB_85_90

09/29/2009

100521

085

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG

LB90

LB91

LB92

LB93

LB94

LB95

5280'

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-11/04

RAIL

77RW127S

77RW127S

06RW132S

77RW127S

01RW 32S

77RW127S

77RW127S

01RW 32S

77RW127S

TRAFFIC
DENSITY MGT

5.7(10.6)

4.9

4.4(7.5)

3.1

4.2(6.8)

2.6

8269

TEST
MILE

WK

090.15-1DGO-80 (76)

TEST
MILE

090.83

CATY

LB91

091.96-1DGO-35 (05)

(CATASAUQUA)

LB93

092.35-1BSO-17 (76)

092.56

093.03-1TTO-158 (06)

093.16

093.49-1DGO-17 (08)

093.96-1MAB-14

NORTHAMPTON

LB95

094.33

094.43-2CAB-86

094.50-1DGO-35 (05)

S
E → W
NTRACK
LAYOUT

361658F

361660G

LINE SEGMENT

2183

LEHIGH CANL

WK XING

US 22

CATASAUQUA CREEK
RACE ST

CRAN IRN RD

PINE ST

LEHIGH CAN

EUGENE ST

PRIVATE RD

CARBON CK

TO NDCR RR
9TH ST
10TH ST
LAUBACH AVE

CURVATURE

ALIGNMENT

6.8L

6.0R

2.0R

1.3R

2.0L

3.3L

0.7L

2.0L

4.0R

2.3R

1.7R

5.0R

1.2L

1.5L

2.0L

0.7L

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

(20)

30

GRADE

+0.04

+0.46

-0.11

+0.04

General Reference Only - Not for Operational Purposes

Sheet 72LB_90_95

09/29/2009

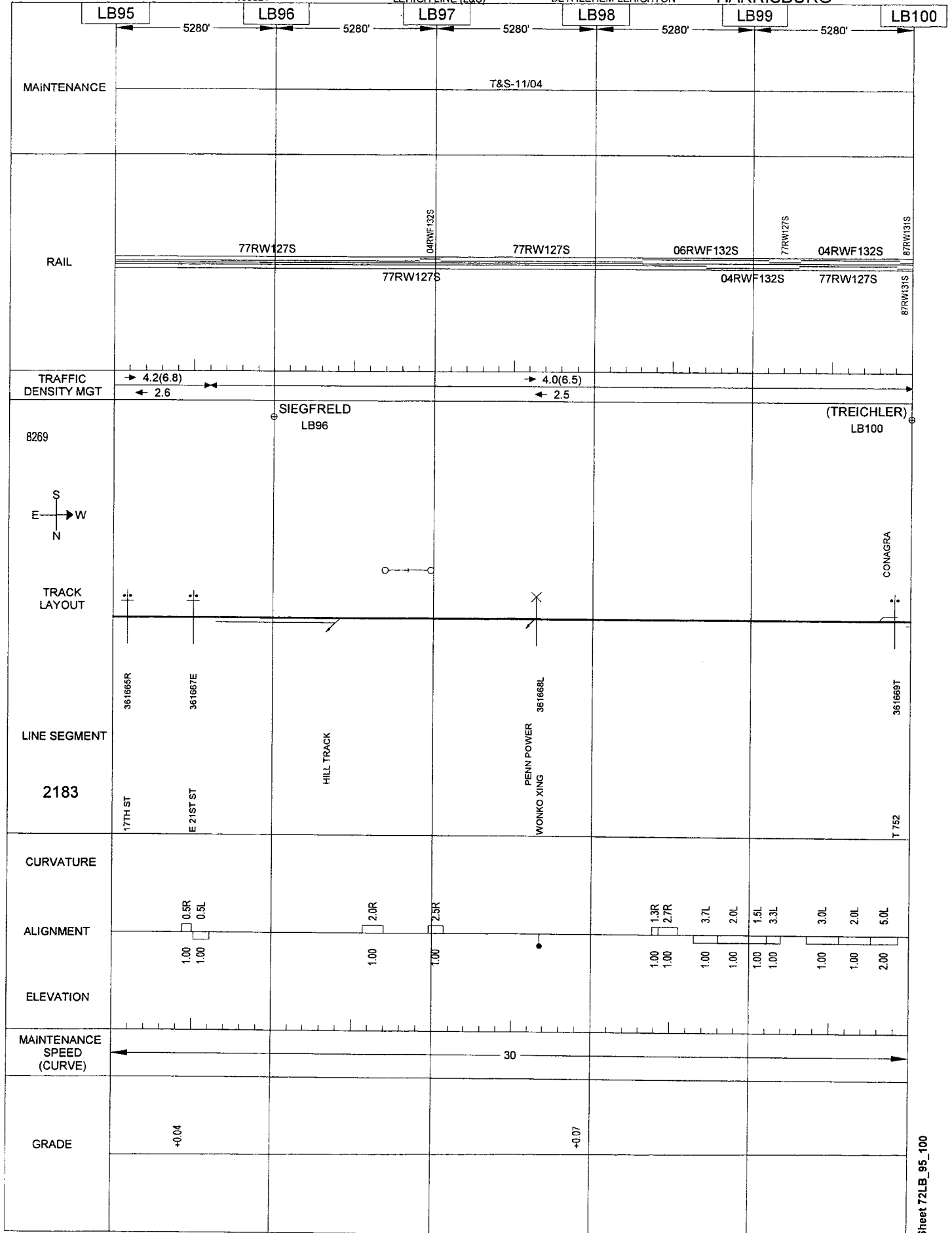
086

100521

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LB_95_100

09/29/2009

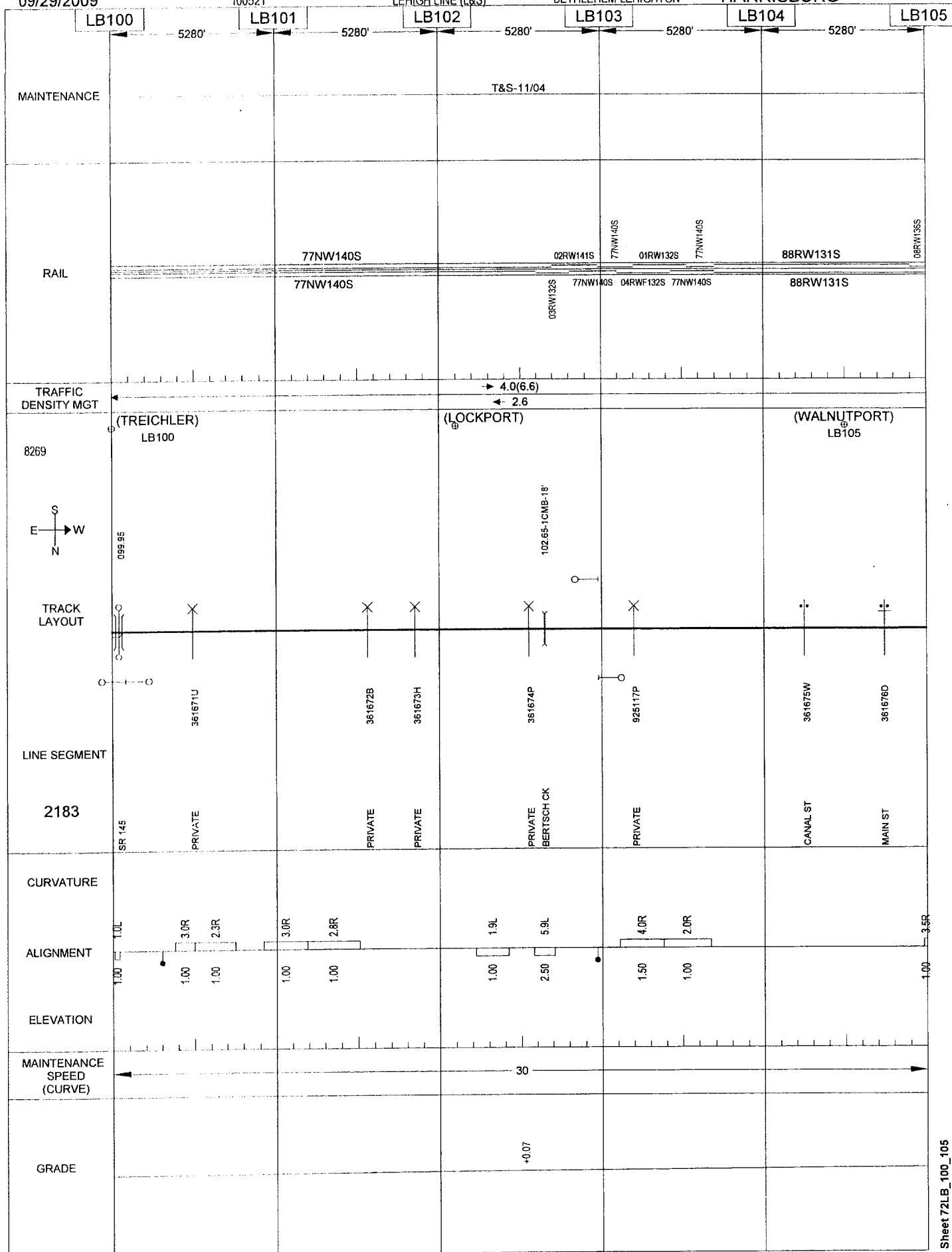
100521

087

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LB_100_105

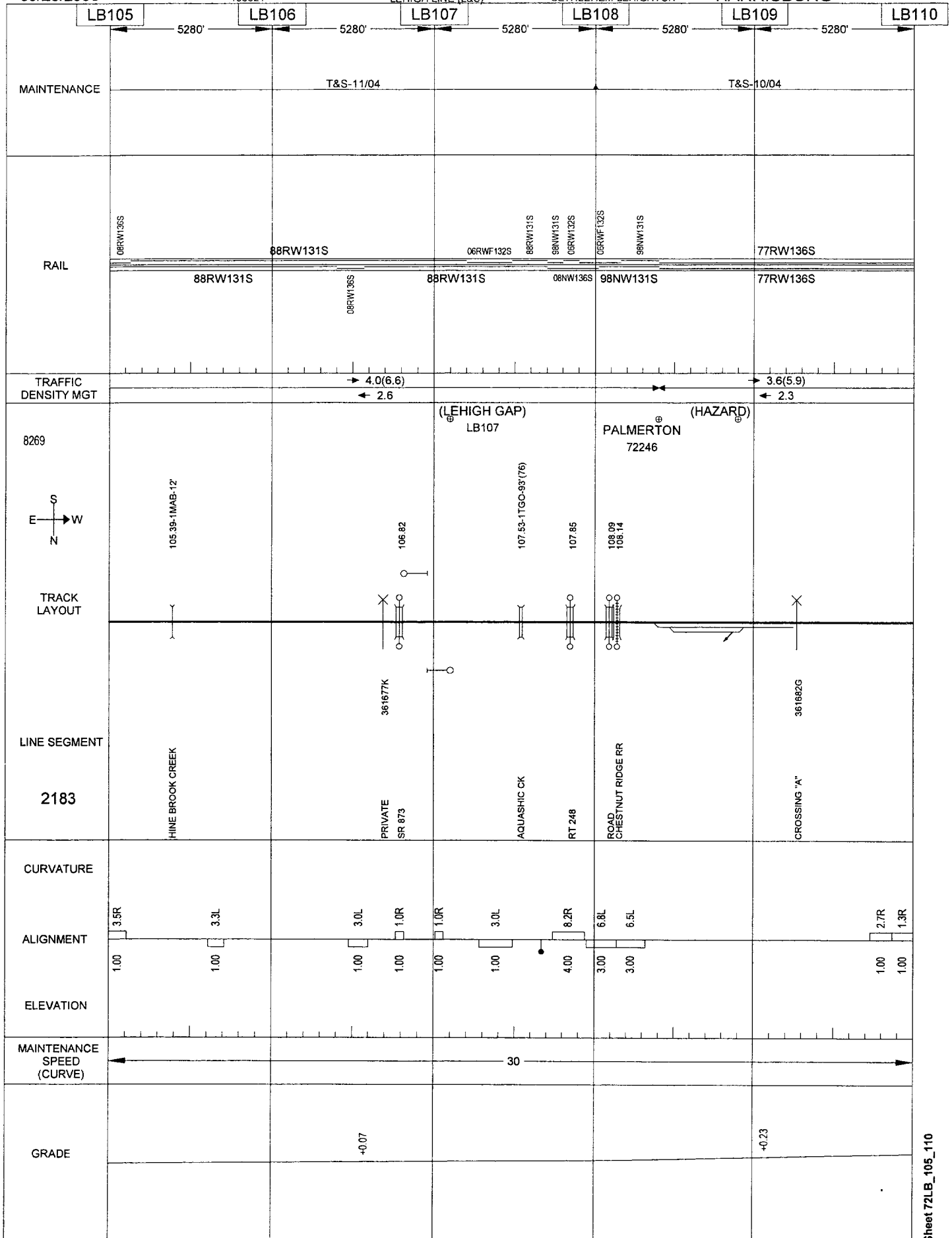
09/29/2009

088

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LB_105_110

09/29/2009

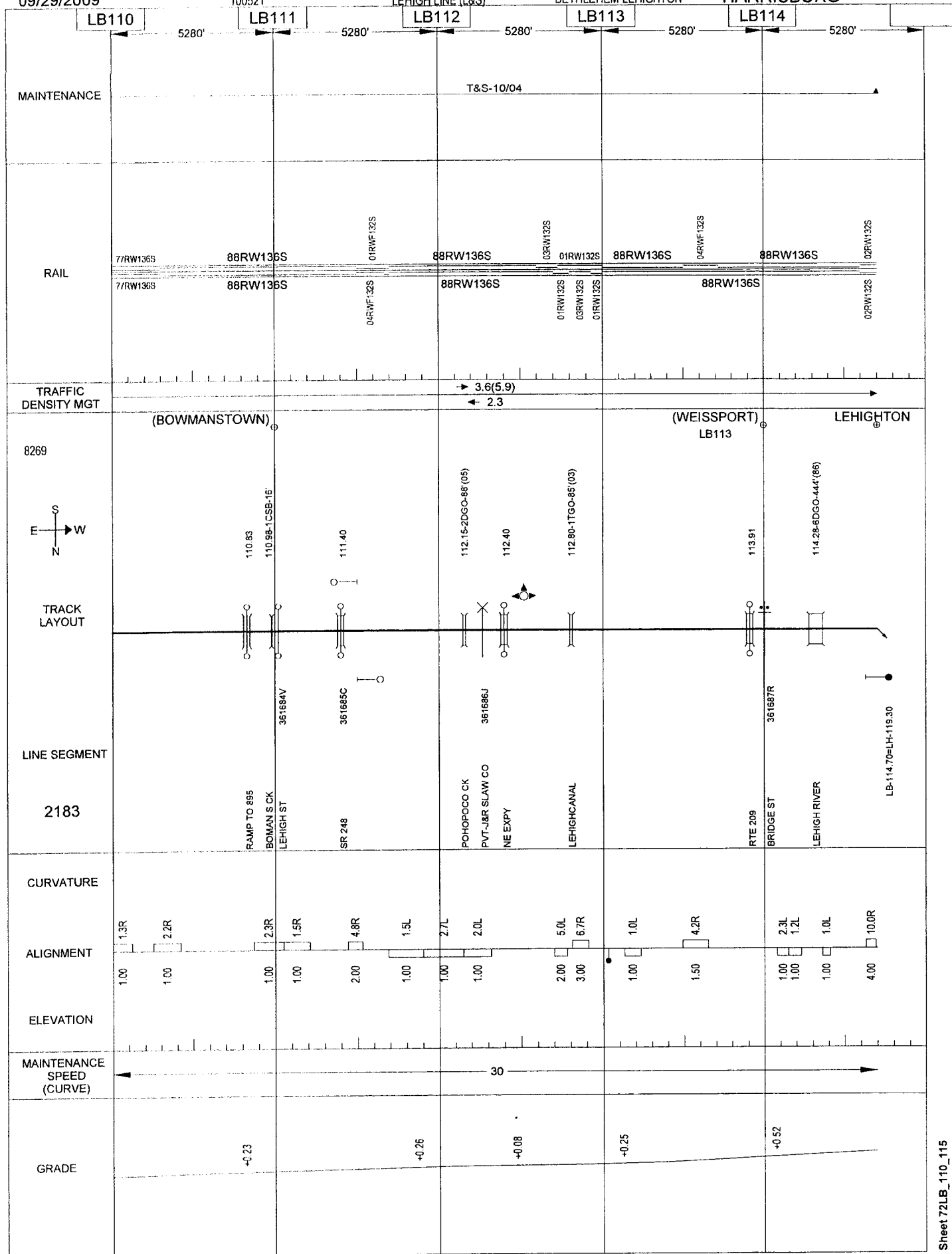
100521

089

LEHIGH LINE (L&S)

BETHLEHEM-LEHIGHTON

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

100501

090
LEHIGH LINE

LEHIGHTON-M&H JCT

HARRISBURG

LH120

5280'

T&S-06/85

T&S-10/04

88RW136S

88RW136S

56RJ136S

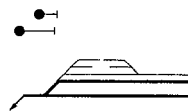
56RJ136S

→ 1.3(1.0#2)

← 0.7(1.0#1)

LEHIGHTON

8207

TRACK
LAYOUT#2
#1

LINE SEGMENT

2543

LH-119.30=LB-114.70

CURVATURE

#2

ALIGNMENT

ELEVATION

#1

MAINTENANCE
SPEED
(CURVE)

20

20

20

20

GRADE

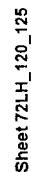
0.00

+0.36

General Reference Only - Not for Operational Purposes

Sheet 72LH_115_120

LH125



General Reference Only - Not for Operational Purposes

09/29/2009

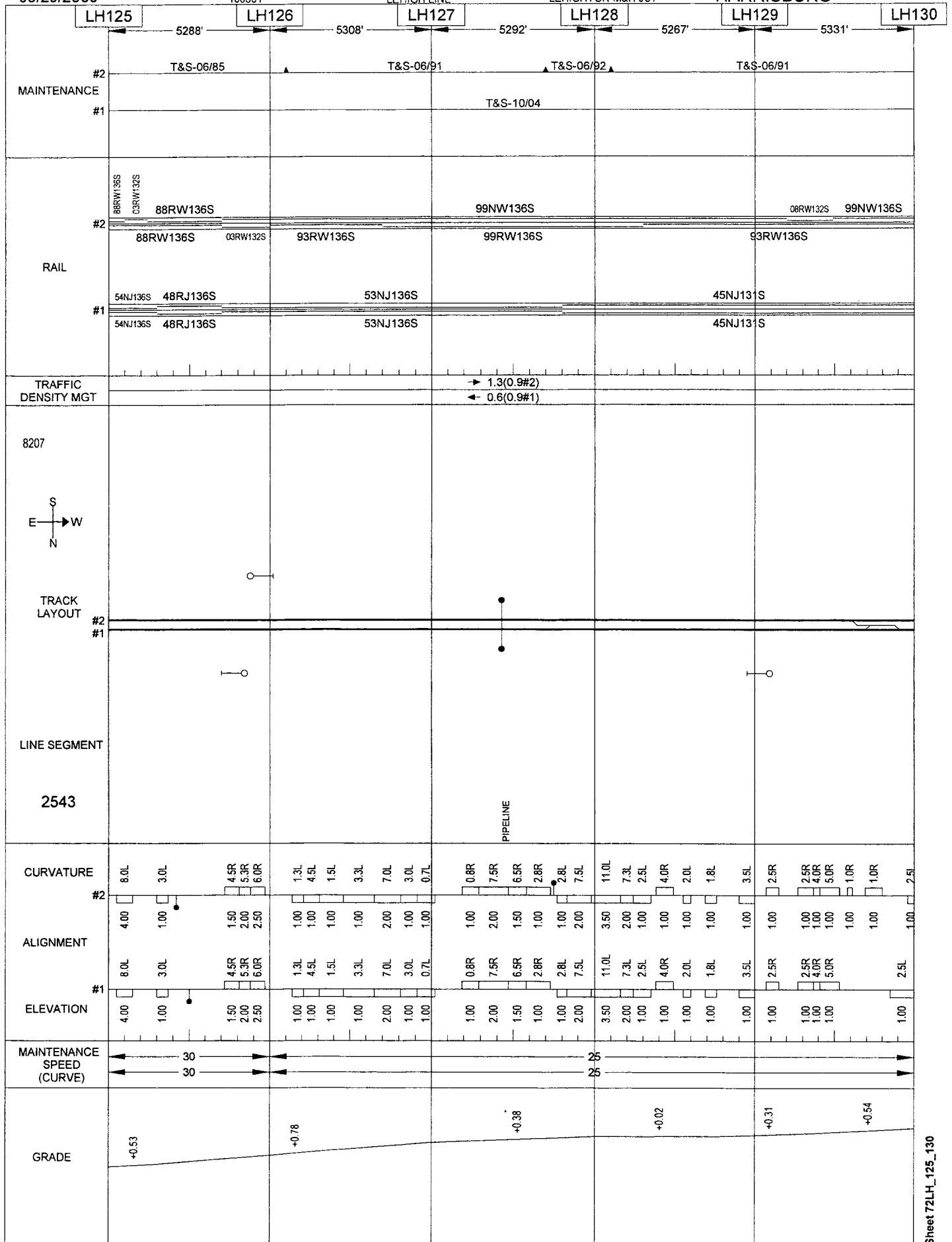
100501

092

LEHIGH LINE

LEHIGHTON-M&H JCT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LH_125_130

09/29/2009

100501

093

LEHIGH LINE

LEHIGHTON-M&H JCT

HARRISBURG

LH130

5162'

#2 T&S-06/91 ▲
 MAINTENANCE
 #1 T&S-10/04 ▲

RAIL

#2 99NW136S
 93RW136S
 45NJ131S
 #1 45NJ131S
 93RW136S
 93RW136S
 93RW136S

TRAFFIC DENSITY MGT
 1.3(0.9#2)
 0.6(0.9#1)

M&H JCT

8207

S
 E → W
 N

TRACK LAYOUT

#2
#1

LH-130.55=Q+0.0

LINE SEGMENT

2543

TO RBMN

CURVATURE

#2 2.5L
 3.2L
 1.8L
 4.0L
 1.00
 1.00
 1.00
 1.00

ALIGNMENT

#1 2.5L
 3.2L
 1.8L
 4.0L
 1.00
 1.00
 1.00

ELEVATION

MAINTENANCE
 SPEED
 (CURVE)

25
 25

GRADE

0.00

General Reference Only - Not for Operational Purposes

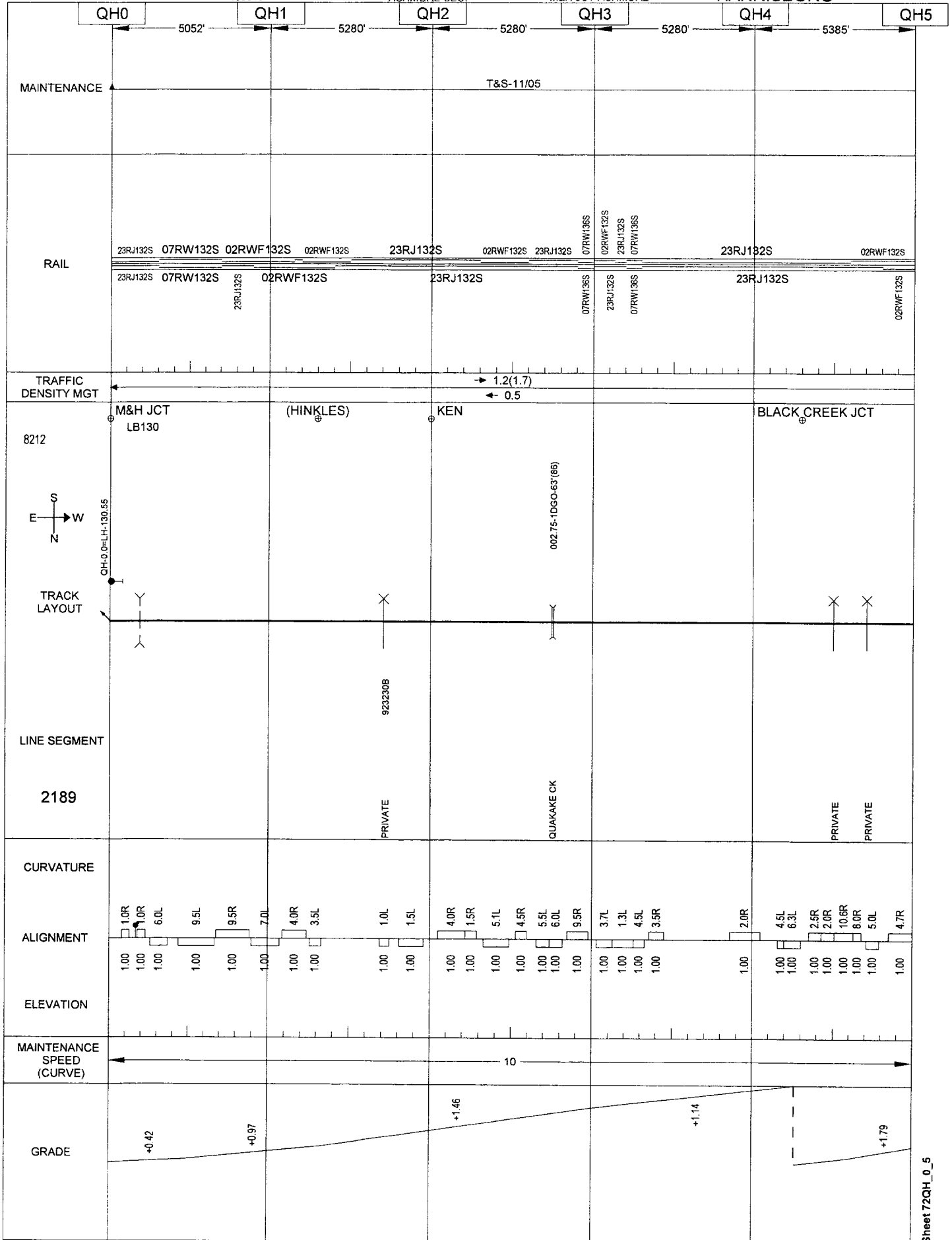
09/29/2009

094

ASHMORE SEC

M&H JCT-ASHMORE

HARRISBURG



Sheet 72QH_0_5

General Reference Only - Not for Operational Purposes

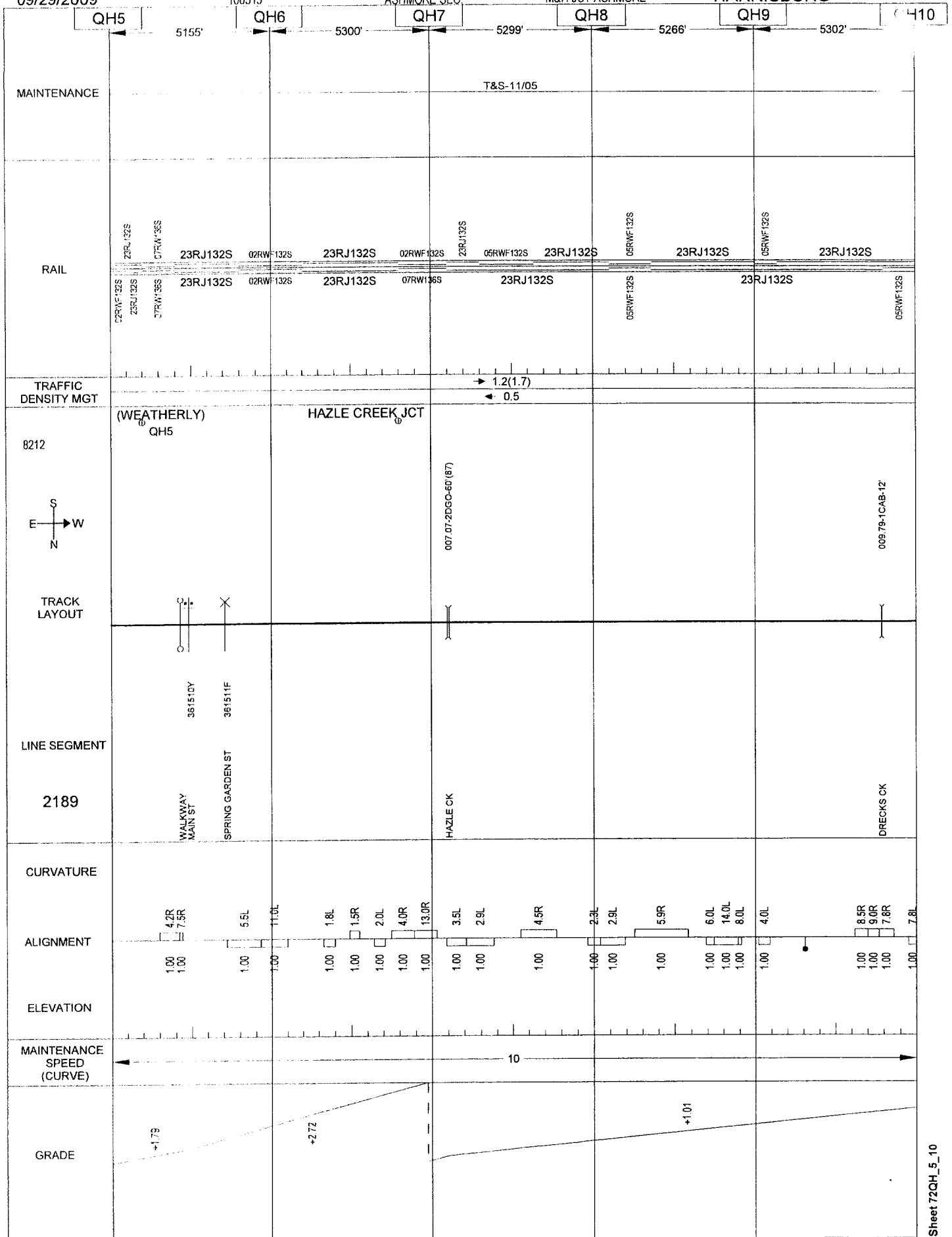
09/29/2009

095

ASHMORE SEC

M&H JCT-ASHMORE

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

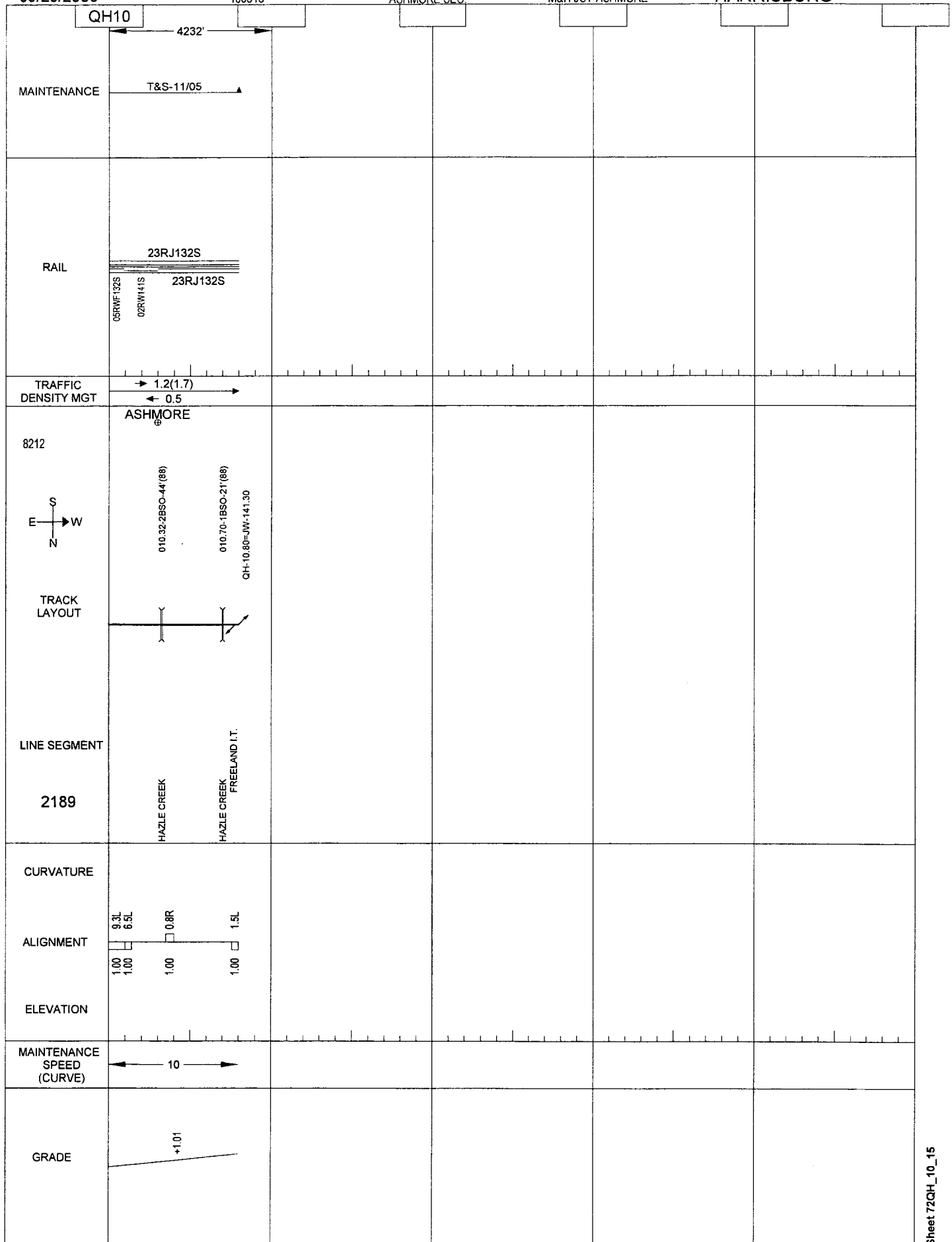
100515

096

ASHMORE SEC

M&H JCT-ASHMORE

HARRISBURG



General Reference Only - Not for Operational Purposes

JW142

JW143

JW144

JW145

MAINTENANCE

RAIL

TRAFFIC DENSITY MGT

8212

TRACK LAYOUT

LINE SEGMENT

2186

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

(ASHMORE JCT)
④
JW142

(HAZLETON YD)
72271

NW-141.30=QH-10.80

STOCKTON-HAZLETON 361508X

PRIVATE 361512M

HAZLETON YARD

1.00 1.0L

1.00 1.0L

1.30

Year	Number of people (millions)
1980	0.25
1990	0.40
2000	0.60
2020	0.85

7

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10.1

[illegible]

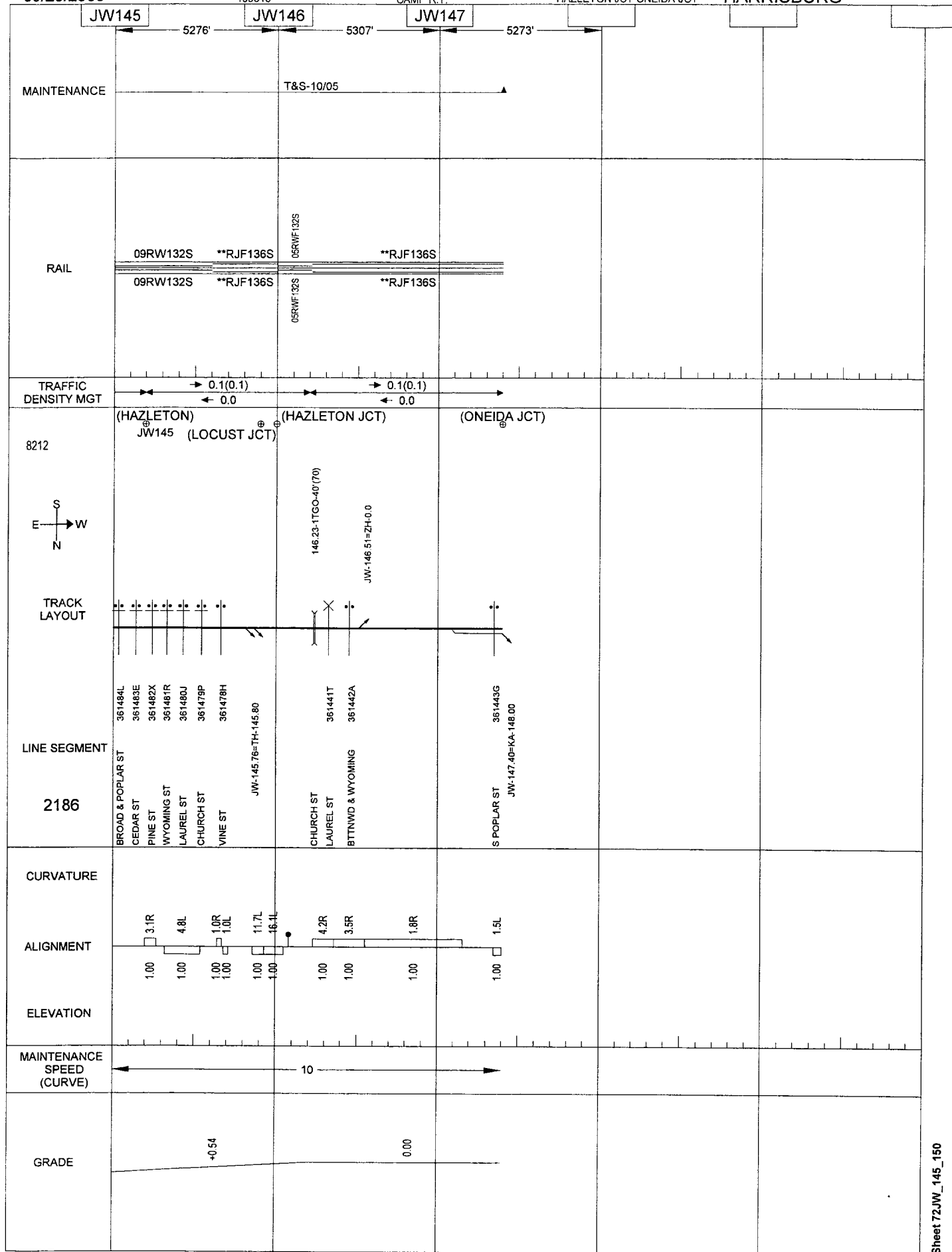
- 10

 $+0.21$

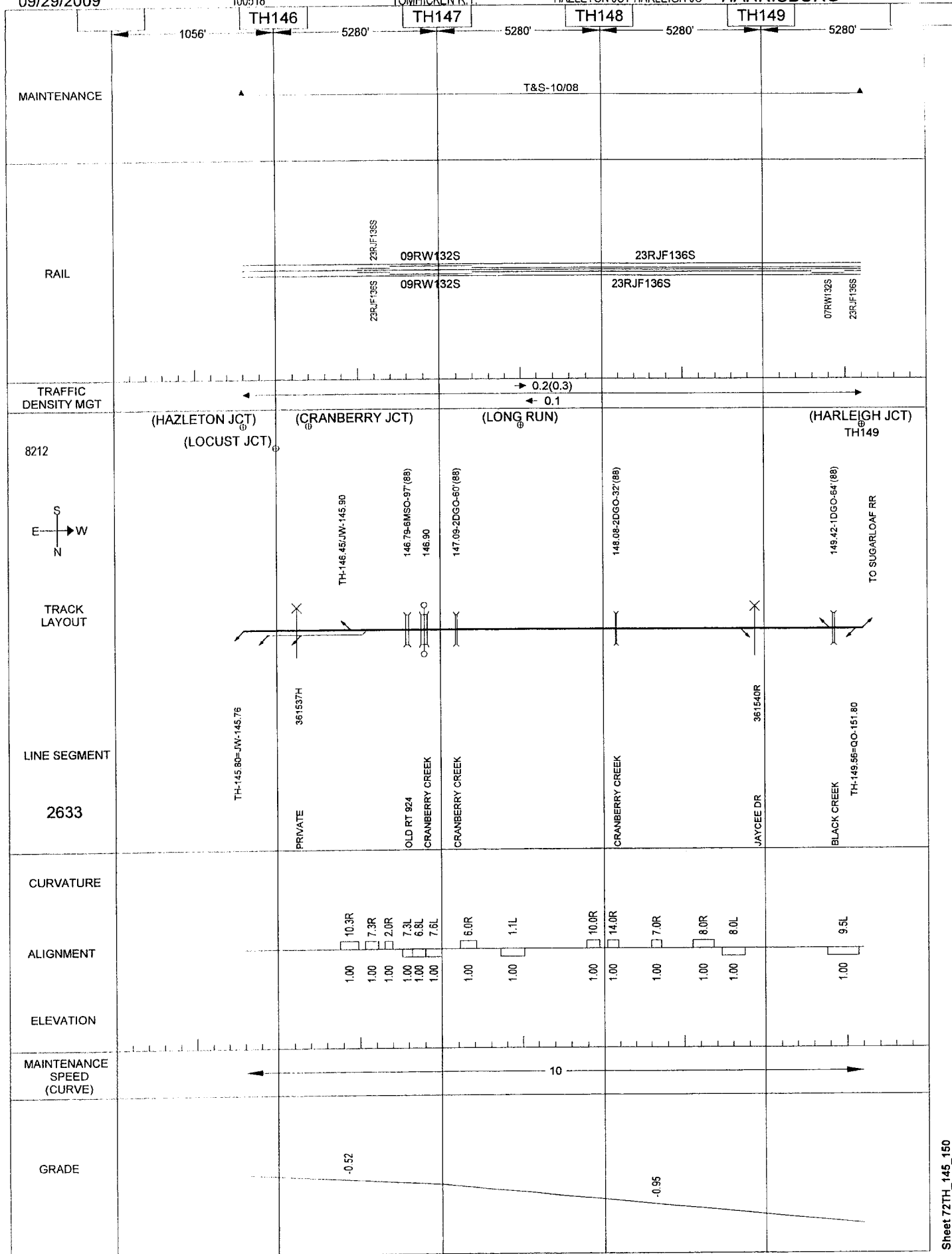
+0.30

+0.54

General Reference Only - Not for Operational Purposes



General Reference Only - Not for Operational Purposes



General Reference Only - Not for Operational Purposes

09/29/2009

100514

100
SHEPPTON I.T.

ONEIDA JCT-HARWOOD JCT

HARRISBURG

KA148

KA149

KA150

5280'

5280'

MAINTENANCE

T&S-06/90

RAIL

07RW132S
07RW132S

**RJ100S

07RW132S

**RJ100S

**RJ100S

07RW132S

**RJ100S

TRAFFIC
DENSITY MGT

→ 0.0(0.0)

← 0.0

8210

S
E → W
NTRACK
LAYOUT

(ONEIDA JCT)

(HAZLETON)

(HARWOOD JCT)

KA150

149.00

LINE SEGMENT

2534

KA-148.00-LW-147.40

361472S

SR 809

I-81

PRIVATE

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

+1.08

-0.15

General Reference Only - Not for Operational Purposes

Sheet 72KA_145_150

09/29/2009

100517

101

EBERVILLE R.T.

HARLEIGH JCT

HARRISBURG

QO151

5280'

4224'

MAINTENANCE

T&S-12/08

RAIL

22NJ110S

07RW132S

22NJ110S

07RW132S

TRAFFIC
DENSITY MGT

(HARLEIGH JCT)

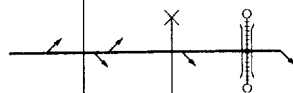
8212

(OAKBURR JCT)

S
E → W
N

151.67

TRACK
LAYOUT



LINE SEGMENT

JAYCEE DRIVE

361550W

QO-151.40=WU-0.25

WEST HAZLETON BRAN

QO-151.80=TH-149.56

2603

CURVATURE

ALIGNMENT



ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

0.00

General Reference Only - Not for Operational Purposes

Sheet 7200_150_155

09/29/2009

101121

102

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG

MV5

5280'

MAINTENANCE

RAIL

65NW136S
65NW136STRAFFIC
DENSITY MGT→ 2.3(4.8)
← 2.5

CP MA

S
E → W
NTRACK
LAYOUT

TO SHARED ASSETS

005.20

LINE SEGMENT

2318

923251U

OXFORD VLY RD
DUNLAP RD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

50

GRADE

-0.18

Sheet 72MV_0_5

General Reference Only - Not for Operational Purposes

09/29/2009

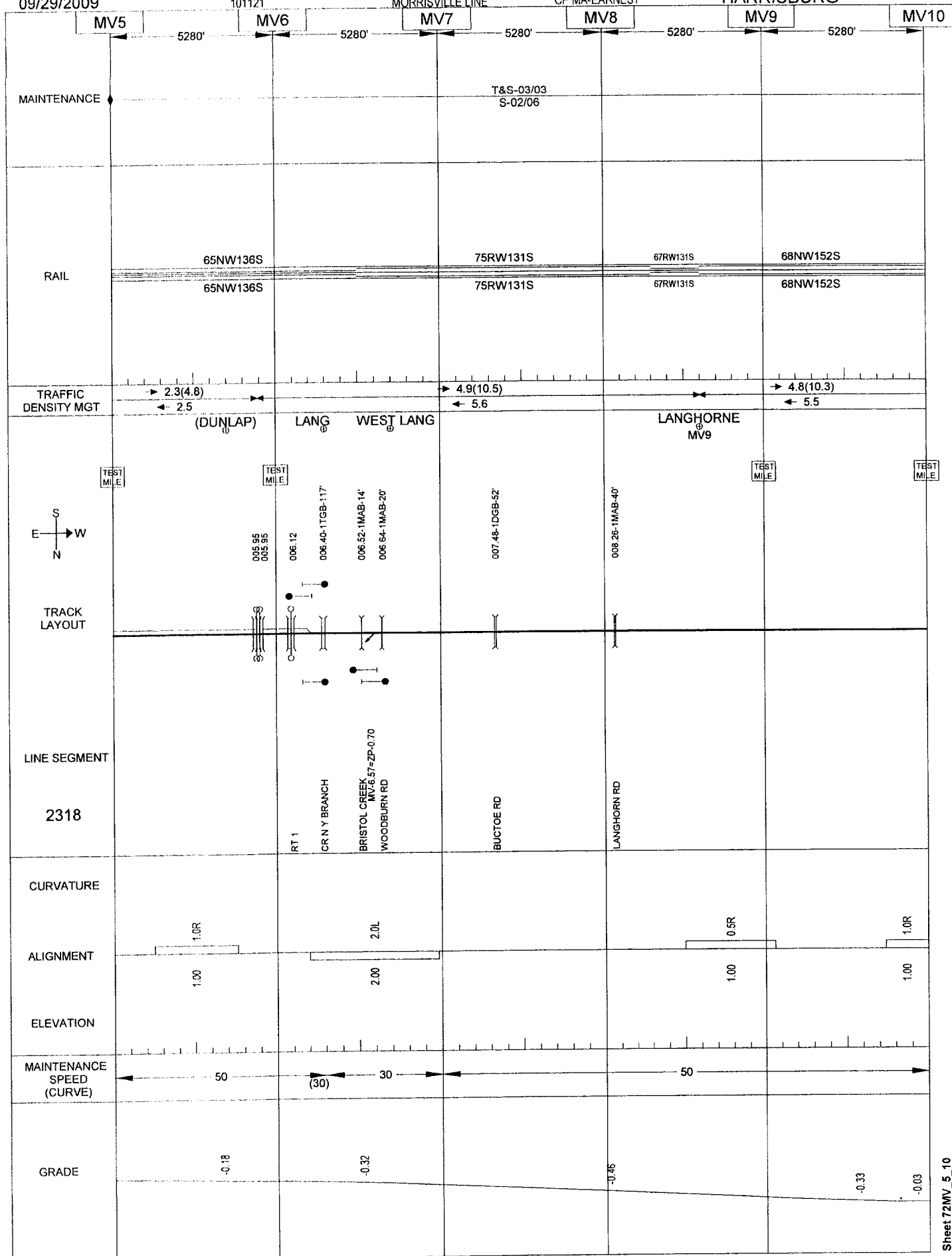
101121

103

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72MV_5_10

09/29/2009

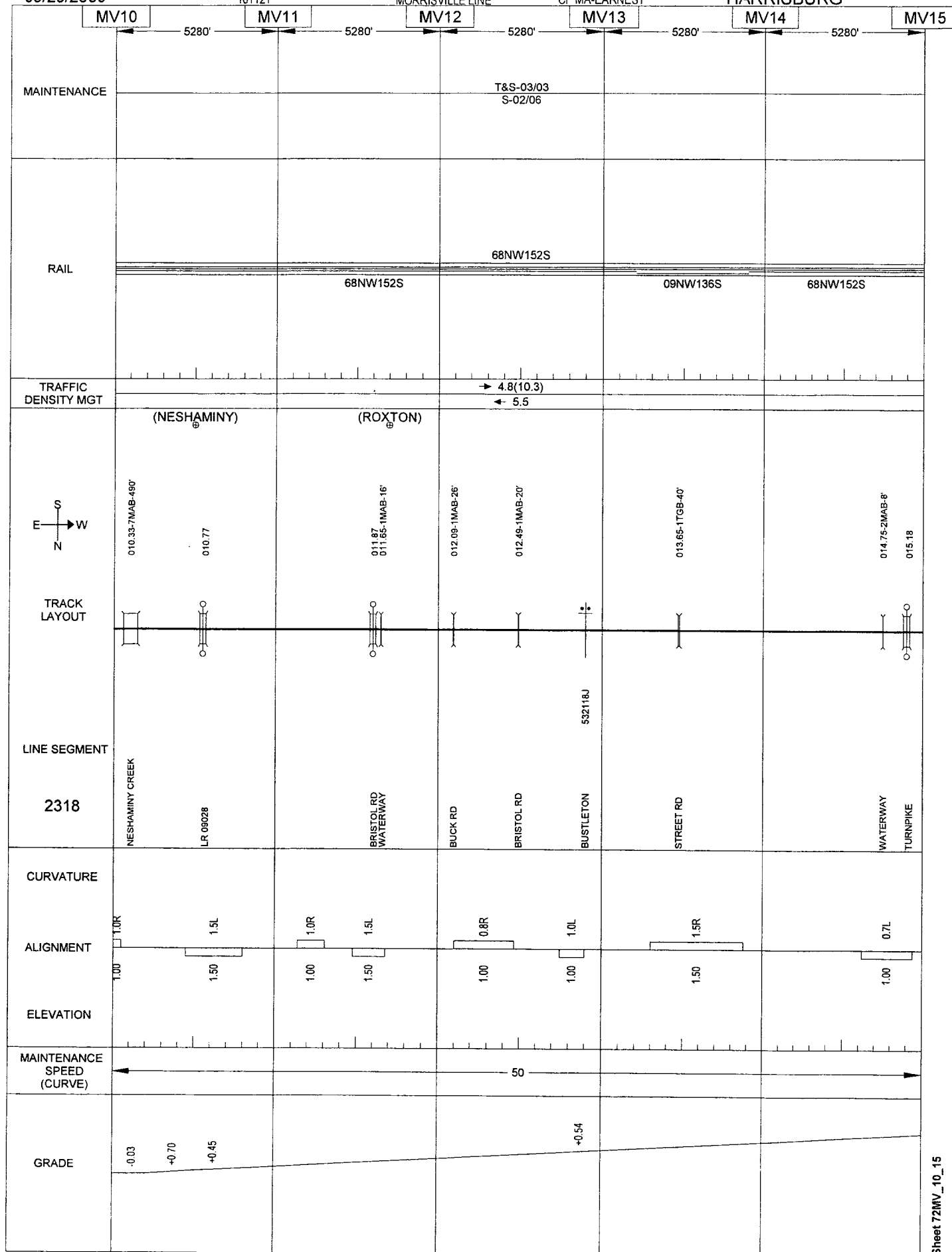
101121

104

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72MV_10_15

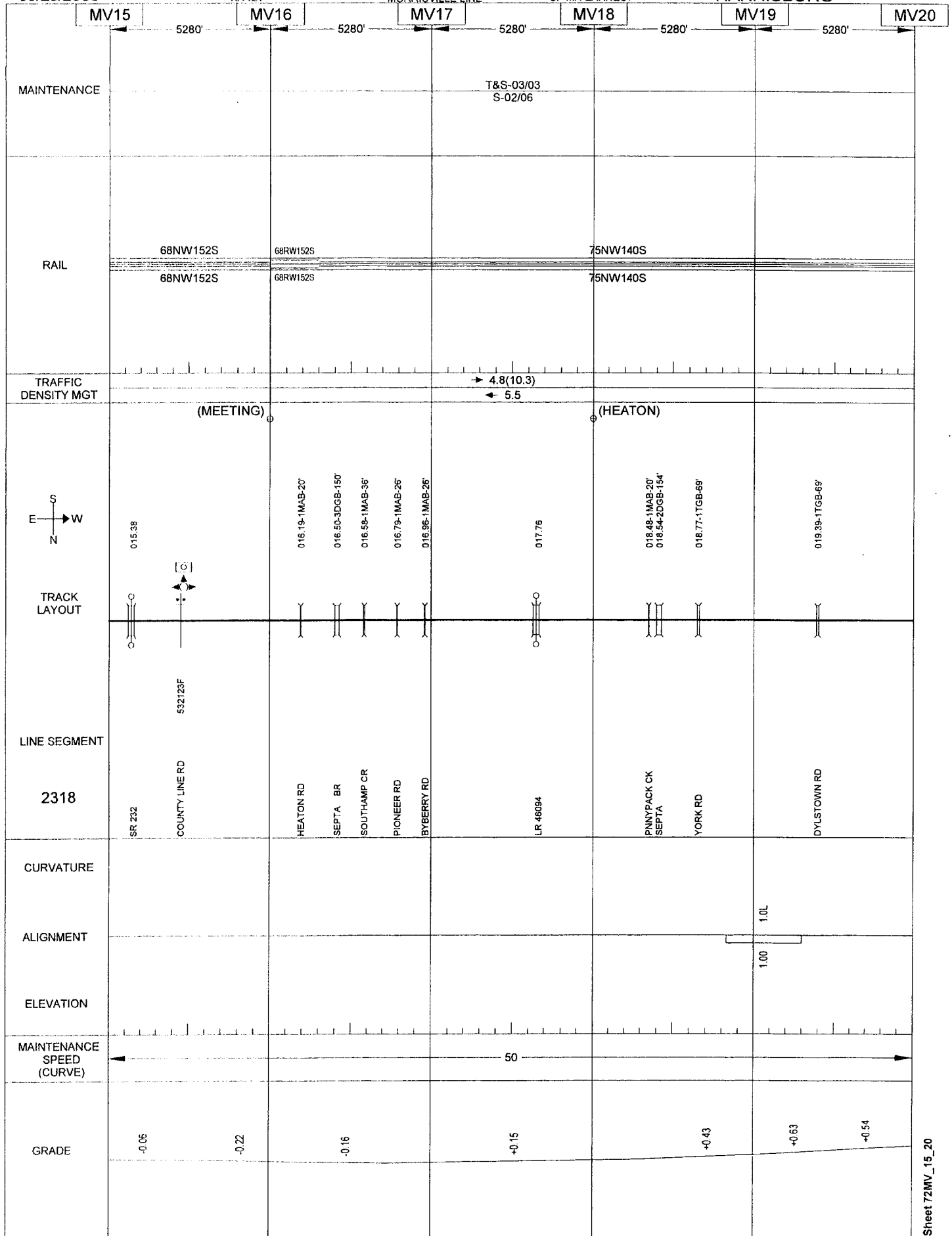
09/29/2009

101121

105
MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

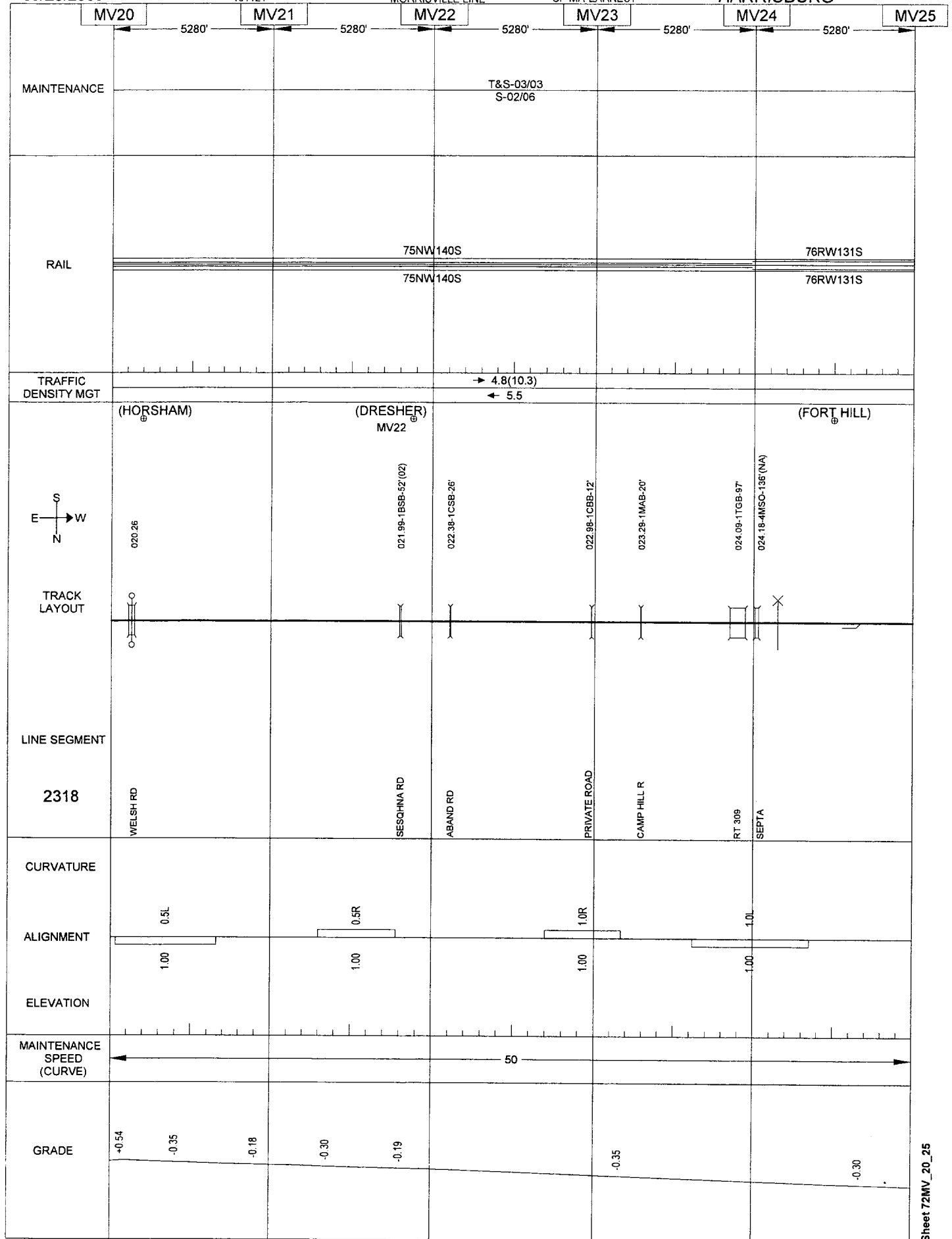
101121

106

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72MV_20_25

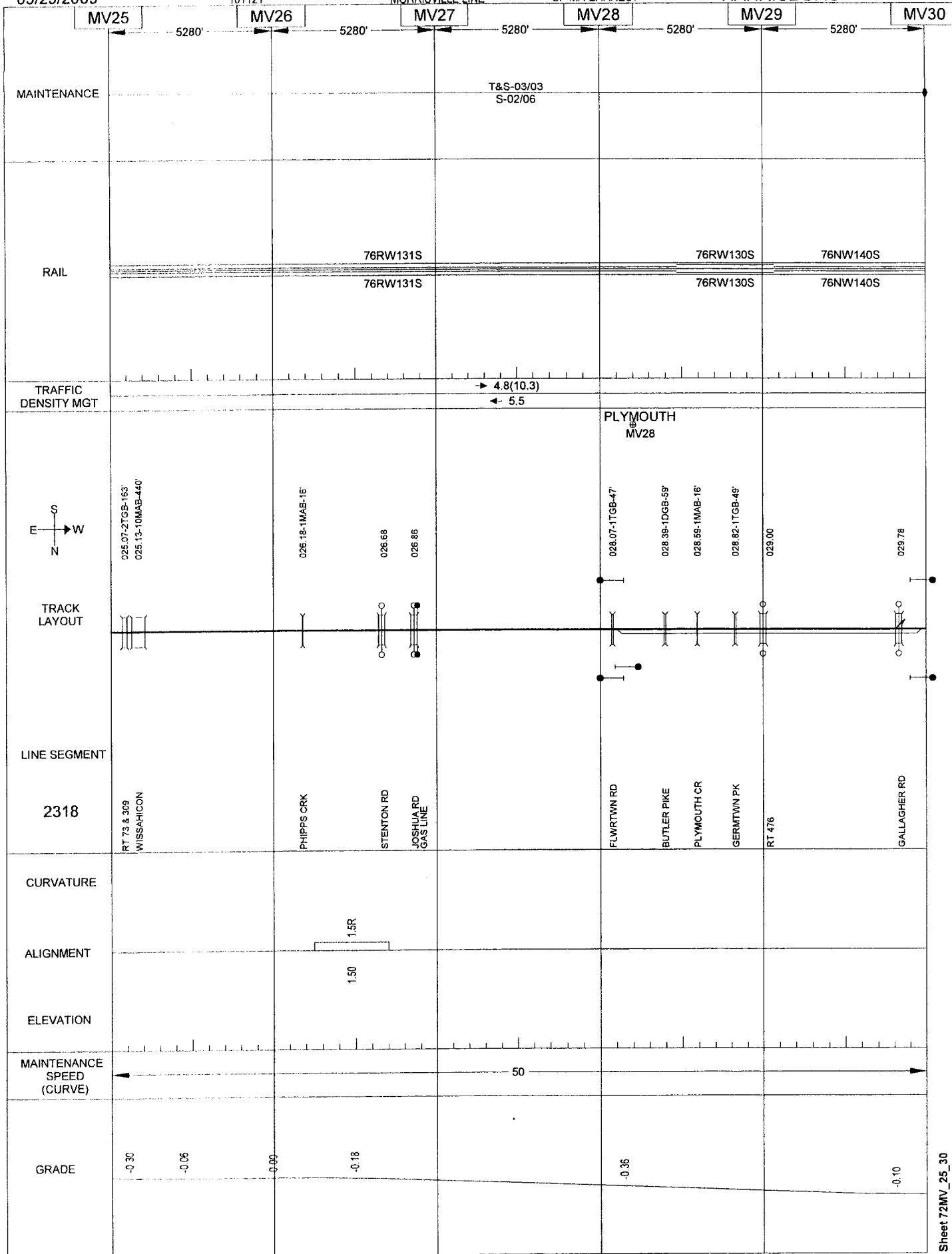
09/29/2009

101121

107
MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72MV_25_30

09/29/2009

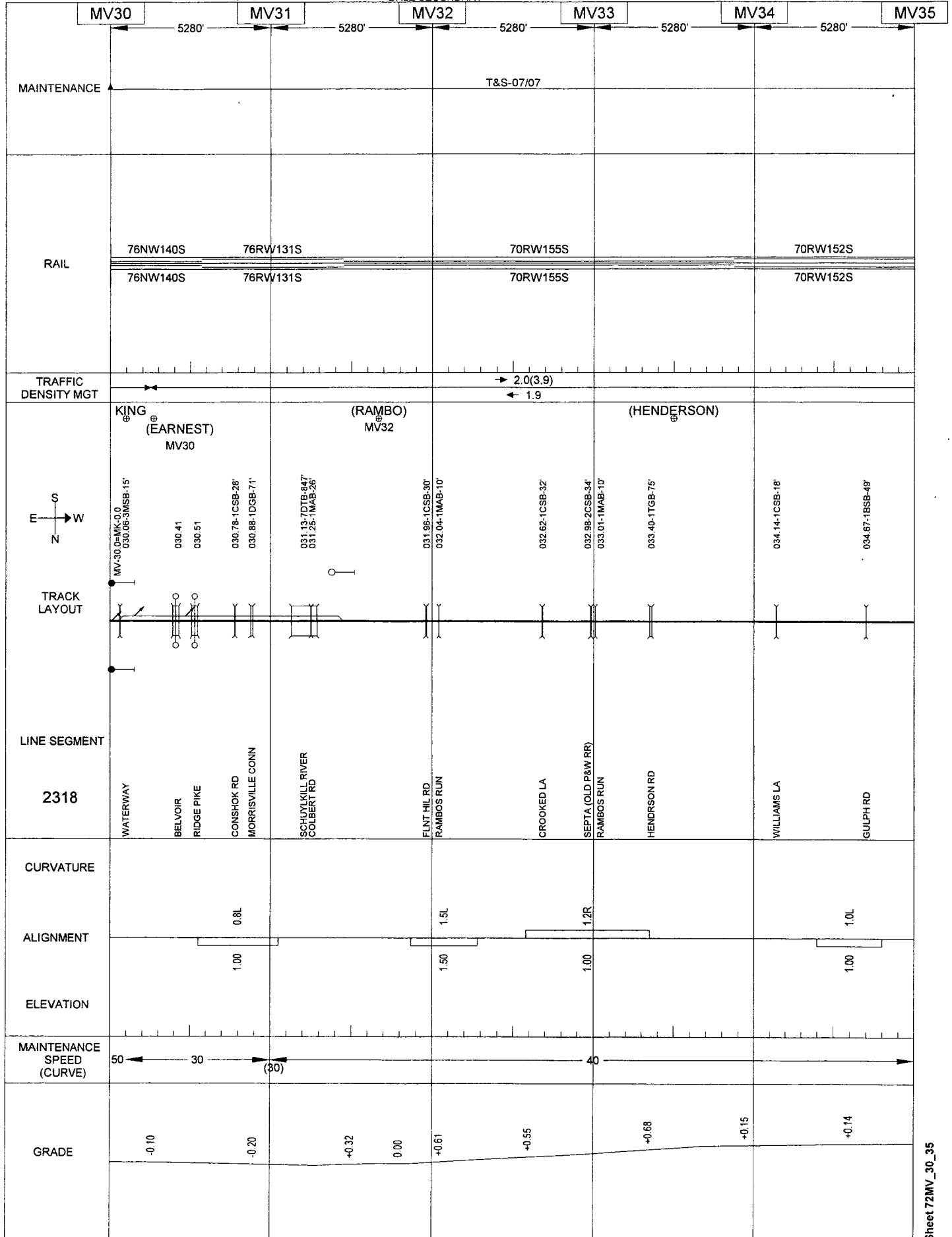
101121

108

DALE SECONDARY

EARNEST-GLEN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72MV_30_35

09/29/2009

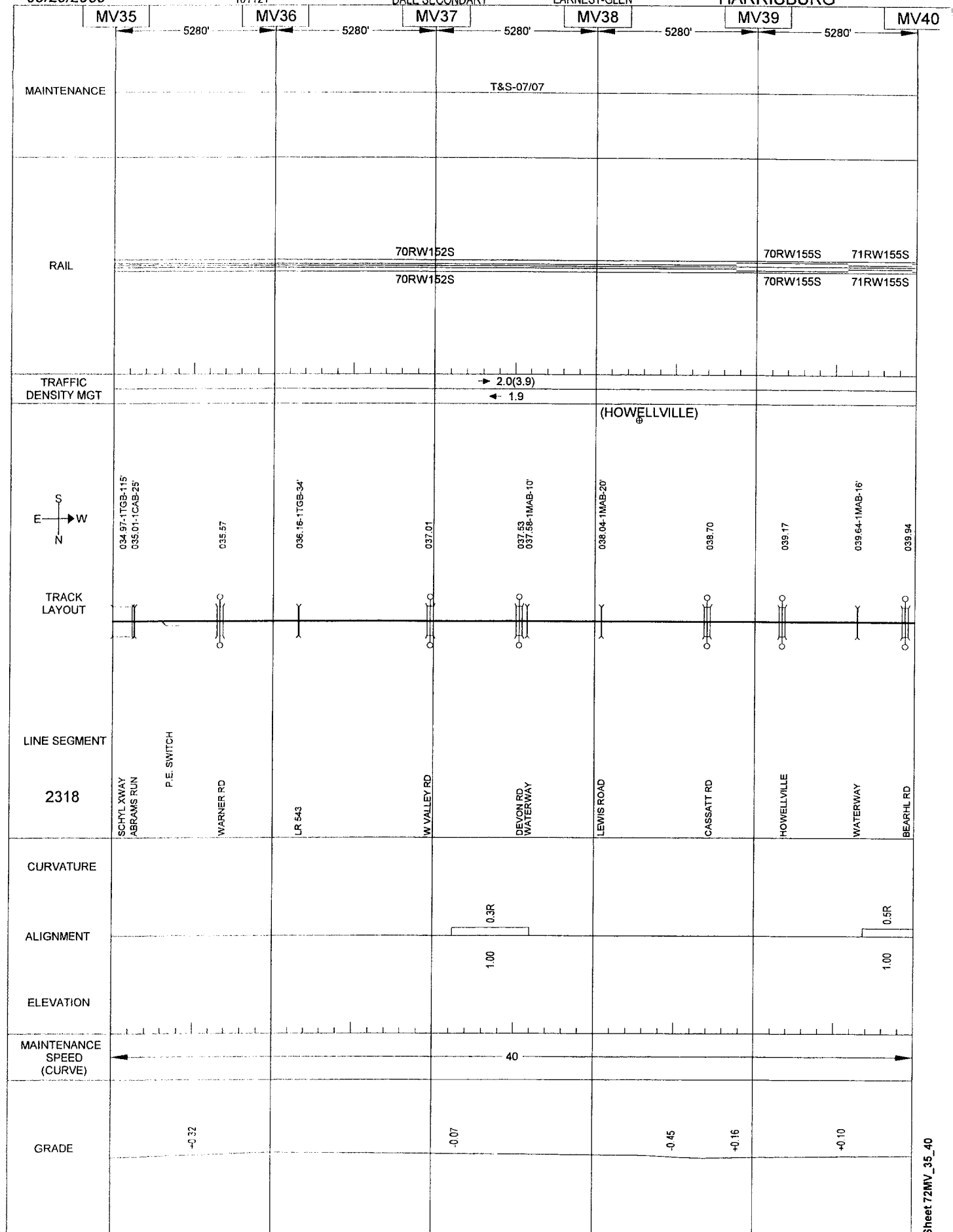
101121

109

DALE SECONDARY

EARNEST-GLEN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72MV_35_40

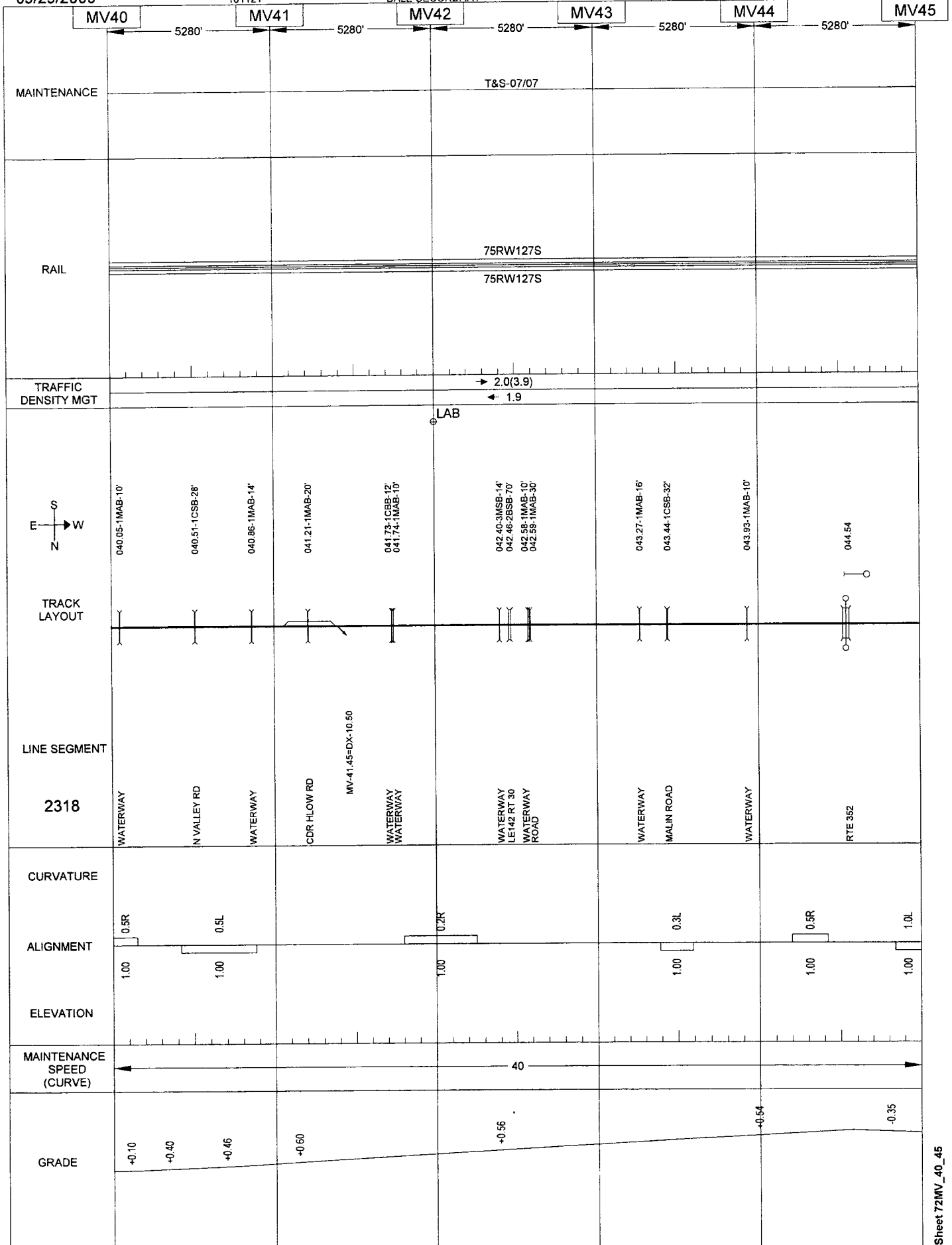
09/29/2009

101121

110
DALE SECONDARY

EARNEST-GLEN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

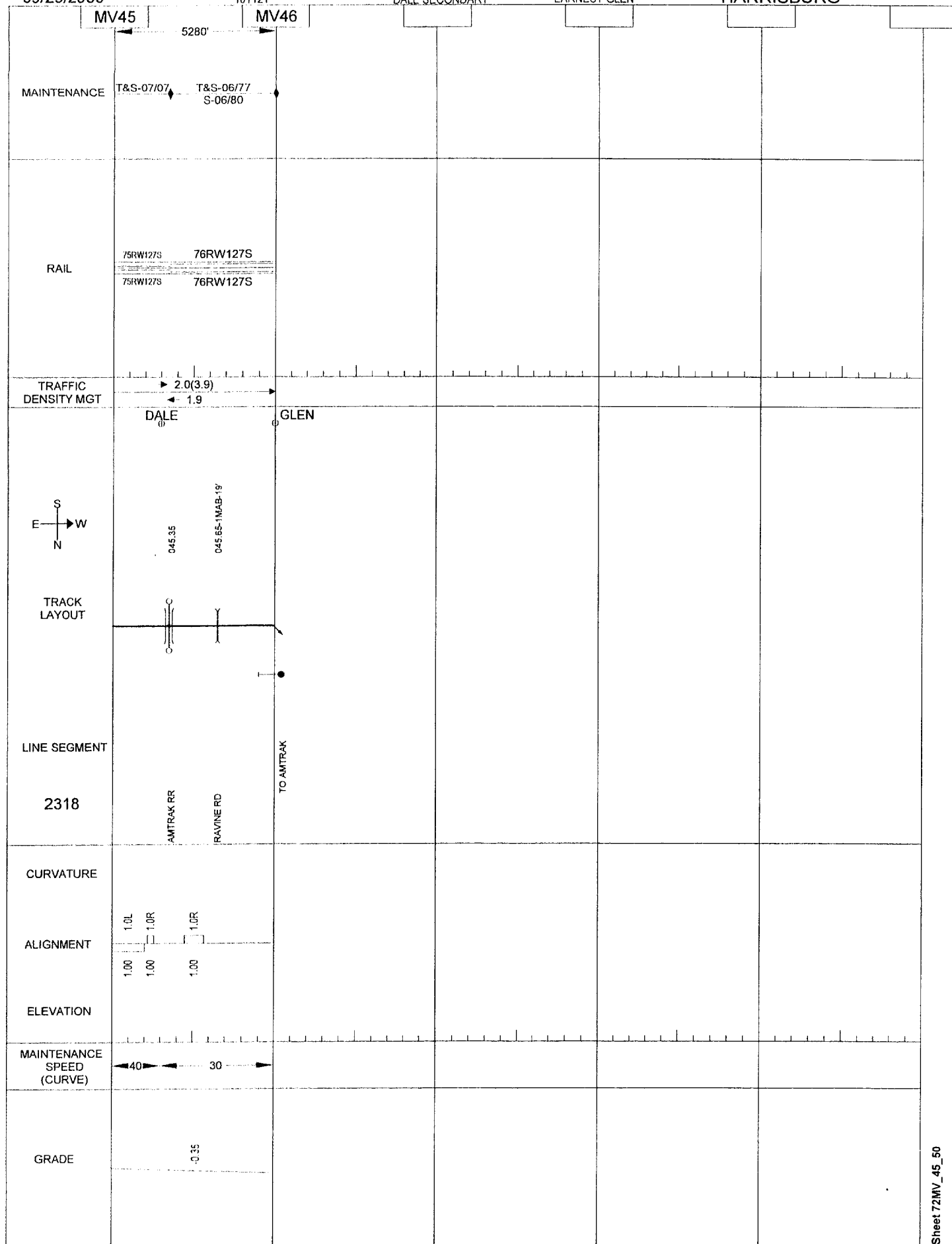
101121

111

DALE SECONDARY

EARNEST-GLEN

HARRISBURG



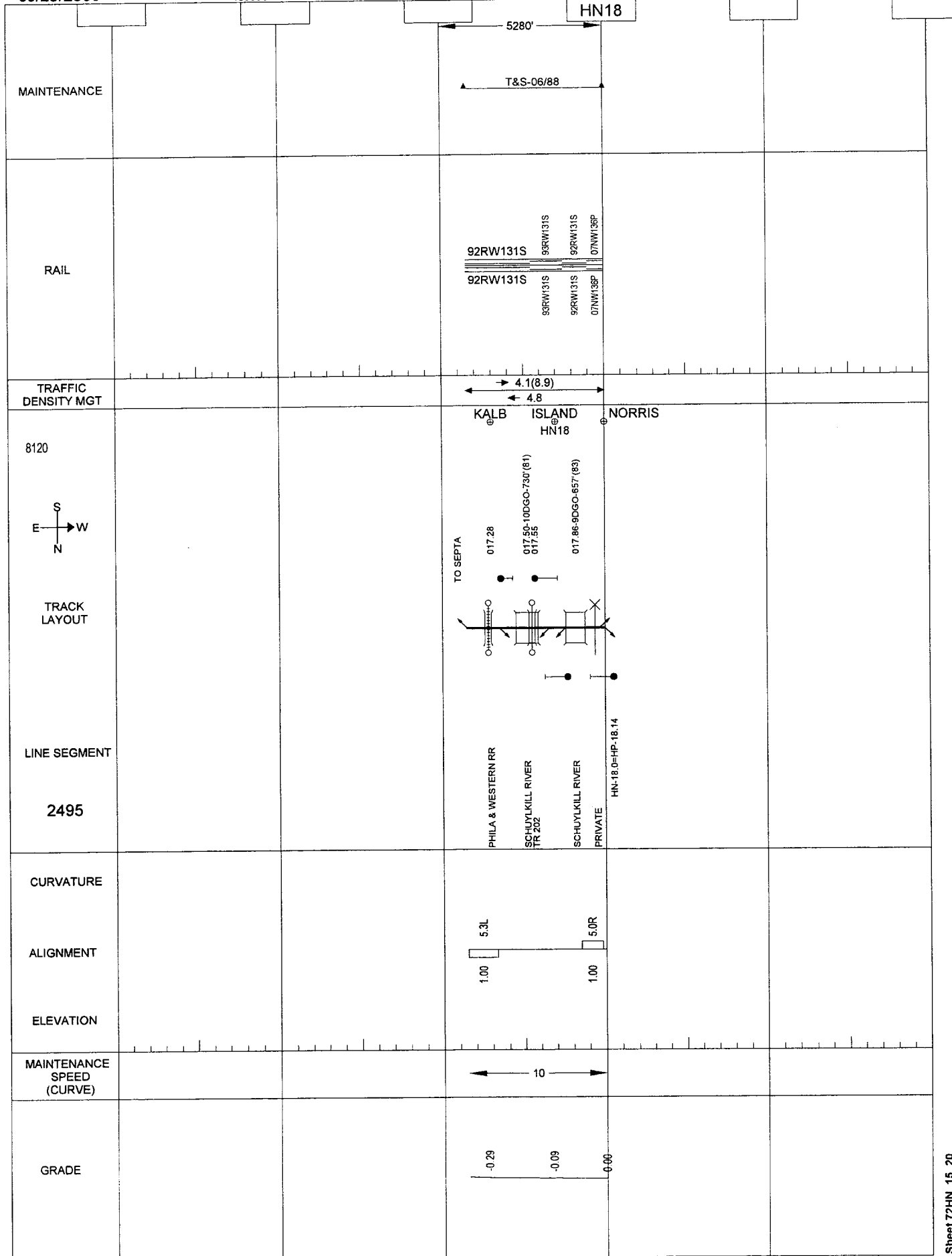
General Reference Only - Not for Operational Purposes

09/29/2009

100330

112
NORRISTOWN & M.L. CONN. KALB-CP NORRIS

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

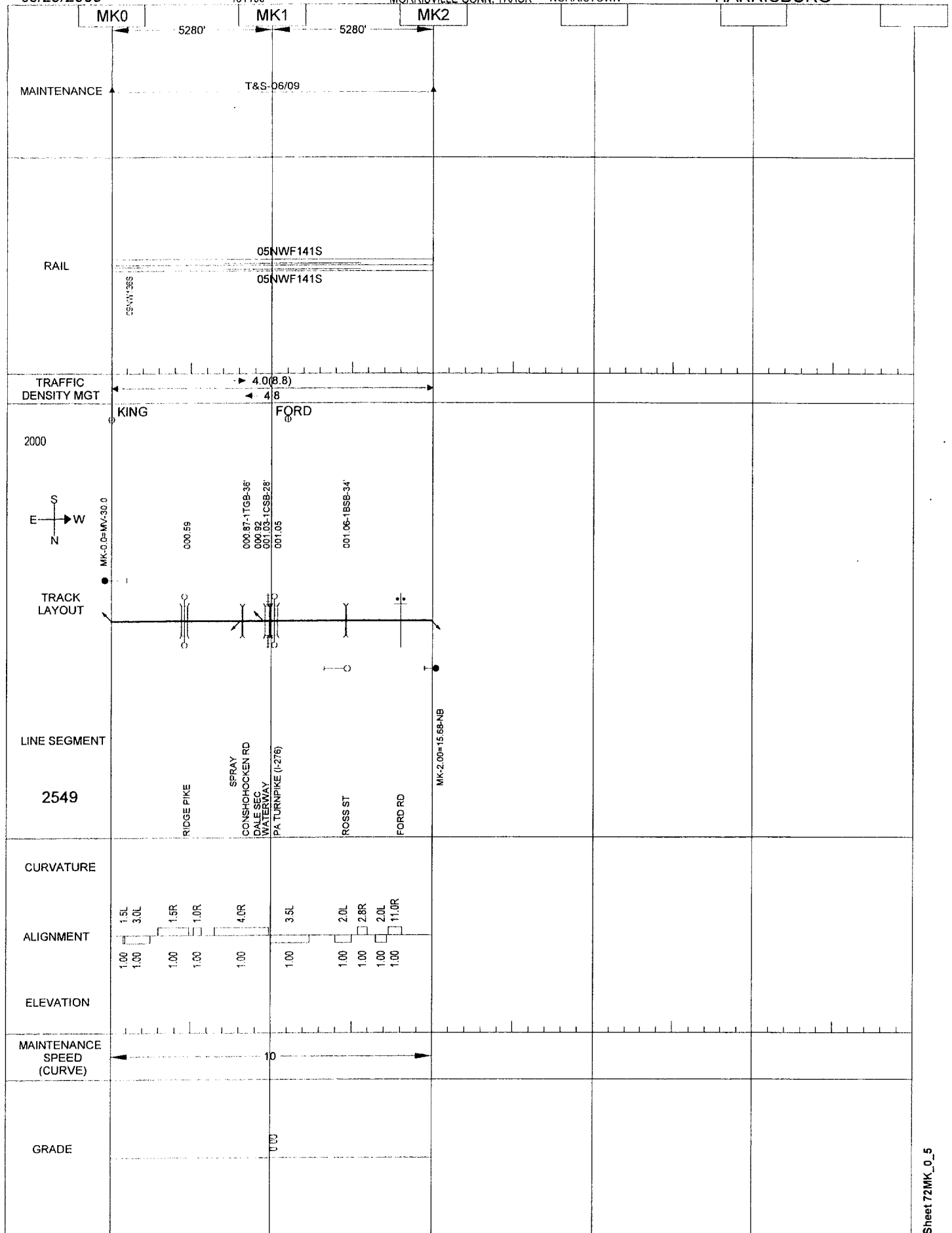
101190

113

MORRISVILLE CONN. TRACK

NORRISTOWN

HARRISBURG



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09/29/2009

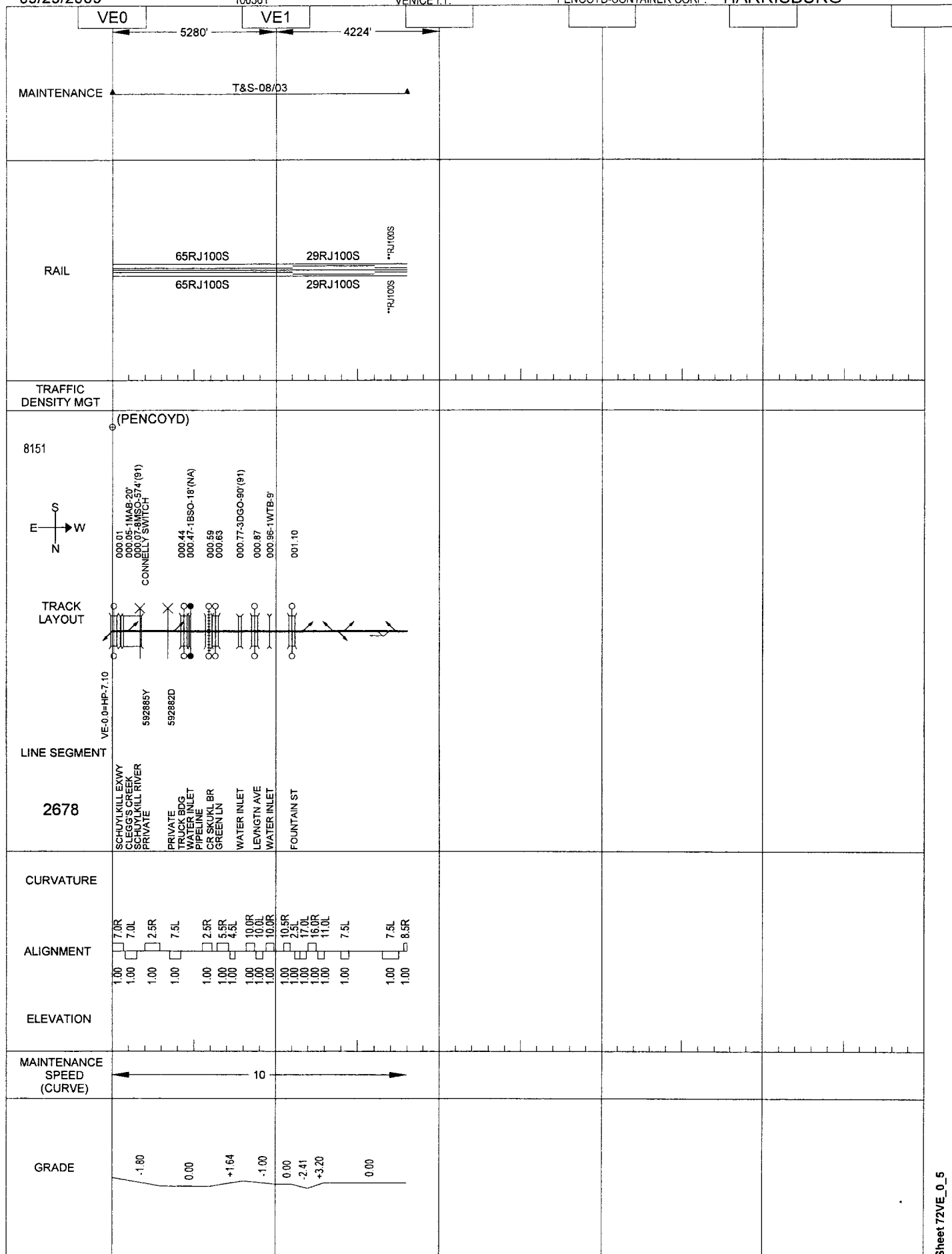
100361

114

VENICE I.T.

PENCOYD-CONTAINER CORP.

HARRISBURG



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09/29/2009

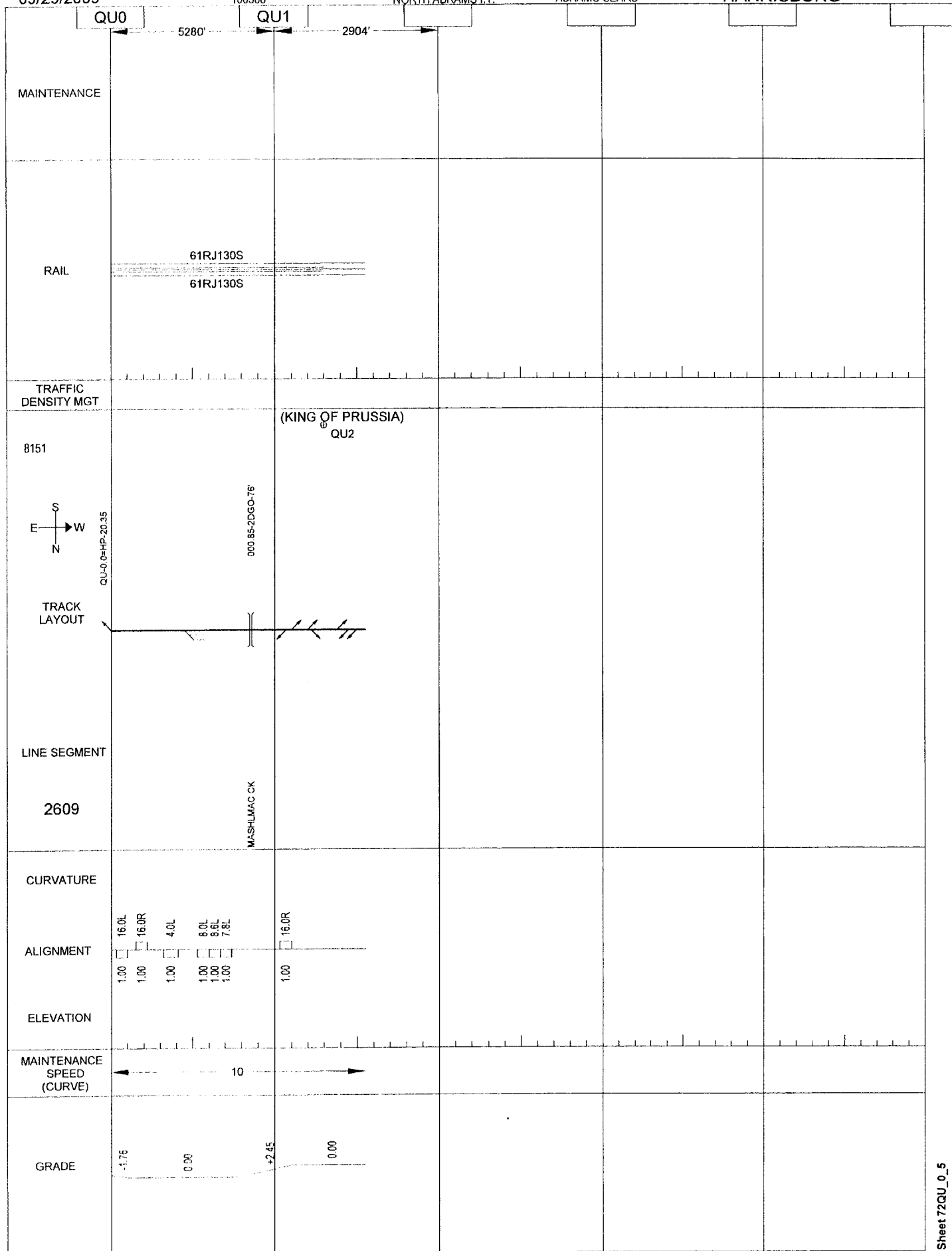
100388

115

NORTH ABRAMS I.T.

ABRAMS-SEARS

HARRISBURG



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Sheet 72QU_0_5

09/29/2009

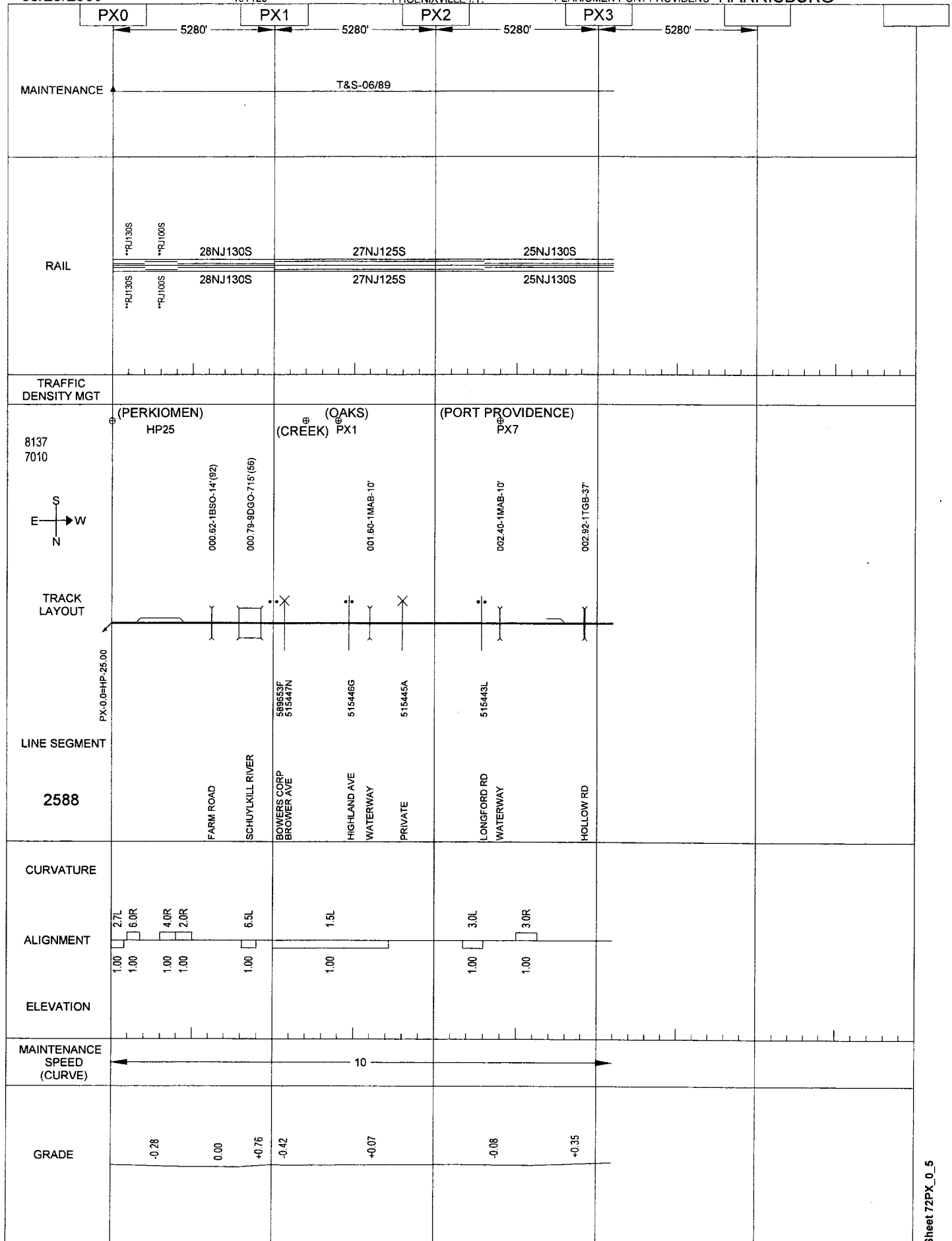
101129

116

PHOENIXVILLE I.T.

PERKIOMEN-PORT PROVIDENC

HARRISBURG



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09/29/2009

101129

117
POTTSTOWN LT

FRICKS LOCK-POTTSTOWN

HARRISBURG

EF38

EF39

EF40

5280'

5280'

5308'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7010



TRACK
LAYOUT

LINE SEGMENT

2462

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

(LOCK)
EF38

038.12
038.21

531767E

039.06-1MAB-15'

039.50-1MAB-15'

039.61-1CSB-28'

BYPASS
FIRESTONE CO

MOSEY RD

WELLS RUN

KEIM ST

IRON CO
WATER ST
HUBLEY'S RUN

IND HWY

0.5L
1.00

3.0R
1.00

1.0R
1.00

10

0.00

-0.40

0.00

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Sheet 72EF_35_40

09/29/2009

101129

118

POTTSTOWN I.T.

FRICKS LOCK-POTTSTOWN

HARRISBURG

EF40		5256'					
MAINTENANCE							
RAIL							
TRAFFIC DENSITY MGT							
7010	<p>(COLEBROOKDALE) (POTTSTOWN) EF40</p> <p>040.17-1MAB-12' 040.20-1MAB-12'</p> <p>040.49-6CSB-156' EF-40.60-HP-41.00</p> <p>TRACK LAYOUT</p>						
LINE SEGMENT	<p>2462</p> <p>HANOVER ST WATERWAY GABLES RACE PRIVATE MANTAWNY CR INDUSTRIAL HWY</p>						
CURVATURE							
ALIGNMENT							
ELEVATION							
MAINTENANCE SPEED (CURVE)							
GRADE							

Sheet 72EF_40_45

General Reference Only - Not for Operational Purposes

Sheet 72EF_40_45

09/29/2009

101129

119

READING I.T.

BIRDSBORO-GIBRALTER

HARRISBURG

EX50

4224'

T&S-06/97

MAINTENANCE

RAIL

**NJ100S 24NJ130S

**NJ100S 24NJ130S

TRAFFIC
DENSITY MGT

7010

S
E → W
NTRACK
LAYOUT

LINE SEGMENT

2471

(BIRDSBORO)

049.61-1MAB-24'
049.78-1CSB-24'

529751H

BIDLERS RUN
CLINGAN RD
CLINGAN RD

CURVATURE

ALIGNMENT

ELEVATION

0.2L
1.00MAINTENANCE
SPEED
(CURVE)

10

GRADE

+0.09

-0.02

General Reference Only - Not for Operational Purposes

Sheet 72EX_45_50

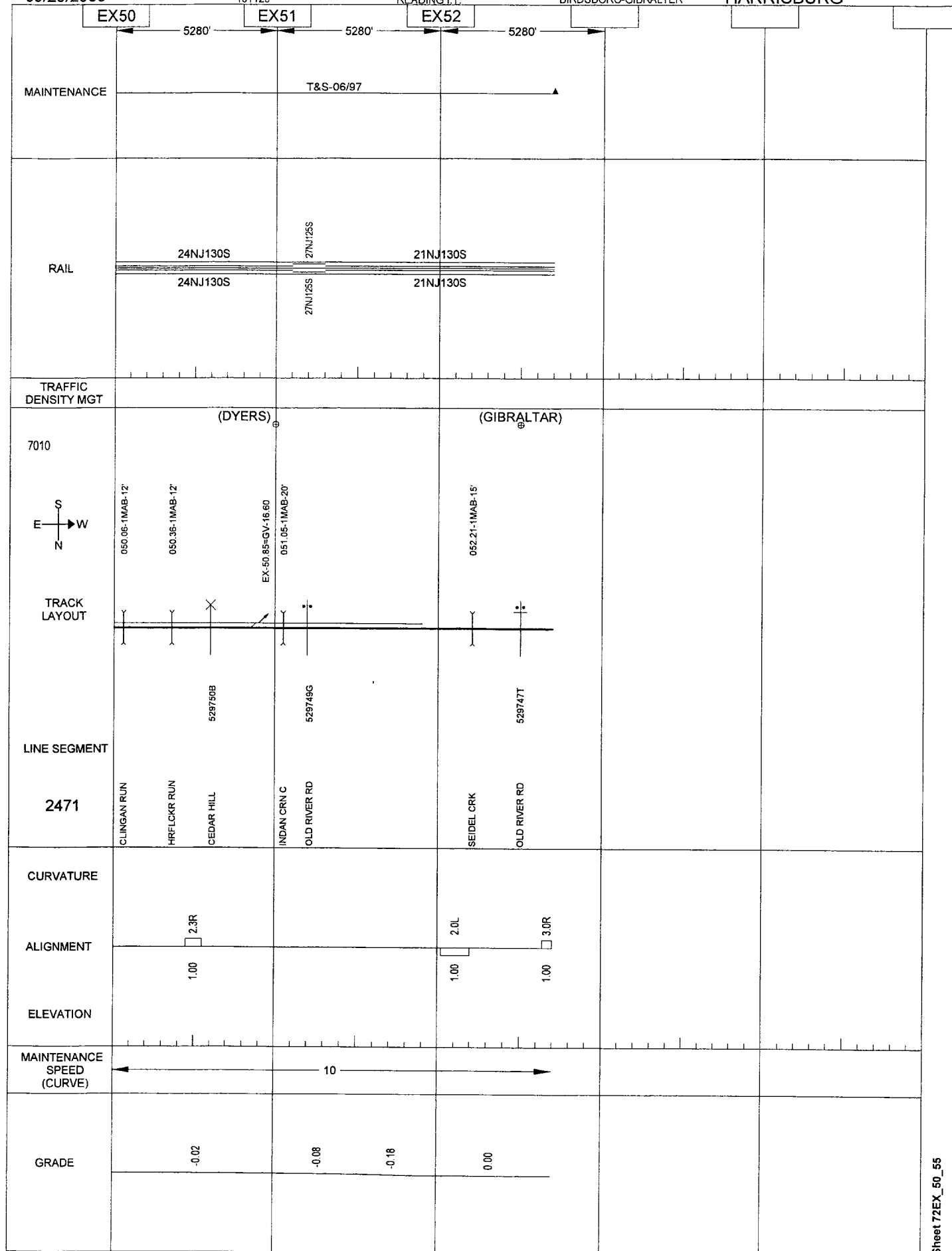
09/29/2009

101129

120
READING I.T.

BIRDSBORO-GIBRALTER

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

101129

121
READING I.T.

READING

HARRISBURG

UI59

UI60

5280'

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7010

TRACK
LAYOUT

LINE SEGMENT

2654

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

(READING)

058.61

058.97

059.78

COURT ST IT

BUTTONWOOD ST

HARRISBURG LINE

DANA CORP.

SCHUYLKILL AVE
PRIVATE 530149B5.0L
1.005.5R
1.003.8R
1.003.5L
1.00

10

0.00

+0.32

General Reference Only - Not for Operational Purposes

Sheet 72UI_55_60

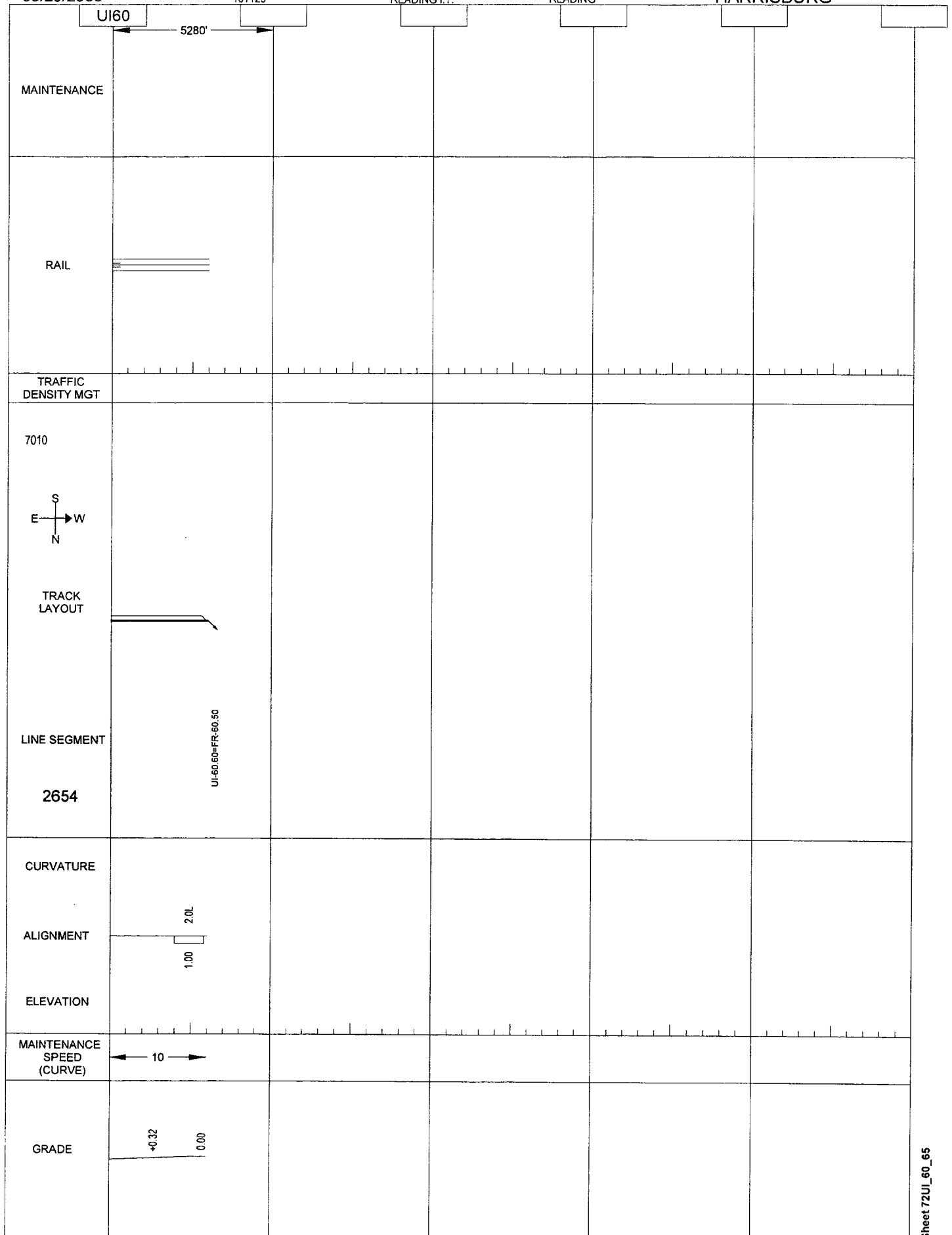
09/29/2009

101129

122
READING I.T.

READING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72UI_60_65

HARRISBURG

2640'

GRADE

OR

1.00

• 10 •

0.00

Sheet 72ZW_0_5

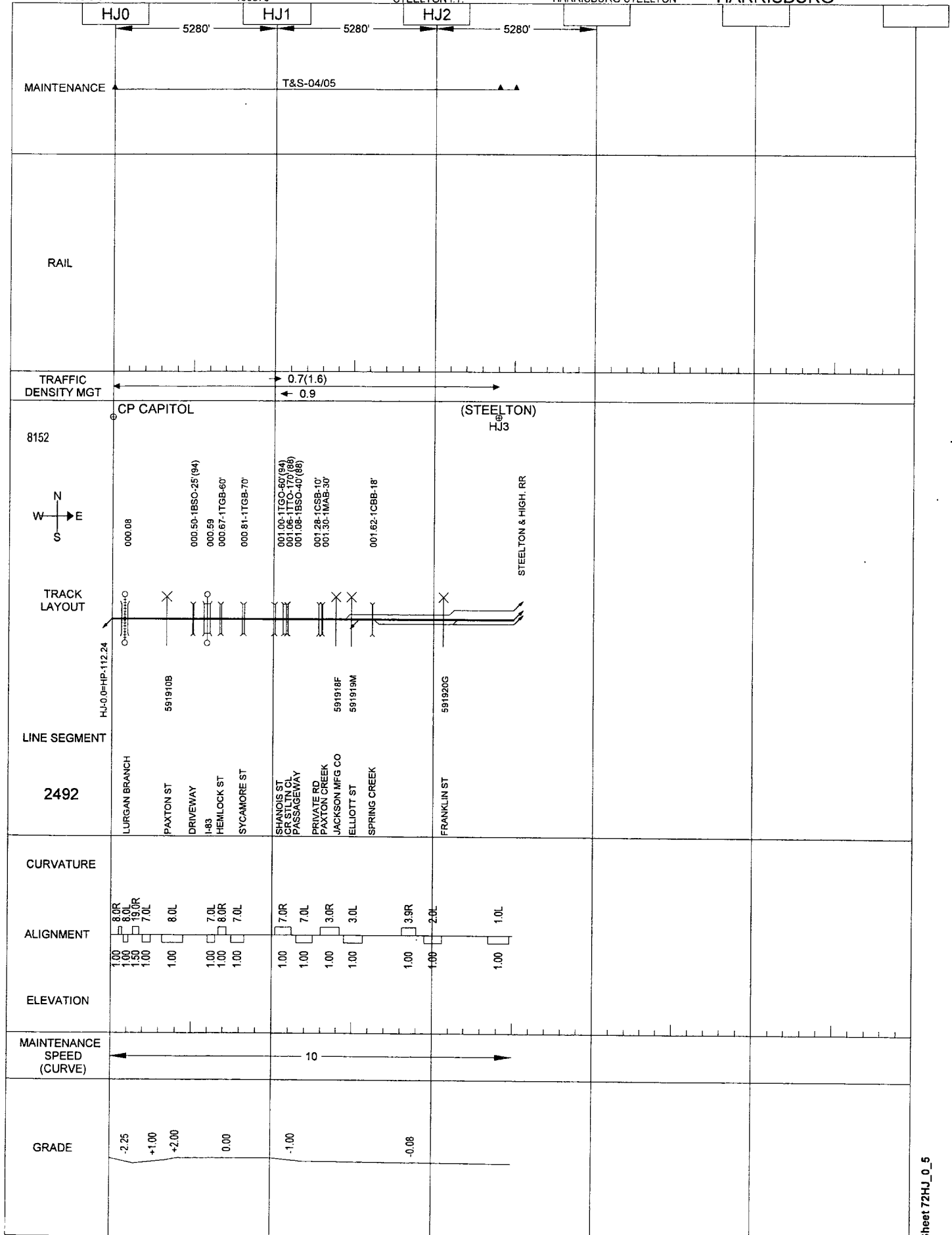
09/29/2009

100379

124
STEELTON I.T.

HARRISBURG-STEELTON

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72HJ_0_5

09/29/2009

302314

125

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG

BR134

BR135

5395'

5283'

5307'

5197'

5354'

MAINTENANCE

T&S-08/08

RAIL

85RW133S

85RW133S

TRAFFIC
DENSITY MGT

0.1(0.6)

0.5

7032

NORTH DRIFTWOOD
BR134



134.48-1BSO-18'(98)

134.93-1CSB-19'

TRACK
LAYOUT

TO WYNP

527085N

LINE SEGMENT

BIG RUN

DRY RUN
REASON LN

2027

CURVATURE

ALIGNMENT

ELEVATION

3.5R

3.3R

0.2R

2.50

2.50

1.00

MAINTENANCE
SPEED
(CURVE)

40

GRADE

-0.15

General Reference Only - Not for Operational Purposes

Sheet 72BR_130_135

09/29/2009

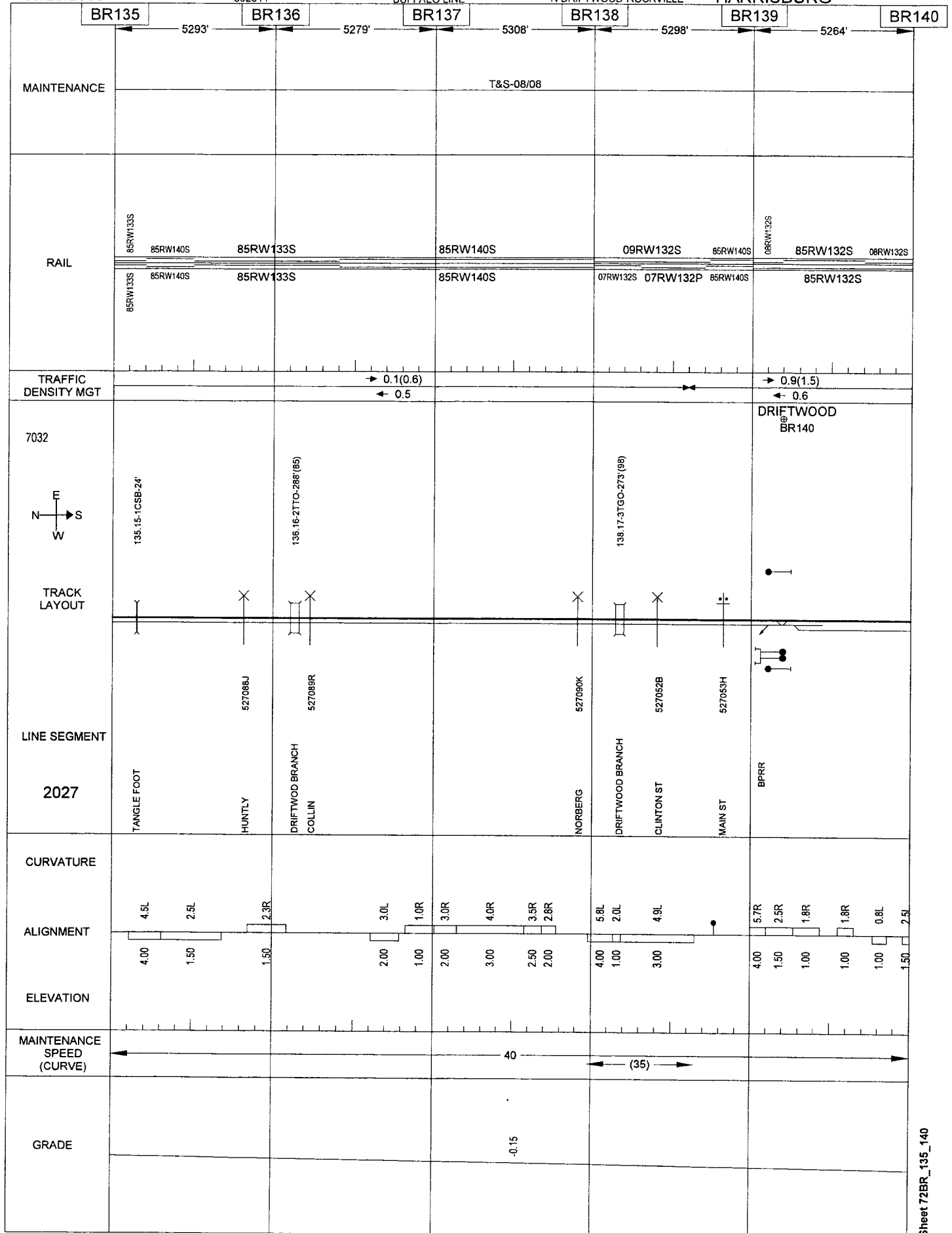
302314

126

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_135_140

09/29/2009

302314

127
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG

145

BR140

BR141

BR142

BR143

BR144

5169'

5396'

5305'

5273'

5281'

MAINTENANCE

T&S-08/08

T&S-06/92

RAIL

08RW132S

85RW132S

00WV136P

85RW132S

08RW132S

85RW132S

08RW132S

91RW132S

74RW152S

85RW132S

85RW132S

91RW132S

74RW152S

TRAFFIC
DENSITY MGT

→ 0.9(1.5)
← 0.6

SOUTH DRIFTWOOD
BR142

(GROVE)

7032

E
N → S
W

TRACK
LAYOUT

LINE SEGMENT

2027

141.68-1CSB-24'

142.08-3TTC-417'(08)

142.78-1DGO-50'(90)

144.18-1CSB-31'

527091S

527054P

527055W

527092Y

GROVE RUN
RAILROAD ST

DRIFTWOOD BRANCH

WYCOFF RUN RD

WYCOFF RUN
MEAD

UPPER JERRY

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

2.5L
1.50
4.00

5.0L
1.00
1.00

1.9R
1.00
1.00

2.0L
1.00
1.00

1.5L
1.00
1.00

5.4R
4.00
4.00

6.3L
4.00
2.50

3.3R
2.50
1.50

2.5R
1.50
2.50

3.5L
2.50
1.00

1.8L
1.00
1.00

0.5R
1.00
3.50

4.3L
3.50
2.50

3.4R
2.50
2.00

3.1R
2.00
2.50

3.4R
2.50
1.00

1.4L
1.00
1.50

1.7L
1.50
1.00

(35) (35) 40

50

-0.15

General Reference Only - Not for Operational Purposes

Sheet 72BR_140_145

09/29/2009

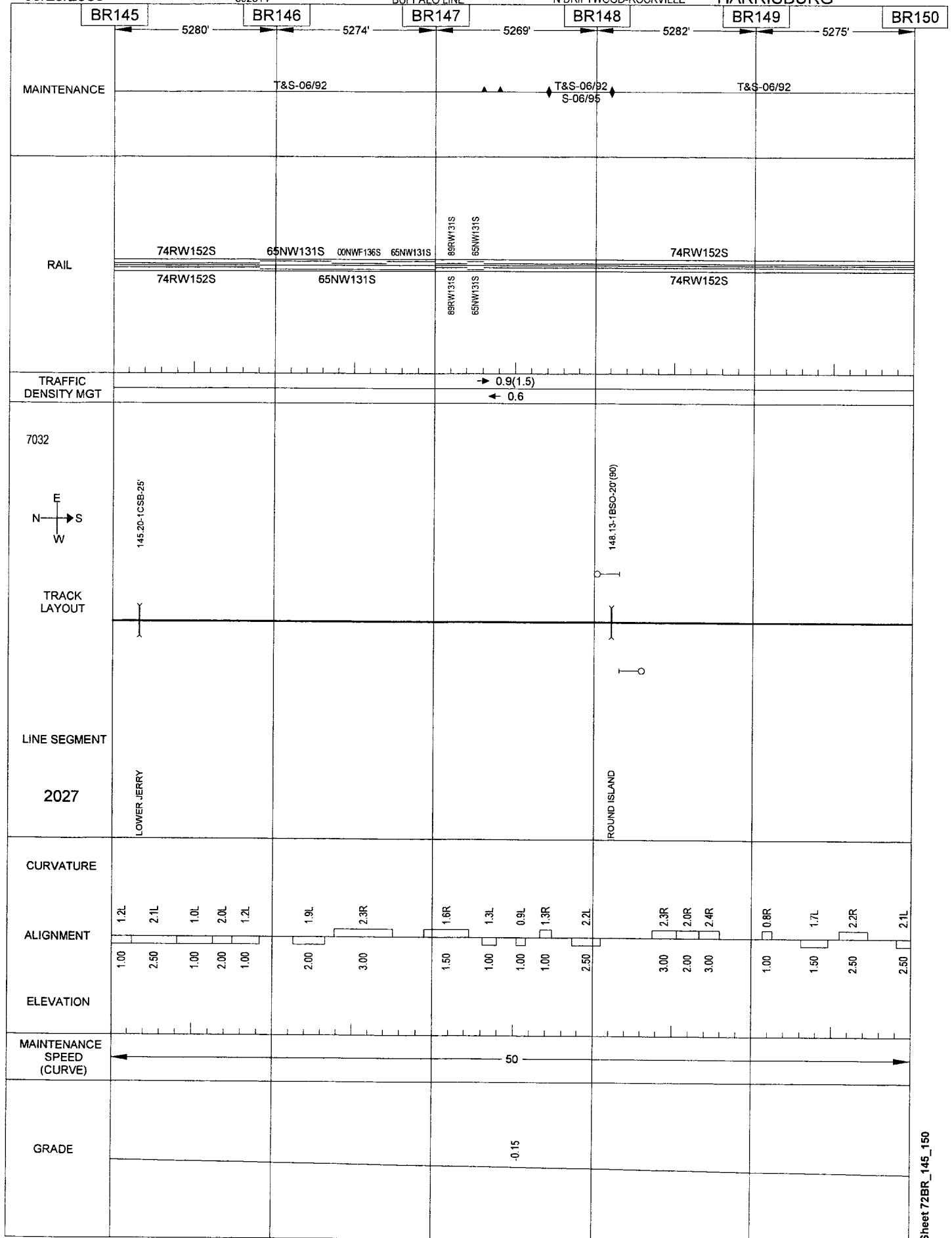
302314

128

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_145_150

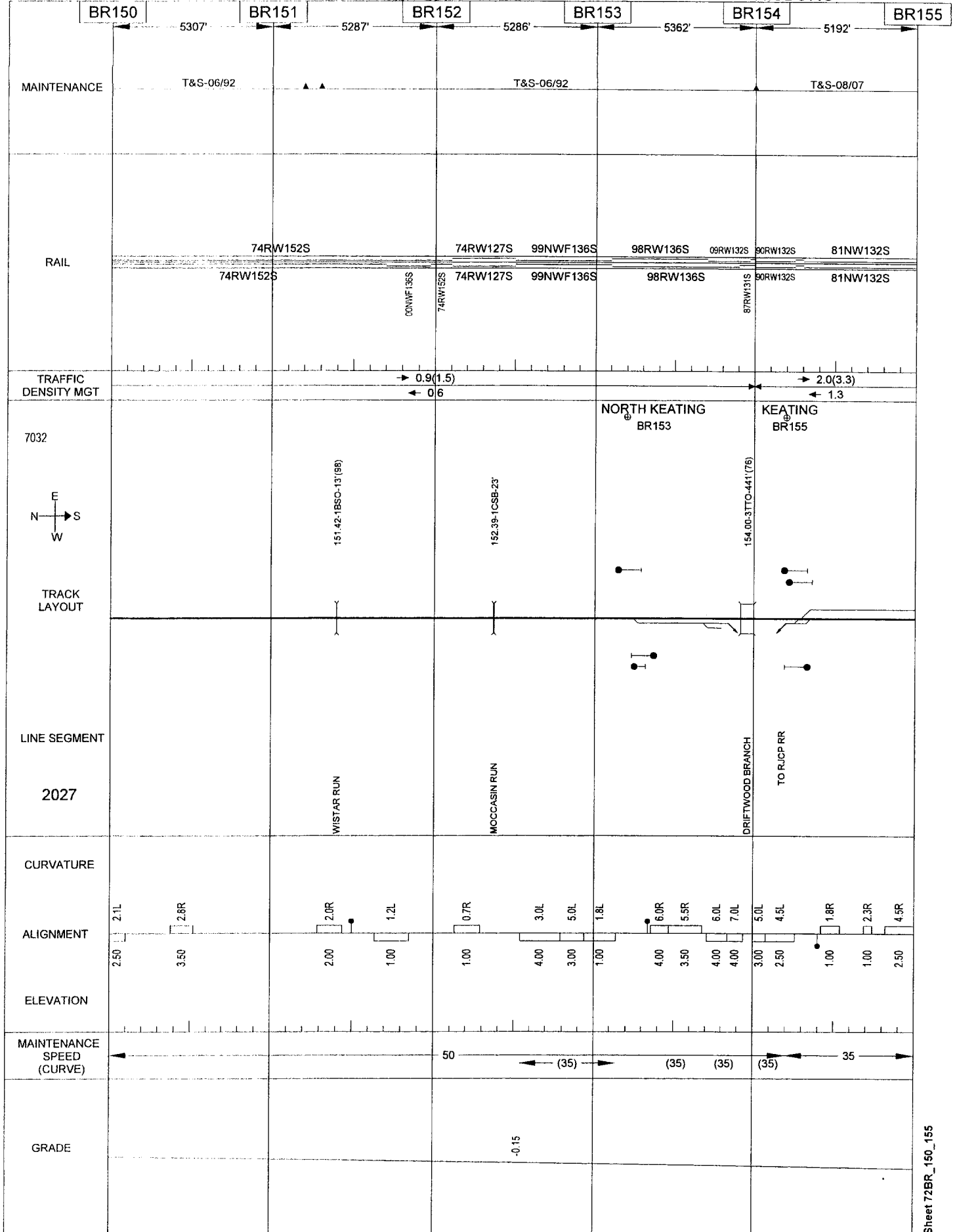
09/29/2009

129

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_150_155

BR155

BR156

BR157

BR158

BR159

BR160

- 5253'

5286'

5267'

5273'

5300' -

MAINTENANCE

T&S-08/07

RAIL

81NW132S

81NW132S

81NW132S

64NW131S

91RW132S

00NWF136S

64NW131S

91RW132S

25

98RW136S

98RW136S

TRAFFIC
DENSITY MGT

→ 2.0(3.3)
← 1.3

7032

TH KEATING
BR159



TRACK LAYOUT

156.70-1DGB-69'
COOKS RUN STUB TRK

526992L

COOK

LINE SEGMENT

2027

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

35

- 4C

GRADE

0.15

General Reference Only - Not for Operational Purposes

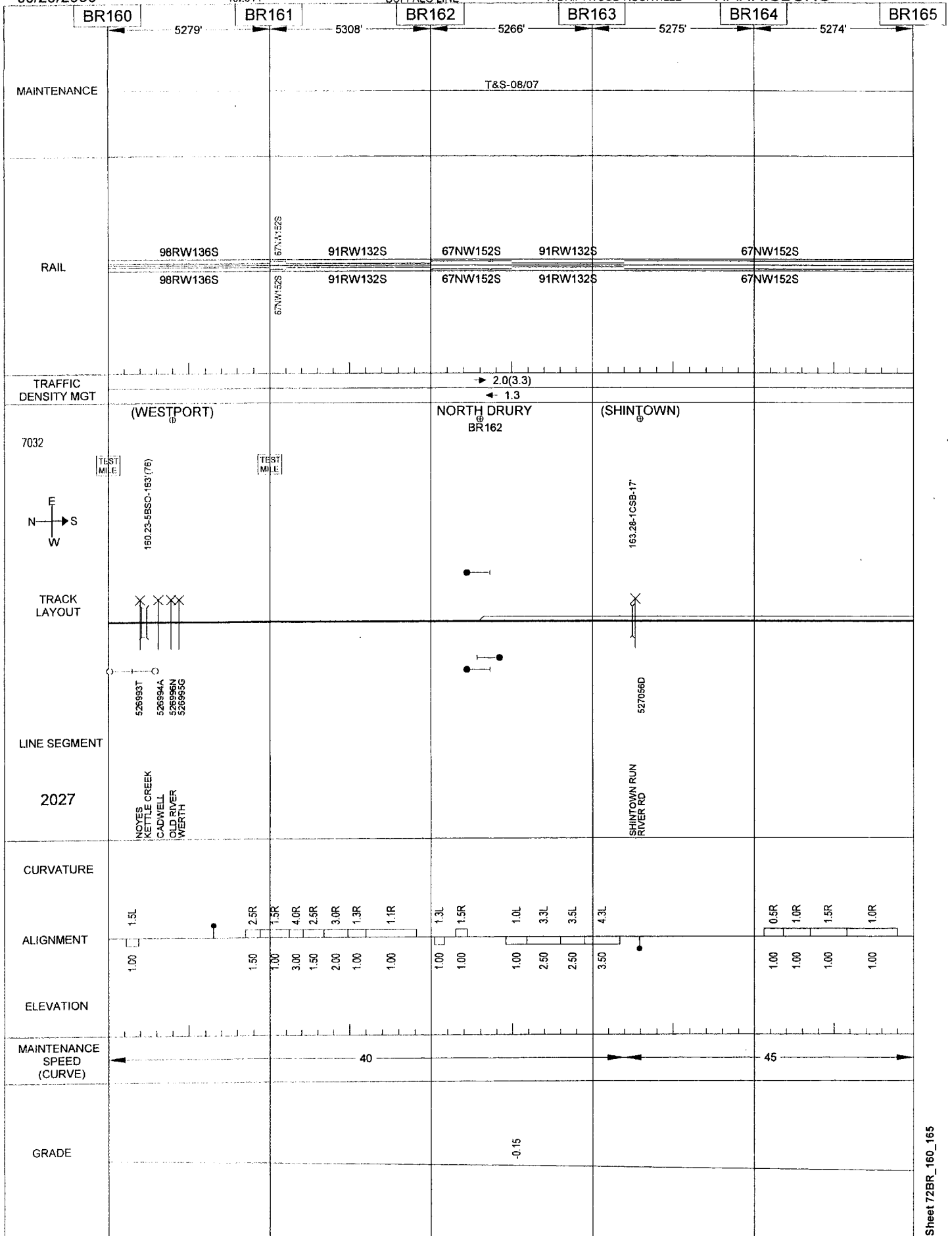
09/29/2009

102314

131
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_160_165

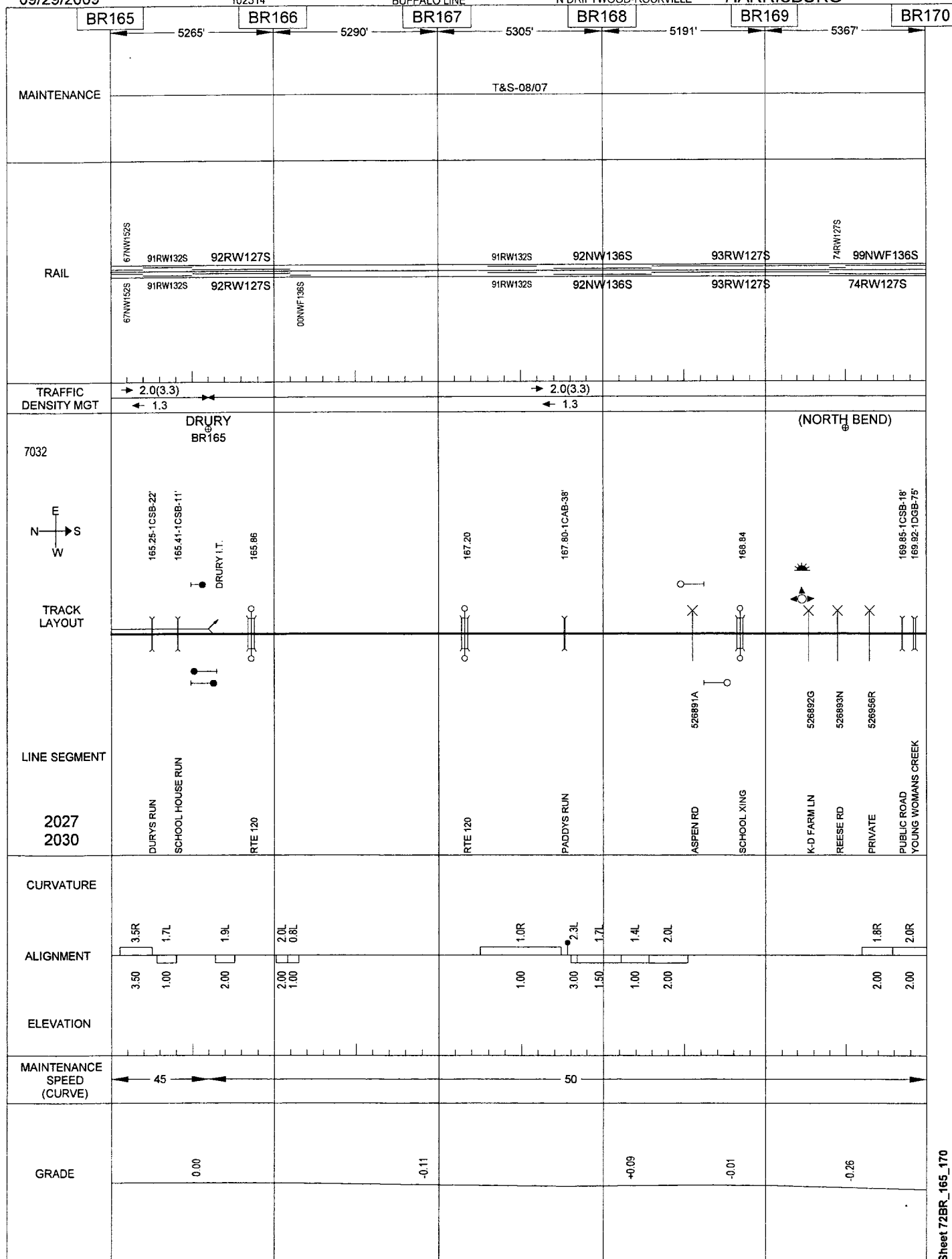
09/29/2009

102314

132
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_165_170

09/29/2009

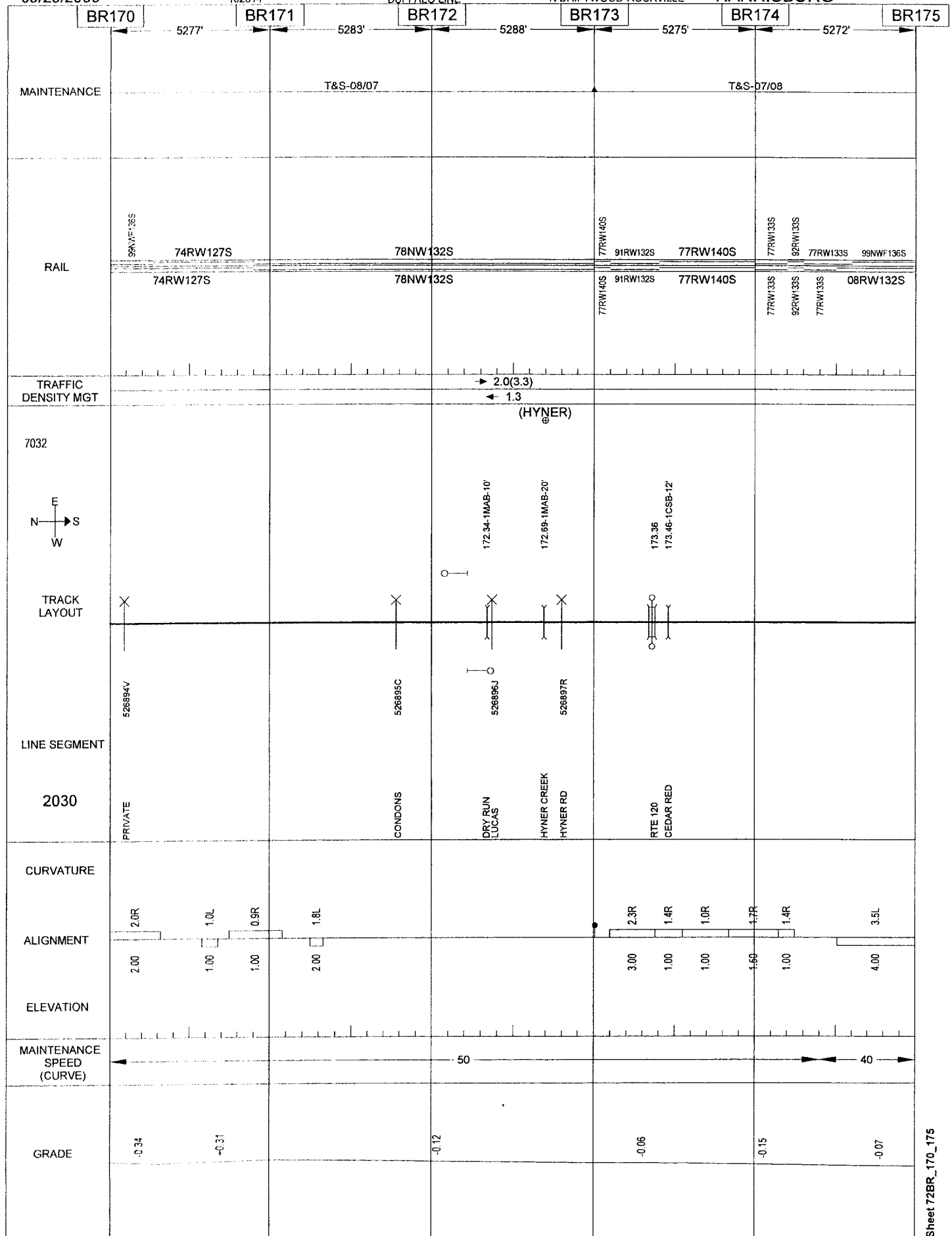
102314

133

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_170_175

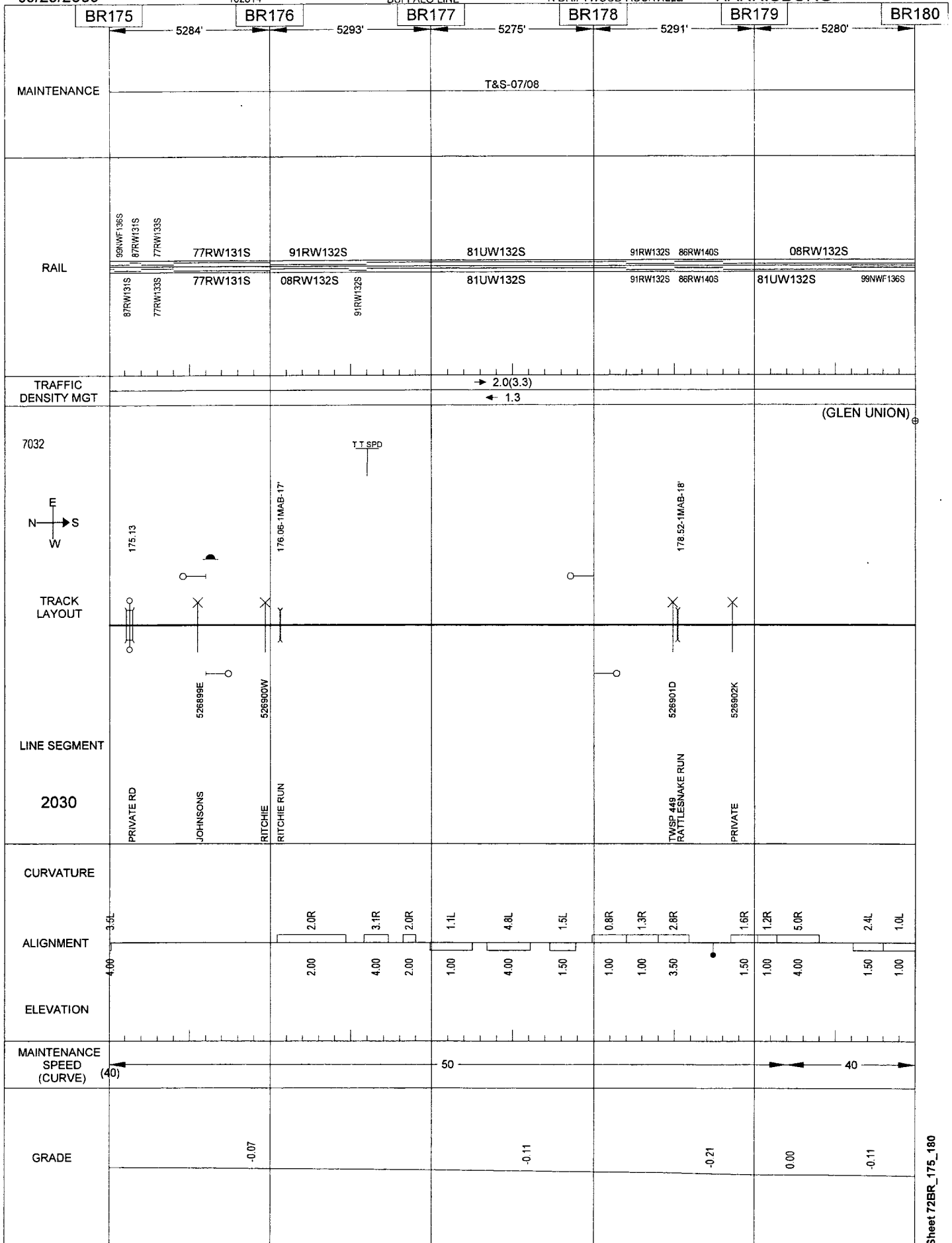
09/29/2009

102314

134
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_175_180

09/29/2009

102314

135

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG

BR180

BR181

BR182

BR183

BR184

BR185

5709'

4836'

5256'

5285'

5282'

MAINTENANCE

T&S-07/08

RAIL

08W132S
81UW132S
99NW136S
81UW132S

74RW127S

74RW127S

99NW136S
99NW136S

74RW127S

74RW127S

77NW140S

77NW140S

78RW132S

78RW132S

TRAFFIC
DENSITY MGT→ 2.0(3.3)
← 1.3

7032

NORTH BAKER
BR180SOUTH BAKER
BR184E
N → S
WTRACK
LAYOUT

183.35-1BSB-26'

LINE SEGMENT

2030

526905F

RR ACCESS SDG ONLY

526906M

TWP RD 449

FERNEY RUN
RR ACCESS SDG ONLY

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

1.0L
3.8L
4.0L
5.1L0.3R
1.00
1.00
1.00
3.500.8L
1.00
1.00
1.50

1.6R

2.0R

1.1R

1.8L
2.00
3.00
1.00

40

50

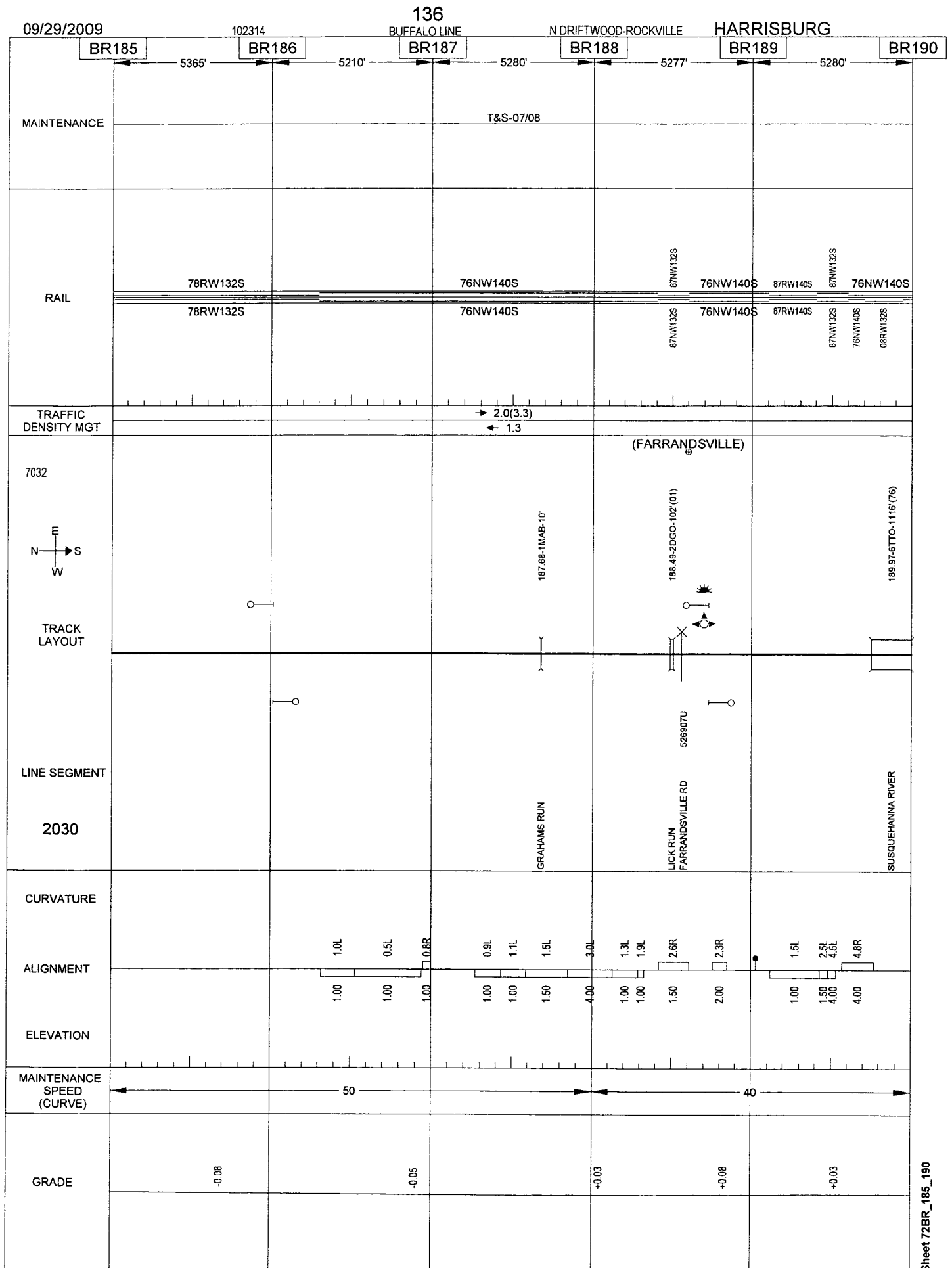
-0.11

+0.14

-0.08

General Reference Only - Not for Operational Purposes

Sheet 72BR_180_185



General Reference Only - Not for Operational Purposes

09/29/2009

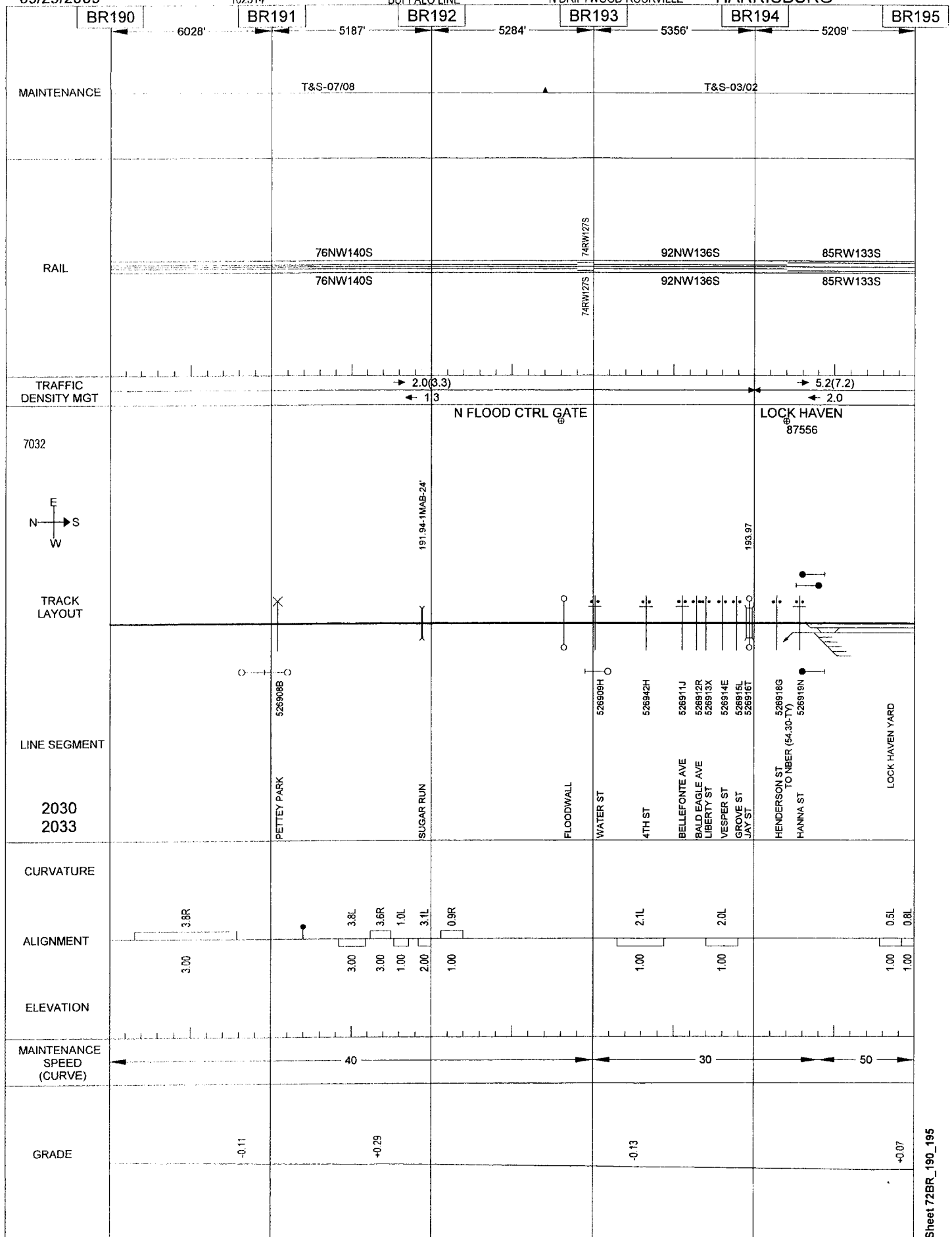
102314

137

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_190_195

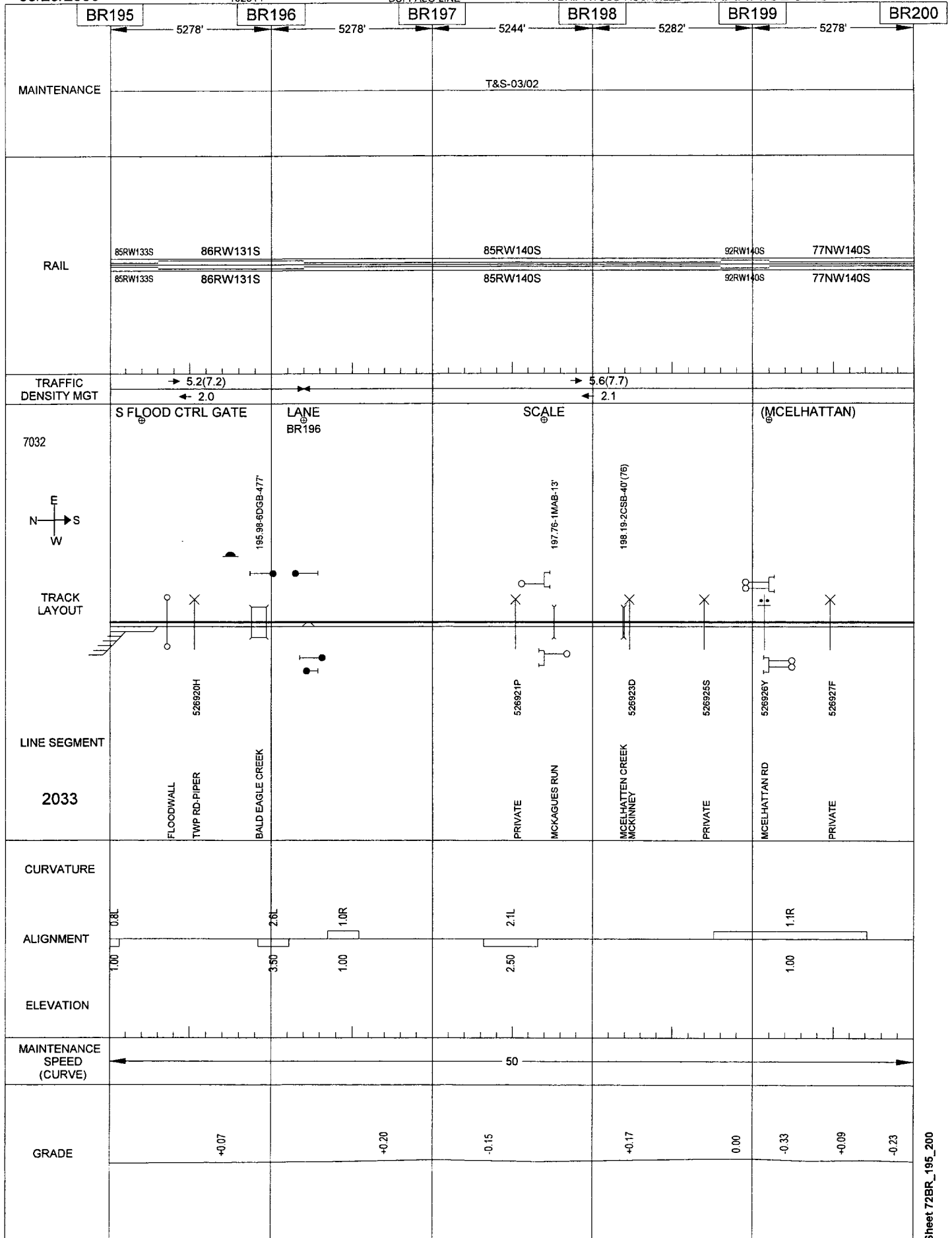
09/29/2009

102314

138
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_195_200

09/29/2009

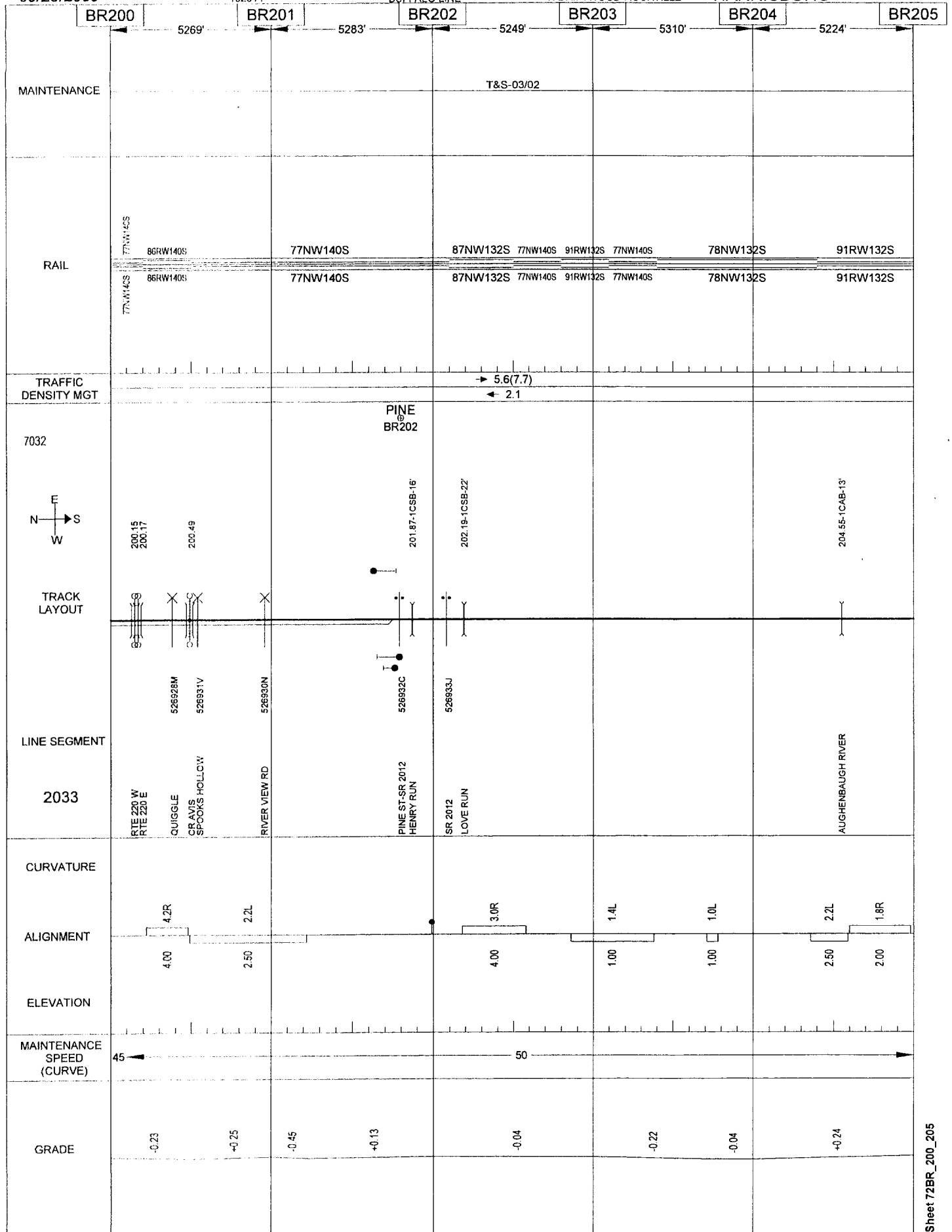
102314

139

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_200_205

09/29/2009

102314

140
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG

BR205

BR206

BR207

BR208

BR209

BR210

5258'

5267'

5308'

5274'

5291'

MAINTENANCE

T&S-03/02

RAIL

78NW132S

01NW132S

80NW140S

78NW132S

80NW140S

00NW136S

TRAFFIC
DENSITY MGT→ 5.6(7.7)
← 2.1

7032

TRACK
LAYOUT

(ANTES FORT)

206 40-1MAB-20'

206 82

LINE SEGMENT

2033

RIVER MILL
526934R

ANTES CREEK

RTE 44

OVHD FOOT BRIDGE

BUNKER HILL RD
526935XSTATE ST
526936E

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

50

GRADE

-0.24

-0.21

General Reference Only - Not for Operational Purposes

Sheet 72BR_205_210

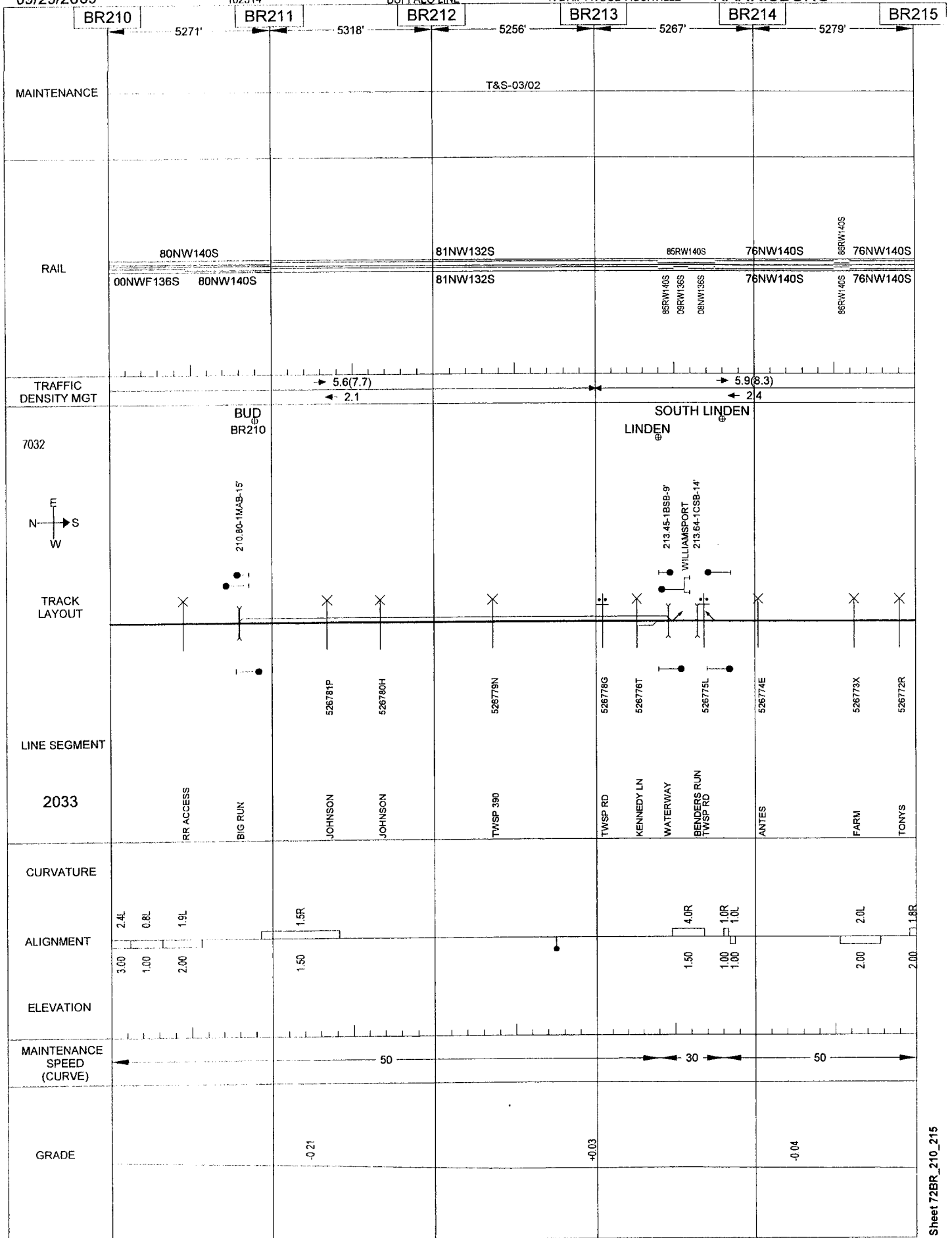
09/29/2009

102314

141
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_210_215

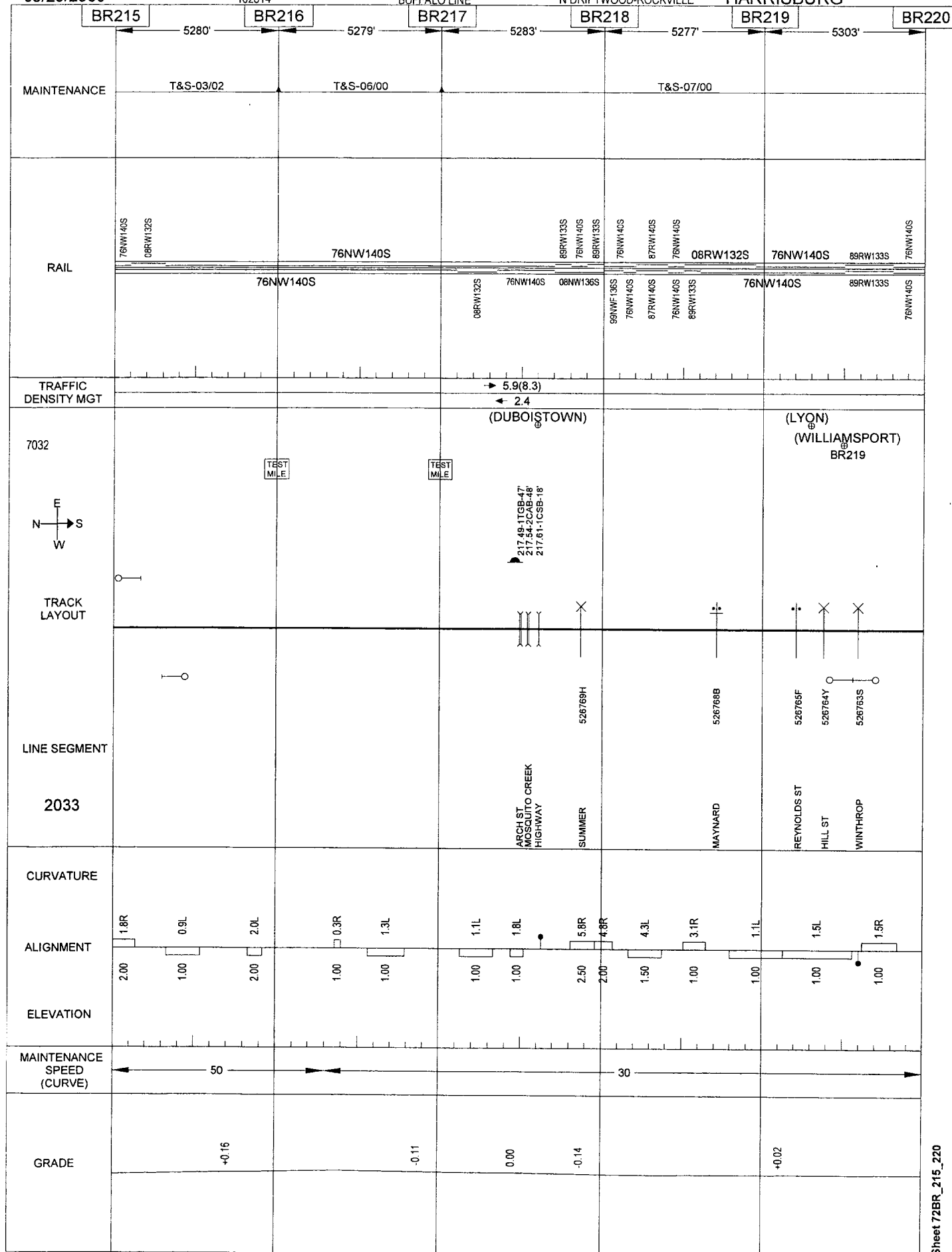
09/29/2009

102314

142
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_215_220

09/29/2009

102314

143
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG

BR220

BR221

BR222

BR223

BR224

P 25

4200'

5266'

5286'

5185'

5354'

MAINTENANCE

T&S-07/00

RAIL

76NW140S

87RW140S

76NW140S

78NW132S

85RW140S

76NW140S

87RW140S

76NW140S

78NW132S

85RW140S

TRAFFIC
DENSITY MGT→ 5.9(6.3)
← 2.4

7032

220.09
220.12 CAB-11'TRACK
LAYOUT

LINE SEGMENT

2033

MARKET ST
HAGERMAN RUN

SYLVANDELL RD

FARM

FARM

FARM

SYLVANDELL RD

VINYARD

PRIVATE

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

0.5L

2.6R

2.0L

0.6R

3.3R

2.1L

4.4L

4.1R

1.5L

0.9L

1.00

1.00

1.00

1.00

2.50

1.00

3.50

3.50

1.00

1.00

30

40

50

+0.02

-0.20

-0.01

+0.04

-0.11

General Reference Only - Not for Operational Purposes

Sheet 72BR_220_225

09/29/2009

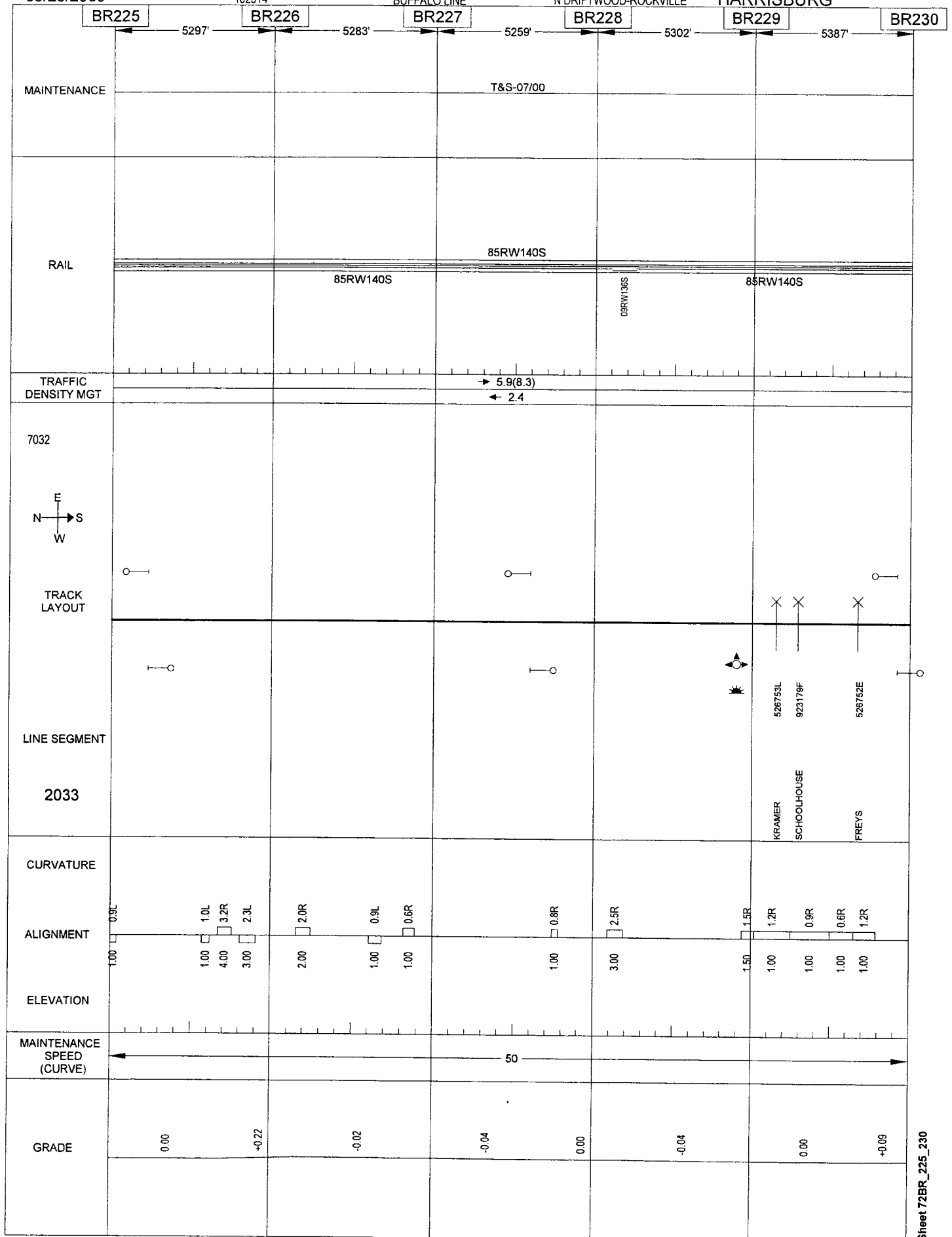
102314

144

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



Sheet 72BR_225_230

General Reference Only - Not for Operational Purposes

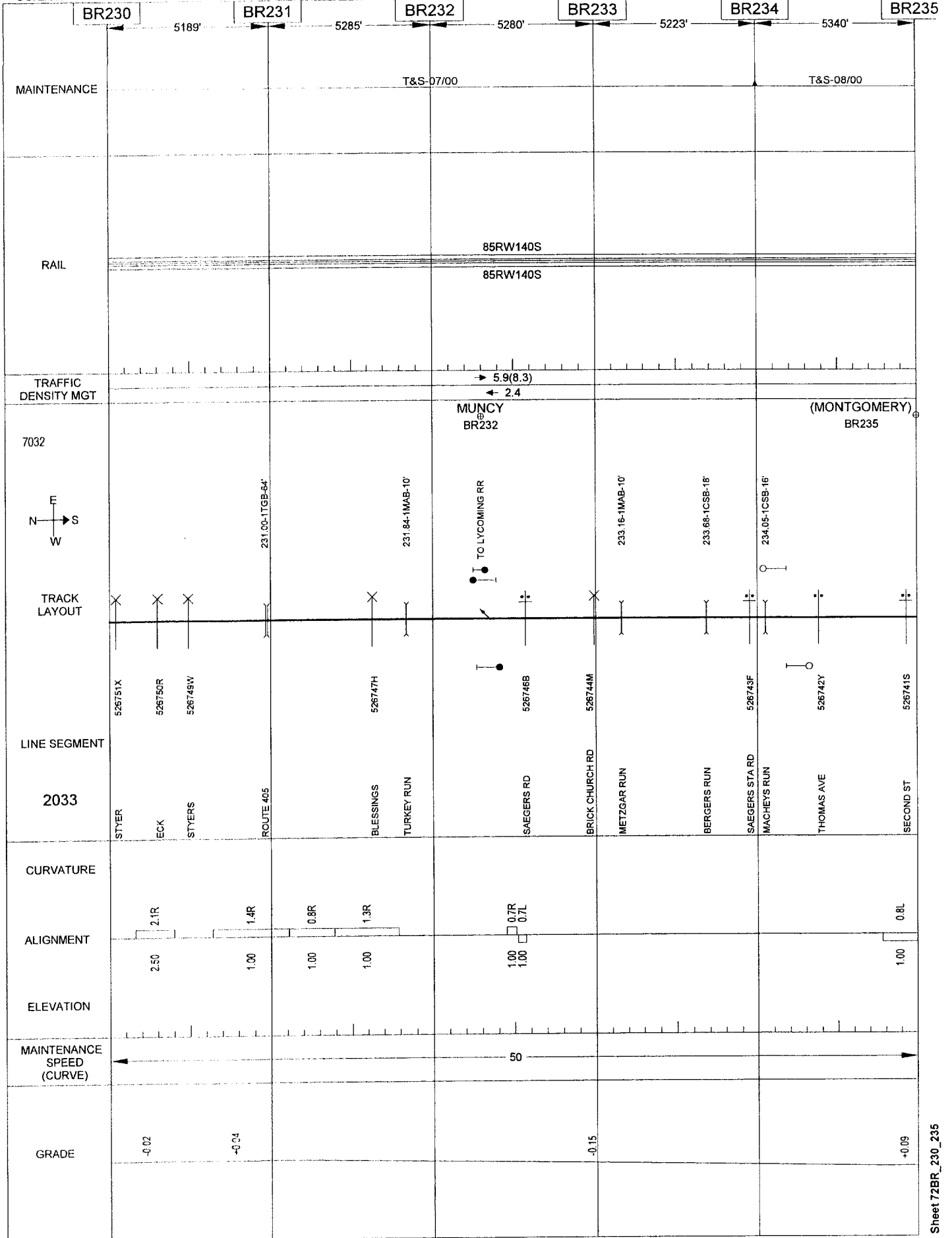
09/29/2009

102314

145
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_230_235

09/29/2009

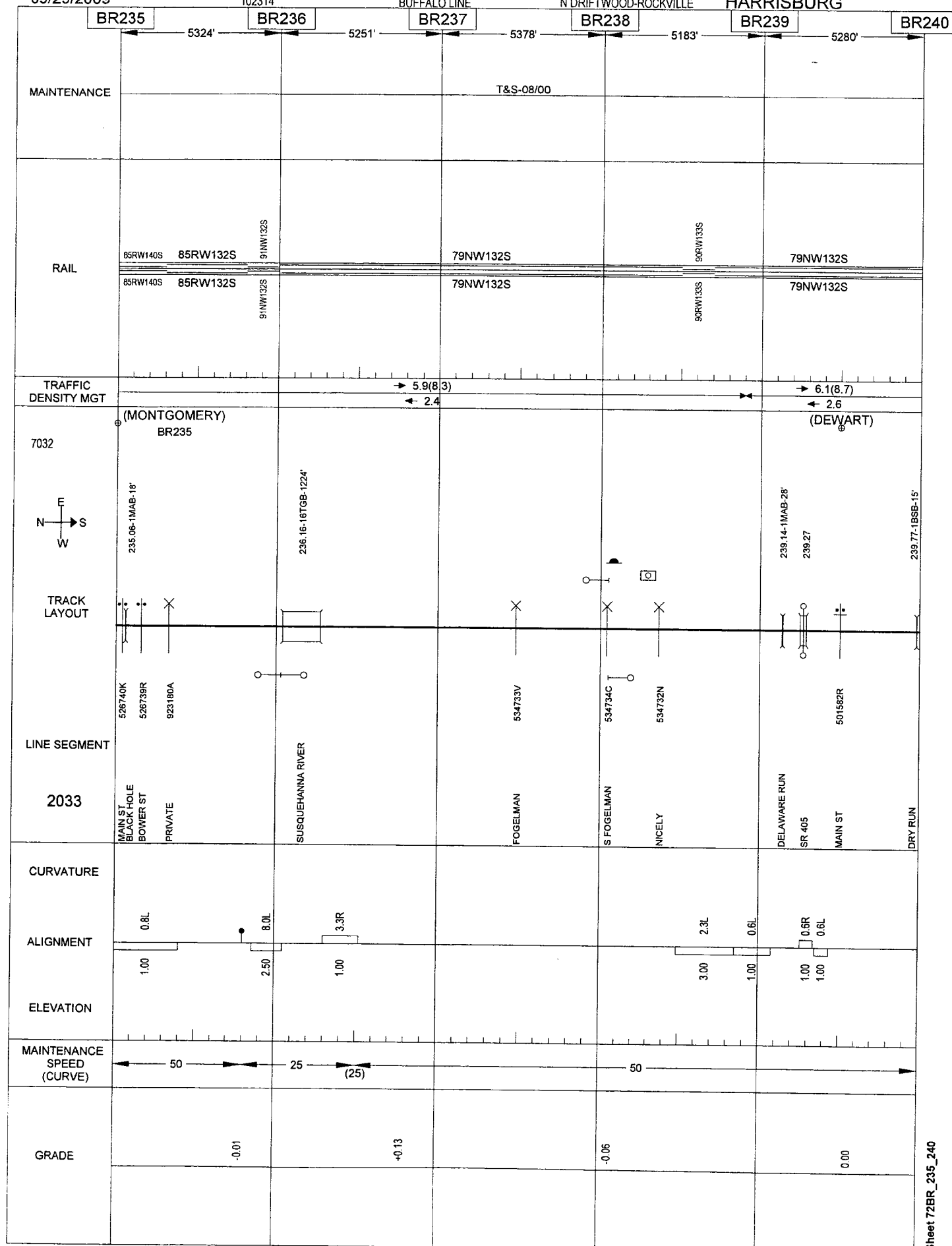
102314

146

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



Sheet 72BR_235_240

General Reference Only - Not for Operational Purposes

09/29/2009

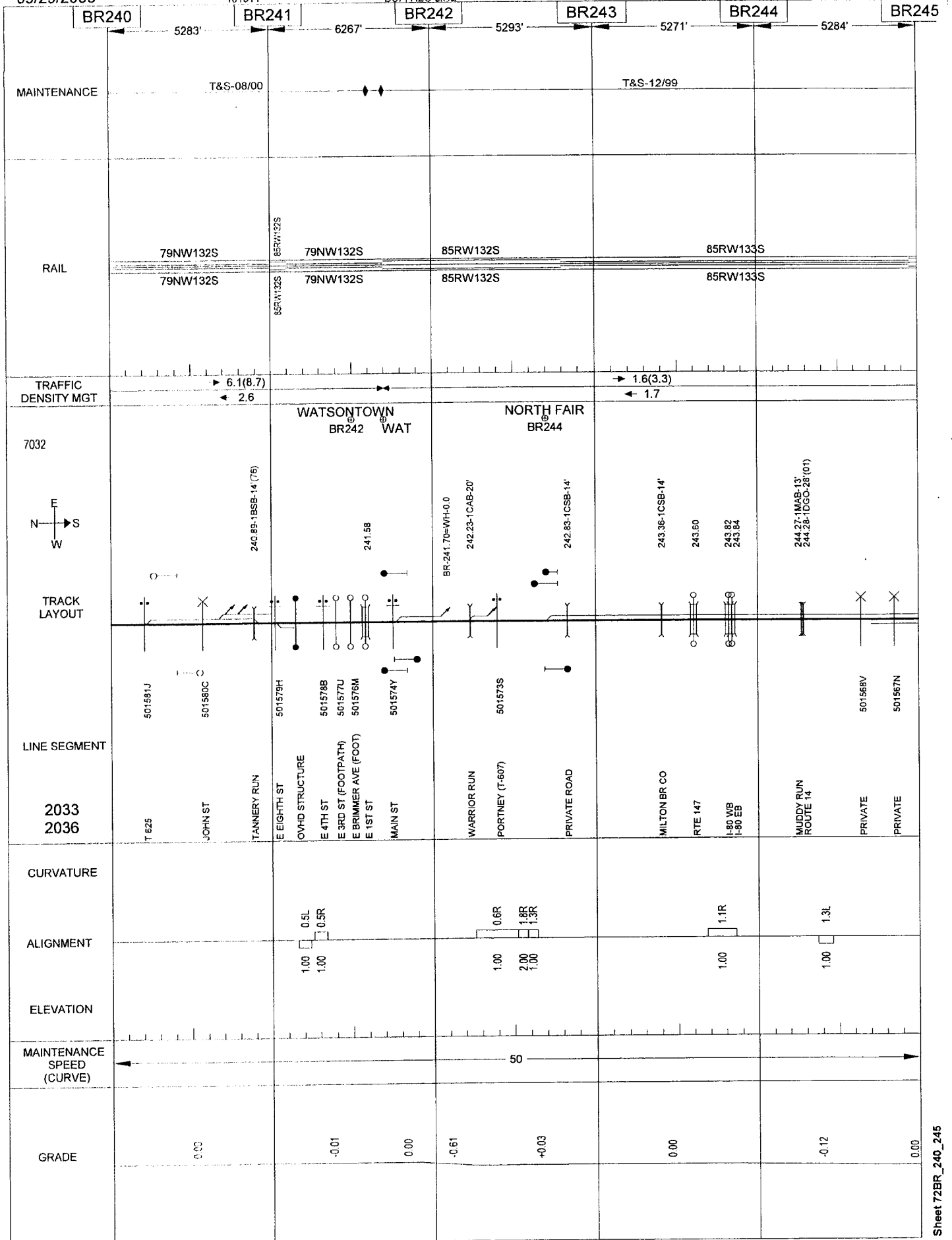
101314

147

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

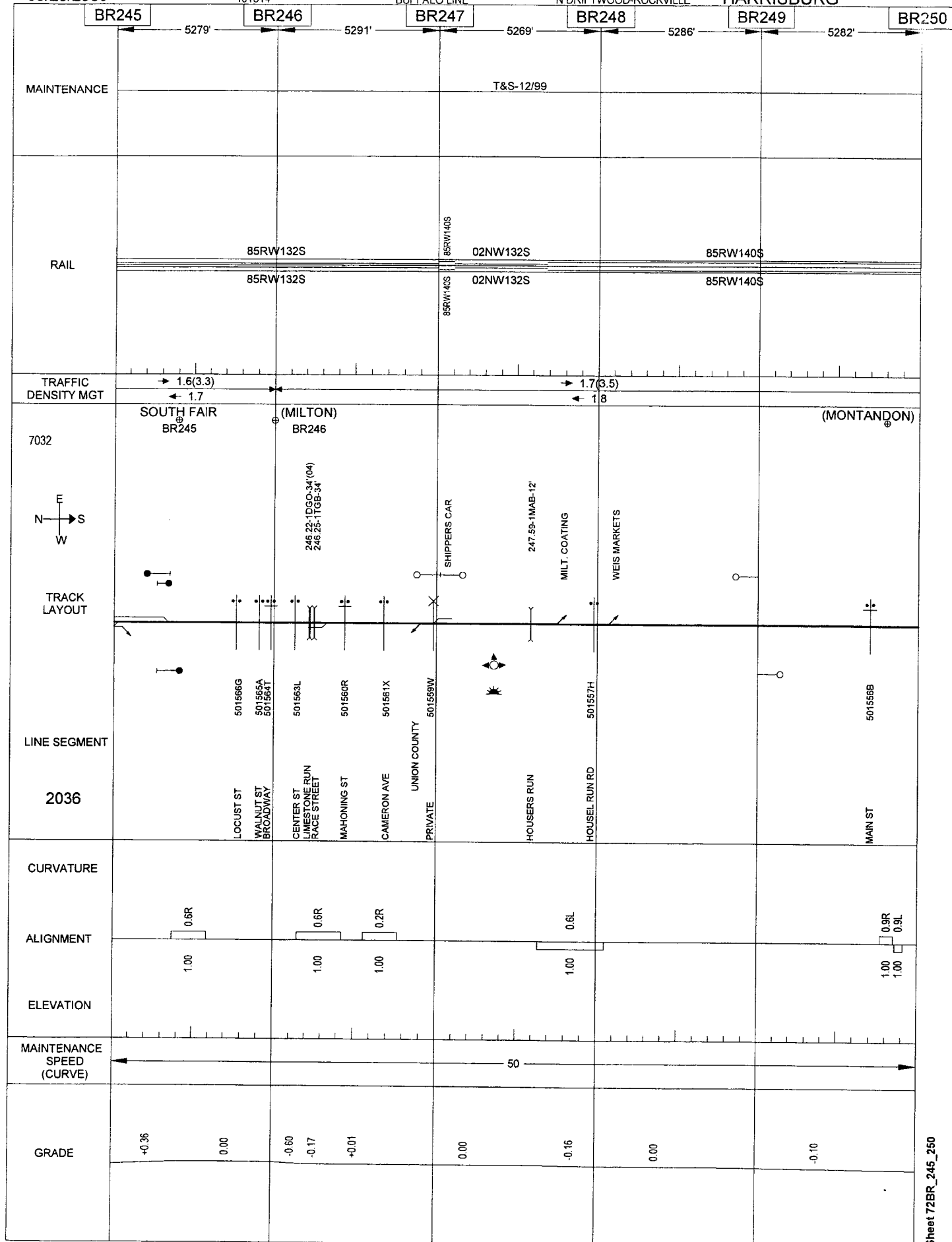
09/29/2009

148

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_245_250

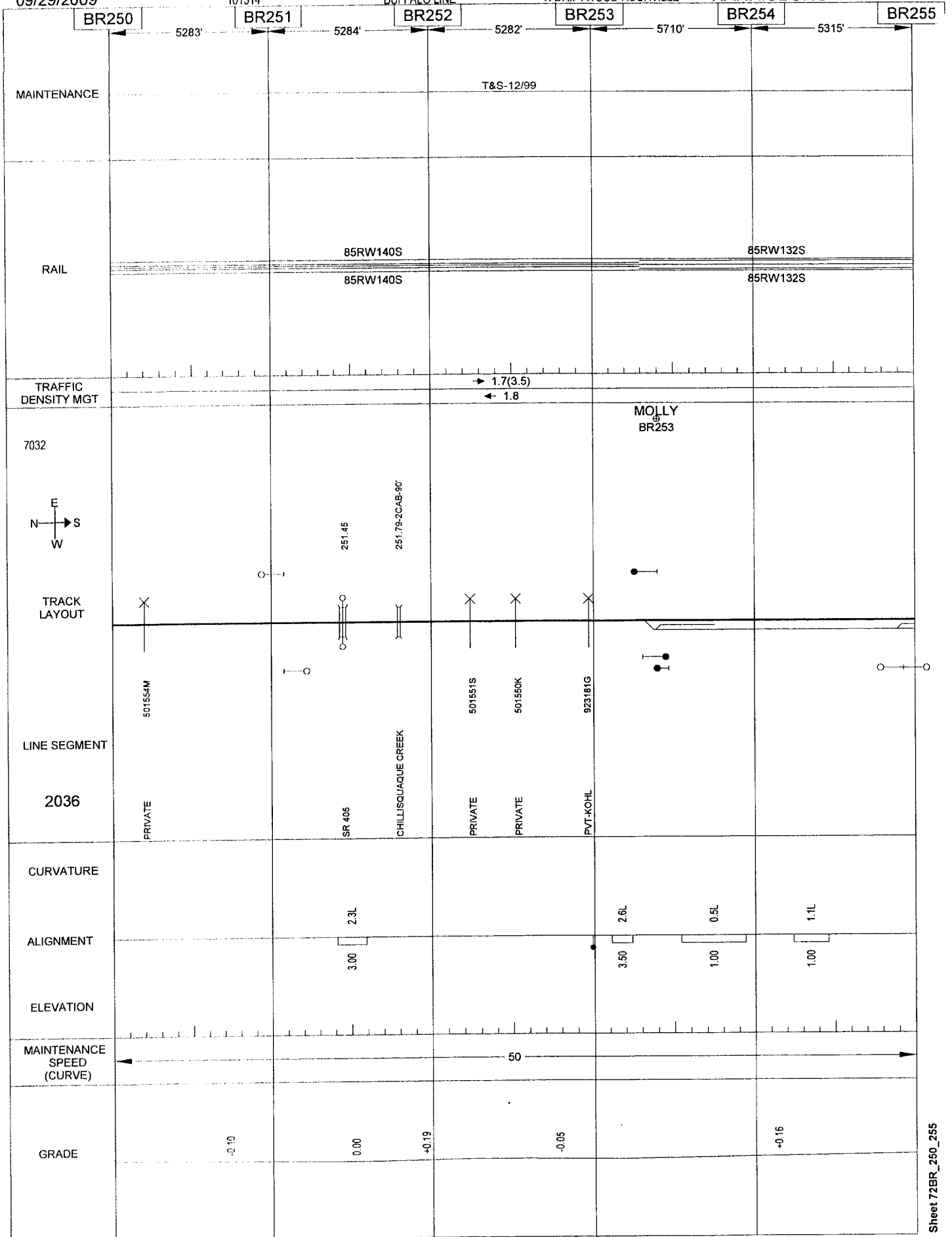
09/29/2009

101314

149
BUFFALO LINE

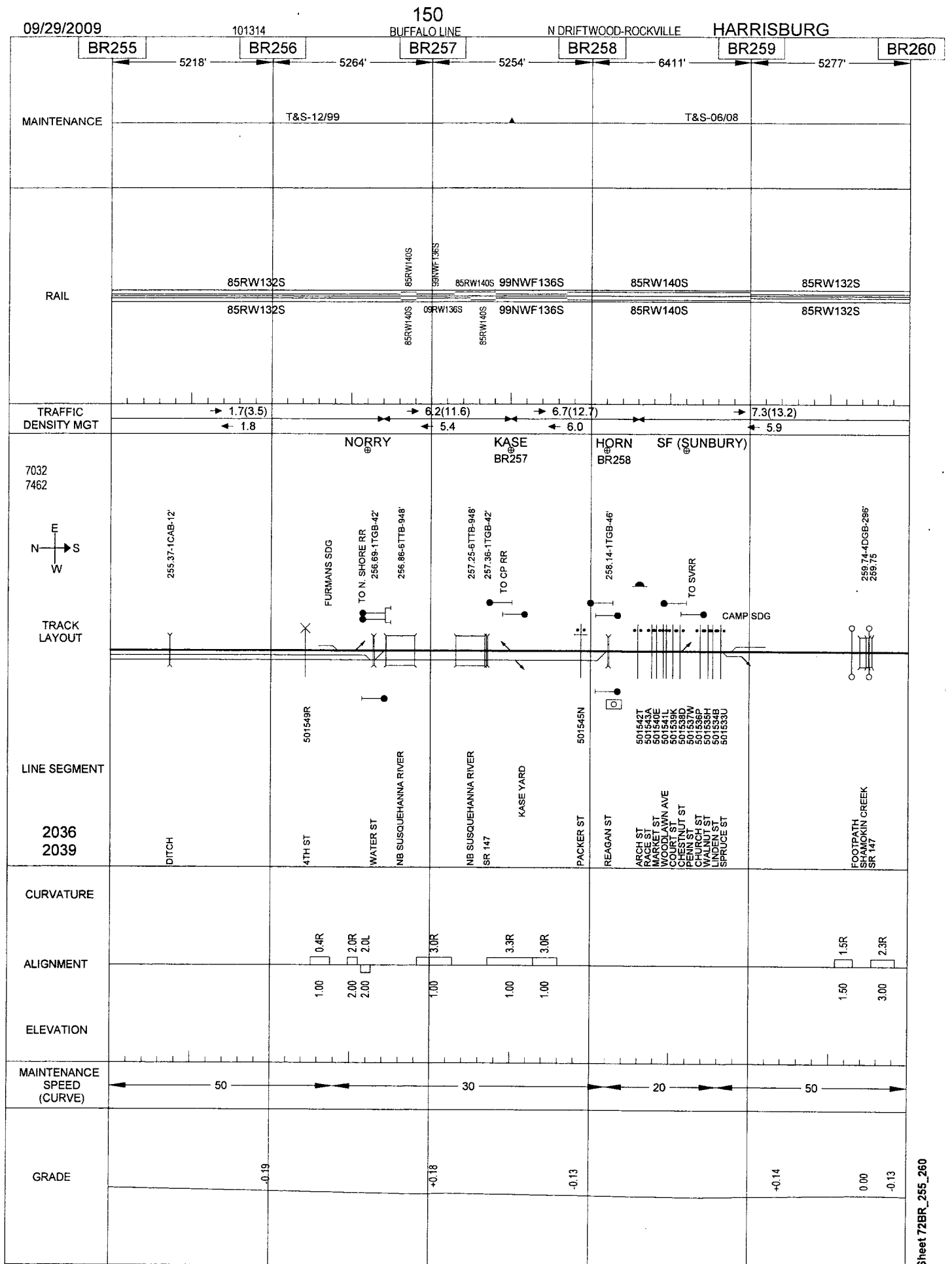
N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_250_255



General Reference Only - Not for Operational Purposes

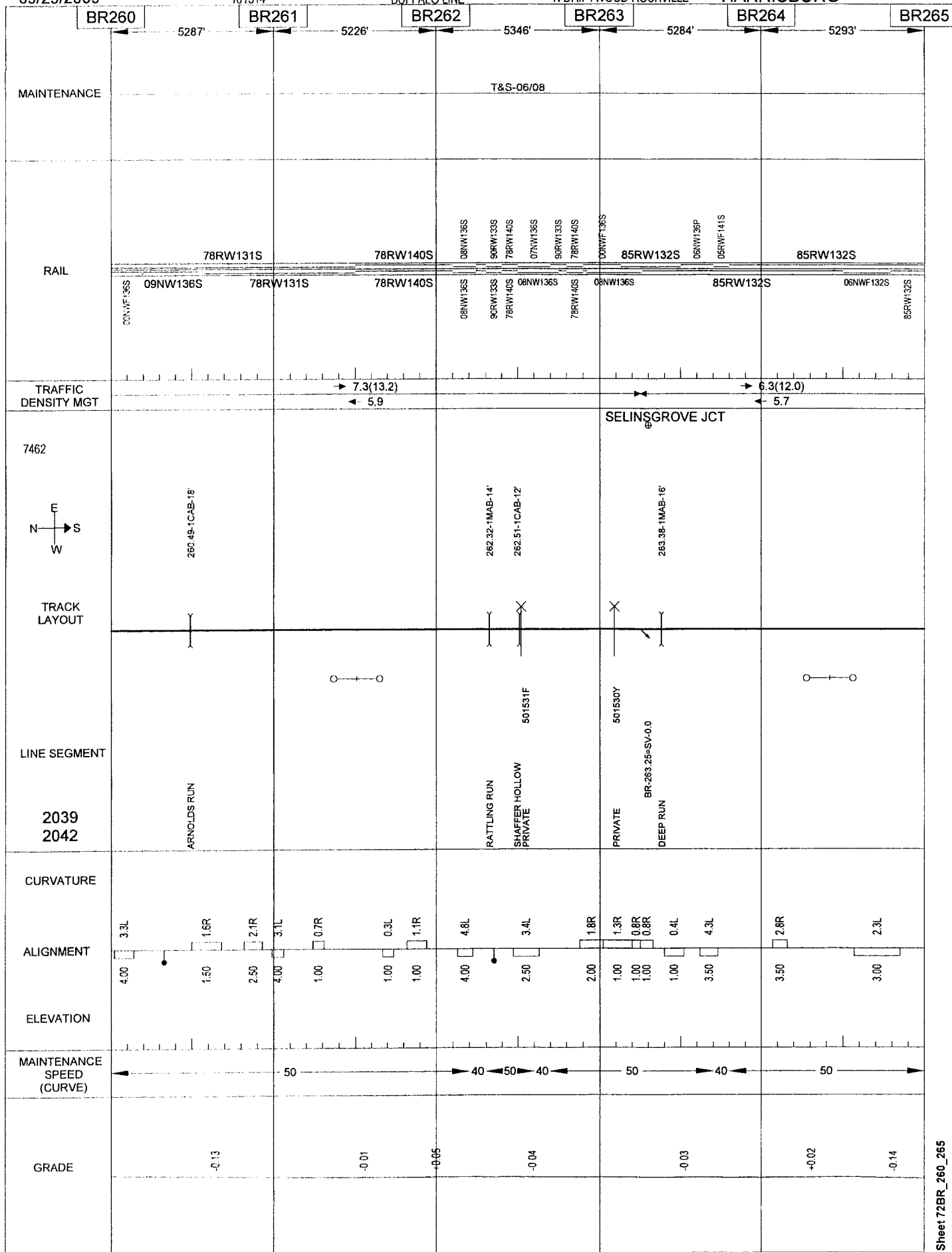
09/29/2009

101314

151
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

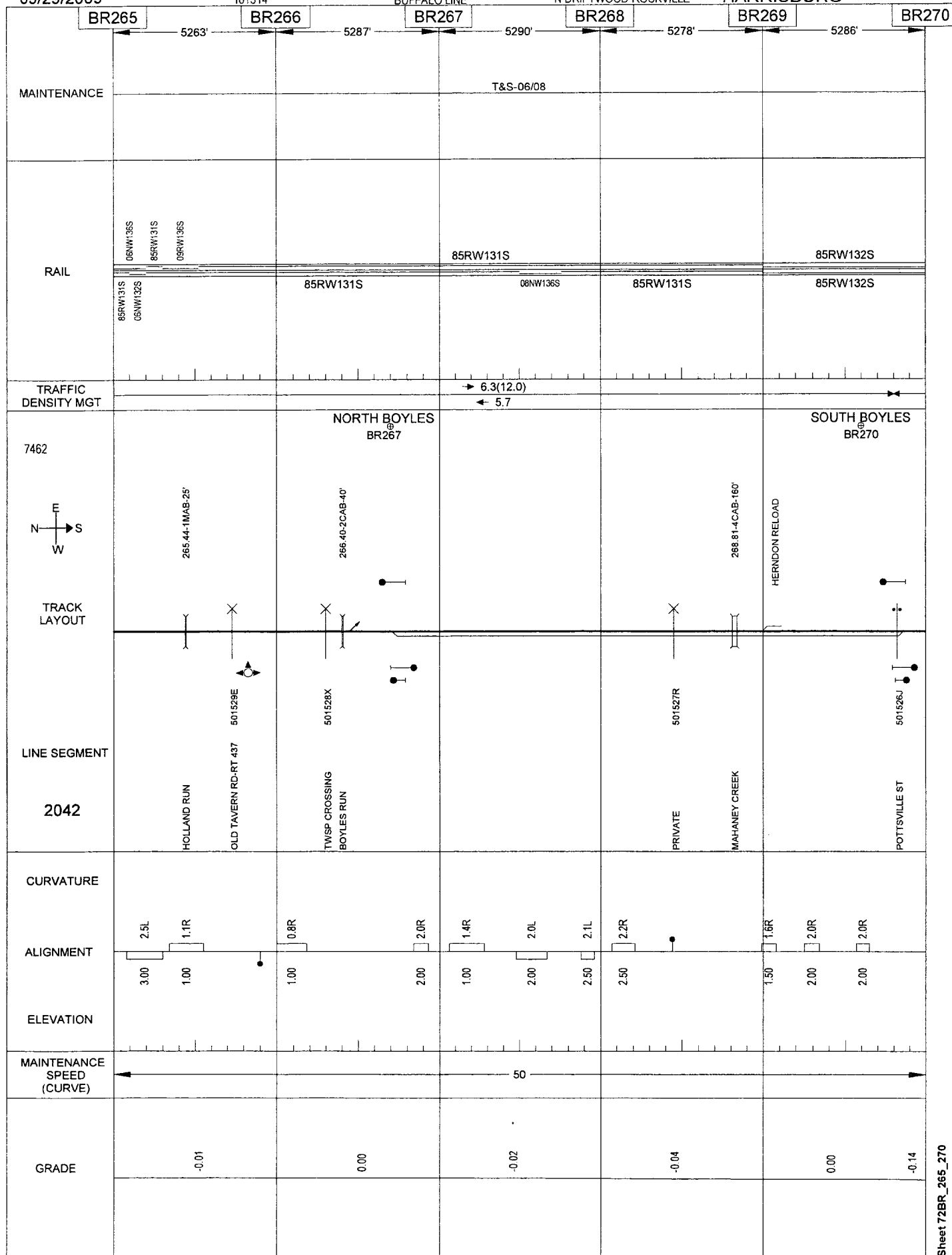
09/29/2009

101314

152
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

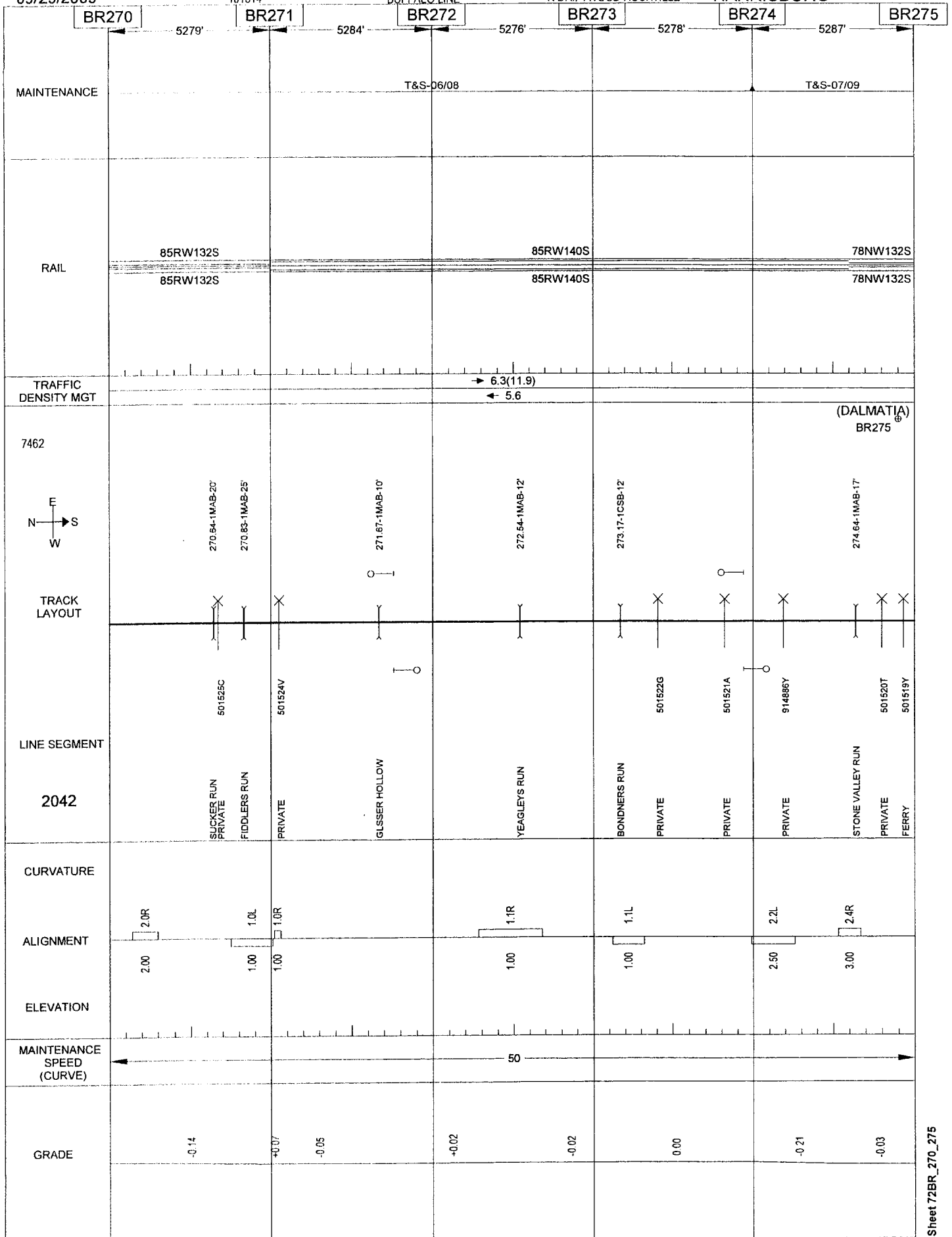
09/29/2009

101314

153
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

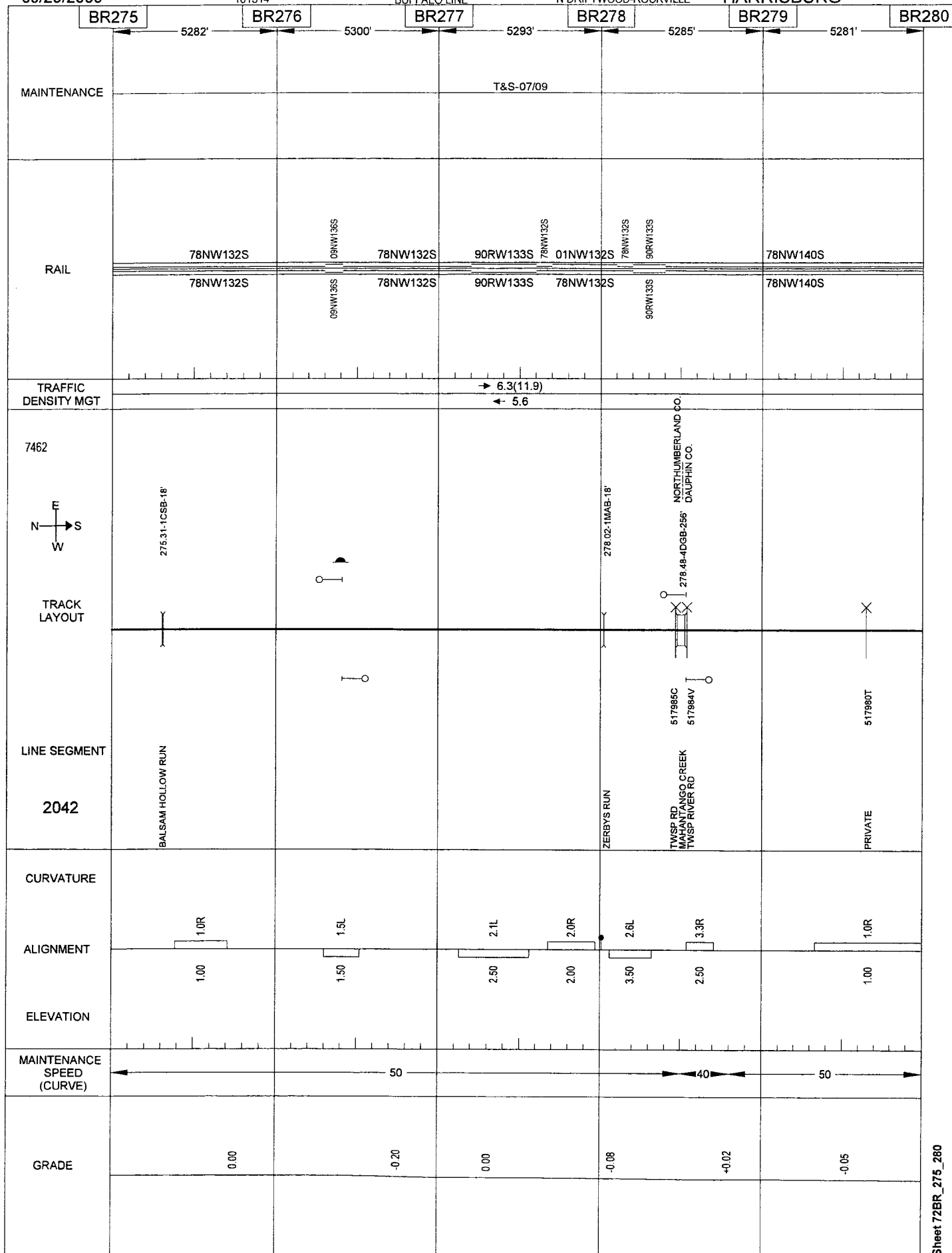
101314

154

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

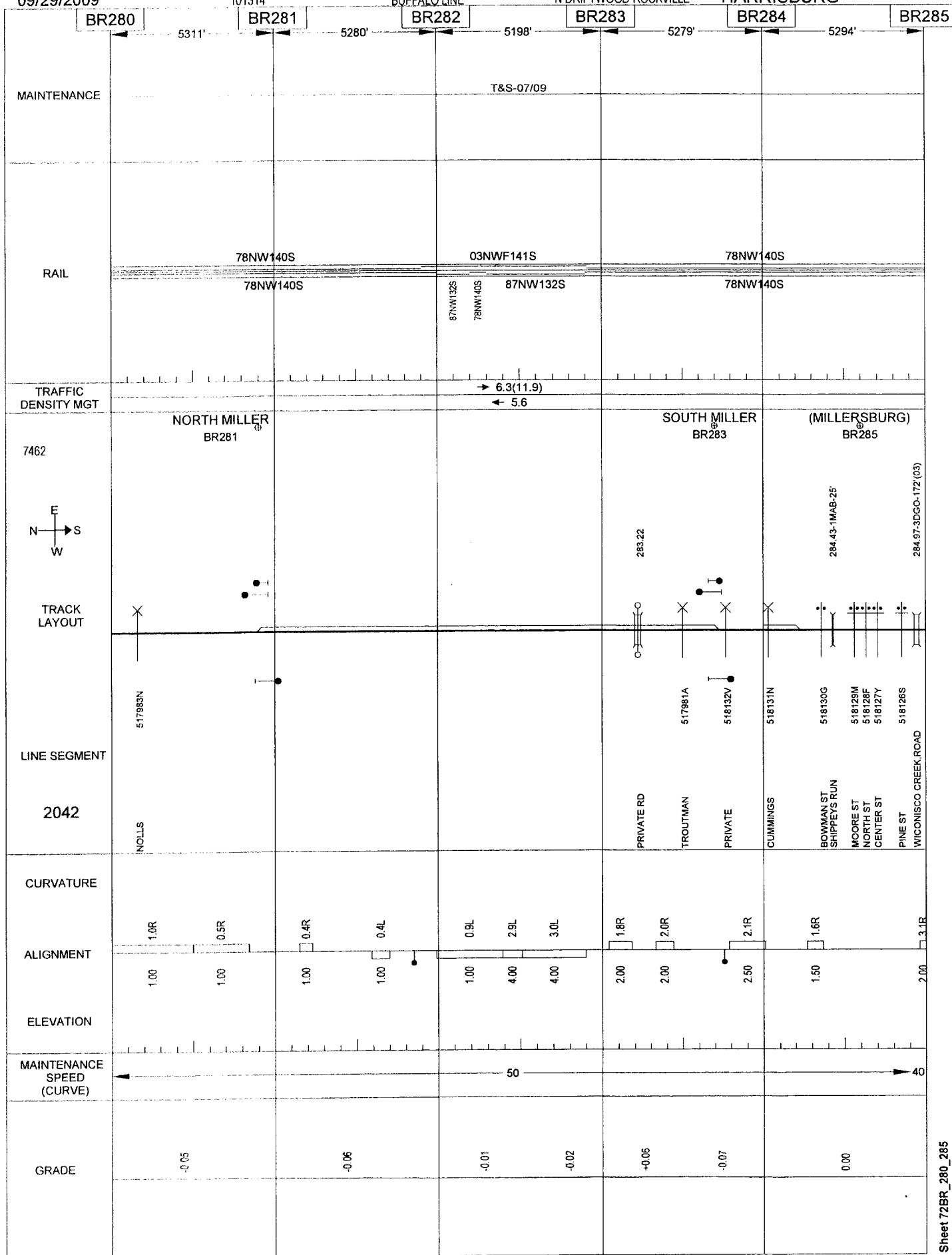
09/29/2009

101314

155
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

BR290

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MAINTENANCE

T&S-07/09

RAIL

82NW132S

78NW132S

TRAFFIC
DENSITY MGT

→ 6.3(11.9)
← 5.6

7462



TRACK LAYOUT

LINE SEGMENT

2042

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

— 50 —

45
(45)

GRADE

-0.05

+0.02

~~60.0~~

-0.03

General Reference Only - Not for Operational Purposes

09/29/2009

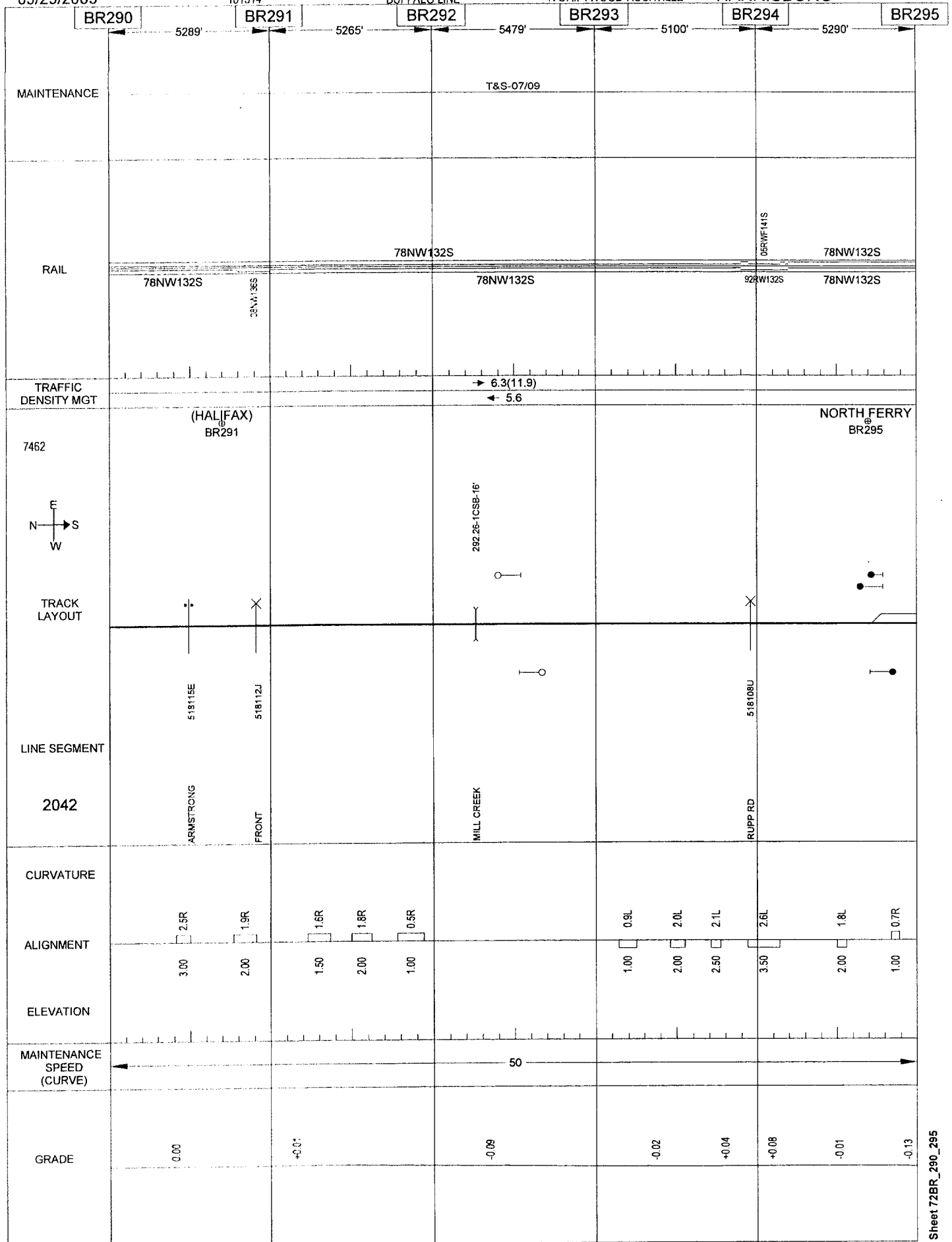
101314

157

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_290_295

09/29/2009

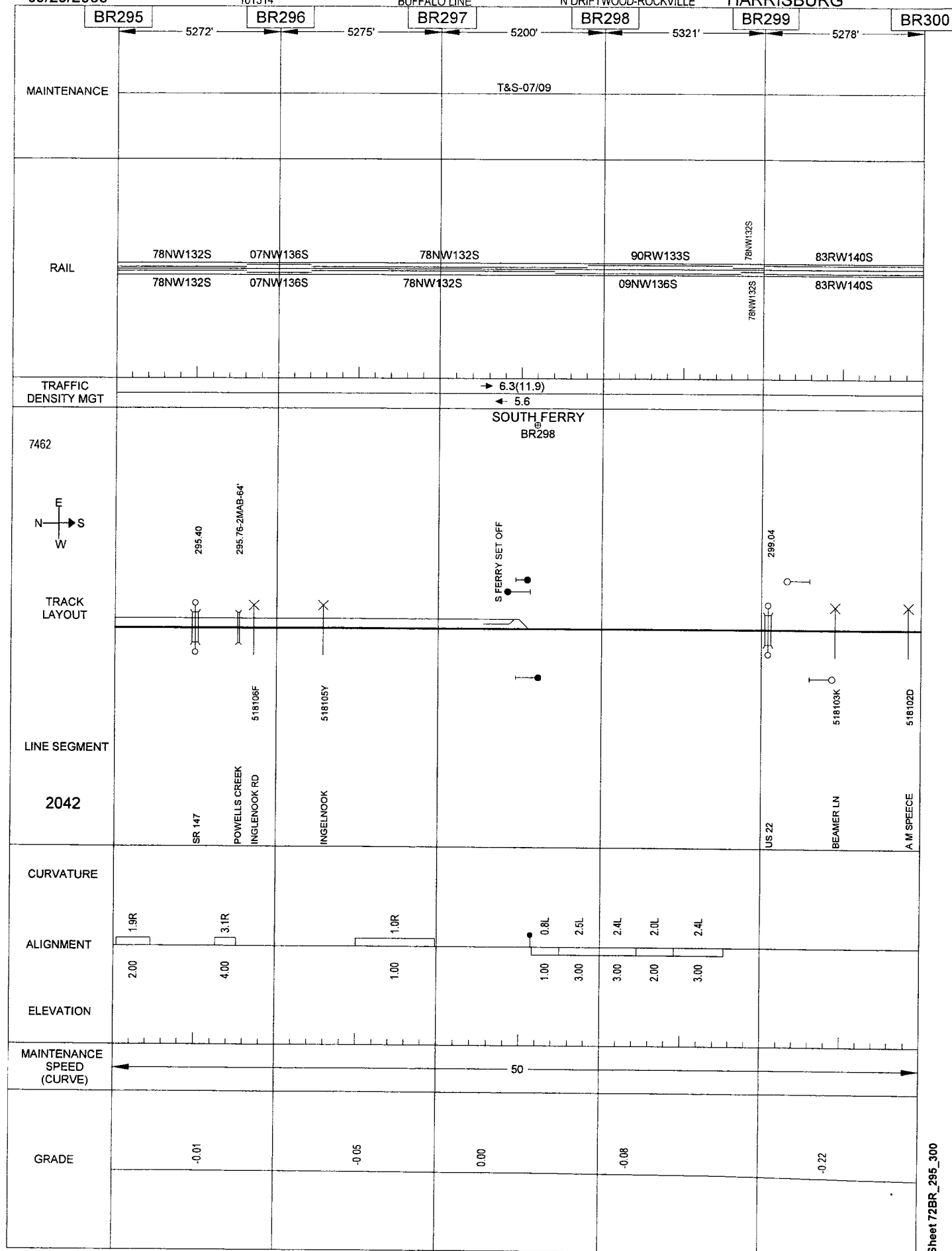
101314

158

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_295_300

09/29/2009

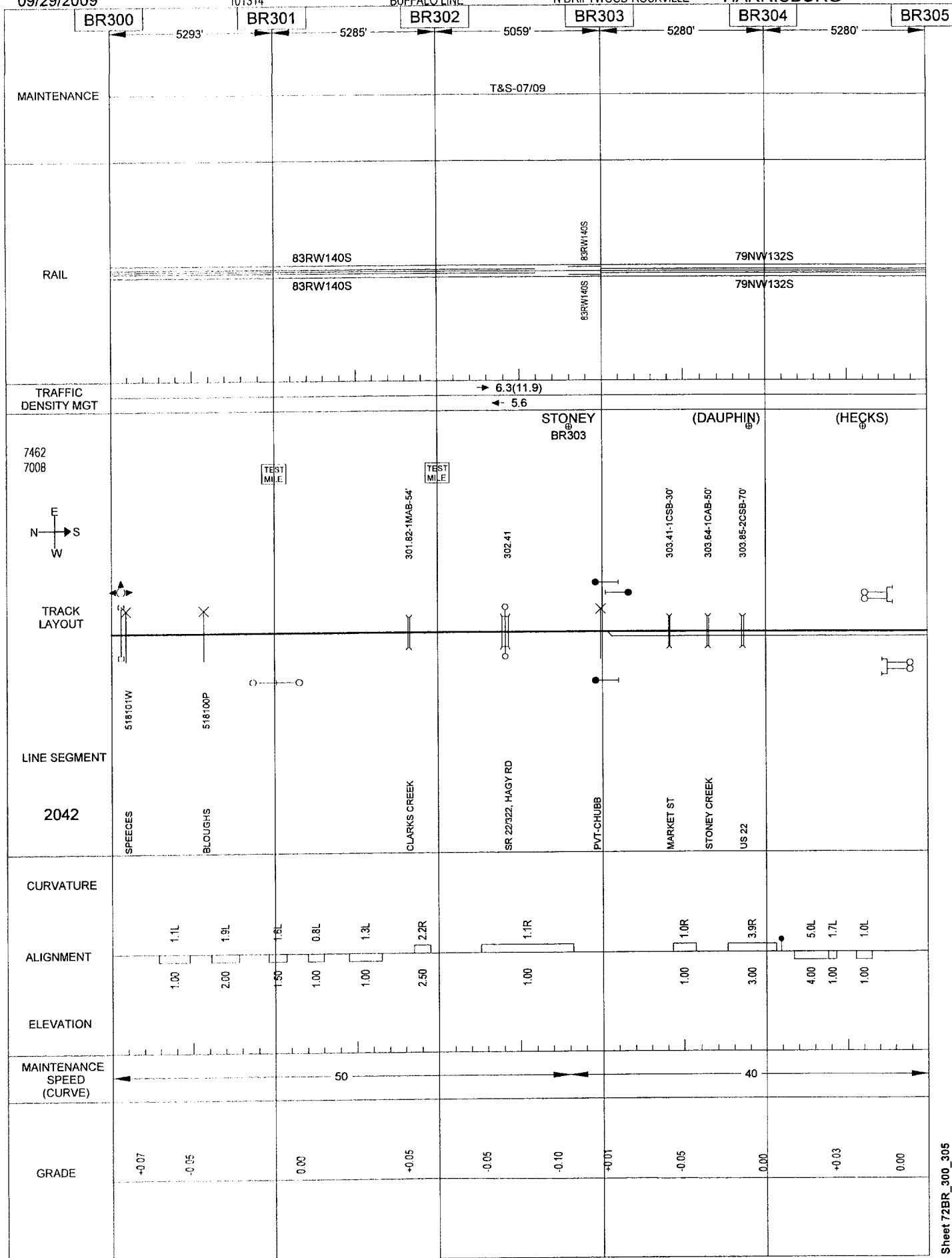
101314

159

BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_300_305

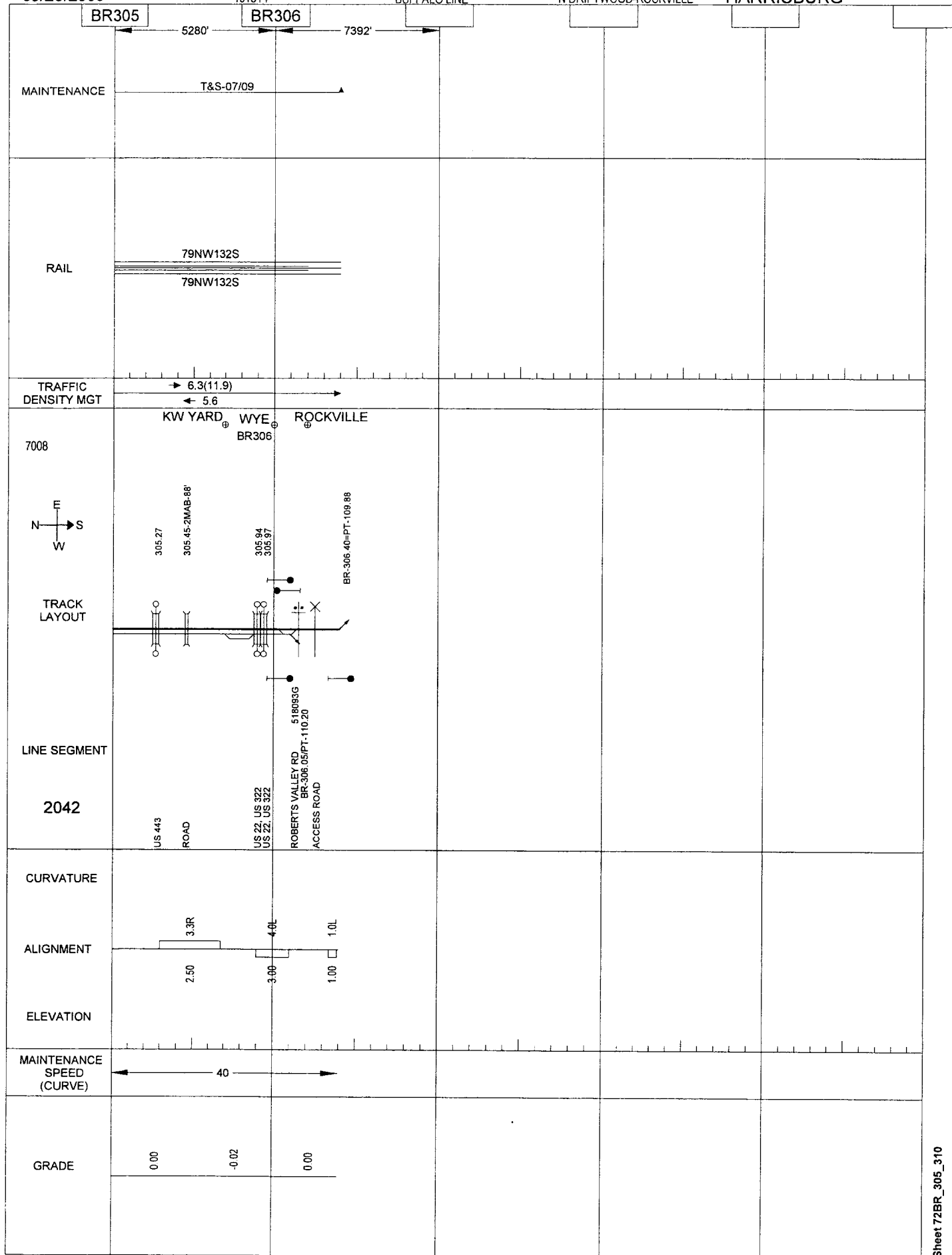
09/29/2009

101314

160
BUFFALO LINE

N DRIFTWOOD-ROCKVILLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_305_310

09/29/2009

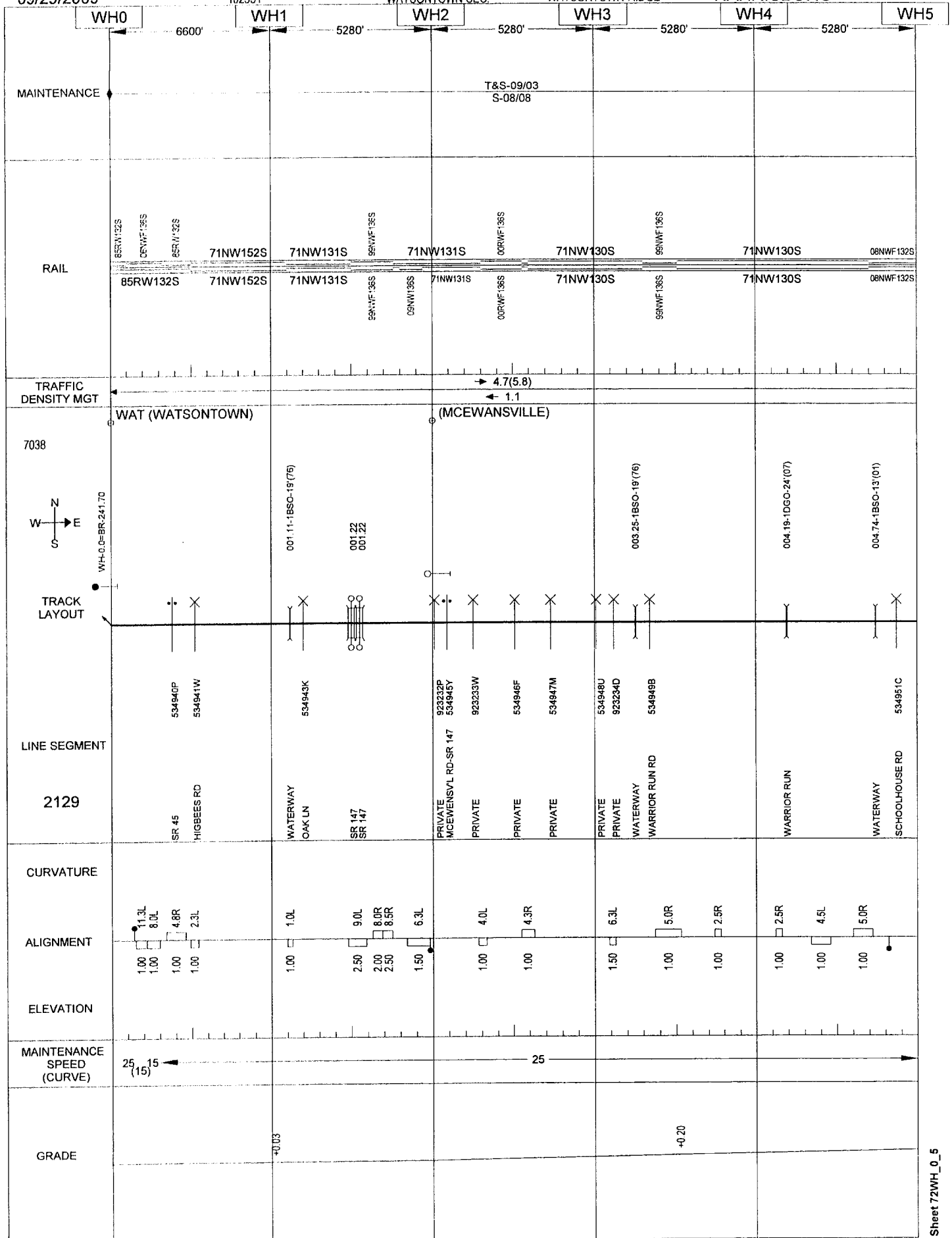
102331

161

WATSON TOWN SEC.

WATSON TOWN-RIDGE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72WH_0_5

09/29/2009

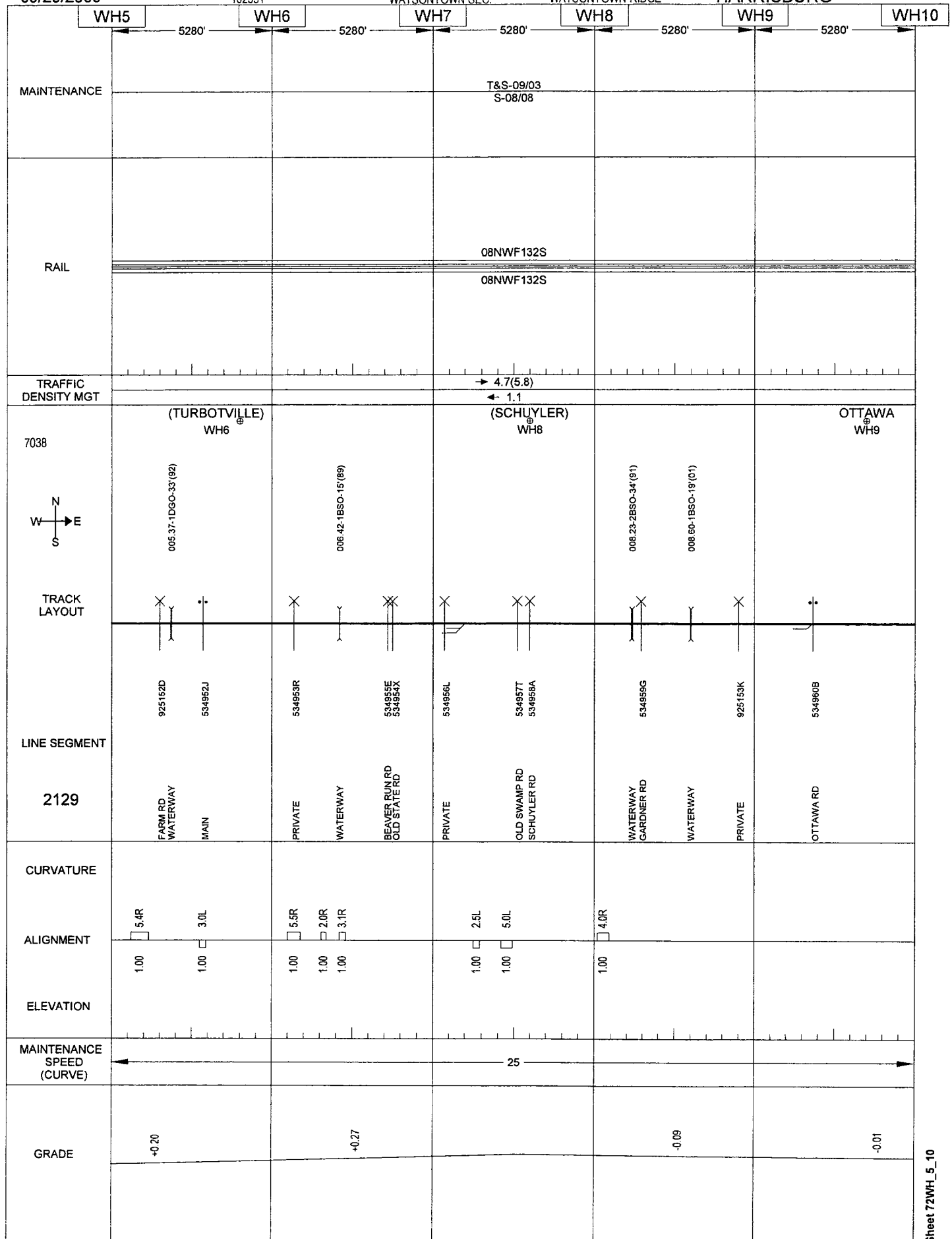
102331

162

WATSON TOWN SEC.

WATSON TOWN RIDGE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72WH_5_10

09/29/2009

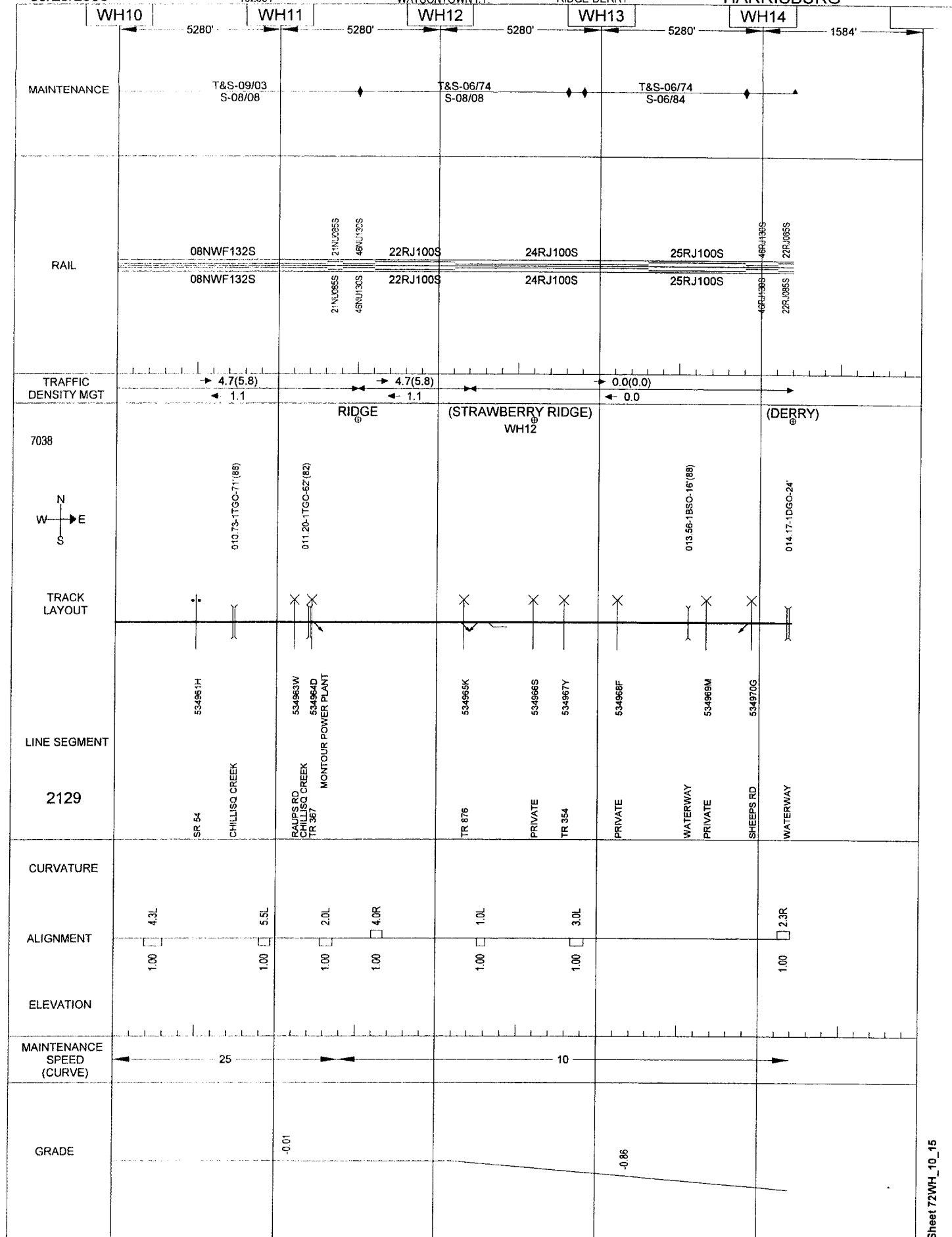
102331

163

WATSON TOWN I.T.

RIDGE-DERRY

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

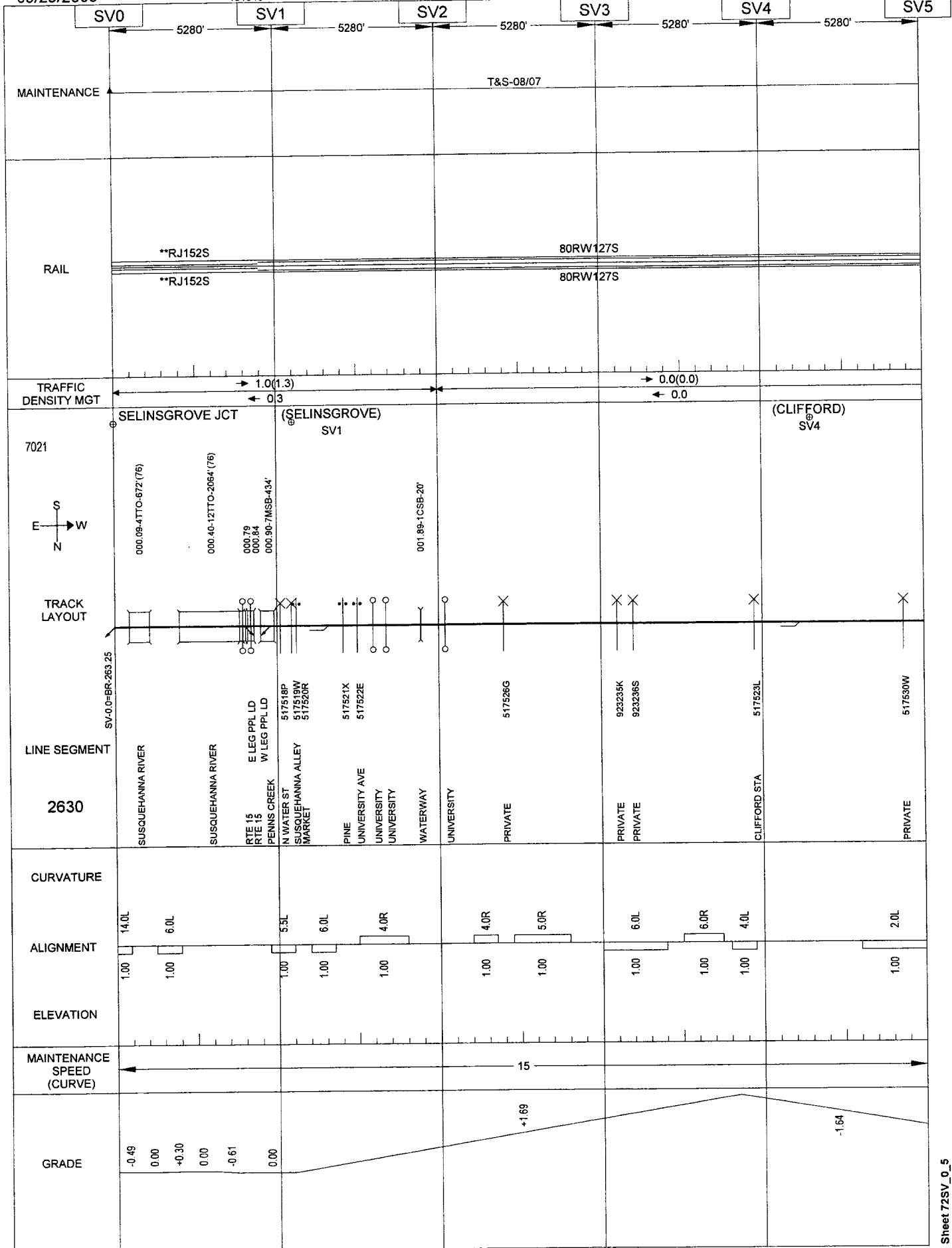
101346

164

SELINGROVE I.T.

SELINGROVE JCT-KREAMER

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

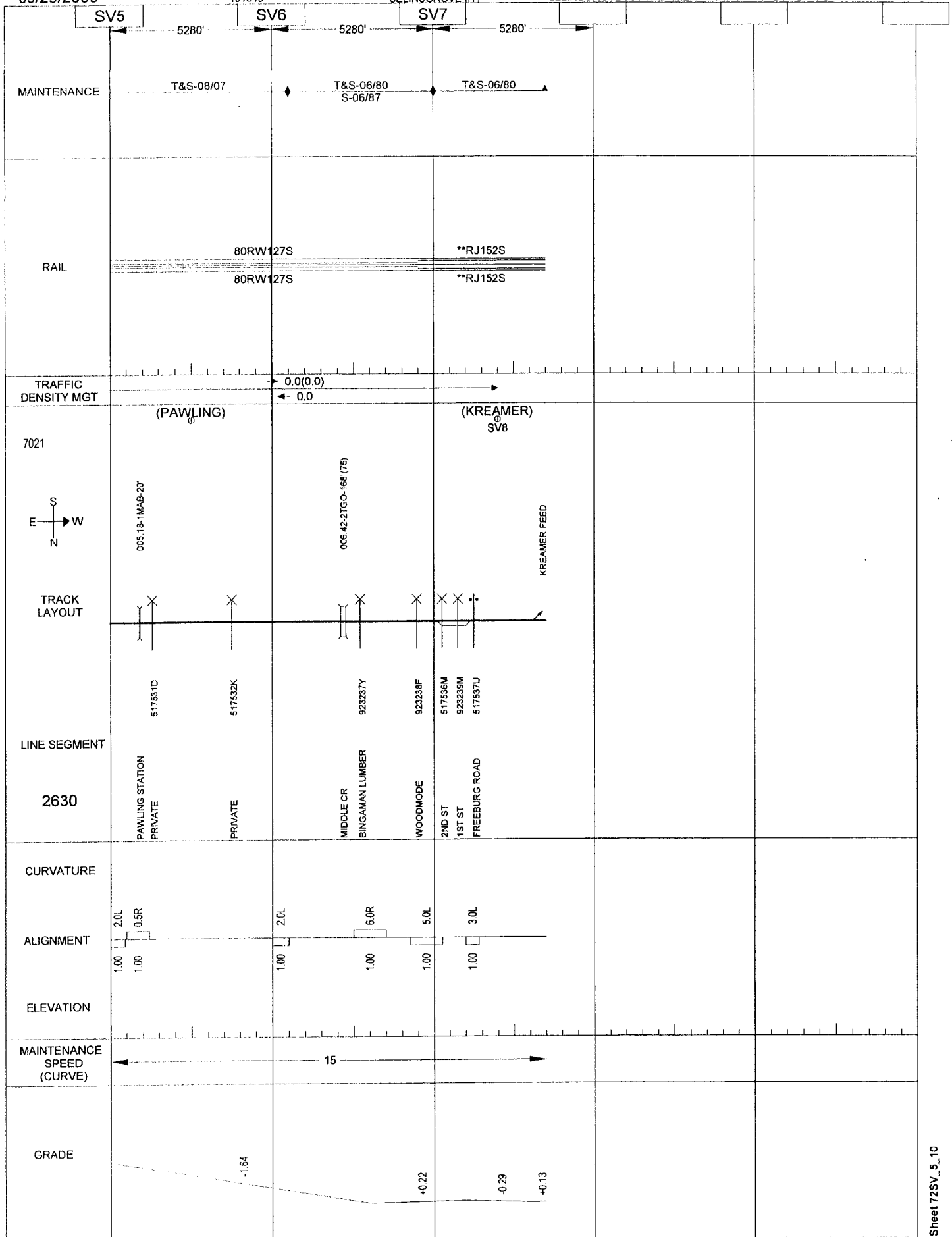
101346

165

SELINGROVE J.T.

SELINGROVE JCT-KREAMER

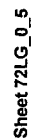
HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SV_5_10

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

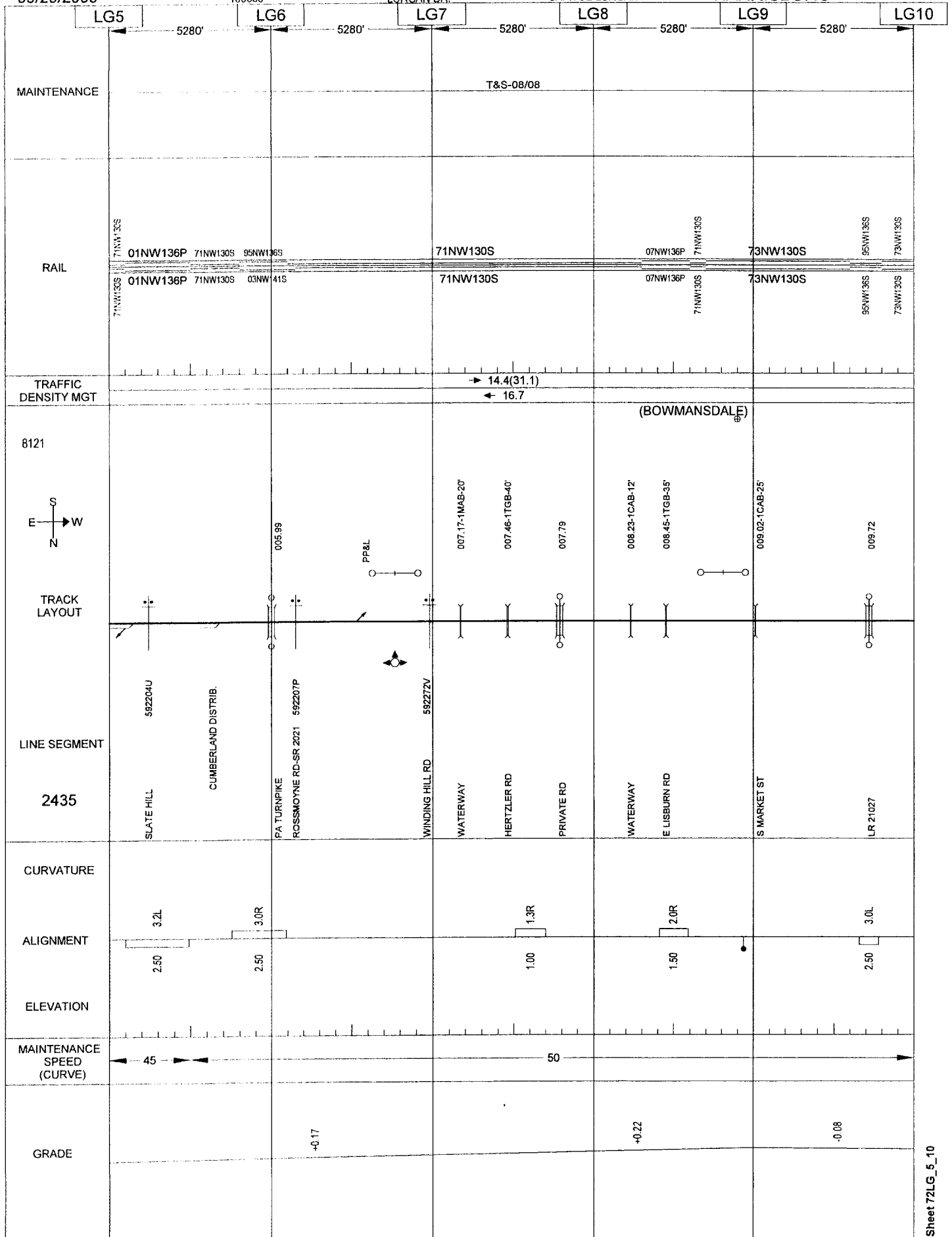
100333

167

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LG_5_10

09/29/2009

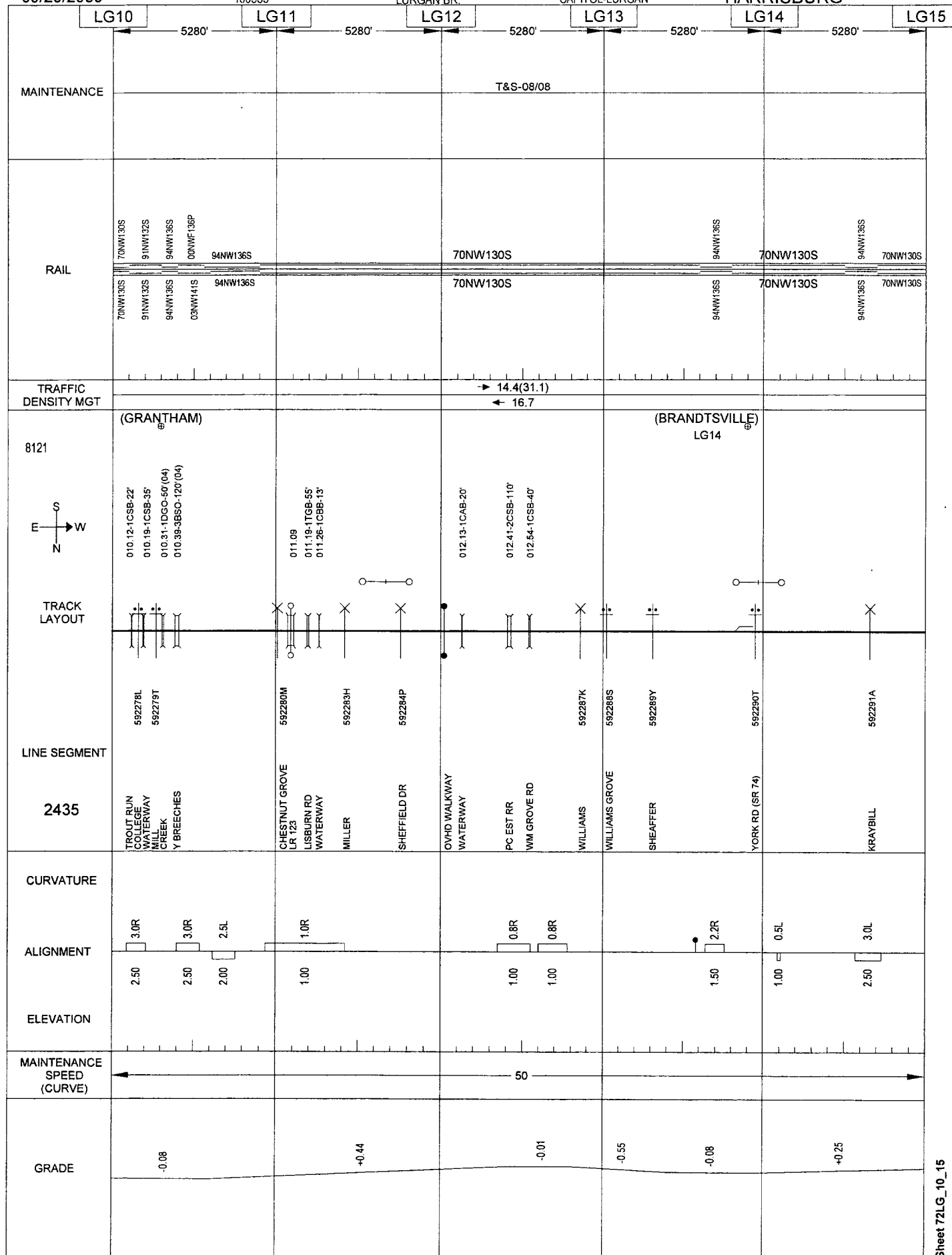
100333

168

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LG_10_15

09/29/2009

100333

169

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG

LG15

LG16

LG17

LG18

LG19

LG20

5280'

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-08/08

T&S-09/06
S-04/09

RAIL

70NW130S

95NW136S

50RW131S

04NW141S

70NW130S

93NW136S

70NW130S

95NW136S

70NW130S

00NW136S

68RW130S

92NW136S

70NW130S

95NW136S

04NW141S

70NW130S

93NW136S

70NW130S

95NW136S

70NW130S

68RW130S

92NW136S

TRAFFIC
DENSITY MGT

→ 14.4(31.1)

← 16.7

(BOILING SPRINGS)

SPRING

8121



015.17-3DGB-135'

015.45-1CSB-25'

015.54-3MSB-180' (08)

019.29-1DGO-50' (02)

019.36-1BSC-24' (04)

TRACK
LAYOUT

592292G

592293N

592294V

592295C

592296J

592298X

592299E

592300W

LINE SEGMENT

2435

CREEK RD
Y BREECHES

WATERWAY
LEIGH DR
YELLOW BREECHES CRK

LEAR

CRISWELL RD

MOUNTAIN RD

TANGER

OTTO

OTTO

TARKILM RUN
PETERSBURG RD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

2.0R

3.0R

2.0L

1.0R

4.3L

6.0R

4.0L

4.3R

3.0R

1.00

2.00

1.00

1.00

3.50

4.00

2.50

3.50

2.00

50

45

40

35

(35)

40

50

(40)

40

+0.49

General Reference Only - Not for Operational Purposes

Sheet 72LG_15_20

09/29/2009

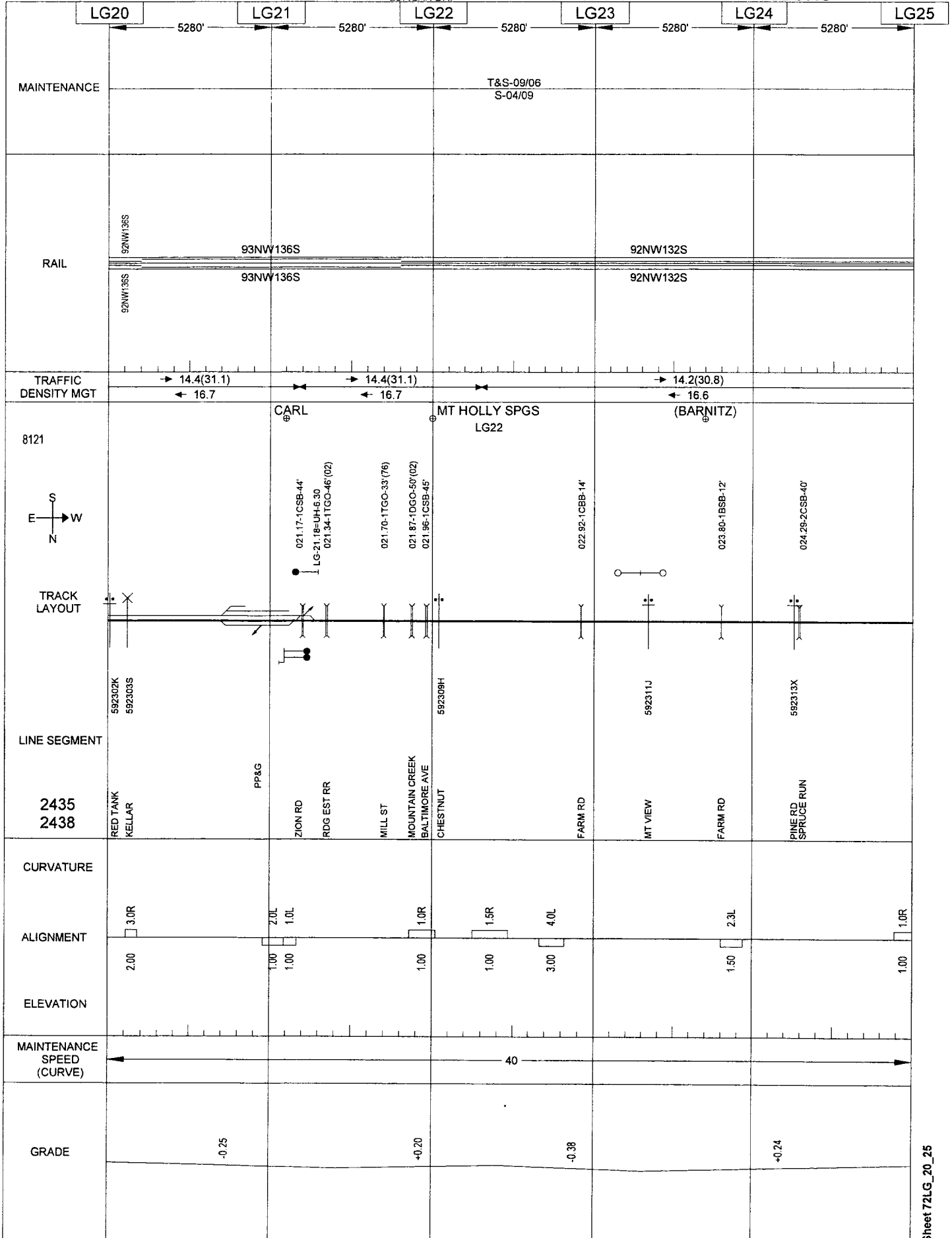
100333

170

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

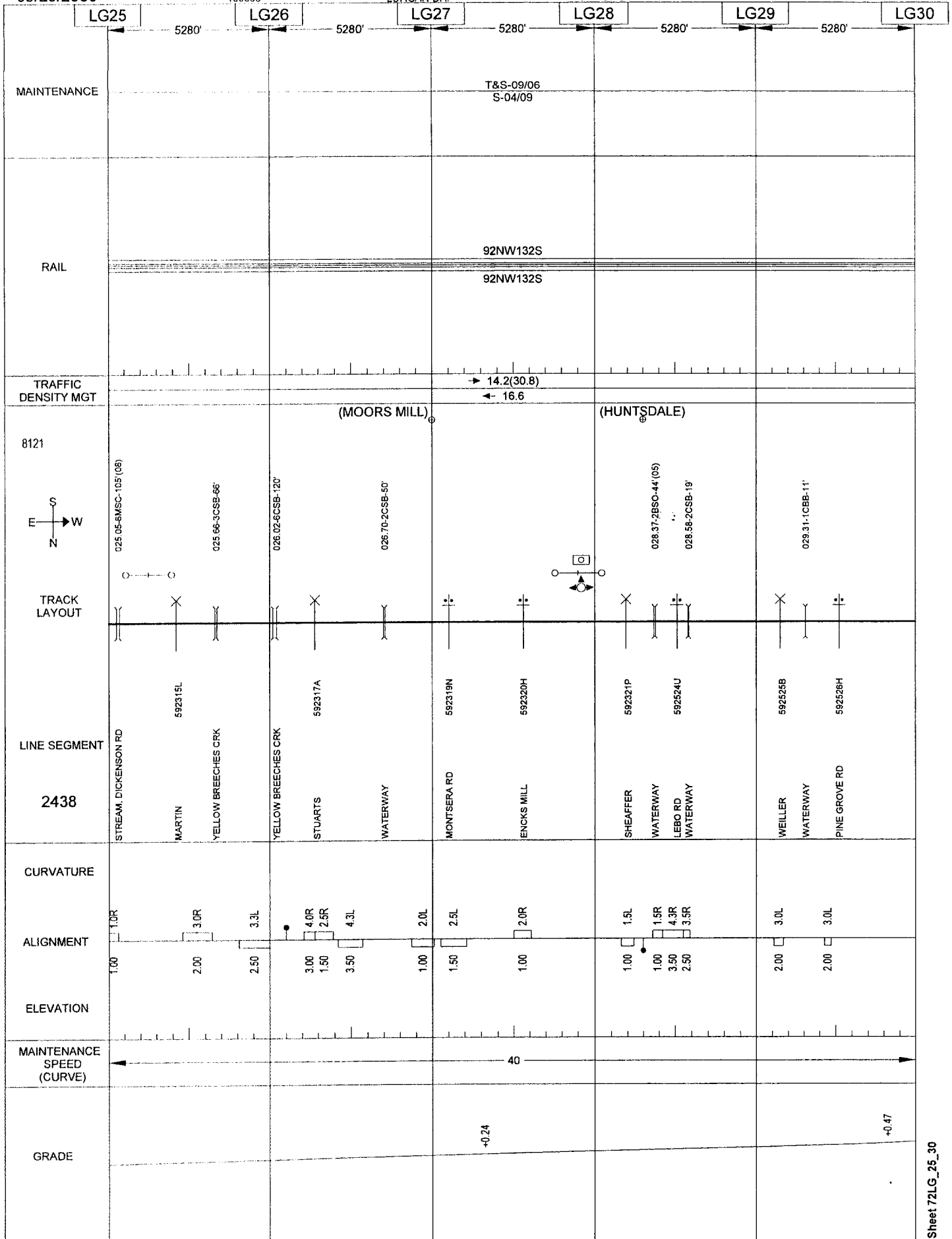
100333

171

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LG_25_30

09/29/2009

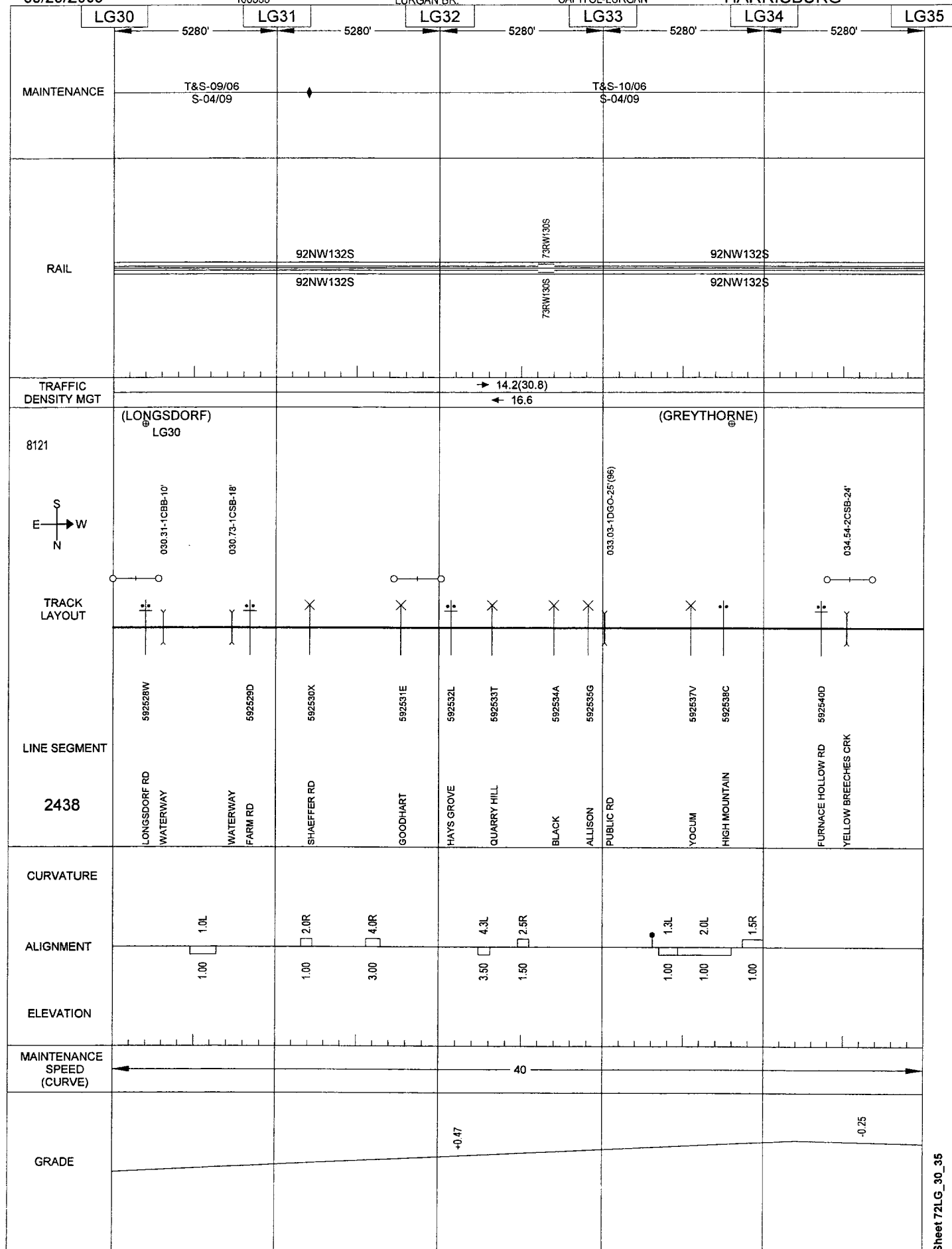
100333

172

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



General Reference Only - Not for Operational Purposes

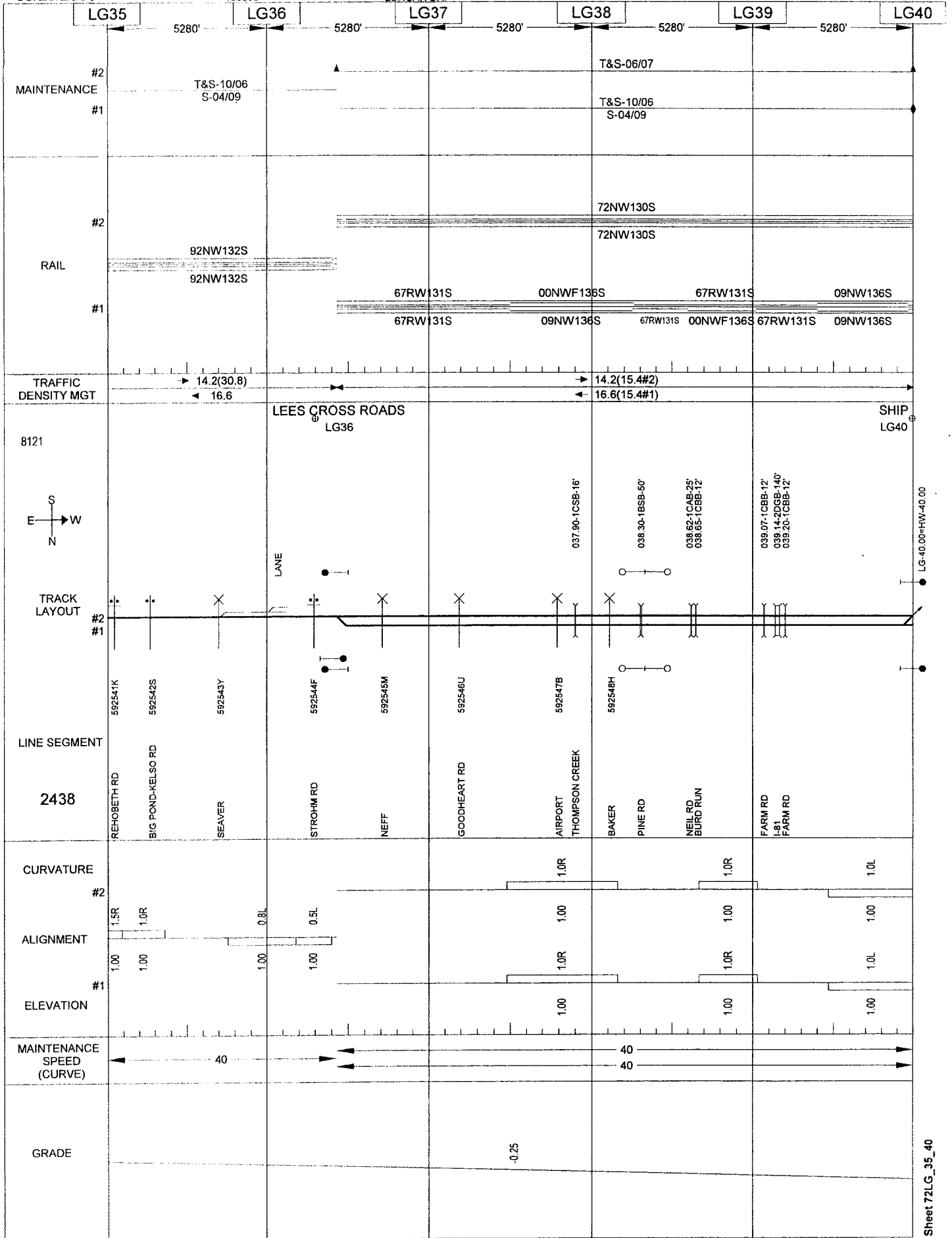
09/29/2009

100333

173
LURGAN BR

CAPITOL-LURGAN

HARRISBURG



Sheet 72LG_35_40

General Reference Only - Not for Operational Purposes

09/29/2009

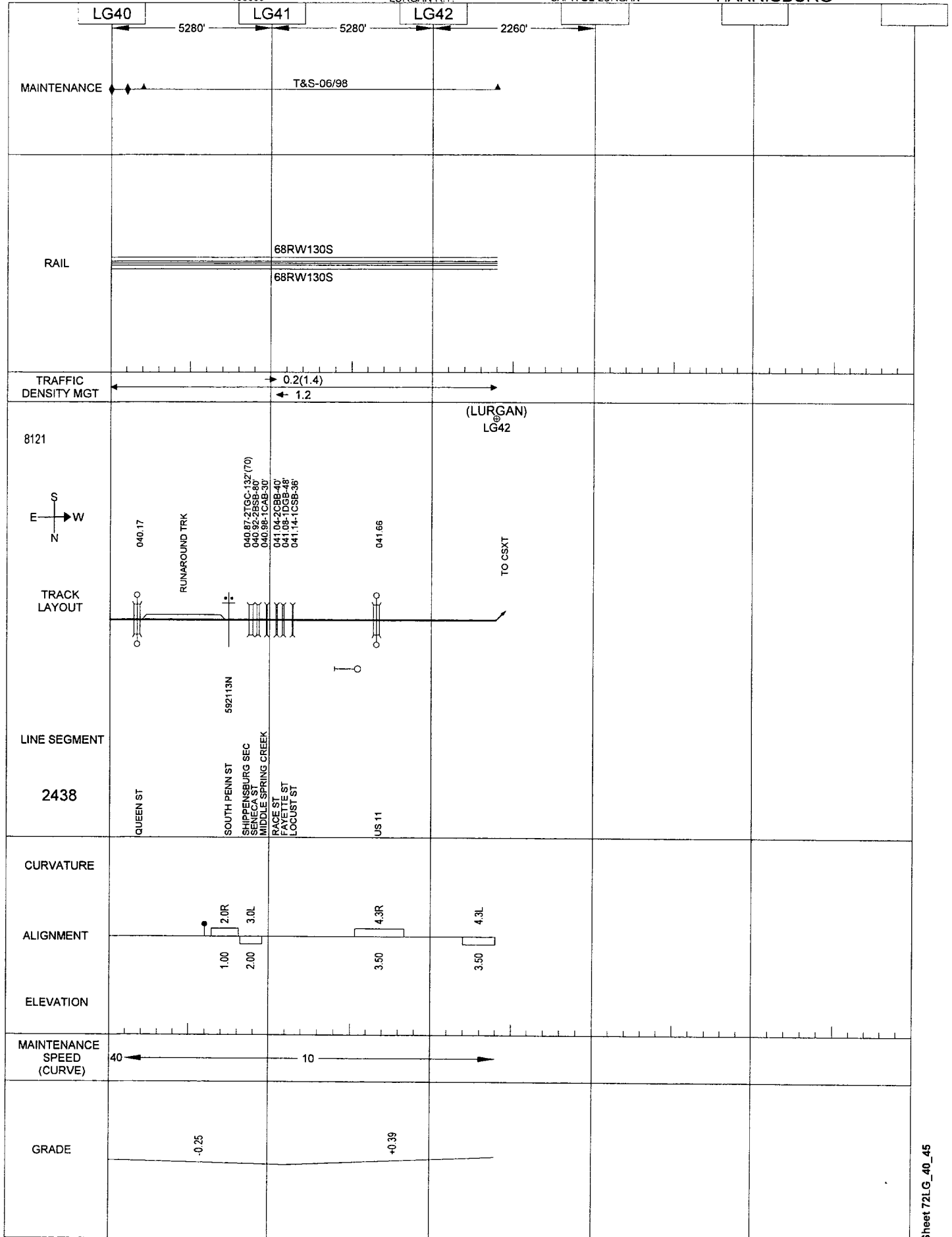
100333

174

LURGAN R.T.

CAPITOL-LURGAN

HARRISBURG



General Reference Only - Not for Operational Purposes

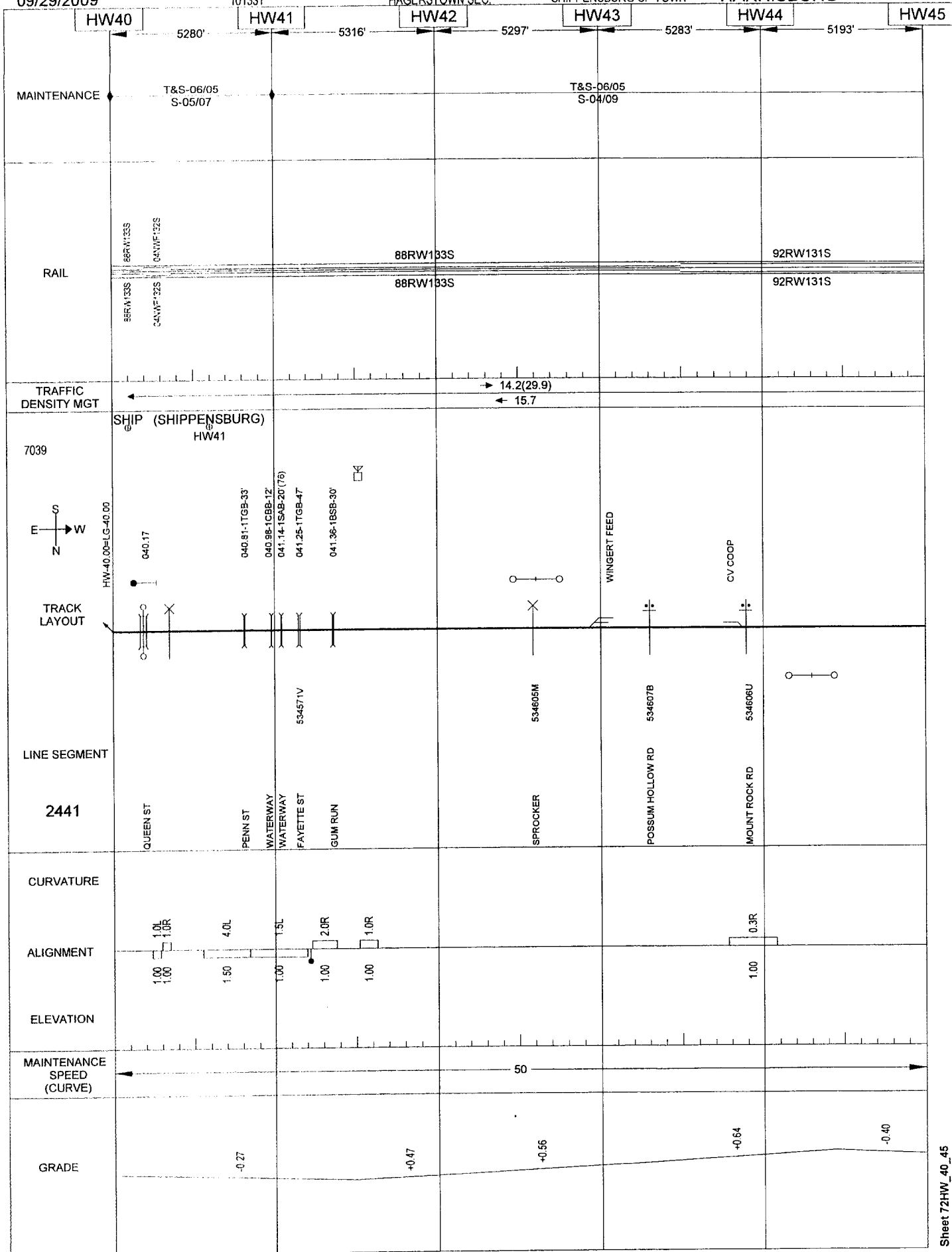
09/29/2009

175

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72HW_40_45

09/29/2009

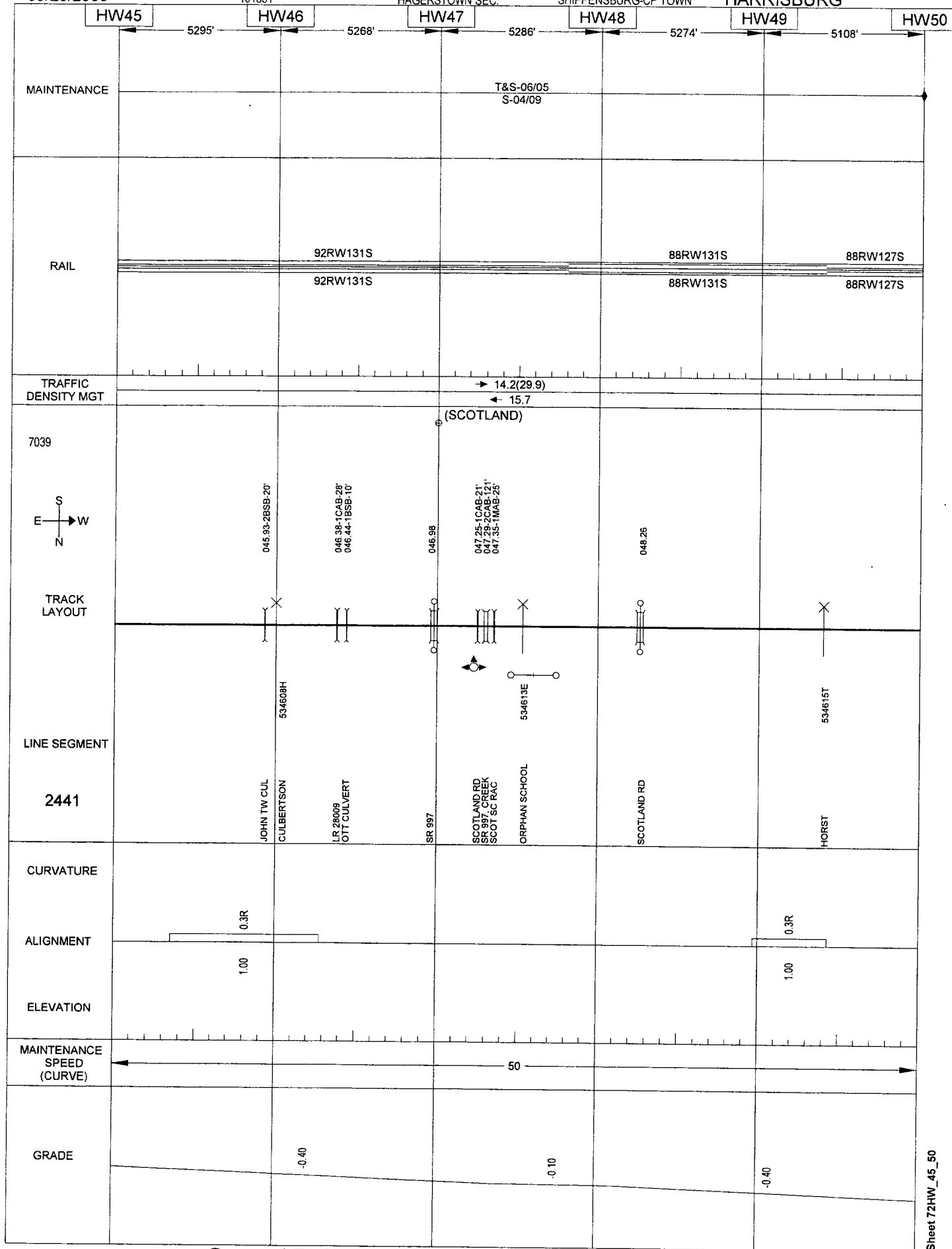
101331

176

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72HW_45_50

09/29/2009

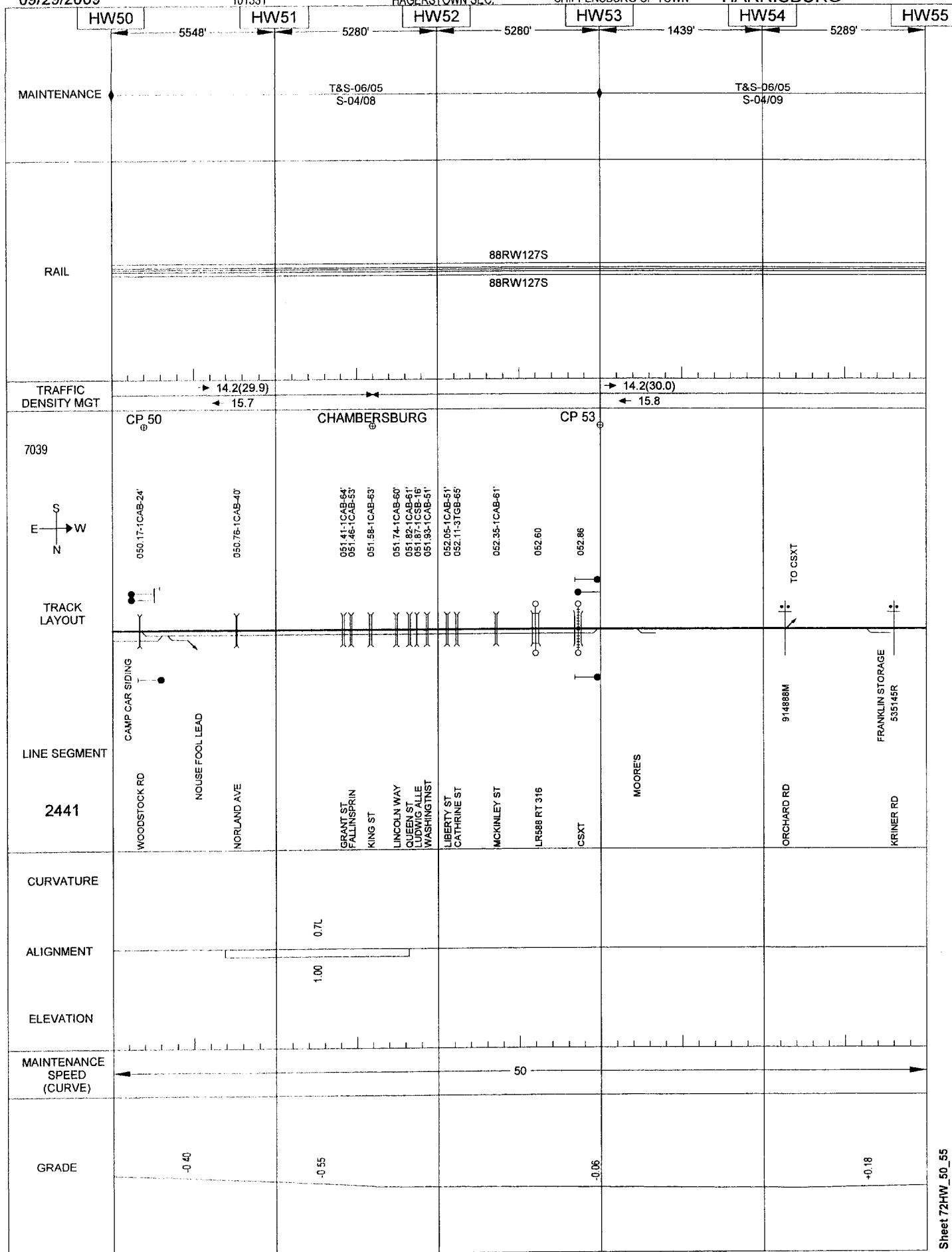
101331

177

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72HW_50_55

09/29/2009

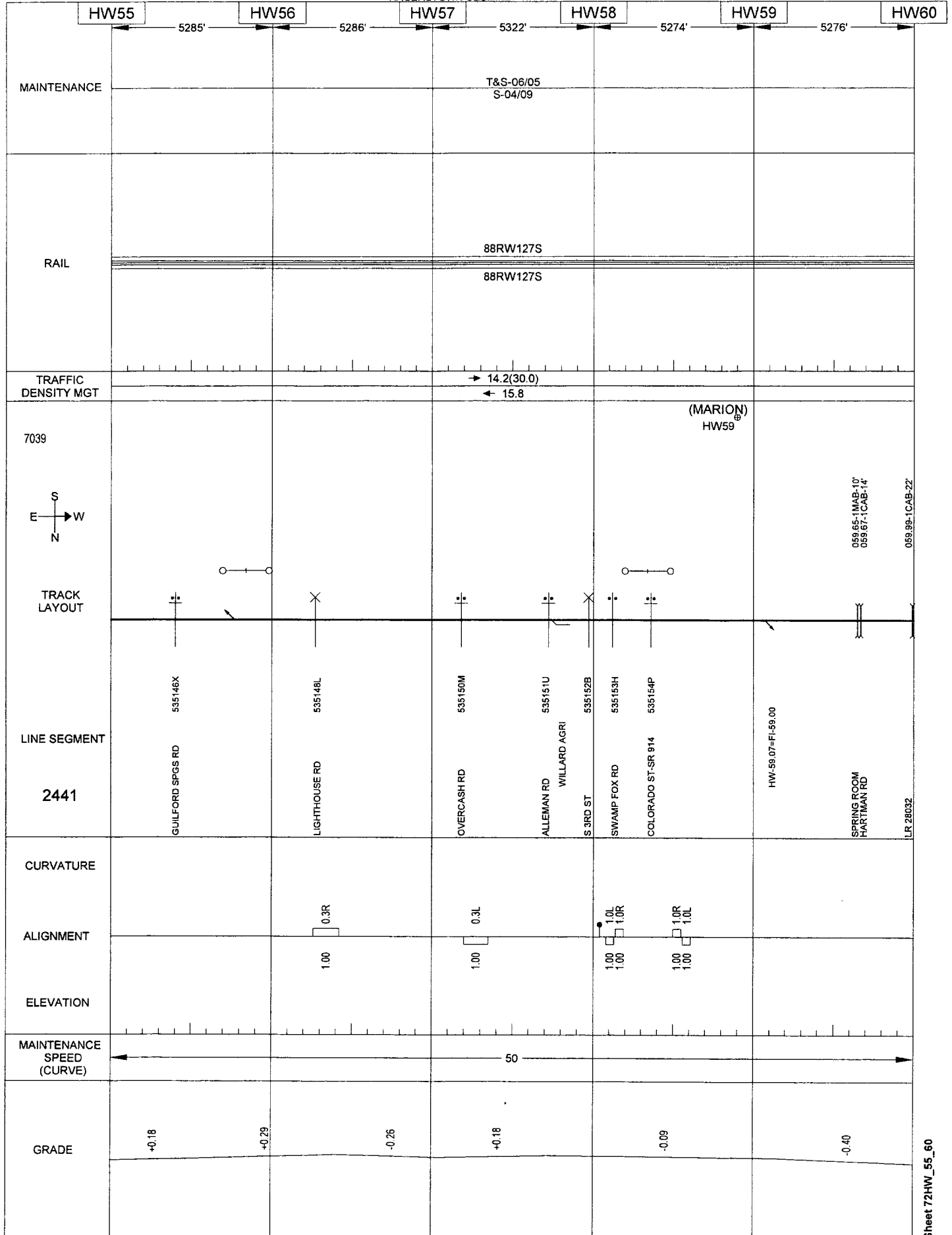
101331

178

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

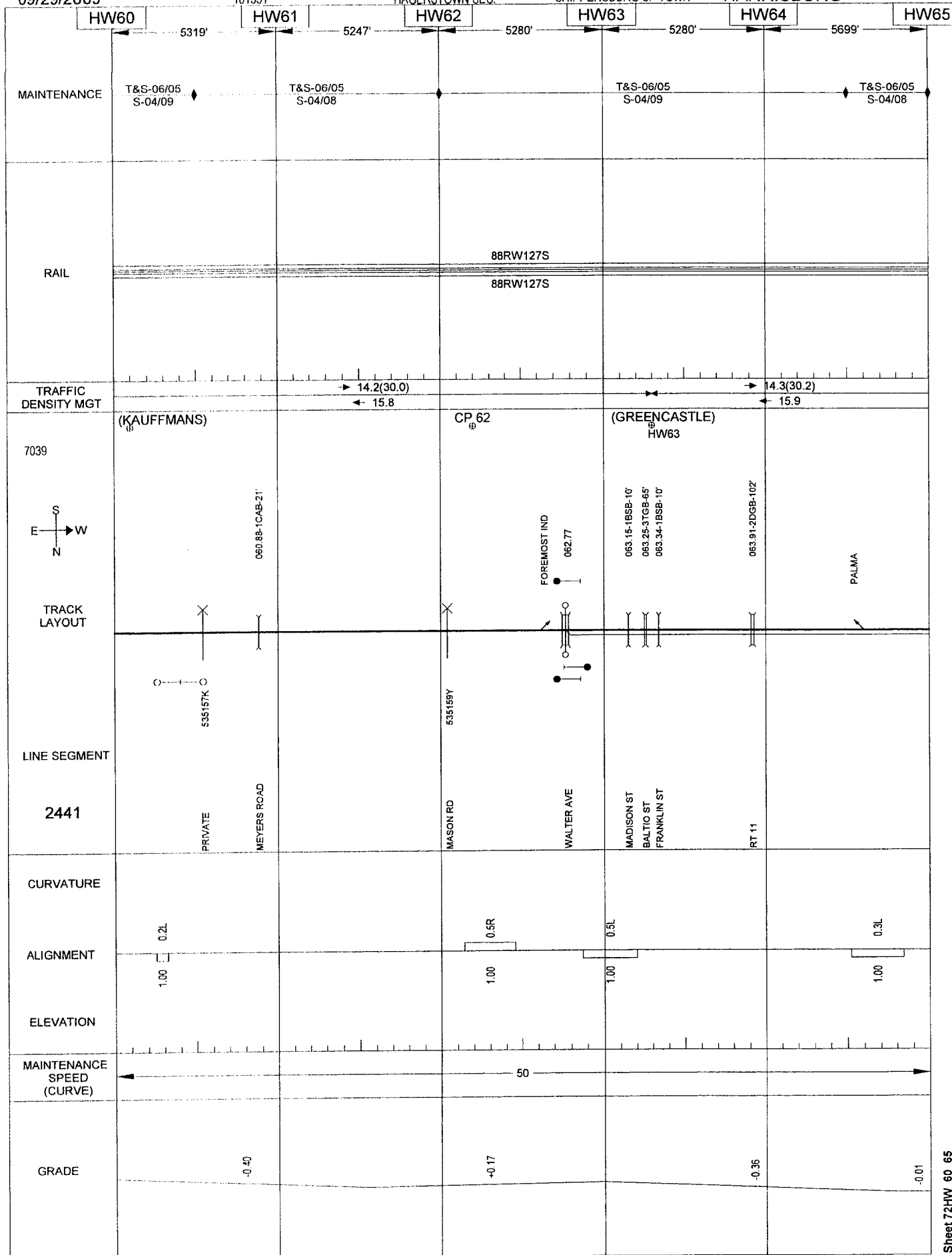
101331

179

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

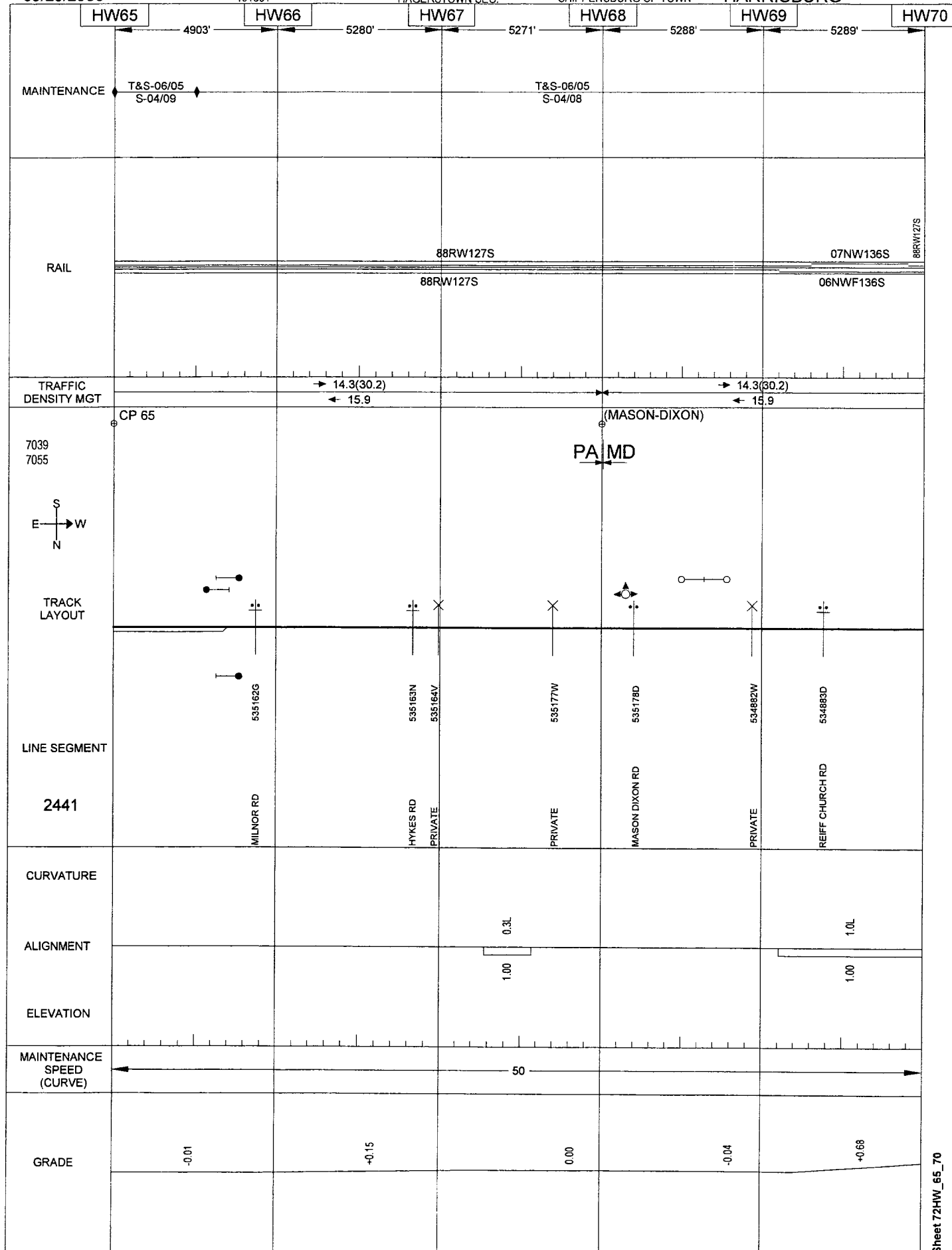
101331

180

HAGERSTOWN SEC.

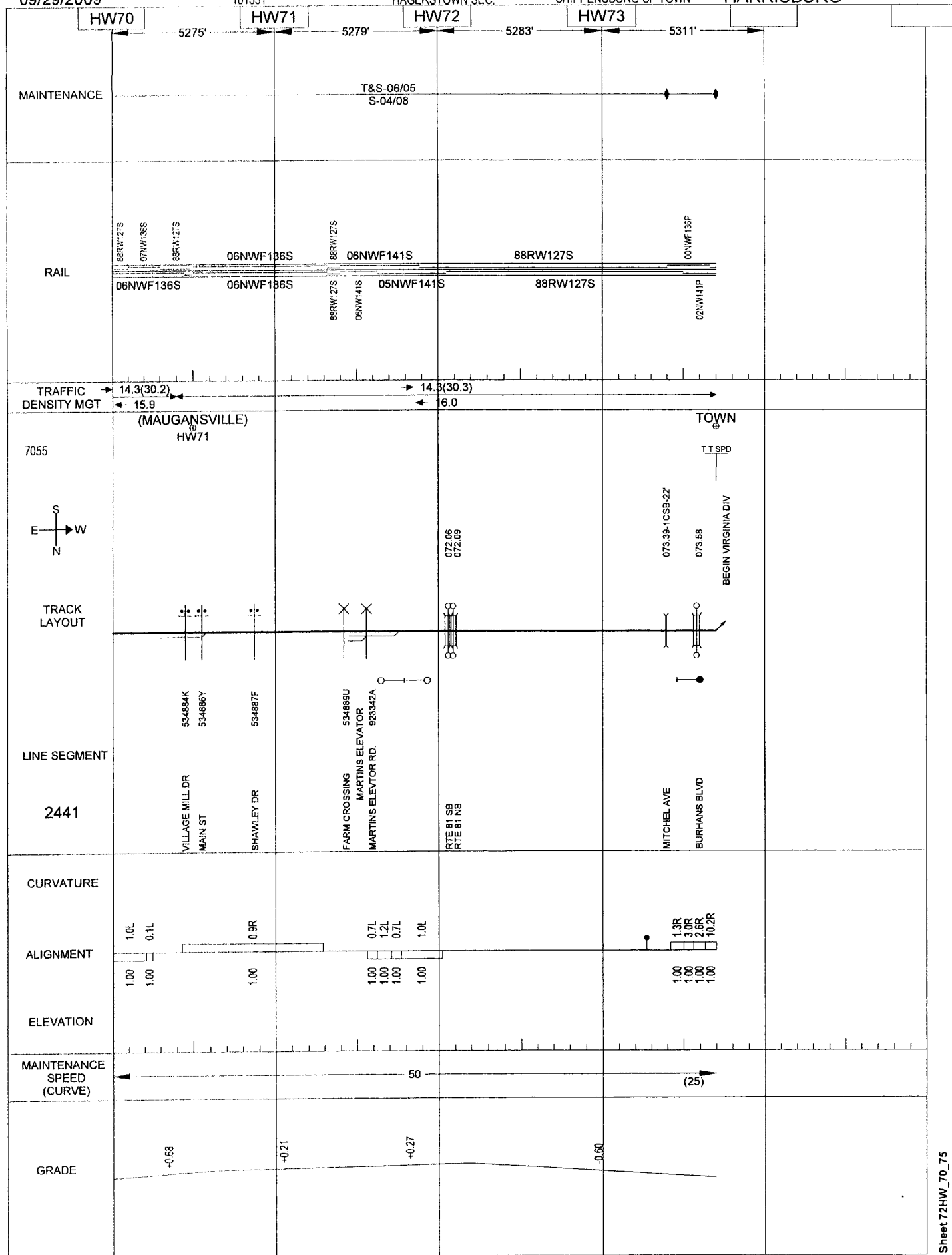
SHIPPENSBURG-CP TOWN

HARRISBURG



Sheet 72HW_65_70

General Reference Only - Not for Operational Purposes



General Reference Only - Not for Operational Purposes

09/29/2009

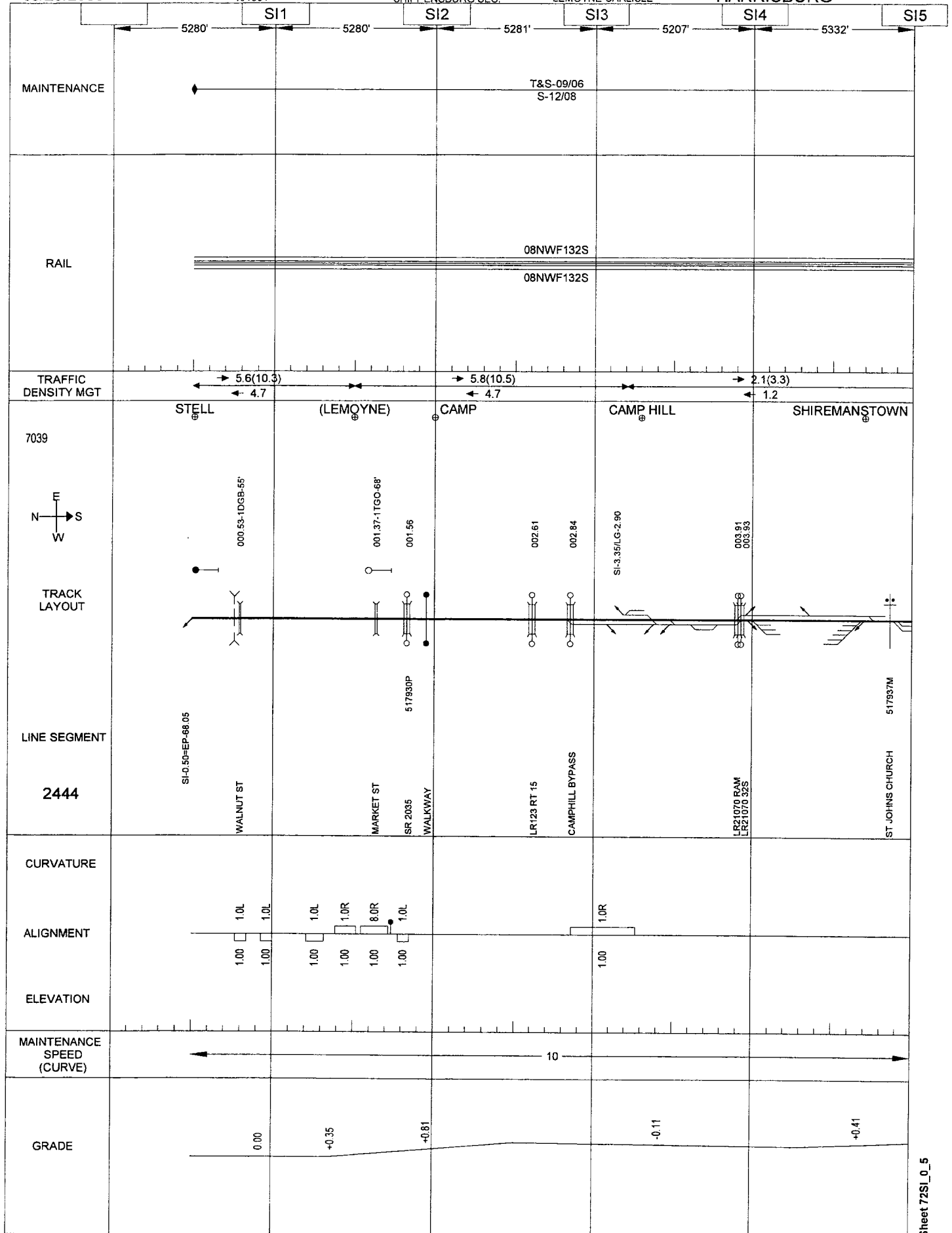
101331

182

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SJ_0_5

09/29/2009

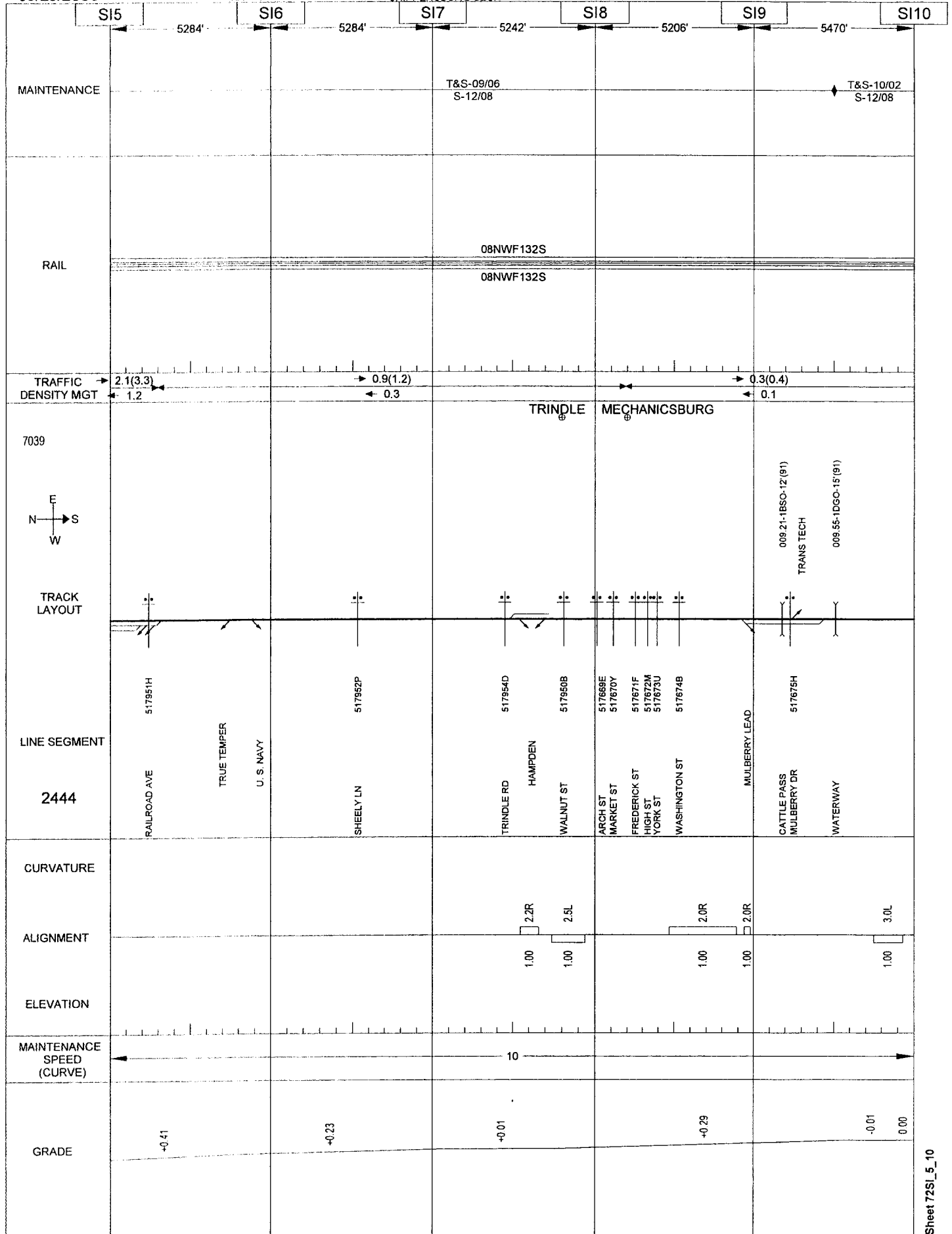
101331

183

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SL_5_10

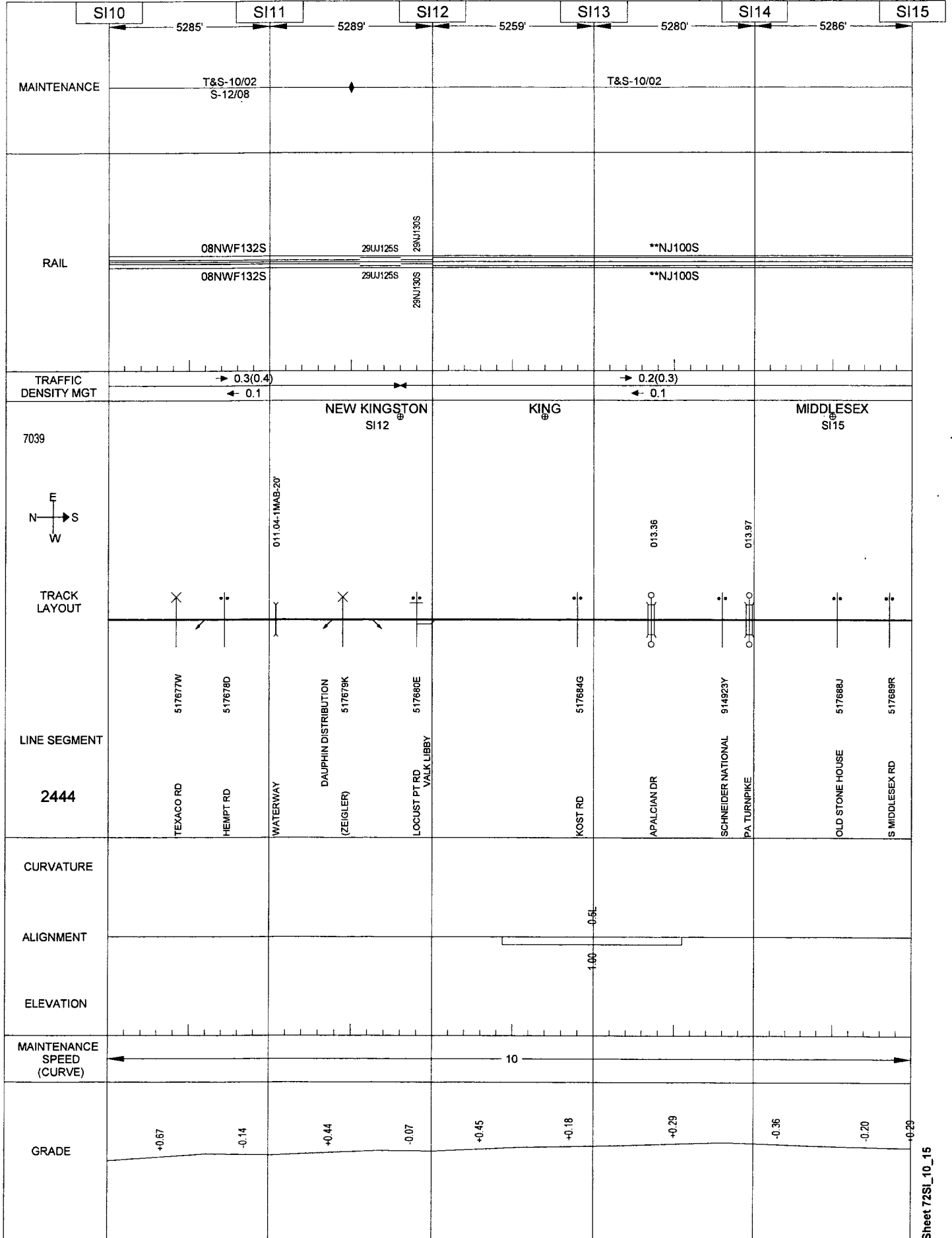
09/29/2009

101331

184
SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SJ_10_15

09/29/2009

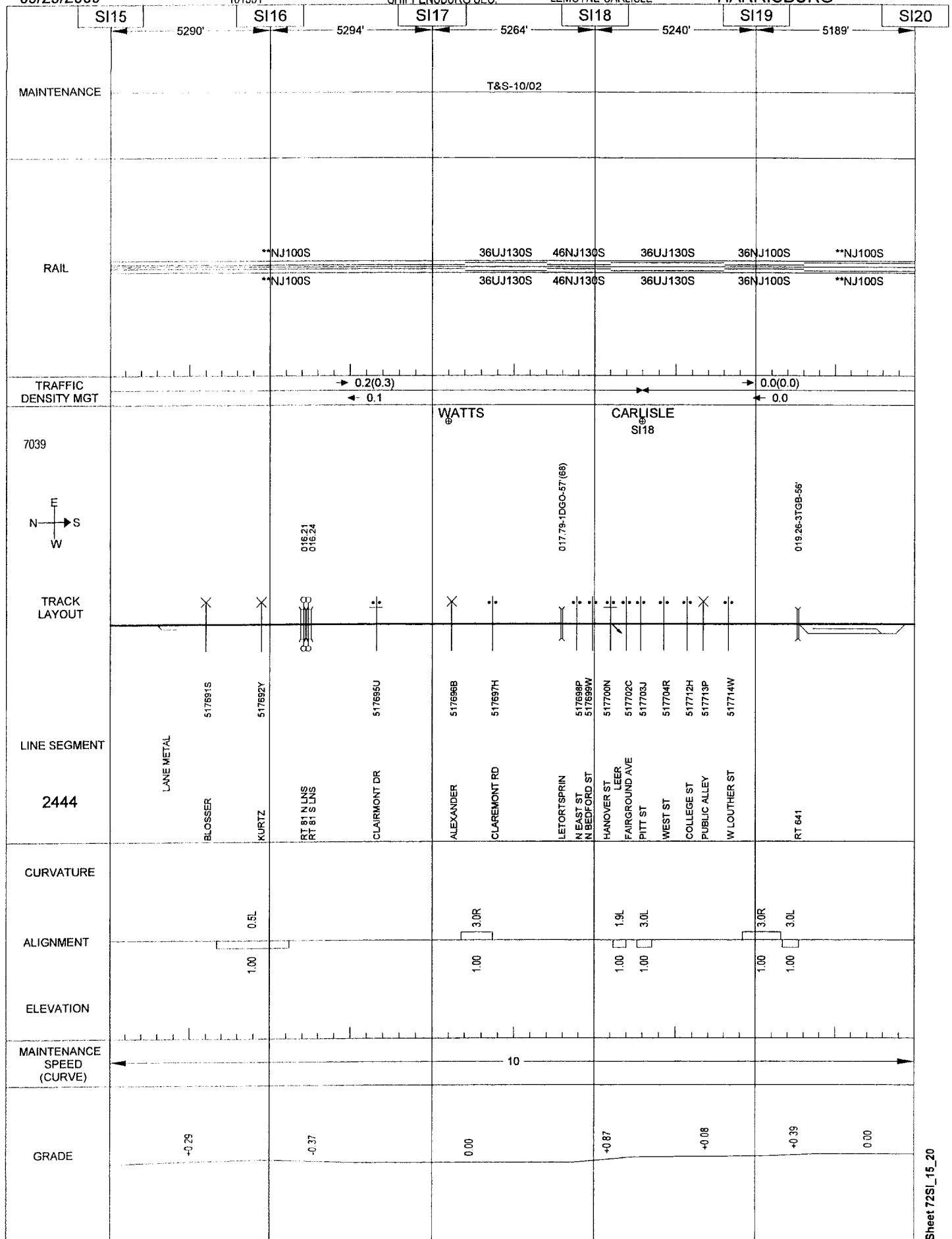
101331

185

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SI_15_20

09/29/2009

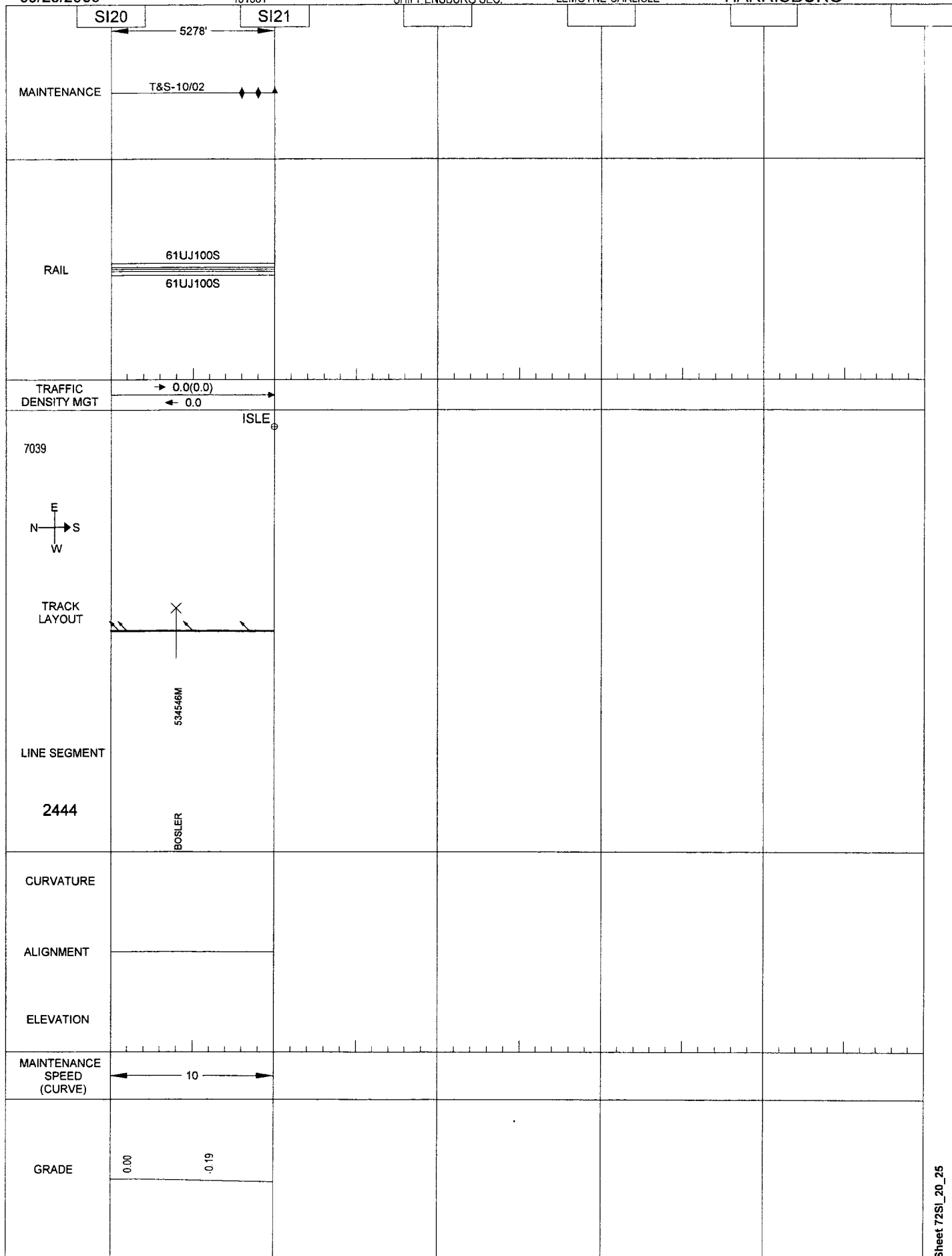
101331

186

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

100315

187

GETTYSBURG I.T.

CARL-MT. HOLLY SPRINGS

HARRISBURG

UH7

5280'

4752'

T&S-06/72

MAINTENANCE

RAIL

70NJ130S

70NJ130S

TRAFFIC
DENSITY MGT

CP CARL
PT21

(MT HOLLY SPGS)

8134

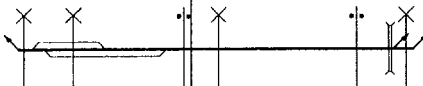


TRACK
LAYOUT

UH 530-LG-21.18

007 80-1DGO-57 (87)

TO GETTYSBURG RR



923241N

923242V

593362X

593361R

593363E

593364L

LINE SEGMENT

2651

PRIVATE

PRIVATE

PINE

MOUNTAIN

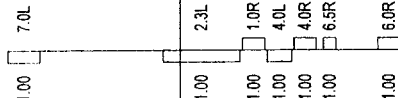
BALTIMORE AVE-SR 34

TAIL RACE

DIKEMAN

CURVATURE

ALIGNMENT



ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

+0.21

+0.40

General Reference Only - Not for Operational Purposes

Sheet 72UH_5_10

09/29/2009

100307

188

CHESTER VALLEY R.T.

ACKWORTH-DOWNINGTOWN

HARRISBURG

VR20

5280'

T&S-06/88

MAINTENANCE

RAIL

64NJ130S
66NJ090S
73NJ130S
64NJ130S
66NJ090S
73NJ130STRAFFIC
DENSITY MGT

(ACKWORTH)

8138

S
E → W
NTRACK
LAYOUT

LINE SEGMENT

2339

923246X
589875P
589874H
PRIVATE
BRADFORD HILLS
CONVEYOR
ACKWORTH RD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

2.3R
1.00

10

+0.22

0.00

General Reference Only - Not for Operational Purposes

Sheet 72VR_15_20

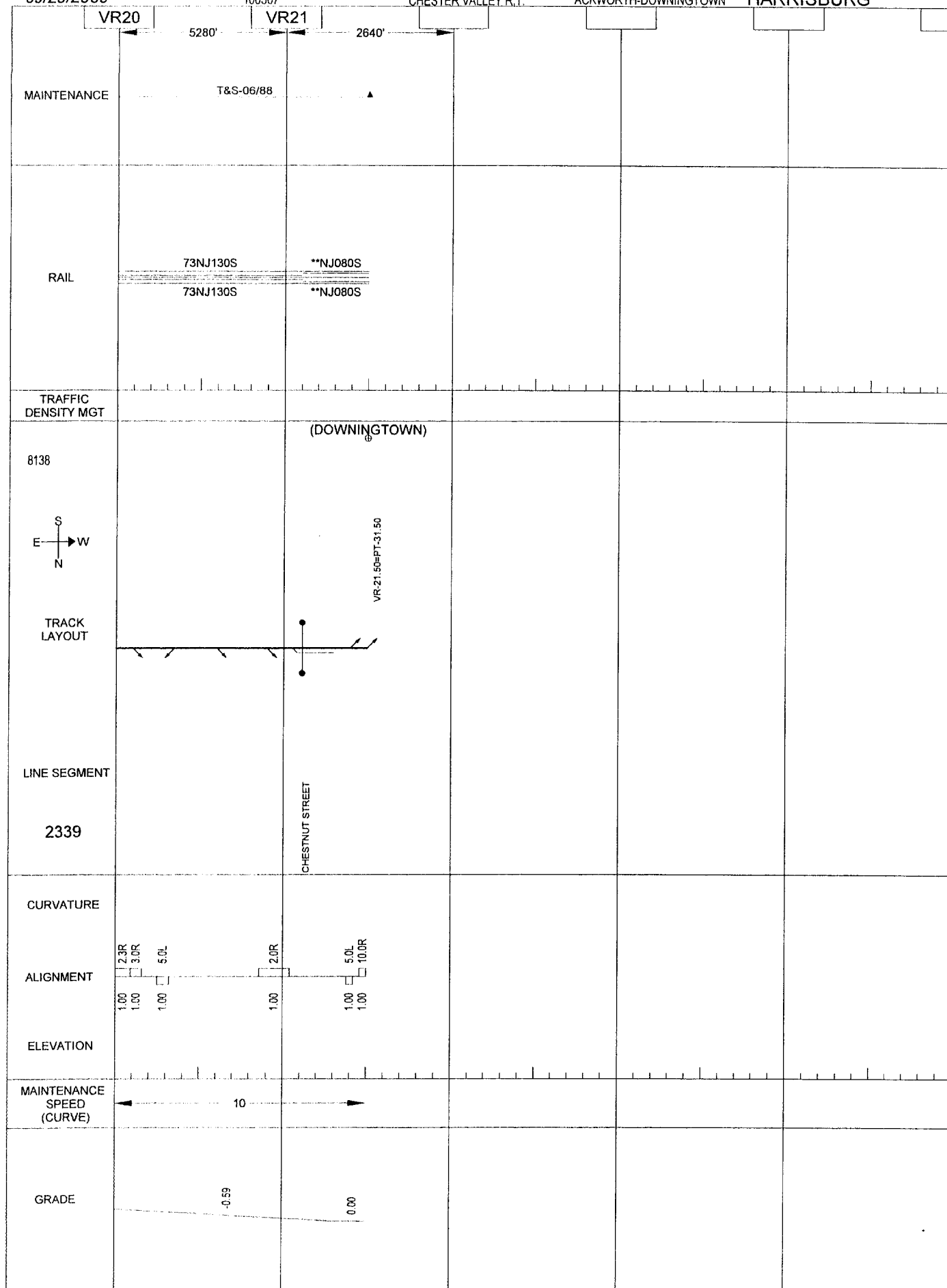
09/29/2009

100307

189
CHESTER VALLEY R.T.

ACKWORTH-DOWNINGTOWN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72VR_20_25

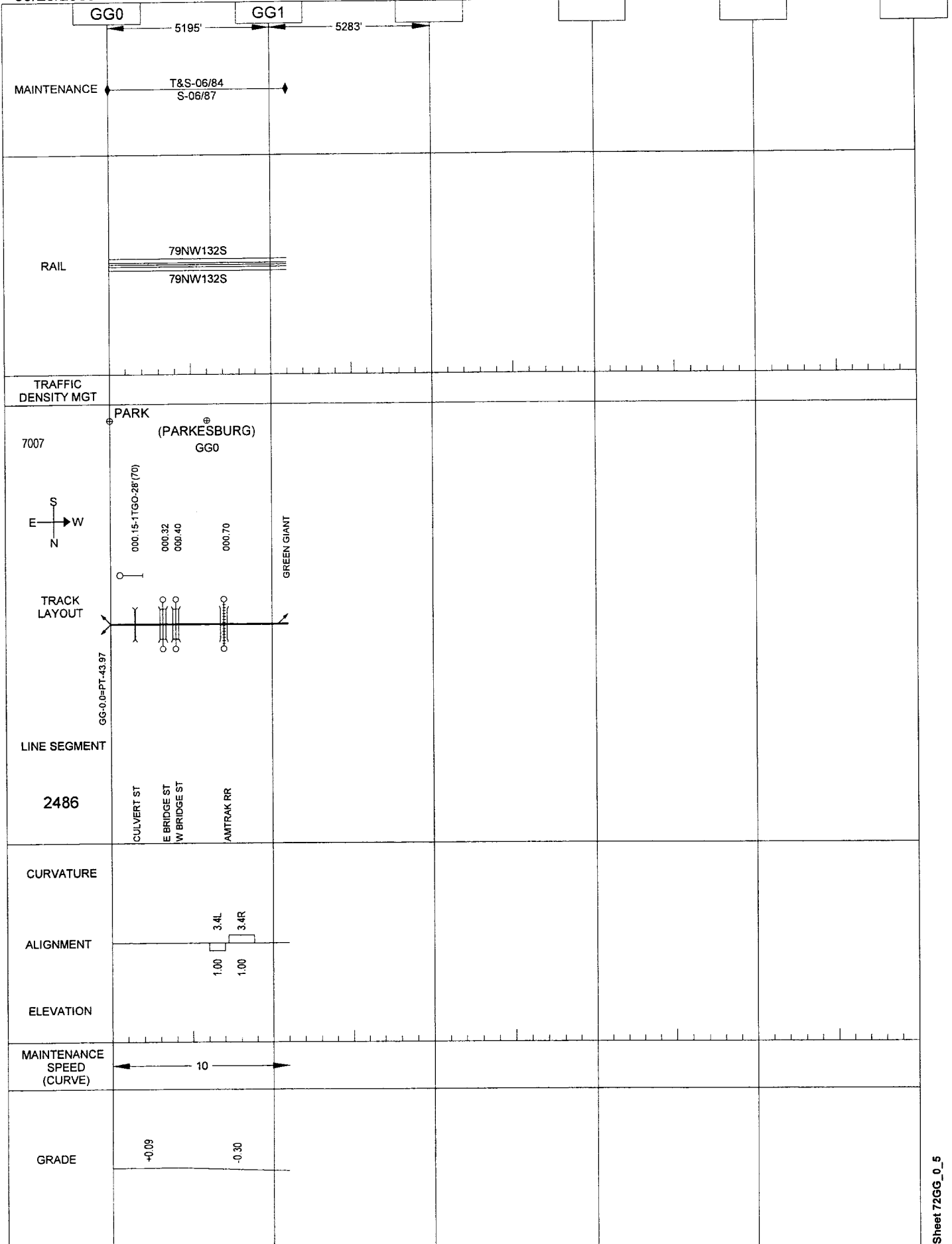
09/29/2009

101323

190
PARKSBURG I.T.

PARK-GIANT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

101333

191

NEW HOLLAND SEC.

EAST EARL-GREENFIELD

HARRISBURG

HZ27

HZ28

HZ29

HZ30

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-04/05

RAIL

87RW130S

87RW130S

TRAFFIC
DENSITY MGT

→ 0.0(0.0)

← 0.0

7007

RANCKS
HZ27(NEW HOLLAND)
HZ28S
E → W
NTRACK
LAYOUT

AGWAY

LINE SEGMENT

2396

NEW COURT

517765G

923343G

517763T

517762L

517761E
923344N

517760X

517759D

517758W

517757P

517756H

517755B

517753M

RANCK AVE

PRIVATE

KINZER

BRIMMER AVE

RAILROAD AVE
PRIVATE

CUSTER AVE

DILLER AVE

BRUBAKER AVE

HOOVER ST

PRIVATE

SHIRK RD

MUSSELMANS

CURVATURE

ALIGNMENT

2.0L

1.00

4.5R

1.50

1.9L

1.00

0.3L

1.00

2.0R

1.00

1.0R

1.00

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

30

GRADE

-0.24

+0.31

-0.30

+0.21

General Reference Only - Not for Operational Purposes

Sheet 72HZ_25_30

09/29/2009

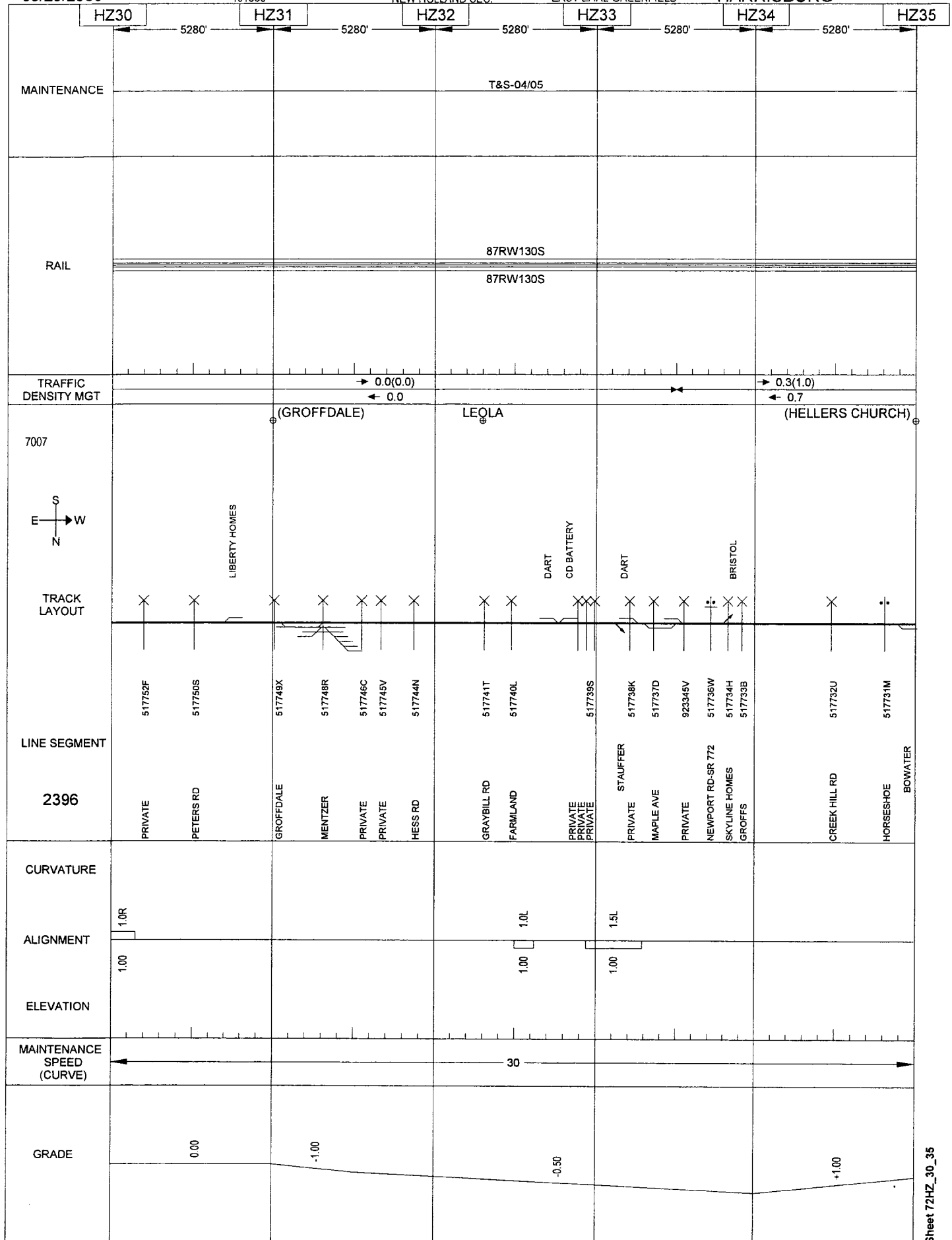
101333

192

NEW HOLLAND SEC.

EAST EARL-GREENFIELD

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72HZ_30_35

09/29/2009

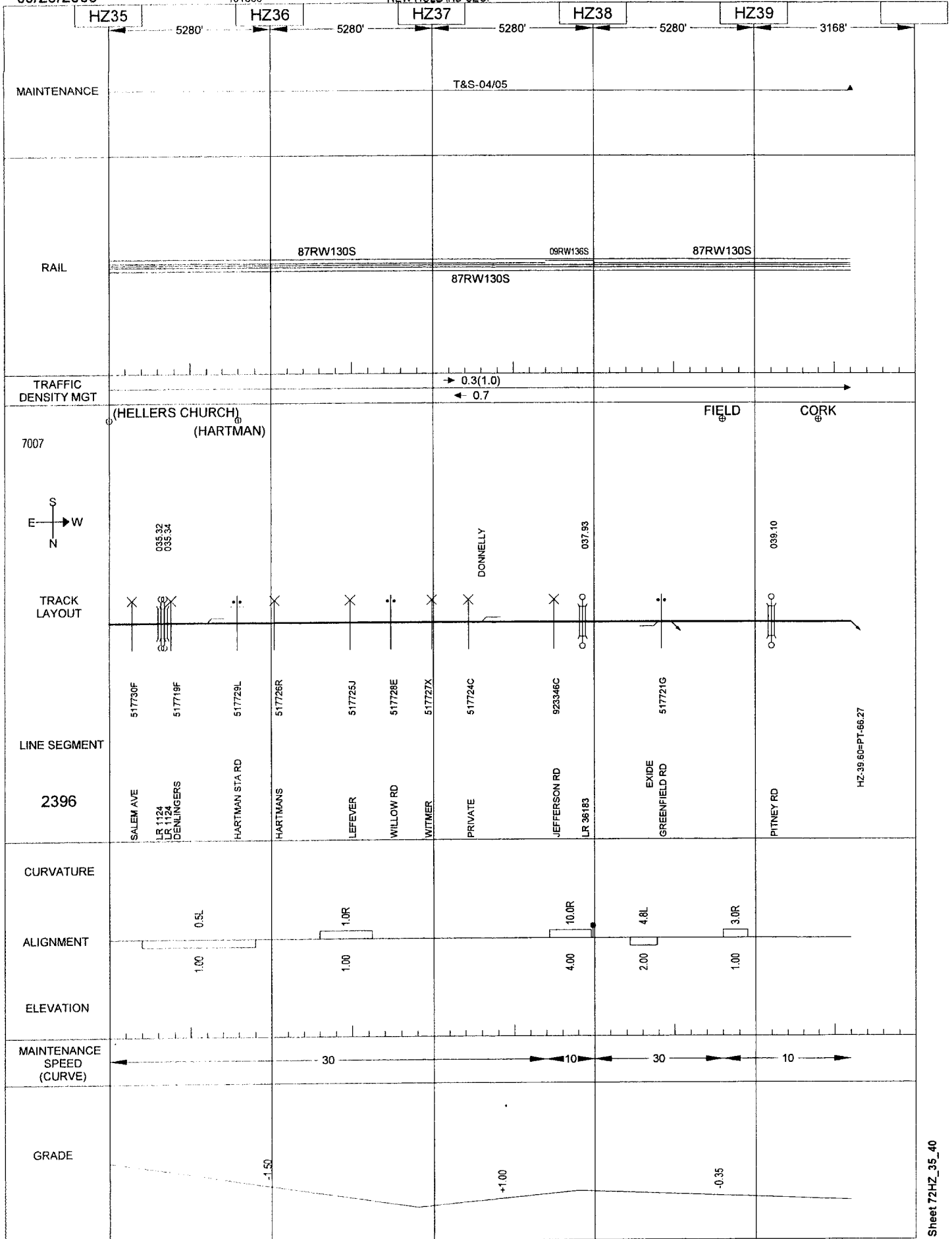
101333

193

NEW HOLLAND SEC.

EAST EARL-GREENFIELD

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72HZ_35_40

09/29/2009

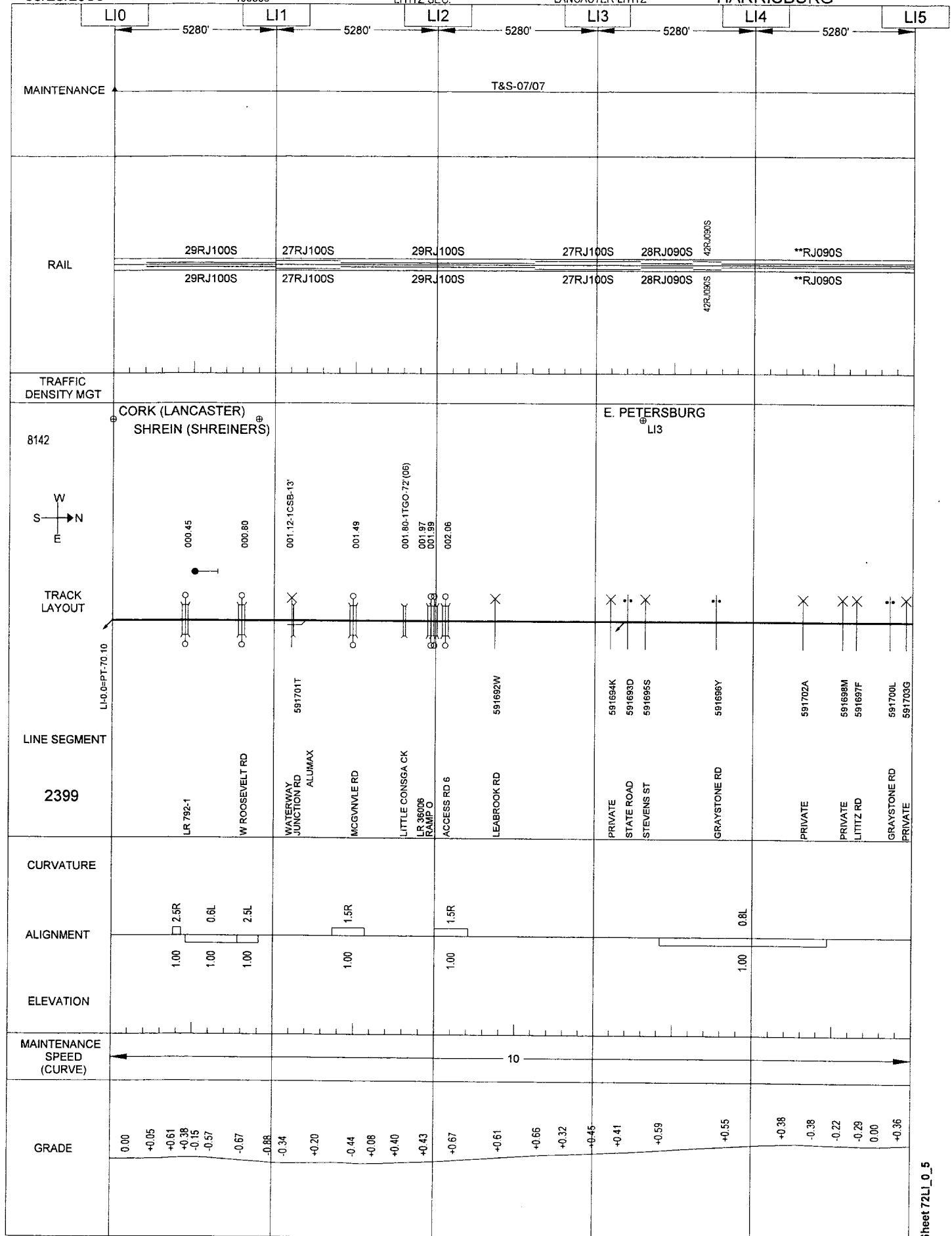
100338

194

LITITZ SEC.

LANCASTER-LITITZ

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LI_0_5

09/29/2009

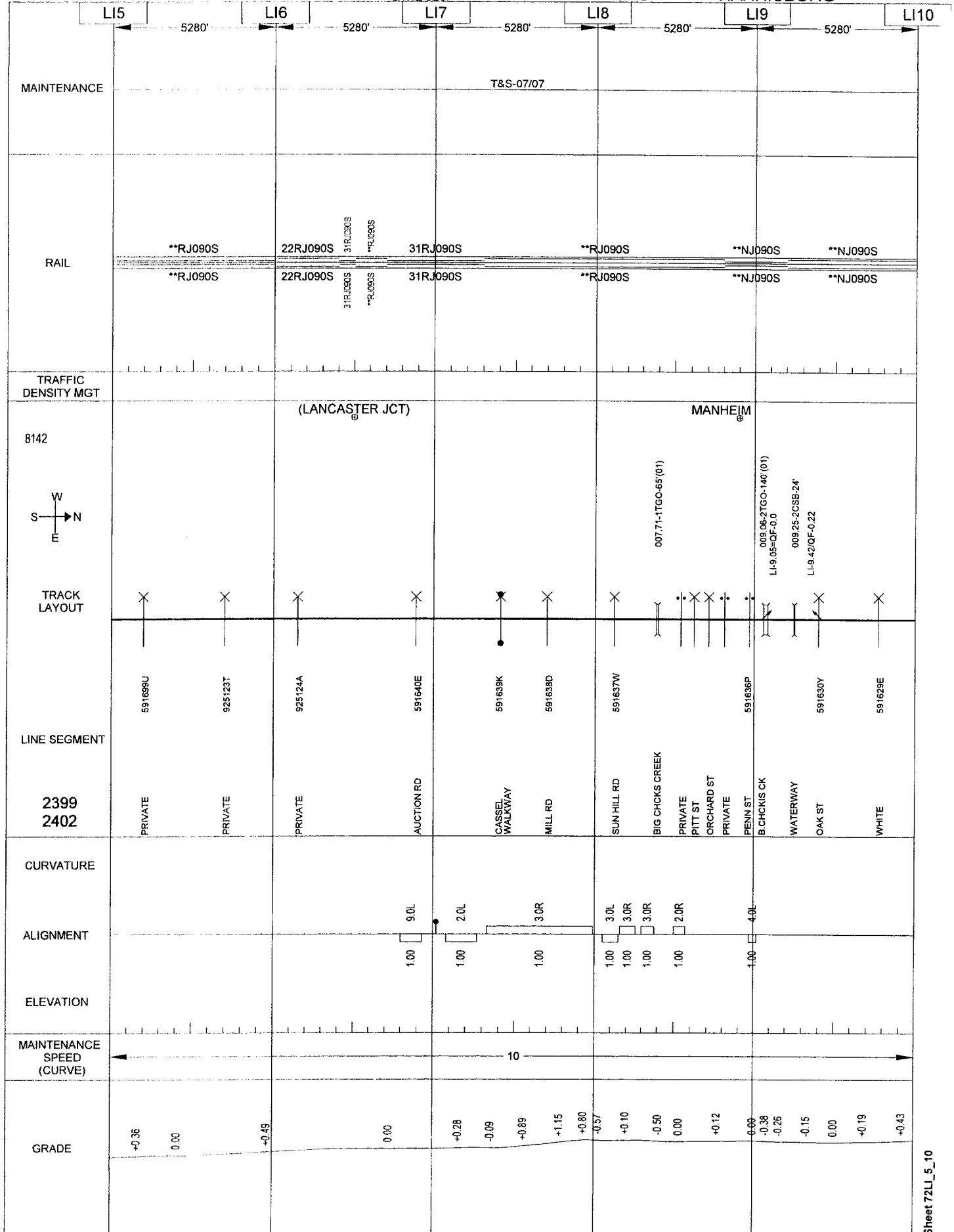
100370

195

LITITZ SEC.

LANCASTER-LITITZ

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

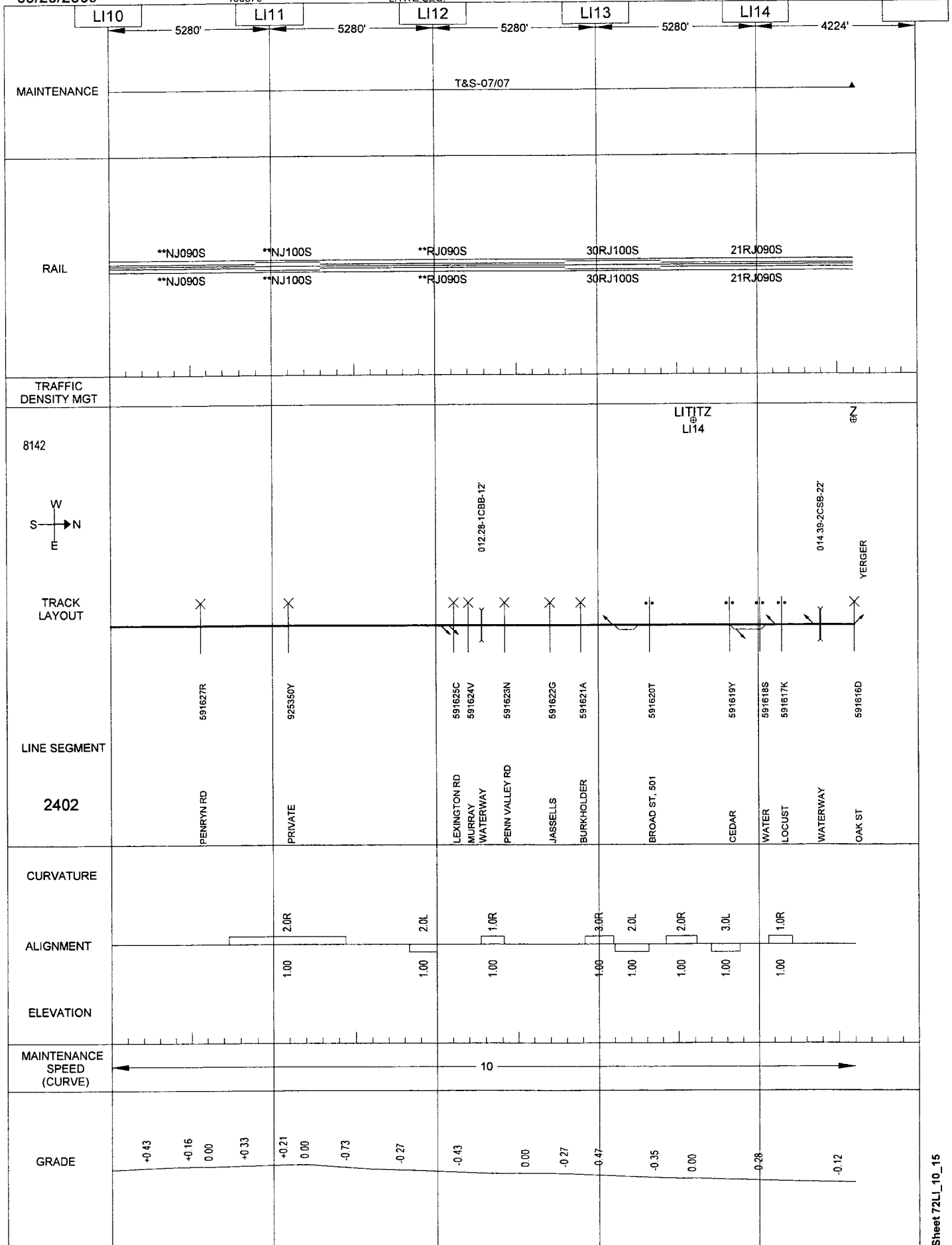
100370

196

LITITZ SEC.

LANCASTER-LITITZ

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LI_10_15

09/29/2009

100385

197
MT. HOPE I.T.

MANHEIM

HARRISBURG

QF0

5280'

MAINTENANCE

RAIL

**NJ090S

**NJ090S

TRAFFIC
DENSITY MGT

MANHEIM

8142



TRACK
LAYOUT

QF-0.0-LI-9.05
000.03-2CBB-40'



LINE SEGMENT

2594

WATERWAY
OAK ST
PIPELINE
E HIGH ST

QF-0.22-LI-9.42

591455K
591456S

CURVATURE

ALIGNMENT

ELEVATION

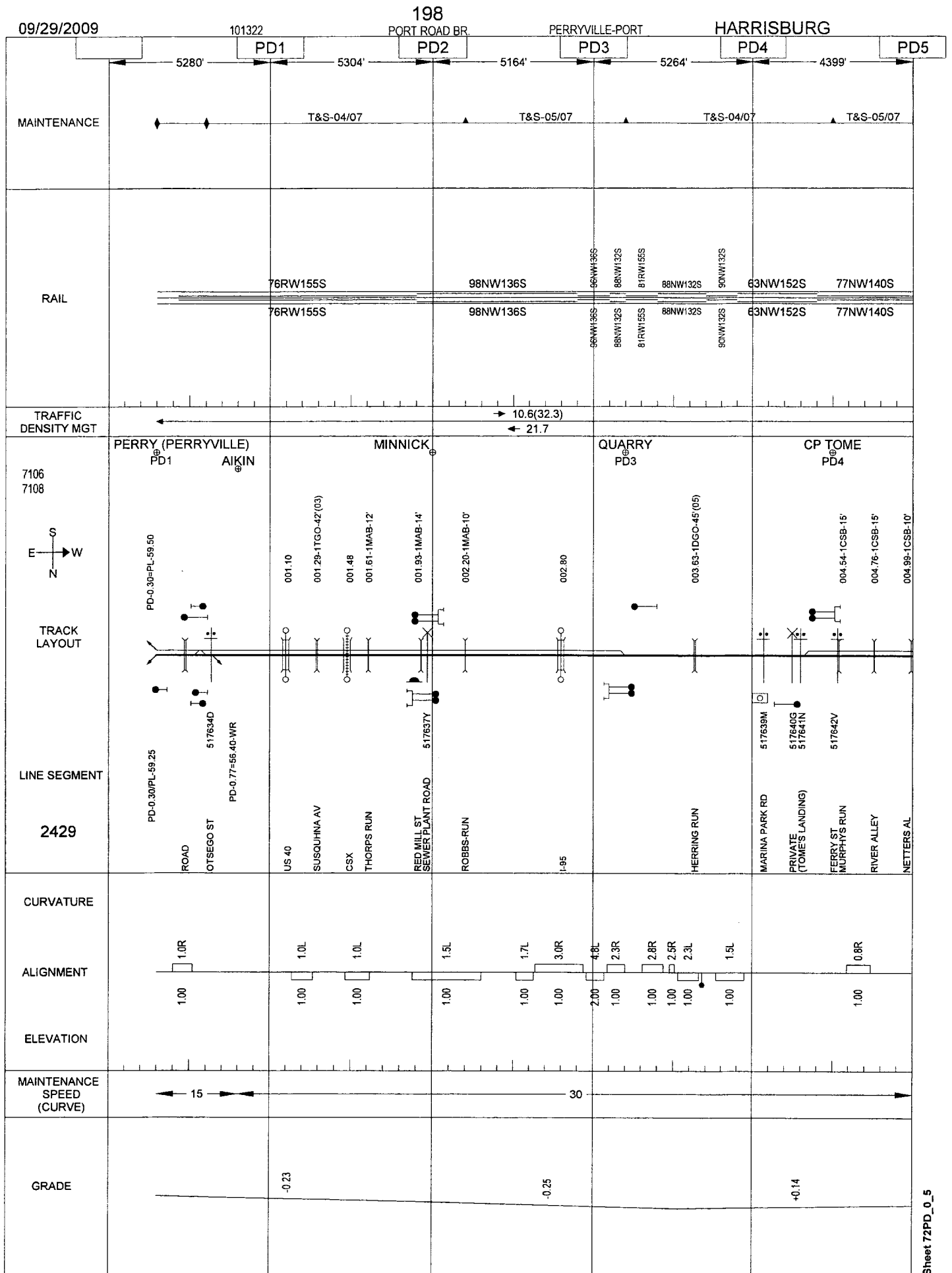
MAINTENANCE
SPEED
(CURVE)

10

GRADE

-0.09

General Reference Only - Not for Operational Purposes



General Reference Only - Not for Operational Purposes

09/29/2009

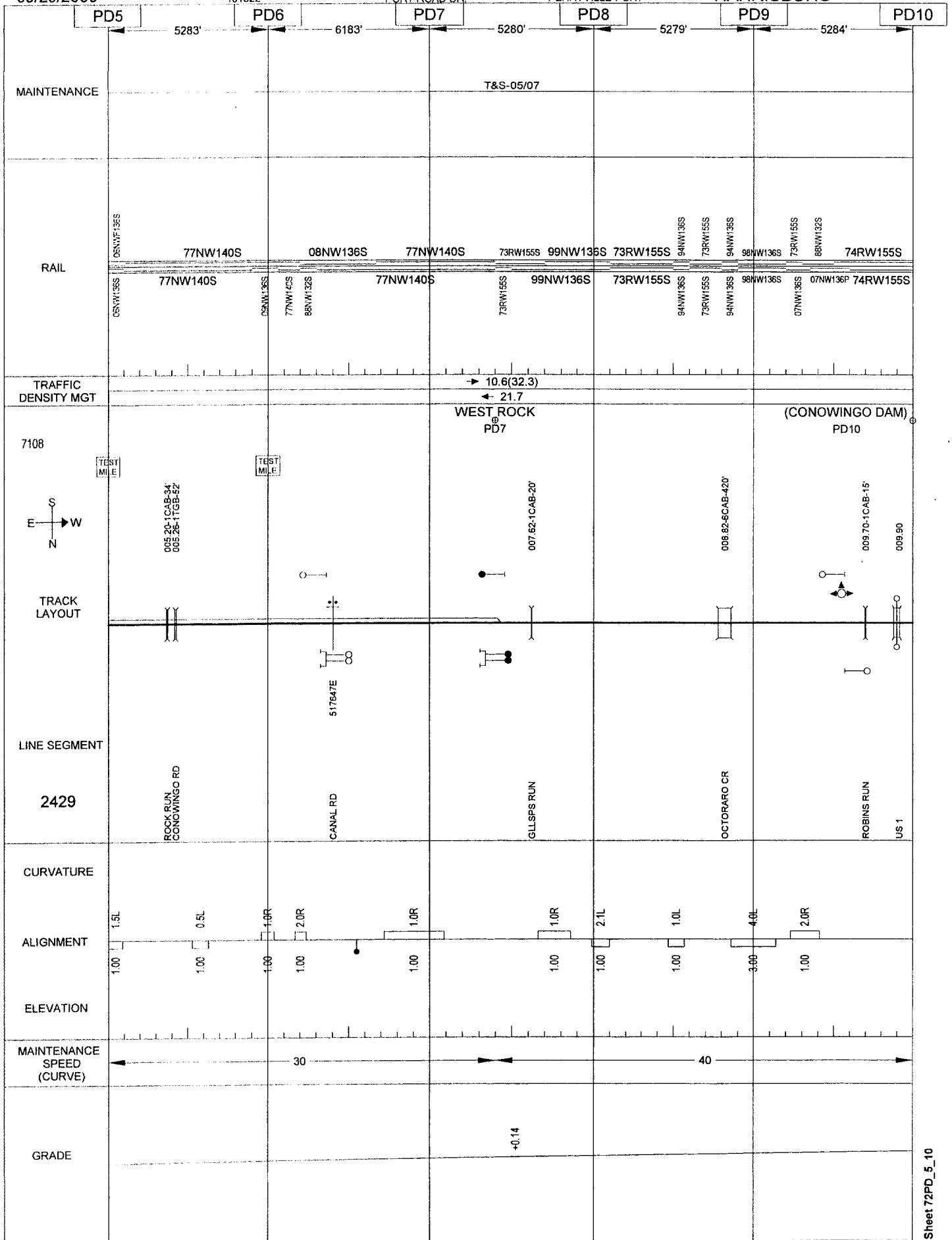
101322

199

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72PD_5_10

09/29/2009

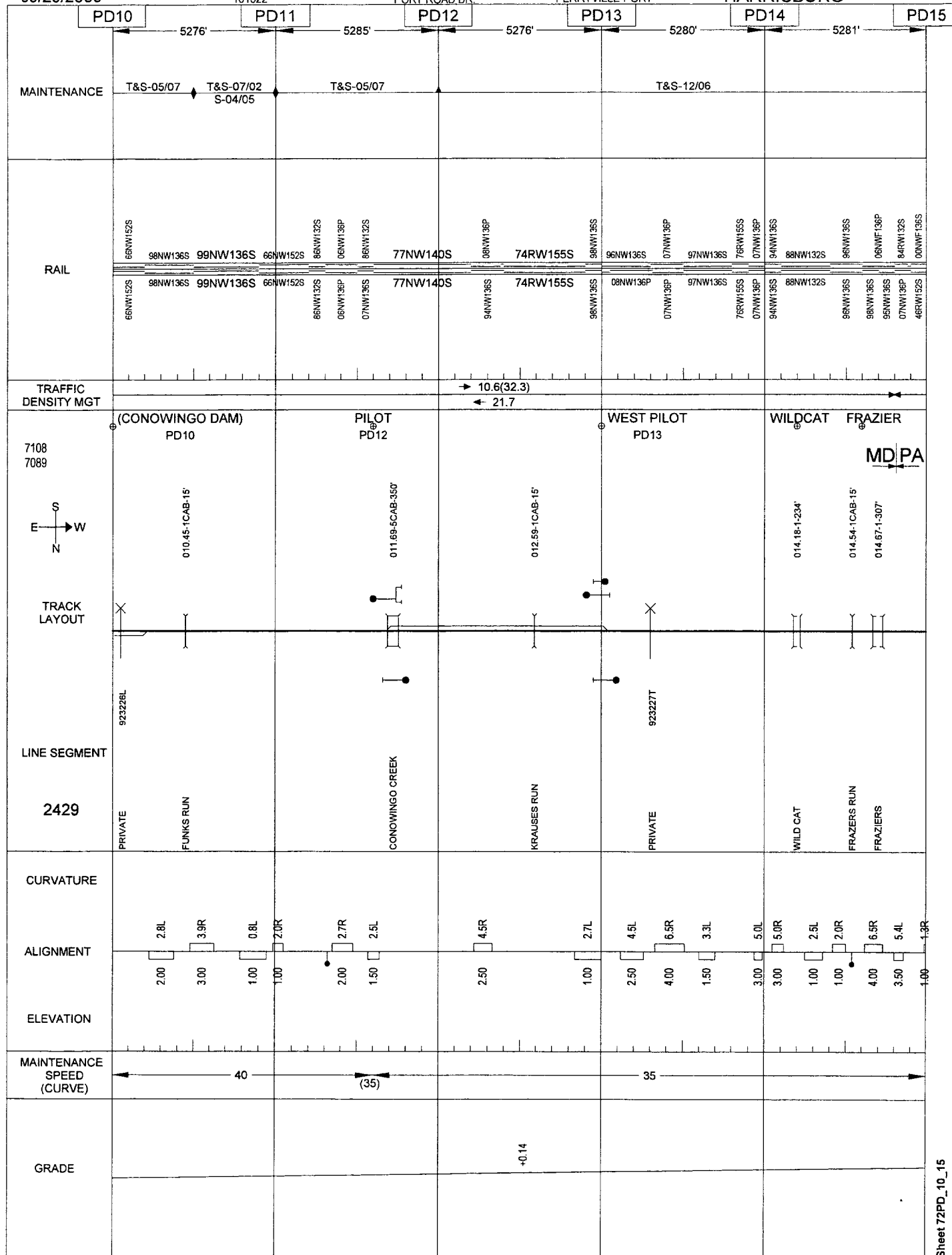
101322

200

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72PD_10_15

09/29/2009

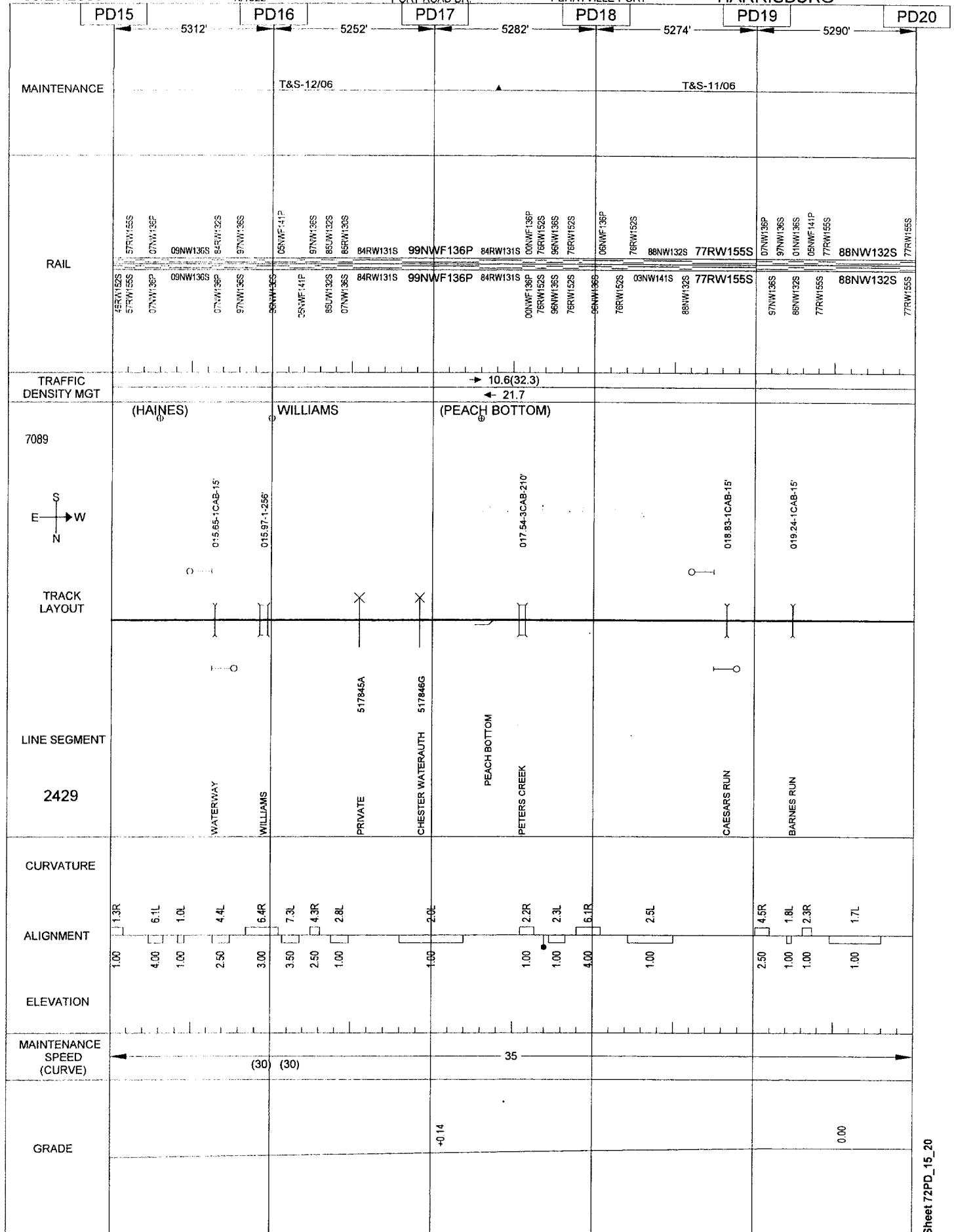
101322

201

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

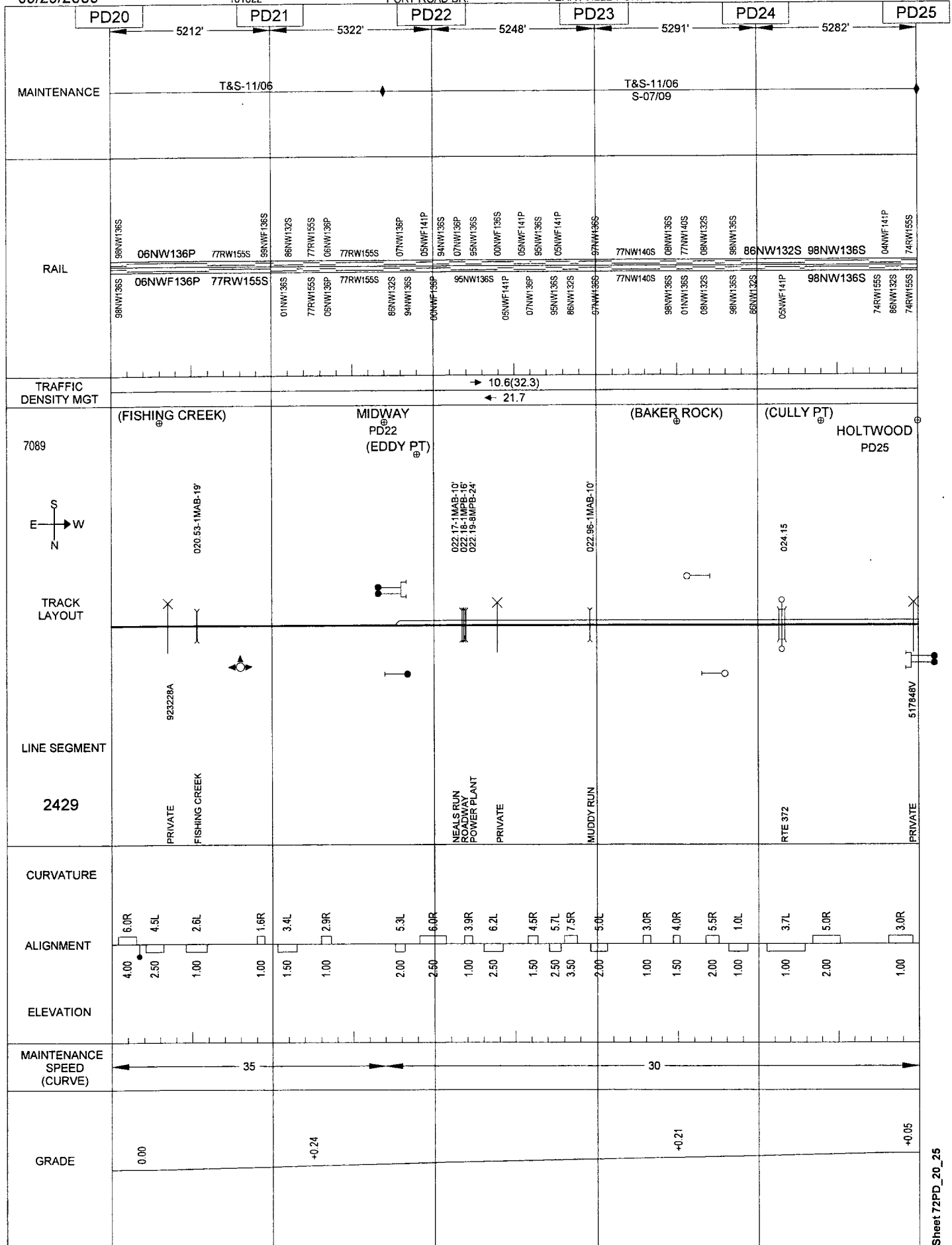
101322

202

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72PD_20_25

09/29/2009

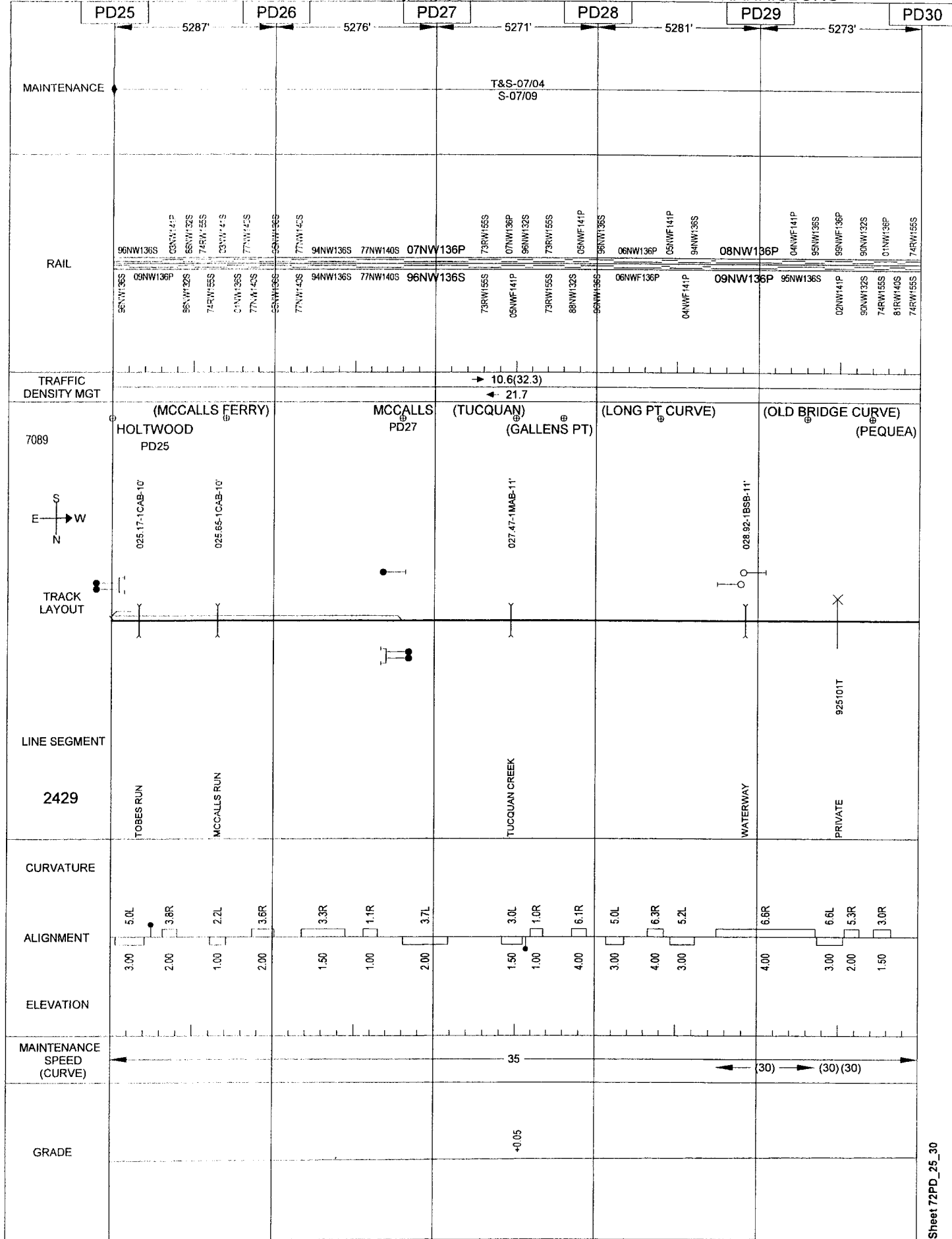
101322

203

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

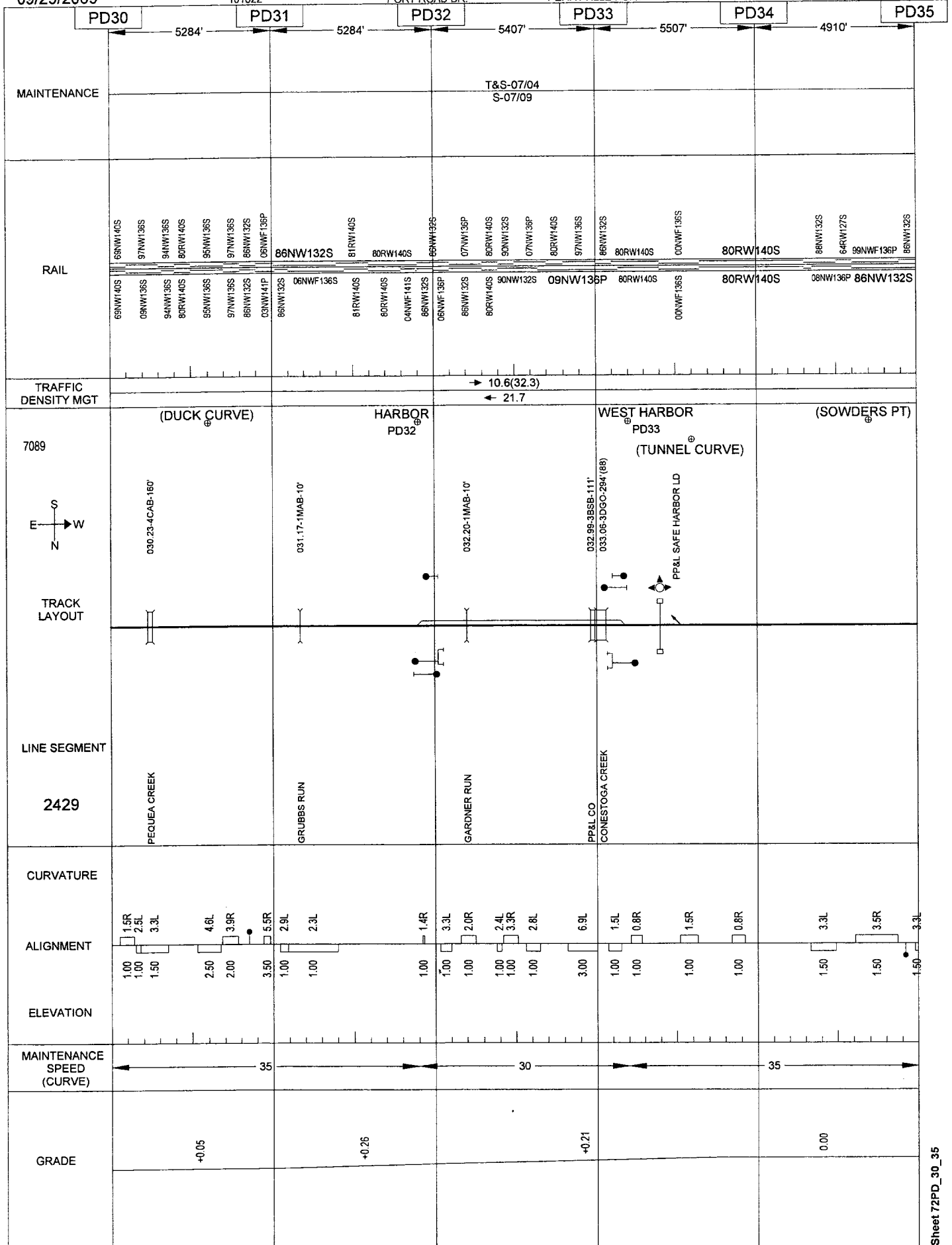
101322

204

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72PD_30_35

HARRISBURG

PD39

- 5280' ---

T&S-05/07	S-08/08
T&S-06/04	S-03/08

#1

#2

[illegible]

→ 10.6(16.1#1)
← 21.7(16.1#2)

CRES (CRESWELL)

TRACK LAYOUT

2429

#1

#2

- 35

- 30
30

GRADE

00

Sheet 72PD_35_40

09/29/2009

101323

206
PORT ROAD BR

PORT-WAGO JCT

HARRISBURG

EP34

EP35

5280'

5278'

#1
MAINTENANCE
#2

T&S-10/09

T&S-05/04
S-03/08#1
RAIL
#2

78NW140S

86NW132S

78NW140S

78NW140S

86NW132S

77NW140S

77NW140S

78NW132S

78NW132S

TRAFFIC
DENSITY MGT

→ 10.6(16.1#1)

← 21.7(16.1#2)

PORT

(WASHINGTON BORO)

7007

S
E → W
NTRACK
LAYOUT#1
#2

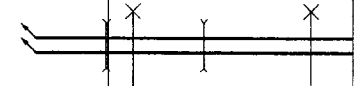
EP-33.70=PD-39.70

033.99=1MAB-10'

034.39=1MAB-10'

LINE SEGMENT

2414



51821BL

518221M

CURVATURE

#1

0.7R

ALIGNMENT

1.00

ELEVATION

#2

0.5L

0.7R

1.00

MAINTENANCE
SPEED
(CURVE)

35

GRADE

-0.20

0.00

General Reference Only - Not for Operational Purposes

Sheet 72EP_30_35

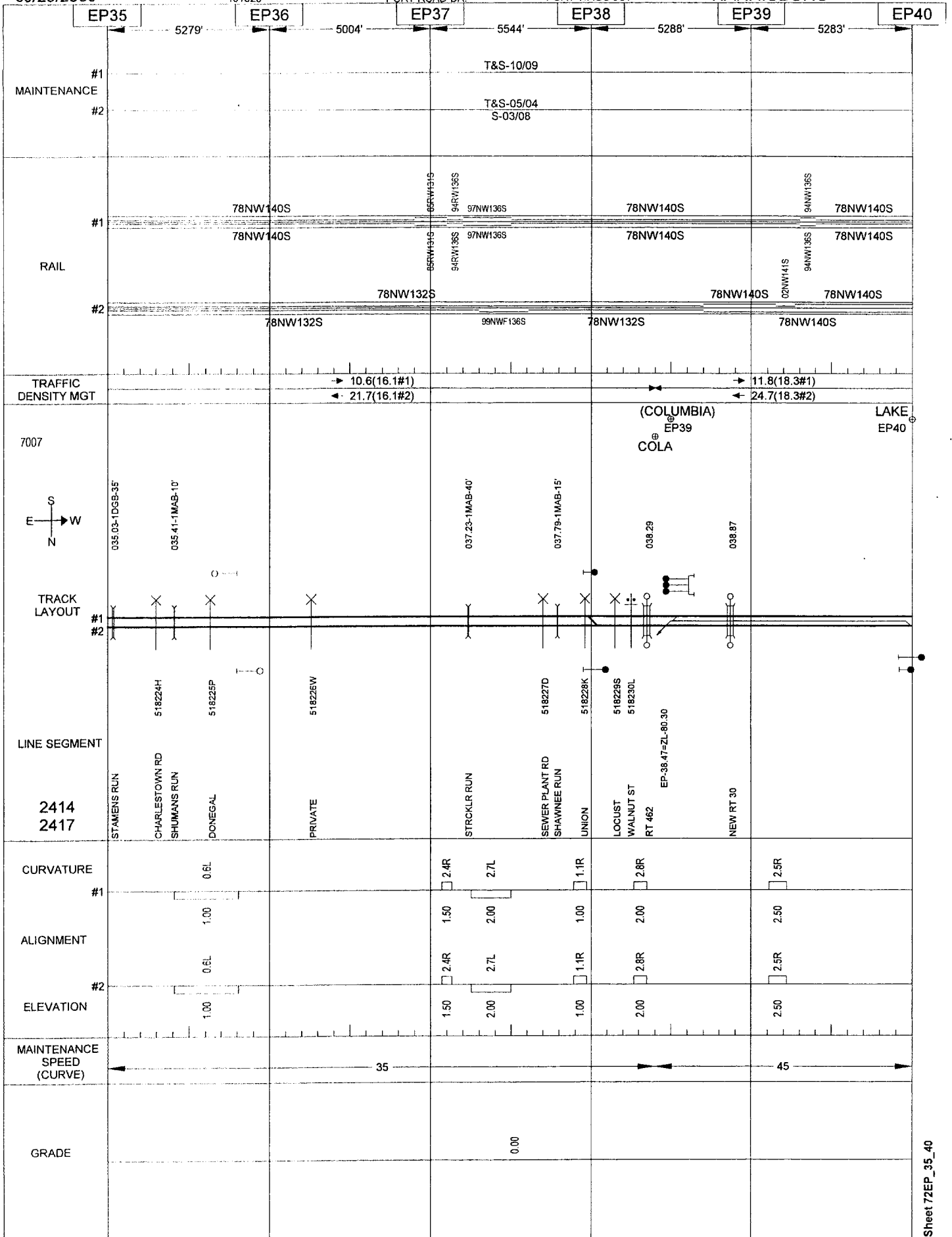
09/29/2009

207

PORT ROAD BR

PORT-WAGO JCT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72EP_35_40

09/29/2009

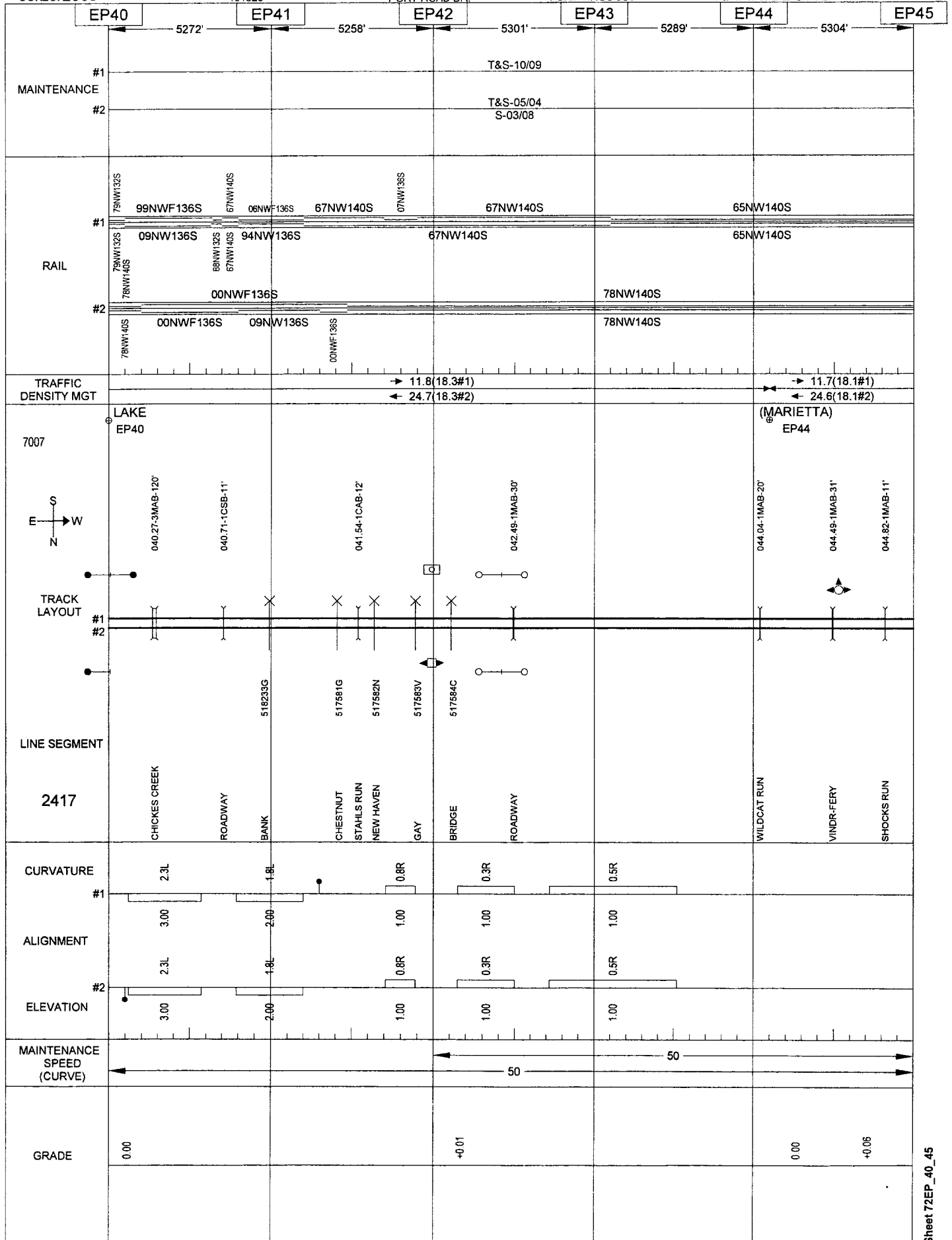
101323

208

PORT ROAD BR

PORT-WAGO JCT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

101323

209

PORT ROAD BR

PORT-WAGO JCT

HARRISBURG

EP50

EP45

EP46

EP47

EP48

EP49

EP50

5246'

5279'

5274'

5281'

5275'

#1
MAINTENANCE
#2

T&S-10/09

T&S-05/04
S-03/08

RAIL

#1
65NW140S 83RW140S 98NW136S 83RW140S 98NW136S 81UW132S 83RW140S 06NW136S 83RW140S
65NW140S 83RW140S 98NW136S 83RW140S 98NW136S 81UW132S 83RW140S 06NW136S 83RW140S
78NW140S 83RW140S 09NW136S 83RW140S 99NW136S 83RW140S
#2
78NW140S 83RW140S 04NW141P 83RW140S

TRAFFIC
DENSITY MGT

11.7(18.1#1)
24.6(18.1#2)

10.5(16.9#1)
23.3(16.9#2)

SHOCKS

(SAGINAW)

7007

S
E → W
N

046 45-23MSB-2213 (NA)(08)

046 93-5MAB-420

046 29-1MAB-24

046 54-1MAB-24

046 83-1MAB-15

046 60-1MAB-12

TRACK
LAYOUT

#1
#2

LINE SEGMENT

2417

EP 45 29-MU-67.20
TO ROYALTON BRANCH
EP 45 45-RY-0.0

SUSQUEHANA RIVER

CODORUS CREEK

KING ST

YORK ST

WOGANS RUN

KOHRS RUN

CURVATURE

#1

ALIGNMENT

#2

ELEVATION

MAINTENANCE
SPEED
(CURVE)

(40)

(40)

(40)

(40)

50

50

GRADE

+0.06

General Reference Only - Not for Operational Purposes

09/29/2009

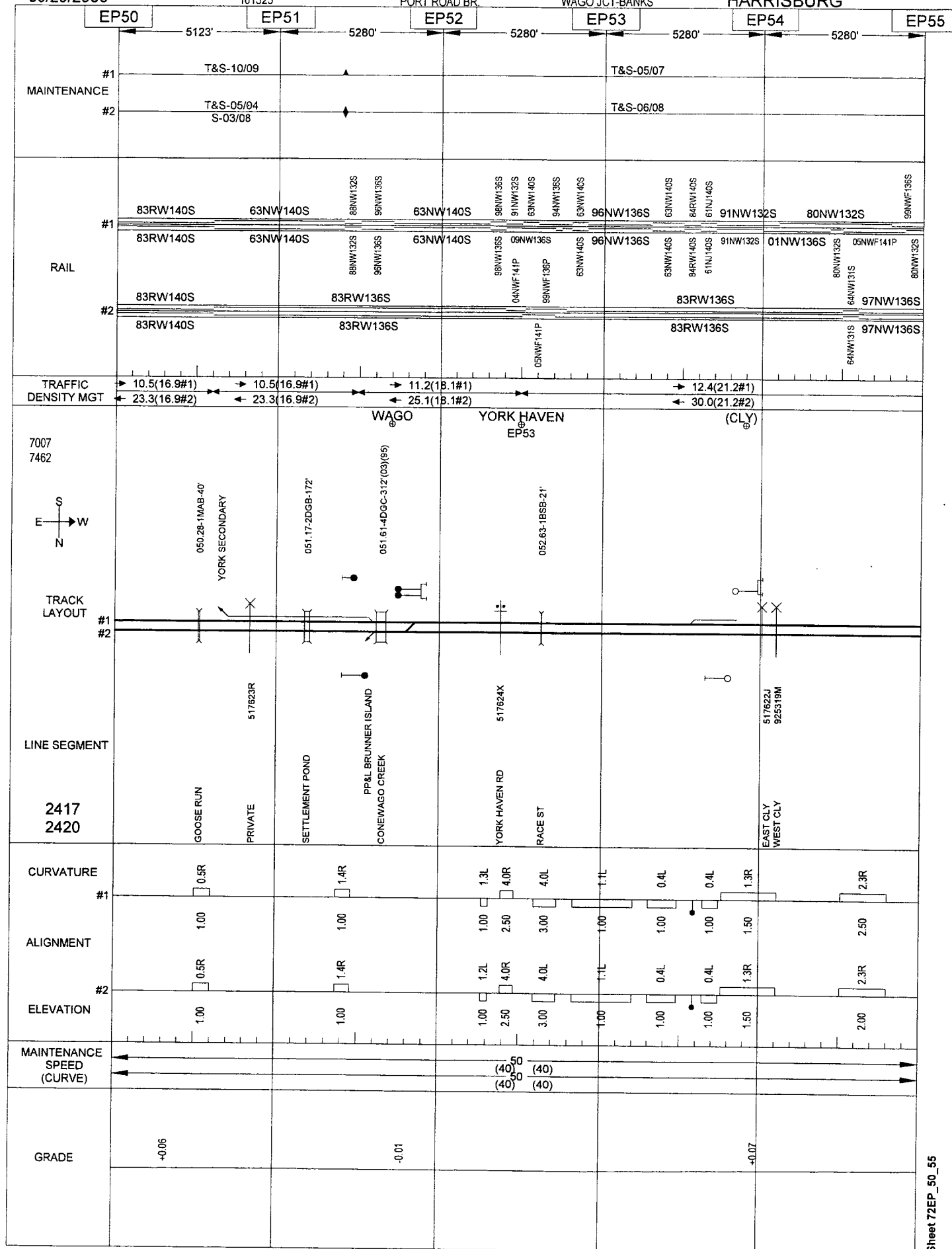
101325

210

PORT ROAD BR.

WAGO JCT-BANKS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72EP_50_55

09/29/2009

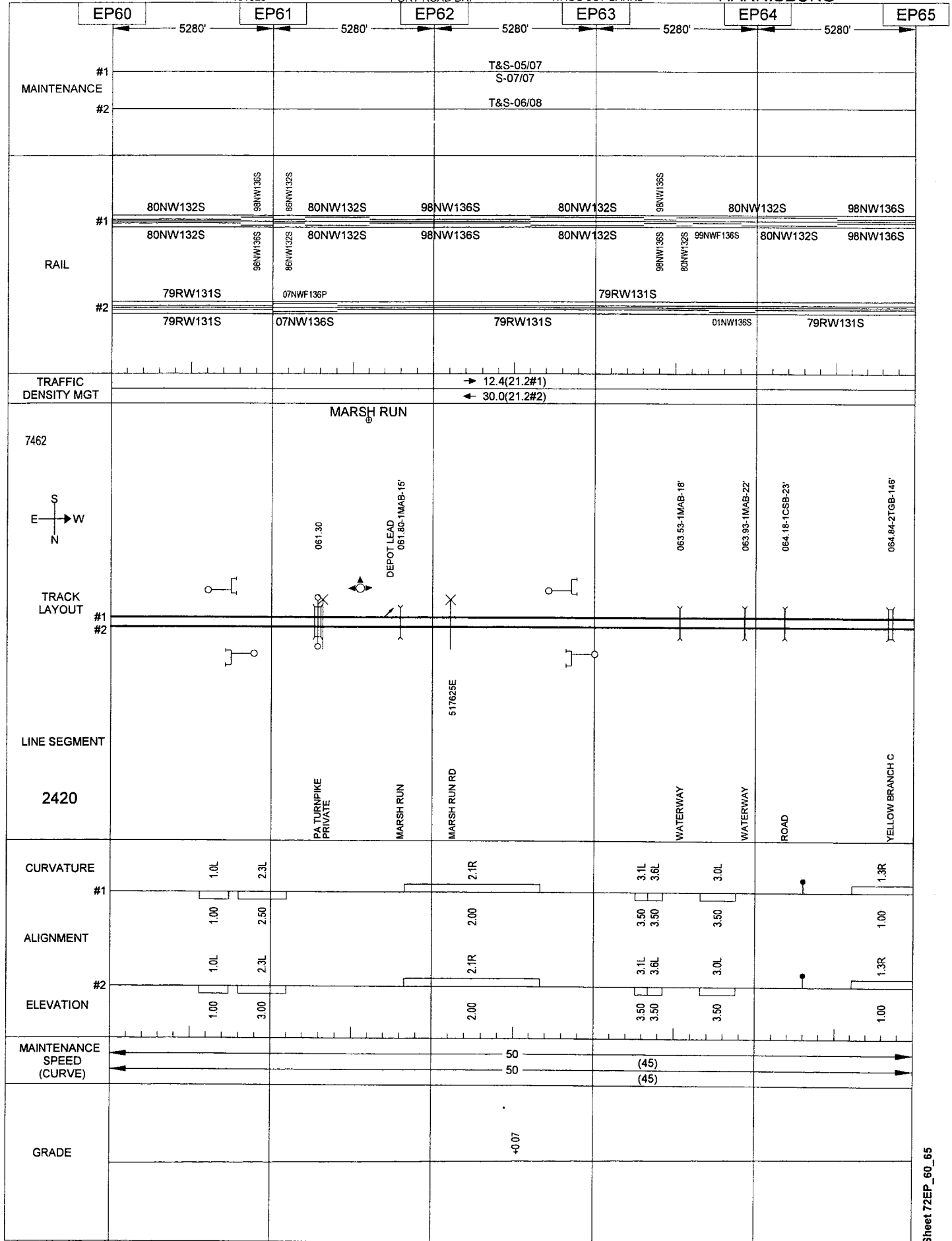
101325

212

PORT ROAD BR.

WAGO JCT-BANKS

HARRISBURG



EP70



09/29/2009

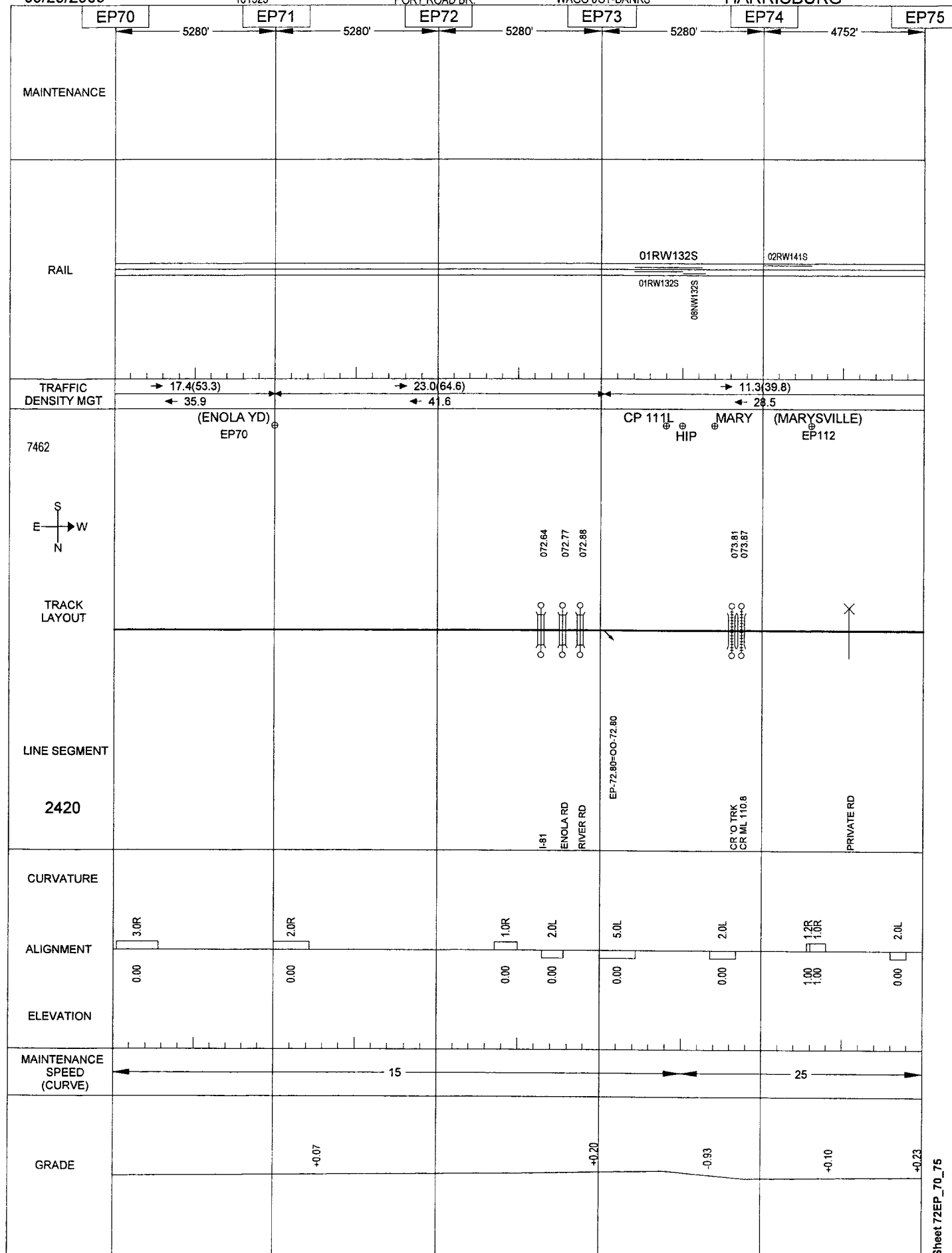
101325

214

PORT ROAD BR

WAGO JCT-BANKS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72EP_70_75

09/29/2009

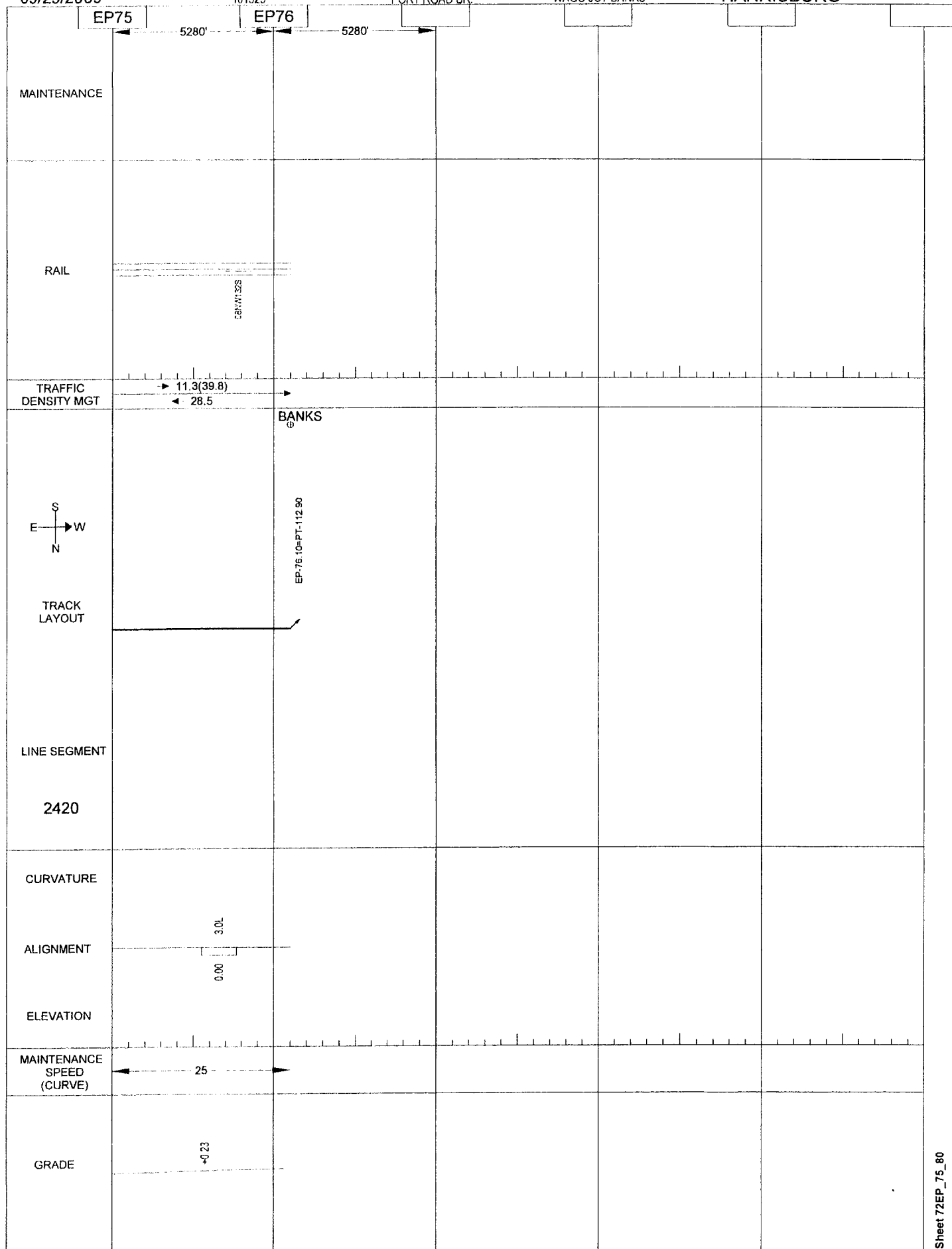
101325

215

PORT ROAD BR

WAGO JCT-BANKS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72EP_75_80

09/29/2009

101326

216

PORT ROAD BR CONN.

CP HIP-CP MARY

HARRISBURG

OO73

1056'

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT→ 11.7(24.9)
← 13.2

CP HIP

CP MARY

7008

S
E → W
NTRACK
LAYOUTTO PORT ROAD BRANCH
TO PORT ROAD BRANCH

LINE SEGMENT

2426

OO-72.80=EP-72.80

PORT ROAD BRANCH

OO-73.70=PT-111.25

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

+0.22

-0.44

0.00

General Reference Only - Not for Operational Purposes

Sheet 7200_70_75

09/29/2009

101327

217
COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG

ZL69

ZL70

5280'

5455'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7004



TRACK
LAYOUT

LINE SEGMENT

2411

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

CORK

ZL-68.40=PT-68.27

669.44

DONNELLY

ZL-68.50PT-68.47

LR36040

1.1L

0.00

15

-0.20

General Reference Only - Not for Operational Purposes

Sheet 72ZL_65_70

09/29/2009

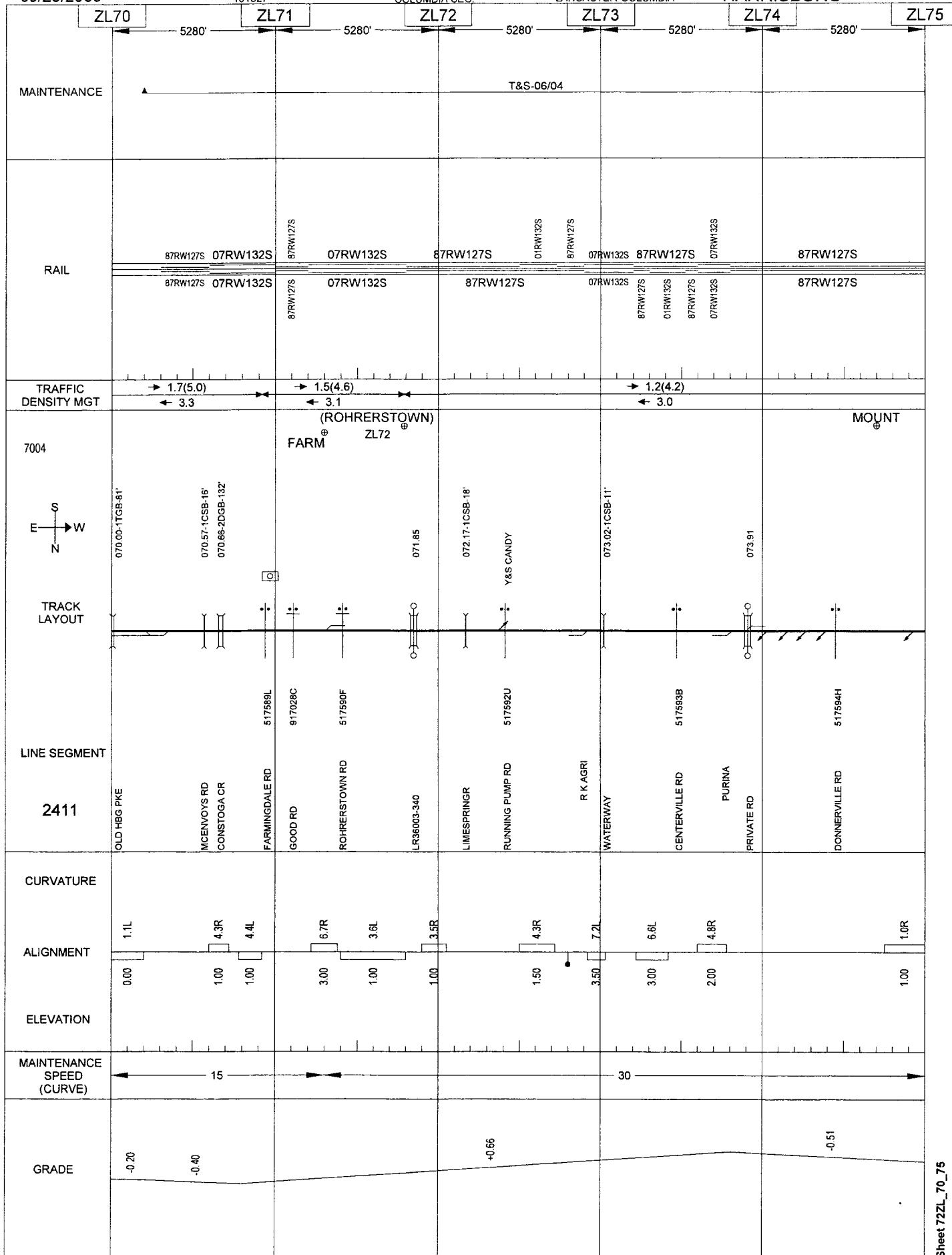
101327

218

COLUMBIA SEC

LANCASTER-COLUMBIA

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72ZL_70_75

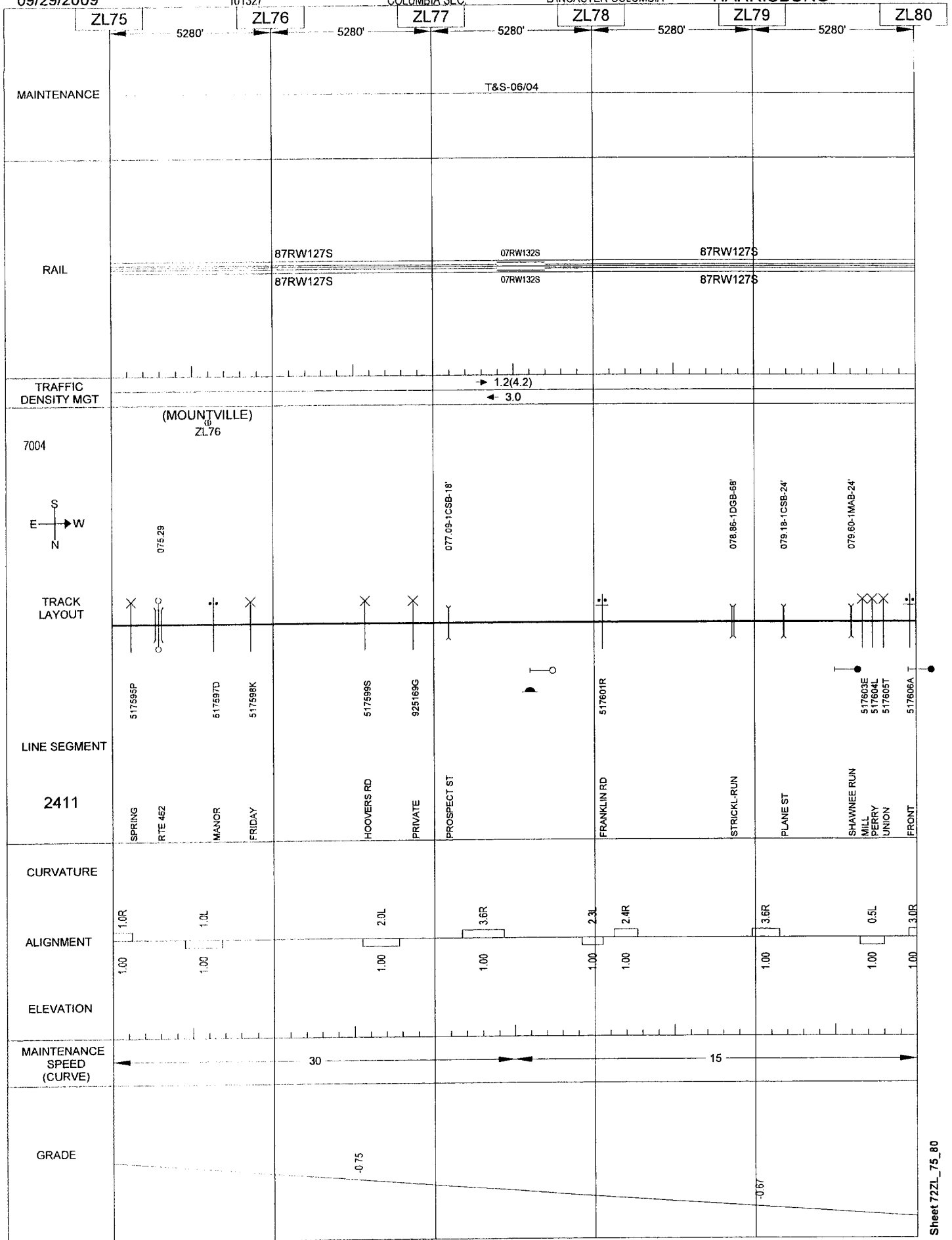
09/29/2009

101327

219
COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72ZL_75_80

09/29/2009

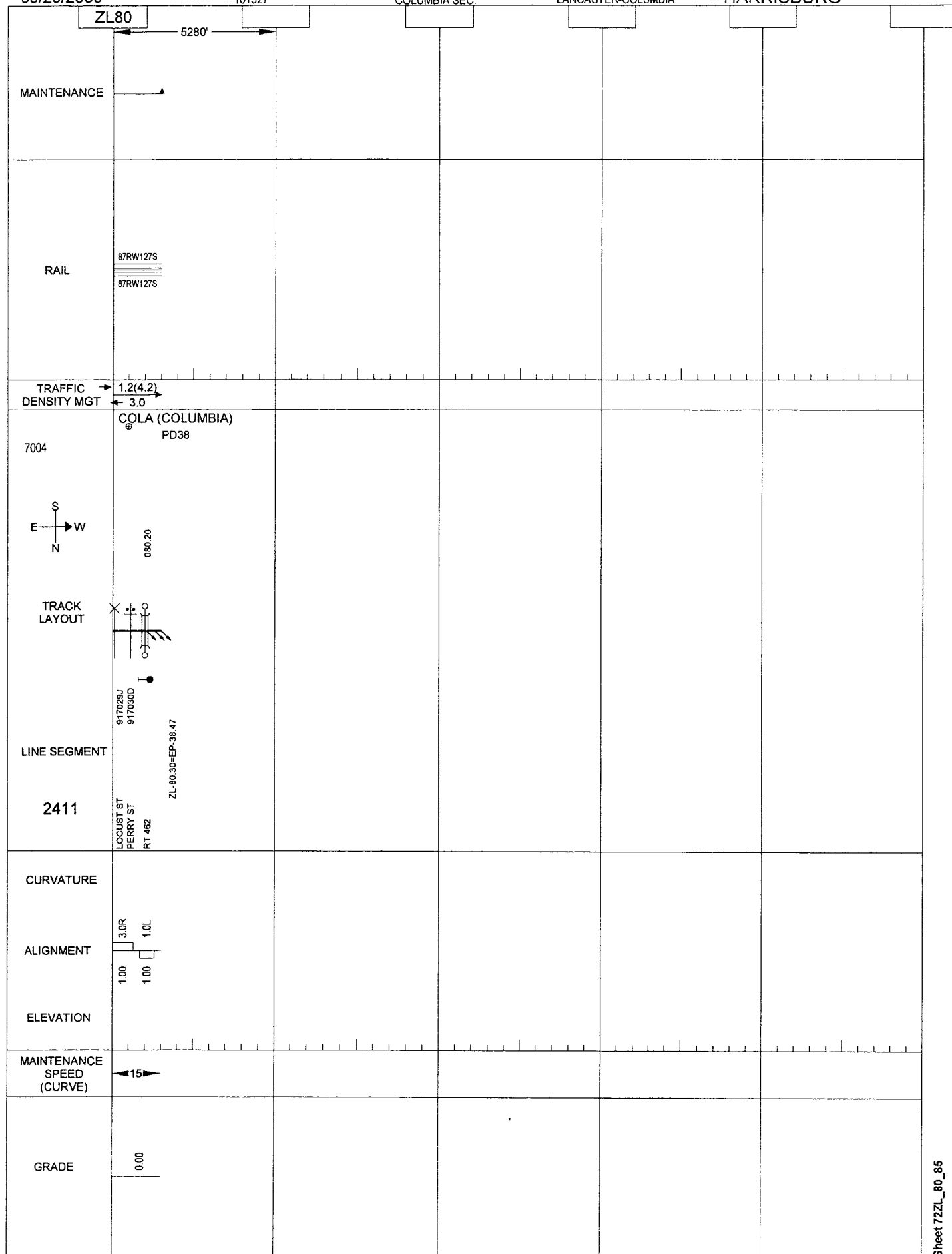
101327

220

COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG



General Reference Only - Not for Operational Purposes

HARRISBURG

RY10

T&S-11/06

WF136S

36S 52

13

TMI

09.39-1MAB-14'

1

WATERWAY

4

•

•

Sheet 72RY_5_10

09/29/2009

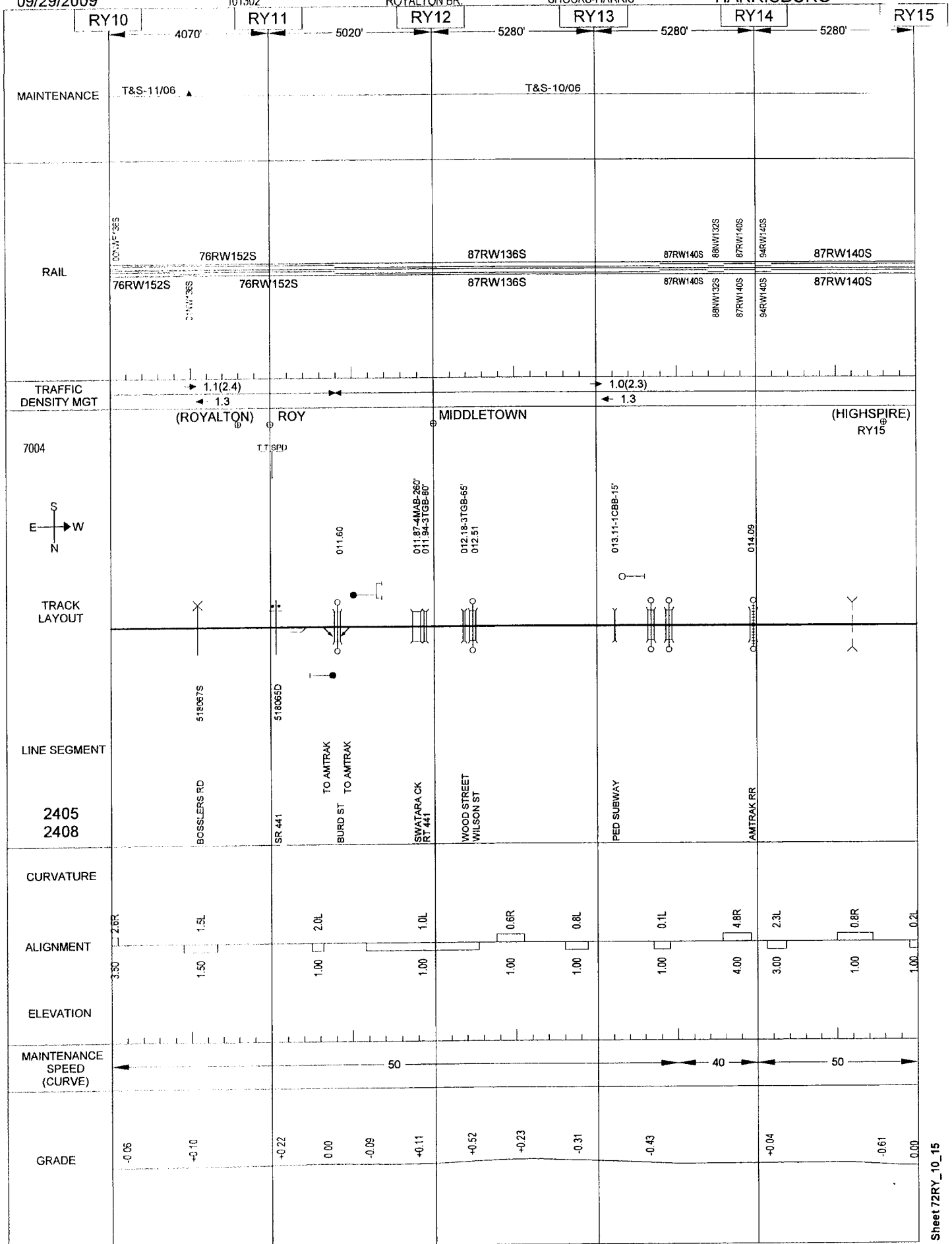
101302

223

ROYALTON BR

SHOCKS-HARRIS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72RY_10_15

09/29/2009

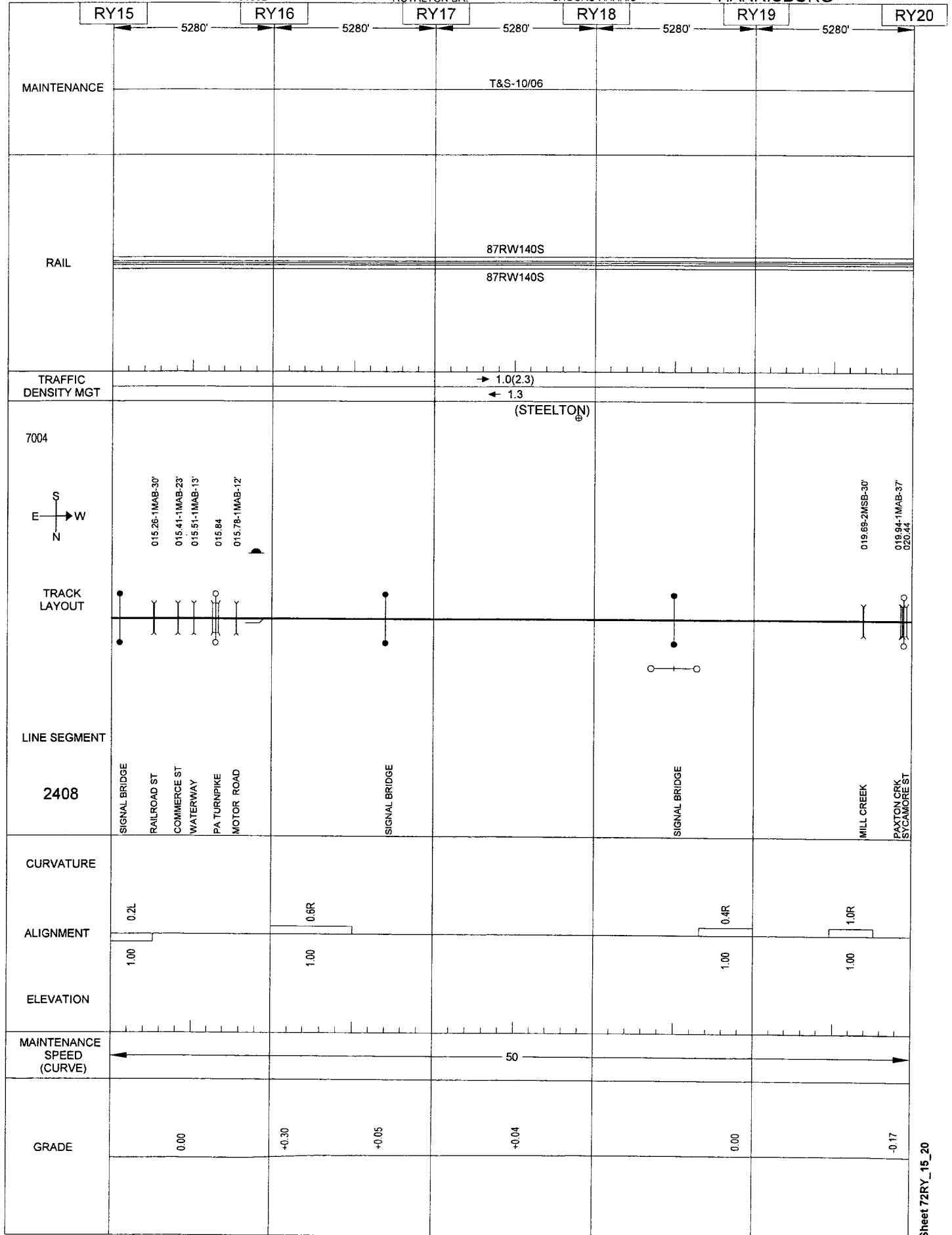
101302

224

ROYALTON BR.

SHOCKS-HARRIS

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72RY_15_20

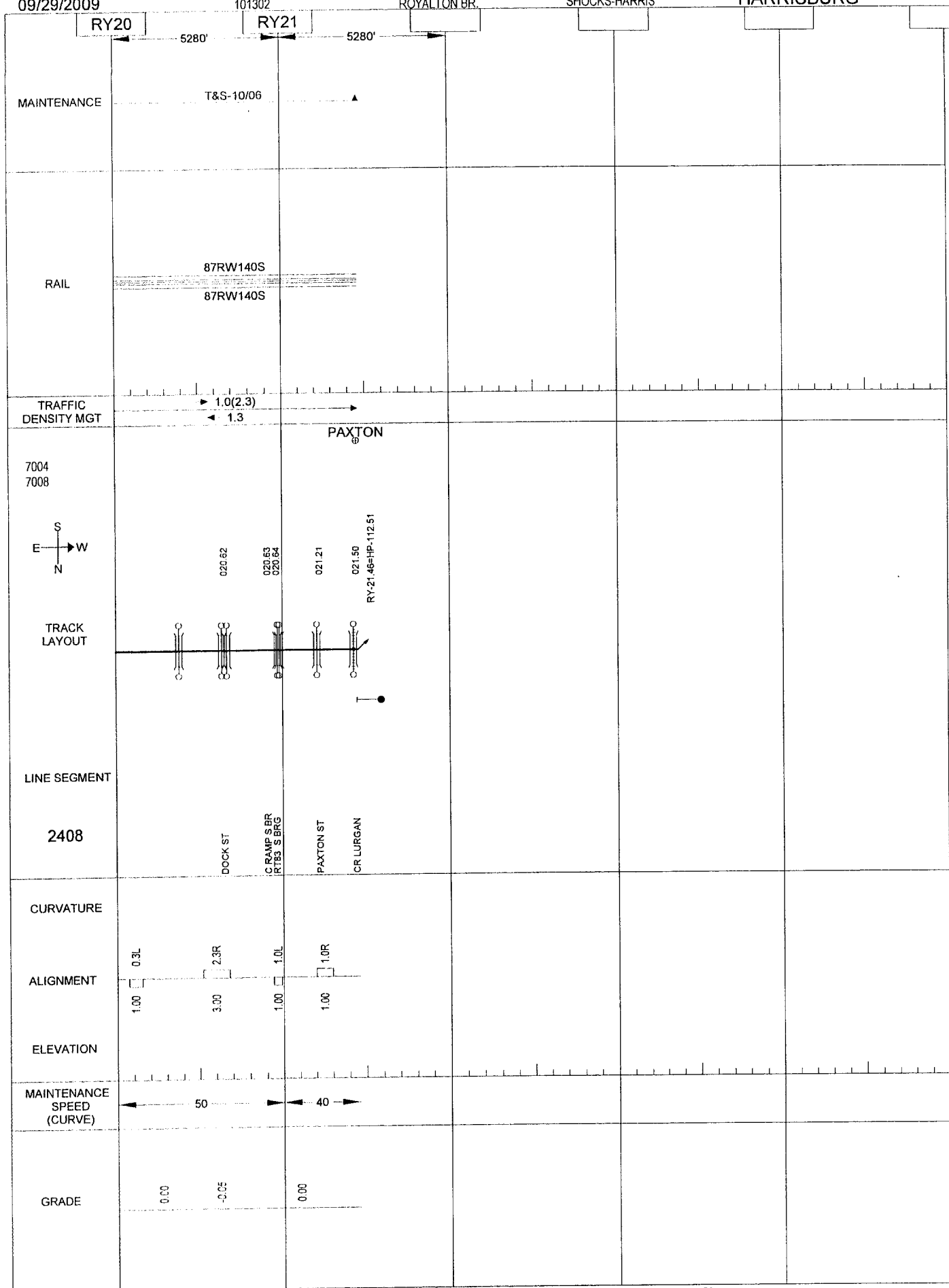
09/29/2009

101302

225
ROYALTON BR.

SHOCKS-HARRIS

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

101327

226
MARIETTA I.T.

MARIETTA-SHOCKS MILLS

HARRISBURG

MU84

MU85

5280'

5280'

T&S-06/93

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

(MARIETTA)

7004

TRACK
LAYOUT

LINE SEGMENT

2552

PENN ALUMINUM

517607G

DECATUR

GSA

CURVATURE

ALIGNMENT

ELEVATION

4.8R
1.000.8R
1.004.0R
1.00MAINTENANCE
SPEED
(CURVE)

10

GRADE

+0.40

Sheet 72MU_80_85

General Reference Only - Not for Operational Purposes

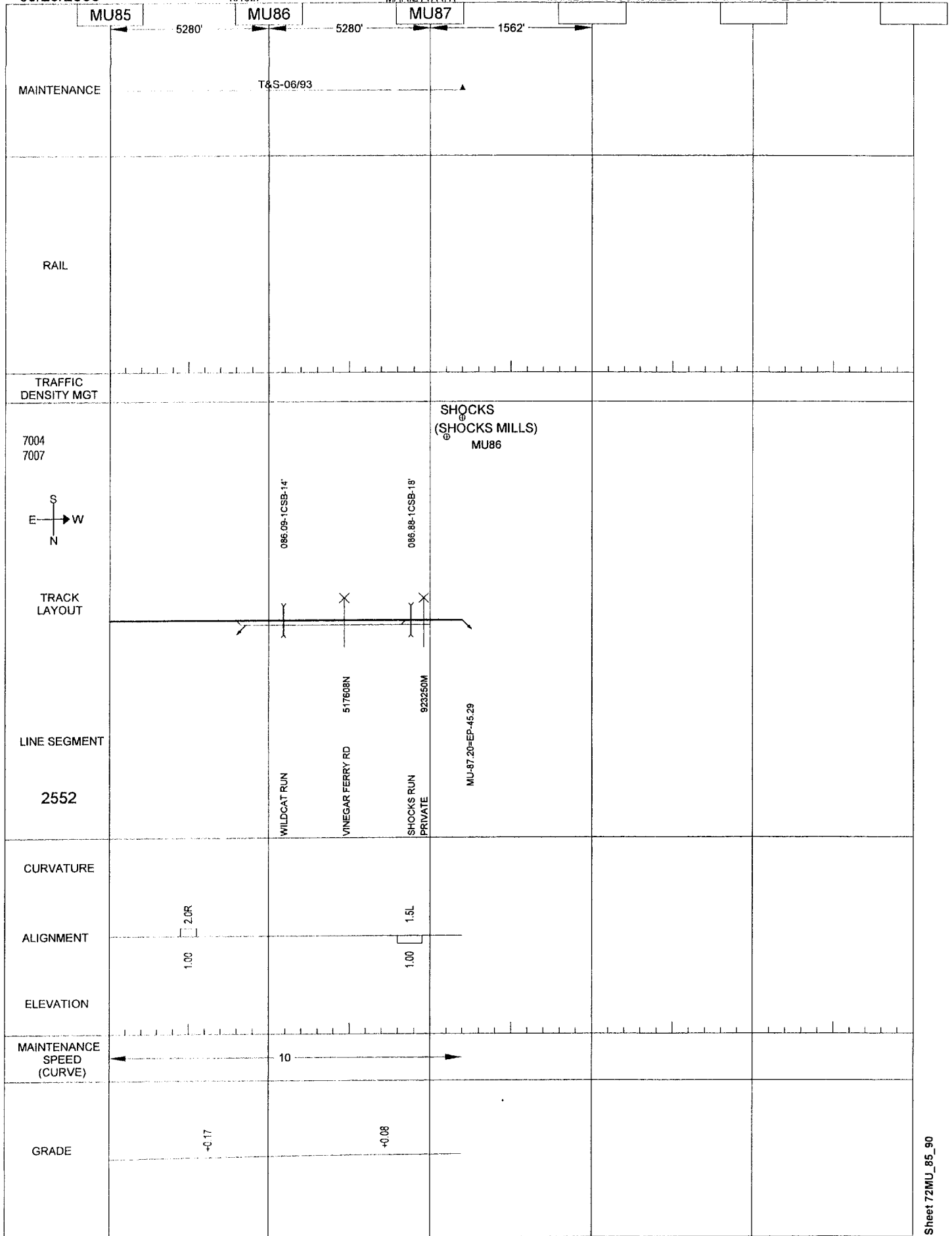
09/29/2009

101327

227
MARIETTA I.T.

MARIETTA-SHOCKS MILLS

HARRISBURG



General Reference Only - Not for Operational Purposes

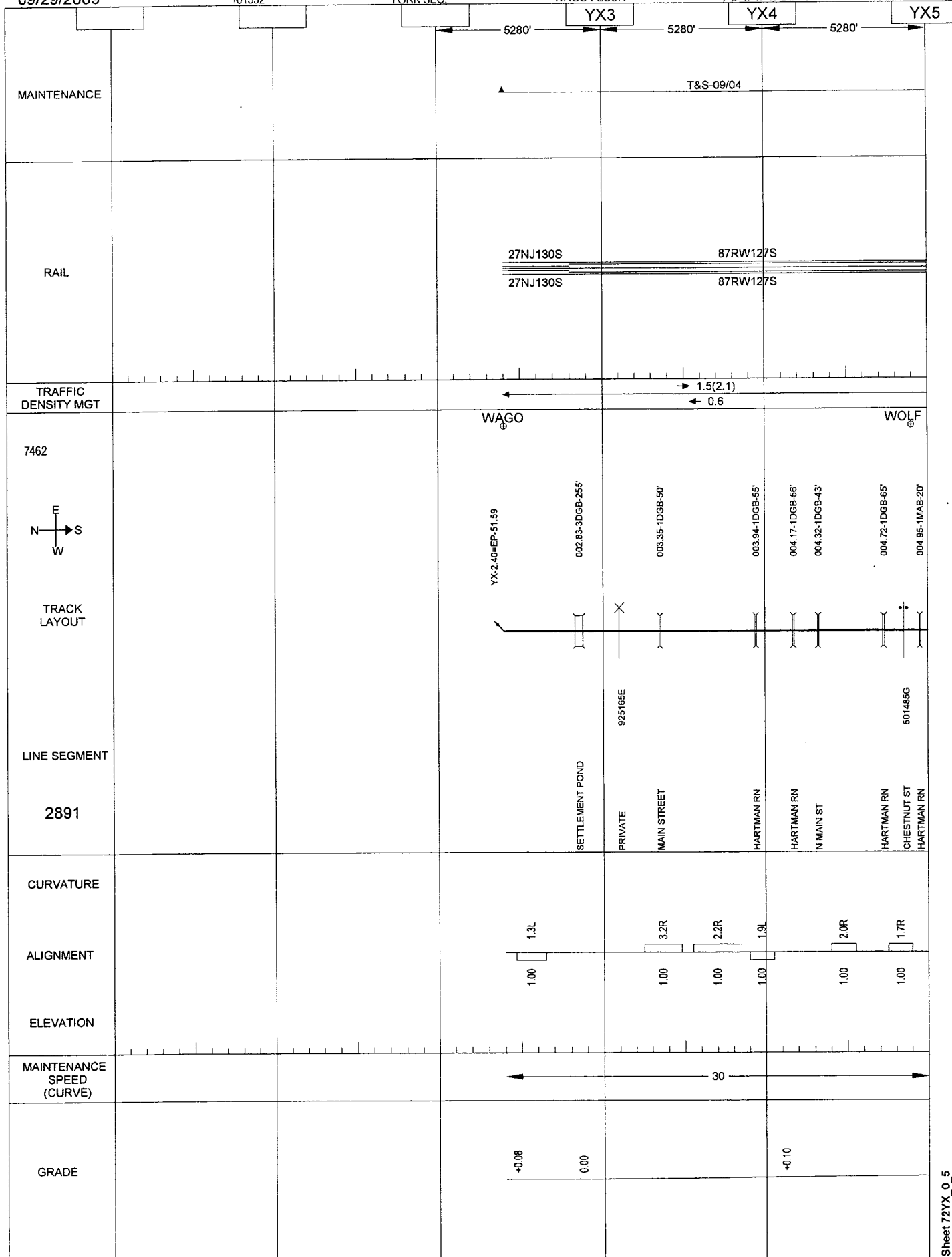
09/29/2009

101332

228
YORK SEC.

WAGO-FLOUR

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72YX_0_5

09/29/2009

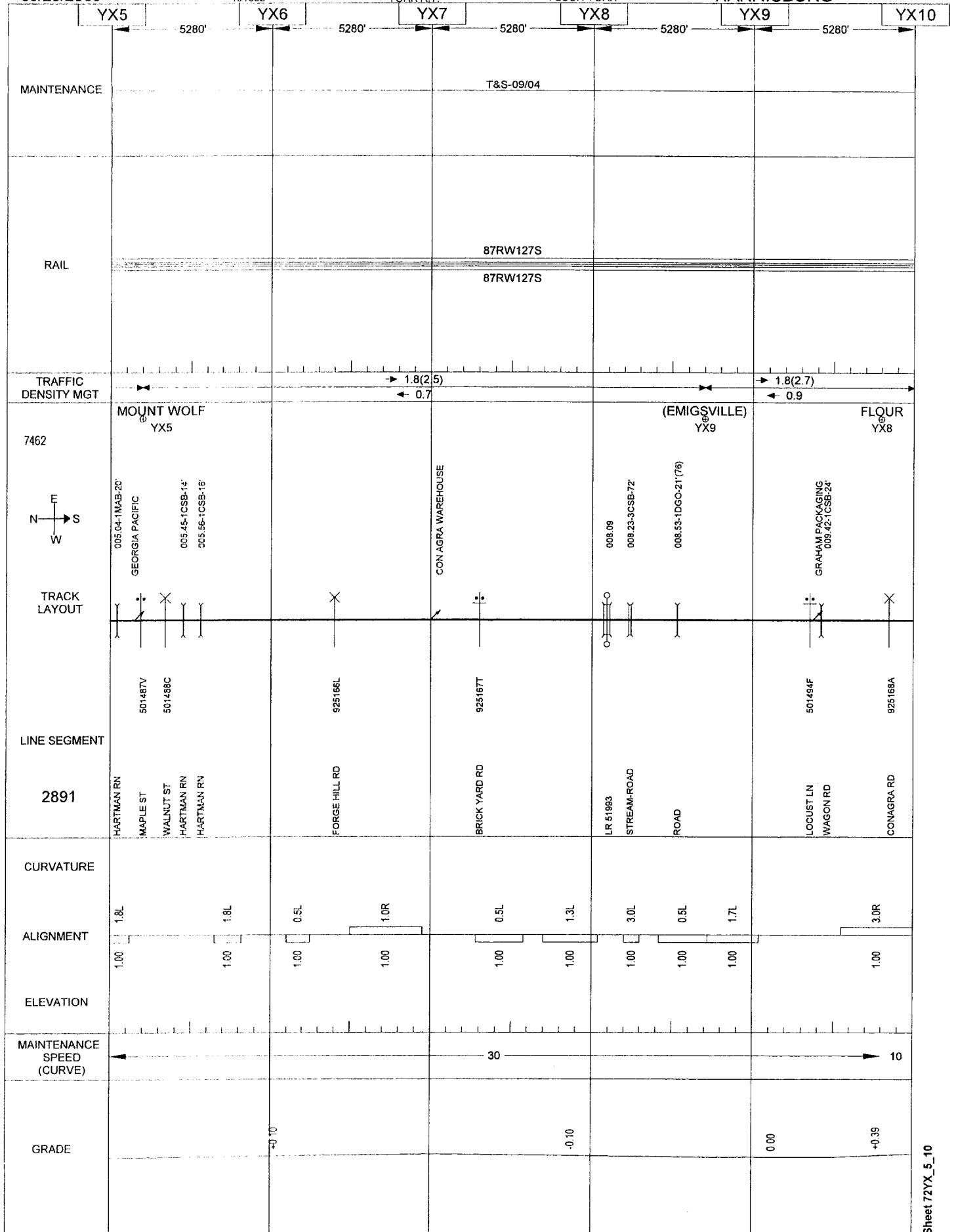
101332

229

YORK R.T.

FLOUR-YORK

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72YX_5_10

09/29/2009

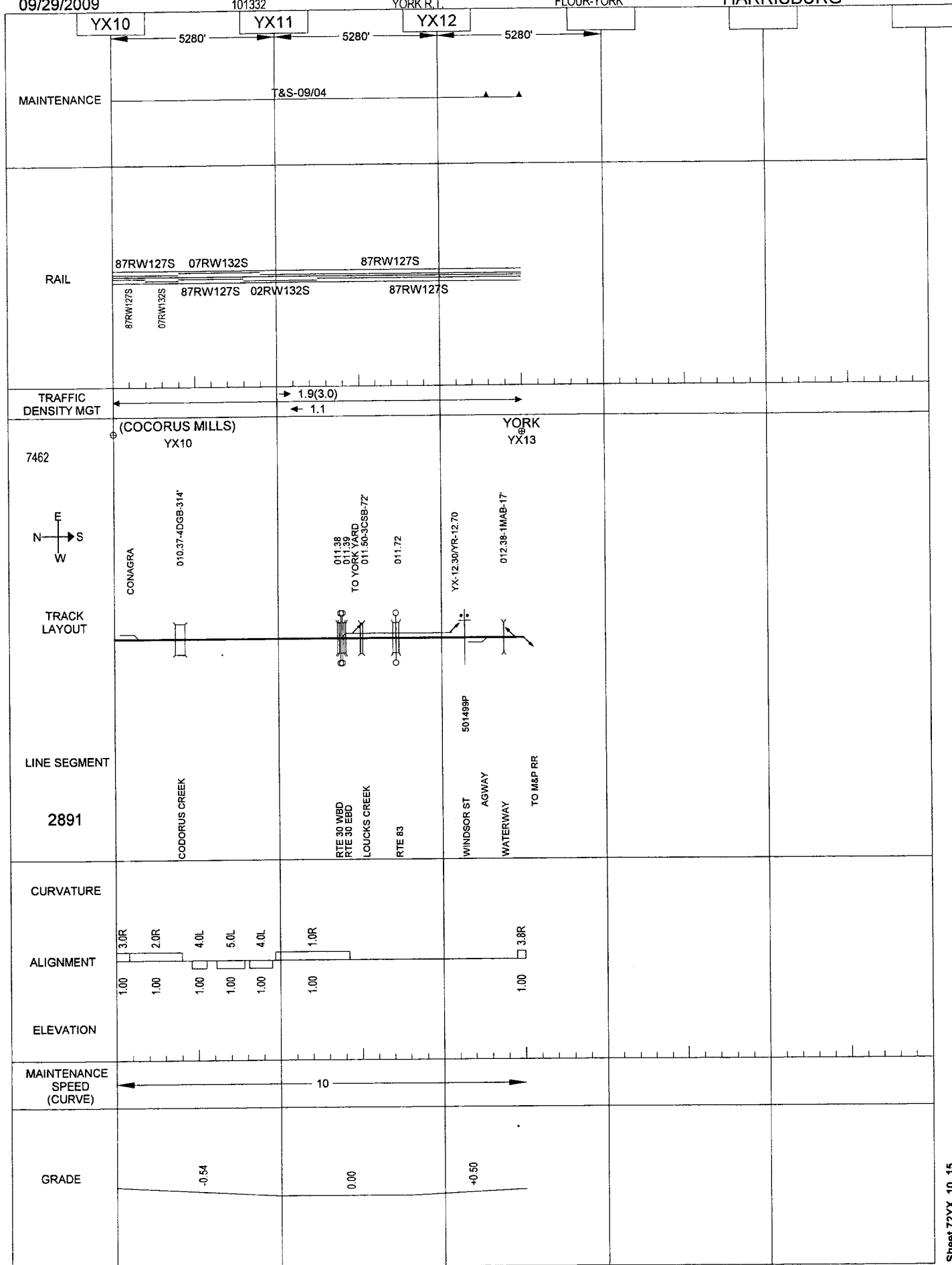
101332

230

YORK R.T.

FLOUR-YORK

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

101340

231
YORK I.J.

STONEY BROOK-YORK

HARRISBURG

YR8

YR9

YR10

5280'

5280'

5280'

T&S-06/87

MAINTENANCE

RAIL

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

TRAFFIC
DENSITY MGT

7007

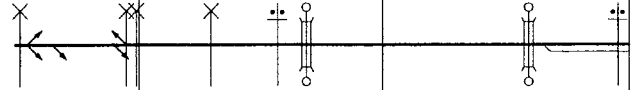


TRACK
LAYOUT

(STONEBROOK)

008.69

009.69



LINE SEGMENT

2882

51782SR
CAMPBELL RD

51783OK
925163R
STONE WOOD RD
PRIVATE

925164X
PRIVATE

517831S
SR 462
YORK-CO-HOM

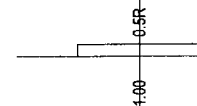
925322V
CONCORD RD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)



10

GRADE

+0.36

+0.58

-0.53

-0.18

General Reference Only - Not for Operational Purposes

Sheet 72YR_5_10

09/29/2009

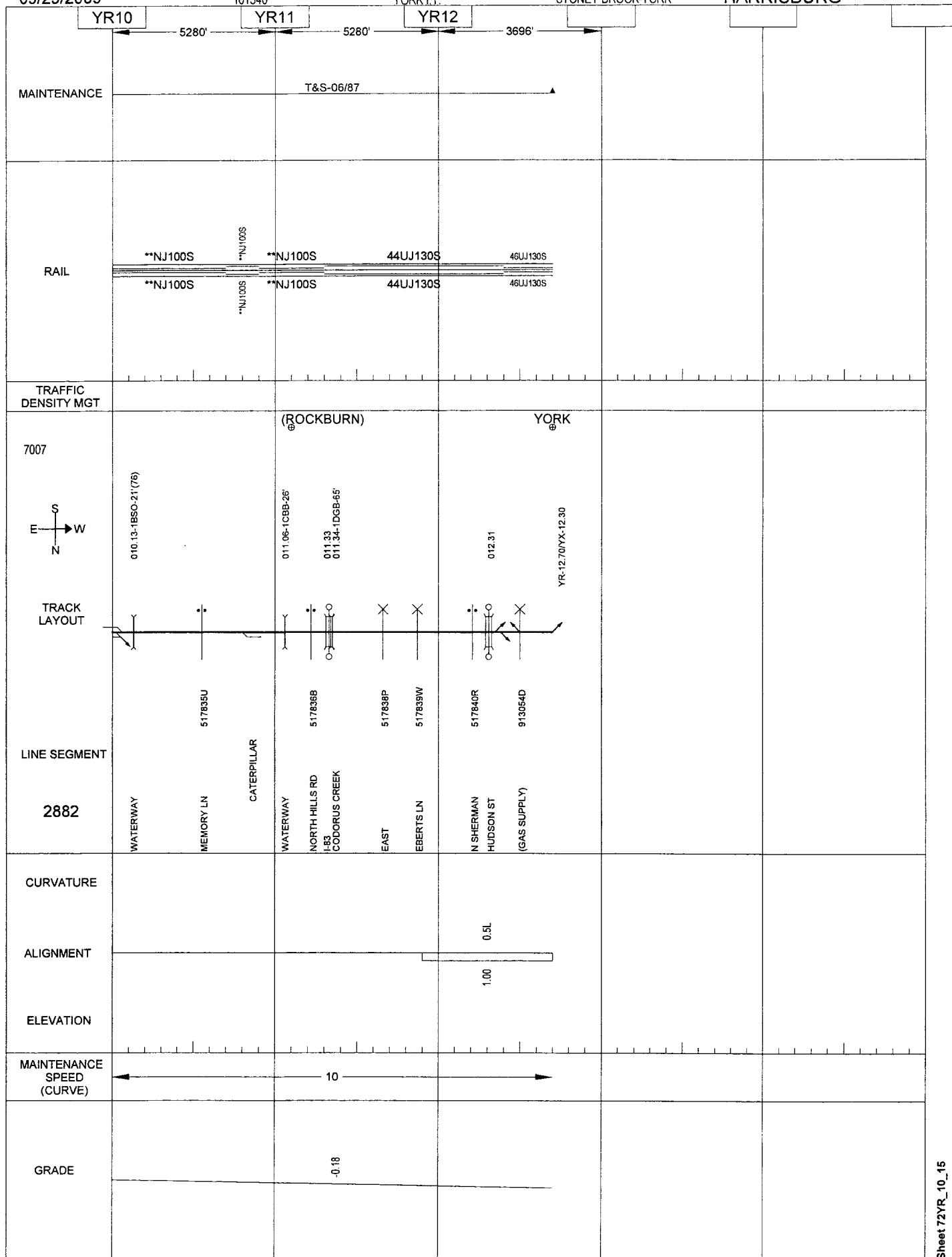
101340

232

YORK I.I.

STONE BROOK-YORK

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72YR_10_15

09/29/2009

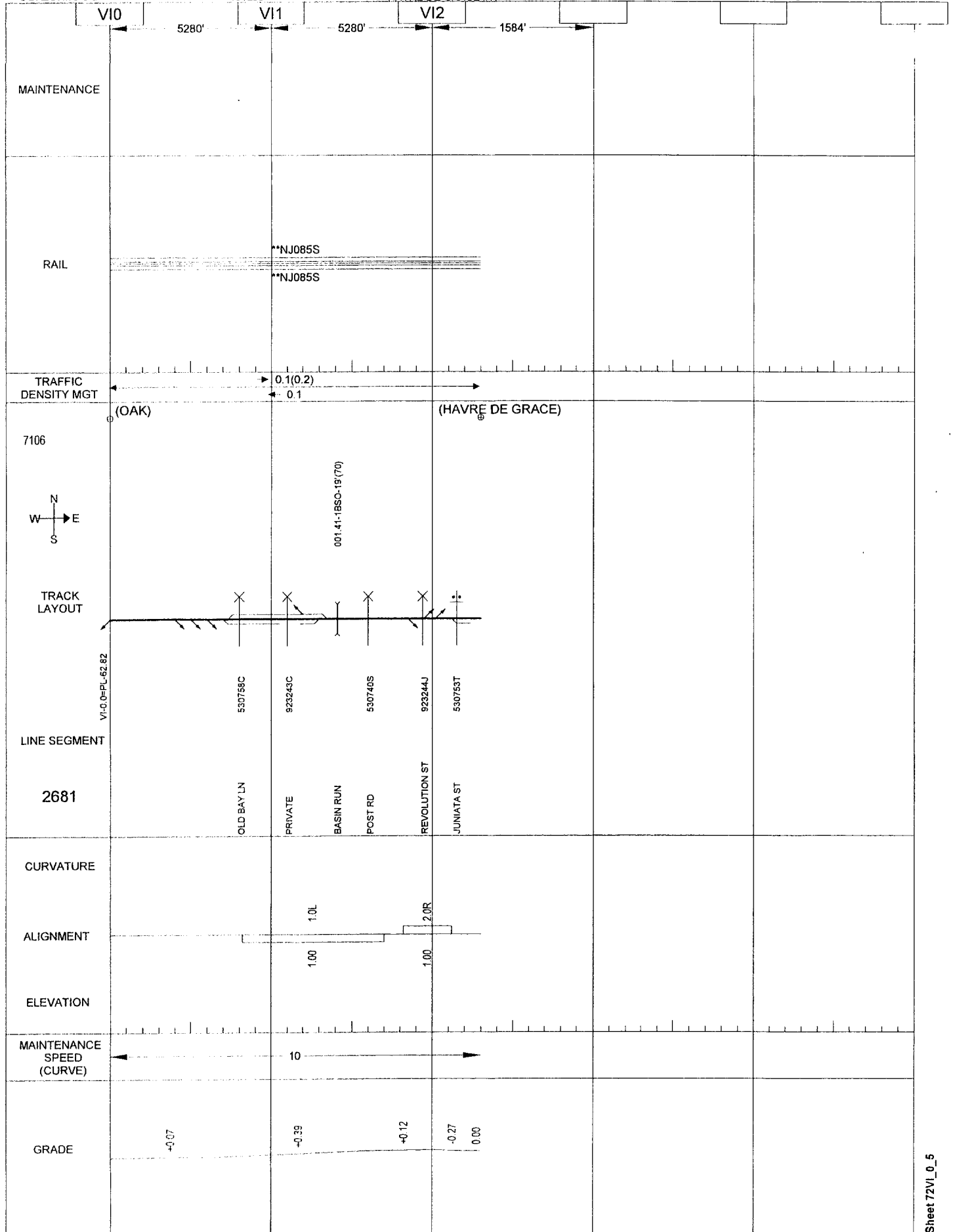
101255

233

HAVRE DE GRACE I.T.

OAK-JUNIATA STREET

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72VI_0_5

09/29/2009

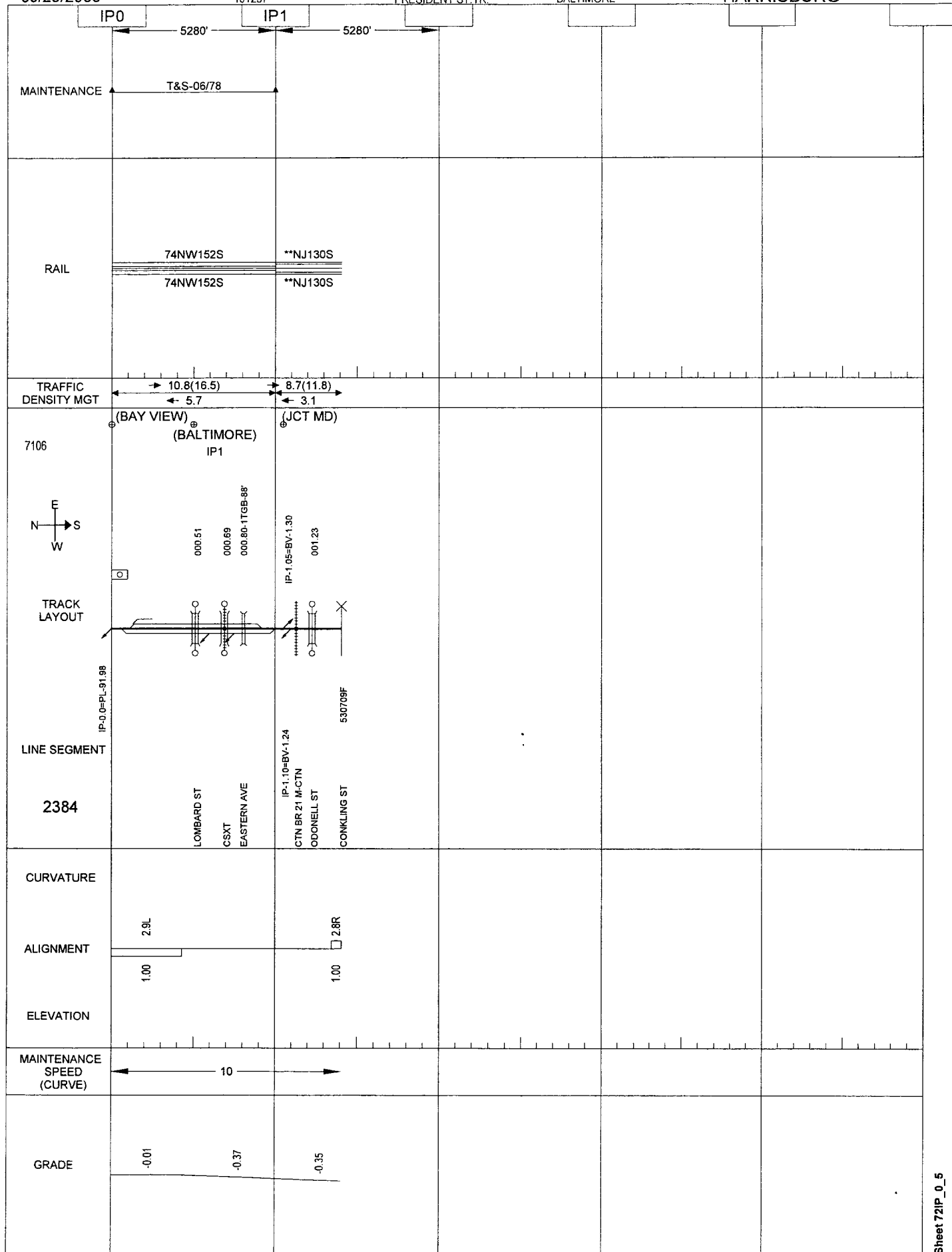
101257

234

PRESIDENT ST. TK.

BALTIMORE

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72IP_0_5

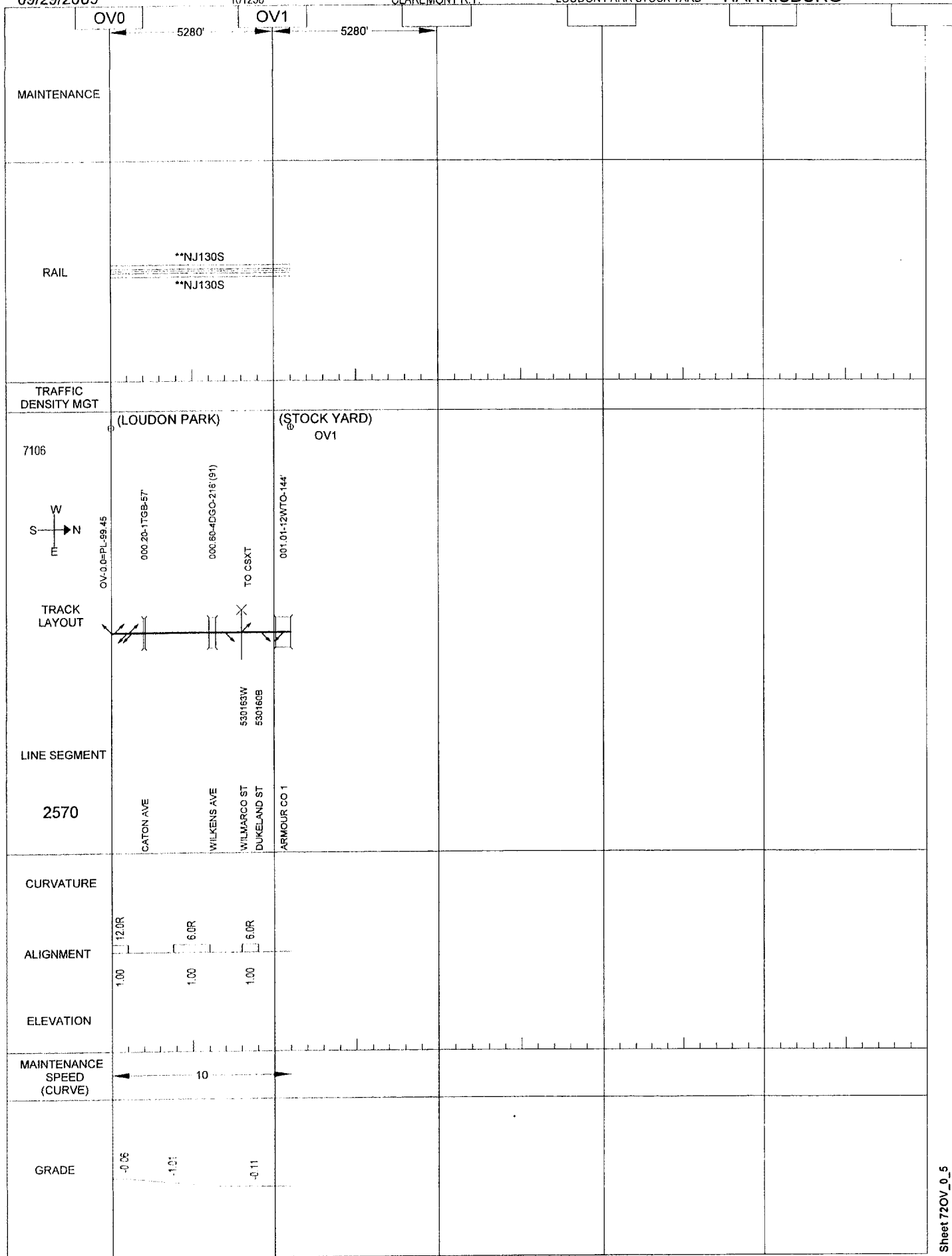
09/29/2009

101258

235
CLAREMONT R.T.

LOUDON PARK-STOCK YARD

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72OV_0_5

HARRISBURG

GK5



T&S-06/85

***NJ131S

****NJ155S**

→ 1.1(1.4)
← 0.3

(WISE AVE YD)

TO BAYVIEW YARD

2381

000.92-1CAB-28'

001.13-2TGB-140'
001.15-1TGB-61'
001.19
001.21

001.96-1CSB-30'

84 LUMBER

003.10

530547F

53054011

530550N

E20EE411/

EASTERN AVE

SEWER

MOFFETT AVE
MOFFETT AVE
EXWY EB
EXWY WB

WATER LINE

NORRIS LN

REDWOOD AVE

BLETZER RD

TEACHING TOOL BOX

ELEVATION

GRADE

0.86

4.75

20

91

2

5

07

•

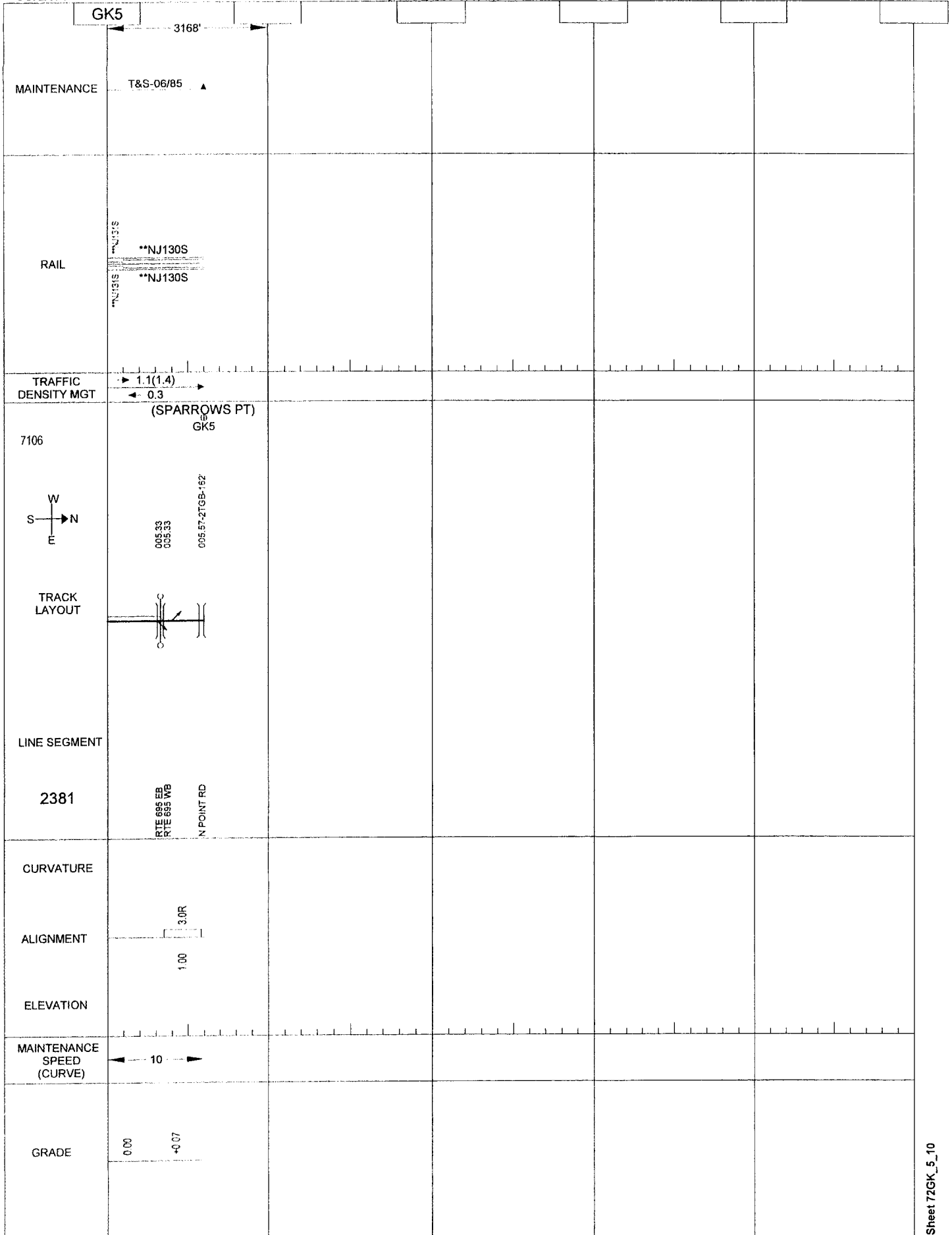
09/29/2009

101259

237
SPARROWS POINT I.T.

BAY VIEW YD-SPARROWS PT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

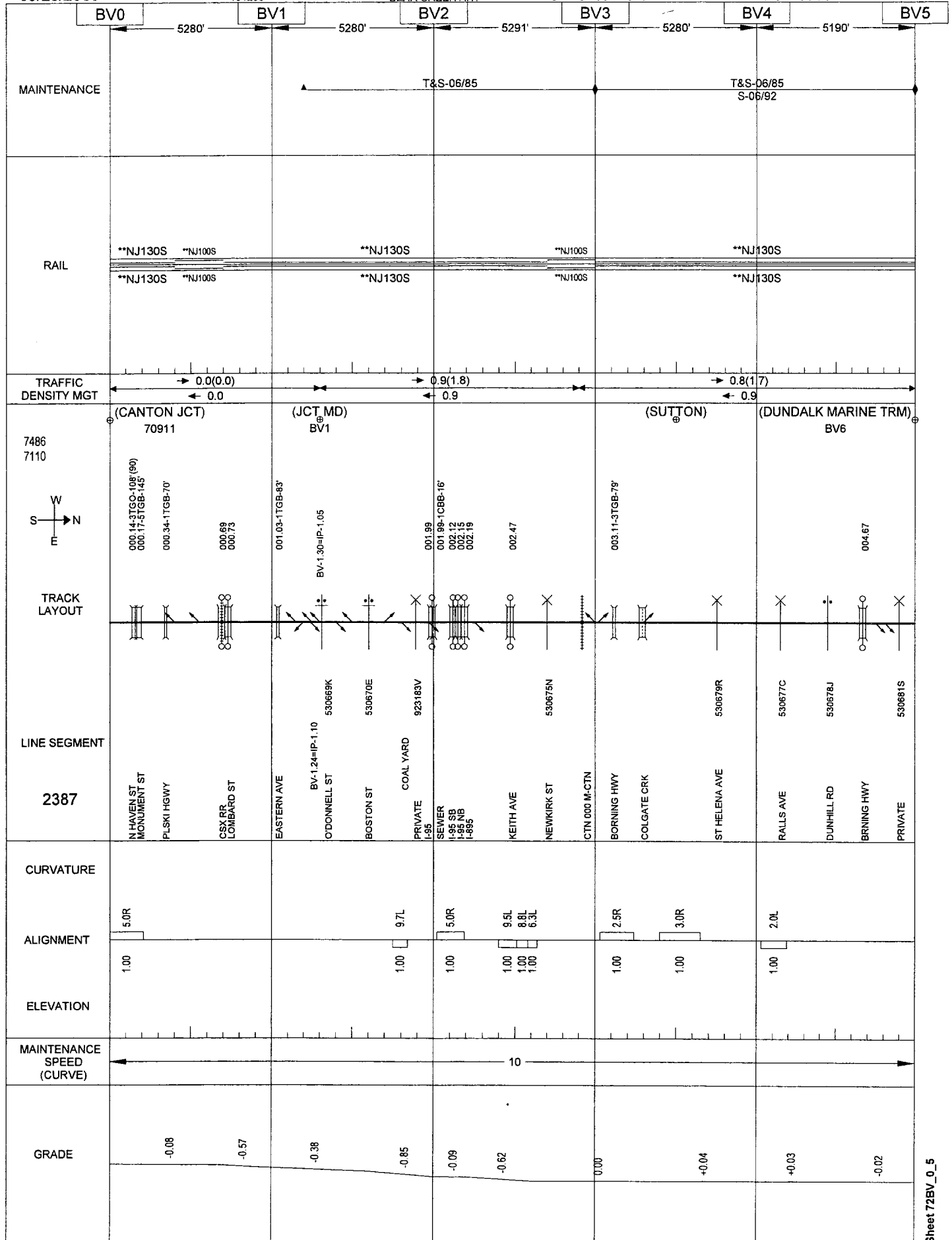
101260

238

BEAR CREEK R.T.

CANTON JCT-DUNDALK

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BV_0_5

09/29/2009

101260

239
BEAR CREEK R.T.

CANTON JCT-DUNDALK

HARRISBURG

BV5

5363'

MAINTENANCE

RAIL

**NJ130S

**NJ130S

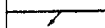
TRAFFIC
DENSITY MGT

(DUNDALK MARINE TRM)
BV6

7110



TRACK
LAYOUT



LINE SEGMENT

2387

CURVATURE

ALIGNMENT

2.0R
1.00

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

-0.02

General Reference Only - Not for Operational Purposes

Sheet 72BV_5_10

09/29/2009

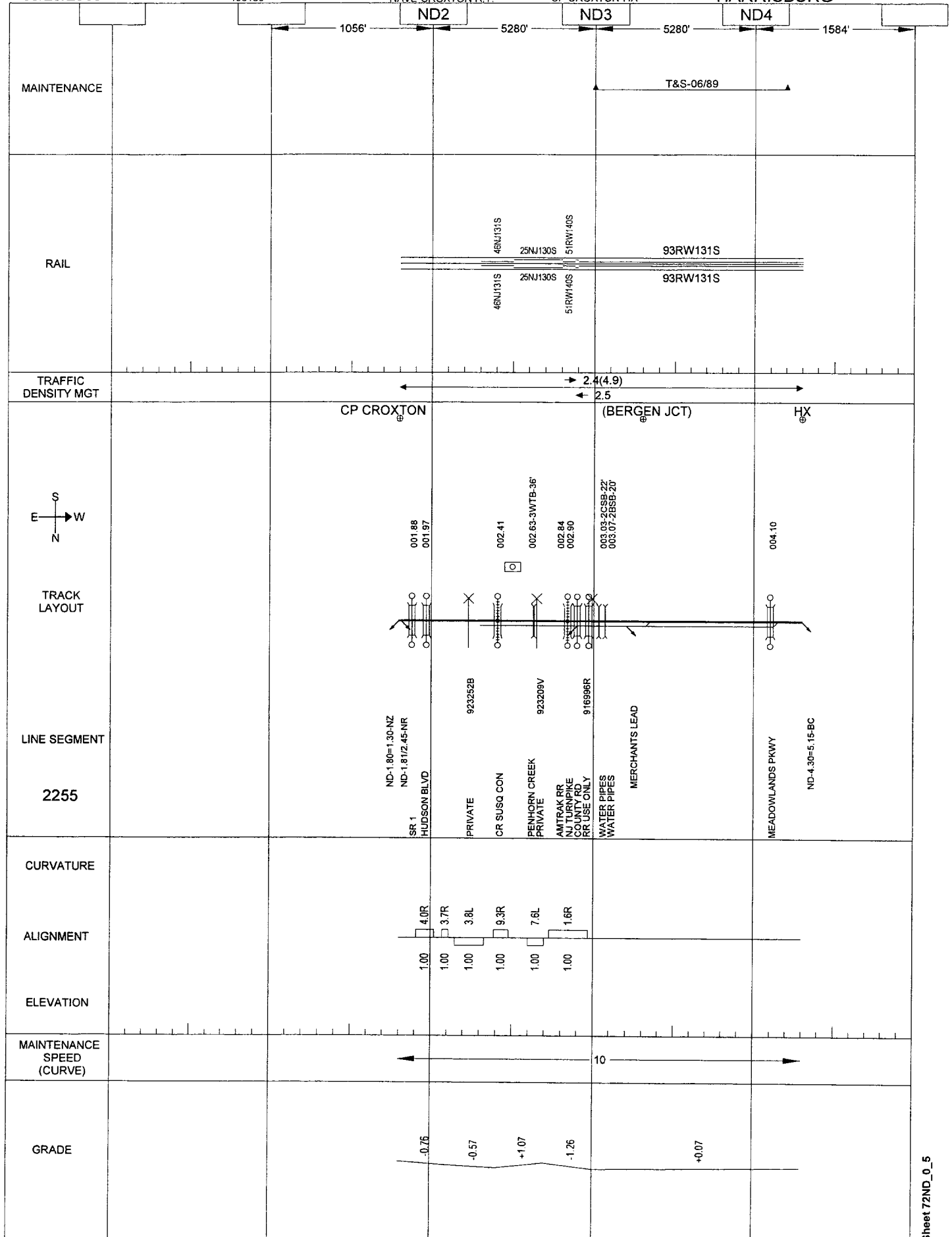
106159

240

NAVE-CROXTON R.T.

CP CROXTON-HX

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72ND_0_5

09/29/2009

106166

241
NEWARK I.T.

WOODSIDE-PATERSON JCT

HARRISBURG

NK9

NK10

4492' 5536'

MAINTENANCE

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

RAIL

30NJ100S 51RJ100S 23NJ100S 27NJ100S
30NJ100S 51RJ100S 23NJ100S 27NJ100S

TRAFFIC
DENSITY MGT

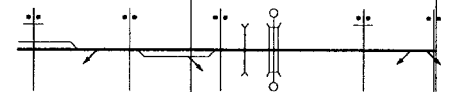
0.0(0.0)
0.0

(WOODSIDE)

S
E → W
N

009.22-1CSB-11'
009.34

TRACK
LAYOUT



LINE SEGMENT

2559

262963T 262965G 262968N 262968C
3RD AVE NAPP GRECCO XING CHESTER AVE SEWER SR 21 GRAFTON MILL ST

CURVATURE

ALIGNMENT

14.0R 3.0L 3.0R
1.00 1.00 1.00

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

-0.50 0.00 +0.35 +0.11

General Reference Only - Not for Operational Purposes

Sheet 72NK_5_10

09/29/2009

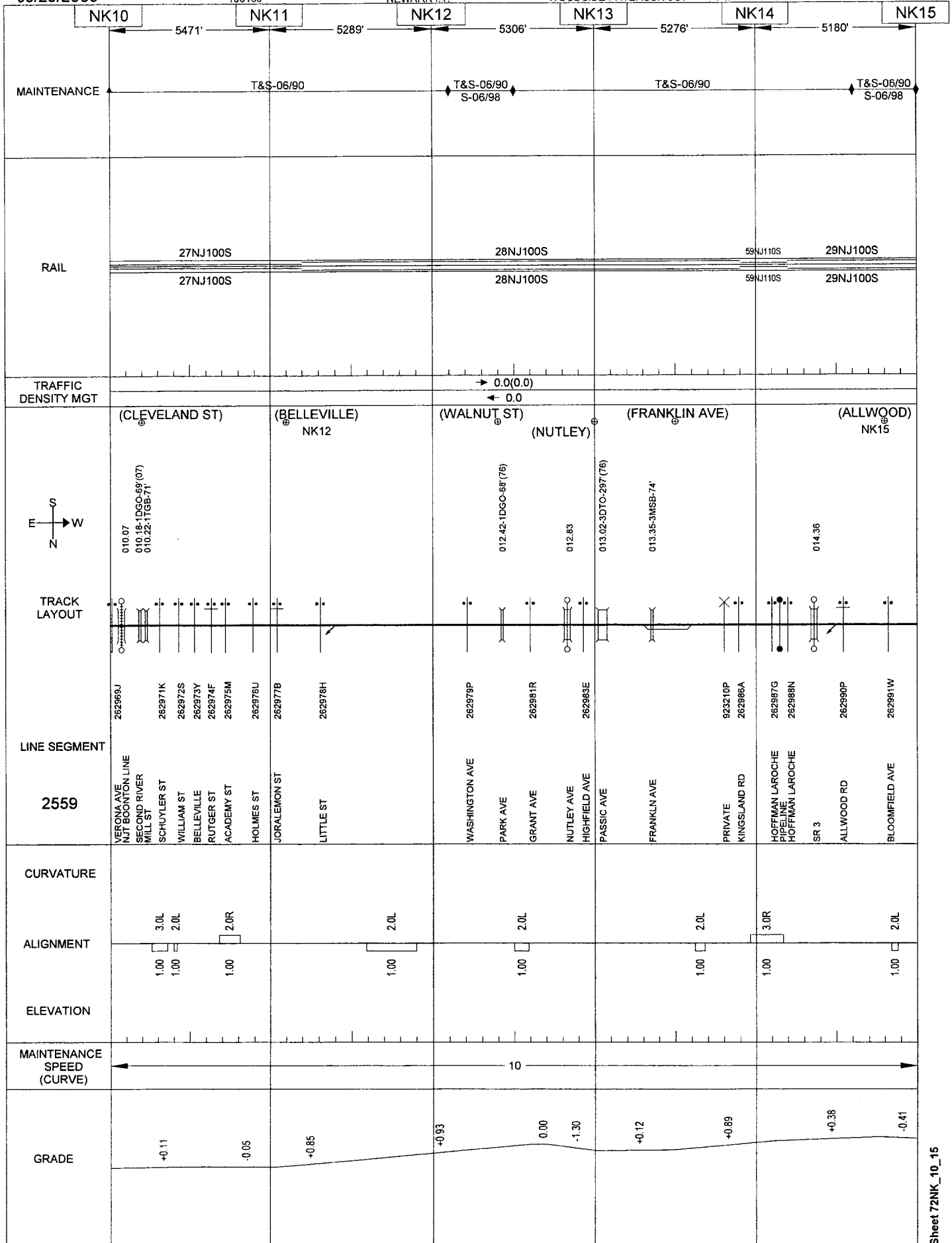
106166

242

NEWARK I.T.

WOODSIDE-PATERSON JCT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

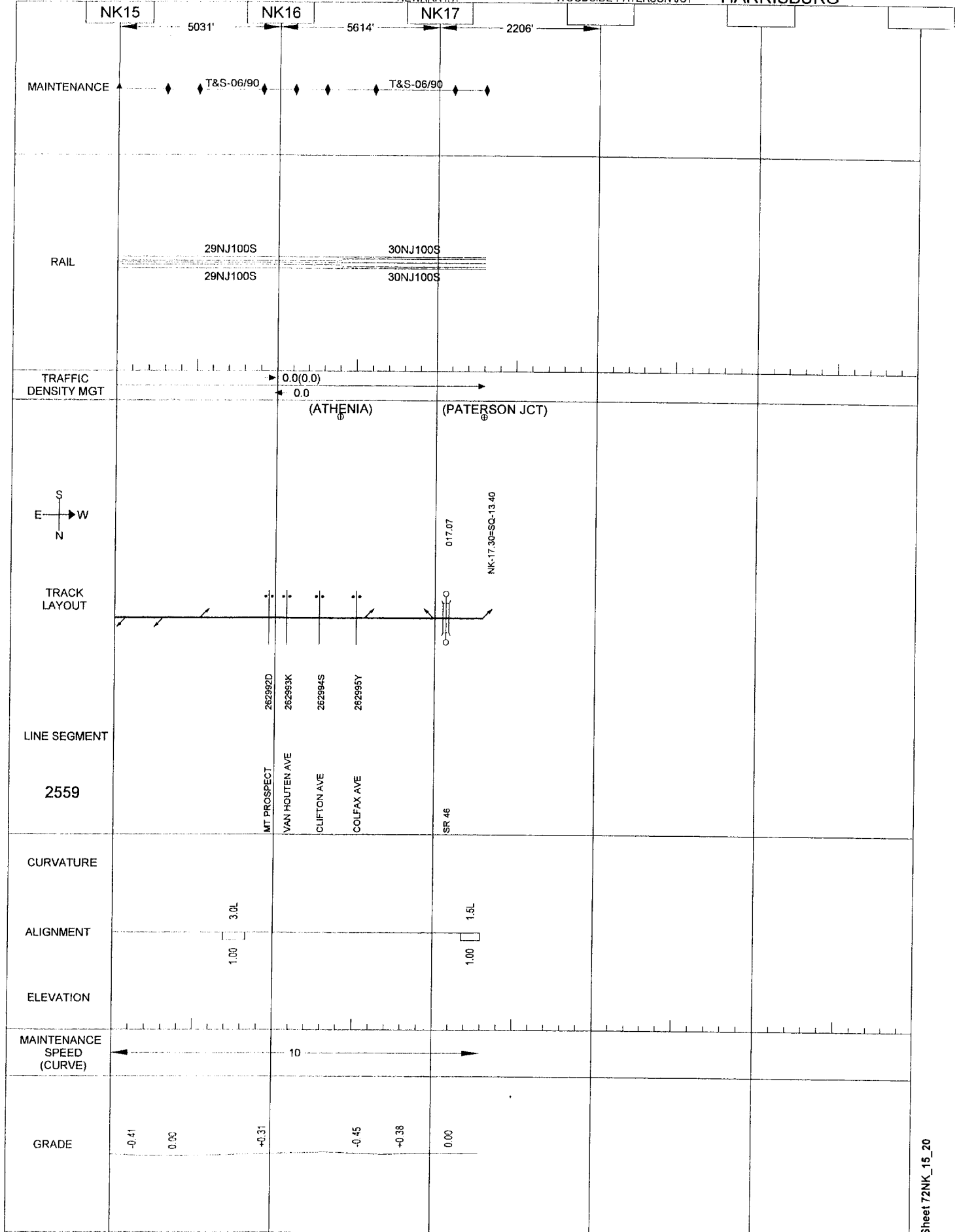
106166

243

NEWARK I.T.

WOODSIDE-PATERSON JCT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

106167

244

CARLTON HILL SPUR

RUTHERFORD-CARLTON HILL

HARRISBURG

UQ9

UQ10

1056'

5280'

MAINTENANCE

RAIL

37NJ131S	36NJ131S	40NJ131S
37NJ131S	36NJ131S	40NJ131S

TRAFFIC
DENSITY MGT(RUTHERFORD JCT)
⊕(CARLTON HILL)
⊕

8309

S
E — W
N

TRACK
LAYOUT

UQ-8.80-8.70-BC

009.21

MONTROSS AVE

LINE SEGMENT

2660

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

+0.70

-0.87

-0.24

General Reference Only - Not for Operational Purposes

Sheet 72UQ_5_10

09/29/2009

106167

245

CARLTON HILL SPUR

RUTHERFORD-CARLTON HILL

HARRISBURG

UQ10

1056'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8309

TRACK
LAYOUT

26329X

LINE SEGMENT

2660

JACKSON AVE

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

-0.24

General Reference Only - Not for Operational Purposes

09/29/2009

106168

246

PASSAIC SPUR

PASSAIC-PATERSON

HARRISBURG

IA13

IA14

IA15

5280'

5280'

5280'

MAINTENANCE

RAIL

54RJ115S
54RJ115S

40NJ112S

40NJ112S

38NJ112S

38NJ112S

TRAFFIC
DENSITY MGT

8309

S
E → W
NTRACK
LAYOUT

LINE SEGMENT

2519

(CLIFTON)
Ⓟ(LAKEVIEW)
Ⓟ
IA14

012.20-1CAB-19'

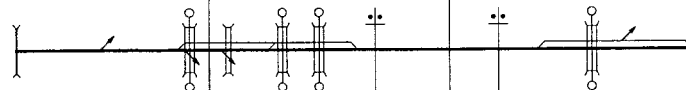
012.92

013.07-3TGB-117

013.31

013.46

014.58



WEASEL BROOK

PIAGET AVE

ST ROUTE 46

GARDEN STATE PKWY

CROOKS AVE

GOULD AVE

MADISON AVE

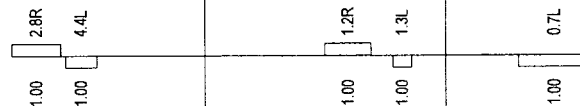
CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE



10

-0.45

-0.46

General Reference Only - Not for Operational Purposes

Sheet 72IA_10_15

09/29/2009

106168

247

PASSAIC SPUR

PASSAIC-PATERSON

HARRISBURG

IA15

1848'

MAINTENANCE

RAIL

35° 11' 25" 35° 11' 25"

TRAFFIC
DENSITY MGT

8309

(PATERSON)
XW

TRACK
LAYOUT

LINE SEGMENT

2519

TO NJT (SUSQ. ML.)

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

+0.70

General Reference Only - Not for Operational Purposes

Sheet 72IA_15_20

09/29/2009

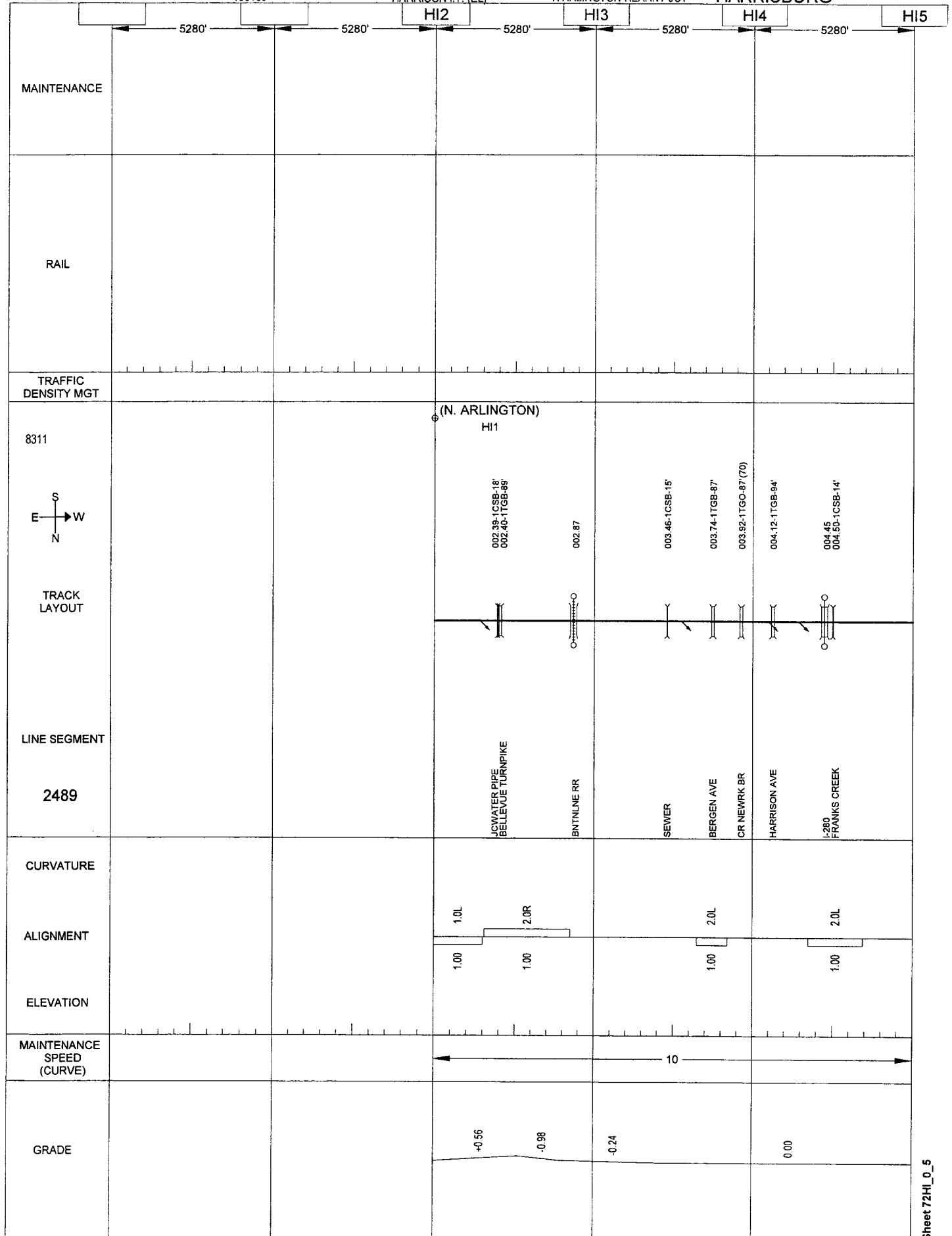
106169

248

HARRISON I.T. (EL)

N ARLINGTON-KEARNY JCT

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72HI_0_5

09/29/2009

106169

249

HARRISON I.T. (EL)

N ARLINGTON-KEARNY JCT

HARRISBURG

HI5

2640'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

(KEARNY JCT)

8311

TRACK
LAYOUT

TO NJT (MORSTWYN ML)

LINE SEGMENT

2489

CURVATURE

ALIGNMENT

2.3L 3.5L
1.00 1.00

ELEVATION

MAINTENANCE
SPEED
(CURVE)

← 10 →

GRADE

0.00

General Reference Only - Not for Operational Purposes

09/29/2009

106170

250
ORANGE I.T.

FOREST HILL-GREAT NOTCH

HARRISBURG

90J

100J

2640' 5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8311

TRACK
LAYOUT

LINE SEGMENT

2714

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

**RJ110S 41RJ110S 50RJ110S 43RJ110S 47RJ110S
 **RJ110S 41RJ110S 50RJ110S 43RJ110S 47RJ110S

0.0(0.0)

0.0

FOREST HILL

SILVER LAKE

100J

BLOOMFIELD

8.50-OJ=WD-8.45

009.00-5CSB-470'
 009.11-2CSB-88'
 009.21-1MAB-12'

263317T
 HIGHLAND AVE

263316A
 MANCHESTER PL
 BRANCH BREAK PARK
 FRANKLIN AVE

263321H
 STORM SEWER
 FRANKLIN AVE
 BELMONT AVE

263323W
 GROVE ST
 263324D
 BLOOMFIELD AVE

5.5L
 1.00

3.0R
 1.00

15

+1.89 +0.39 -0.95 0.00 +1.09

General Reference Only - Not for Operational Purposes

Sheet 72 OJ_5_10

09/29/2009

106170

251
ORANGE I.T.

FOREST HILL-GREAT NOTCH

HARRISBURG

100J

5280'

MAINTENANCE

RAIL

**R11CS
**NJ100S
**NJ100S
**R11CSTRAFFIC
DENSITY MGT▶ 0.0(0.0)
◀ 0.0GREAT NOTCH
⊕

8311

S
E → W
N

010.24

010.49

TRACK
LAYOUT

LINE SEGMENT

2714

ARLINGTON AVE
LAWRENCE ST
GARDEN STATE PKWY
263326S

CURVATURE

ALIGNMENT

1.0R

1.00

ELEVATION

MAINTENANCE
SPEED
(CURVE)

← 15 →

GRADE

+1.09

-0.33

General Reference Only - Not for Operational Purposes

09/29/2009

106172

252
POMPTON I.T.
PQ22

MOUNTAIN VIEW-POMPTON JC HARRISBURG

5280' 5116'

MAINTENANCE

T&S-06/90

RAIL

26NJ100S
26NJ100S

TRAFFIC
DENSITY MGT

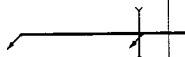
(MOUNTAIN VIEW)

8311

S
E → W
N

021.88-1CSB-12'

TRACK
LAYOUT



LINE SEGMENT

PQ-21.40=WD-21.40

PQ-21.90=TO-21.00

SPRING ROAD

2582

CURVATURE

ALIGNMENT

ELEVATION

2.0R
1.00

MAINTENANCE
SPEED
(CURVE)

10

GRADE

0.00

General Reference Only - Not for Operational Purposes

Sheet 72PQ_20_25

TO20

RAIL

TRAFFIC DENSITY MGT

8311



TRACK LAYOUT

LINE SEGMENT

2636

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

(LITTLE FALLS)

(TOTOWA)
TO19

018.21

018.79
018.91

019.15

019.73-1DGO-44'(NA)

LACKAWANNA AVE 266803T

UNION BLVD
PRIVATE
266804A

MINISINK RD

RIVERVIEW RD

TAFD RD 266795D

5R

1.00

.OR

1.00

00.4

-0.08-

General Reference Only - Not for Operational Purposes

Sheet 72TO_15_20

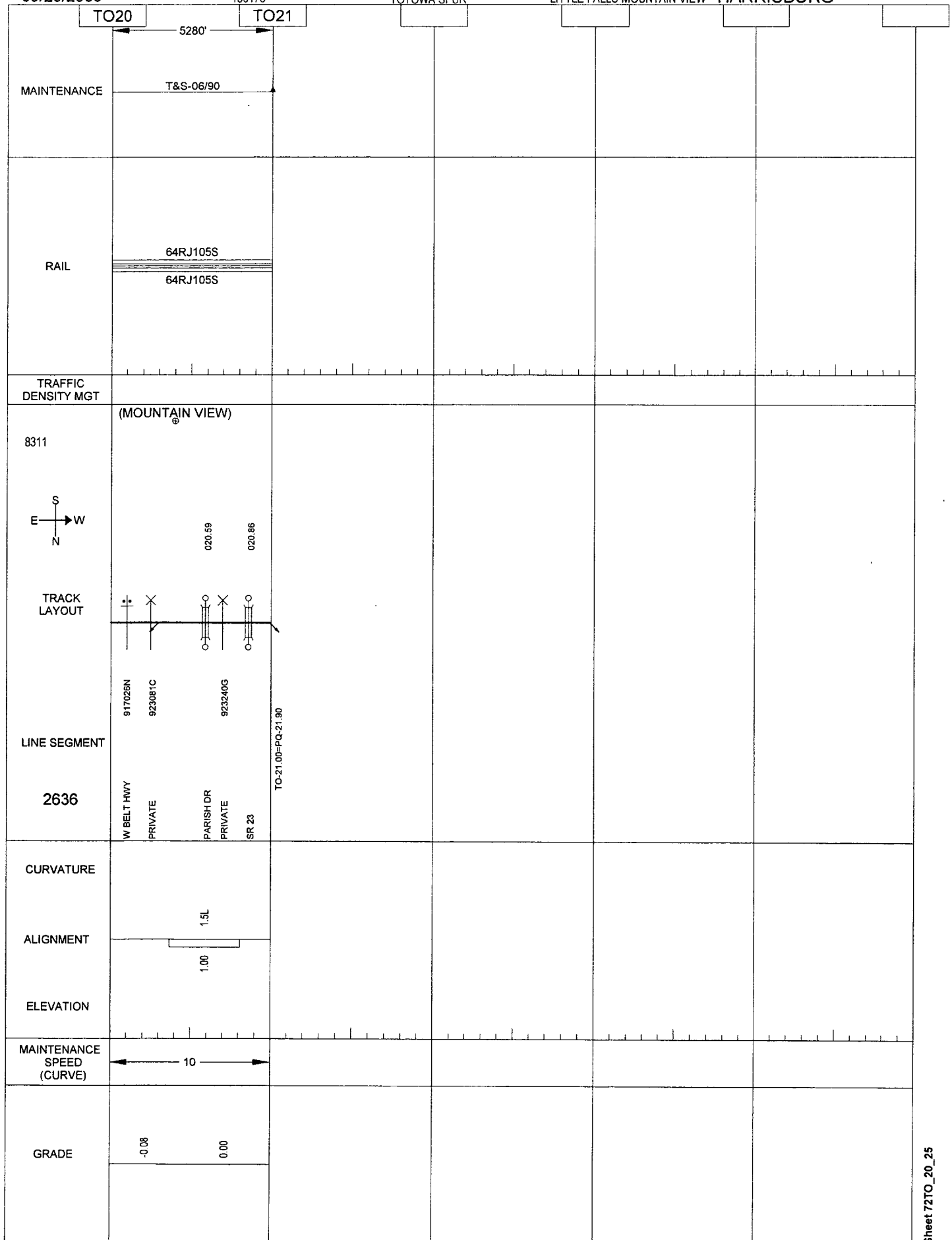
09/29/2009

106173

254

TOTOWA SPUR

LITTLE FALLS-MOUNTAIN VIEW HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

106192

255
WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG

WD58

WD59

WD60

5277'

5280'

5229'

5332'

5275'

MAINTENANCE

T&S-06/90

RAIL

**RJ105S

**RJ105S

TRAFFIC
DENSITY MGT

→ 0.1(0.3)

← 0.2

BILL

S
E → W
N

TRACK
LAYOUT

TO NJT

058.00-1CSB-35'

058.11-1CSB-12'

058.20

058.34

058.61

059.18-1CSB-17'

059.42-1MAB-16'

059.64-1BSO-17'(66)

LINE SEGMENT

2232

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

GRAND AVE
WATERWAY

ALLEN RD

DIRT RD

DIRT RD

266975B

AIRPORT RD

CATTLE PASS

WATERWAY

CATTLE PASS

HAZEN RD

266972F

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

GRADE

0.00

-0.71

+0.89

General Reference Only - Not for Operational Purposes

Sheet 72WD_55_60

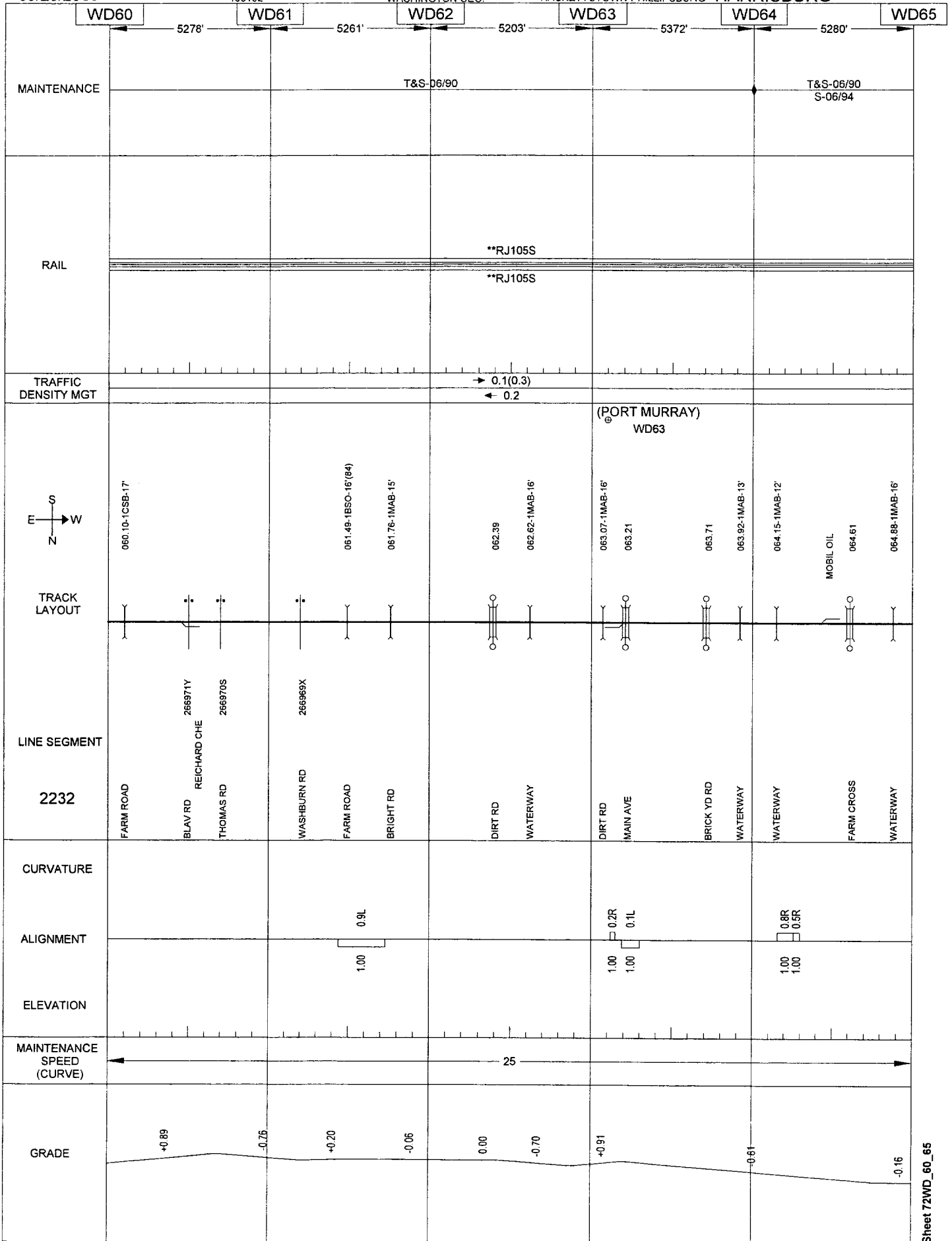
09/29/2009

106192

256
WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72WD_60_65

09/29/2009

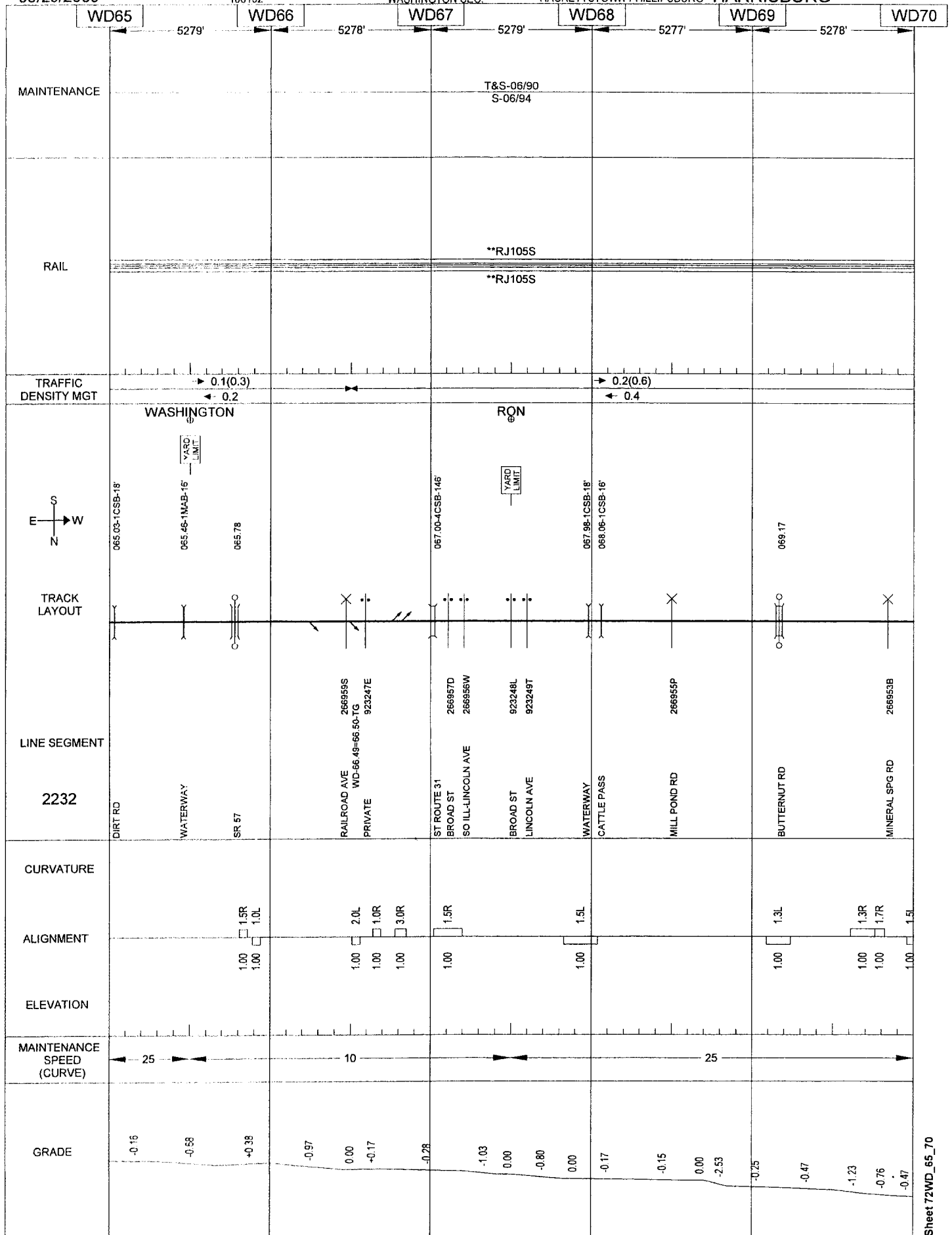
106192

257

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72WD_55_70

09/29/2009

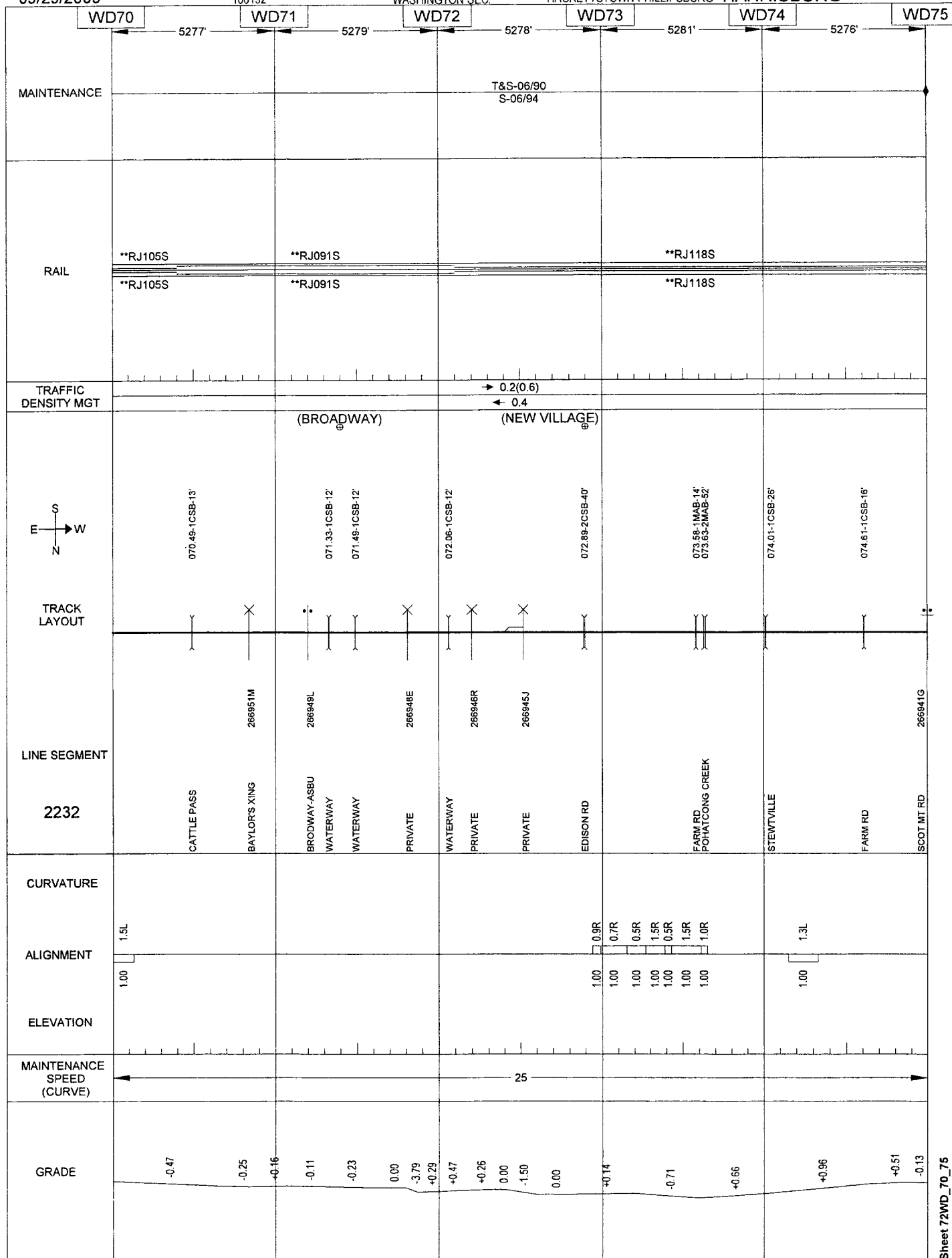
106192

258

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

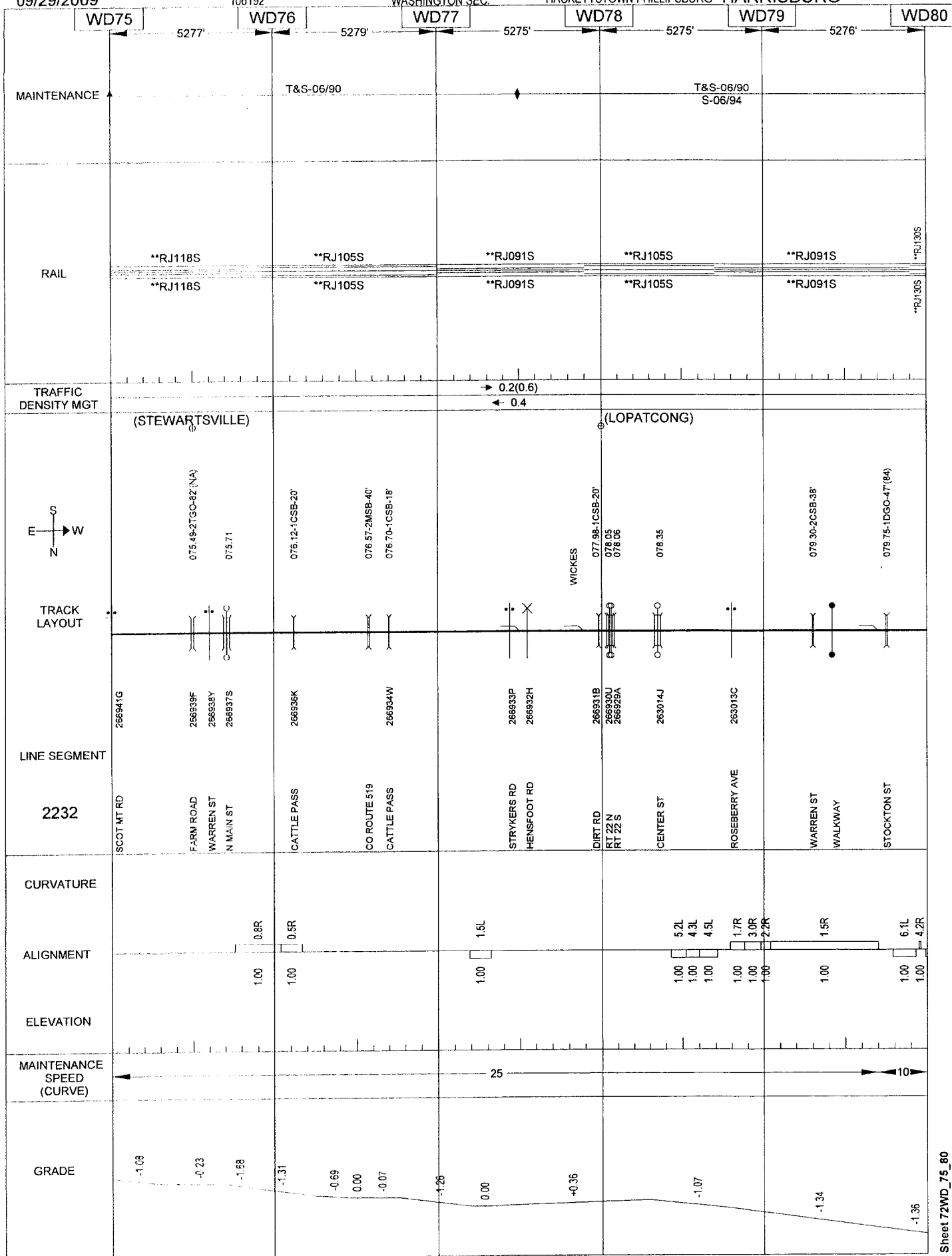
09/29/2009

259

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72WD_75_80

09/29/2009

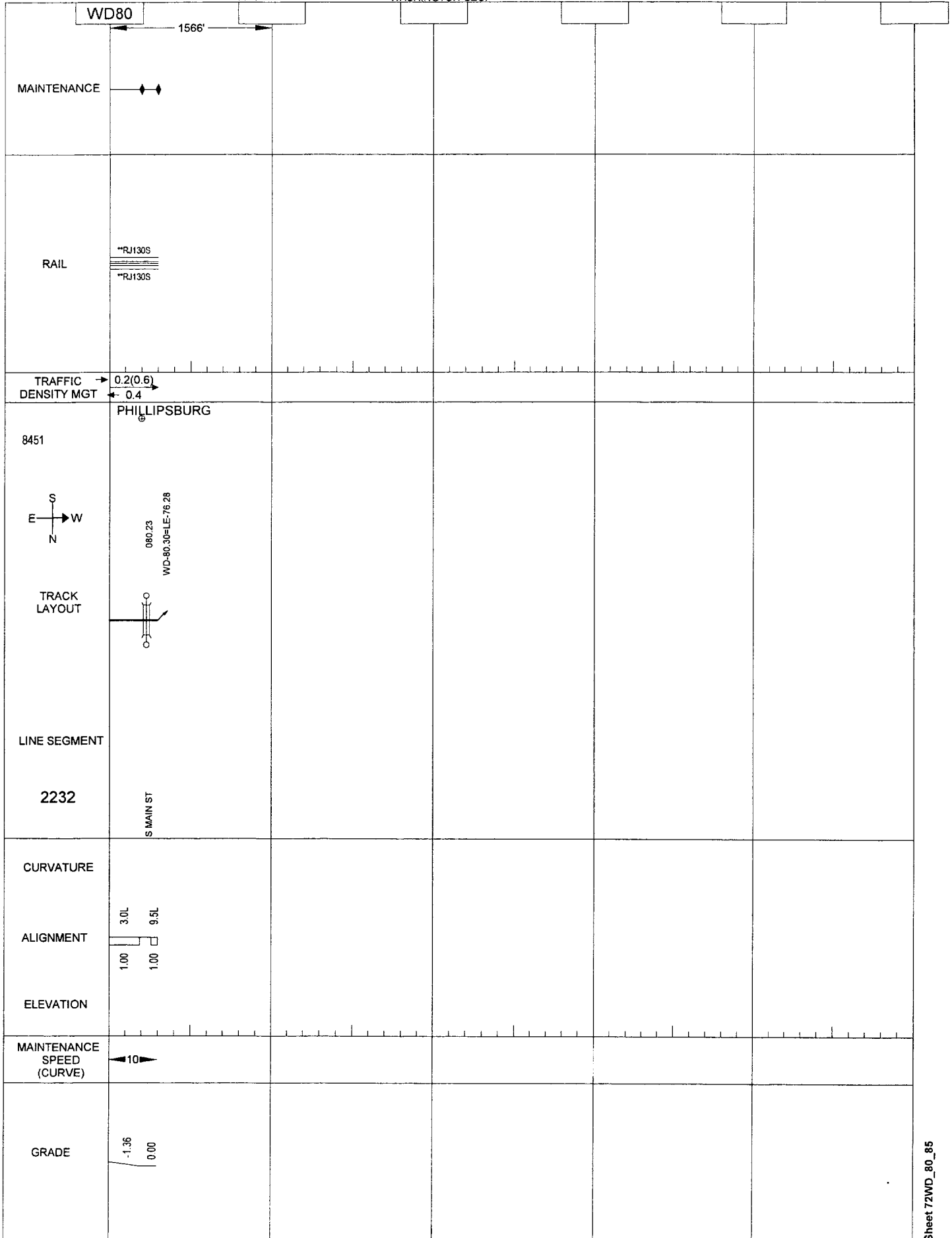
106192

260

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBURG

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

106194

261
OLD ROAD L.T.
67TG

WASHINGTON-END

HARRISBURG

2640'

3168'

MAINTENANCE

RAIL

**RJ105S

**RJ105S

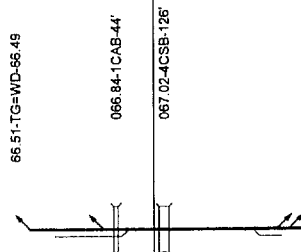
TRAFFIC
DENSITY MGT

→ 0.0(0.0)

← 0.0

(WASHINGTON)

8326

TRACK
LAYOUT

LINE SEGMENT

2810

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

-0.43

+1.07

-0.19

General Reference Only - Not for Operational Purposes

09/29/2009

306301

262
SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG

SR213

SR214

SR215

4986'

5285'

T&S-07/04

T&S-07/04

#2
MAINTENANCE
#1

RAIL

#2
#1

45NJ132S 47NJ131S 53NJ132S 88RW140S

45NJ131S 45NJ132S 47NJ131S 53NJ132S 48NJ132S 88RW140S

04RWF132S 53NJ132S 88RW140S 63RJ132S

45NJ131S 04RWF132S 53NJ132S 88RW140S 63RJ132S 04RWF132S

TRAFFIC
DENSITY MGT→ 7.3(9.6#2)
← 11.8(9.6#1)

8328

LIBERTY ST.

BINGHAMTON
SR214
PROSPECT AVE.S
E → W
NTRACK
LAYOUT#2
#1

BD

TEST MILE

213.28-1TGB-80'

213.49-1MAB-10'

213.50-4CSB-66'

213.60

214.01

214.15-19MSC-1150'(88/92)

214.42-3MSB-71'

214.48-4CSB-76'

214.62-4CSB-72'

LINE SEGMENT

2093

COURT ST
CP SMI 16 MANS

CITY SEWER
BRANDY AVE
SR 363, BRANDYWINE

CHENANGO ST

STATE ST, WATER ST

FRONT ST

CLINTON ST

MURRAY ST

CURVATURE

#2

ALIGNMENT

ELEVATION

#1

MAINTENANCE
SPEED
(CURVE)30
30

GRADE

+0.24

+0.28

-0.11

General Reference Only - Not for Operational Purposes

Sheet 72SR_210_215

09/29/2009

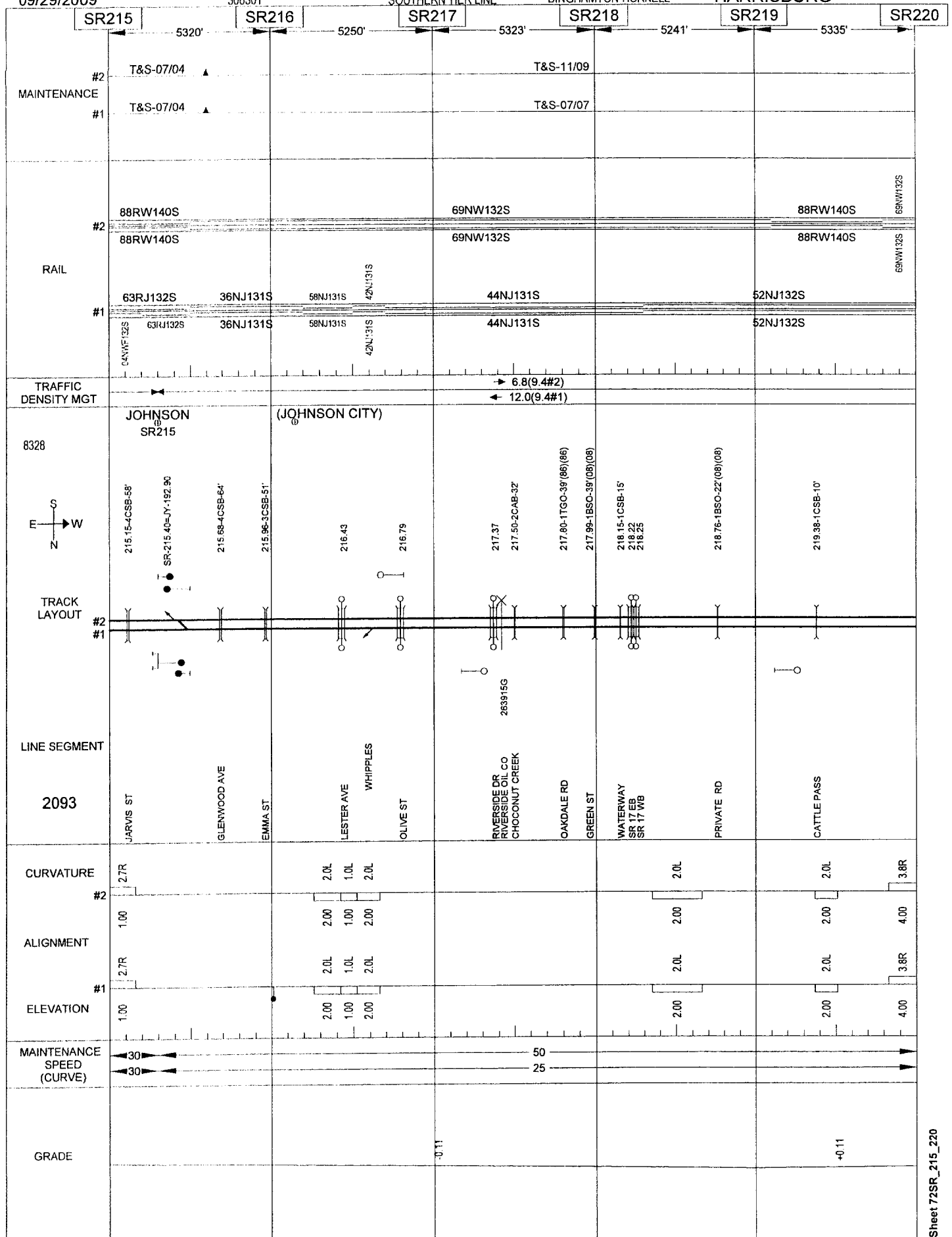
306301

263

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_215_220

09/29/2009

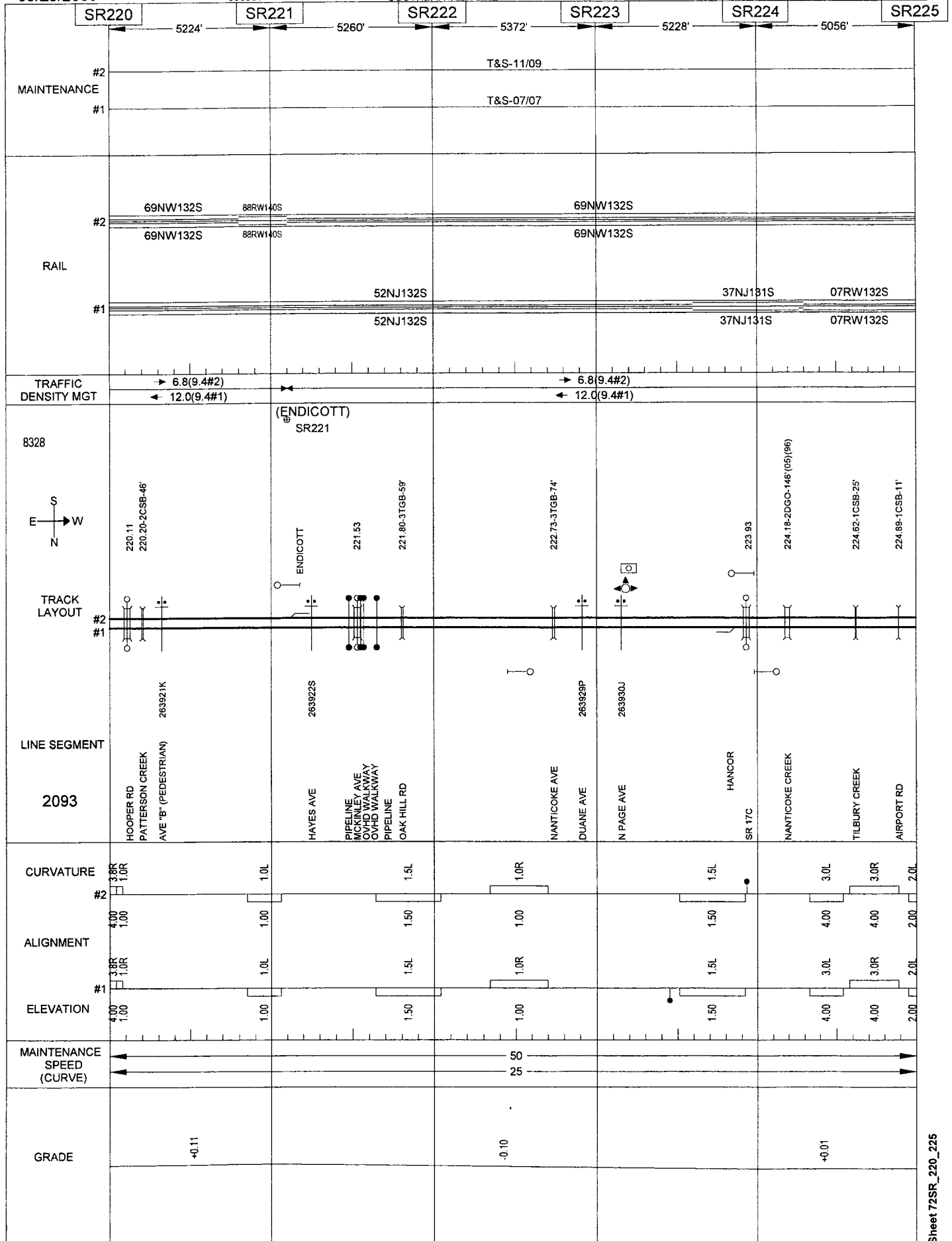
306301

264

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

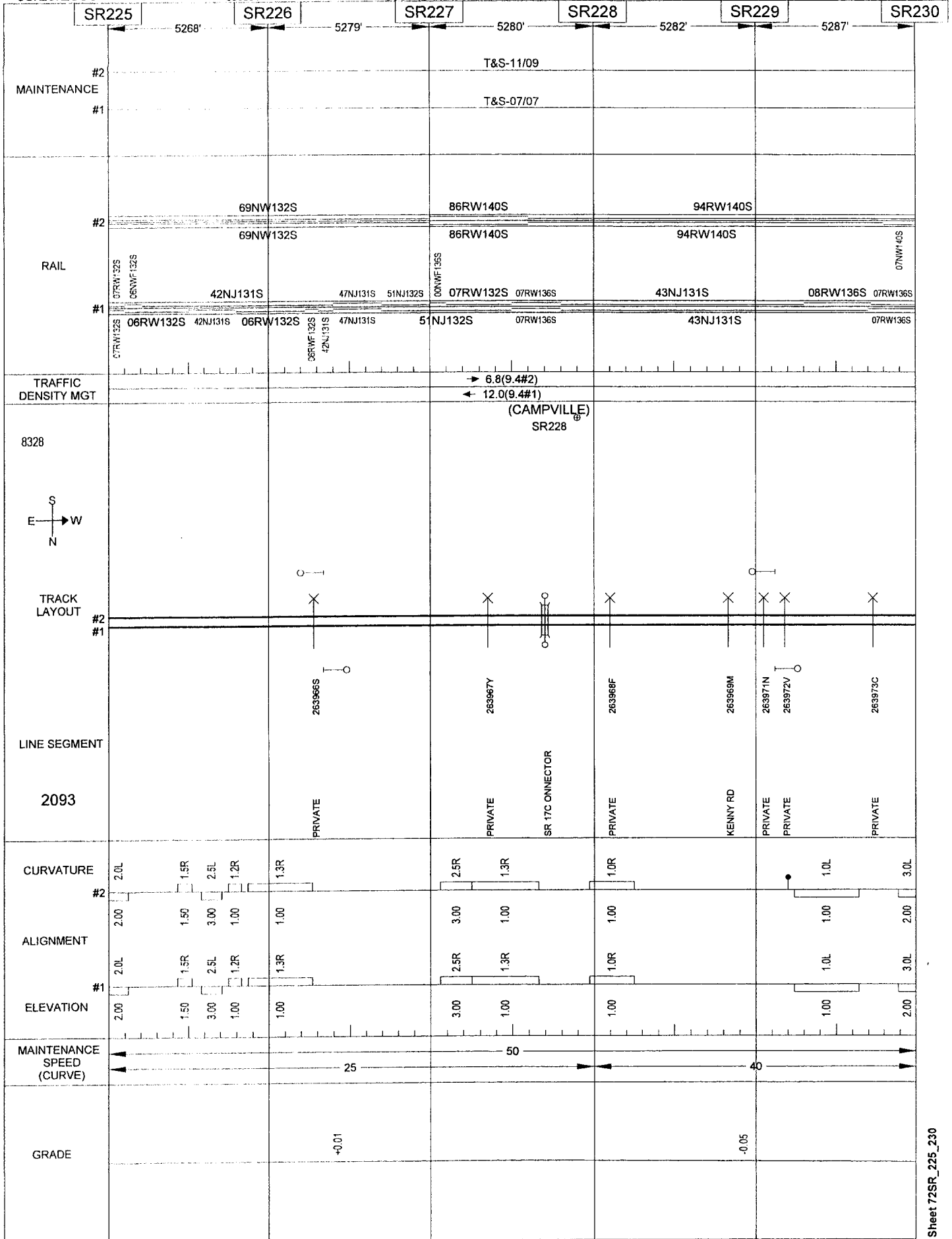
306301

265

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_225_230

09/29/2009

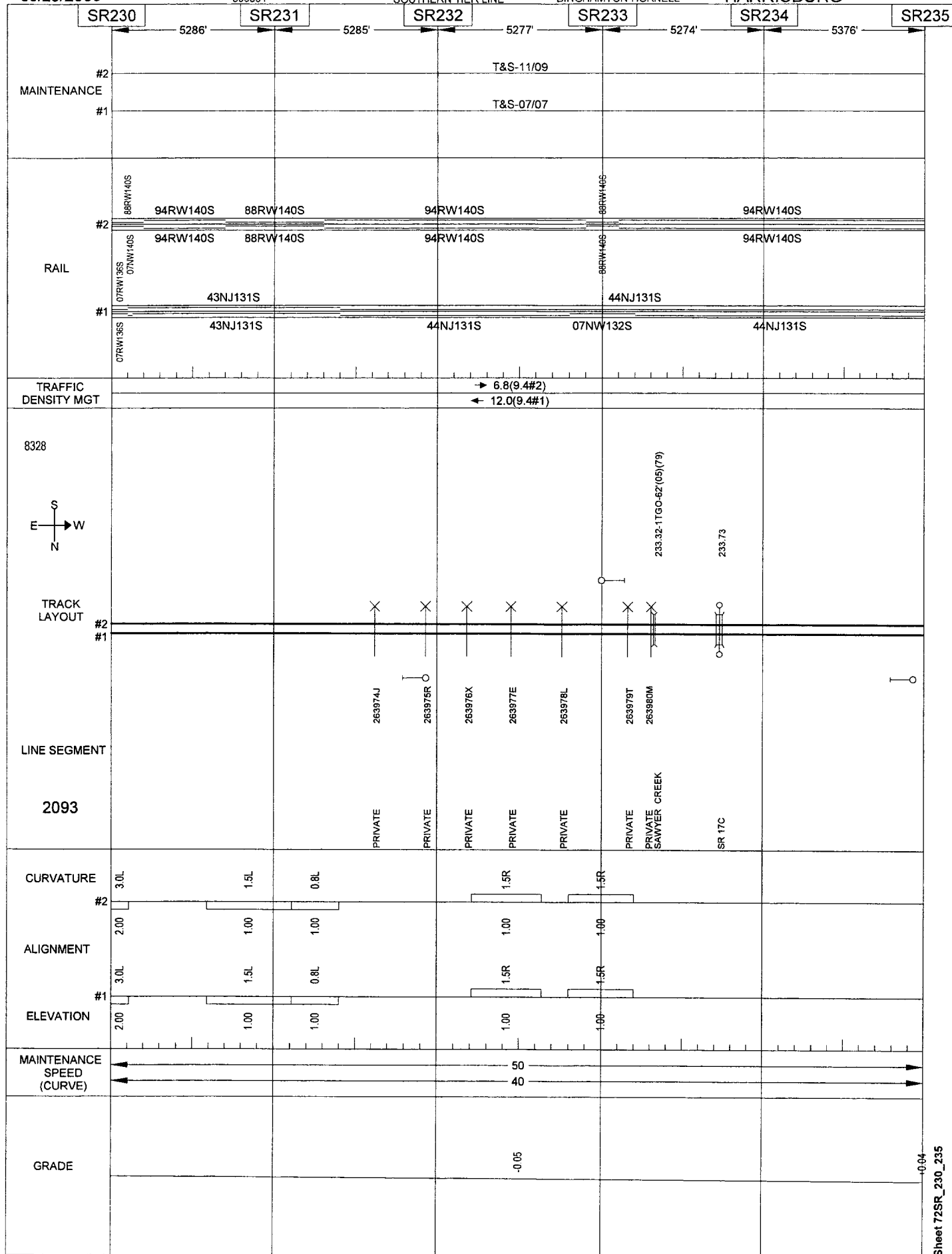
306301

266

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_230_235

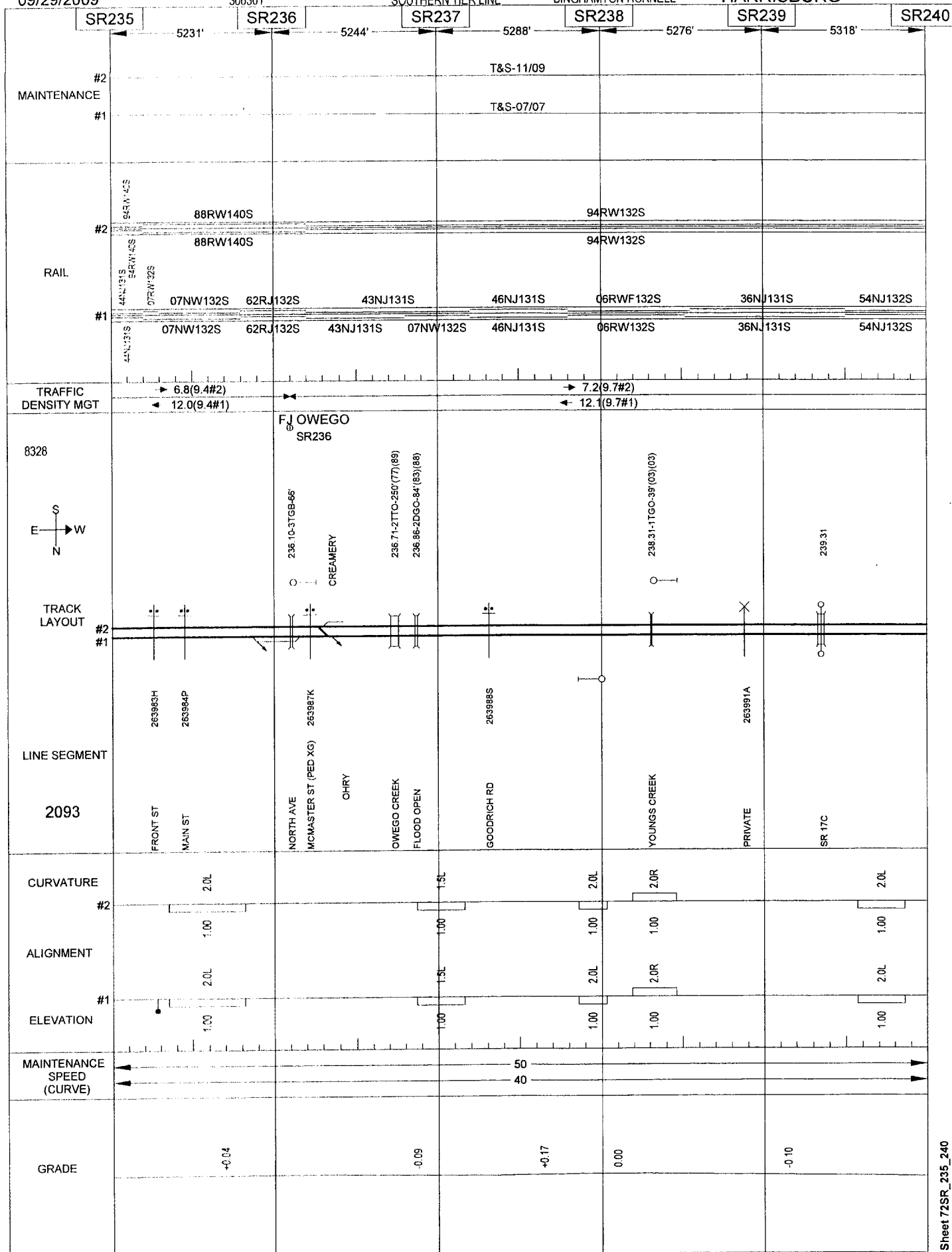
09/29/2009

306301

267
SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_235_240

09/29/2009

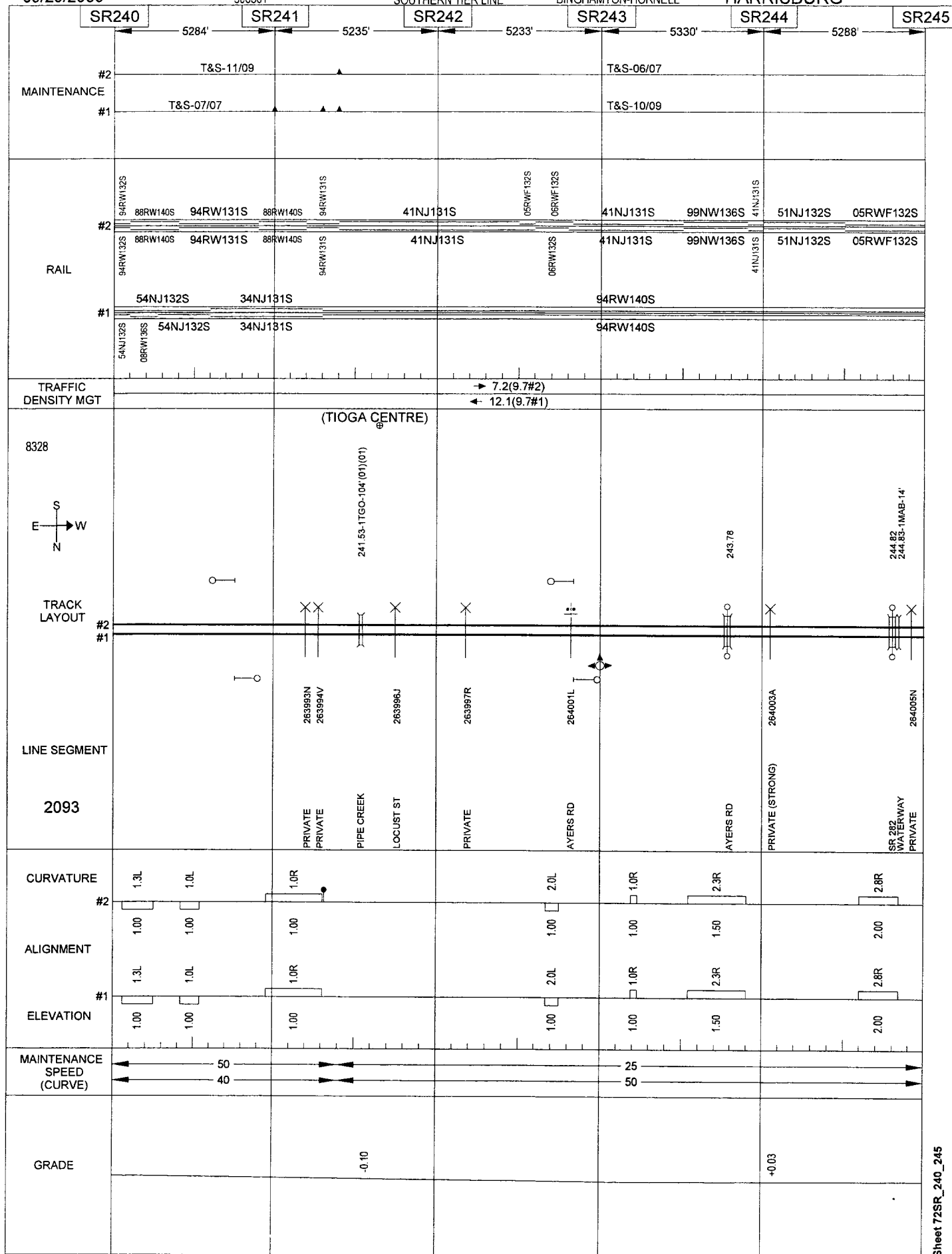
306301

268

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_240_245

306301

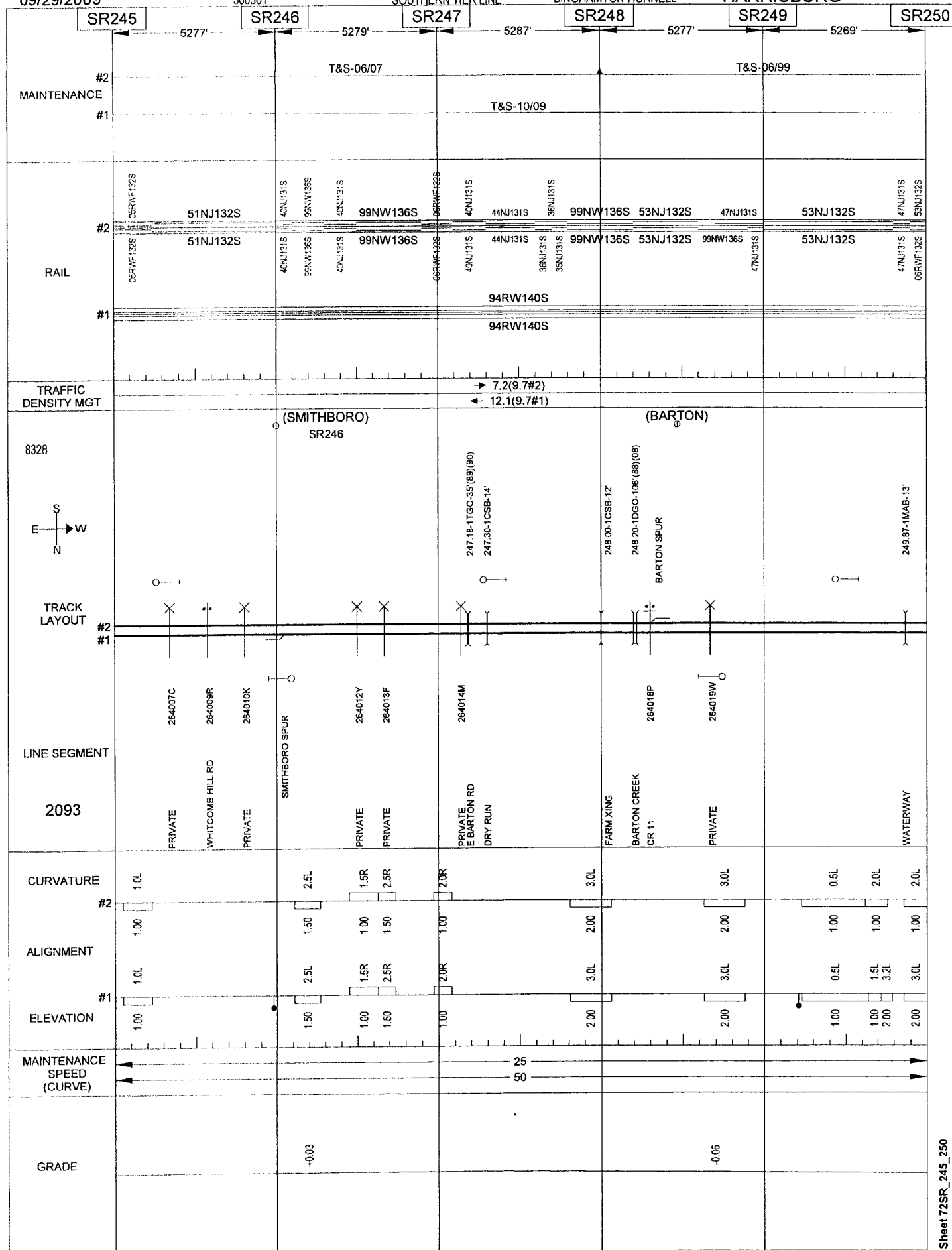
269

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG

SR250



General Reference Only - Not for Operational Purposes

09/29/2009

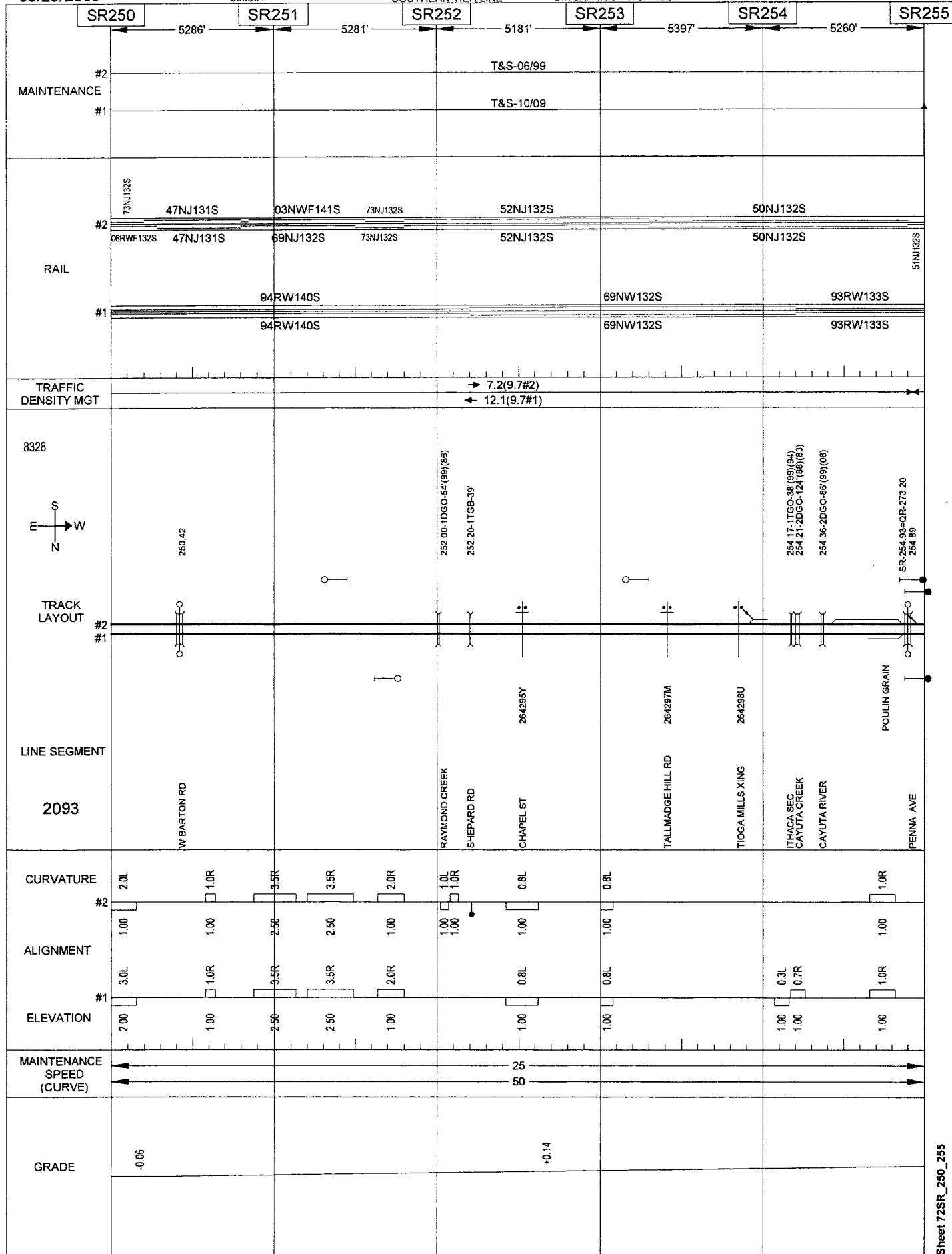
306301

270

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_250_255

09/29/2009

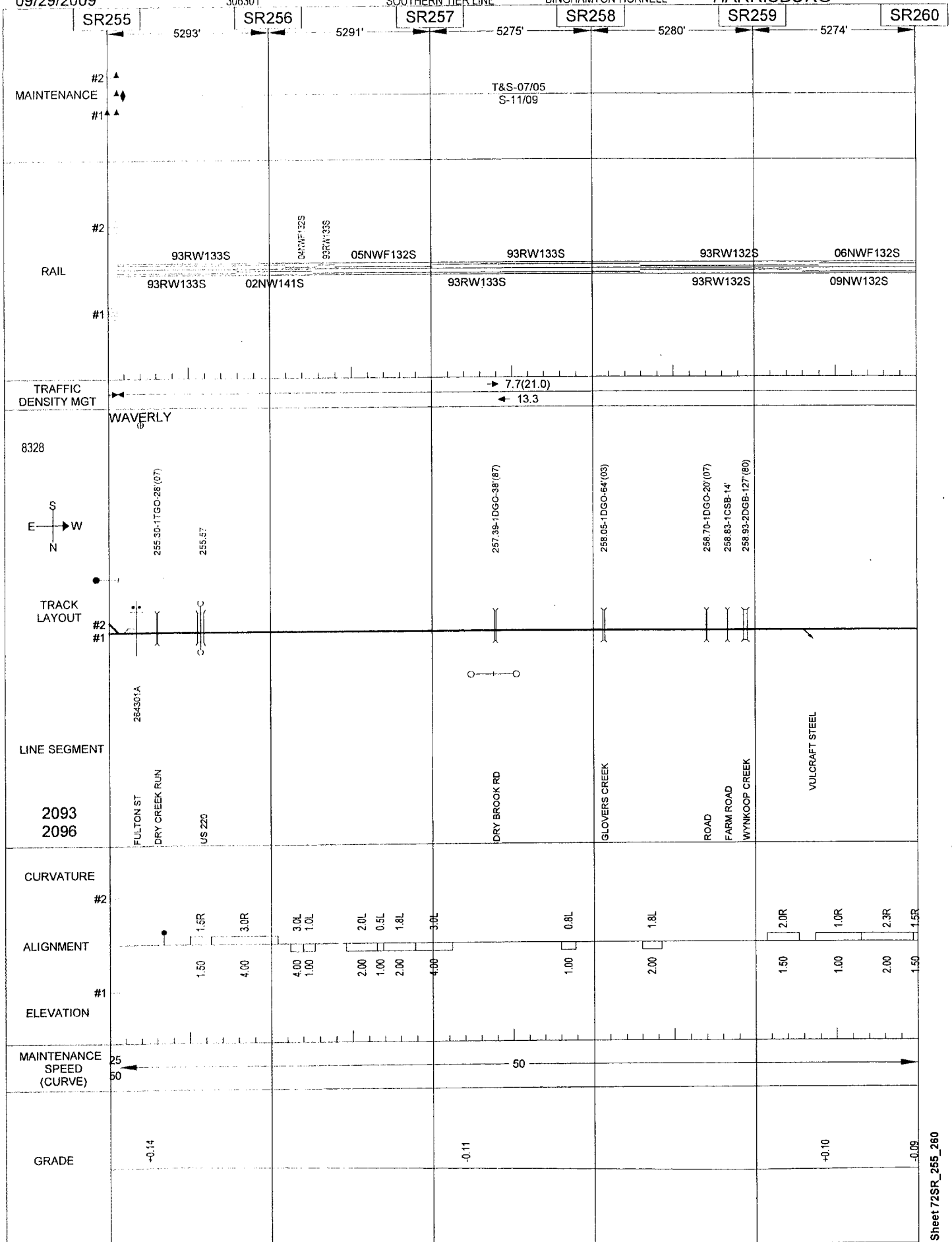
306301

271

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_255_260

09/29/2009

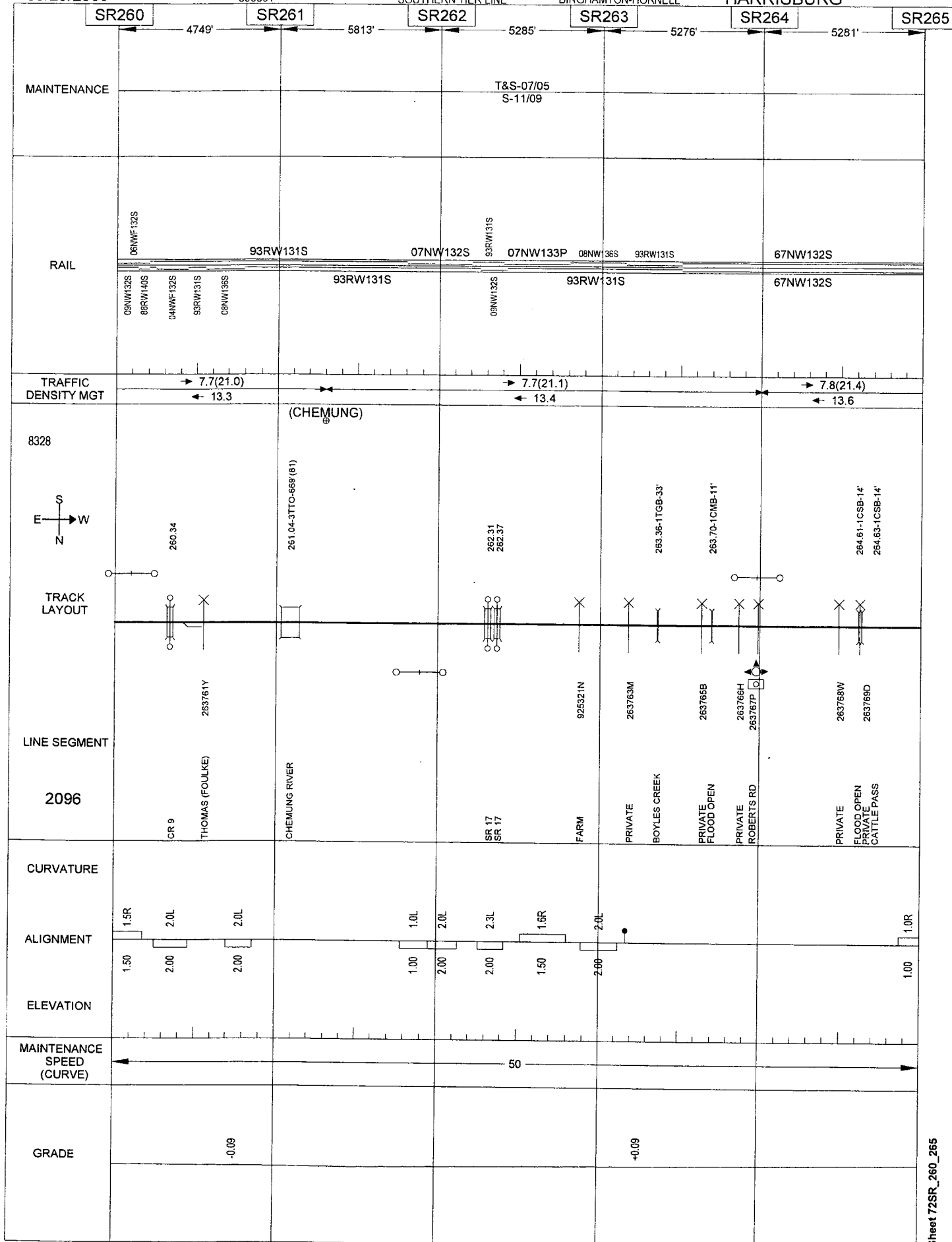
306301

272

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_260_265

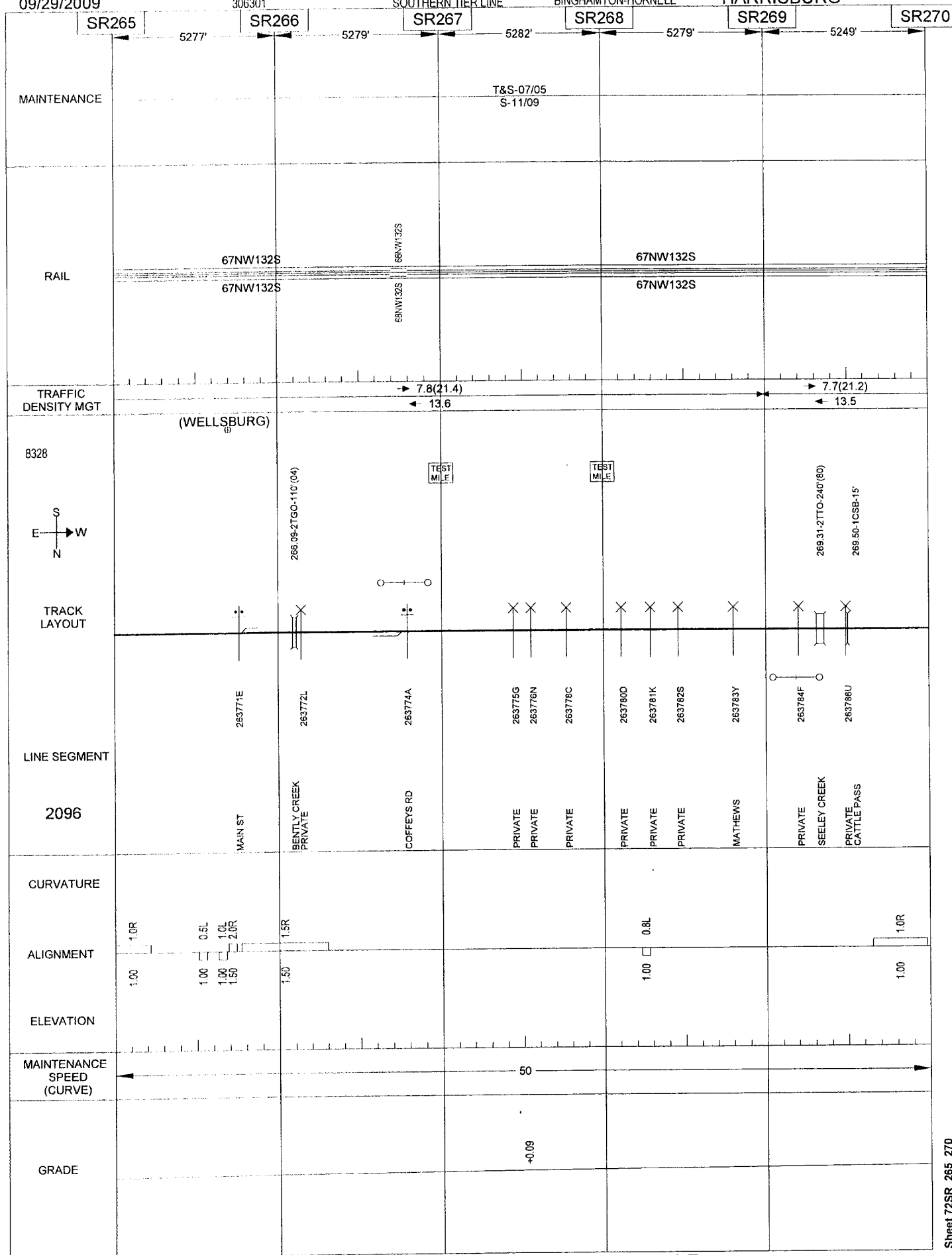
09/29/2009

306301

273
SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

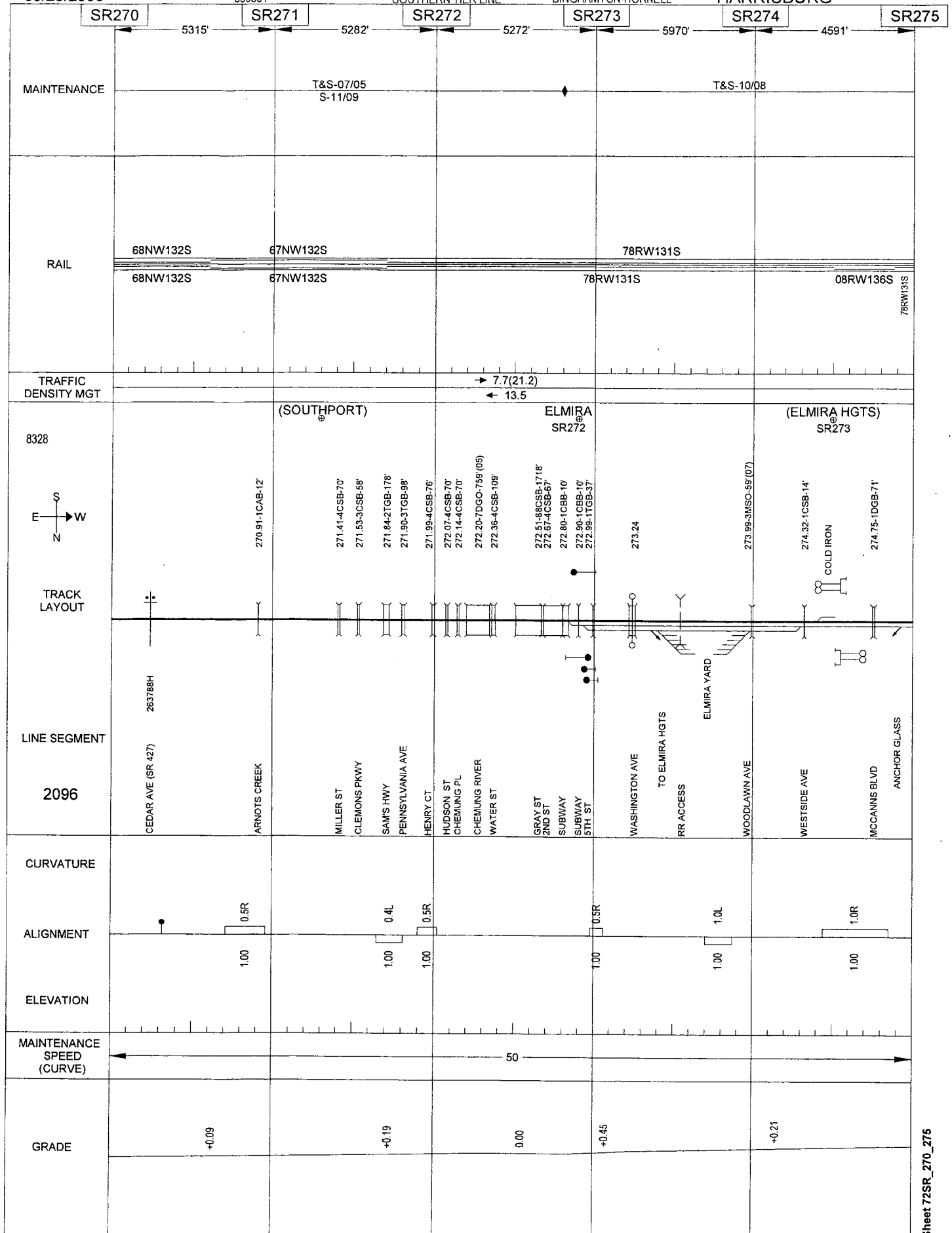
306301

274

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_270_275

HARRISBURG

SR285

- 5276'

T&S-08/06

67NW132S 08NW136S

67NW132S

67NW132S

7.7(21.1)
13.4

→ 7.7(21.2)
← 13.5

7.7(21.1)
13.4

281.10-1TGO-65'(95)

281.50

282.33-1DGO-35'(80)
282.37-1TGO-33'(80)

282.83-1TGO-53'(05)

(BIG FLATS)
⊕
SR283

283.11-1TGO-65'(85)

283.43-1DGO-42'(05)

284.17-1CSB-11'

TRACK LAYOUT

2099

BIG FLATS RD

SINGSING CREEK

KAHLER RD

BIG FLATS CREEK
WINTERS, CA

265947U

CANAL ST

AGWAY

PRIVATE 265952R

CATTLE PASS

RIVATE 265954E

RIVATE 265955L

3.01L

1.0R

3.50

1.00

— 50

~~0.10~~

0.00

0.13

Sheet 72SR_280_285

General Reference Only - Not for Operational Purposes

09/29/2009

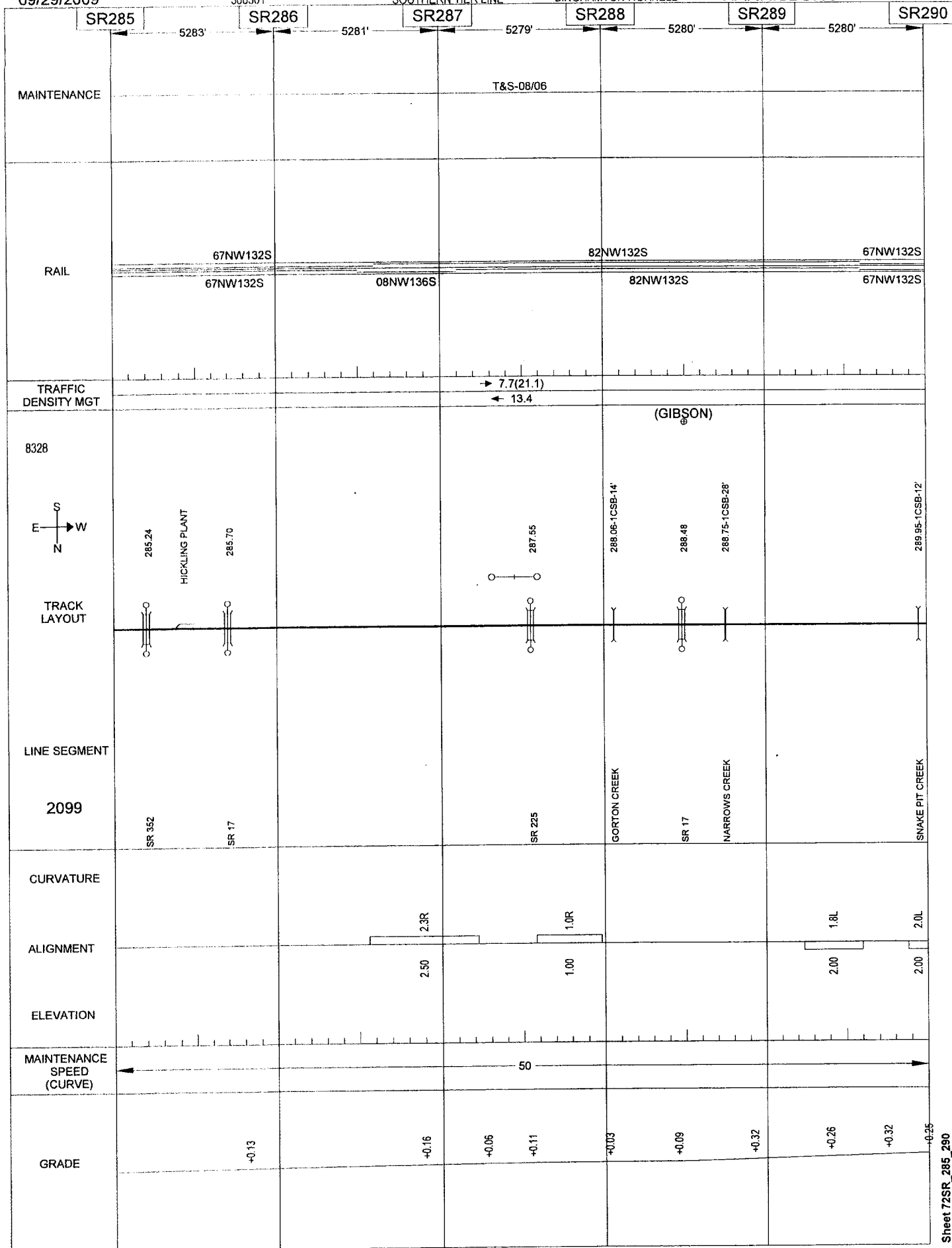
306301

277

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_285_290

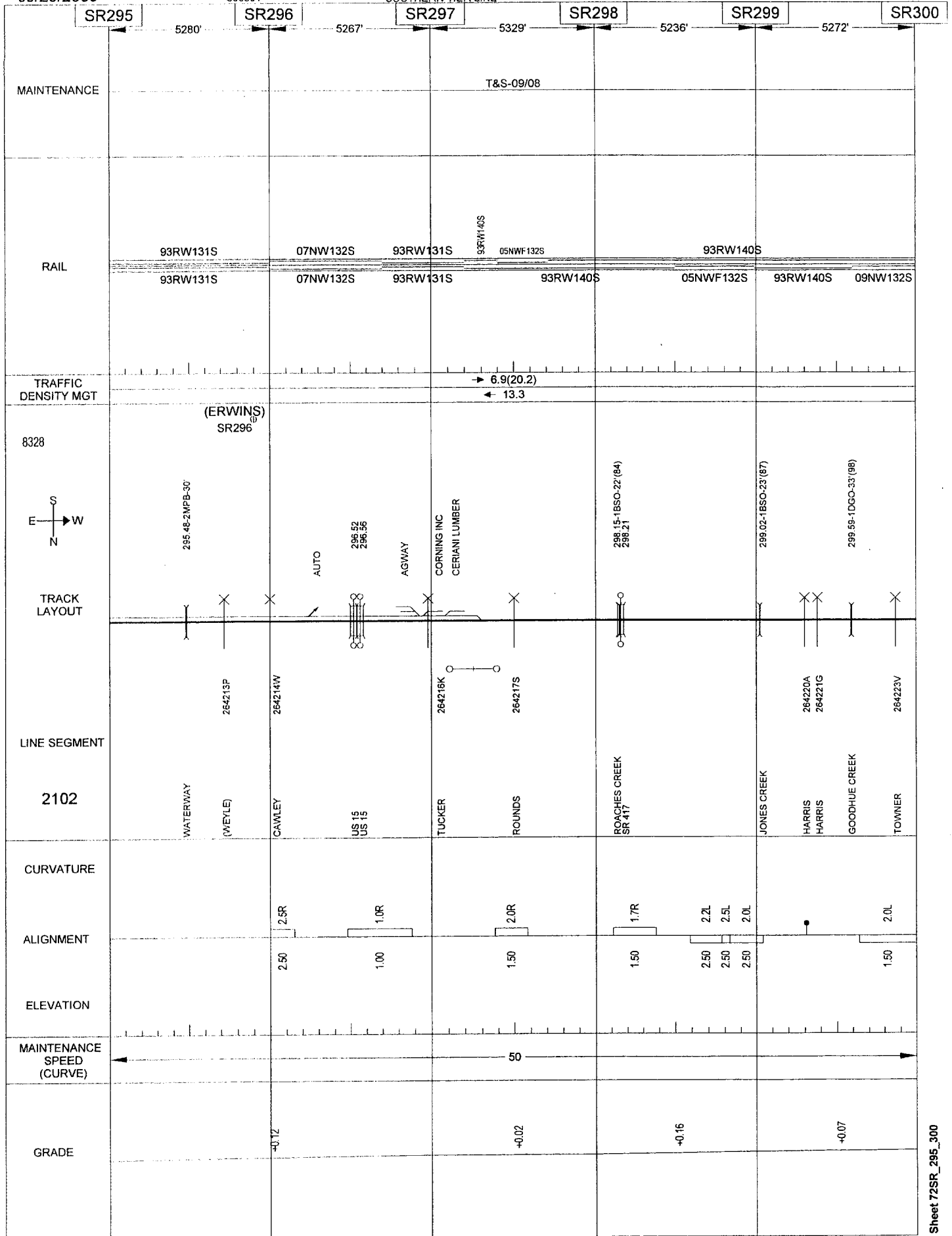
09/29/2009

306301

279
SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

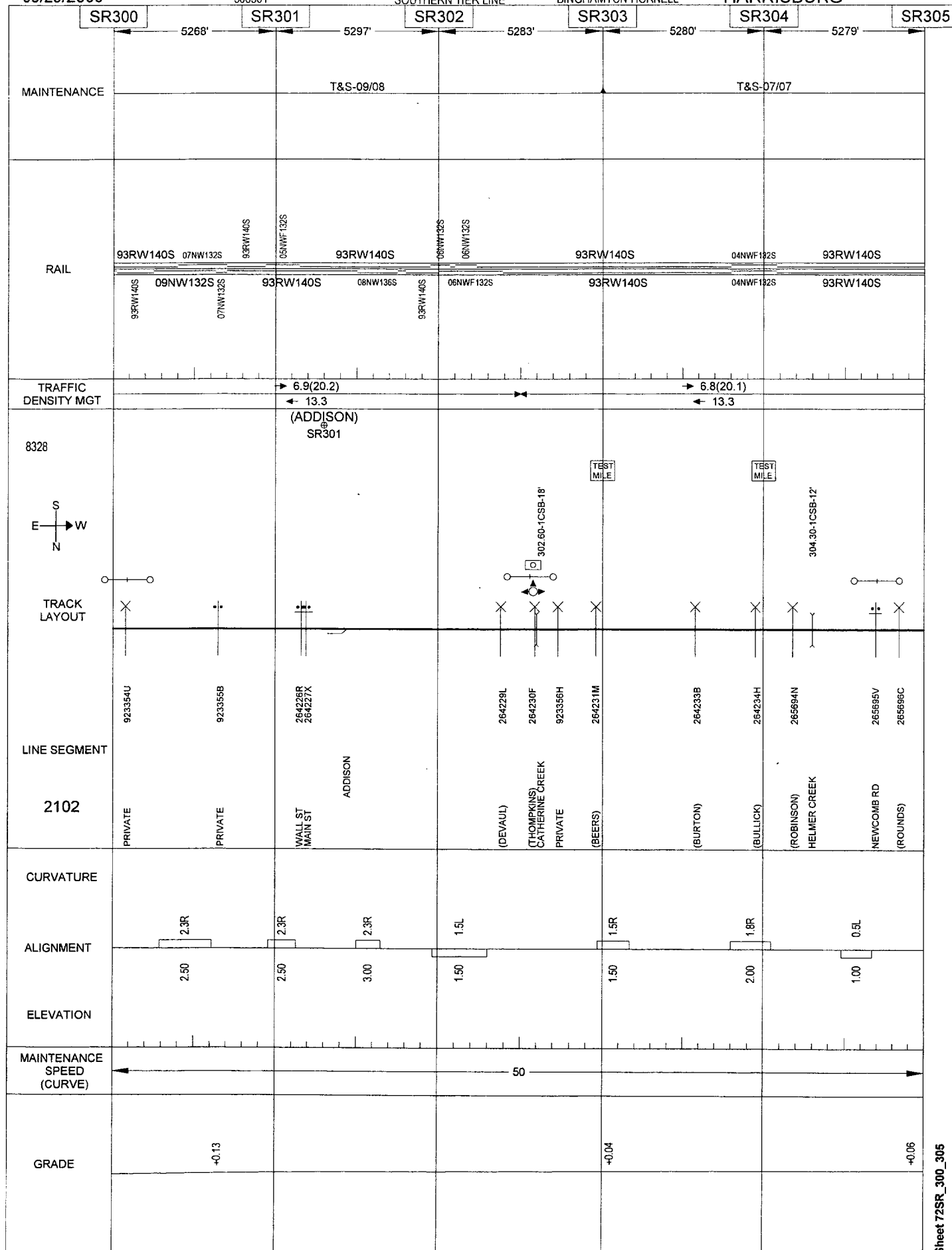
306301

280

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

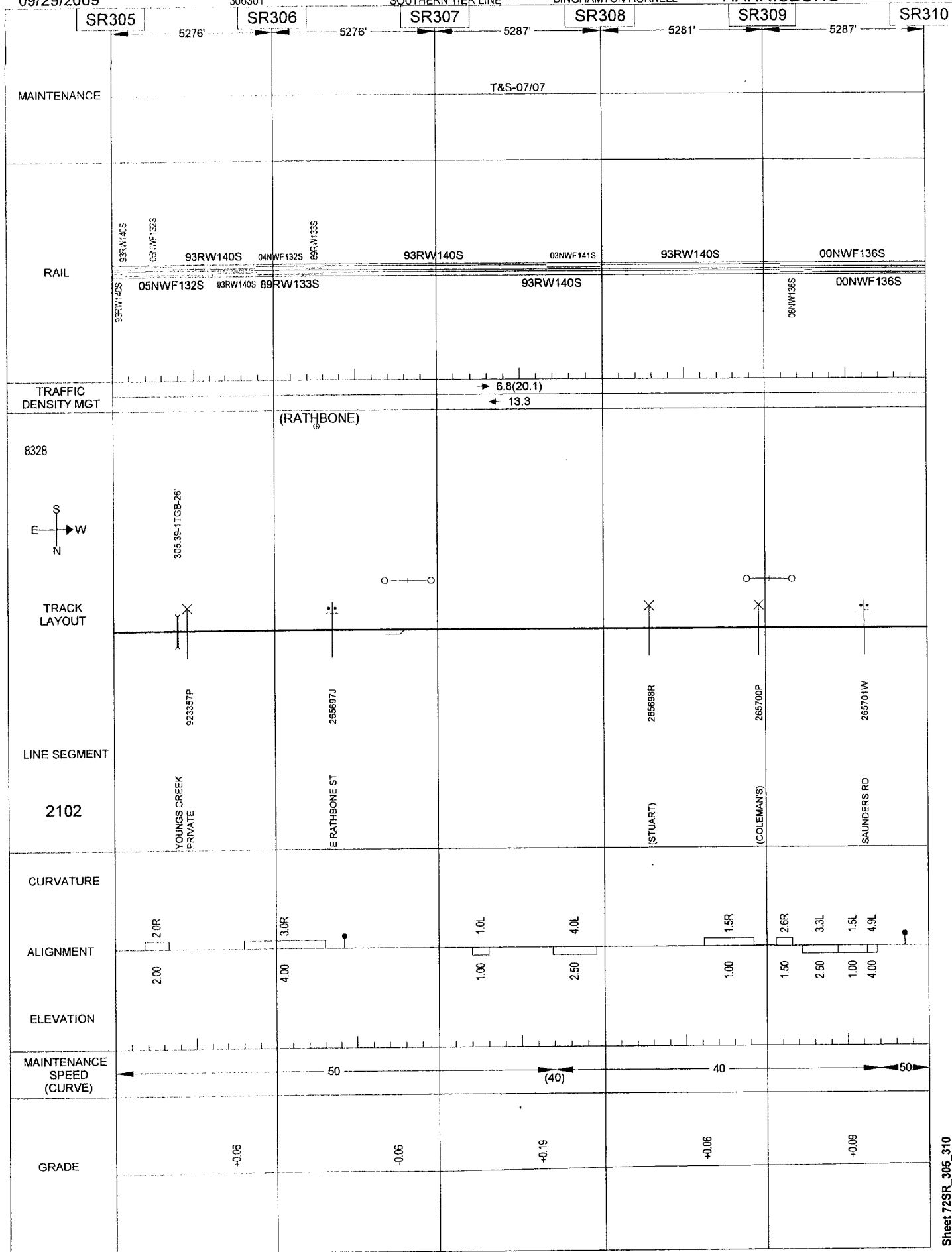
306301

281

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_305_310

09/29/2009

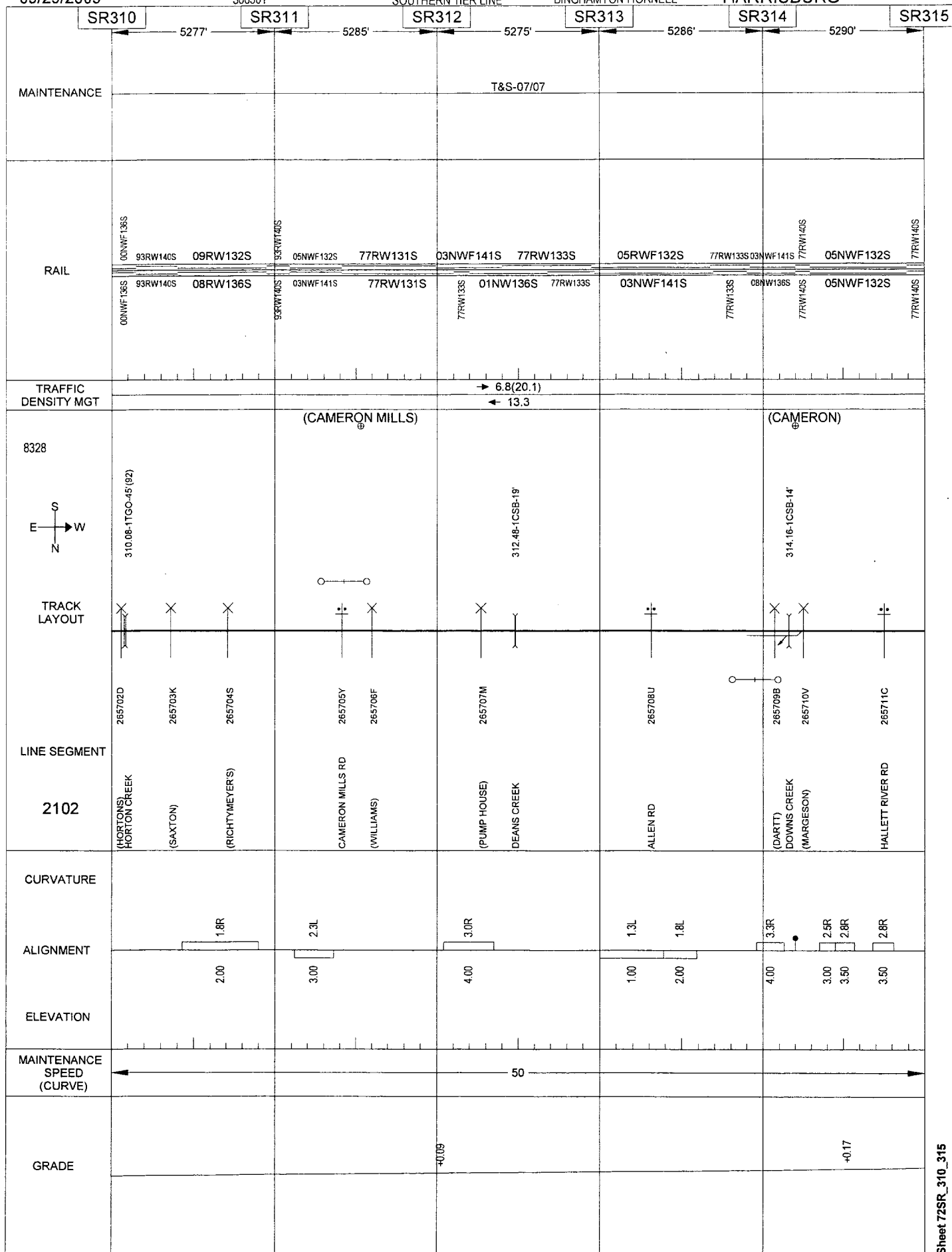
306301

282

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_310_315

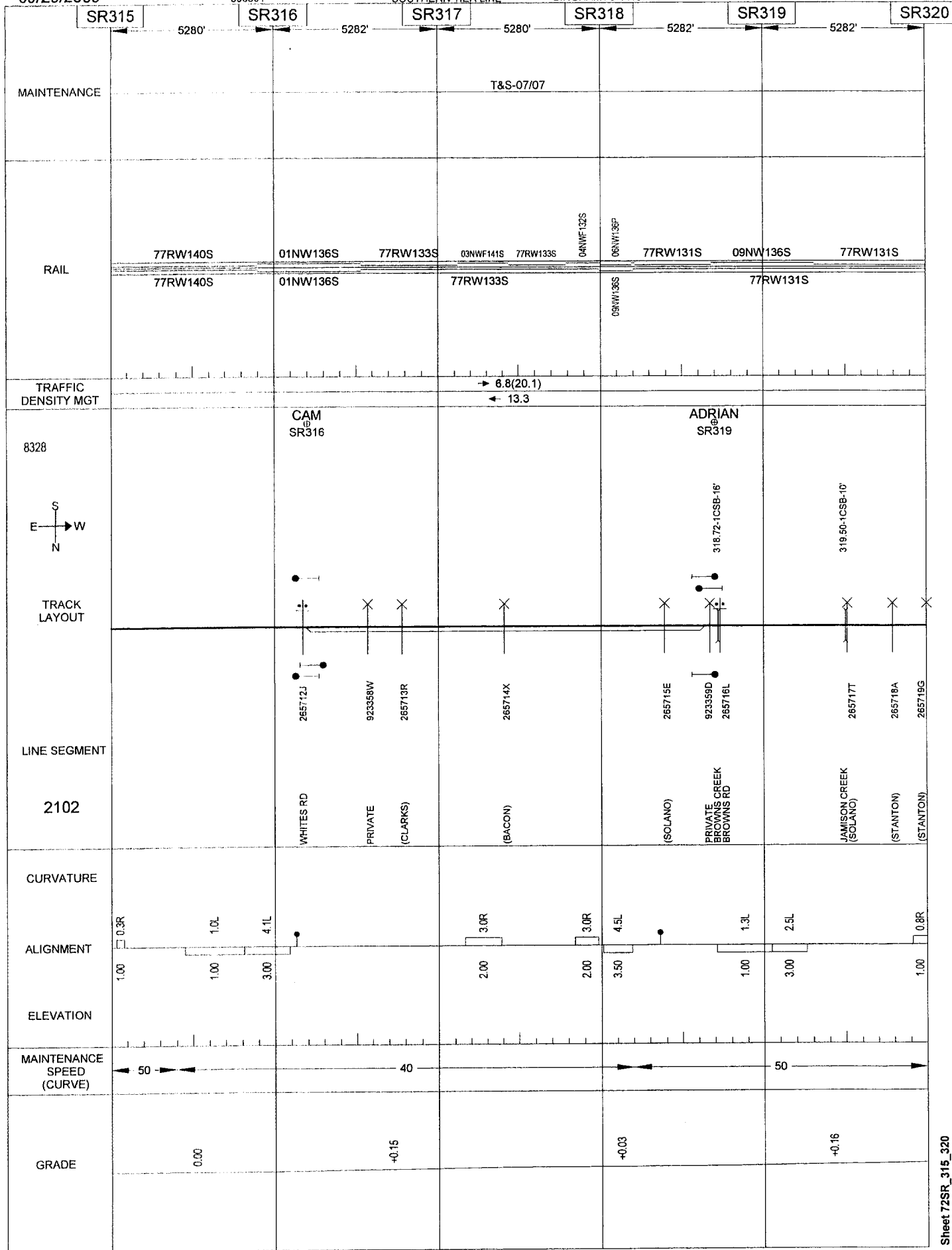
09/29/2009

306301

283
SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_315_320

09/29/2009

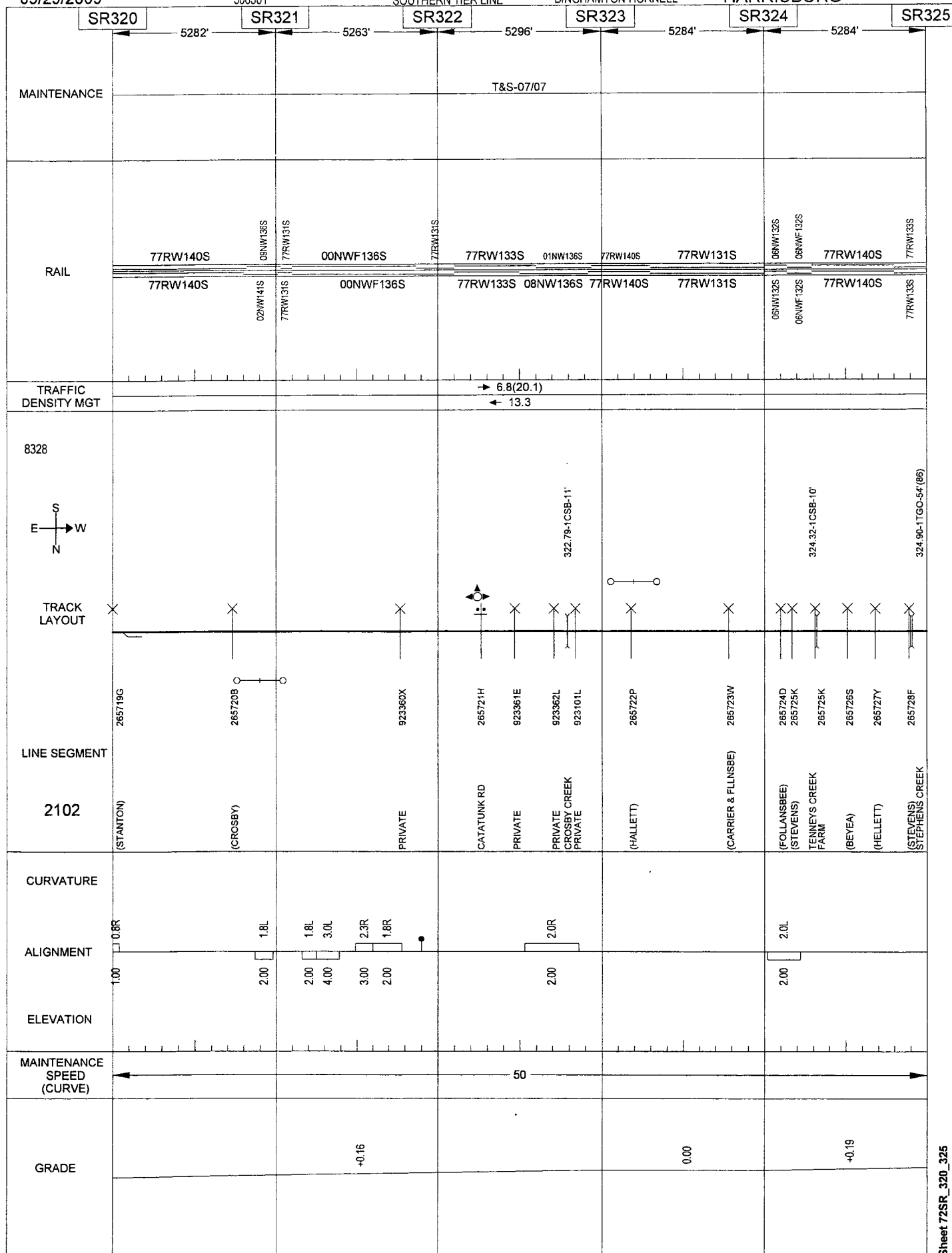
306301

284

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

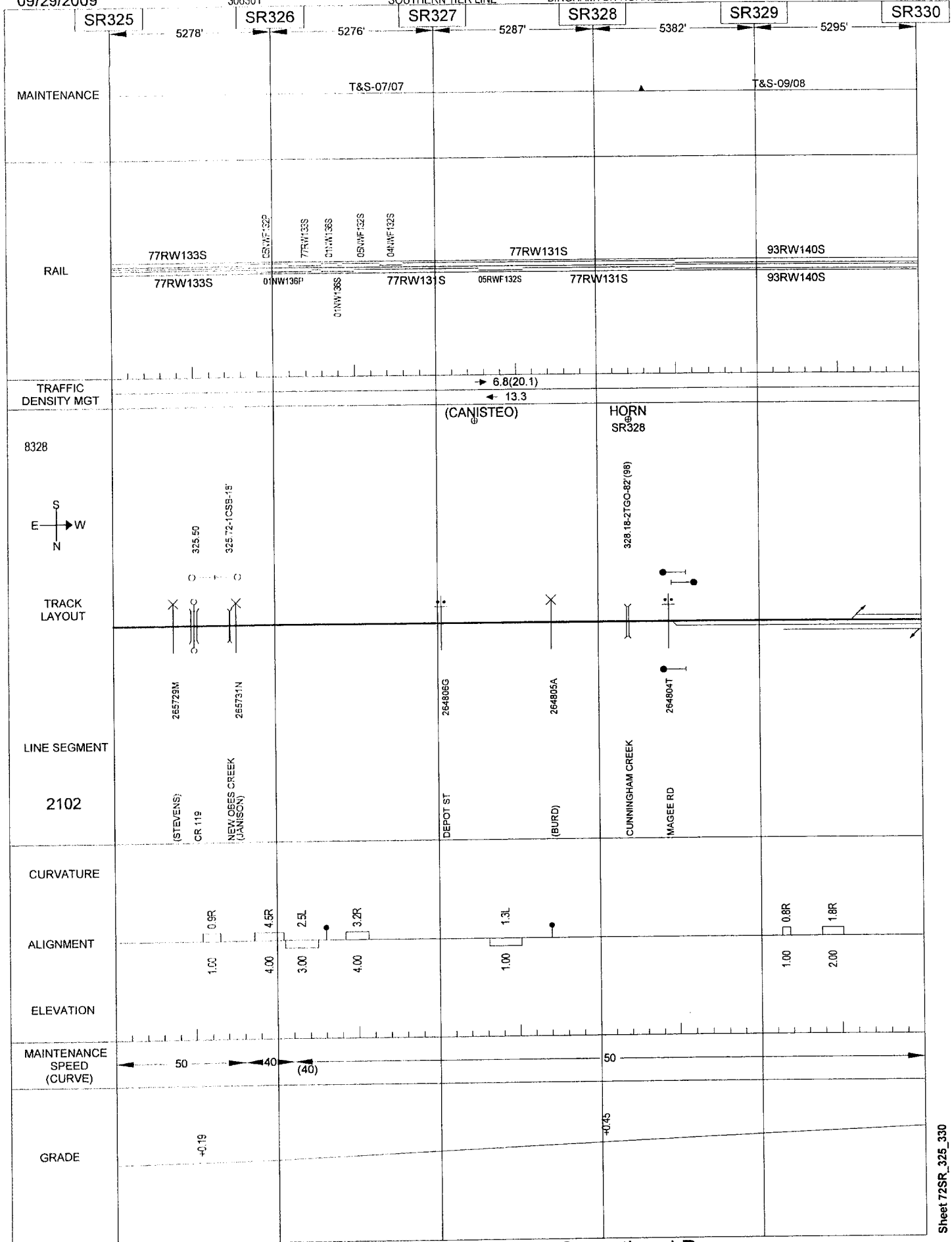
306301

285

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

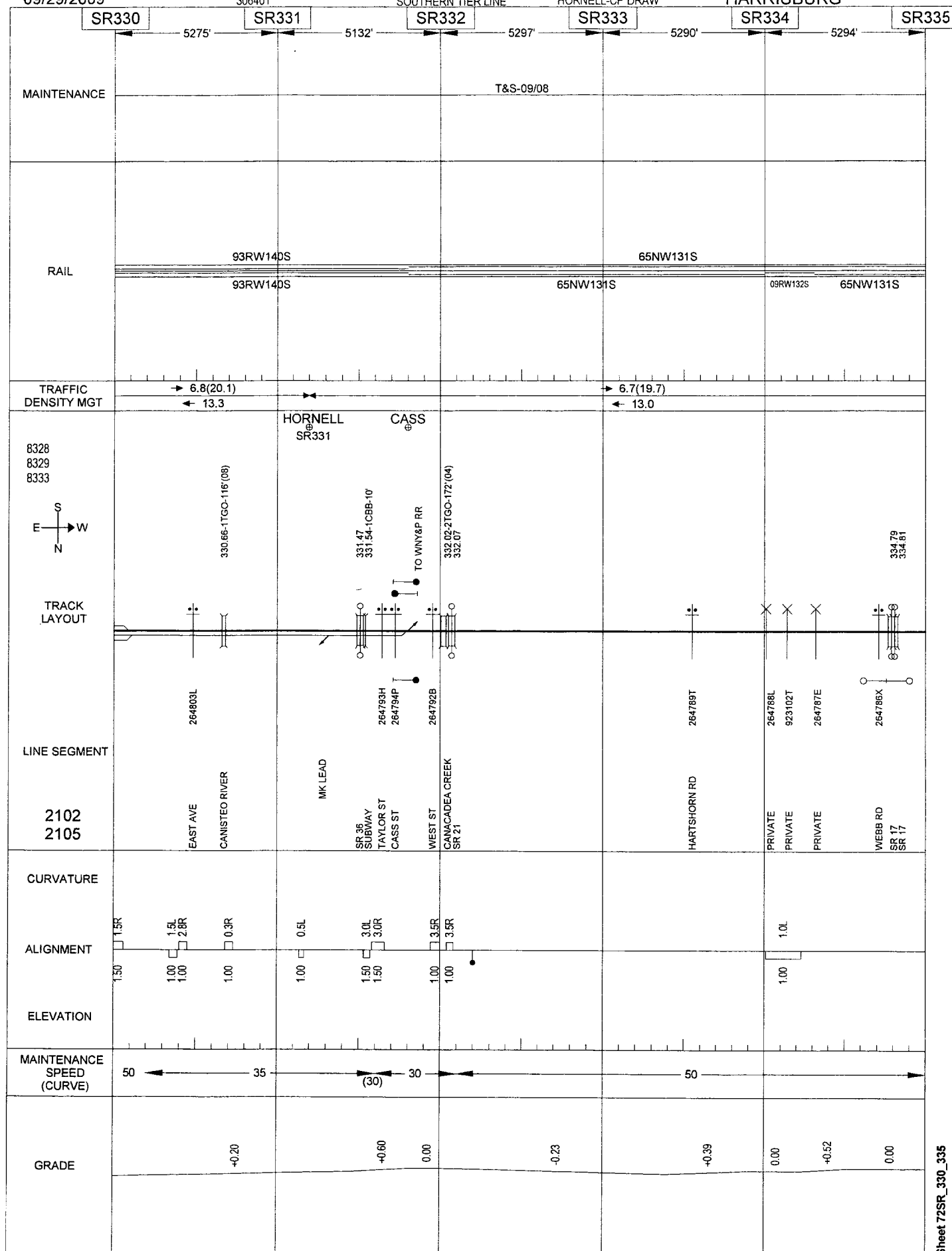
306401

286

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_330_335

09/29/2009

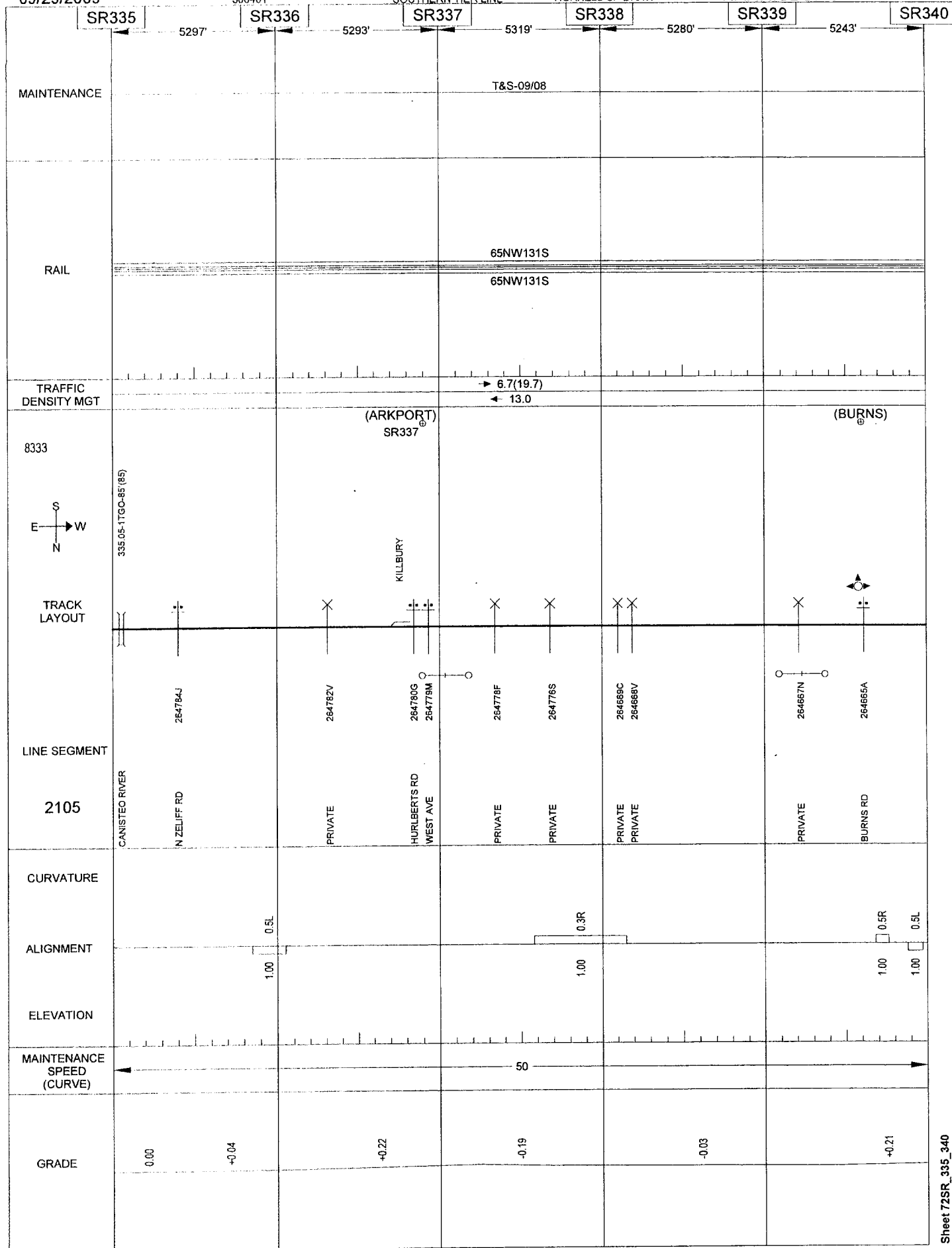
306401

287

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_335_340

09/29/2009

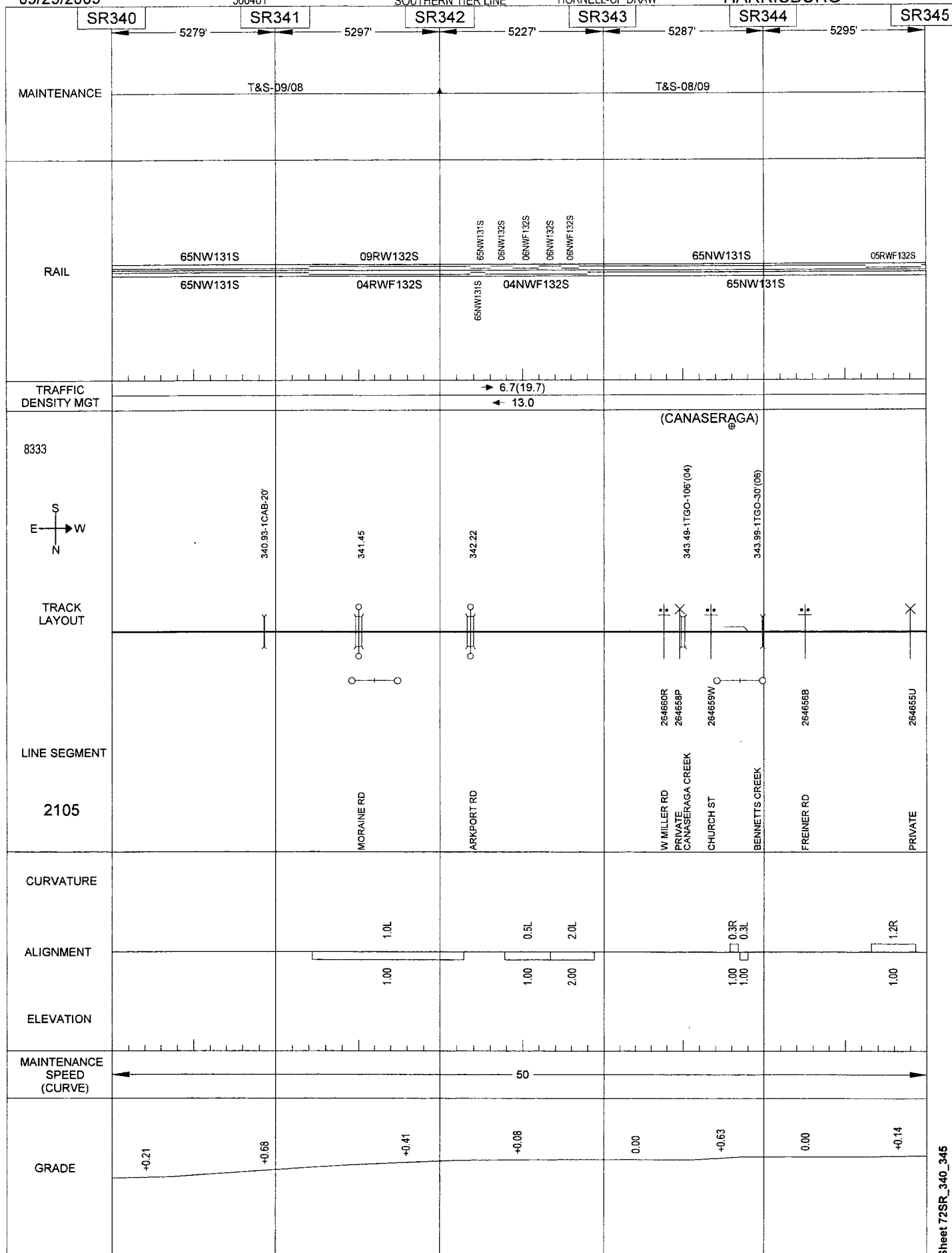
306401

288

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_340_345

09/29/2009

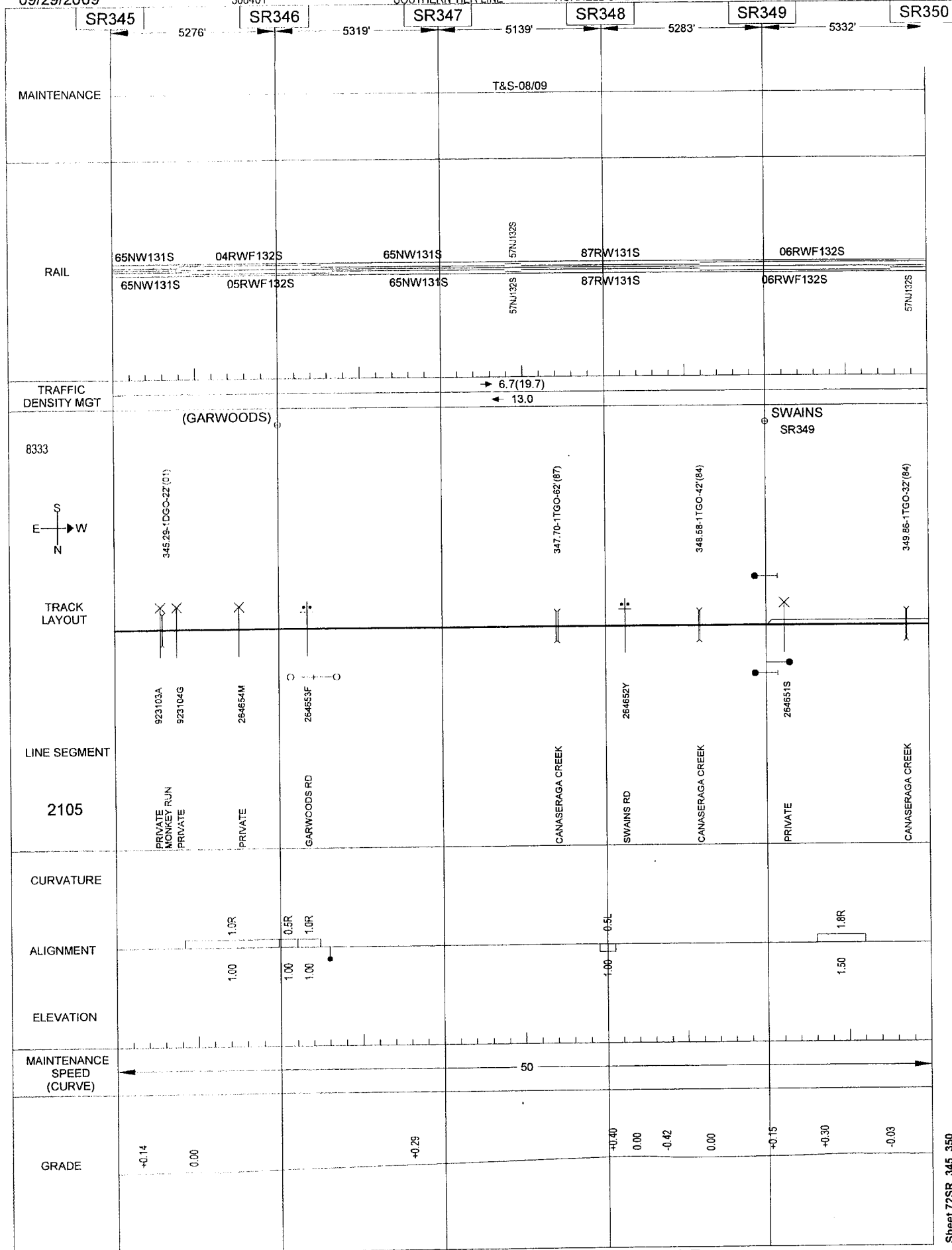
306401

289

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_345_350

09/29/2009

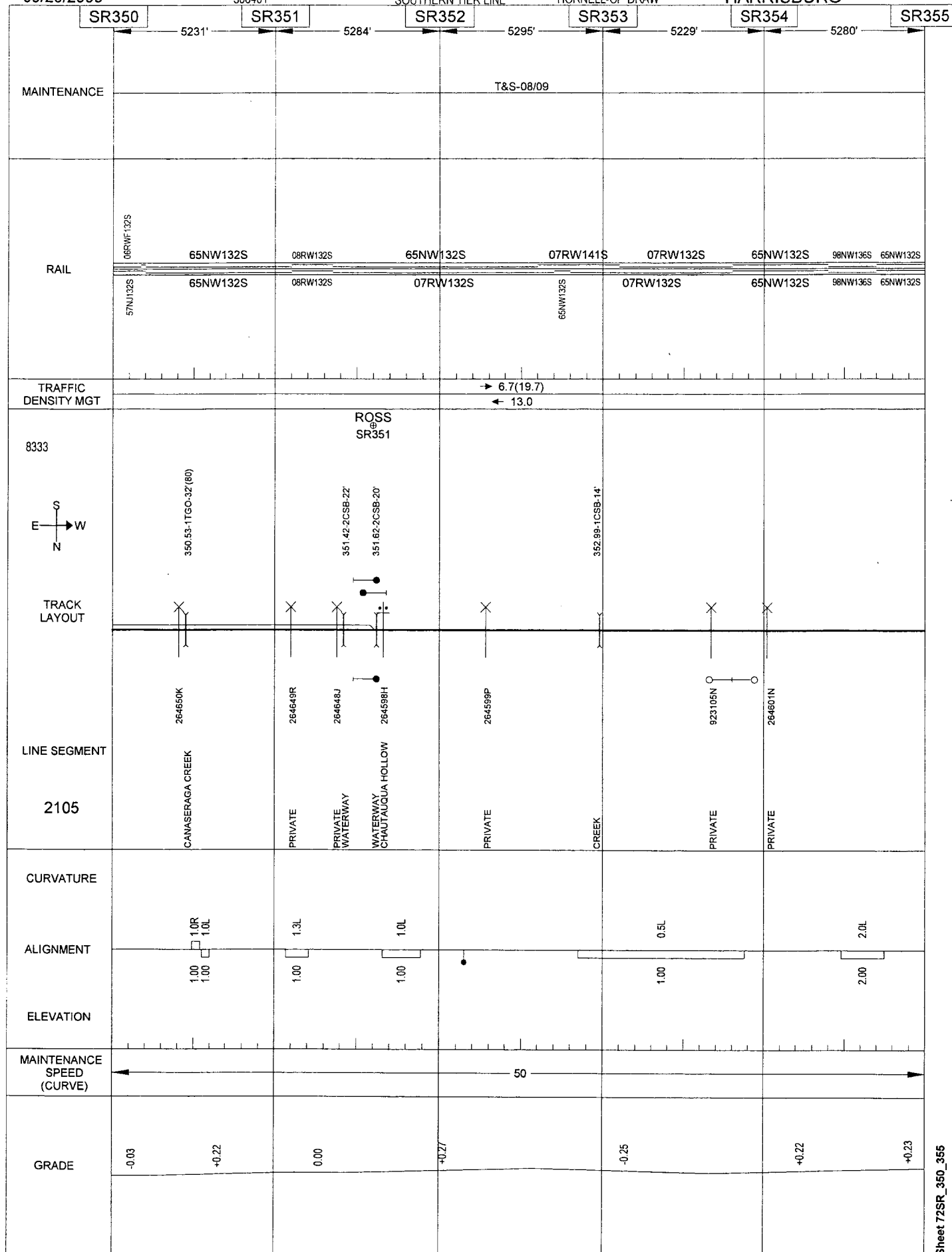
306401

290

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



Sheet 72SR_350_355

General Reference Only - Not for Operational Purposes

09/29/2009

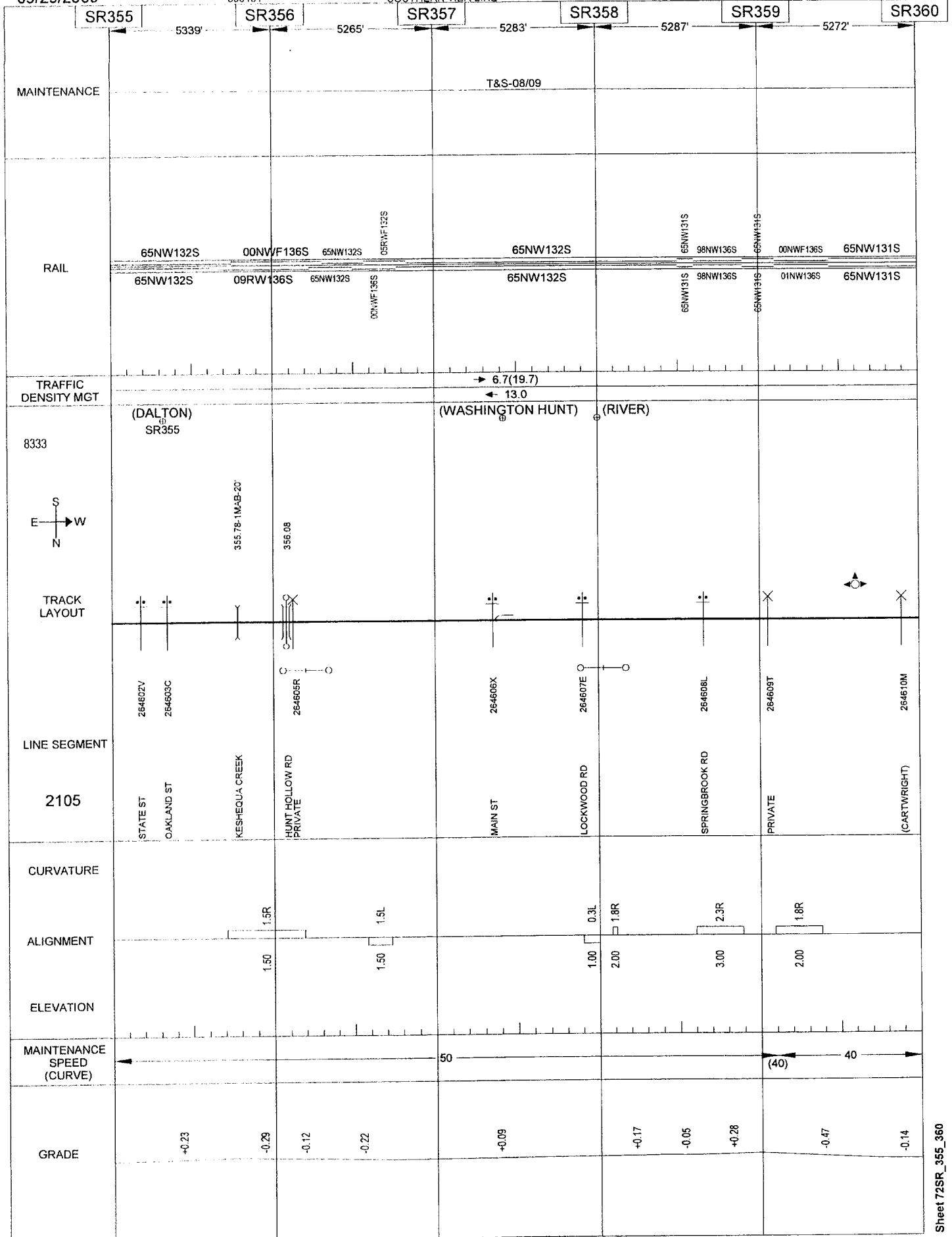
306401

291

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

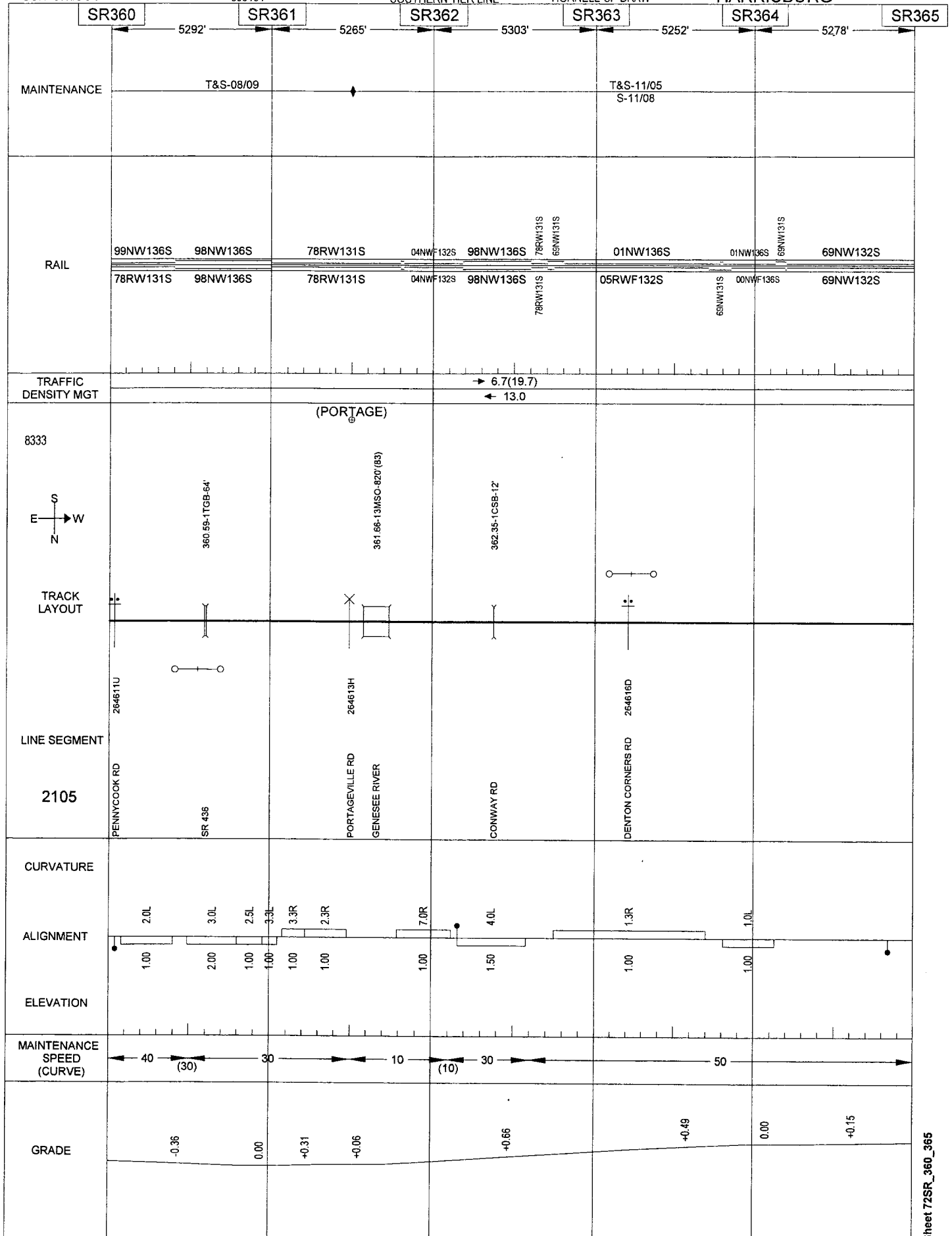
306401

292

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_360_365

SR370

SR370

- 5291

T&S-11/05
S-11/08

SEE ALSO

05RWF132S

69NW132S

65NW132S

69NW131S

04MAY1968

69NW131S

69NW131S

SECRET//NOFORN

25:45

39M

6

69

98NW1365

69

6S

036474166

TRAFFIC DENSITY MGT

6.7(19.7)

13.0

→	8.2(22.2)
←	14.0

(CASTILE)
①
SR365

SILVER SPRINGS

8333

TRACK LAYOUT

LINE SEGMENT

2105

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

- 50

GRADE

5

0.5

854

017

-0.41

-013

-0.47

Sheet 72SR_365_370

General Reference Only - Not for Operational Purposes

09/29/2009

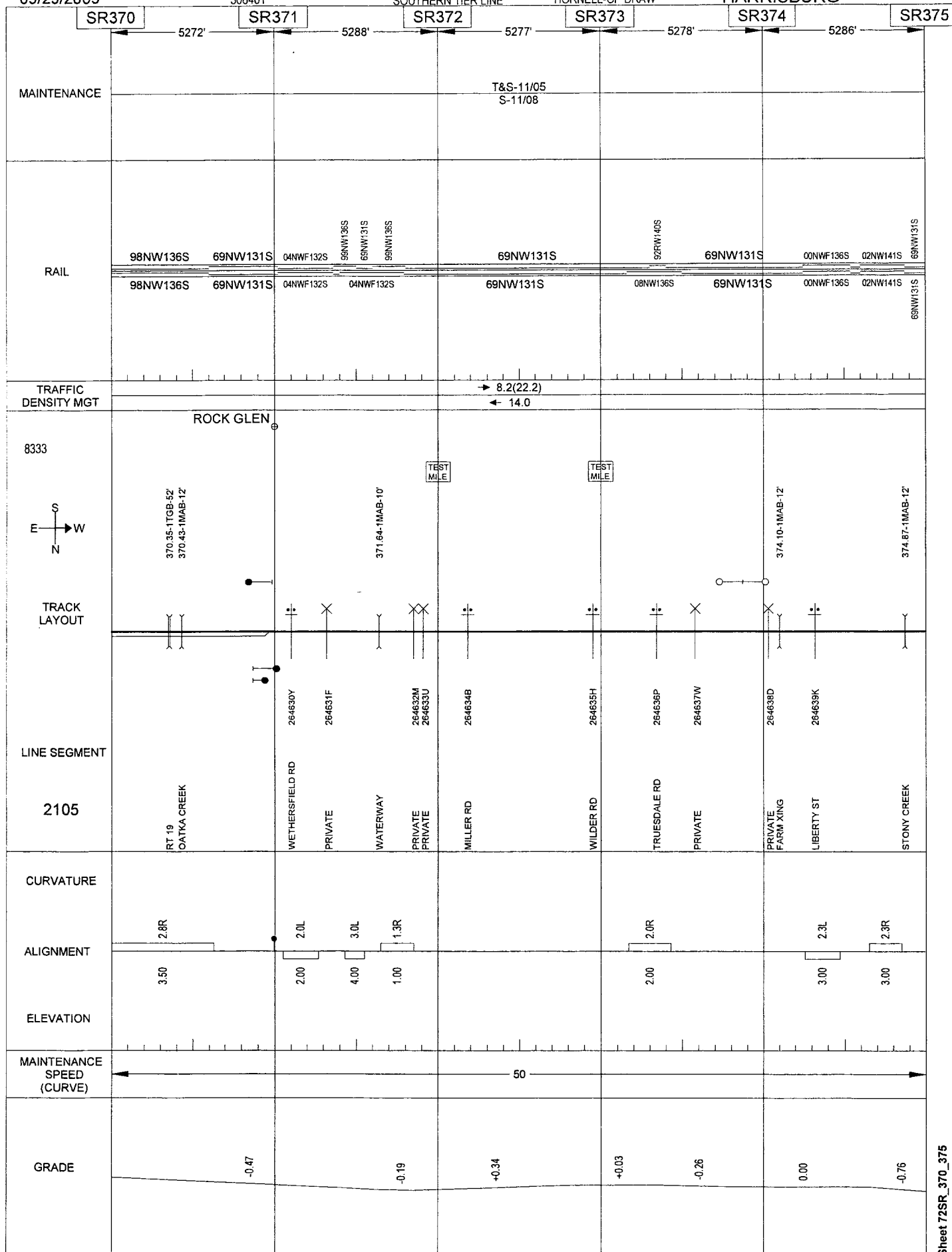
306401

294

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_370_375

09/29/2009

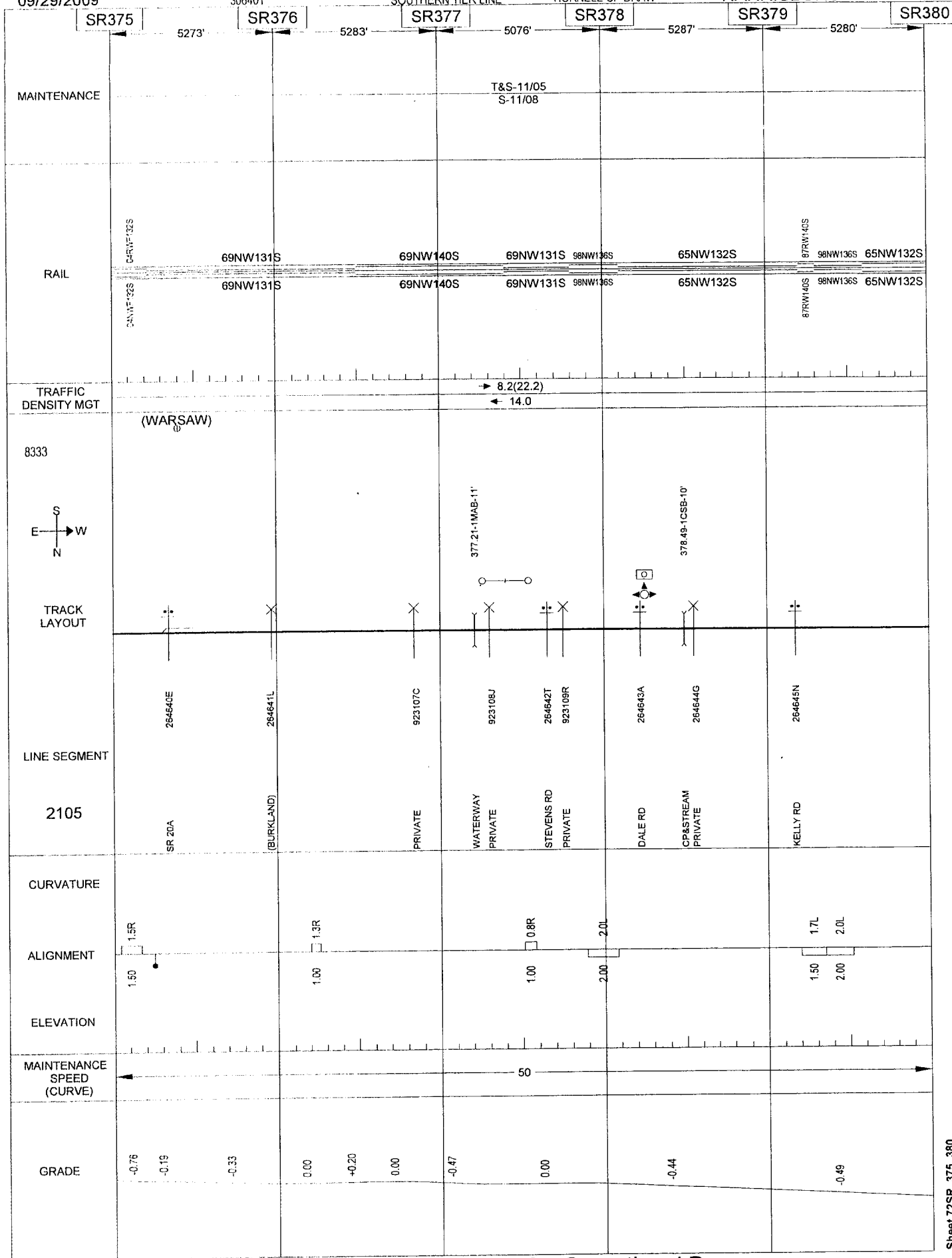
306401

295

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_375_380

09/29/2009

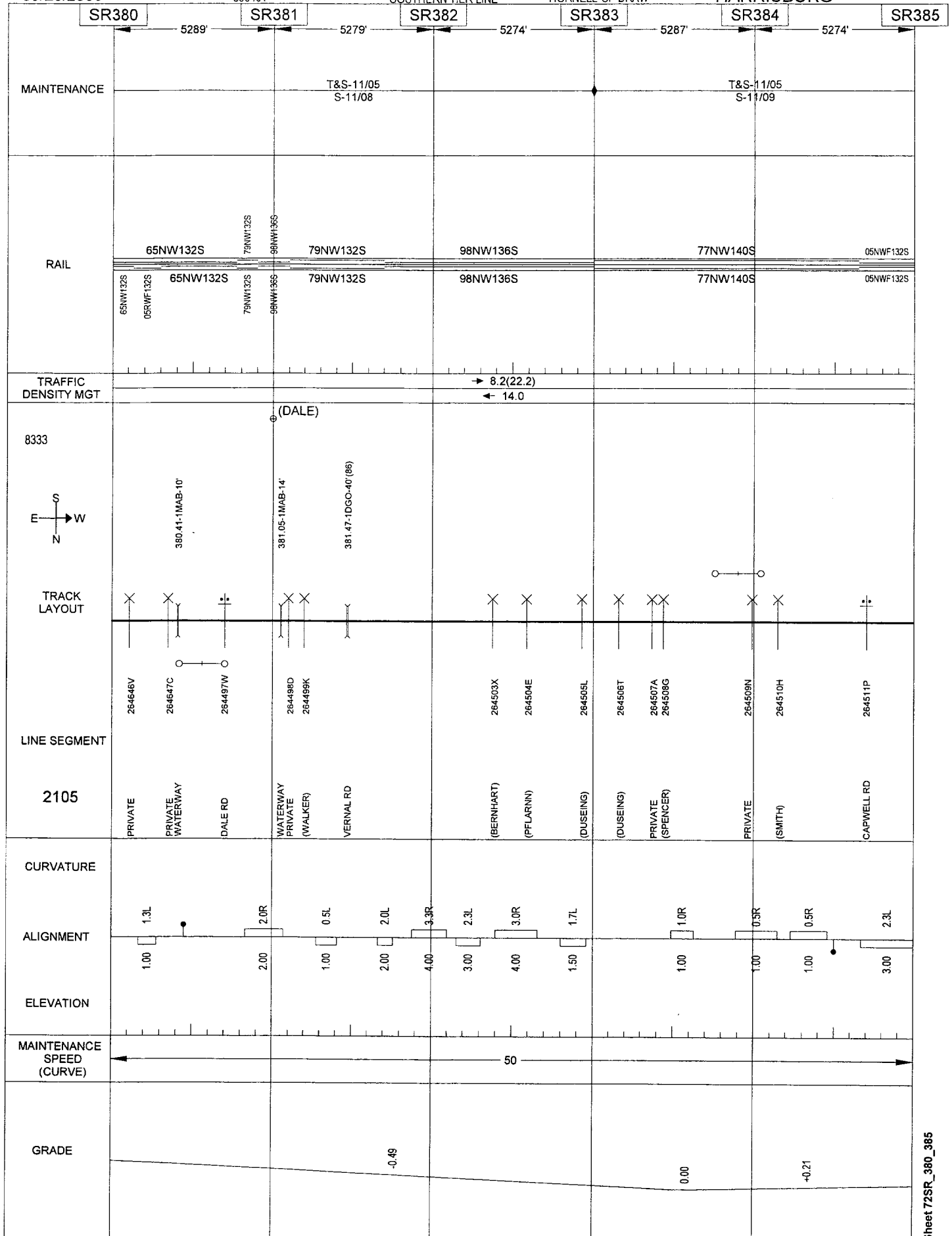
306401

296

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_380_385

09/29/2009

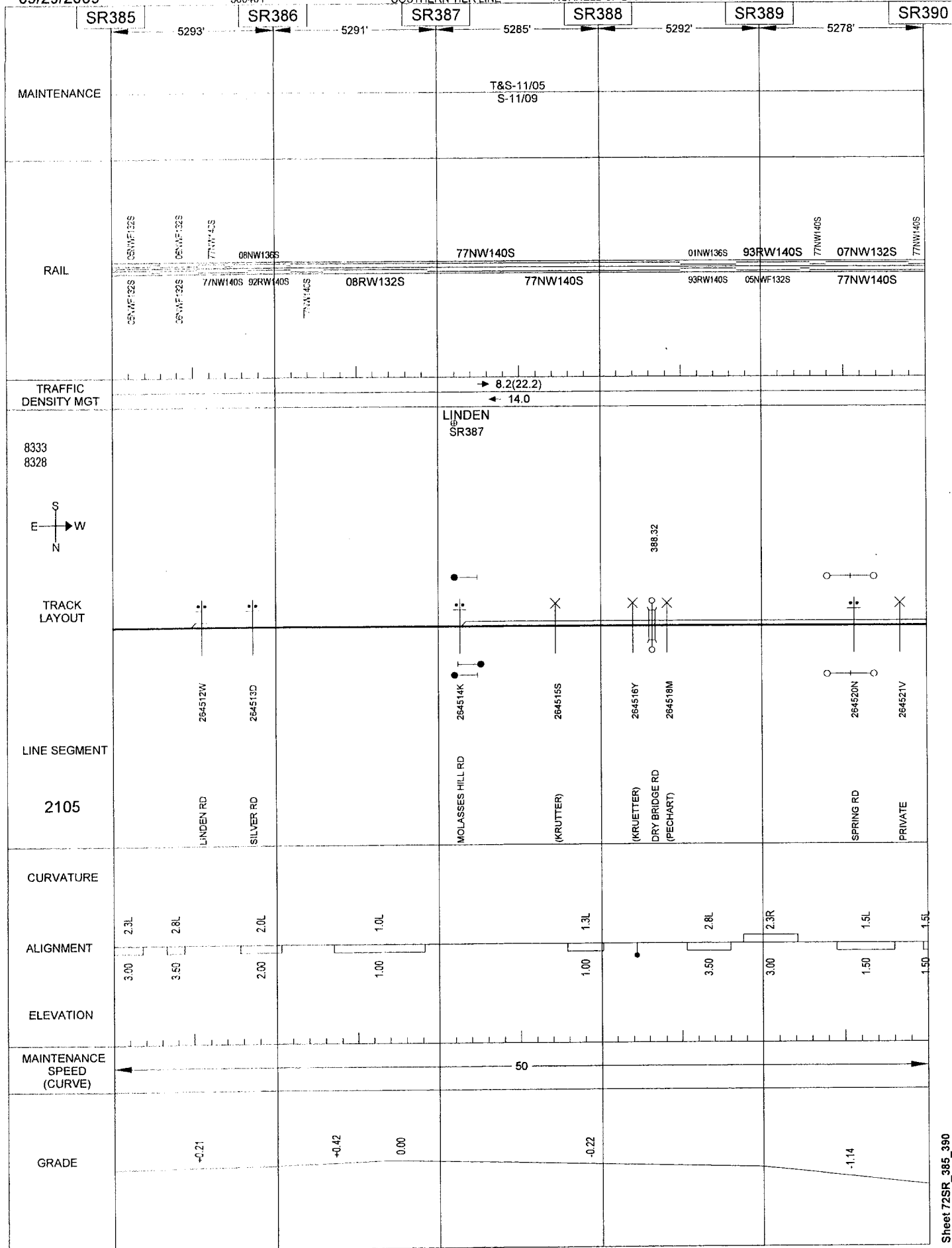
306401

297

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_385_390

09/29/2009

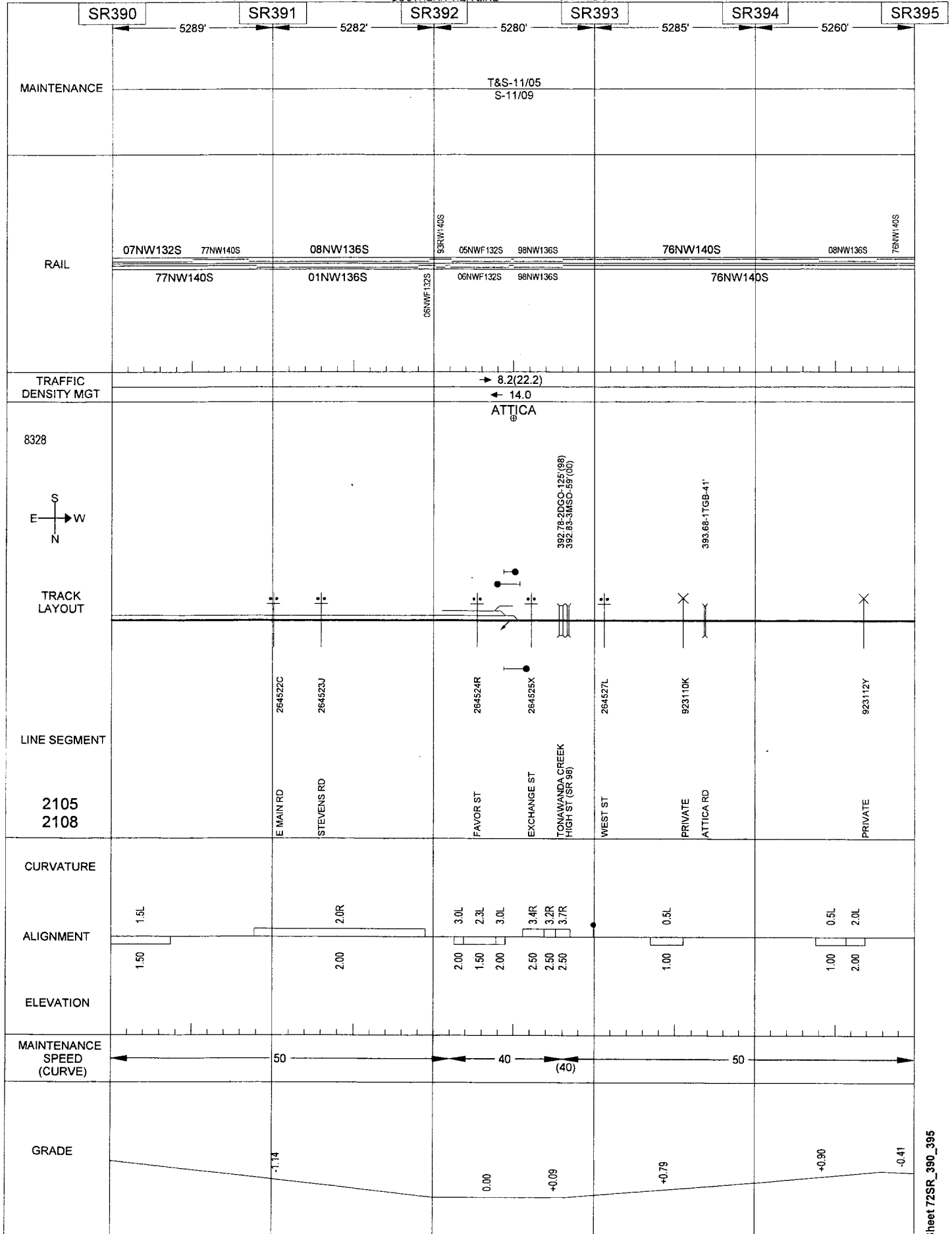
306401

298

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_390_395

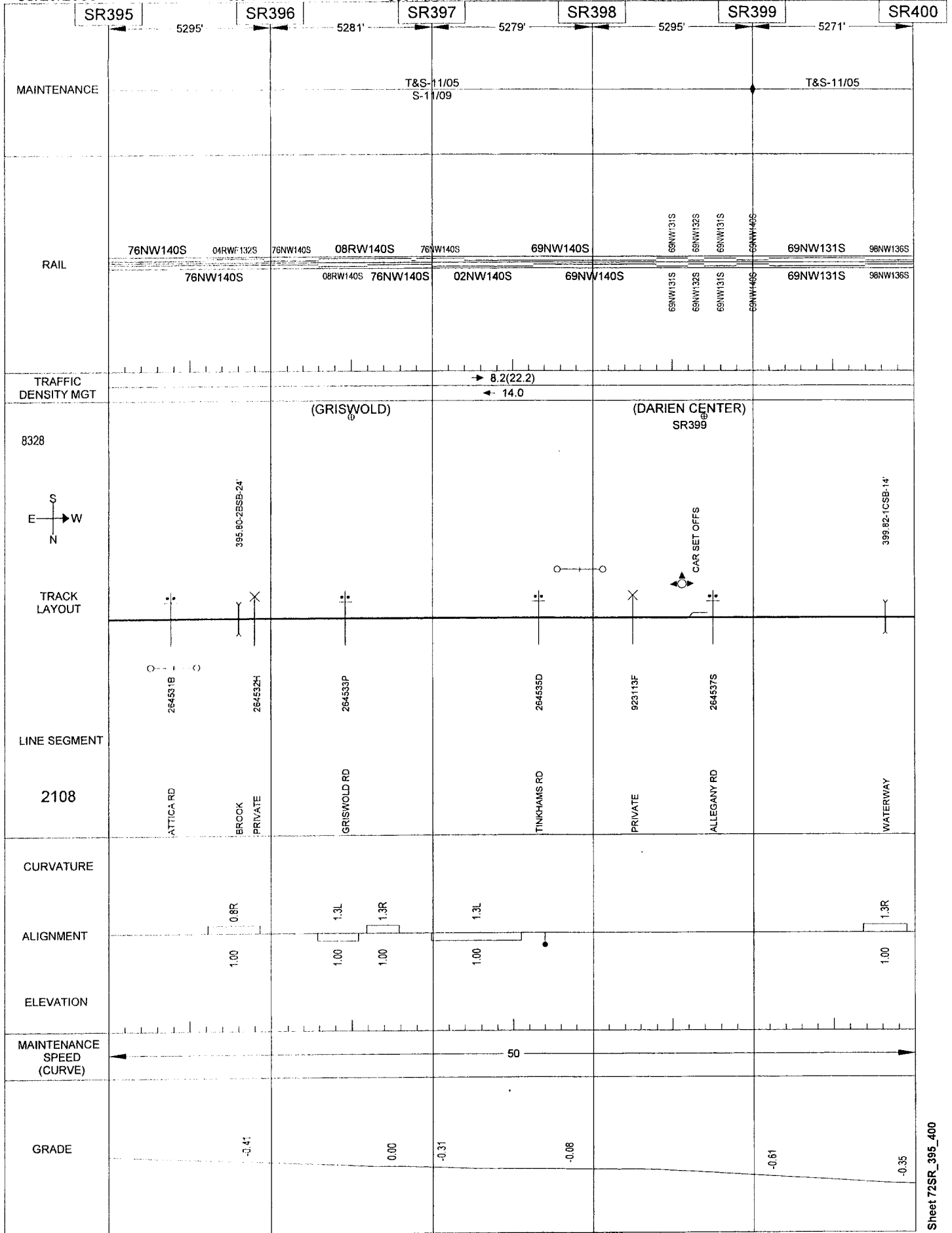
09/29/2009

306401

299
SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_395_400

09/29/2009

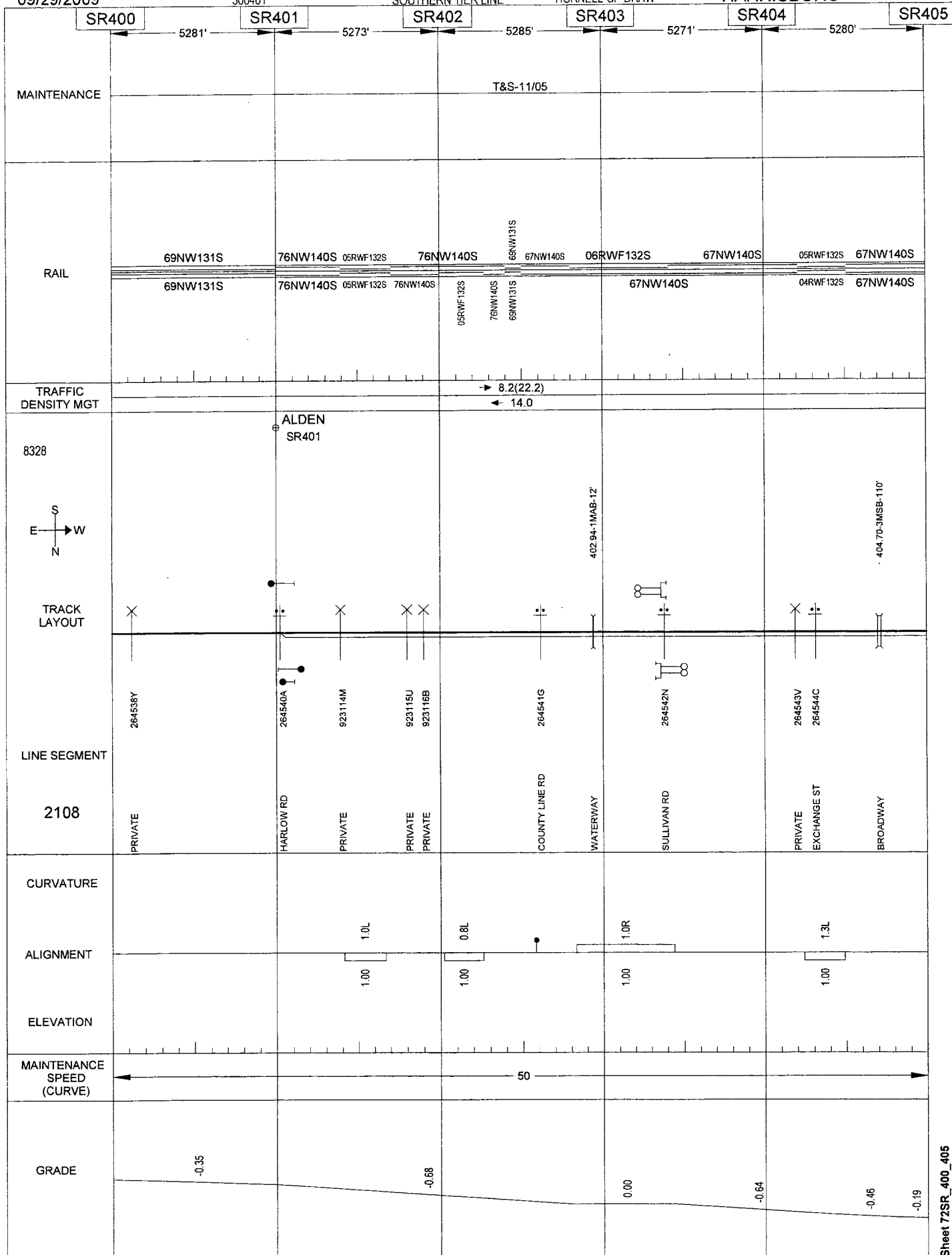
306401

300

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_400_405

09/29/2009

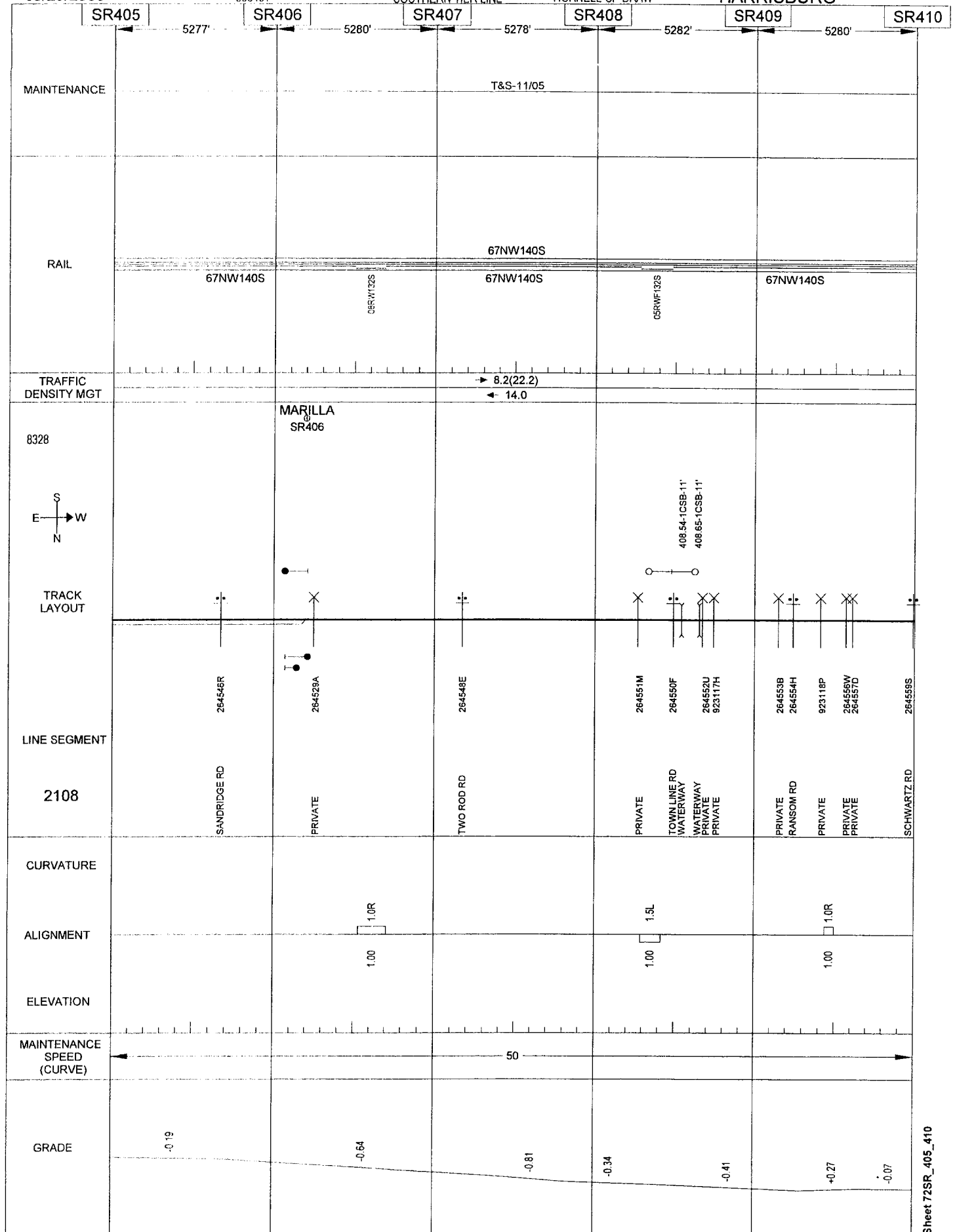
306401

301

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_405_410

09/29/2009

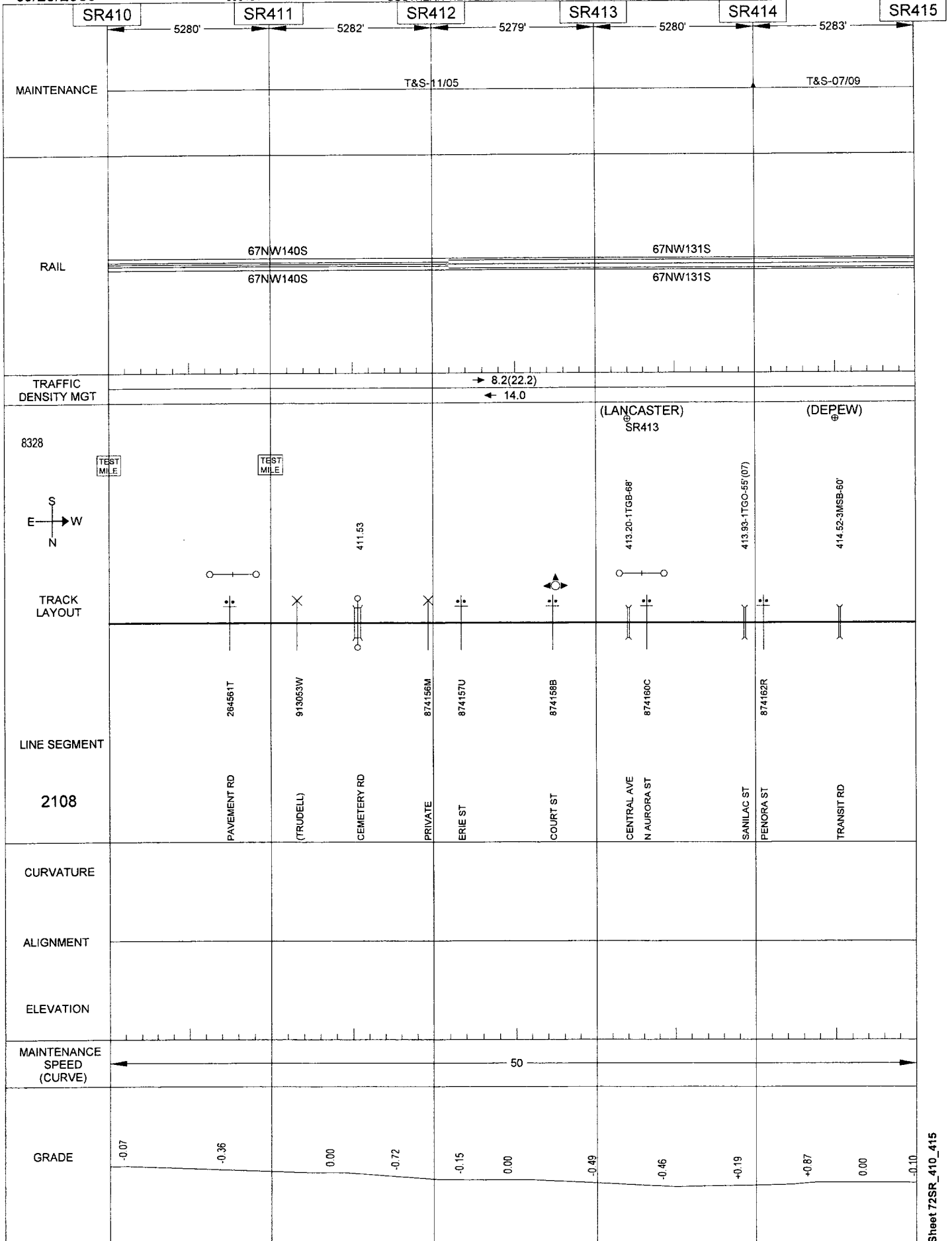
306401

302

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_410_415

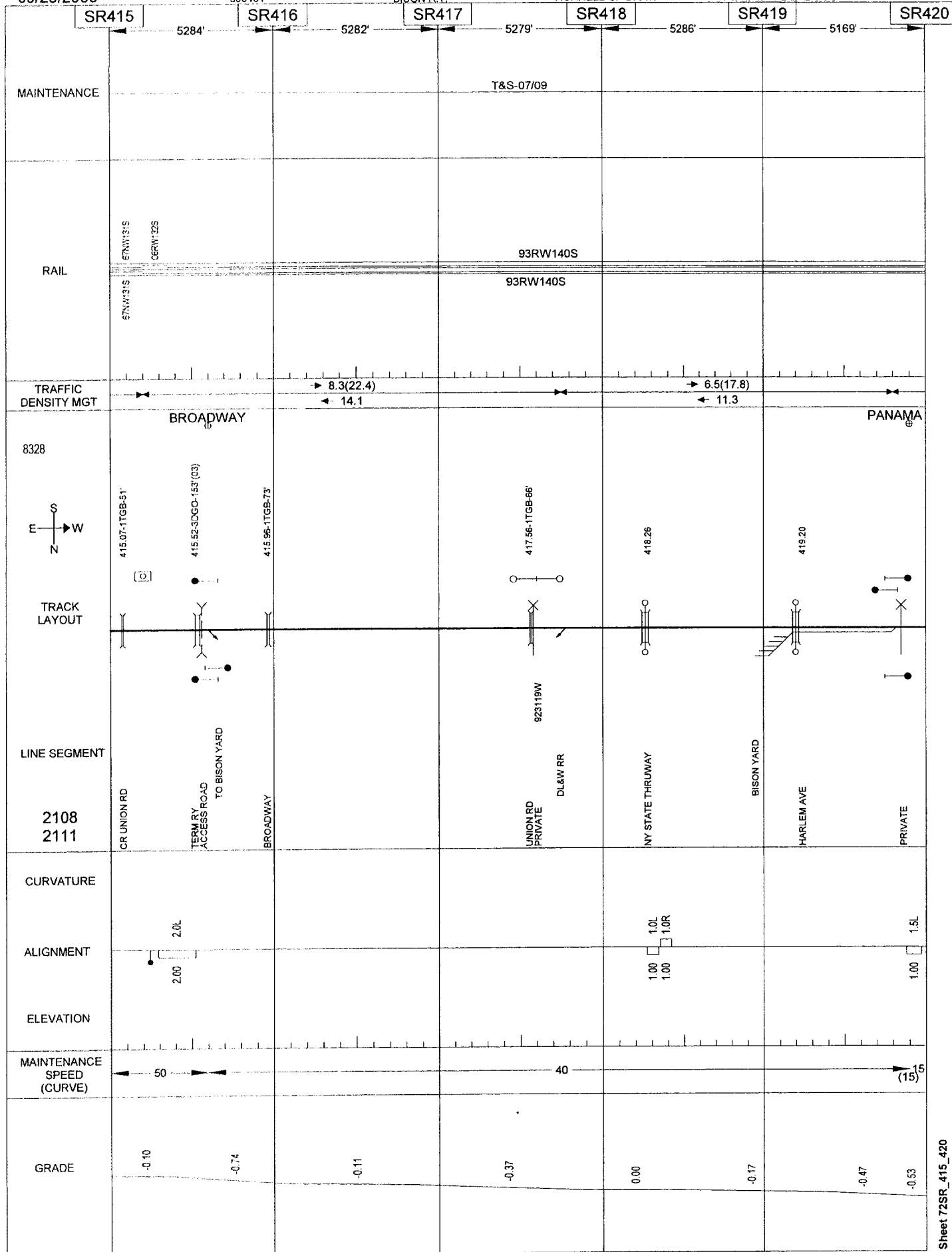
09/29/2009

306401

303
BISON R.T.

HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_415_420

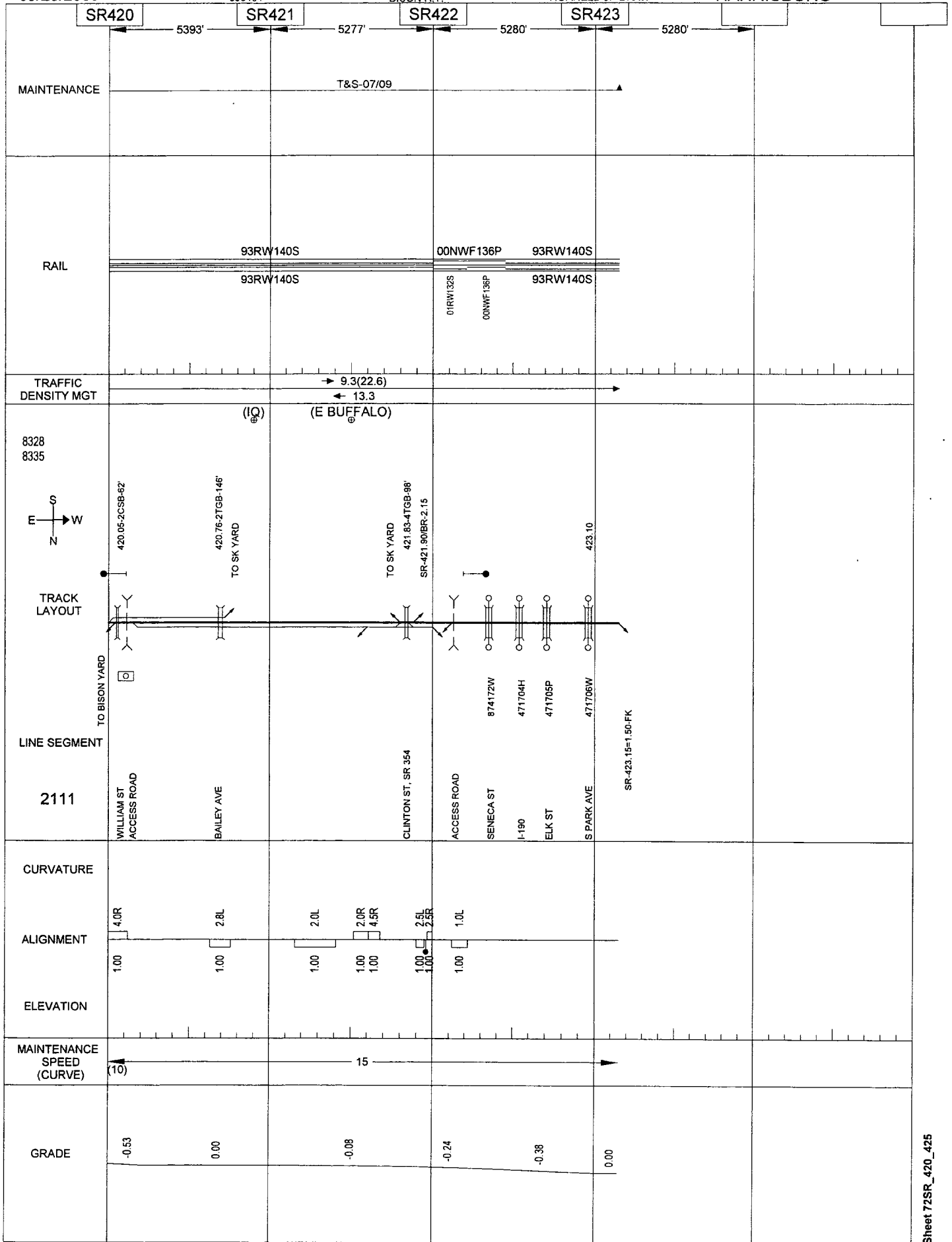
09/29/2009

306401

304
BISON R.T.

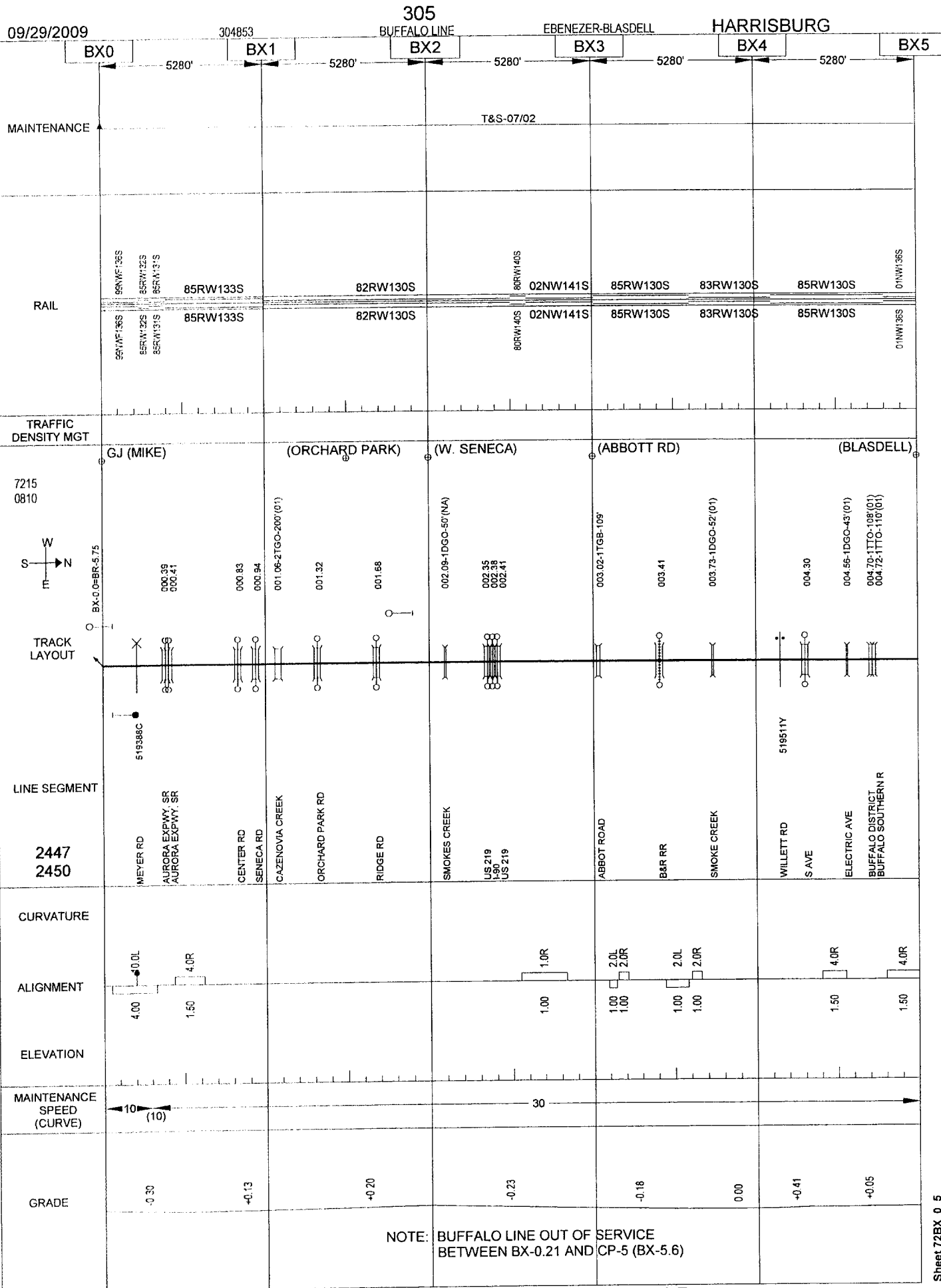
HORNELL-CP DRAW

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72SR_420_425



General Reference Only - Not for Operational Purposes

09/29/2009

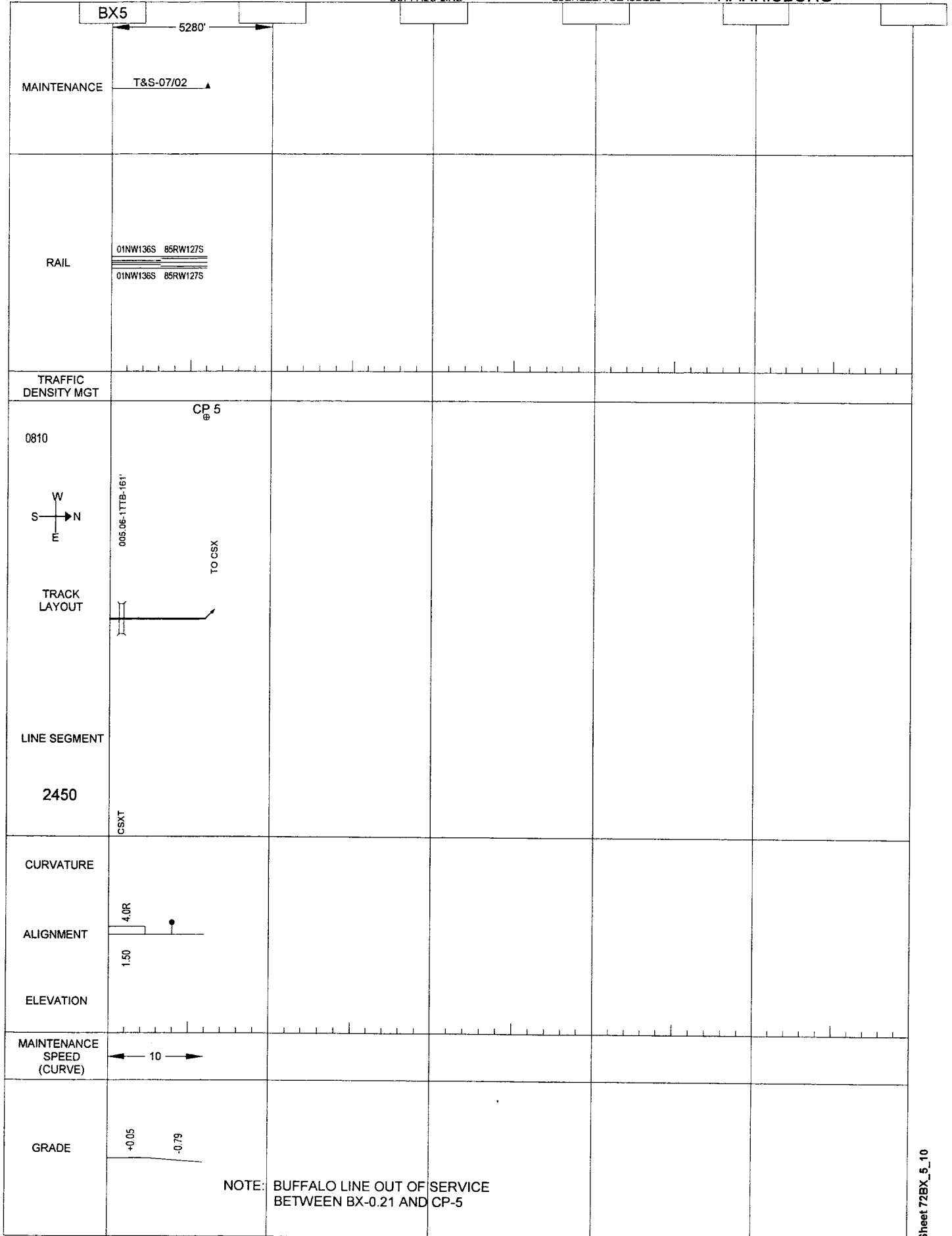
304853

306

BUFFALO LINE

EBENEZER-BLASDELL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

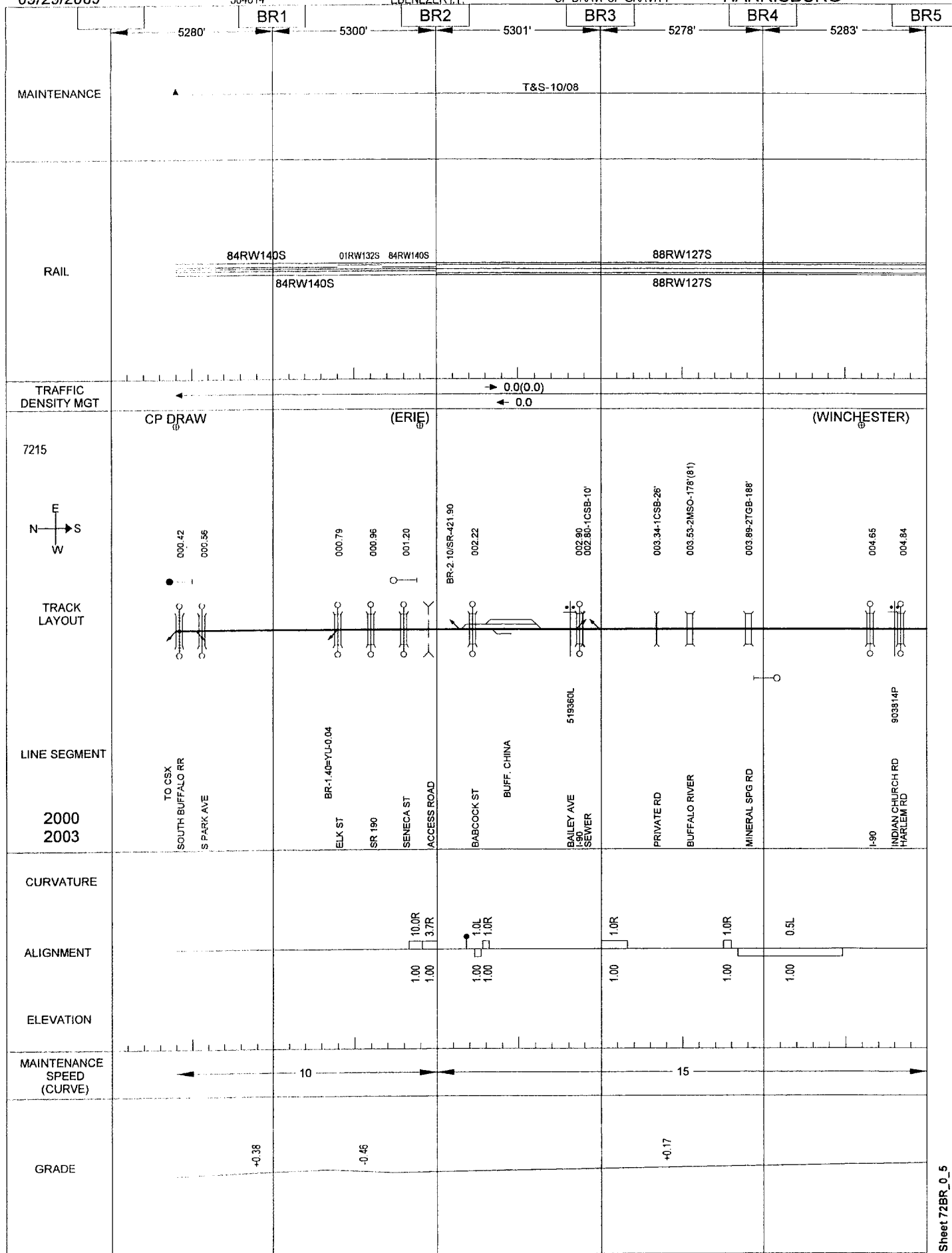
304814

307

EBENEZER I.T.

CP DRAW-CP GRAVITY

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72BR_0_5

09/29/2009

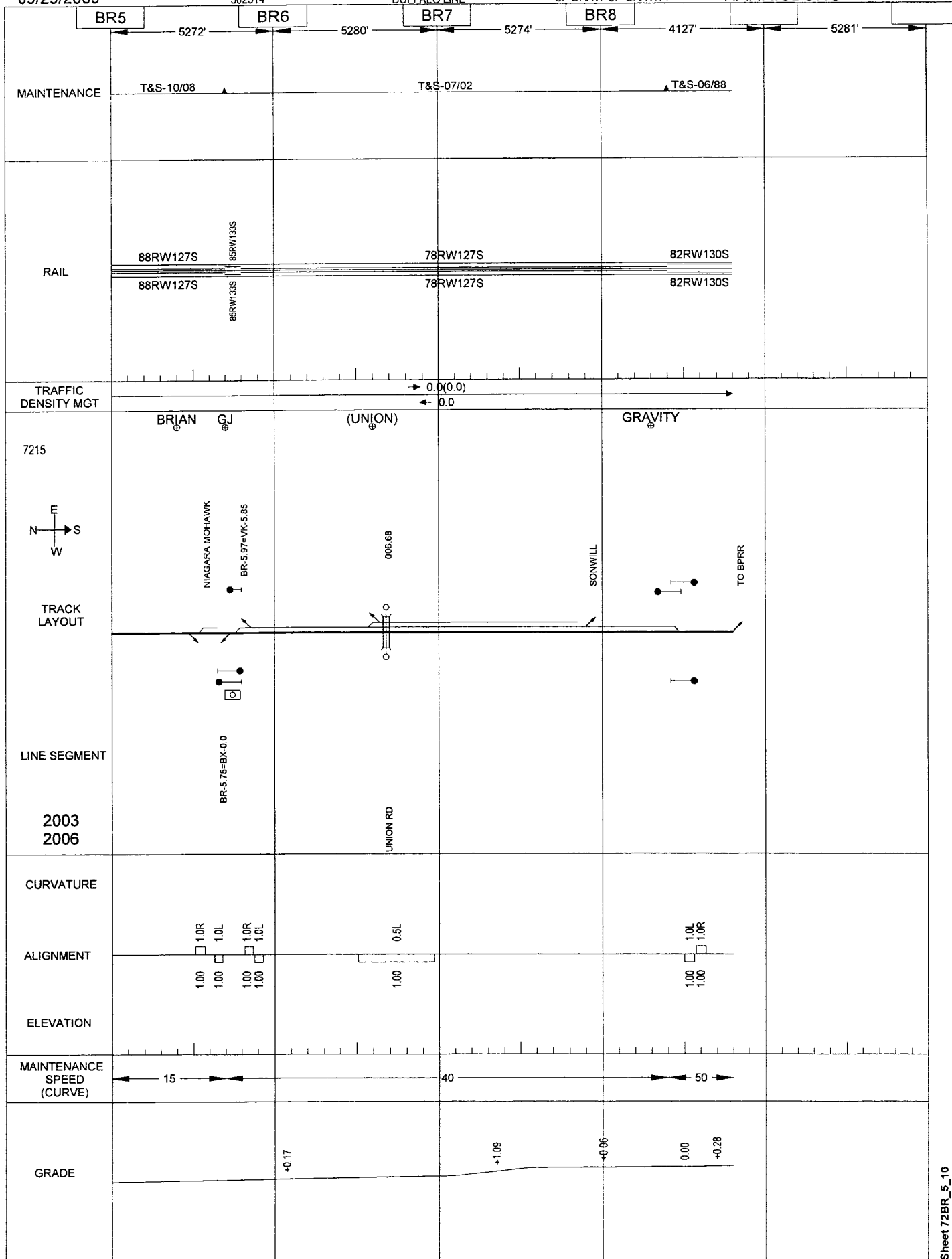
302314

308

BUFFALO LINE

CP DRAW-CP GRAVITY

HARRISBURG



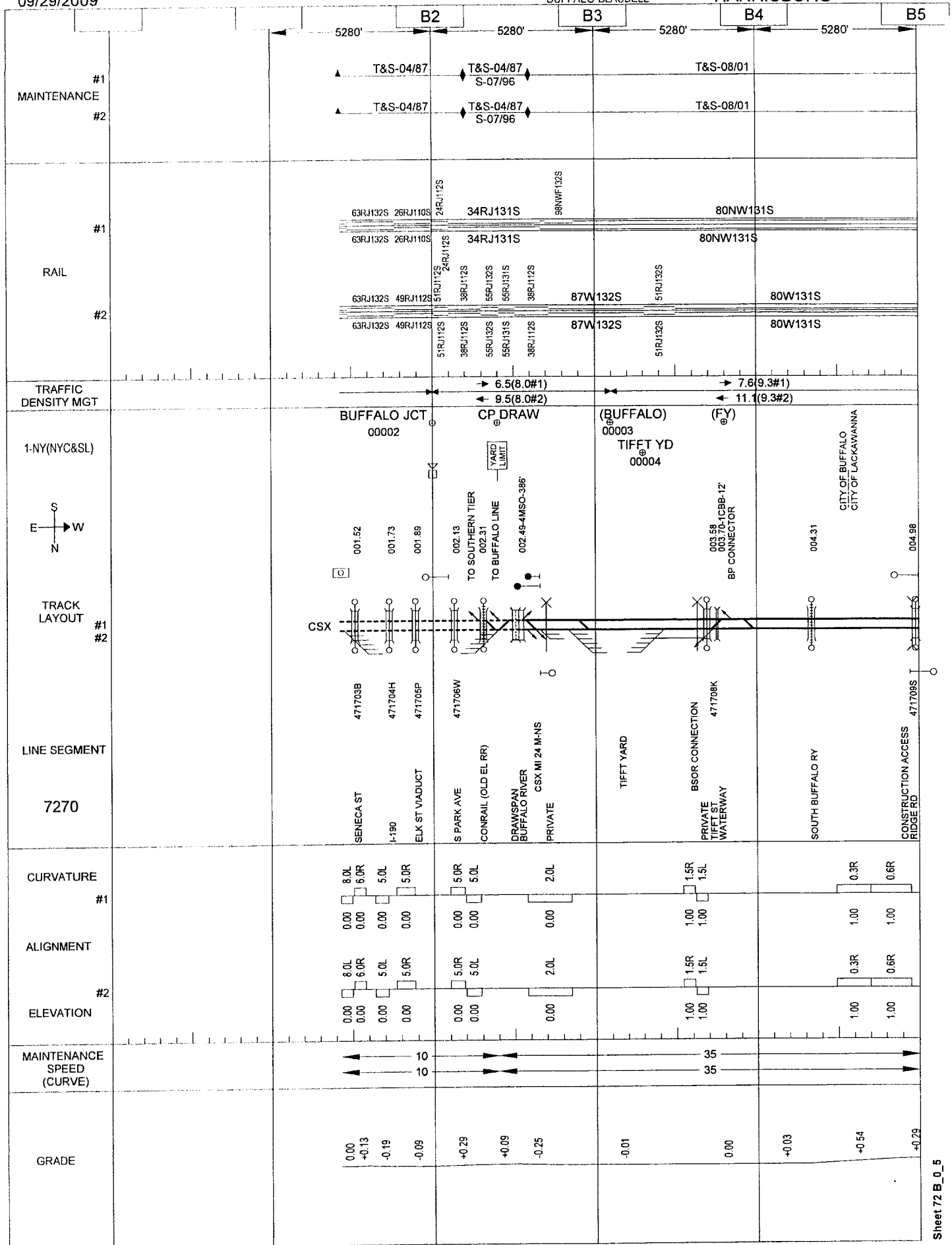
General Reference Only - Not for Operational Purposes

Sheet 72BR_5_10

09/29/2009

BUFFALO-BLASDELL

HARRISBURG



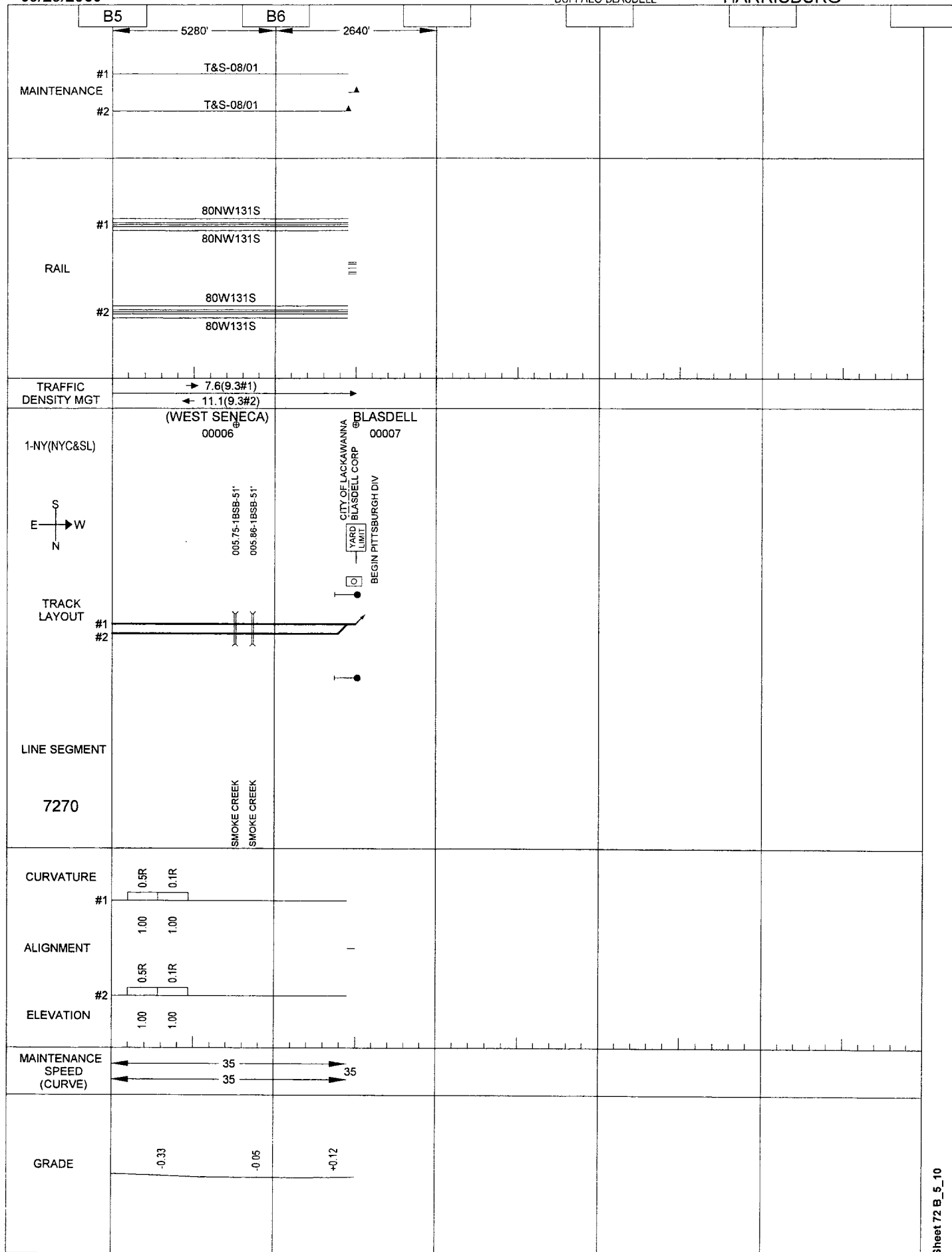
General Reference Only - Not for Operational Purposes

09/29/2009

310

BUFFALO-BLADDELL

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

300501

311
ITHACA SEC.

ATHENS-MILLIKEN

HARRISBURG

IS270

MAINTENANCE

▲ T&S-07/05

5598'

RAIL

54N136S
25N136S
45N131S
54N136S
25N136S
45N131STRAFFIC
DENSITY MGT0.1(0.4)
0.3

8213

S
E → W
NATHENS
IS270YARD
LIMIT

TO LRWY

362754L
362753ETRACK
LAYOUT

LINE SEGMENT

MAIN ST
WALNUT & N RIVER ST

2054

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

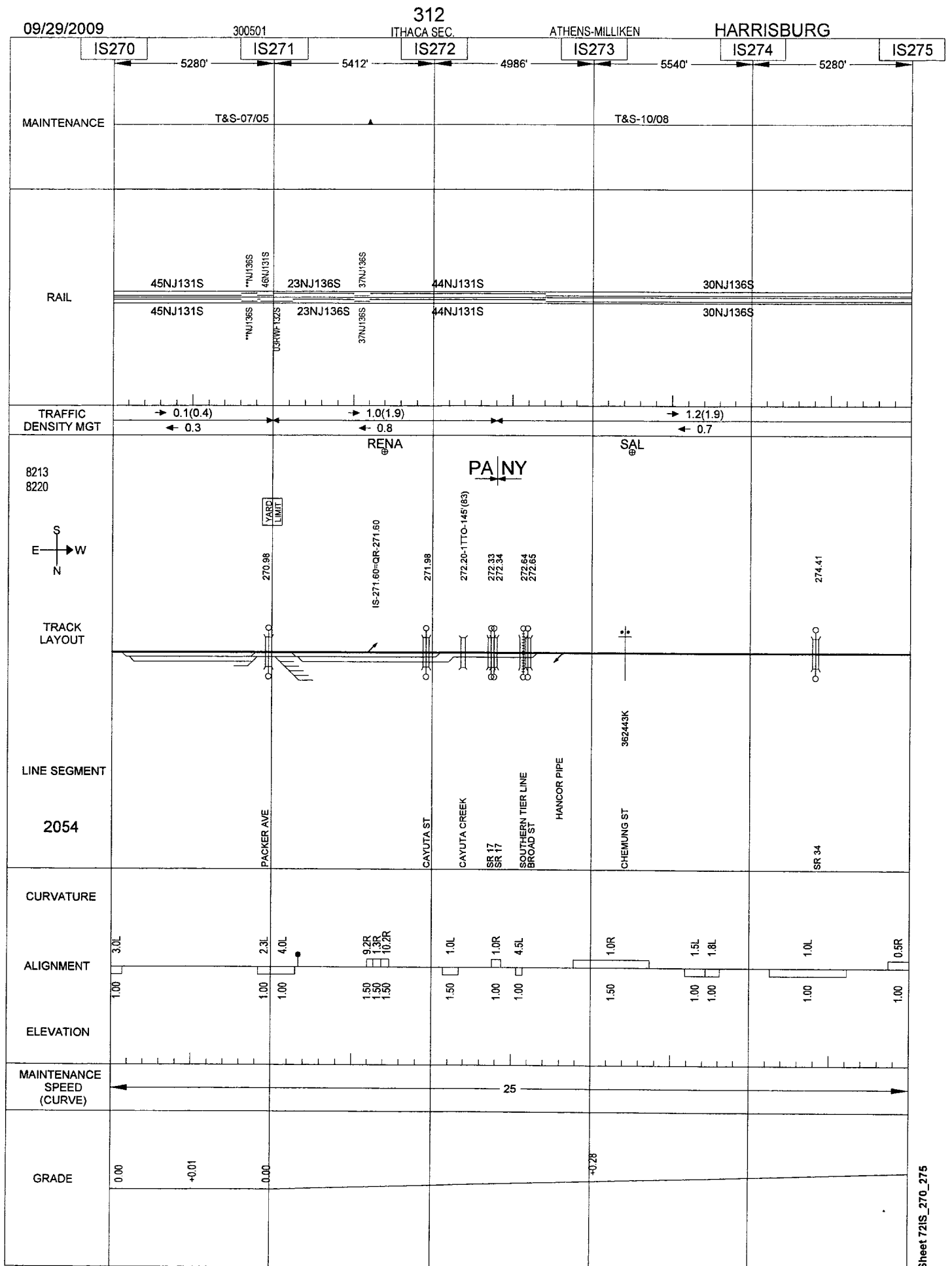
25

GRADE

+0.02
0.00

Sheet 72IS_265_270

General Reference Only - Not for Operational Purposes



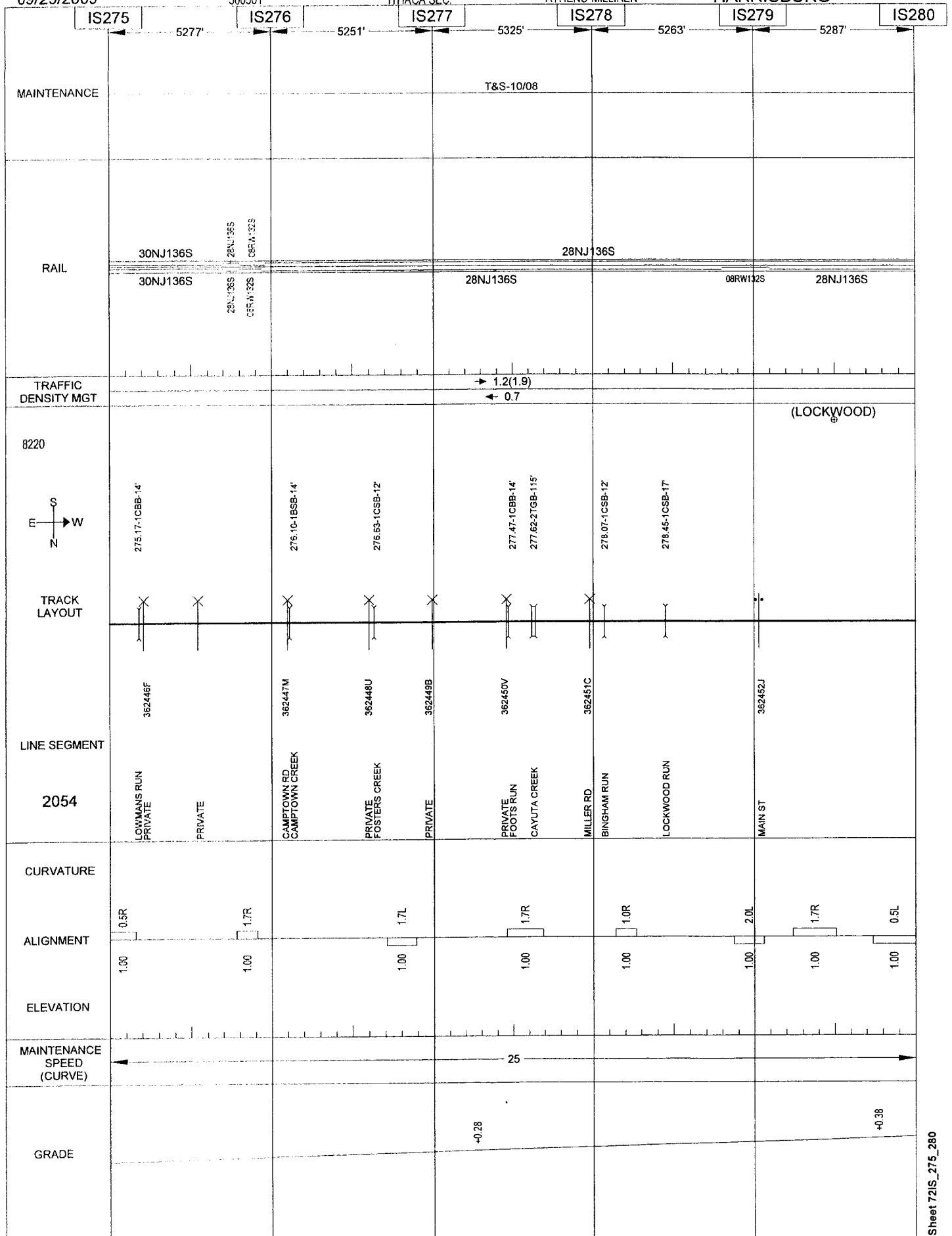
09/29/2009

300501

313
ITHACA SEC.

ATHENS-MILLIKEN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72IS_275_280

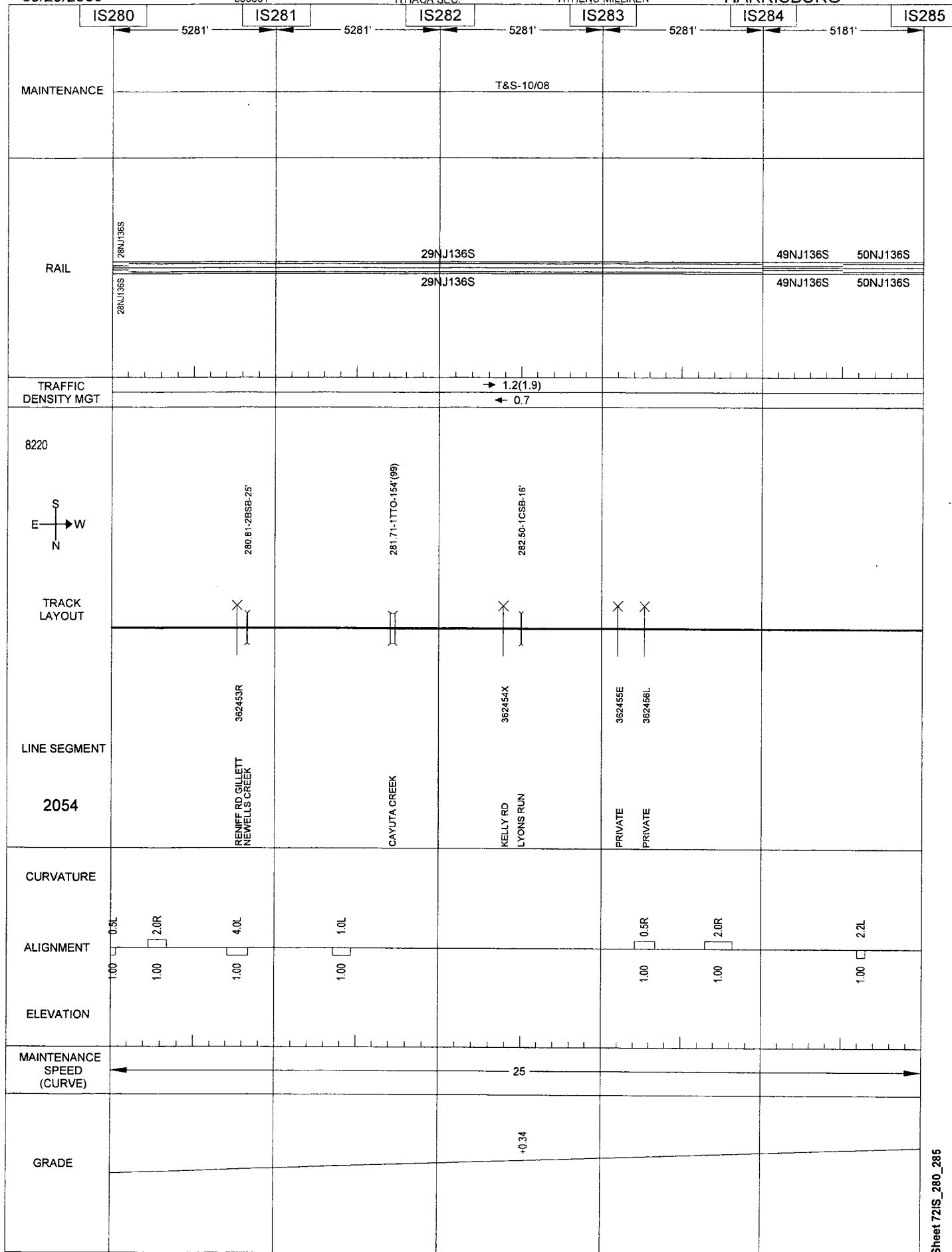
09/29/2009

300501

314
ITHACA SEC.

ATHENS-MILLIKEN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72IS_280_285

09/29/2009

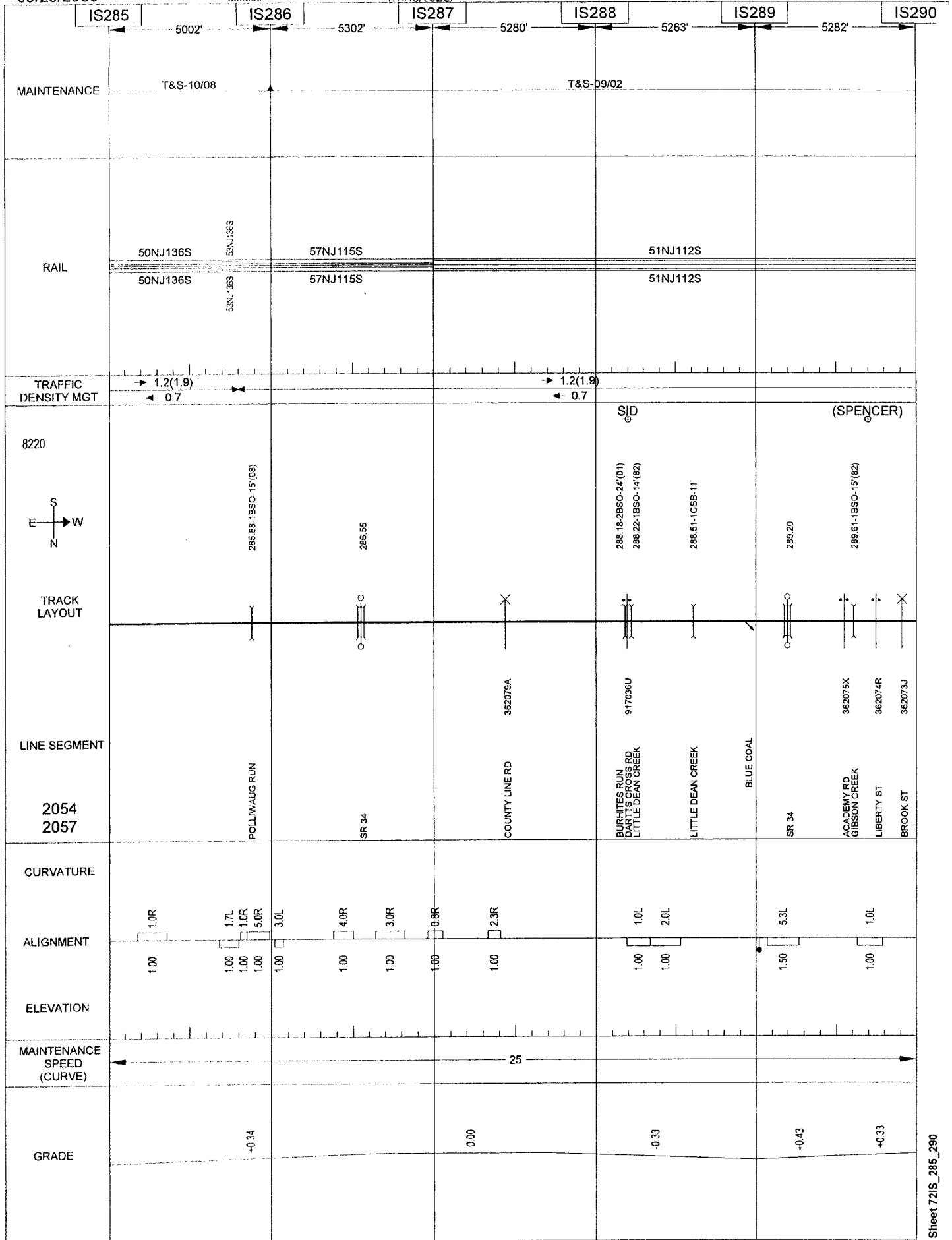
300609

315

ITHACA SEC.

ATHENS-MILLIKEN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

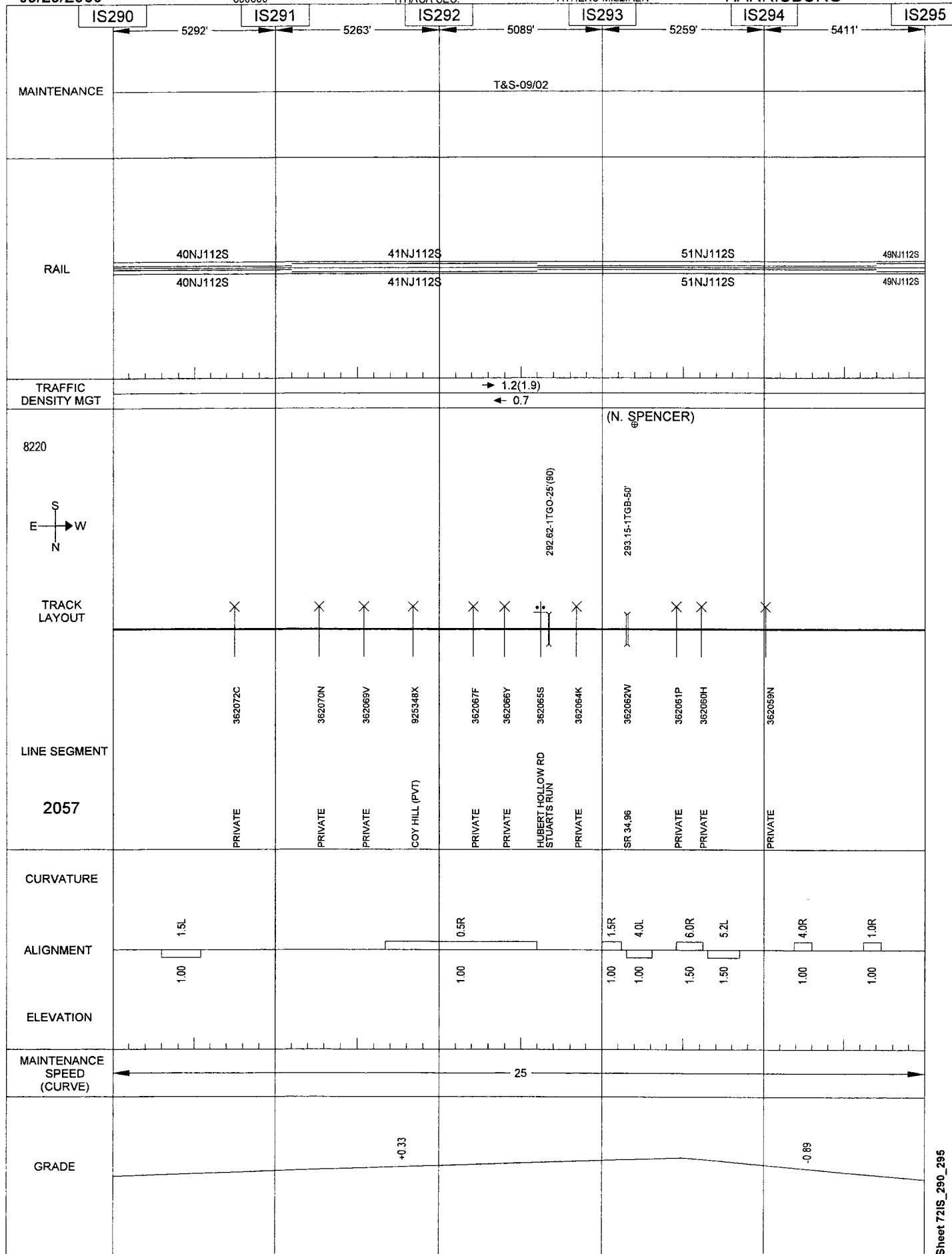
300609

316

ITHACA SEC.

ATHENS-MILLIKEN

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

300609

317

ITHACA SEC.

ATHENS-MILLIKEN

HARRISBURG

IS295

IS296

IS297

IS298

IS299

IS300

5167'

5442'

5124'

5275'

5285'

MAINTENANCE

T&S-09/02

RAIL

49NJ112S

49NJ112S

035WF12S

49NJ112S

TRAFFIC
DENSITY MGT

1.2(1.9)

0.7

(W. DANBY)

8220

S
E
N
W

296.76-1TGO-32'(83)

297.01-1CSB-11'

298.01-1MAB-12'

298.21-1BSO-12'(82)

298.66-1MAB-12'

299.60-1TGO-65'(81)

299.91

TRACK
LAYOUT

LINE SEGMENT

2057

PRIVATE
HILL VIEW RD
362056T
362056LWALDING LN
362053X

INLET CREEK

PRIVATE
INLET CREEK
362052R
362051J

STATION RD

PRIVATE
362050C

INLET CREEK

SNYDER RUN
EMORY RD
362048BINLET CREEK
BROWN EXT
362045MBROWN RD
STRATTON CREEK
362045F

SR 34, '96

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

GRADE

1.00

3.7R

1.00

4.2R

1.00

1.8L

1.00

4.1L

1.00

5.2R

1.00

3.0L

1.00

4.0L

1.00

1.3R

1.00

2.0L

1.00

2.0L

1.00

2.3R

1.00

4.8R

1.00

2.3R

1.00

3.0L

1.00

-0.89

-1.10

-1.62

General Reference Only - Not for Operational Purposes

Sheet 72/S_295_300

09/29/2009

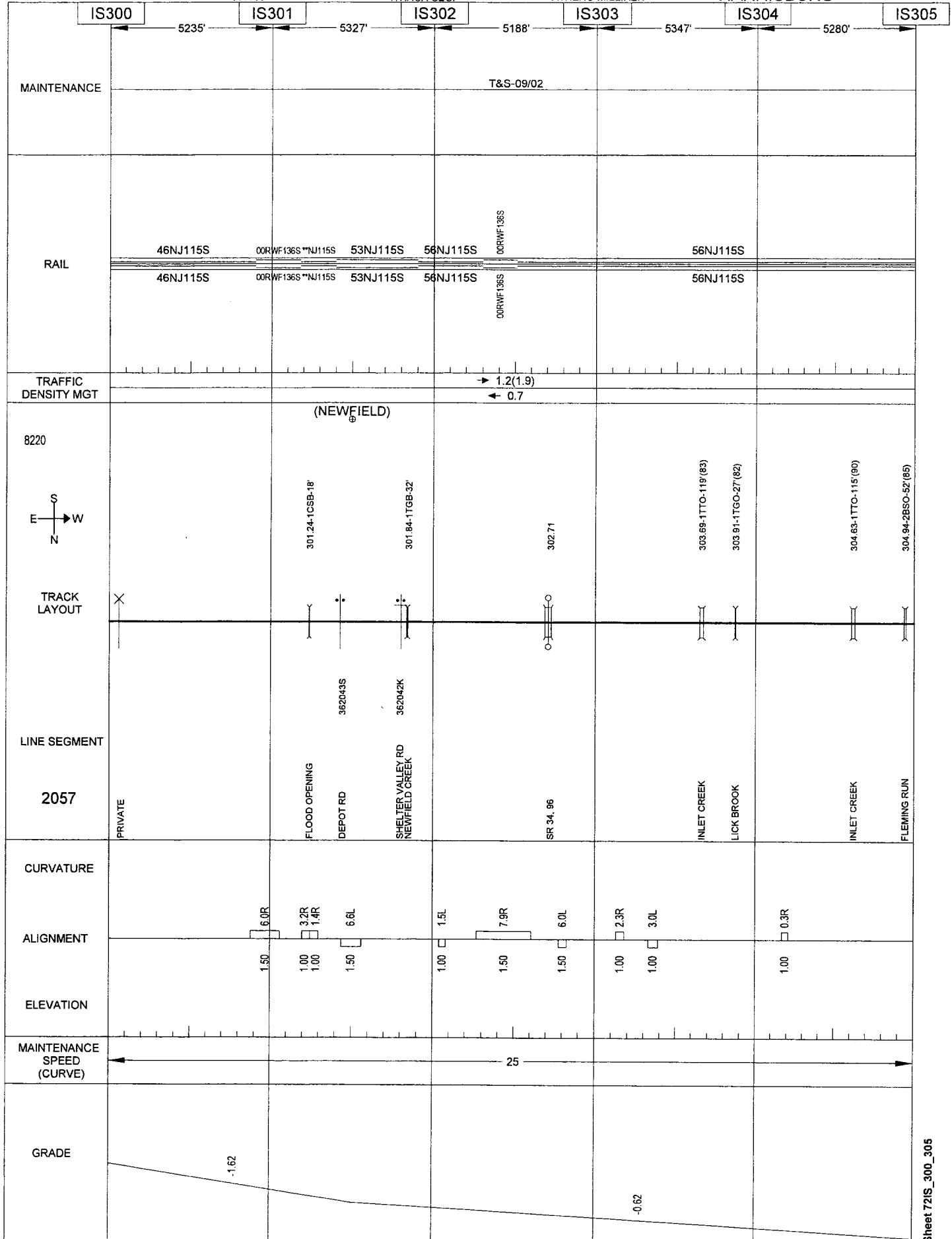
300609

318

ITHACA SEC.

ATHENS-MILLIKEN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72IS_300_305

	IS310	IS311	IS312	IS313	IS314	IS315
MAINTENANCE	T&S-09/02					
RAIL	83RW130S 83RW130S					
TRAFFIC DENSITY MGT	→ 1.2(1.9) ← 0.7					
8219	(MC KINNEYS)			(PORTLAND PT)	(LUDLOWVILLE)	
E S W N	310.16-BSO-11'(81) 310.19-BSO-18'(93)		312.52-BSO-4'(92)	313.38-BSO-50'(00)	314.22-BSO-15'(81)	314.83-TTO-132'(82)
TRACK LAYOUT	X X		X	X X	X X X X	X X
LINE SEGMENT	362102S 362103Y		925107J	362105M	362117G	925108R 362119V 362120P 362121W 362122D
2060	PRIVATE WATERWAY PRIVATE WATERWAY		PUMP STATION	PRIVATE GULF CREEK	PVT-CARGILL	CARGILL SALT WATERWAY PRIVATE LADOGA PARK PRIVATE SALMON CREEK PUBLIC
CURVATURE						
ALIGNMENT	4.5L 1.00 □ 3.0R 1.00 □ 1.4R 1.00 □ 0.8R	0.6L 1.00 □ 1.5R 1.00 □ 2.6L 1.00 □ 2.5R 1.00 □ 3.5L 1.50 □ 5.2L 1.50 □ 5.4R	1.50 □ 5.3R 1.00 □ 1.2L 1.00 □ 0.7R 1.00 □ 1.2L 1.50 □ 5.2L	1.50 □ 7.0R 1.00 □ 2.0L 1.00 □ 4.5L 1.00 □ 3.5R 1.00 □ 4.5R 1.00 □ 4.1L 1.00 □ 3.0R 1.00 □ 2.9L	3.2L 1.00 □ 0.5L 1.00 □ 1.9L 1.00 □ 4.1R	2.4L 1.00 □ 2.4L
ELEVATION						
MAINTENANCE SPEED (CURVE)	10		25	(10)		
GRADE	+0.02	0.00		-0.08 0.00 -0.38	0.00 +0.27	0.00

Sheet 72IS_310_315

09/29/2009

300610

321

MILLIKEN J.T.

ATHENS-MILLIKEN

HARRISBURG

IS315

IS316

IS317

IS318

IS319

IS320

5498'

5283'

5283'

5283'

5281'

MAINTENANCE

T&S-09/02

T&S-08/07

RAIL

83RW130S

83RW130S

TRAFFIC
DENSITY MGT

→ 0.0(0.0)

← 0.0

→ 0.0(0.0)

← 0.0

(LUDLOWVILLE)

MILL

(LANŠING)

8219

TRACK
LAYOUT

LINE SEGMENT

2060

362123K
362124S
362125Y
362126F362127M
362128U

362129V

LANŠING RD
PVT-WALKWAY
PVT-WALKWAY
PVT-WALKWAYPRIVATE
PRIVATE

PRIVATE

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

10

GRADE

0.00

+0.34

0.00

+0.34

+0.51

General Reference Only - Not for Operational Purposes

Sheet 72/IS_315_320

09/29/2009

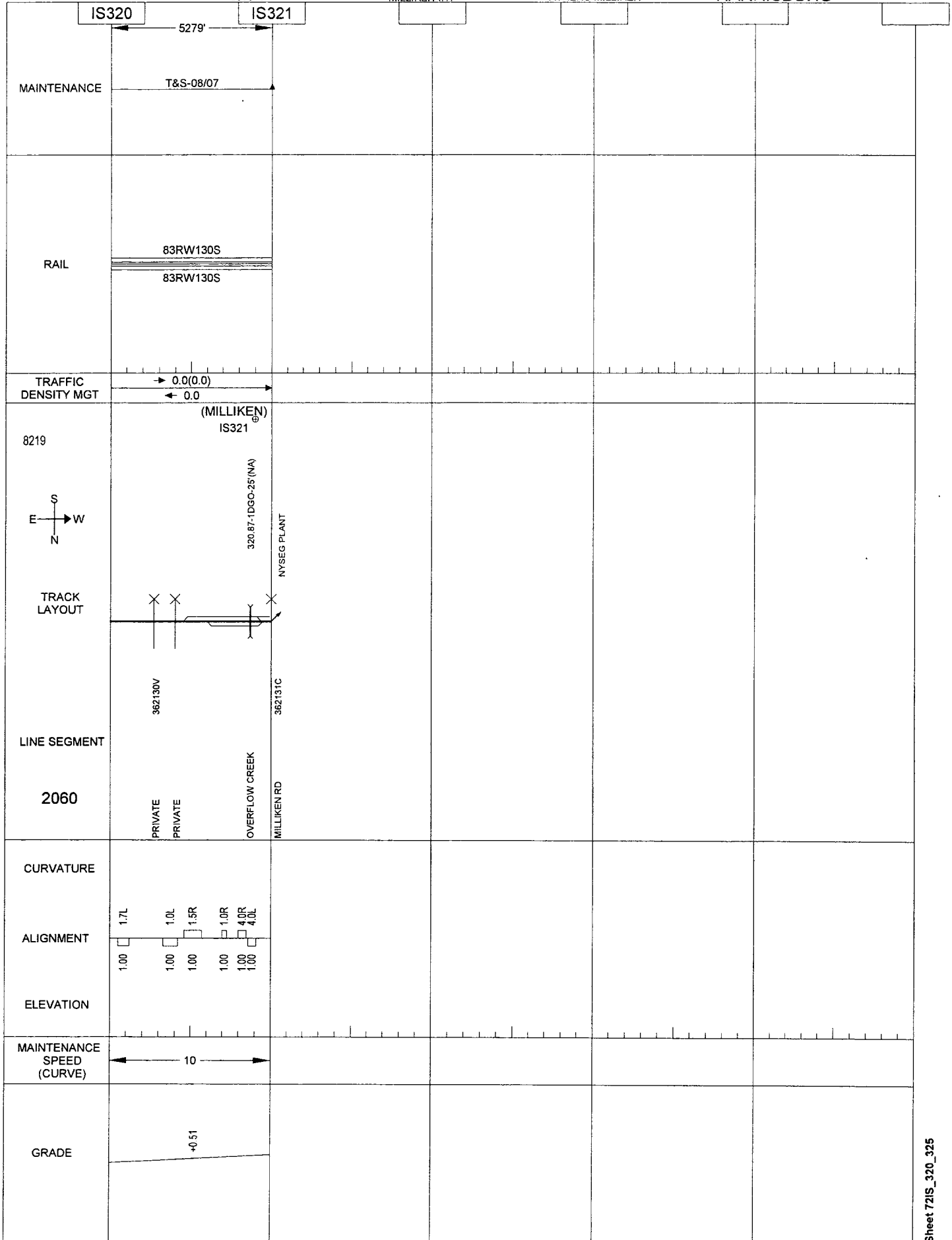
300610

322

MILLIKEN I.T.

ATHENS-MILLIKEN

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72IS_320_325

09/29/2009

300618

323
LEHIGH SEC.
QR272

CROFT-CP WAVERLY
QR273

HARRISBURG

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8213
8220



TRACK
LAYOUT

LINE SEGMENT

2063

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

T&S-07/05

04NWF132S

04NWF132S

04RWF132S

04NWF132S

04NWF132S

0.9(2.5)
1.6

RENA

(SAYRE)

WAVERLY

PA NY

QR-271.60=IS-271.60

273.34=TOGB-250'

273.50
QR-273.20=SR-254.93

362747B

362744F

SPRING ST

BRADFORD ST

ST ROUTE 17

PENNA AVE

4.6L
1.00

4.5L
1.00

5.3L
1.00

3.0R
1.00

25

+0.38

+0.87

+0.67

+0.17

General Reference Only - Not for Operational Purposes

Sheet 72QR_270_275

09/29/2009

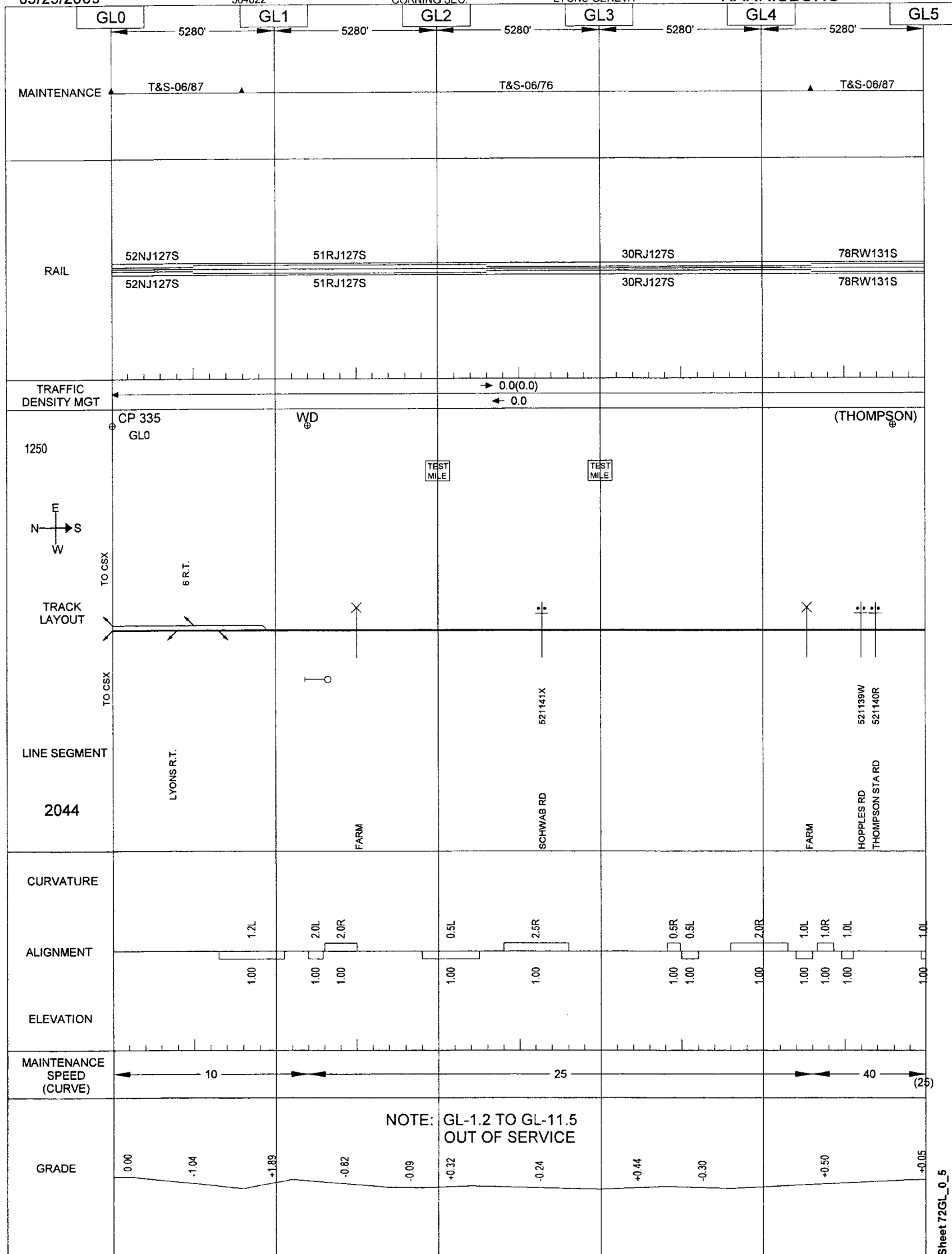
304822

324

CORNING SEC.

LYONS-GENEVA

HARRISBURG



Sheet 72GL_0_5

General Reference Only - Not for Operational Purposes

09/29/2009

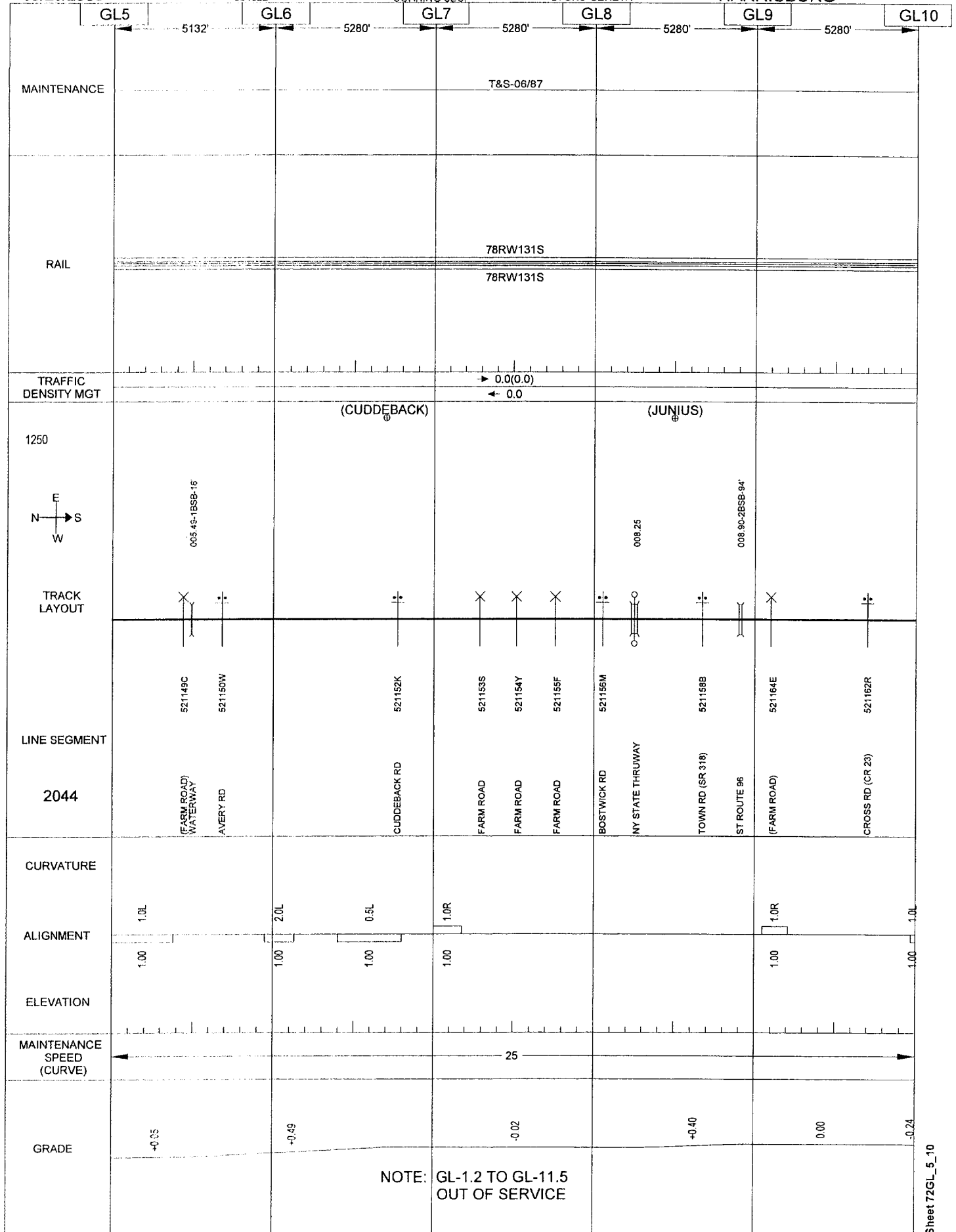
304822

325

CORNING SEC.

LYONS-GENEVA

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

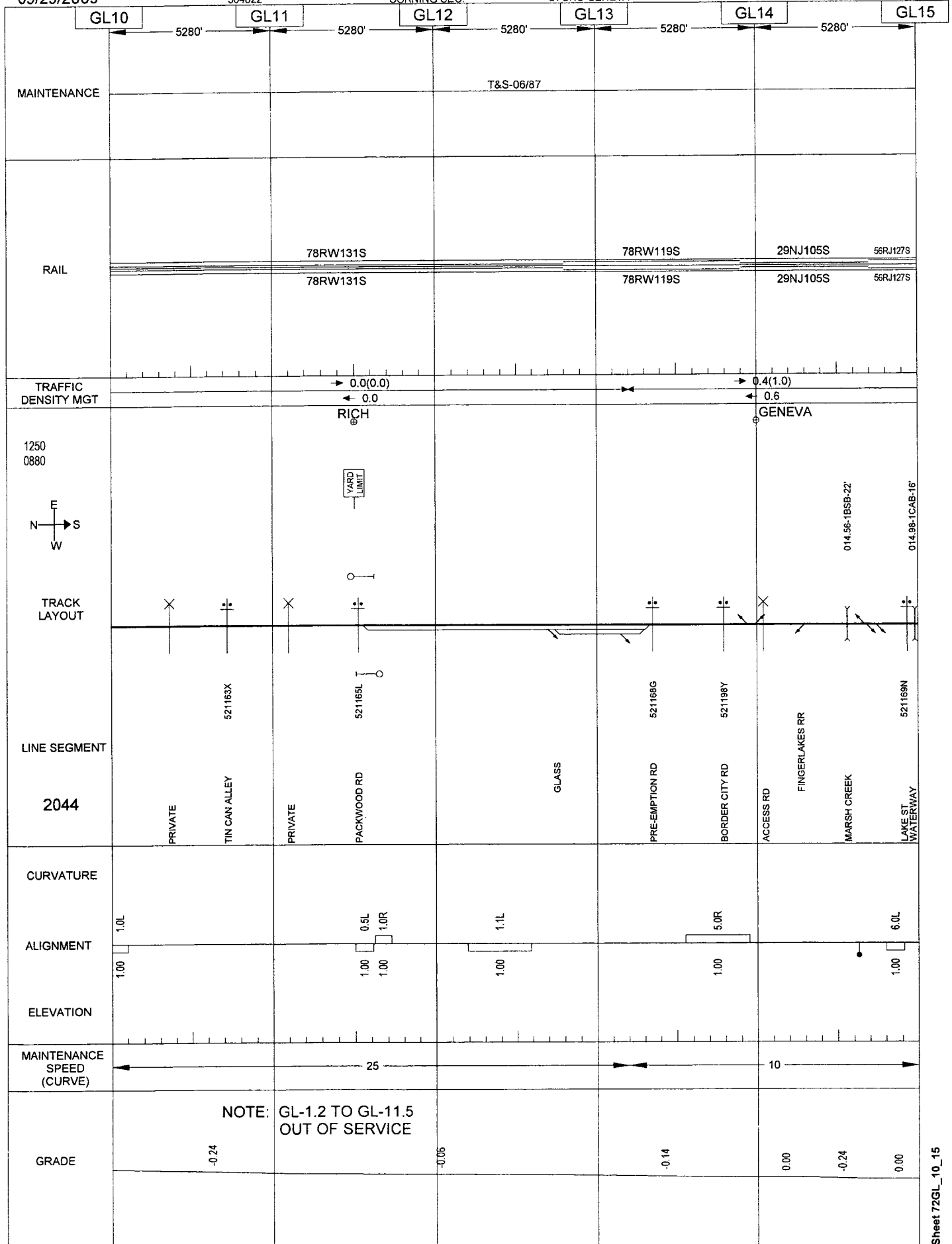
304822

326

CORNING SEC.

LYONS-GENEVA

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_10_15

09/29/2009

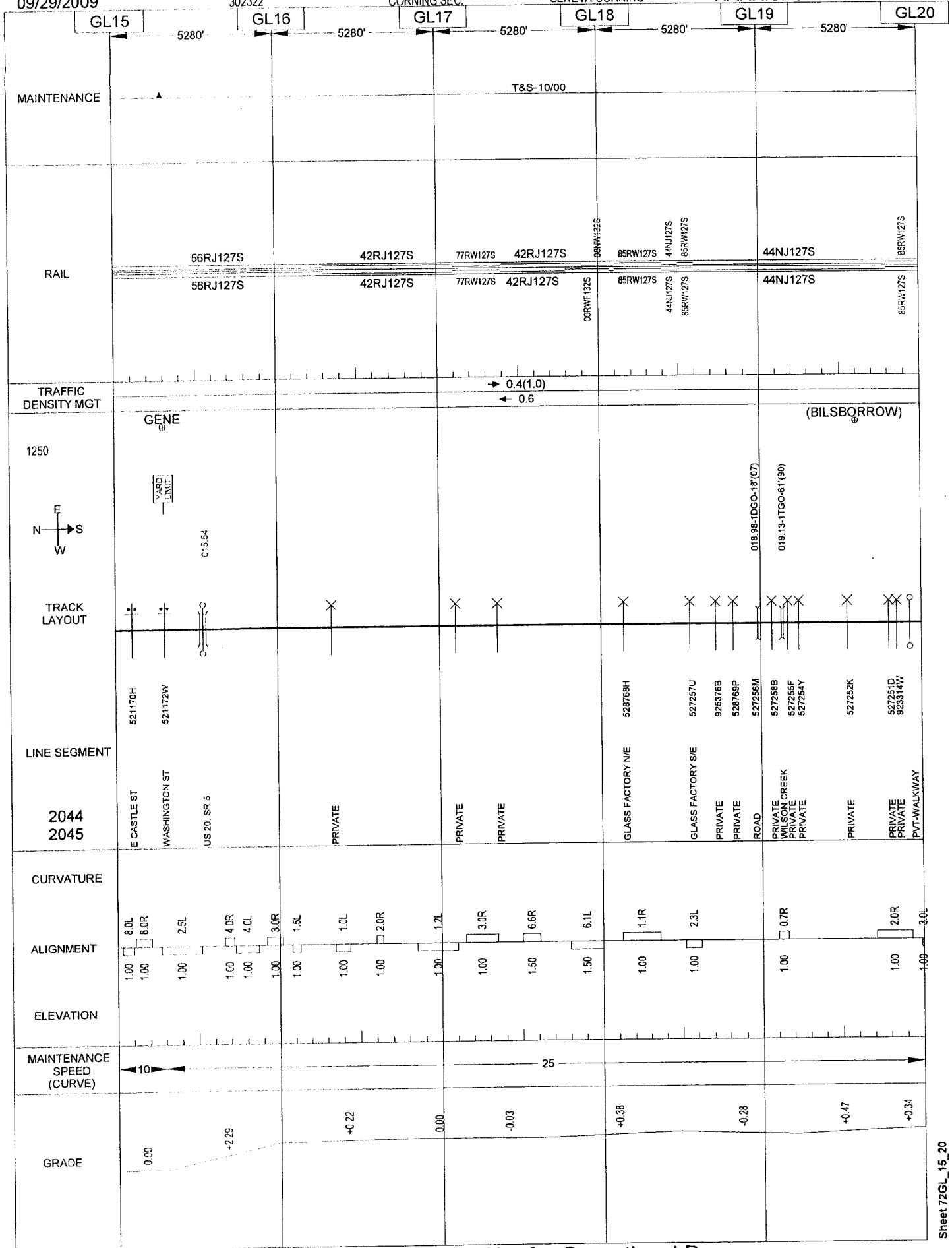
302322

327

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_15_20

09/29/2009

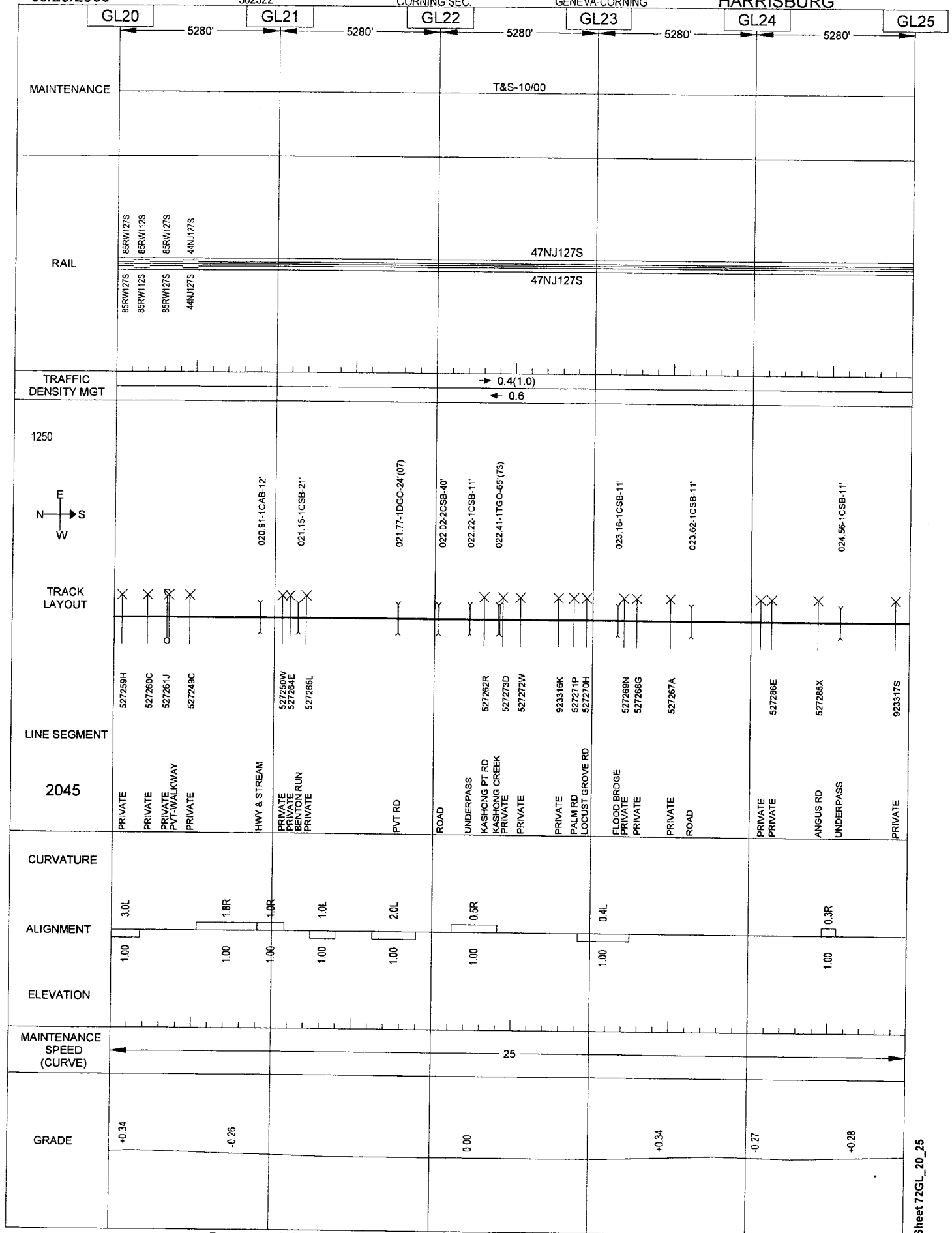
302322

328

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_20_25

09/29/2009

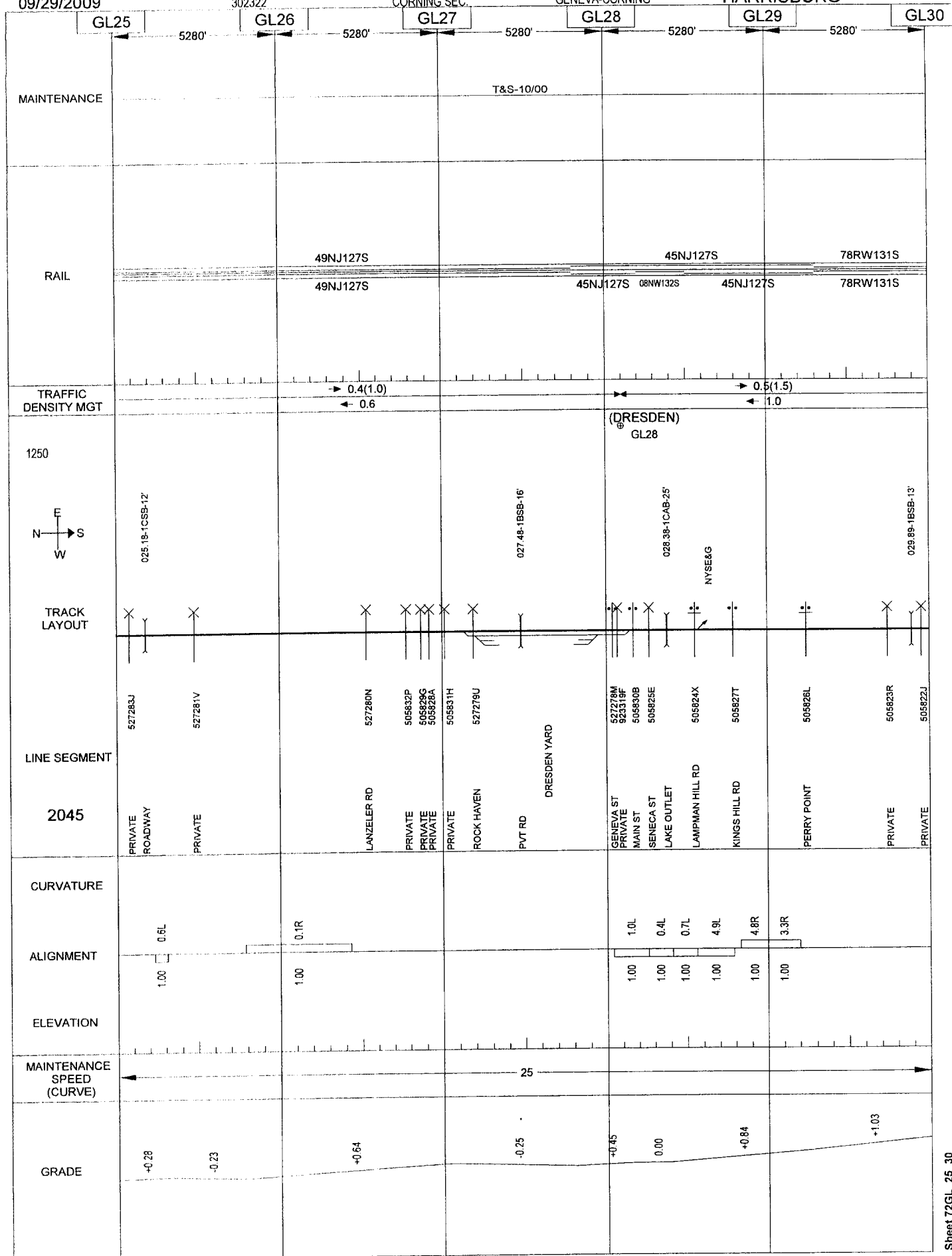
302322

329

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_25_30

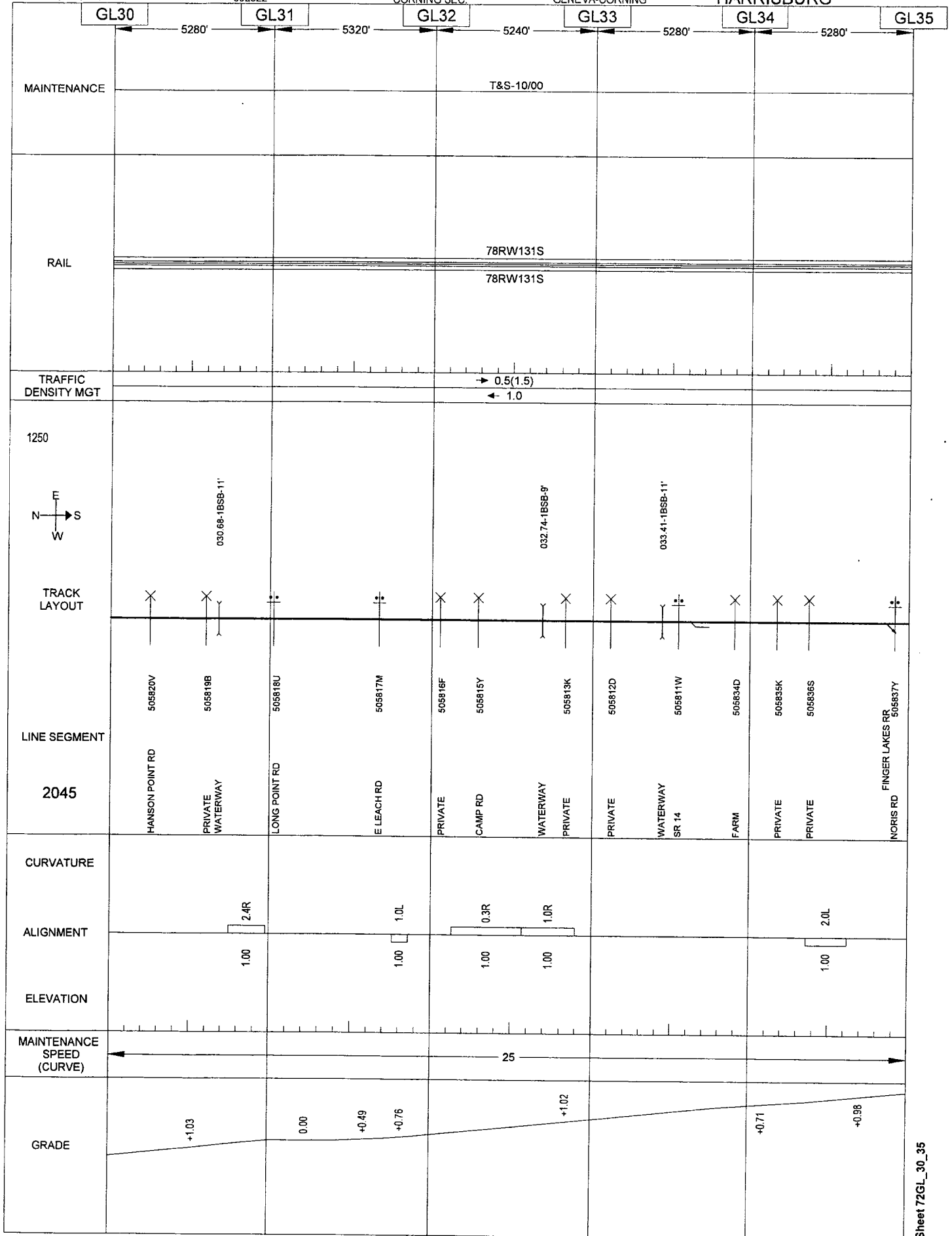
09/29/2009

302322

330
CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

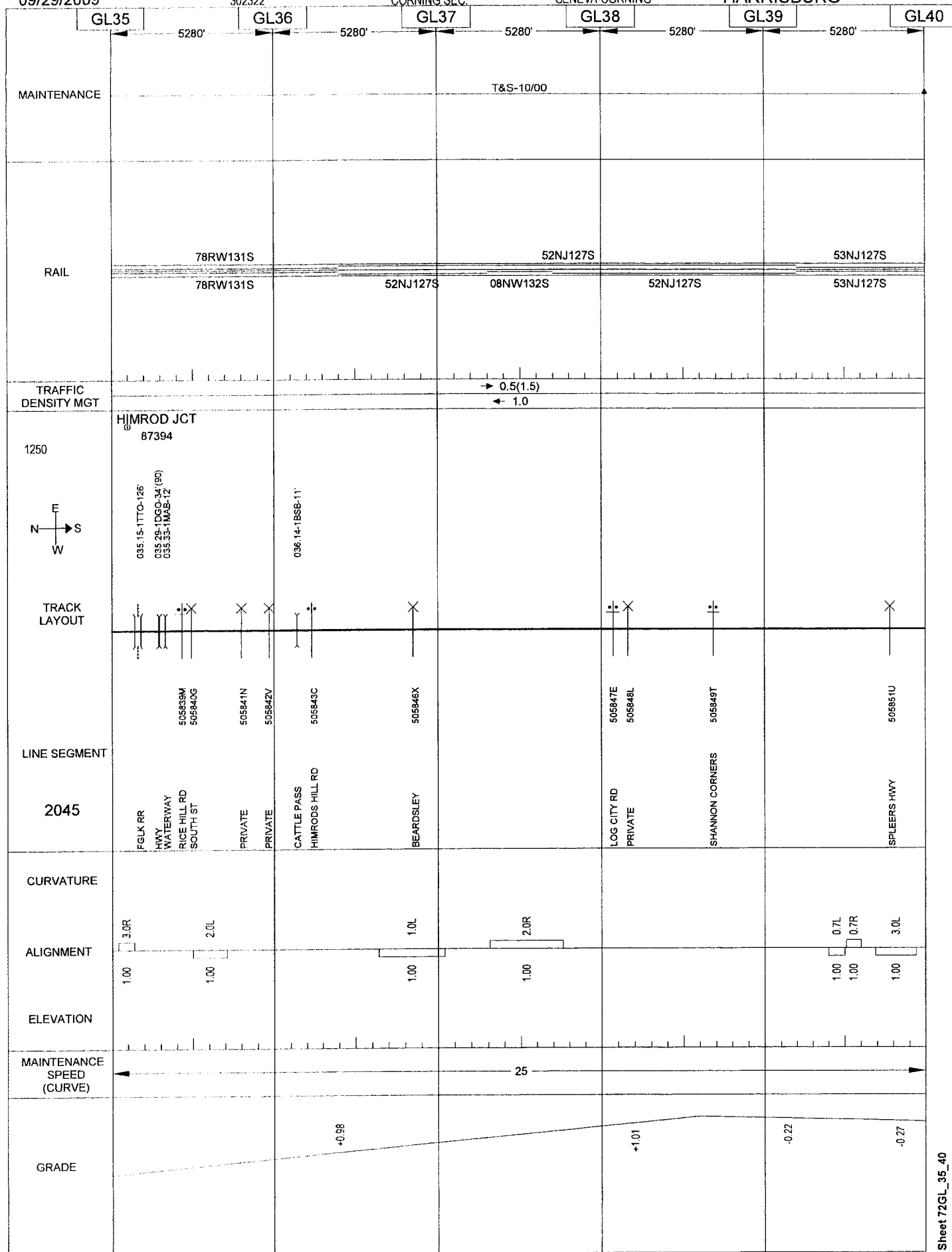
302322

331

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_35_40

09/29/2009

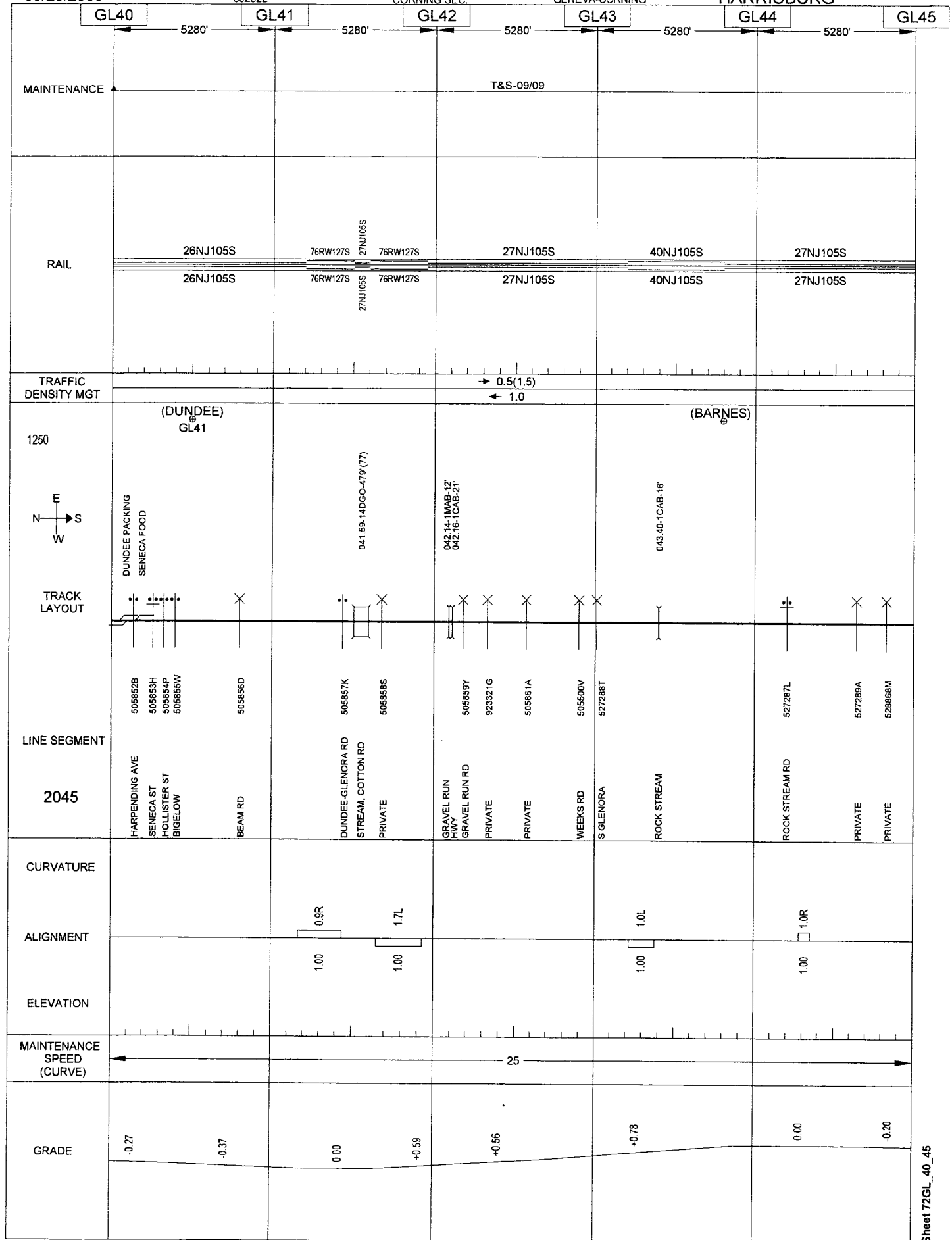
302322

332

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_40_45

09/29/2009

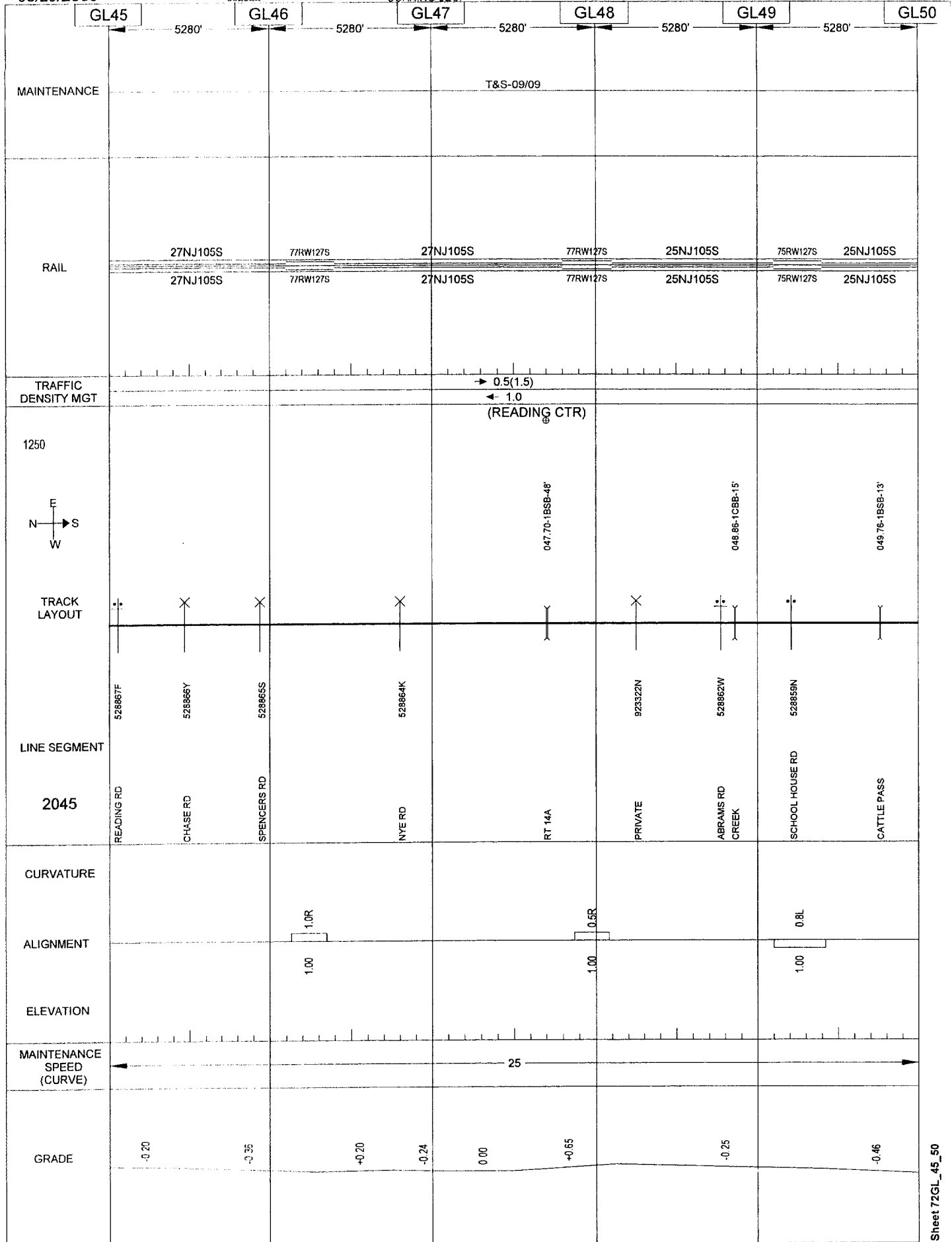
302322

333

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_45_50

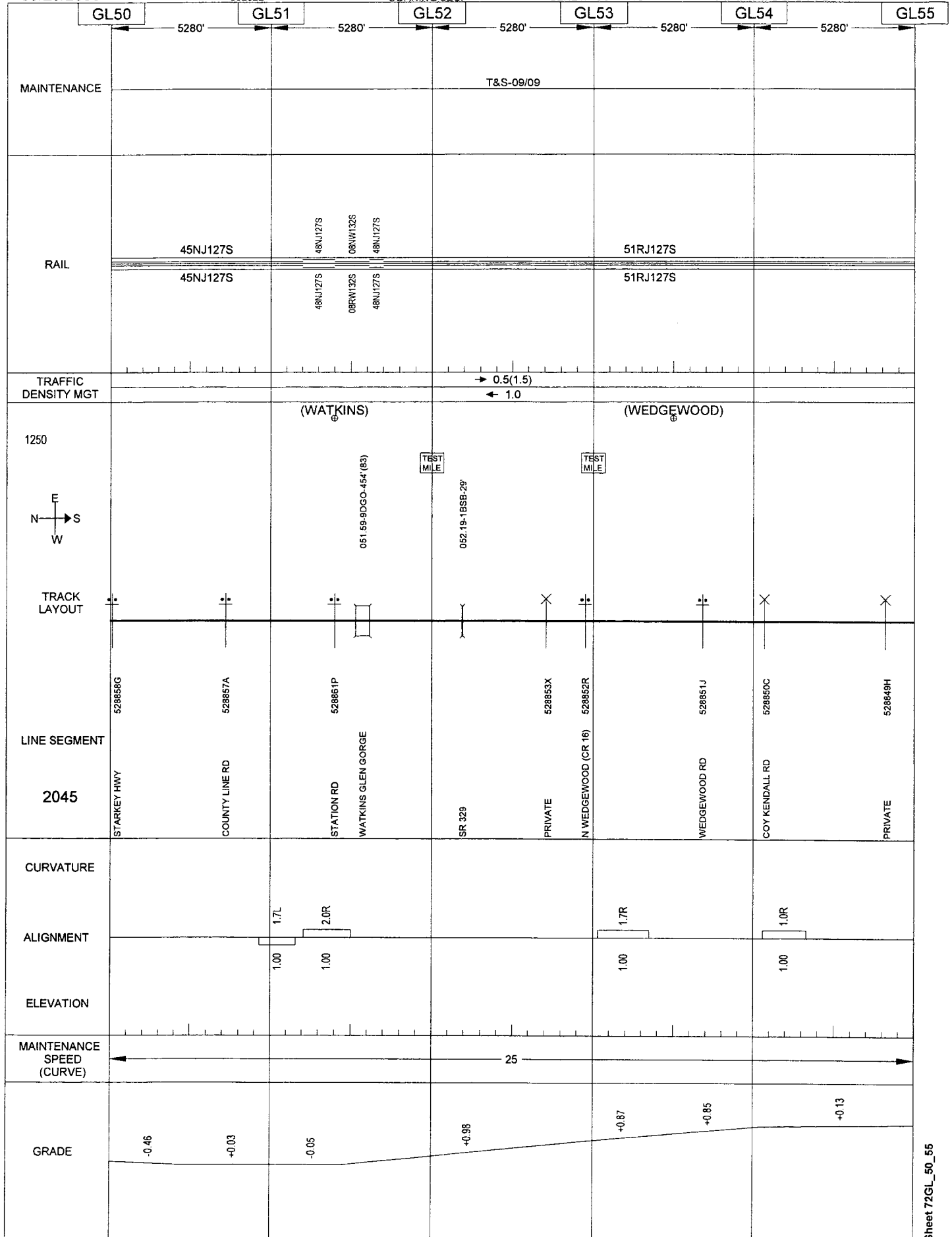
09/29/2009

302322

334
CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_50_55

09/29/2009

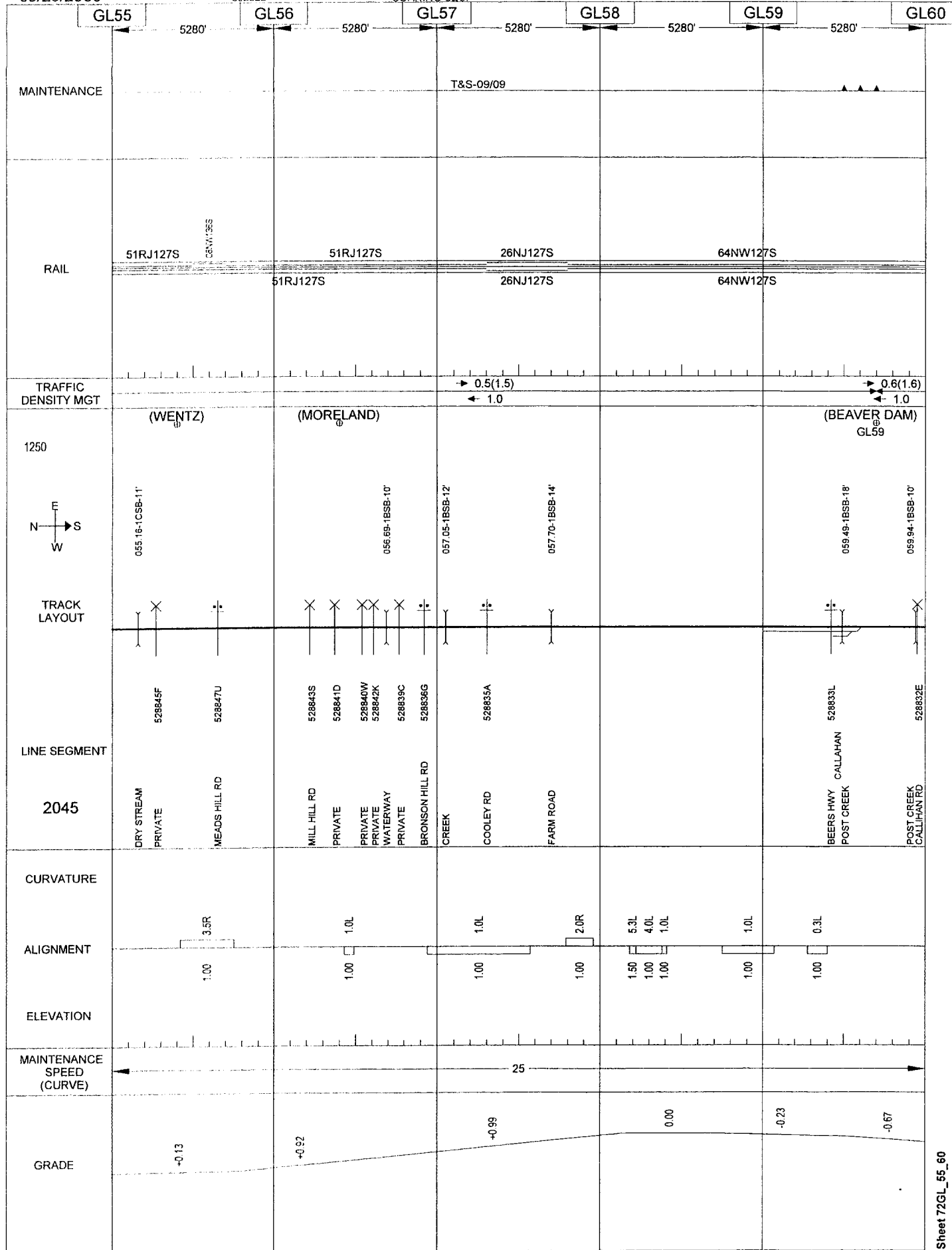
302322

335

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_55_60

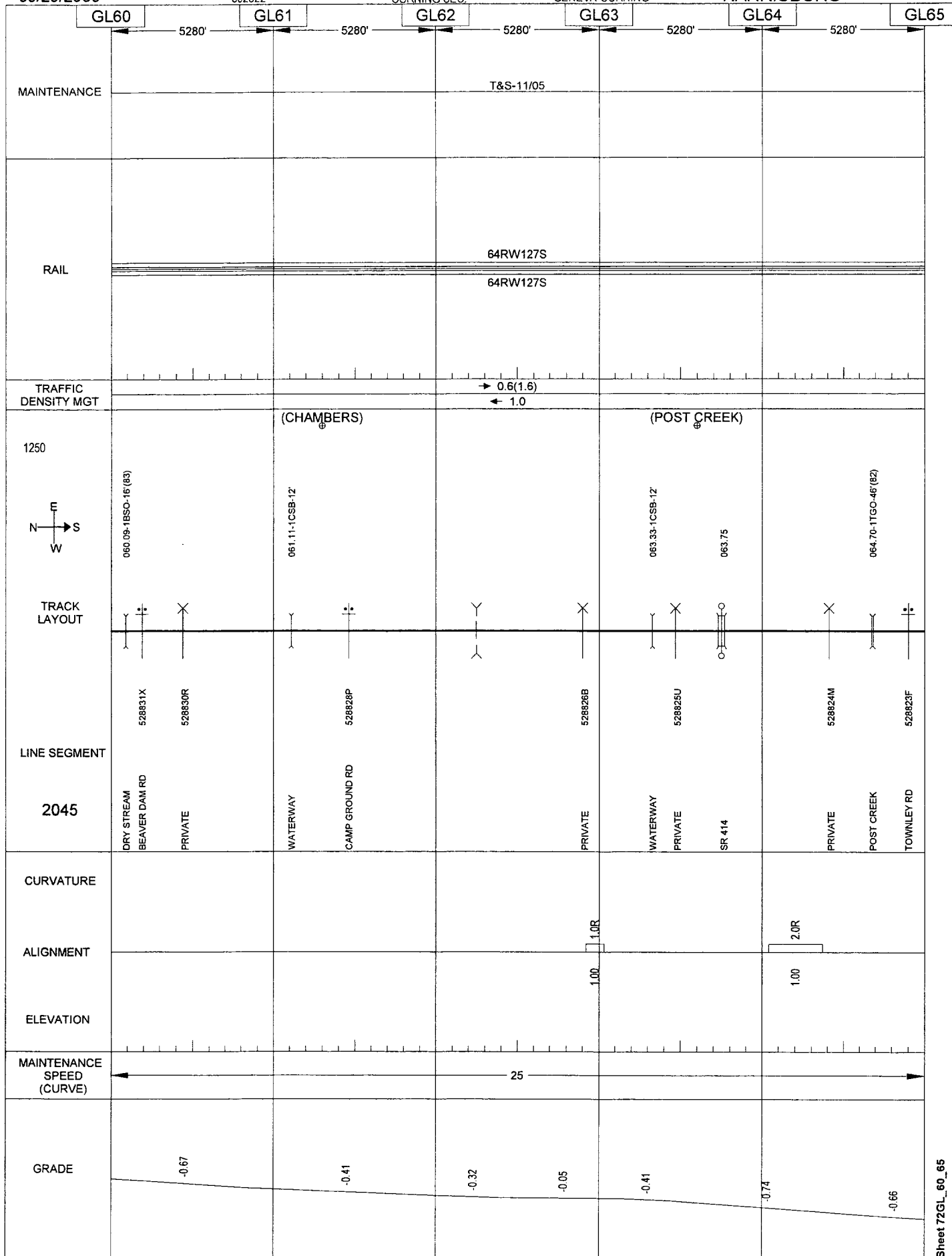
09/29/2009

302322

336
CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_60_65

09/29/2009

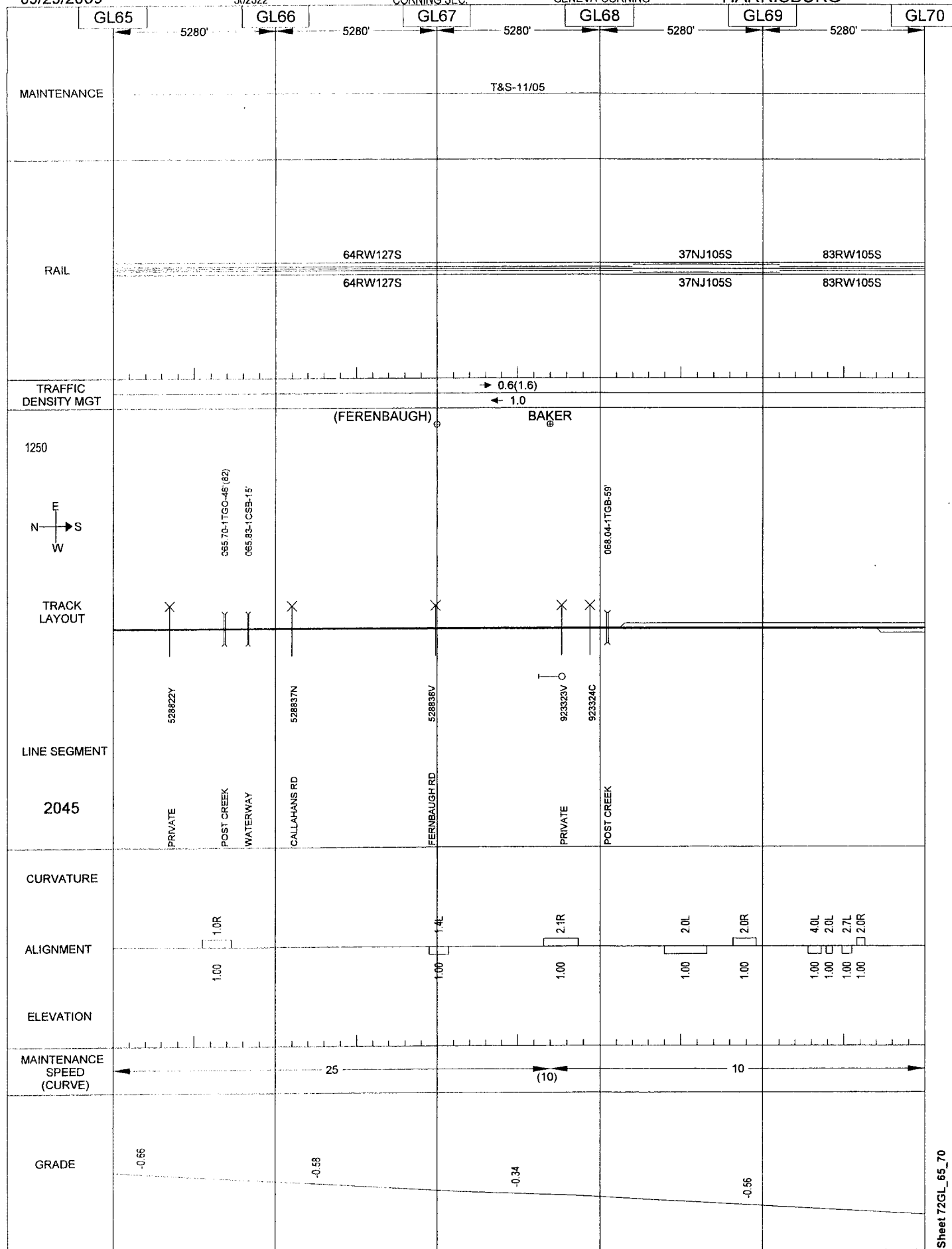
302322

337

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_65_70

09/29/2009

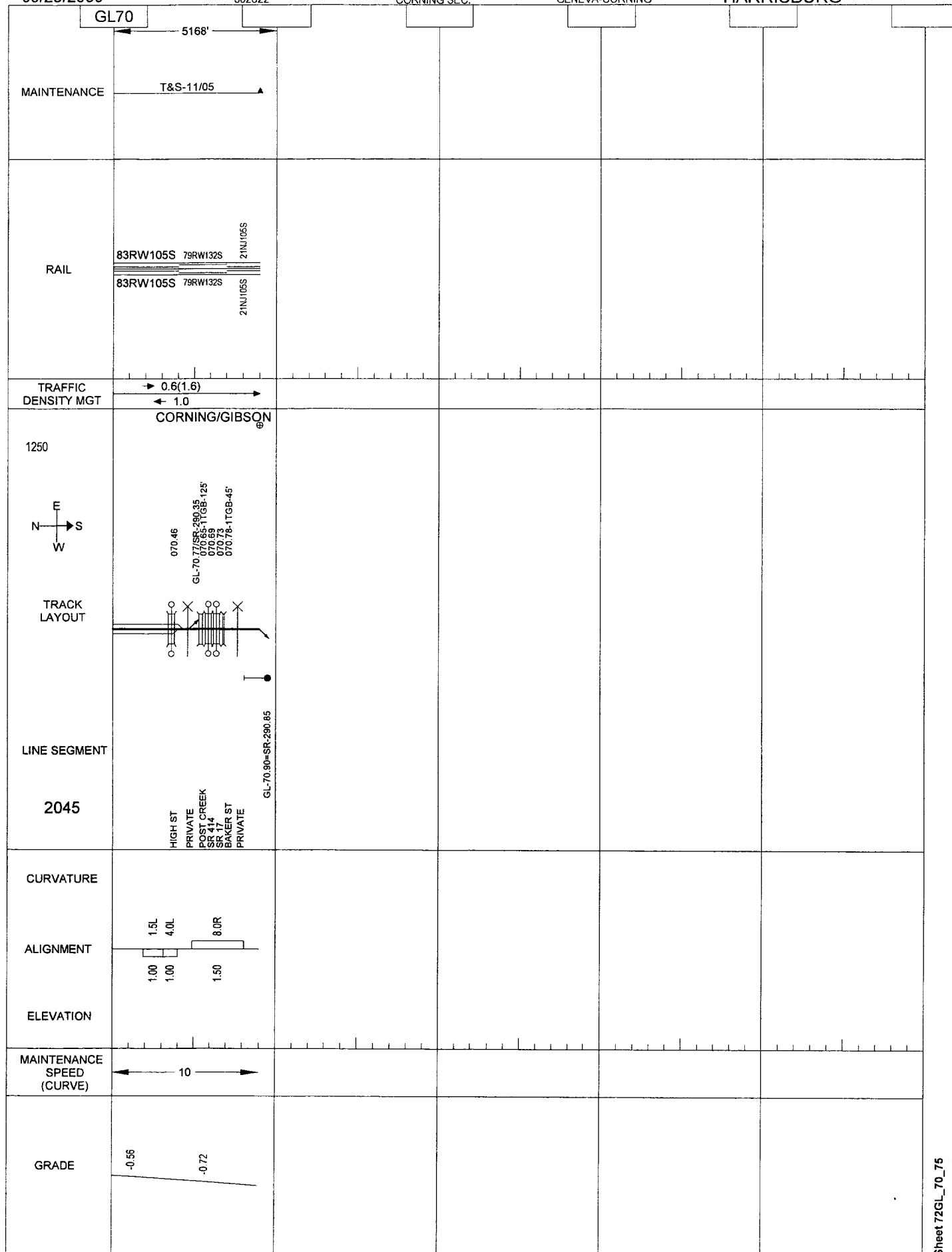
302322

338

CORNING SEC.

GENEVA-CORNING

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72GL_70_75

09/29/2009

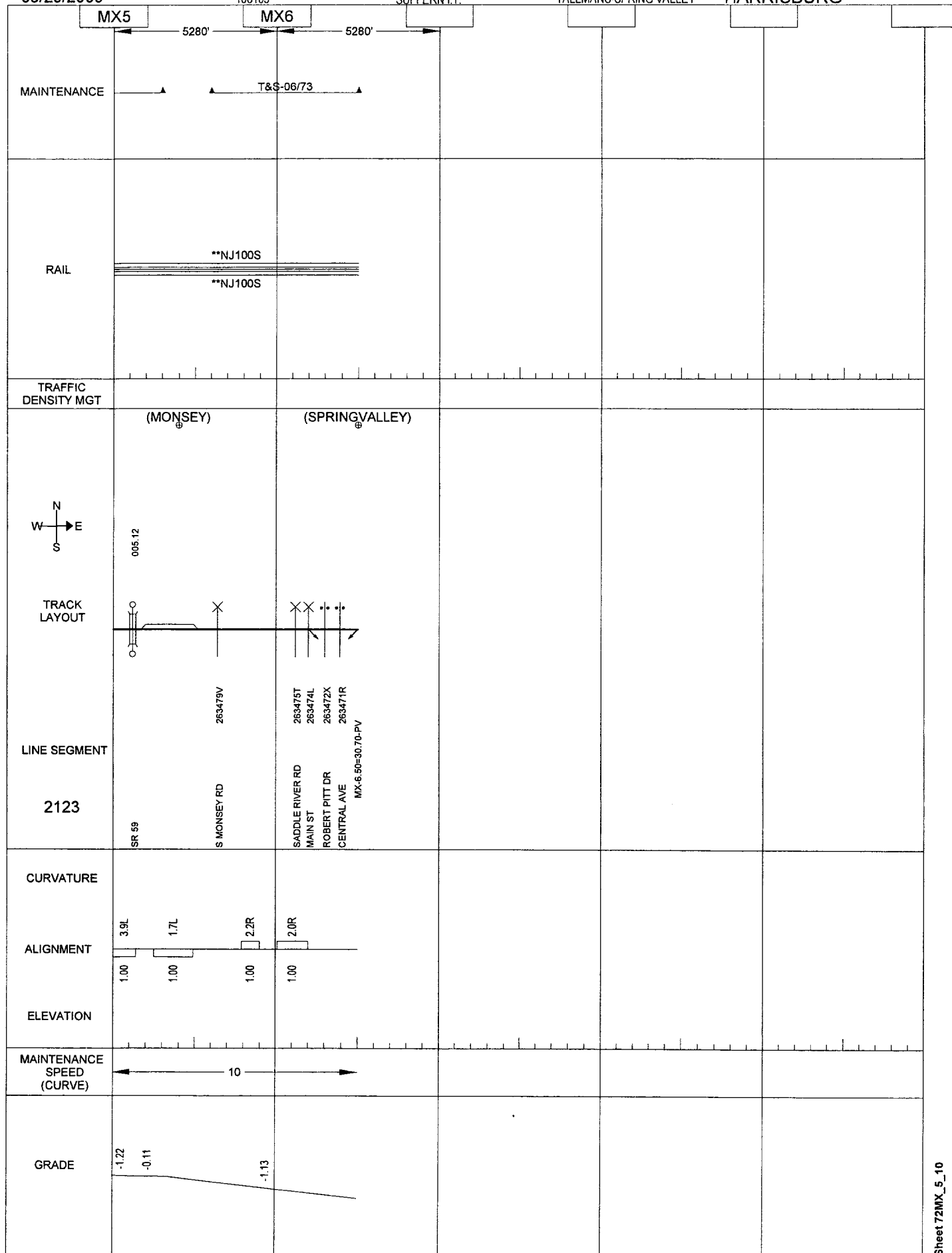
106165

340

SUFFERN I.T.

TALLMANS-SPRING VALLEY

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

306102

341

HARRIMAN I.T.

NEWBURG JCT-HARRIMAN

HARRISBURG

ZU45

5280'

MAINTENANCE

T&S-06/81

RAIL

42NJ112S

42NJ112S

35N112S

TRAFFIC
DENSITY MGT

0.0(0.0)

0.0

(HARRIMAN)
ZU46

8323

S
E → W
N

ZU-45.00-US-45.00

TRACK
LAYOUT

LINE SEGMENT

2909

ZU-45.50-US-45.38

CURVATURE

ALIGNMENT

1.5L

1.00

1.0L

1.00

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

0.00

General Reference Only - Not for Operational Purposes

Sheet 72ZU_45_50

09/29/2009

300101

342
HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG

LX2

LX3

LX4

LX5

1584'

5280'

5280'

MAINTENANCE

T&S-07/99

RAIL

63RJ112S

49RJ115S

63RJ112S

49RJ115S

TRAFFIC
DENSITY MGT

→ 0.1(0.1)

← 0.0

8291

CP HUDSON JCT-HJ

(GIRARDE)
LX4

(HAMPTONBURG)

TRACK
LAYOUT

LINE SEGMENT

2546

LX-2.12=US-63.26

GIRARDE'S WELLS-CR 8 861200K

PRIVATE 925125G 861201S

HAMPTONBURG RD

RIDGE RD 004.98

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

4.0R

1.00

2.5R

1.00

0.5L

1.00

0.5R

1.00

2.8L

1.00

3.5L

1.00

25

0.00

+0.79

+0.12

+0.14

General Reference Only - Not for Operational Purposes

Sheet 72LX_0_5

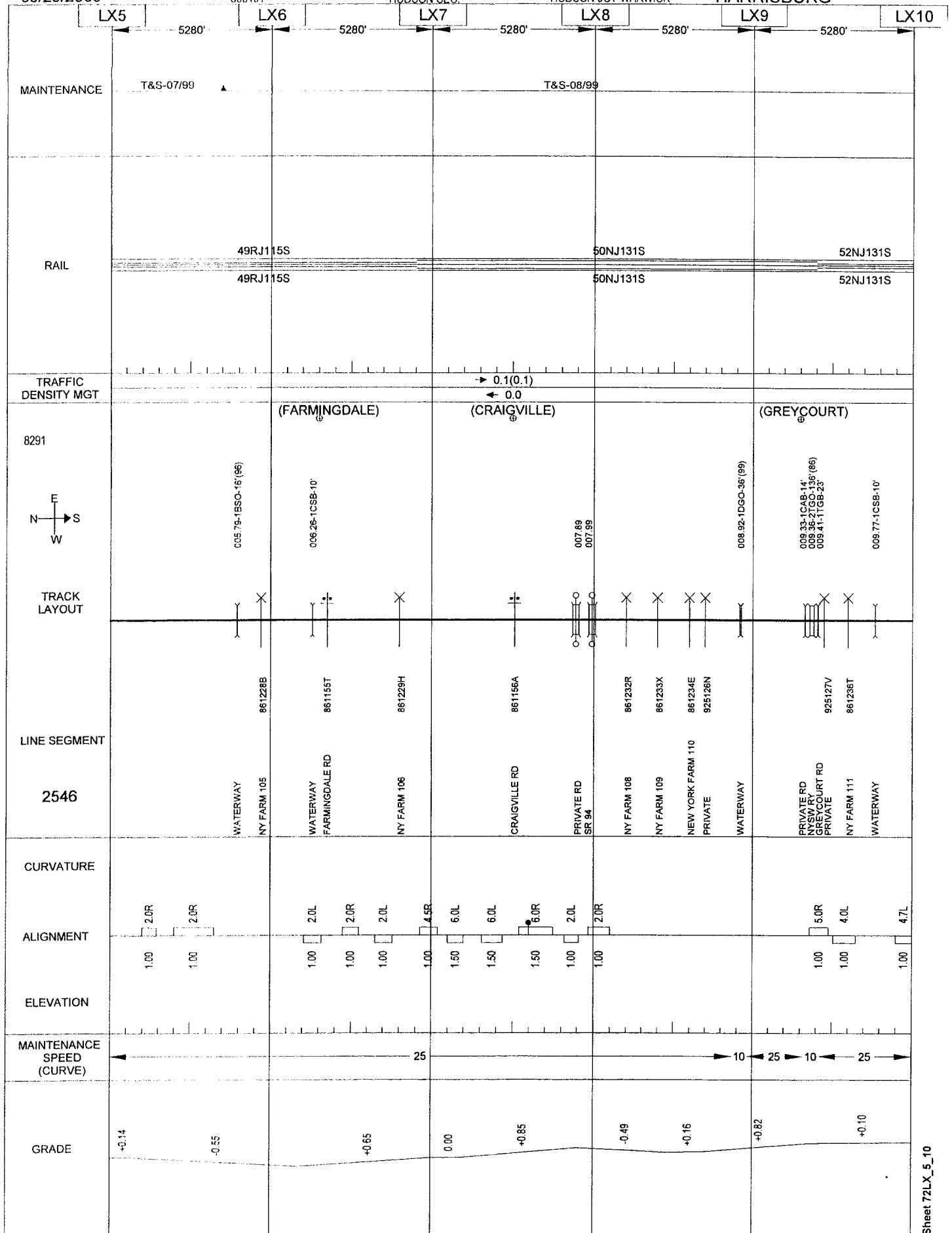
09/29/2009

343

HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LX_5_10

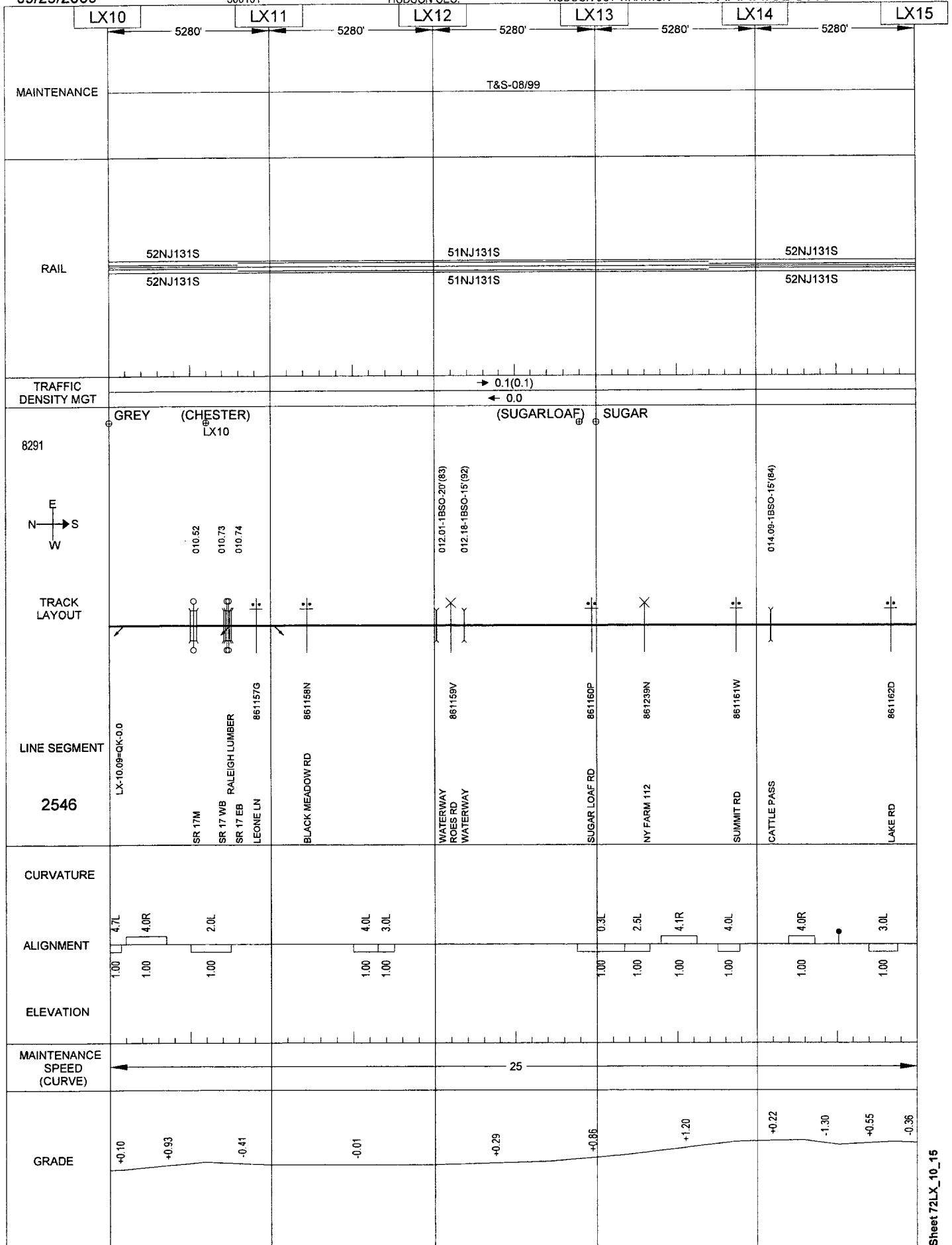
09/29/2009

344

HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LX_10_15

09/29/2009

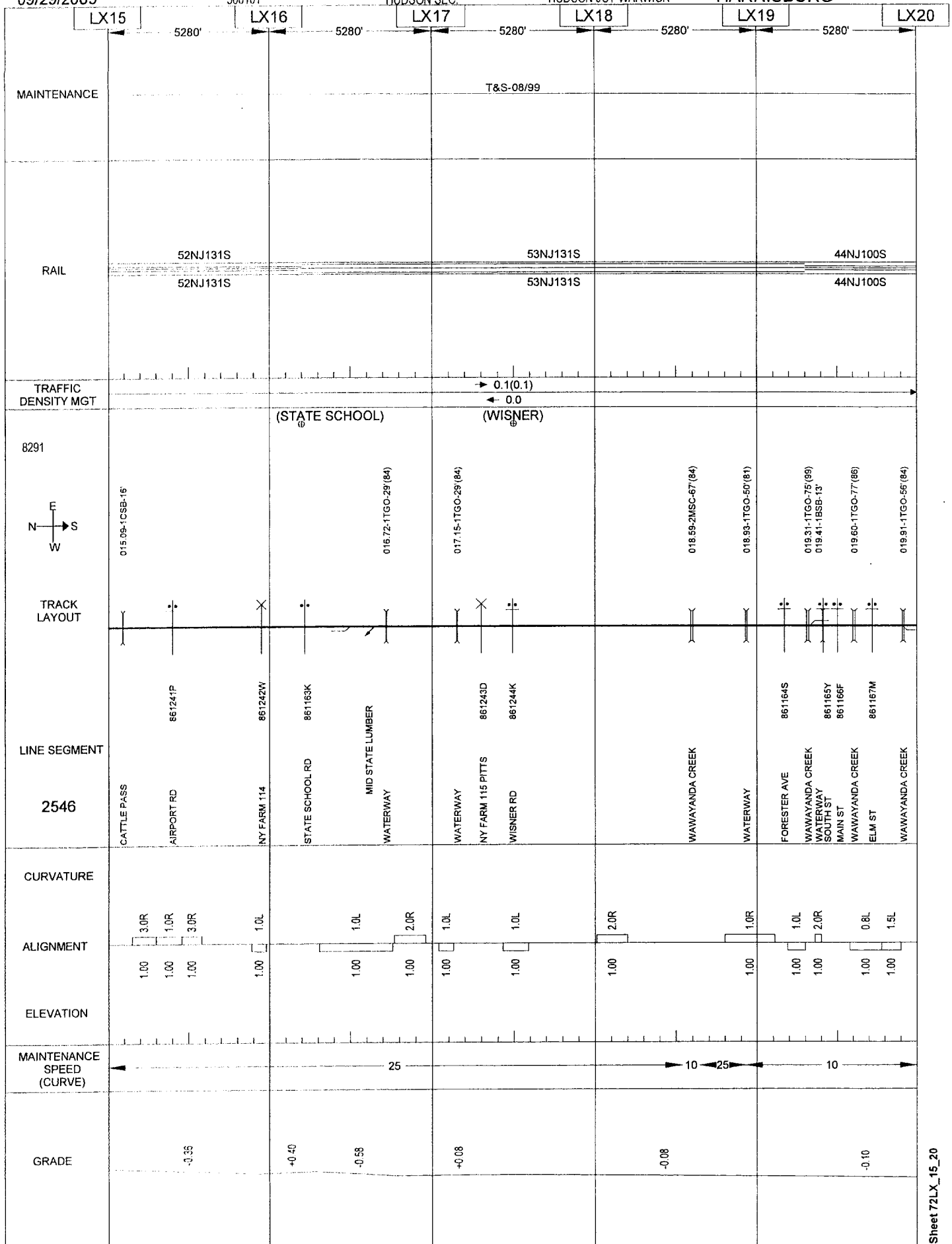
300101

345

HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72LX_15_20

09/29/2009

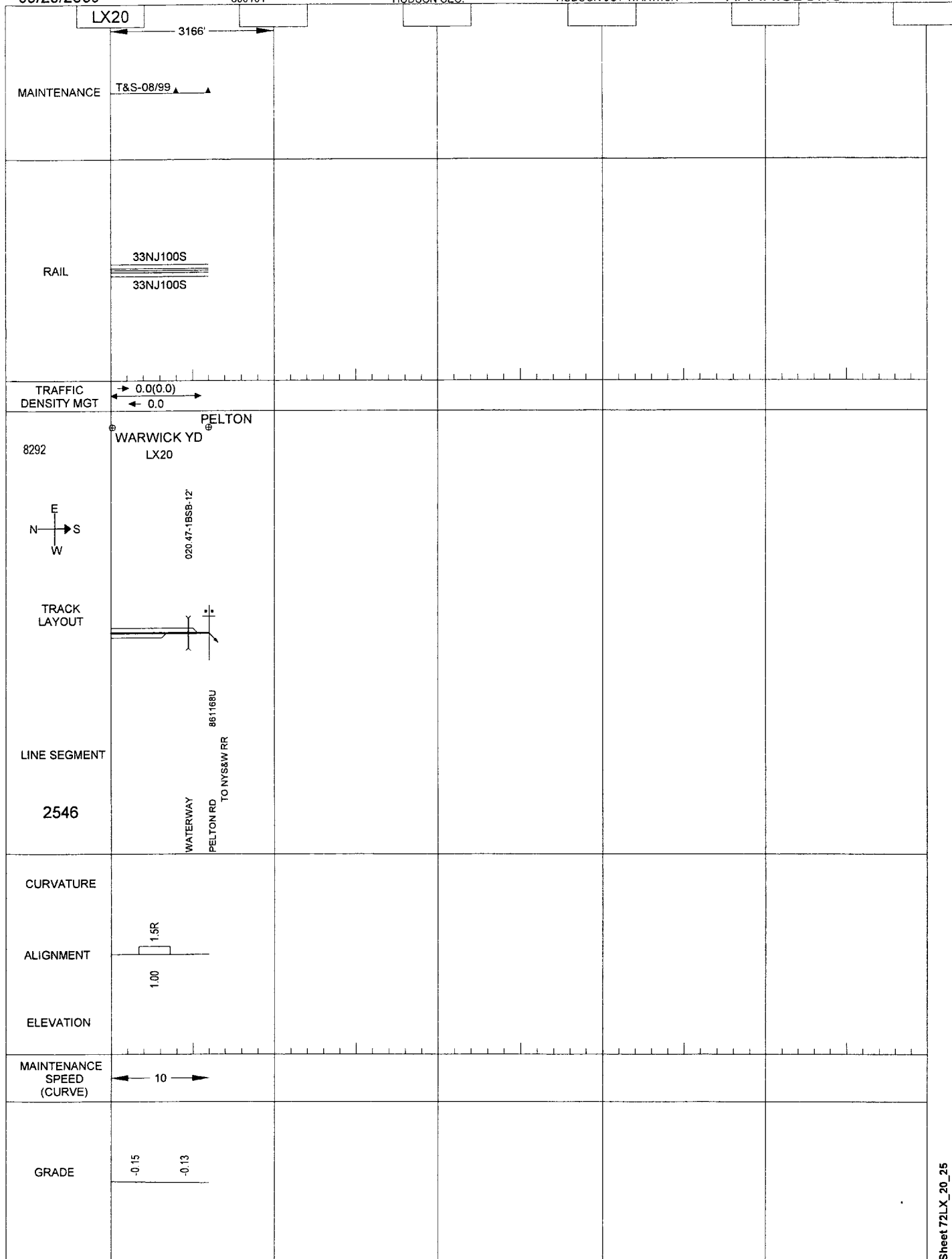
300101

346

HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG



General Reference Only - Not for Operational Purposes

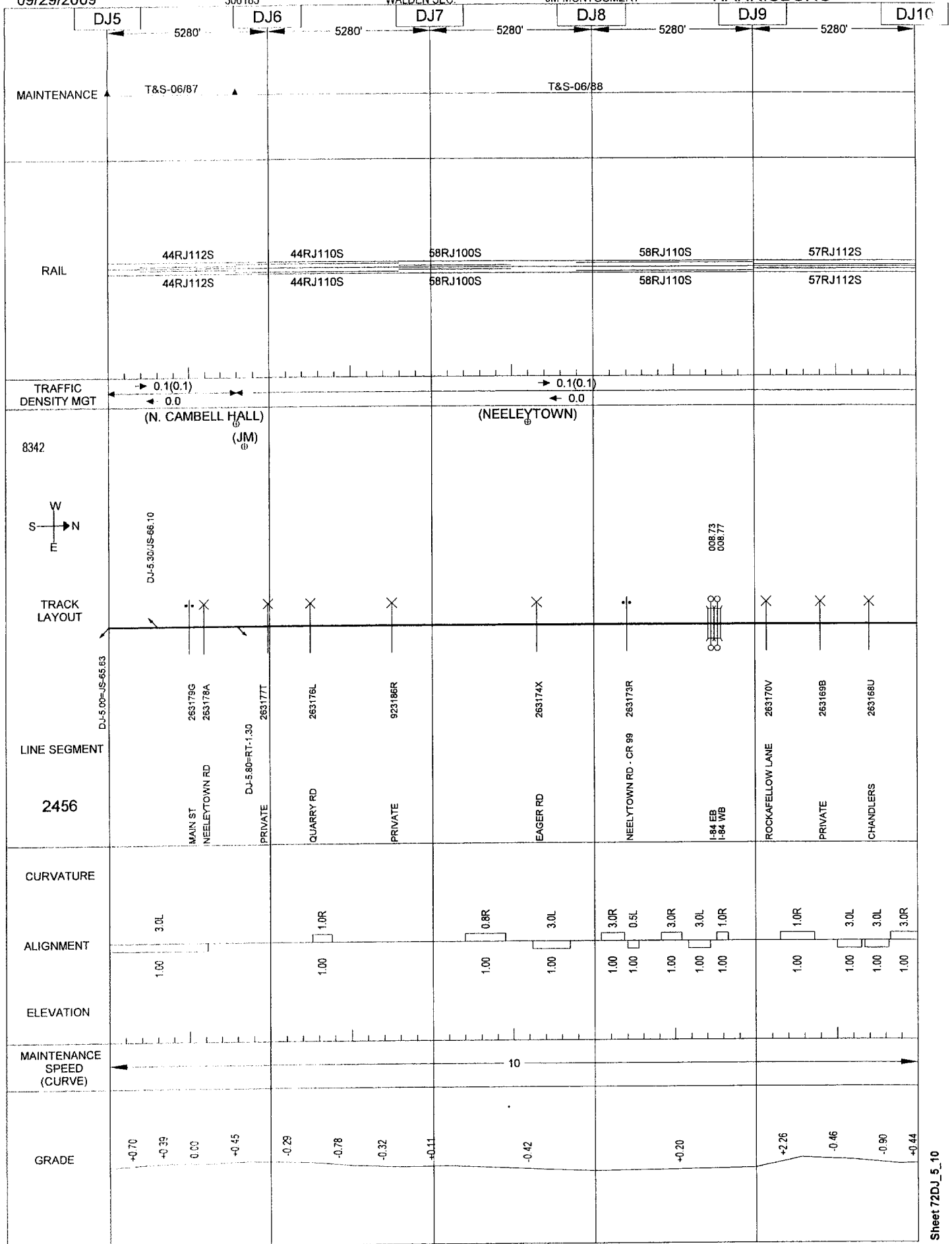
09/29/2009

306183

347
WALDEN SEC.

JM-MONTGOMERY

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72DJ_5_10

09/29/2009

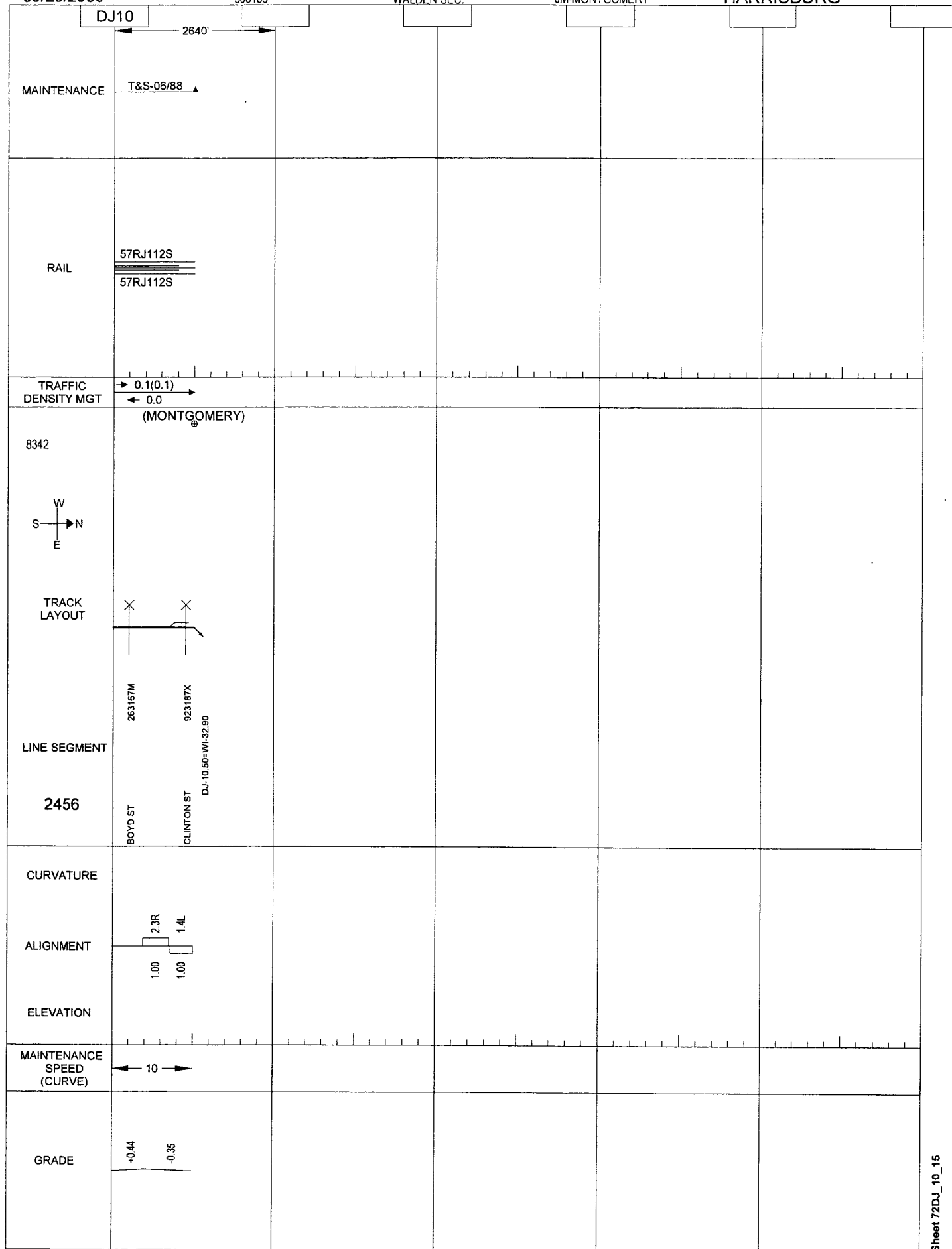
306183

348

WALDEN SEC.

JM-MONTGOMERY

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

301435

349

WALDEN SEC.

WALDEN-MONTGOMERY

HARRISBURG

WI30

5280'

T&S-11/07

MAINTENANCE

RAIL

24NJ105S 53NJ127S

24NJ105S 53NJ127S

TRAFFIC
DENSITY MGT

1170

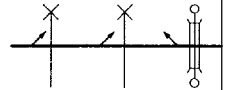
TRACK
LAYOUT

LINE SEGMENT

2864

INTST. PKG.

029.89



526511R

526512X

GRANT ST

COLDENHAM RD

RTE 208

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

+1.07

-0.23

General Reference Only - Not for Operational Purposes

Sheet 72WI_25_30

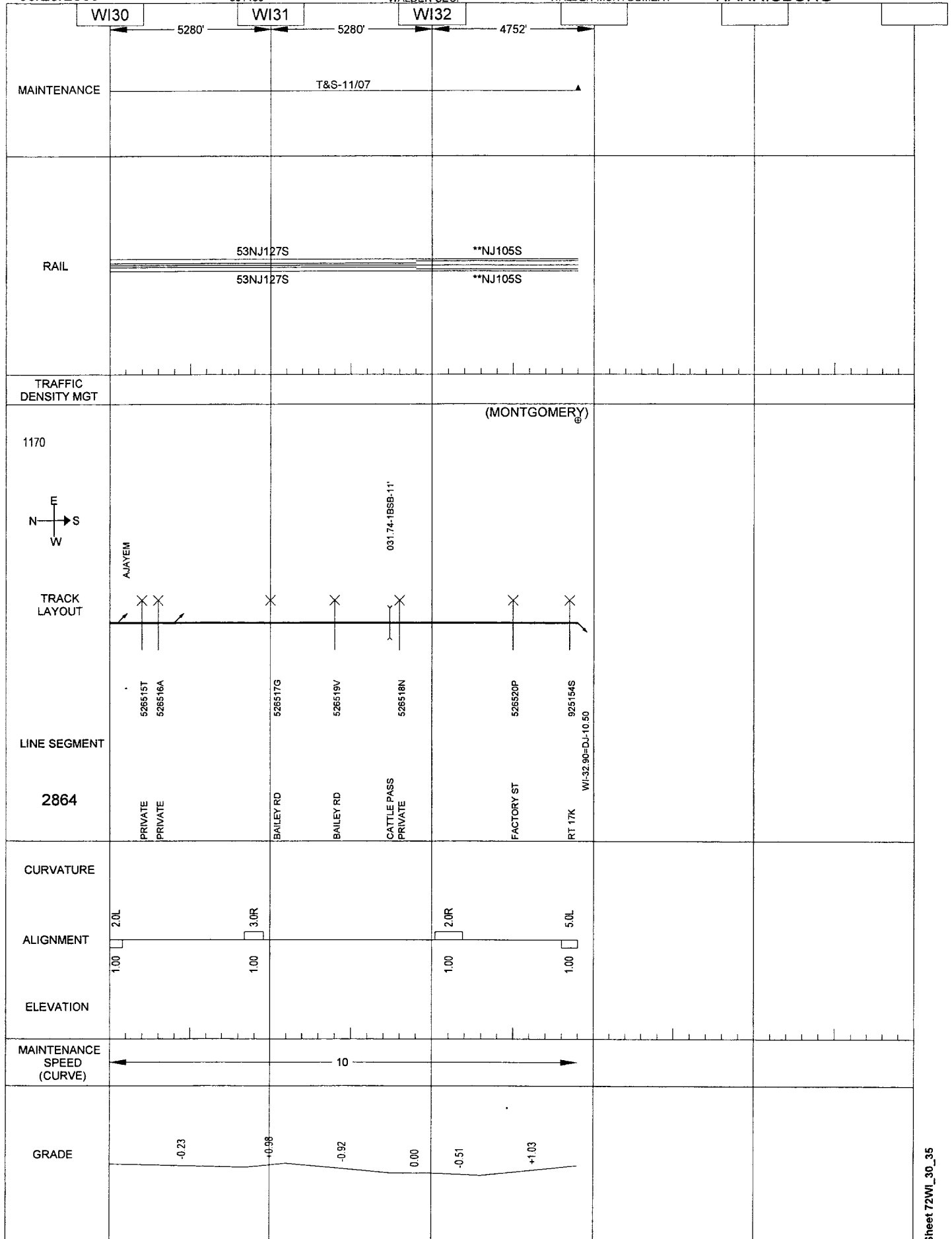
09/29/2009

301435

350
WALDEN SEC.

WALDEN-MONTGOMERY

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

304223

351
MAYBROOK I.T.

CAMPBELL HALL-MAYBROOK

HARRISBURG

RT2

RT3

RT4

RT5

3696'

5280'

5280'

5280'

MAINTENANCE

T&S-11/07

RAIL

28NJ107S

28NJ107S

TRAFFIC
DENSITY MGT

(CAMPBELL HALL)
(WALDEN JCT)

(HUDSON JCT)
RT4

CP HALL

9583



TRACK
LAYOUT

002.88-1MAB-12'

003.72

LINE SEGMENT

2615

RT-1.30=DJ-5.80

GARDEN ST
PARKER AVE

WATERWAY

SMITH ST
FARM RD
FARM RD

SR 208

HUDSON SEC.

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

0.00
+0.25
0.00

-0.70
0.00

+0.63

-0.79

-0.50

-0.34

General Reference Only - Not for Operational Purposes

Sheet 72RT_0_5

09/29/2009

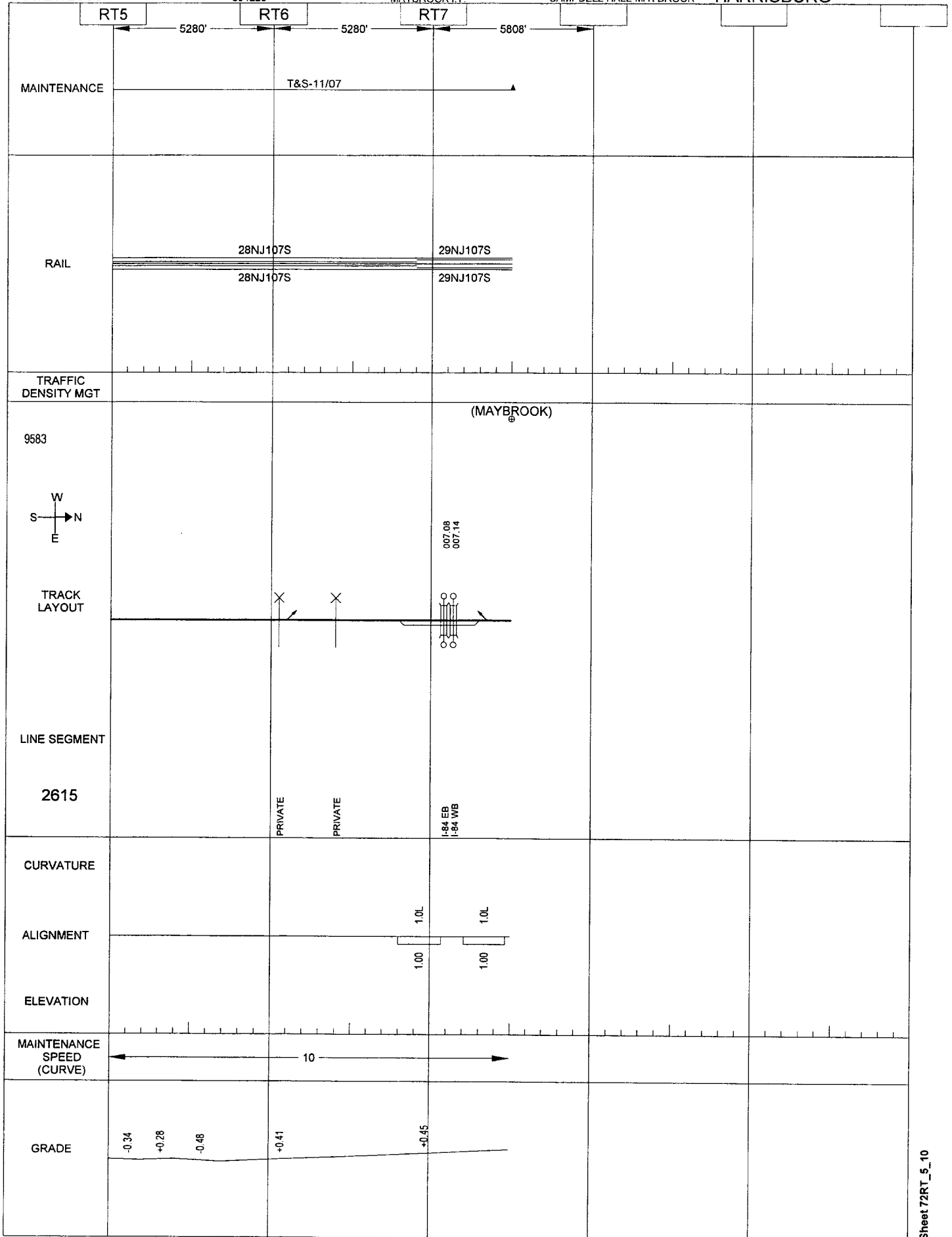
304223

352

MAYBROOK I.T

CAMPBELL HALL-MAYBROOK

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72RT_5_10

09/29/2009

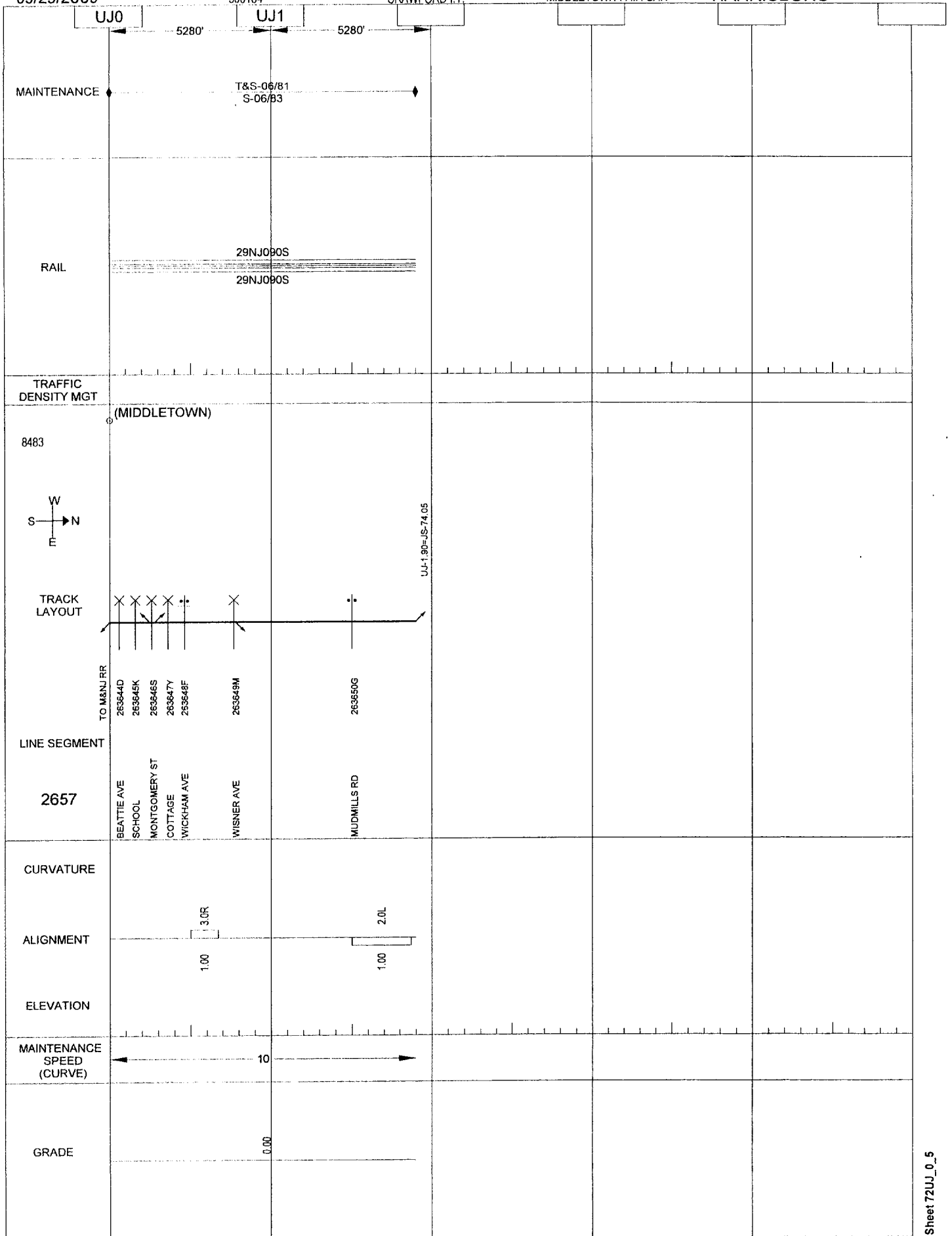
306184

353

CRAWFORD I.T.

MIDDLETOWN-FAIR OAK

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

306251

354

UTICA I.T.

BINGHAMTON-PORT DICKINSON

HARRISBURG

UT192

UT193

UT194

2112'

5280'

5280'

MAINTENANCE

RAIL

**NJ130S

**RJ130S

**NJ130S

**RJ130S

TRAFFIC
DENSITY MGT

8486

TRACK
LAYOUT

LINE SEGMENT

2669

(PORT DICKINSON)
UT193(DH RR)
UT194

TO S. TIER LINE

192.13-4CSB-66'

193.44-1CSB-10'

193.64-1BSO-17'

193.64-1BSO-23'

TO NYS&W RR

BRANDY AVE

CATTLE PASS

BRANDY WINE CREEK
BRANDY WINE CREEKOLD STATE RD
264941A

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

GRADE

5.0L
1.004.5L
1.003.0L
1.000.3L
1.00

10

-0.39

-0.14

-0.14

General Reference Only - Not for Operational Purposes

Sheet 72UT_190_195

09/29/2009

306351

355
VESTAL I.T.

BINGHAMTON-WILLOW PT

HARRISBURG

VT193

VT194

VT195

5280'

5280'

5280'

T&S-12/01

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

0.4(0.6)

0.2

0.1(0.2)

0.1

CP JOHNSON

(JOHNSON CITY)
VT194



TRACK
LAYOUT

VT-192.80-JY-192.80

193.33-4CSB-64'

193.62-3CSB-46'

193.91

194.91
194.93-3CSB-37'

LINE SEGMENT

2855

GLENWOOD AVE

EMMA ST

WELLS AVE

MAIN ST

WILLOW ST

WALKWAY

BALDWIN ST

SR 201 (PED)
RIVERSIDE DRIVE

NYSEG

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

1.00

0.9R

1.7L

1.00

10

GRADE

-0.43

-0.35

+0.07

General Reference Only - Not for Operational Purposes

Sheet 72VT_190_195

09/29/2009

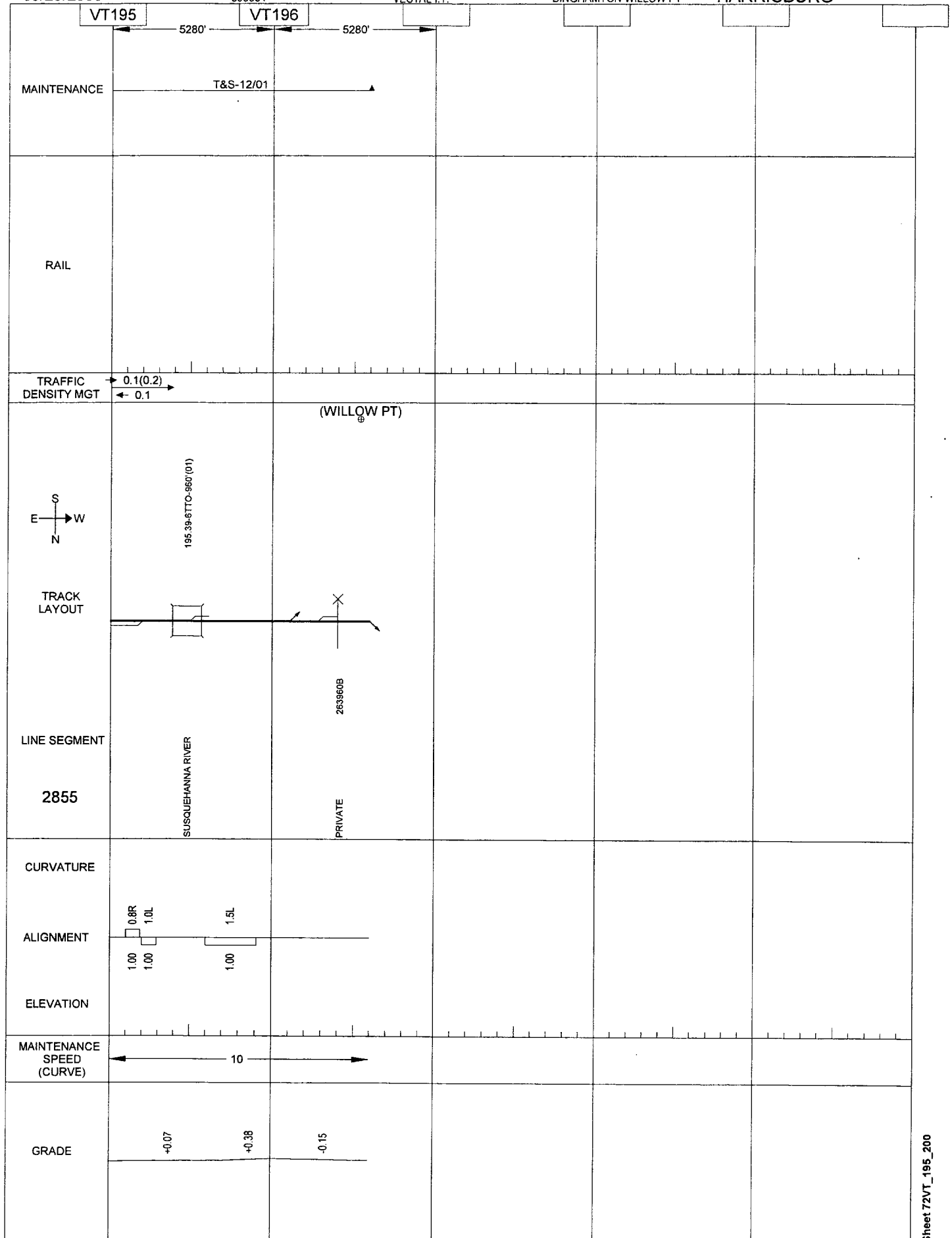
306351

356

VESTAL I.T.

BINGHAMTON-WILLOW PT

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

306304

357
KENNEDY VALVE SPUR

KENNEDY VALVE-LENNOX AVE

HARRISBURG

KV250

5280'

MAINTENANCE

RAIL

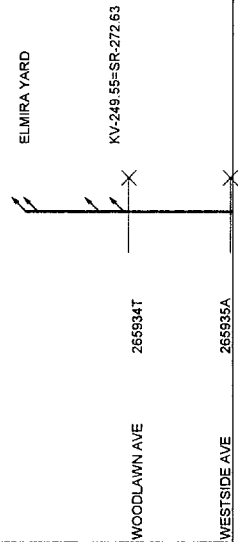
31NJ131S

31NJ131S

TRAFFIC
DENSITY MGT



TRACK
LAYOUT



LINE SEGMENT

2540

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

0.00

General Reference Only - Not for Operational Purposes

Sheet 72KV_245_250

09/29/2009

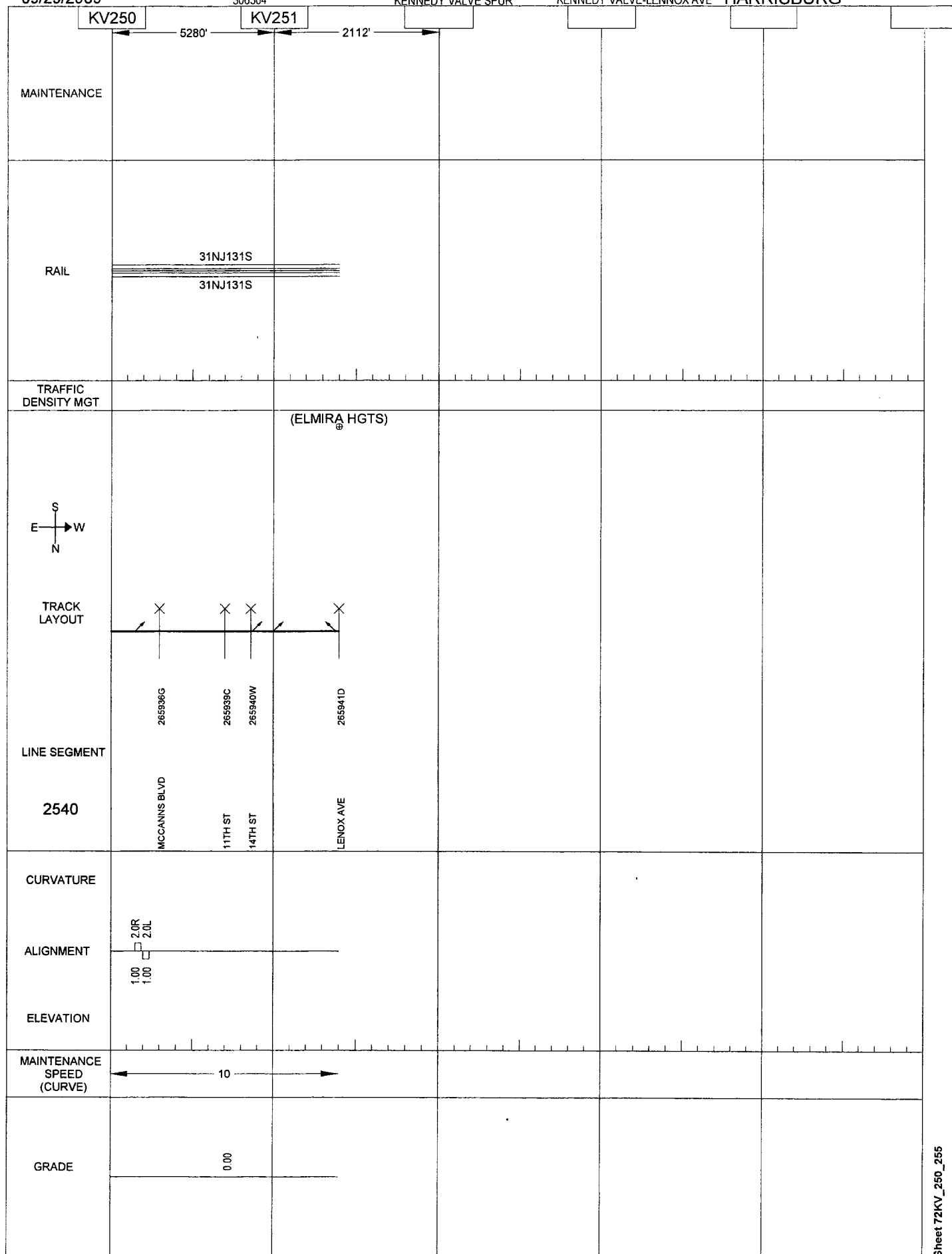
306304

358

KENNEDY VALVE SPUR

KENNEDY VALVE-LENOX AVE

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

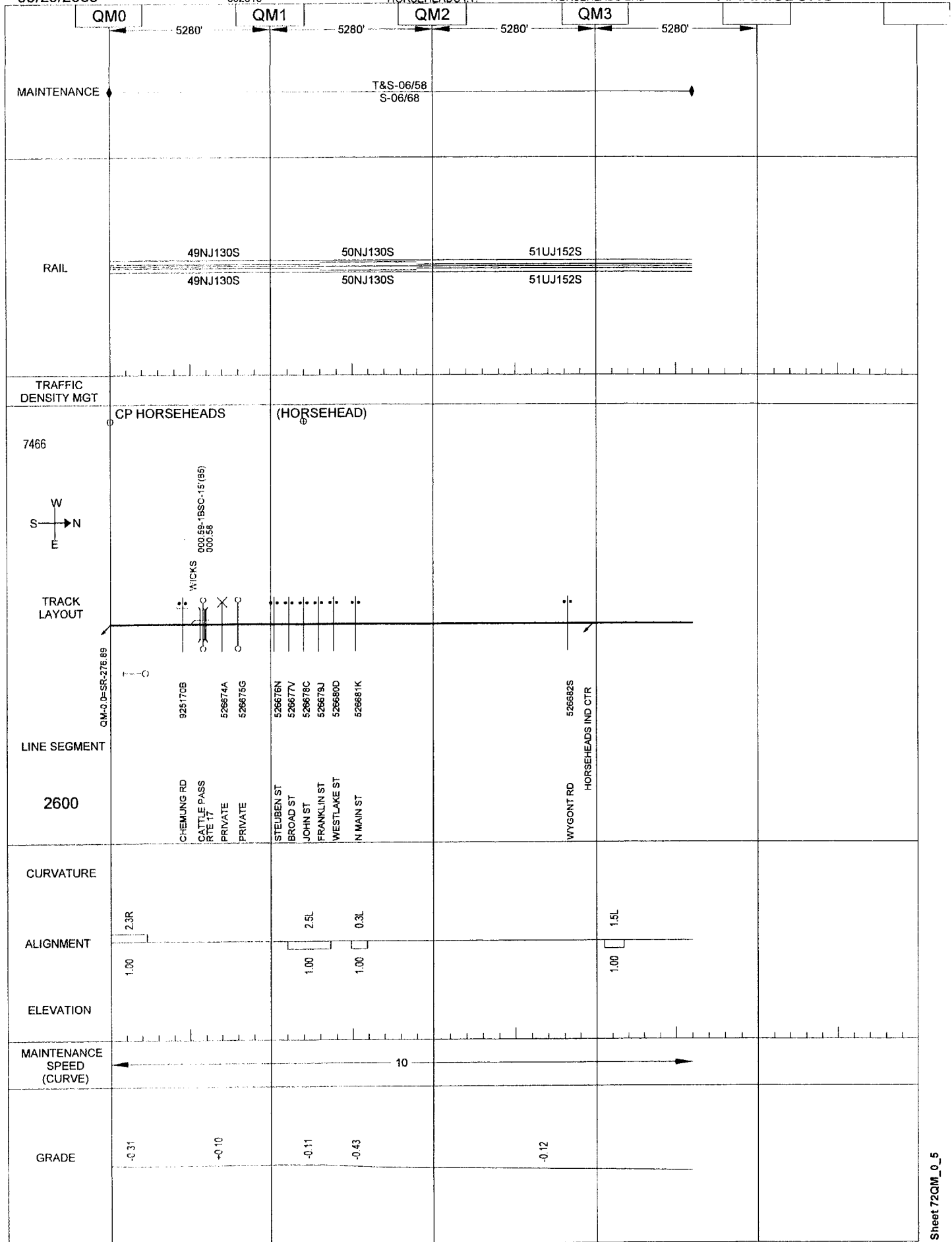
302318

359

HORSEHEADS I.T.

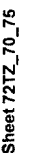
HORSEHEADS-END

HARRISBURG



General Reference Only - Not for Operational Purposes

HARRISBURG



General Reference Only - Not for Operational Purposes

09/29/2009

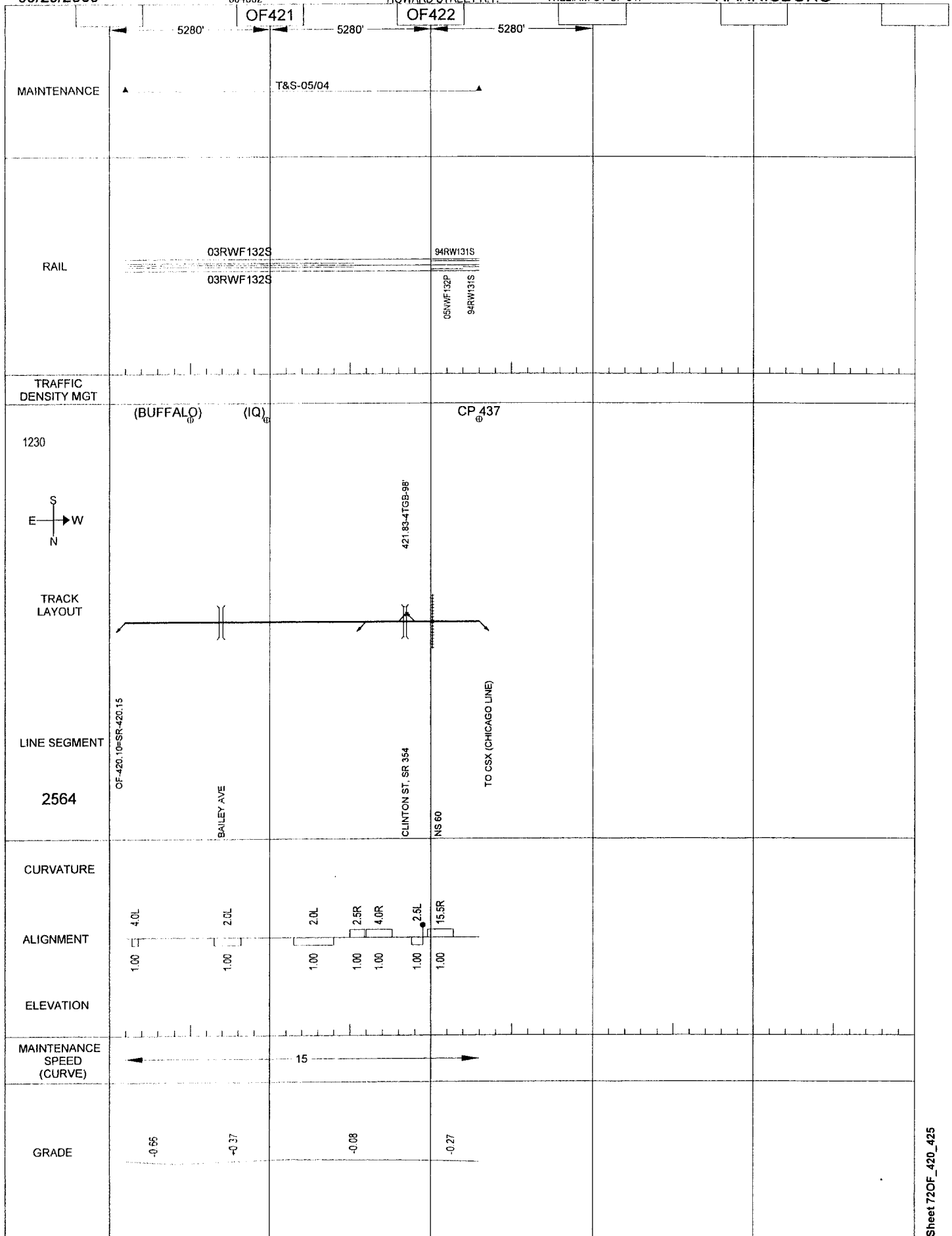
304852

361

HOWARD STREET R.T.

WILLIAM ST-CP 347

HARRISBURG



General Reference Only - Not for Operational Purposes

Sheet 72OF_420_425

09/29/2009


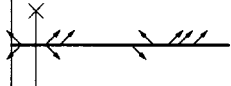
306471

362

PRENATT ST. LEAD (BC RR)

BUFFALO

HARRISBURG

	YU0	4752'					
MAINTENANCE							
RAIL							
TRAFFIC DENSITY MGT							
24BC	(BUFFALO) YU0						
 TRACK LAYOUT  864979D							
LINE SEGMENT							
2888	LEE ST						
CURVATURE							
ALIGNMENT	16.8L 2.8L 3.8L 3.2L 0.7R 1.8L 0.1R 0.5L						
ELEVATION	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00						
MAINTENANCE SPEED (CURVE)	10						
GRADE	+0.28 +0.03						

General Reference Only - Not for Operational Purposes

Sheet 72YU_0_5

09/29/2009

306465

363

LANCASTER I.T.

EAST BUFFALO

HARRISBURG

LD386

LD387

LD388

5280'

5280'

5280'

5280'

MAINTENANCE

RAIL

**RJ131S

**RJ131S

TRAFFIC
DENSITY MGT

8333



TRACK
LAYOUT

386.03-1TGB-79'

387.59-1TGB-67'

388.28
388.42-1MAB-15'

LINE SEGMENT

3165

BROADWAY

UNION ROAD

NY STATE THRUWAY
ROAD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

-0.71

-0.11

-0.30

General Reference Only - Not for Operational Purposes

Sheet 72LD_385_390

09/29/2009

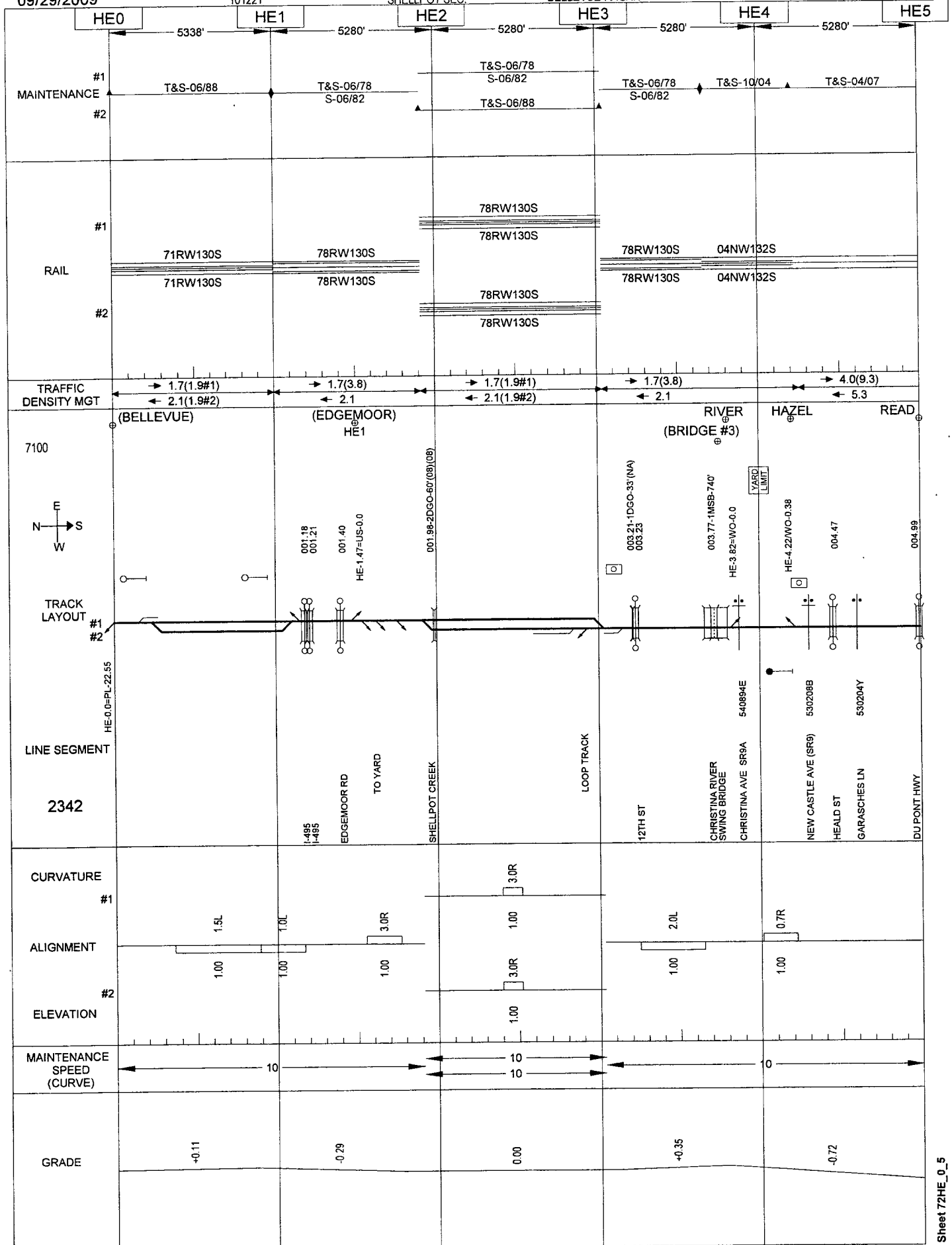
101221

364

SHELLPOT SEC.

BELLEVUE-RAGAN

DELMARVA



General Reference Only - Not for Operational Purposes

09/29/2009

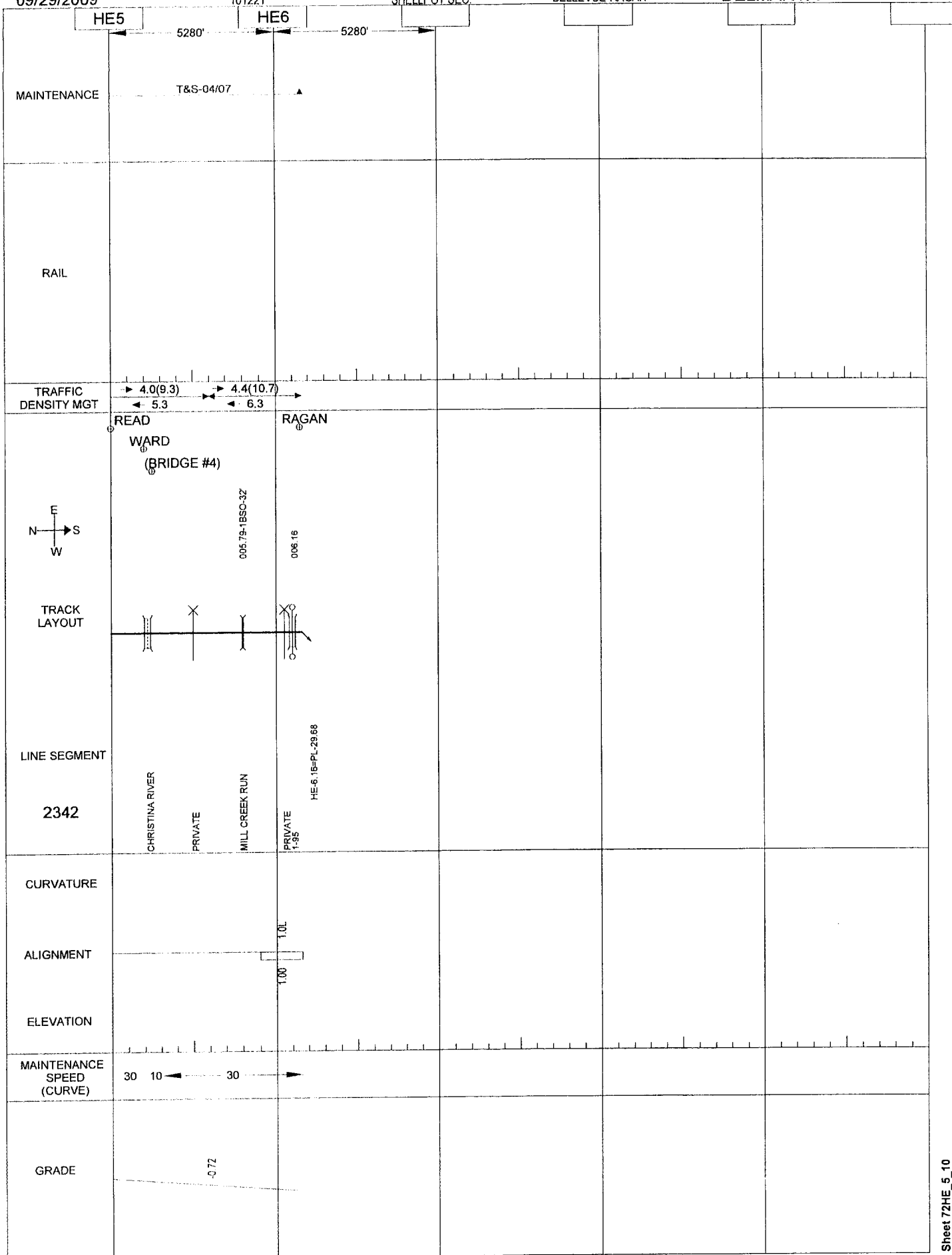
101221

365

SHELLPOT SEC

BELLEVUE-RAGAN

DELMARVA



General Reference Only - Not for Operational Purposes

101252

366
EDGEMOOR I.T.

SHELLPOT BR-EDGEMOOR

DELMARVA

US0

US1

- 5280'

MAINTENANCE

T&S-06/81

RAIL

***NJ085S

01RW136S

****NJ085S**

01RW136S

TRAFFIC
DENSITY MGT

(EDGEMOOR)

7100

TRACK LAYOUT

LINE SEGMENT

2663

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

- 10

GRADE

22

12

General Reference Only - Not for Operational Purposes

Sheet 72US_0_5

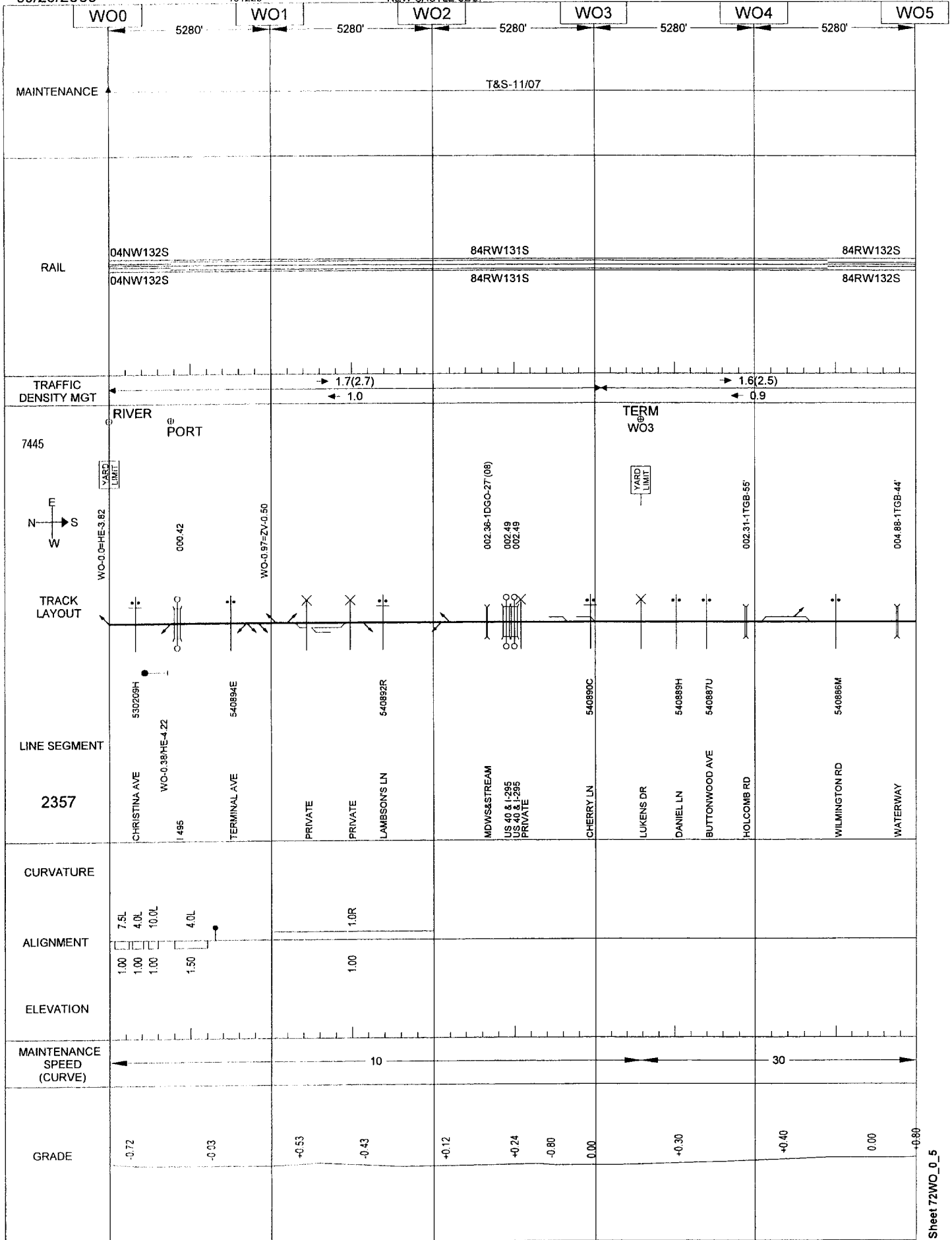
09/29/2009

101228

367
NEW CASTLE SEC.

RIVER-PORTER

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72WO_0_5

09/29/2009

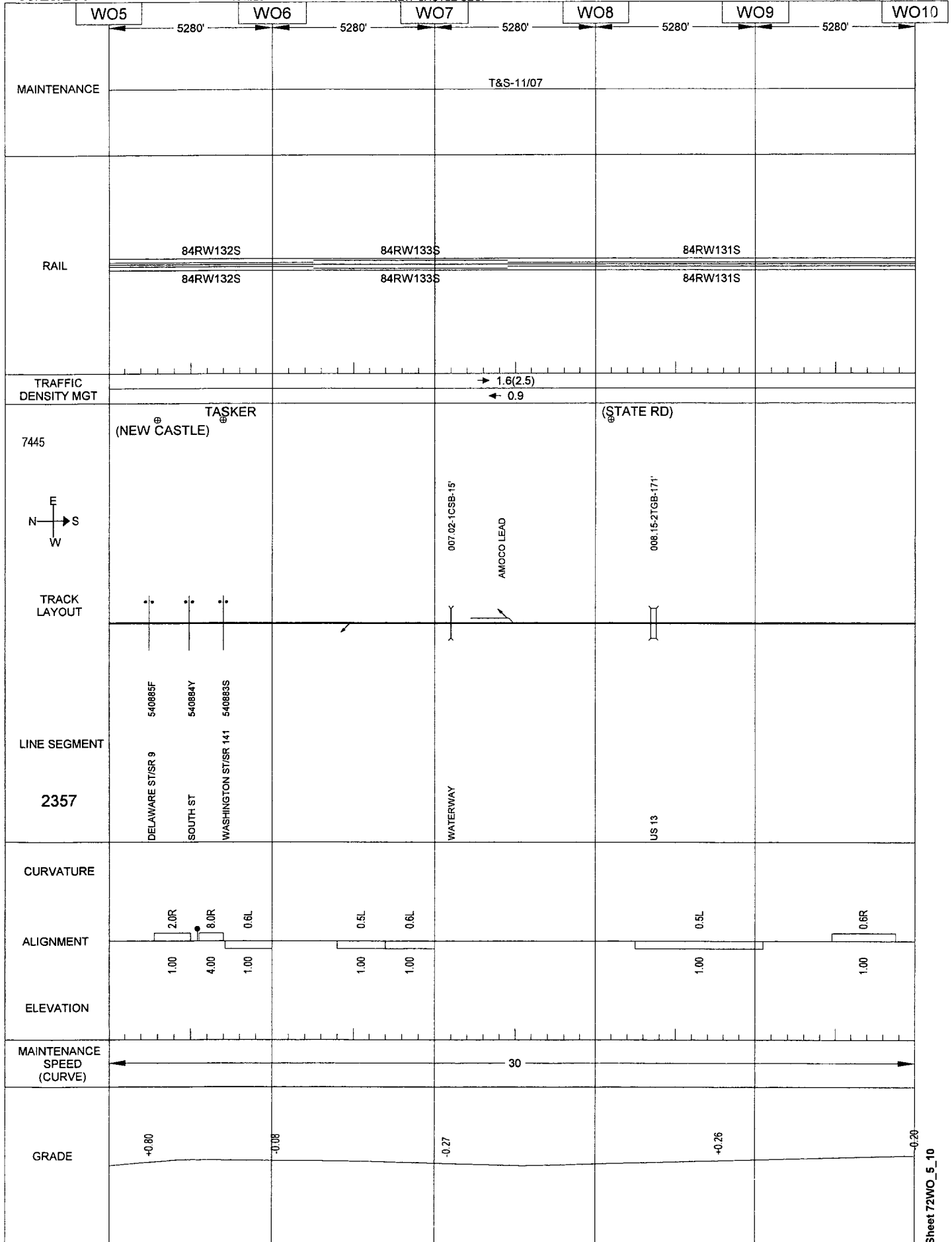
101228

368

NEW CASTLE SEC.

RIVER-PORTER

DELMARVA



Sheet 72WO_5_10

General Reference Only - Not for Operational Purposes

09/29/2009

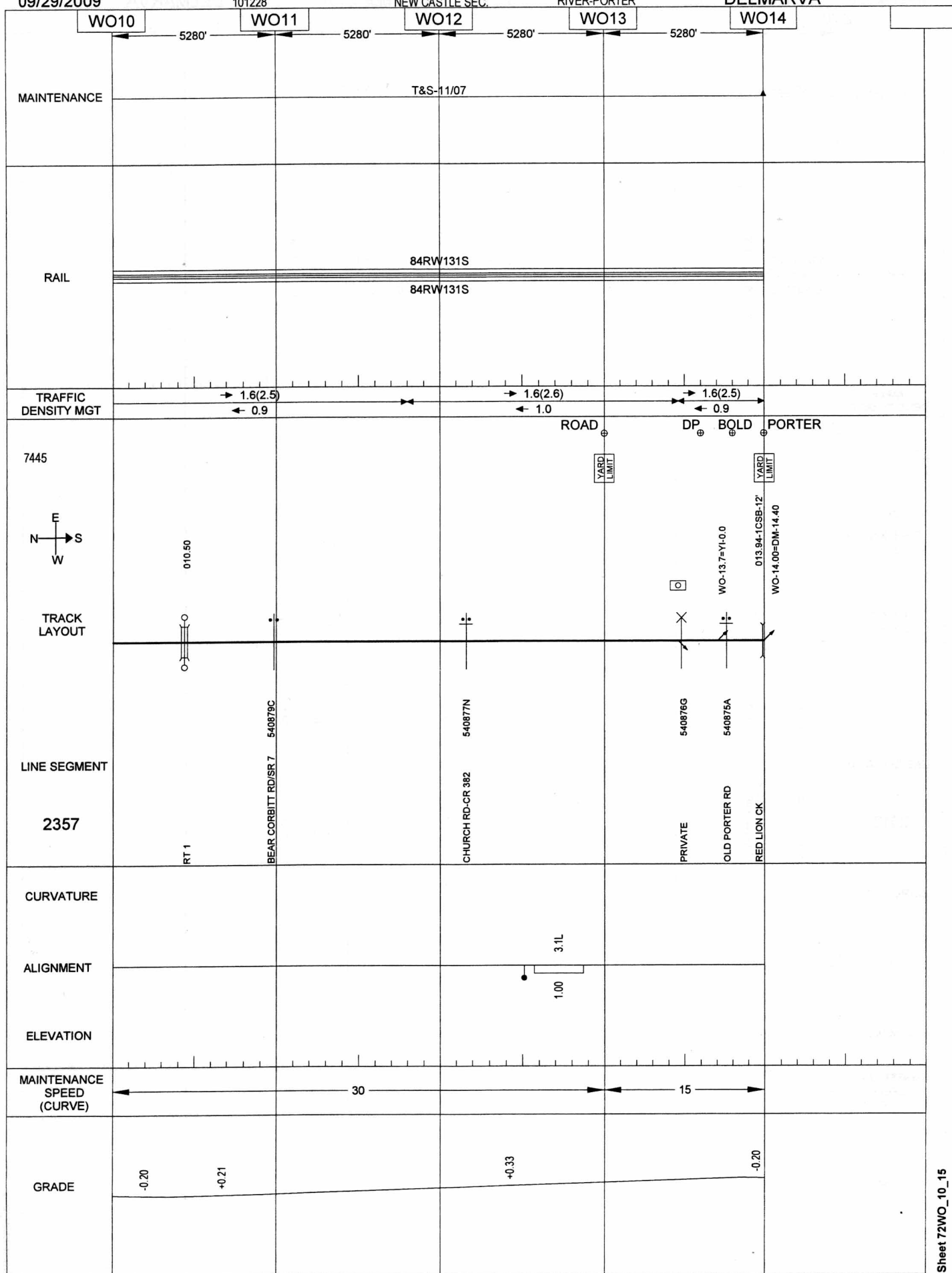
101228

369

NEW CASTLE SEC.

RIVER-PORTER

DELMARVA



Sheet 72WO_10_15

General Reference Only - Not for Operational Purposes

09/29/2009

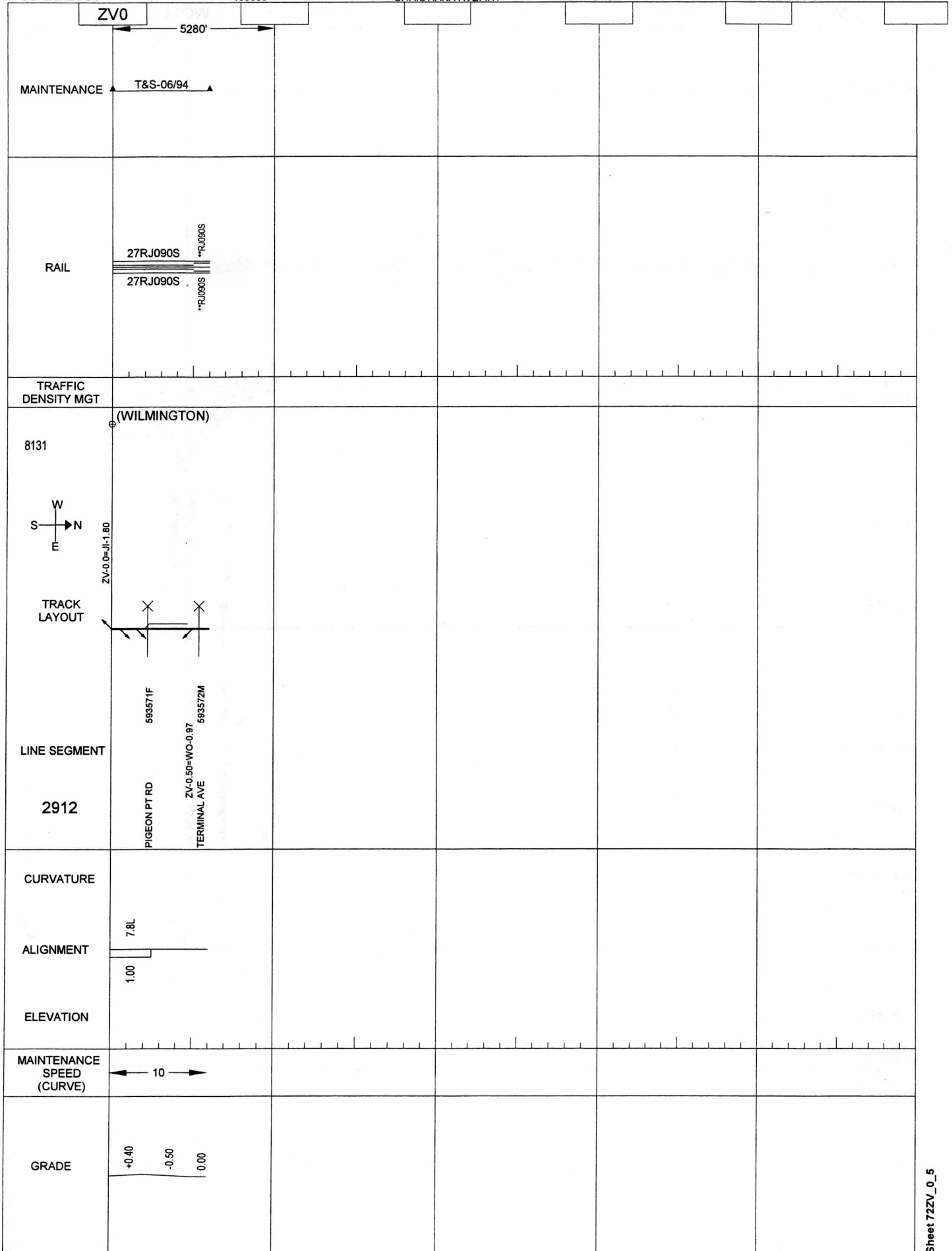
100393

370

CHRISTIANA AVE. I.T.

WILMINGTON

DELMARVA



General Reference Only - Not for Operational Purposes

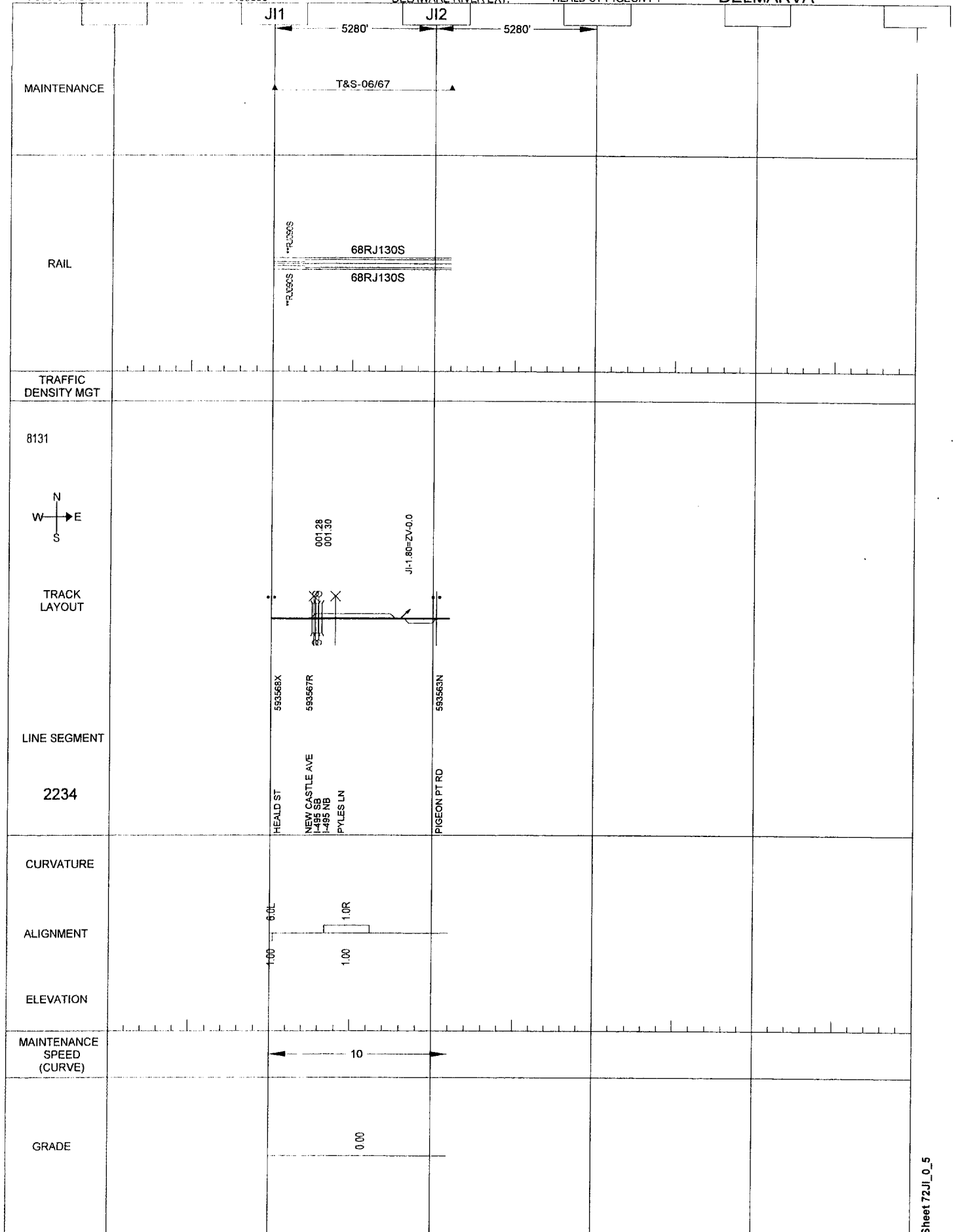
09/29/2009

100396

371
DELAWARE RIVER EXT.

HEALD ST-PIGEON PT

DELMARVA



General Reference Only - Not for Operational Purposes

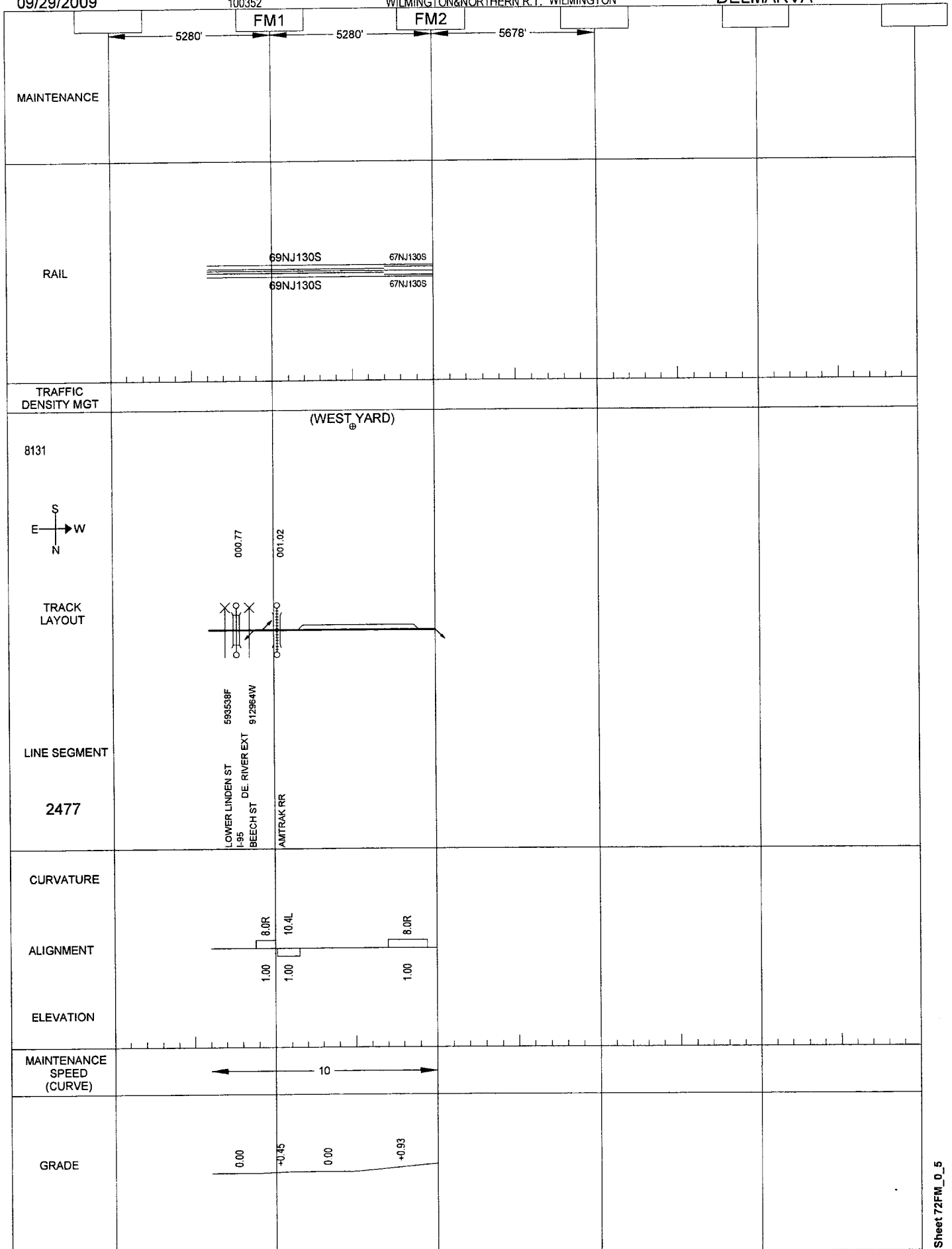
09/29/2009

100352

372

WILMINGTON & NORTHERN R.T. WILMINGTON

DELMARVA



General Reference Only - Not for Operational Purposes

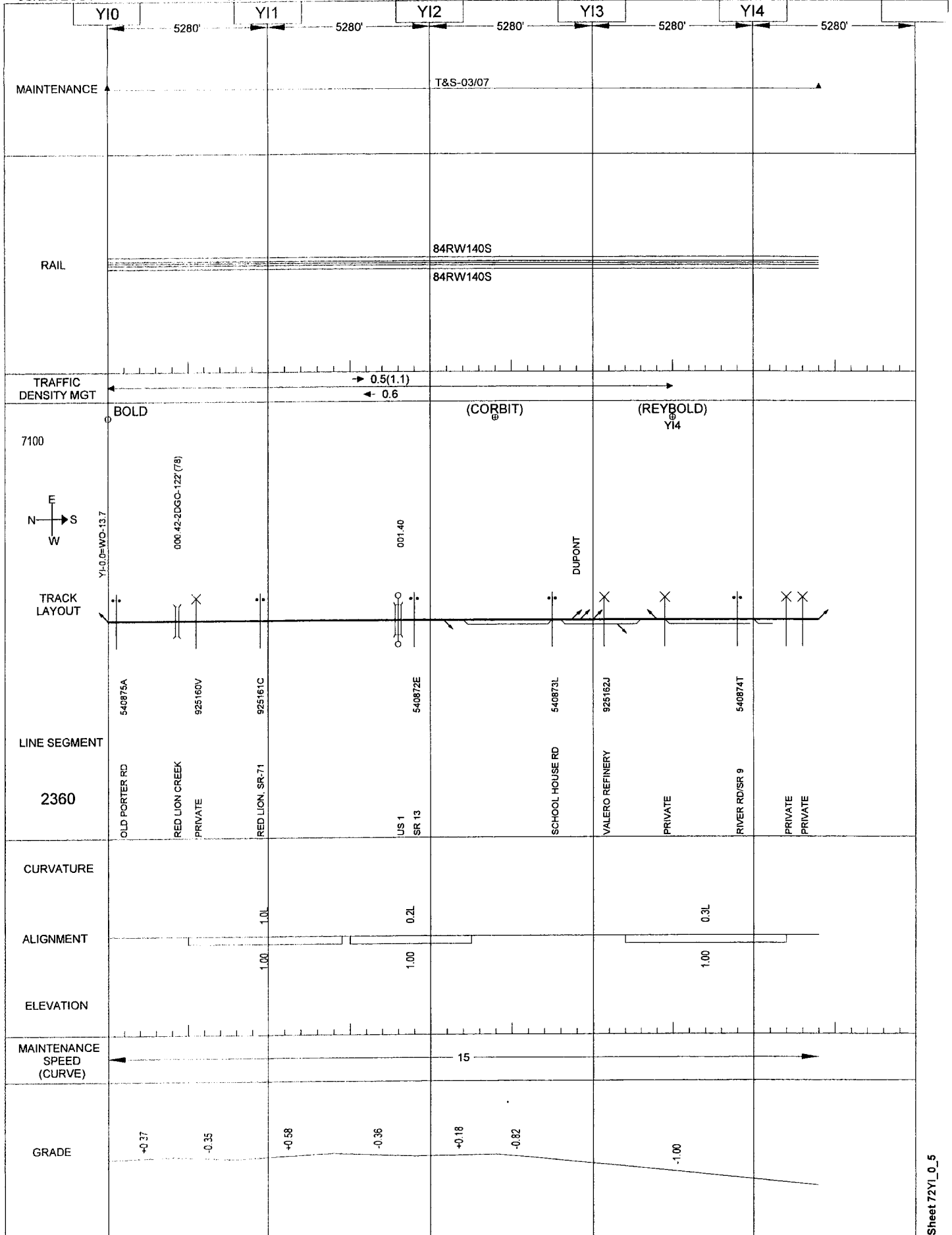
09/29/2009

101230

373
REYBOLD I.T.

PORTER-REYBOLD

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72YI_0_5

09/29/2009

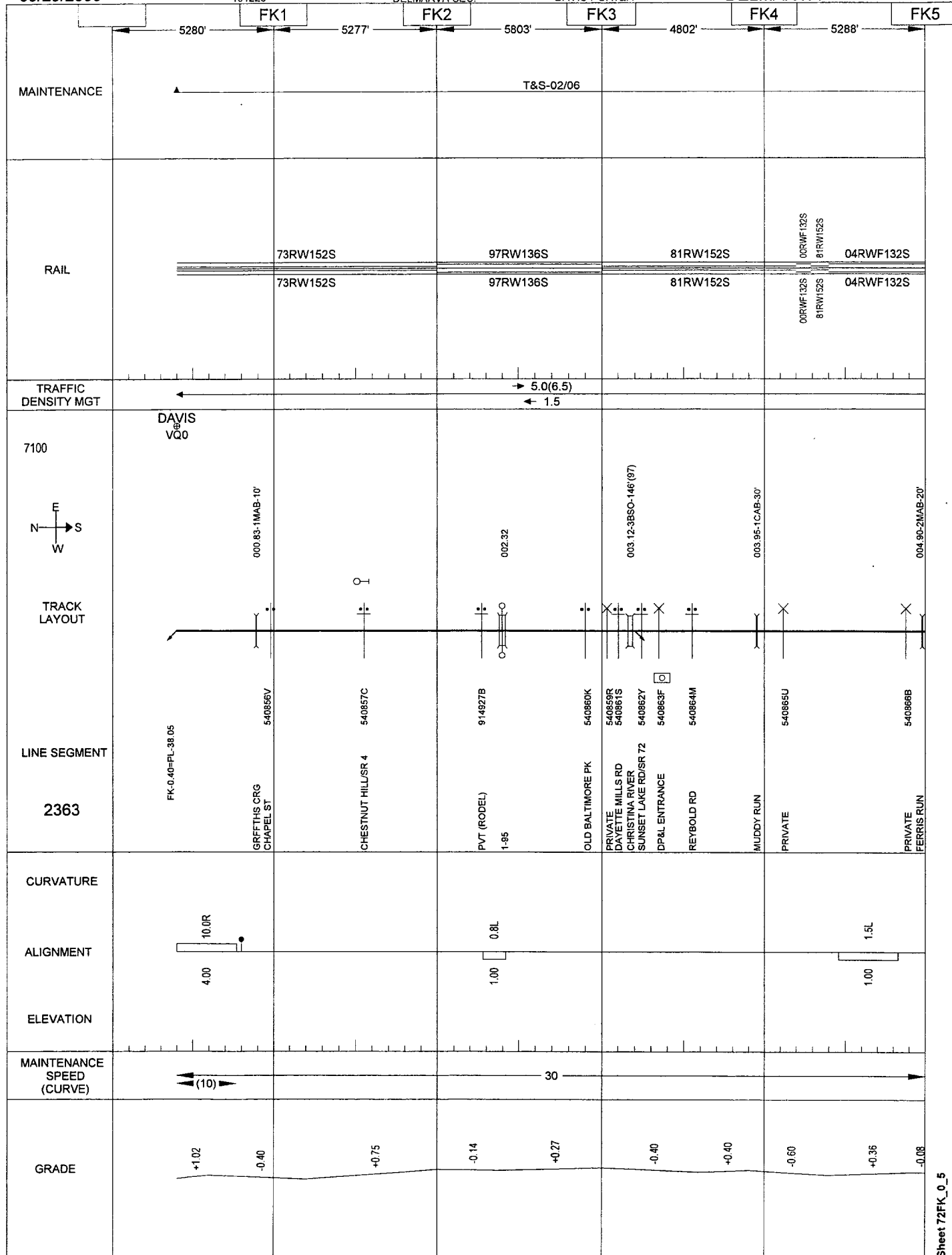
101223

374

DELMARVA SEC.

DAVIS-PORTER

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72FK_0_5

09/29/2009

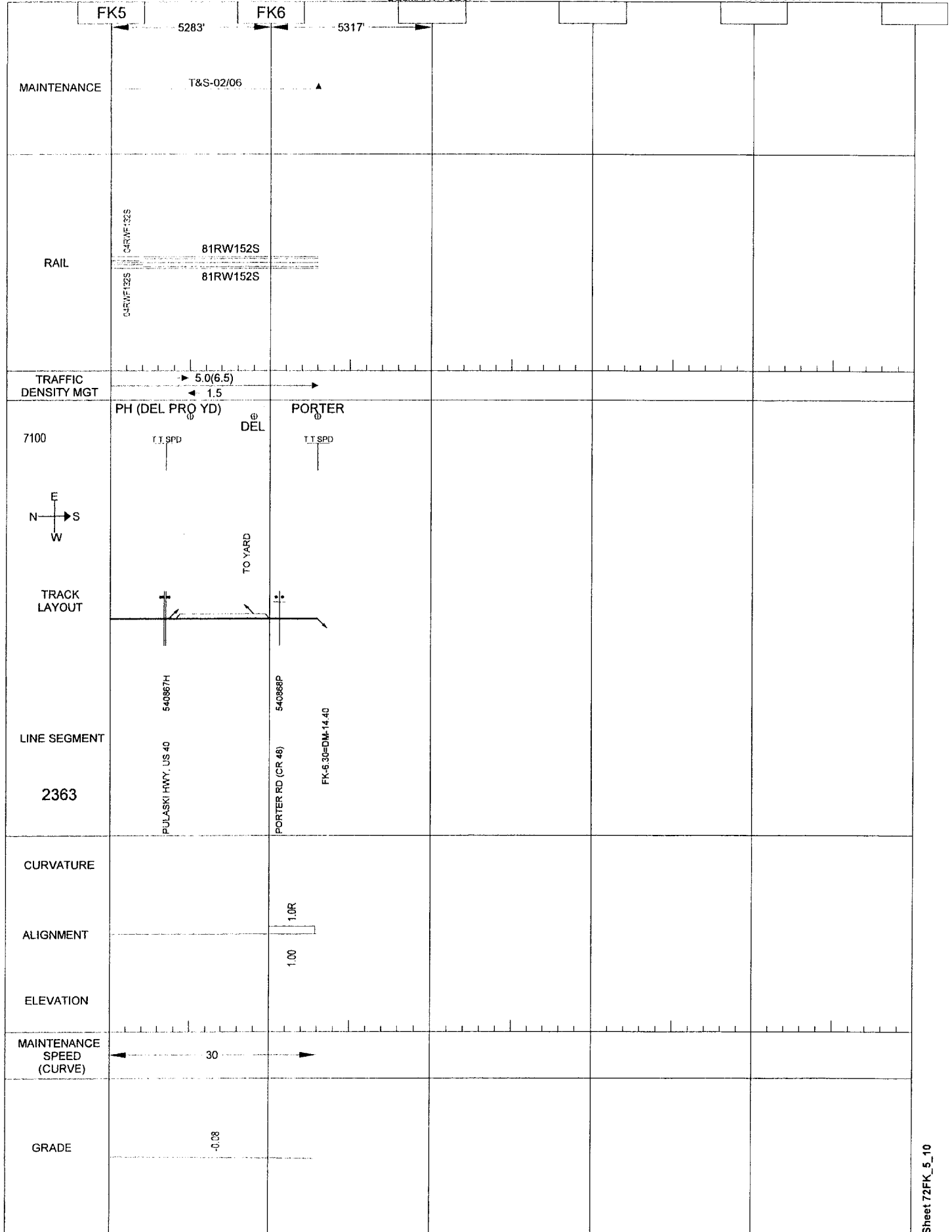
101223

375

DELMARVA SEC.

DAVIS-PORTER

DELMARVA



General Reference Only - Not for Operational Purposes

09/29/2009

101223

376

DELMARVA SEC.

PORTER-DELMAR

DELMARVA

DM15

5280'

MAINTENANCE

T&S-03/06

RAIL

84RW130S

84RW130S

TRAFFIC
DENSITY MGT

6.0(7.8)

1.8

7445

TRACK
LAYOUTPORTER
⊕

DM-14.40=WO-14.00



DM-14.40=FK-6.30

LINE SEGMENT

2366

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

40

GRADE

-0.05

+0.16

General Reference Only - Not for Operational Purposes

Sheet 72DM_10_15

DELMARVA

DM20

- 5279'

T&S-03/06

84RW131S

84RW131S

← 1.8

CANAL

TEST
MILE

015.85-1CSB-20'

018.33-5MSB-970'

4

—

531602G

RED LION RD-SR 71

1

LOREWOOD GROVE RD 531607R

2366

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

- 40

GRADE

16

03

21

43

17

07

General Reference Only - Not for Operational Purposes

Sheet 72DM_15_20

09/29/2009

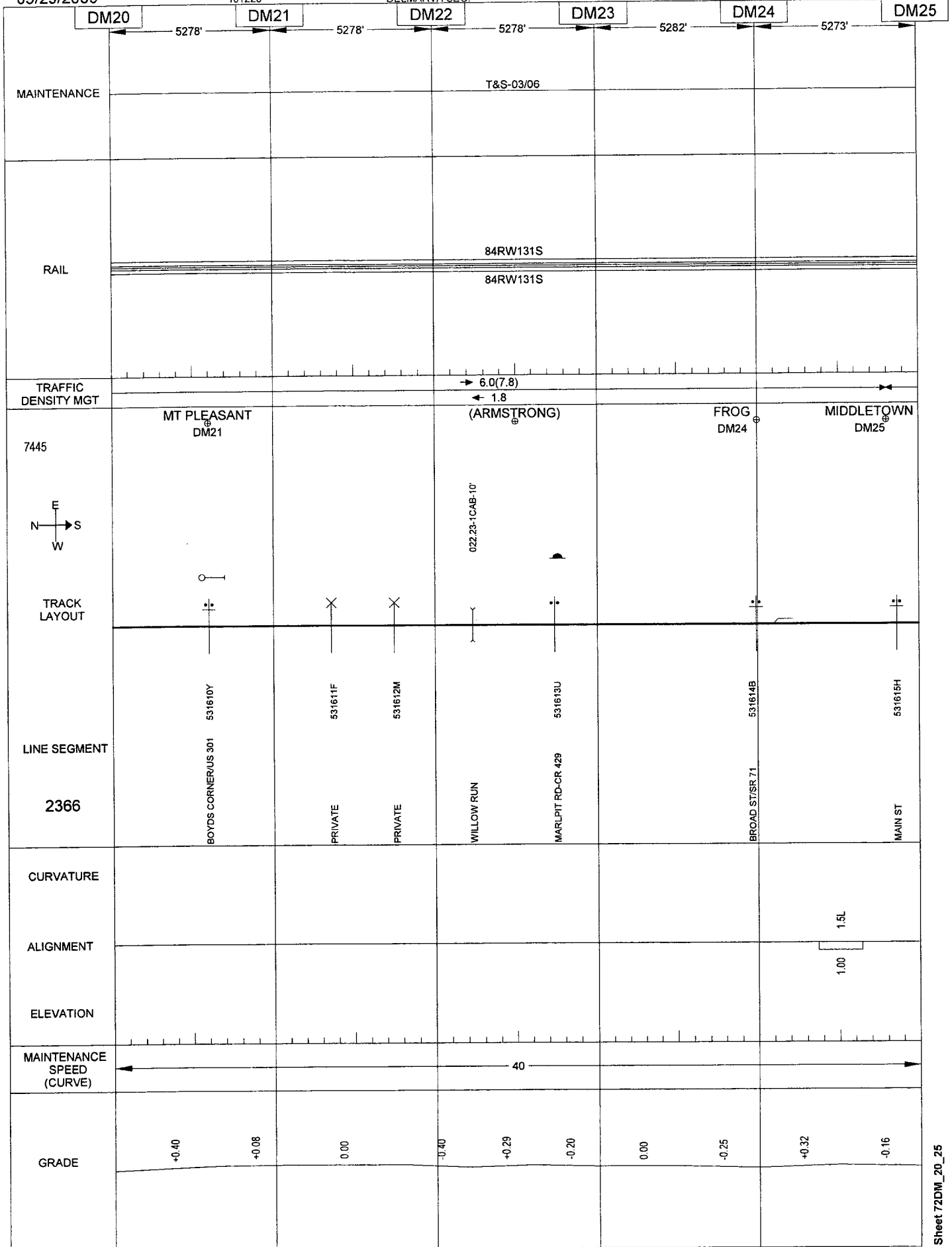
101223

378

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



General Reference Only - Not for Operational Purposes

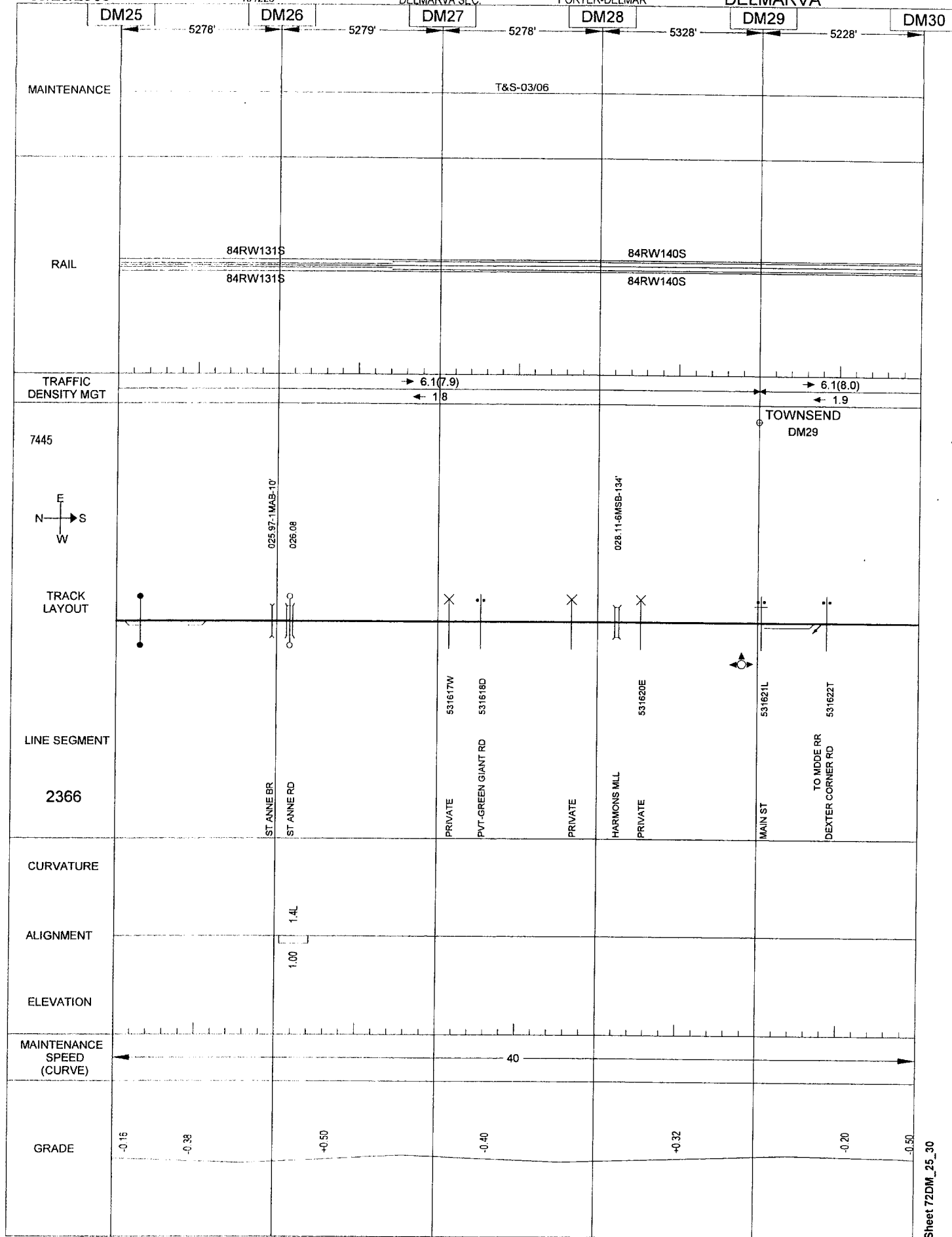
09/29/2009

101223

379
DELMARVA SEC.

PORTER-DELMAR

DELMARVA



Sheet 72DM_25_30

General Reference Only - Not for Operational Purposes

09/29/2009

101223

380

DELMARVA SEC.

PORTER-DELMAR

DELMARVA

DM30

DM31

DM32

DM33

DM34

DM35

5277'

5280'

5279'

5279'

5282'

MAINTENANCE

T&S-03/06

RAIL

84RW140S

84RW131S

84RW115S

84RW140S

84RW131S

84RW115S

TRAFFIC
DENSITY MGT

→ 6.1(8.0)

← 1.9

CLAY
DM35

7445

030.55-1MAB-20'

031.62-1MAB-10'

034.60-1CSB-12'

TRACK
LAYOUT

LINE SEGMENT

2366

531630K

BARTON BR

531631S

BLACKBIRD RD

531632Y

MILL POND

BLACKBIRD FOREST RD

531936P

PRIVATE

531937W

WATERWAY

531937W

GREENSPRINGS RD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

40

GRADE

-0.50

+0.35

-0.28

+0.30

-0.24

-0.22

+0.11

General Reference Only - Not for Operational Purposes

Sheet 72DW_30_35

09/29/2009

101223

382

DELMARVA SEC.

PORTER-DELMAR

DELMARVA

DM40

DM41

DM42

DM43

DM44

DM45

5309'

5277'

5279'

5281'

5280'

MAINTENANCE

T&S-03/06

T&S-03/04

RAIL

84RW112S

09RW132S

84RW112S

84RW112S

TRAFFIC
DENSITY MGT→ 6.2(8.2)
← 2.0

7445

CHES

CHESWOLD

E
N → S
W

040.40-1MAB-20'

040.96-1CAB-12'

PPG

PARADE GAS

RIECHOLD

044.43-1DGO-43'

044.75-1DGO-43'(01)

045.04

TRACK
LAYOUT

531981J

531982R

531983X

531984E

531633F

531634M

531635J

LINE SEGMENT

2366

PRIVATE

HOFFCKRS ML

PRIVATE

PRICES BRNC

LYNNBURY WOODS RD

MAIN ST-CR 45

ROSEBOWL RD

FORK BRANCH RD

FORK BRANCH
DENNEY-CR 100

ST JACOBS

SCARBOROUGH RD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

40

GRADE

-0.12

+0.30

+0.43

-0.31

+0.33

-0.07

+0.45

+0.47

General Reference Only - Not for Operational Purposes

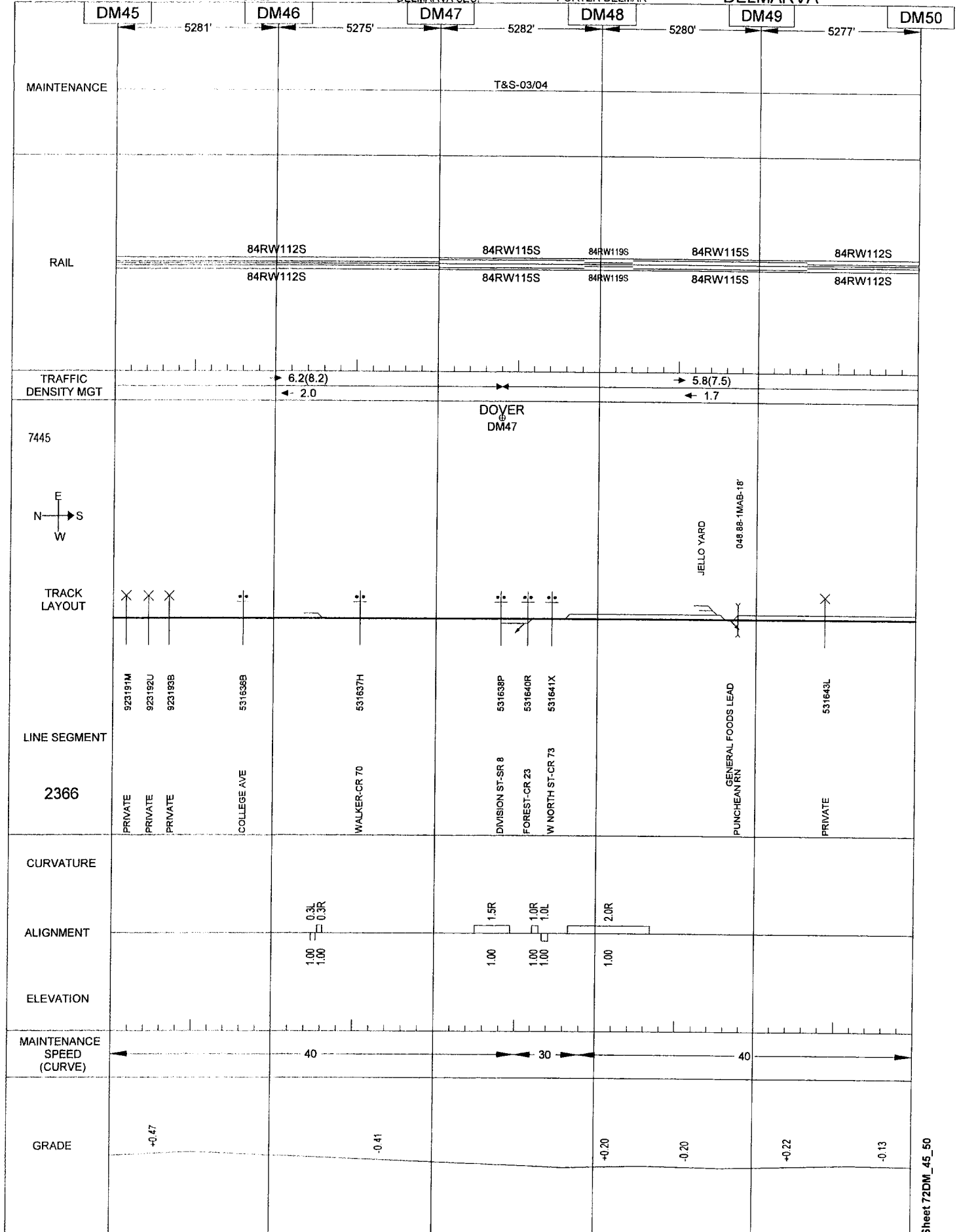
Sheet 72DM_40_45

09/29/2009

383
DELMARVA SEC.

PORTER-DELMAR

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72DM_45_50

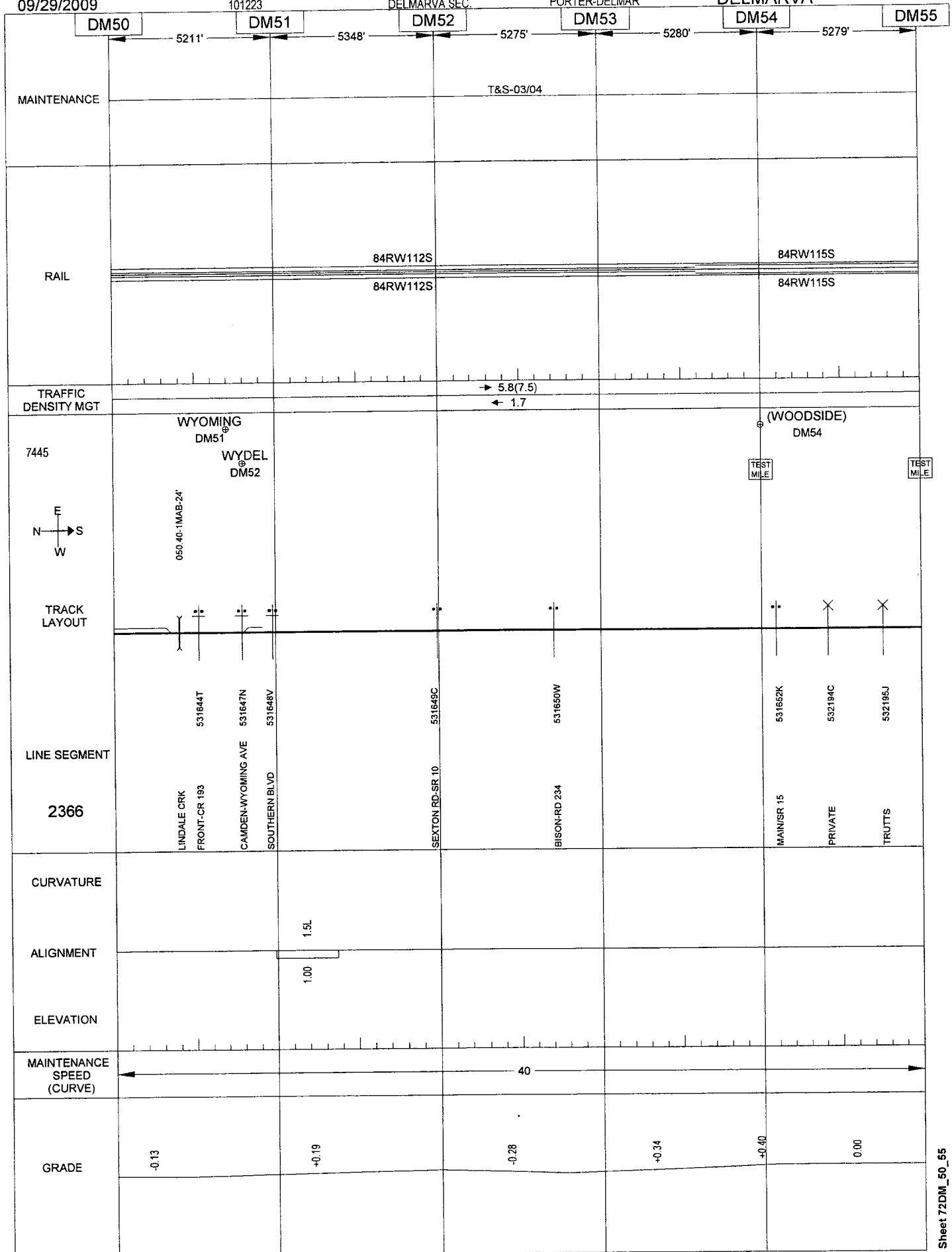
09/29/2009

101223

384
DELMARVA SEC.

PORTER-DELMAR

DELMARVA



General Reference Only - Not for Operational Purposes

09/29/2009

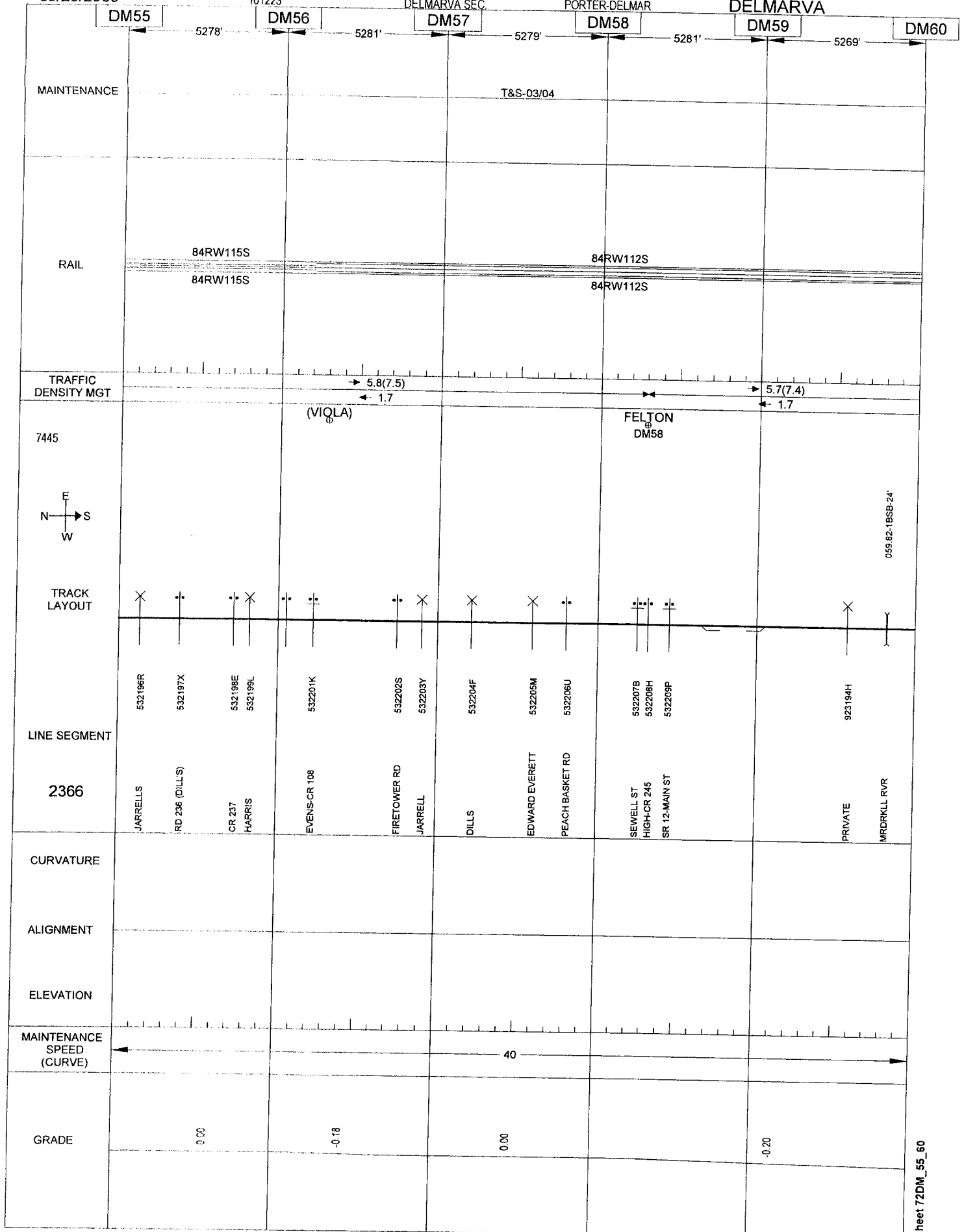
101223

385

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72DM_55_60

09/29/2009

101223

386

DELMARVA SEC.

PORTER-DELMAR

DELMARVA

DM60

DM61

DM62

DM63

DM64

DM65

5289'

5278'

5270'

5302'

5257'

MAINTENANCE

T&S-03/04

T&S-06/94

RAIL

84RW112S

84RW112S

84RW115S

**RW130S

84RW115S

**RW130S

TRAFFIC
DENSITY MGT

→ 5.7(7.4)

← 1.7

→ 2.2(3.0)

← 0.7

7445

ALLEY
DM61

MOORE

HARRINGTON

N
E
S
W

060.71-1DGO-43 (98)

YARD
LIMIT

DM-64.40-IR-0.0

DM-64.95/IR-0.39

TRACK
LAYOUT

LINE SEGMENT

REEVES XING RD-CR286 532211R

BLACK SWAMP CREEK

PARADISE ALLEY-CR287 532213E

HOPKINS CMTRY-CR 289 532214L

CENTER-CR 275 532216A

LIBERTY ST-CR 80 532217G

SR 14-CLARK ST 532219V

FAIRGROUND RD-CR 316 532230V

2366
2369

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

40

30

10

GRADE

-0.20

+0.18

0.00

General Reference Only - Not for Operational Purposes

09/29/2009

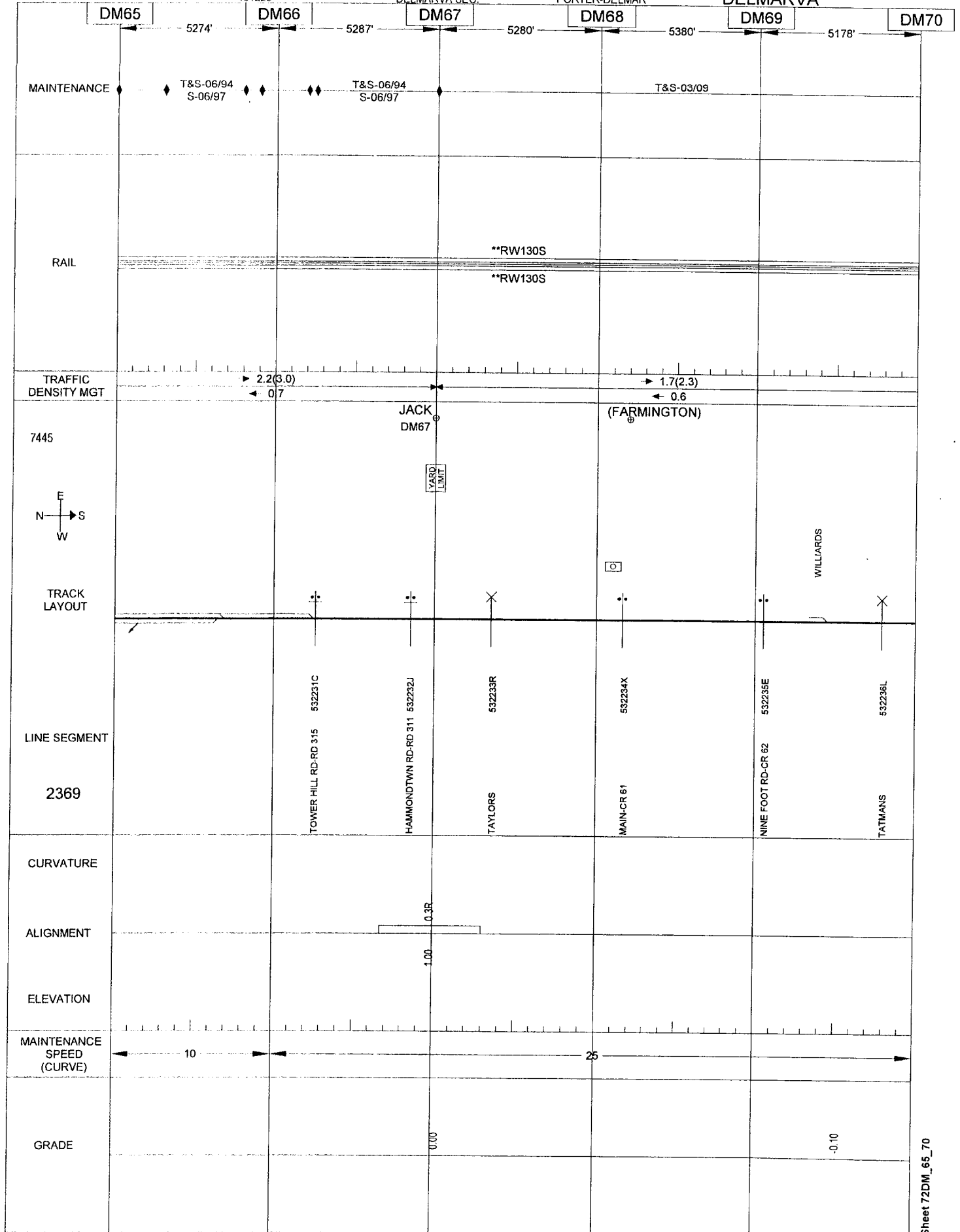
101223

387

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



General Reference Only - Not for Operational Purposes

09/29/2009

101223

388

DELMARVA SEC.

PORTER-DELMAR

DELMARVA

DM70

DM71

DM72

DM73

DM74

DM75

5280'

5277'

5281'

5279'

5277'

MAINTENANCE

T&S-03/09

RAIL

**RW130S

**RW130S

TRAFFIC
DENSITY MGT→ 1.7(2.3)
← 0.6GREENWOOD
DM72

7445

KENT CO
SUSSEX CO

MANTICOKE

TRACK
LAYOUT

X

X

••

••

••

••

X

532237T

532238A

GREENWOOD RD-CR 589A 532240B

532241H

532242P

532243W

532244D

LINE SEGMENT

2369

SMITH

JAMES

MARKET-SR 16

GOVERNOR AVE

ADAMS RD-CR 583N

WILLIS

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

GRADE

-0.10

General Reference Only - Not for Operational Purposes

Sheet 72DM_70_75

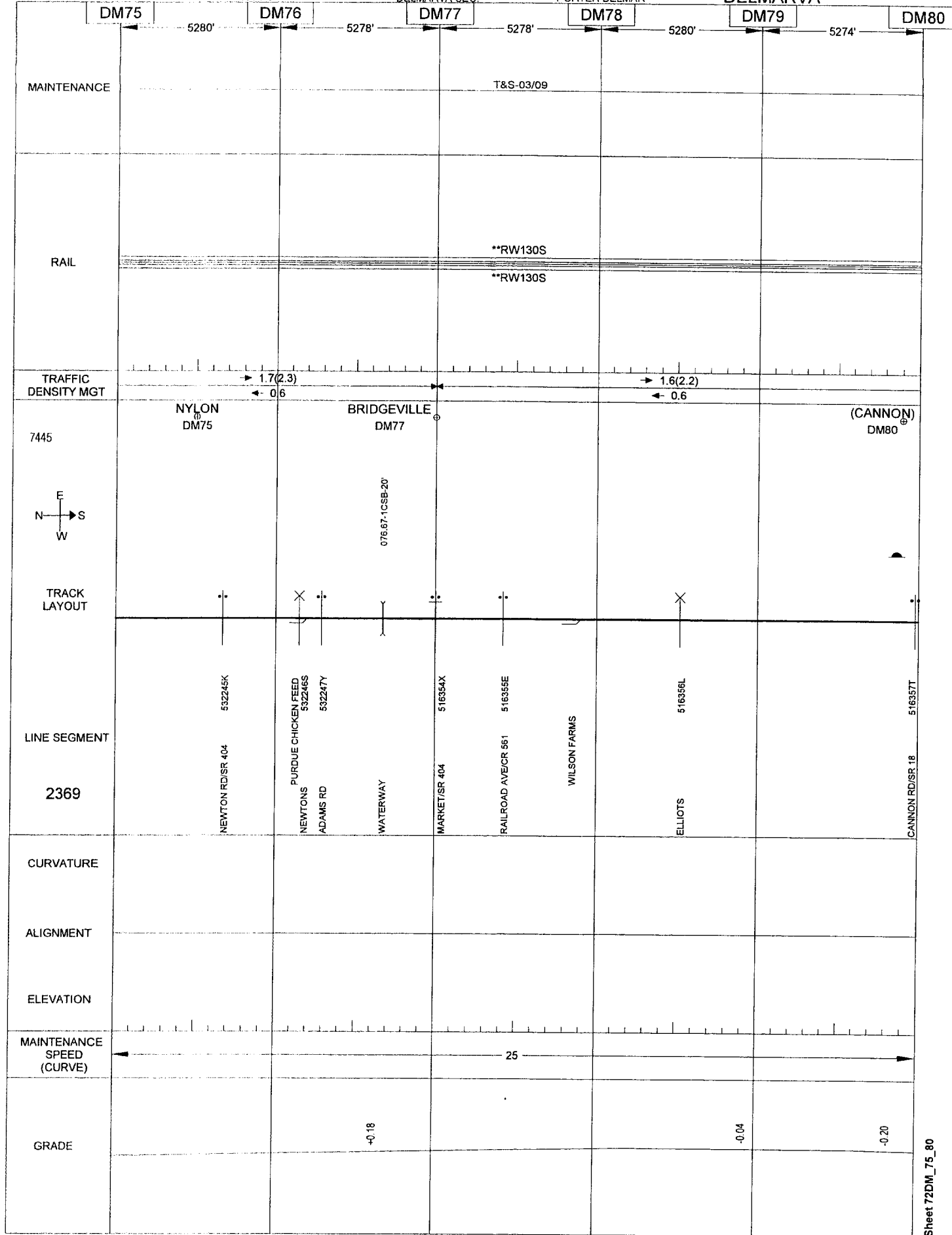
09/29/2009

101223

389
DELMARVA SEC.

PORTER-DELMAR

DELMARVA



General Reference Only - Not for Operational Purposes

09/29/2009

101223

390

DELMARVA SEC.

PORTER-DELMAR

DELMARVA

DM80

DM81

DM82

DM83

DM84

DM85

5281'

5278'

5276'

5277'

5278'

MAINTENANCE

T&S-03/09

RAIL

**RW130S

**RW125S

**RW130S

94RW131S

**RW130S

**RW130S

**RW125S

**RW130S

94RW131S

**RW130S

TRAFFIC
DENSITY MGT

→ 1.6(2.2)

← 0.6

→ 1.1(1.5)

← 0.4

7445

TRACK
LAYOUTSEAFORD
DM84084.16
084.35-12MSC-364'(99)

LINE SEGMENT

2369

516358A

516360B

ALLEN MILLING

516362P

HEARNS POND RD 544

516363W

ROSS STA RD/RD 543

JOHNSON POLYMER

SEAFORD IND PARK

516365K

083.72

STEIN HWY/SR 20

084.16

PENN AVE DM-84.15=QT-0.0

516369M

NEW ST NANTICOKE RIVER

516370G

RD 490-RIVER RD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

20

25

GRADE

-0.20

+0.10

+0.30

General Reference Only - Not for Operational Purposes

Sheet 72DM_80_85

09/29/2009

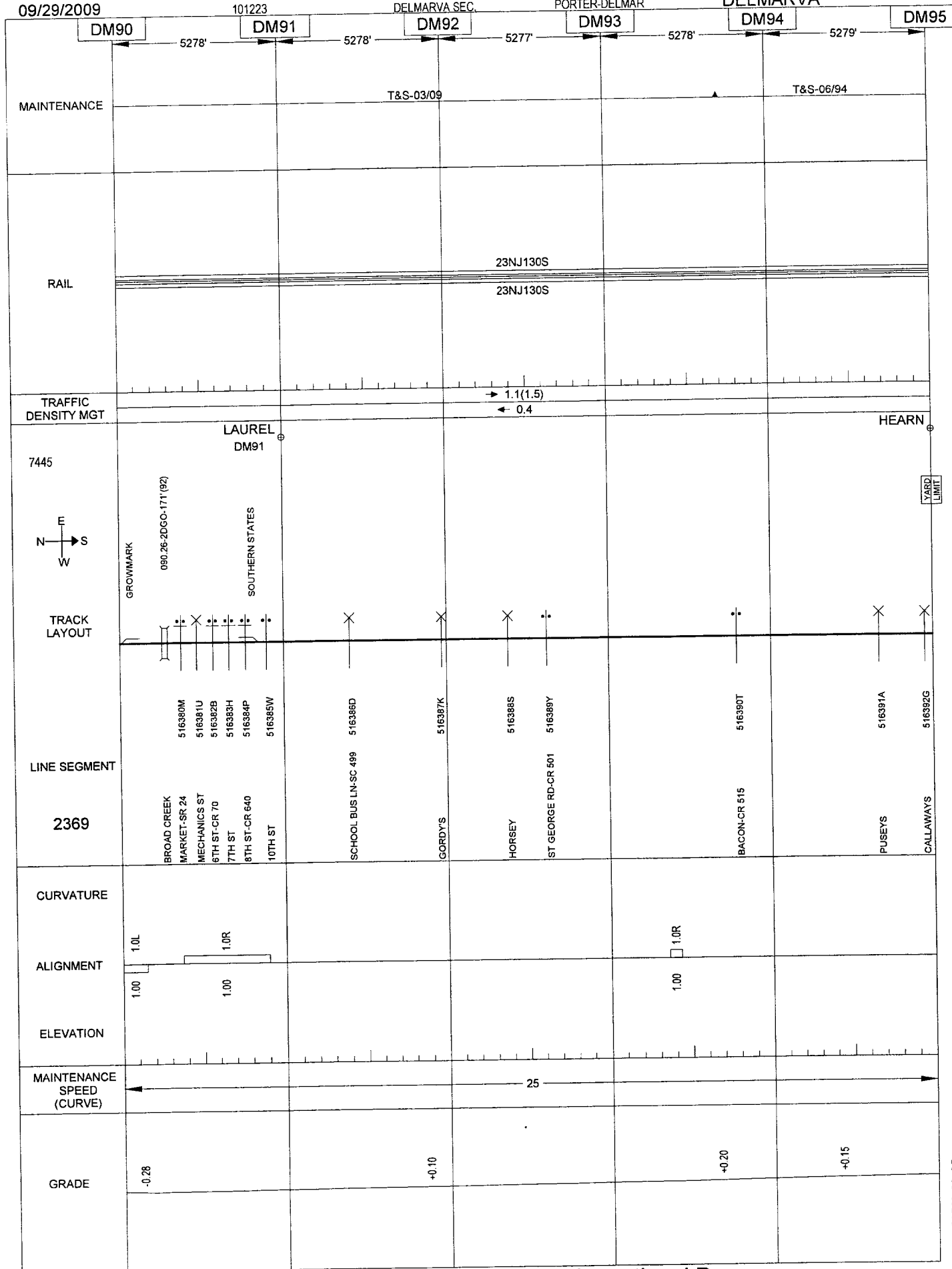
101223

392

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



General Reference Only - Not for Operational Purposes

09/29/2009

101272

393

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA

DM95

DM96

DM97

DM98

DM99

DM100

5283'

5275'

5723'

5280'

5280'

MAINTENANCE

T&S-06/94

T&S-06/94
S-06/96

T&S-06/94

T&S-06/94
S-06/96

RAIL

23NJ130S

23NJ130S

**NJ130S

**NJ130S

TRAFFIC
DENSITY MGT1.1(1.5)
0.40.3(0.5)
0.2

HEARN

DELMAR

(PATTON)

7445
7225E
N → S
WYARD
LIMIT

ALLEN MILLING

ALLEN MILLING

DE MD

099.81-1CBB-18'

TRACK
LAYOUT

LINE SEGMENT

2369
2372

OLD CROW RD-OR 503B 516393N

OLD RACETRACK RD 502 516396J

STATE-SR 54 530210C

CHESTNUT ST 530211J

FOSKEY LN 530212R

CONNELLY MILL 530213X

RUARKS POND

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

15

GRADE

+0.15

-0.17

+0.83

-0.10

-0.28

-0.18

General Reference Only - Not for Operational Purposes

Sheet 72DM_95_100

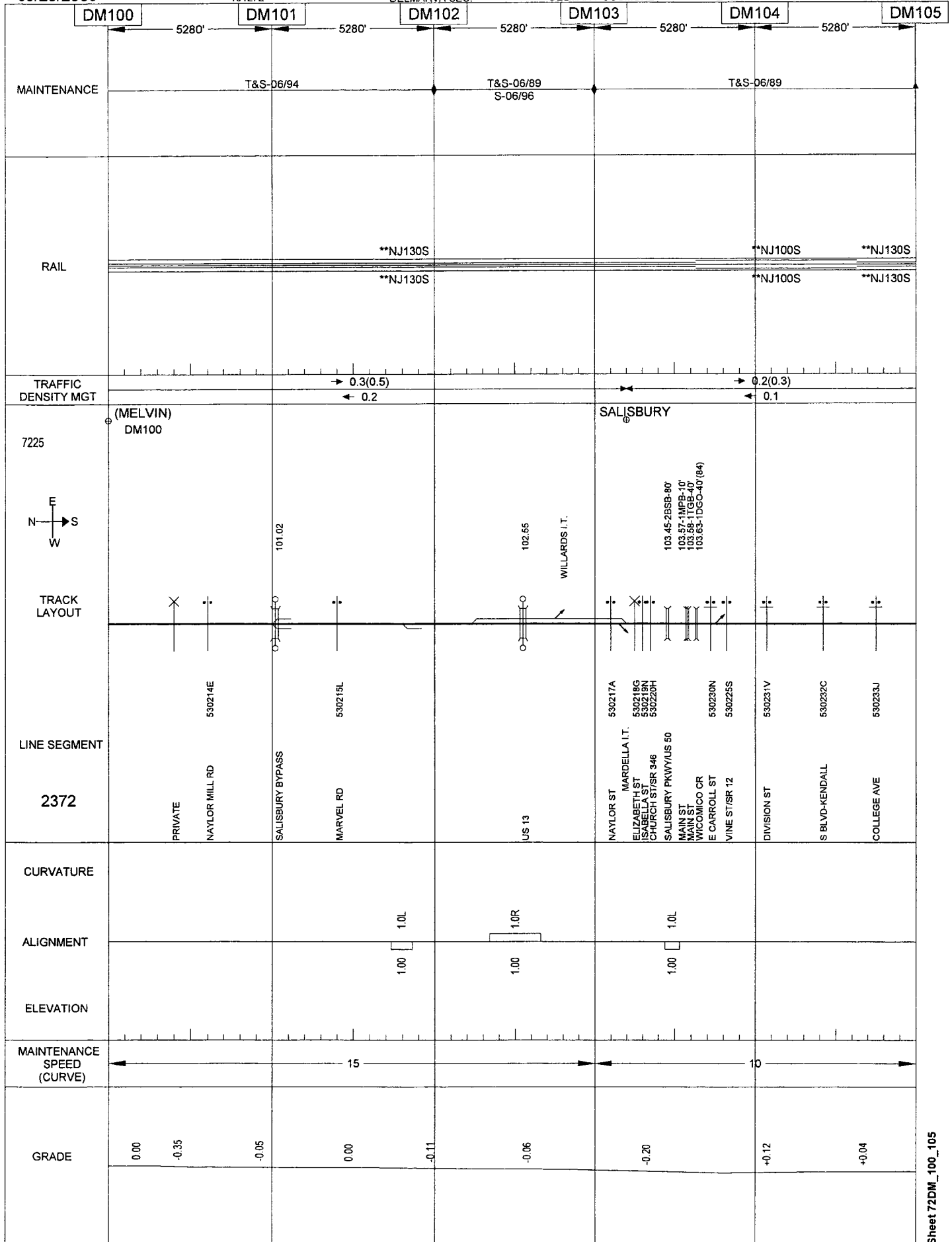
09/29/2009

101272

394
DELMARVA SEC.

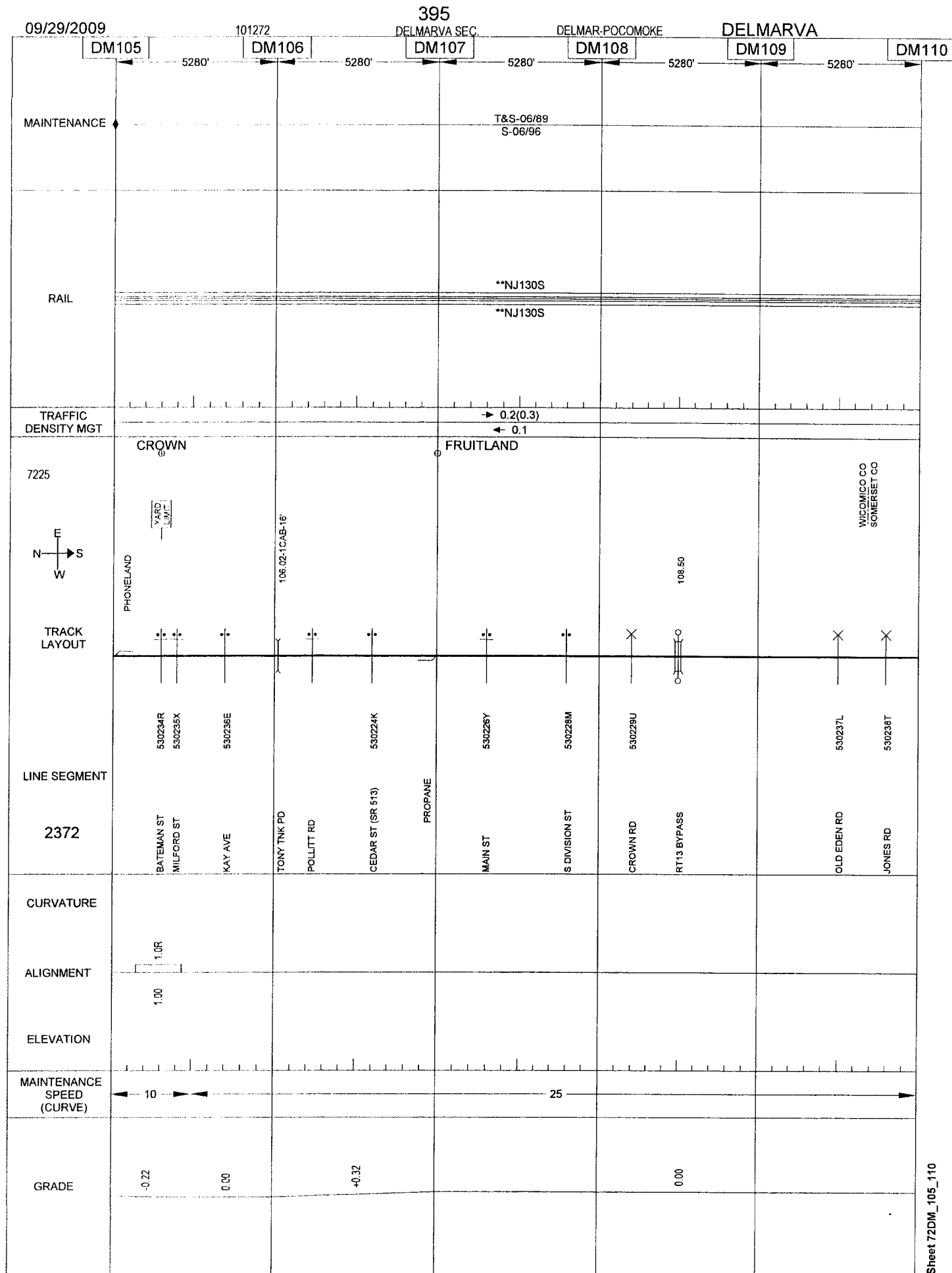
DELMAR-POCOMOKE

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72DM_100_105



General Reference Only - Not for Operational Purposes

09/29/2009

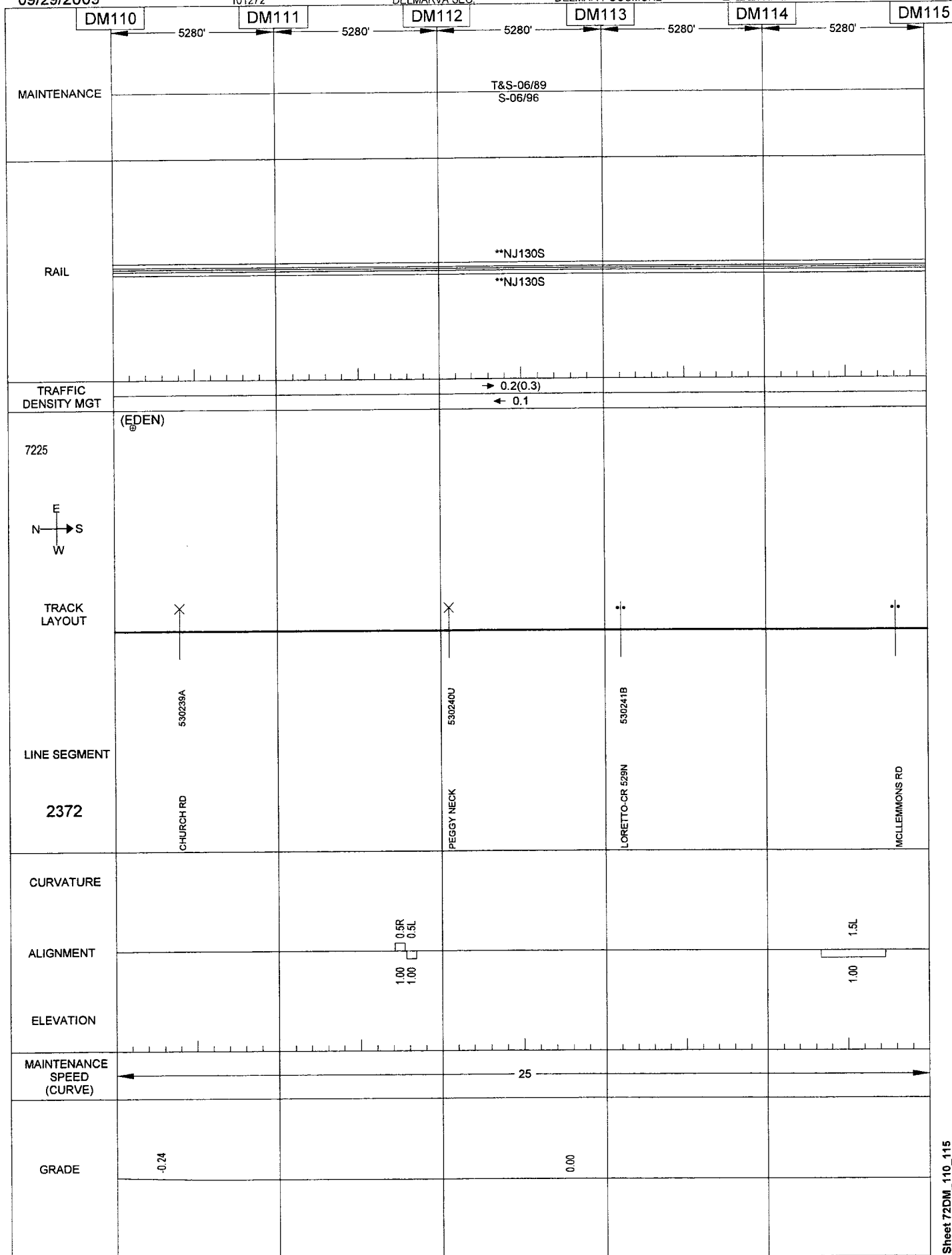
101272

396

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72DM_110_115

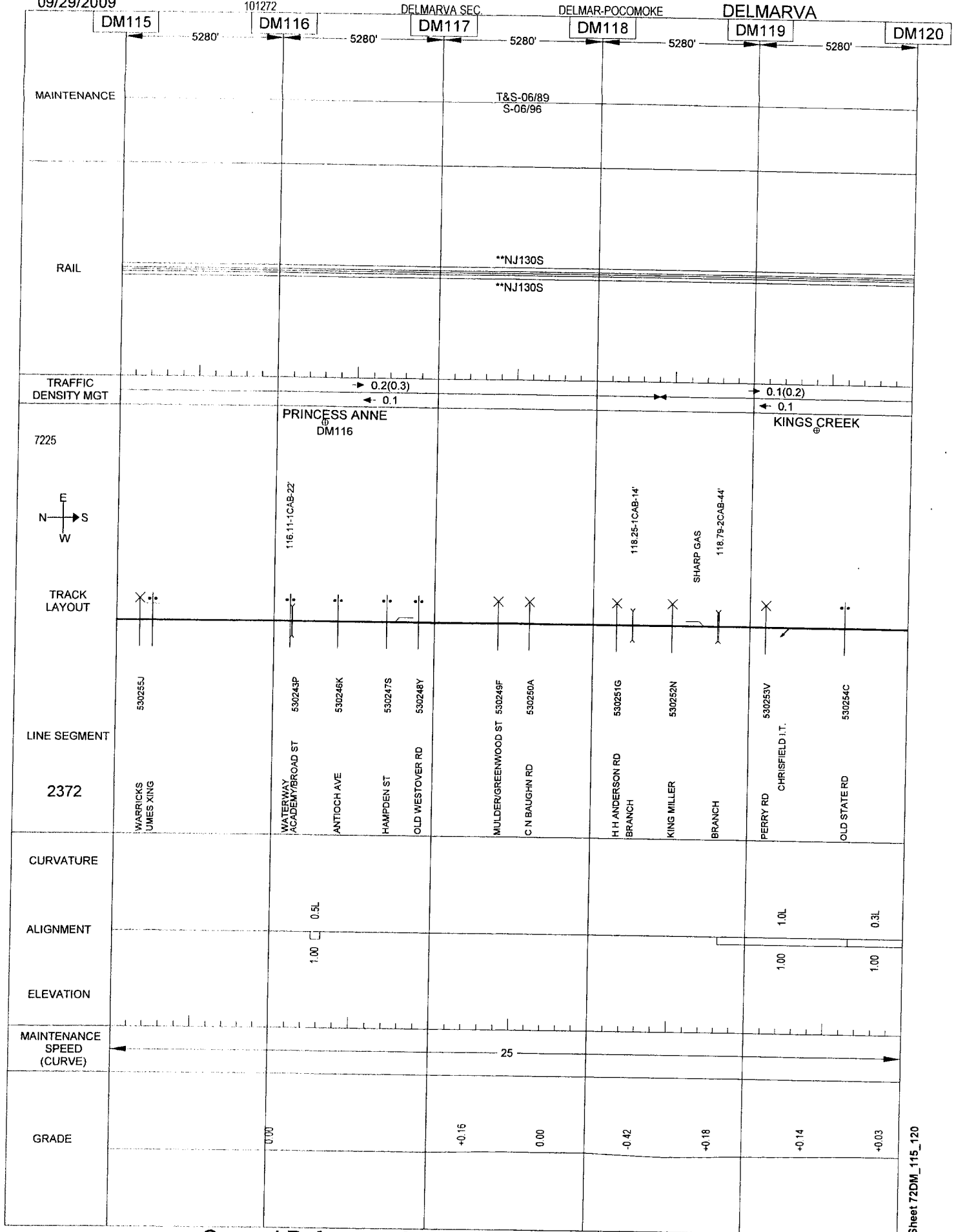
09/29/2009

397

DELMARVA SEC

DELMAR-POCOMOKE

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72DM_115_120

09/29/2009

101272

398

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA

DM125

DM120

DM121

DM122

DM123

DM124

5280'

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-06/89
S-06/96

RAIL

**NJ130S

**NJ130S

TRAFFIC
DENSITY MGT

→ 0.1(0.2)
← 0.1

(COSTEN)

7225

E
N → S
W

TRACK
LAYOUT

X

X

X

530258E

530259L

530572N

LINE SEGMENT

2372

STEVENSON

ARDEN STA RD

FOLLOW DITCH RD

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

25

GRADE

+0.03

1.00
0.1R

General Reference Only - Not for Operational Purposes

Sheet 72DM_120_125

09/29/2009

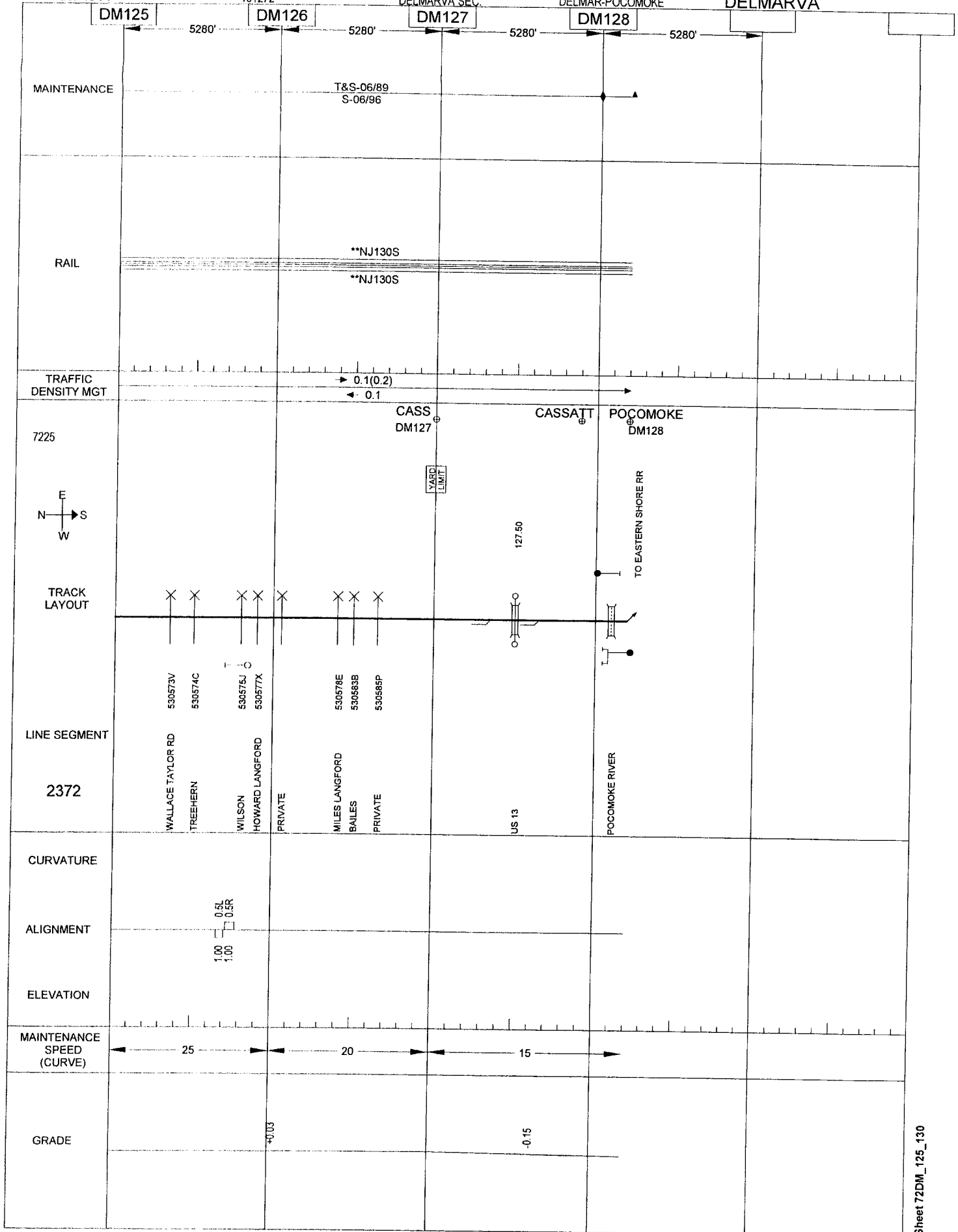
101272

399

DELMARVA SEC.

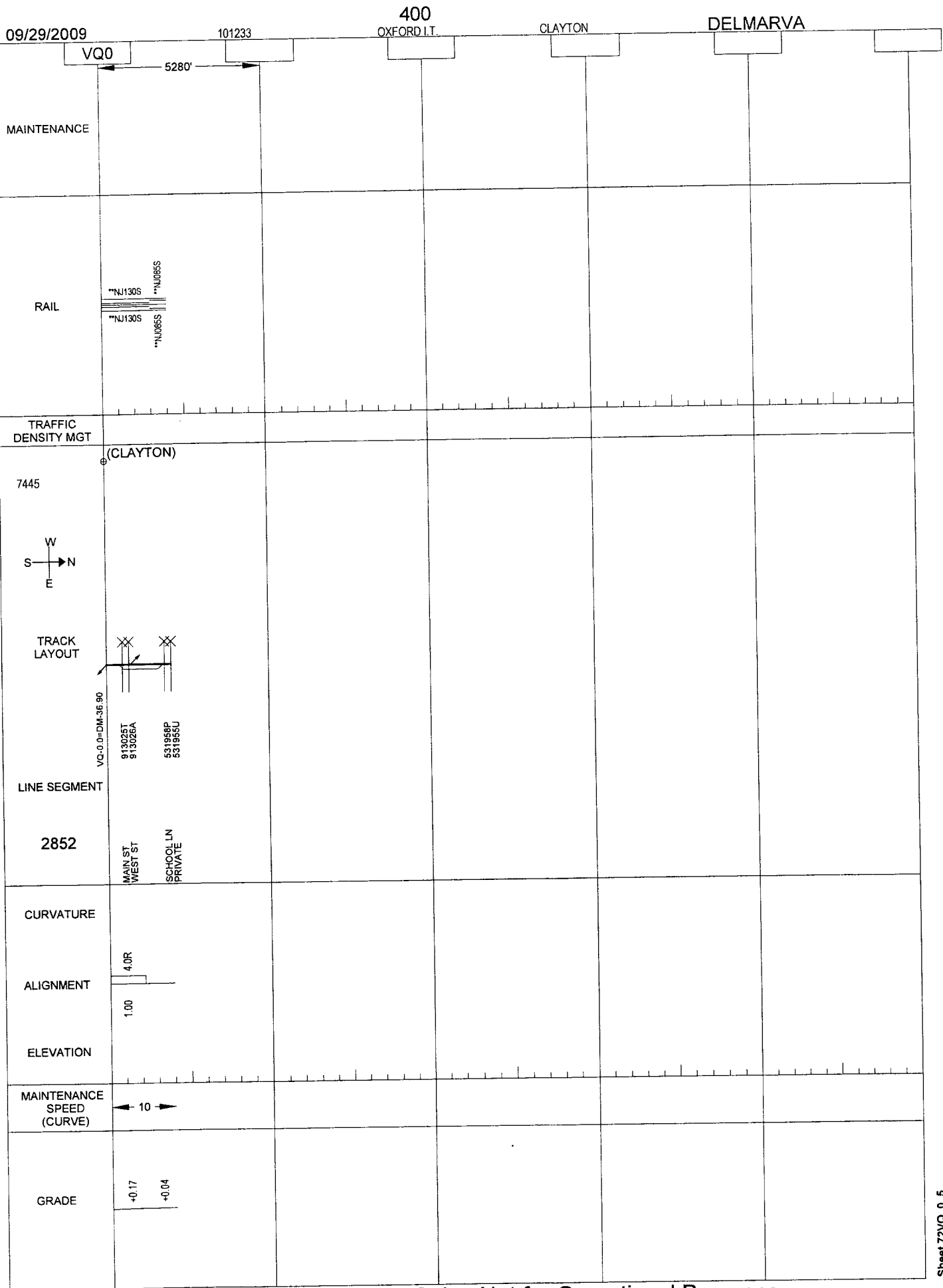
DELMAR-POCOMOKE

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72DM_125_130



General Reference Only - Not for Operational Purposes

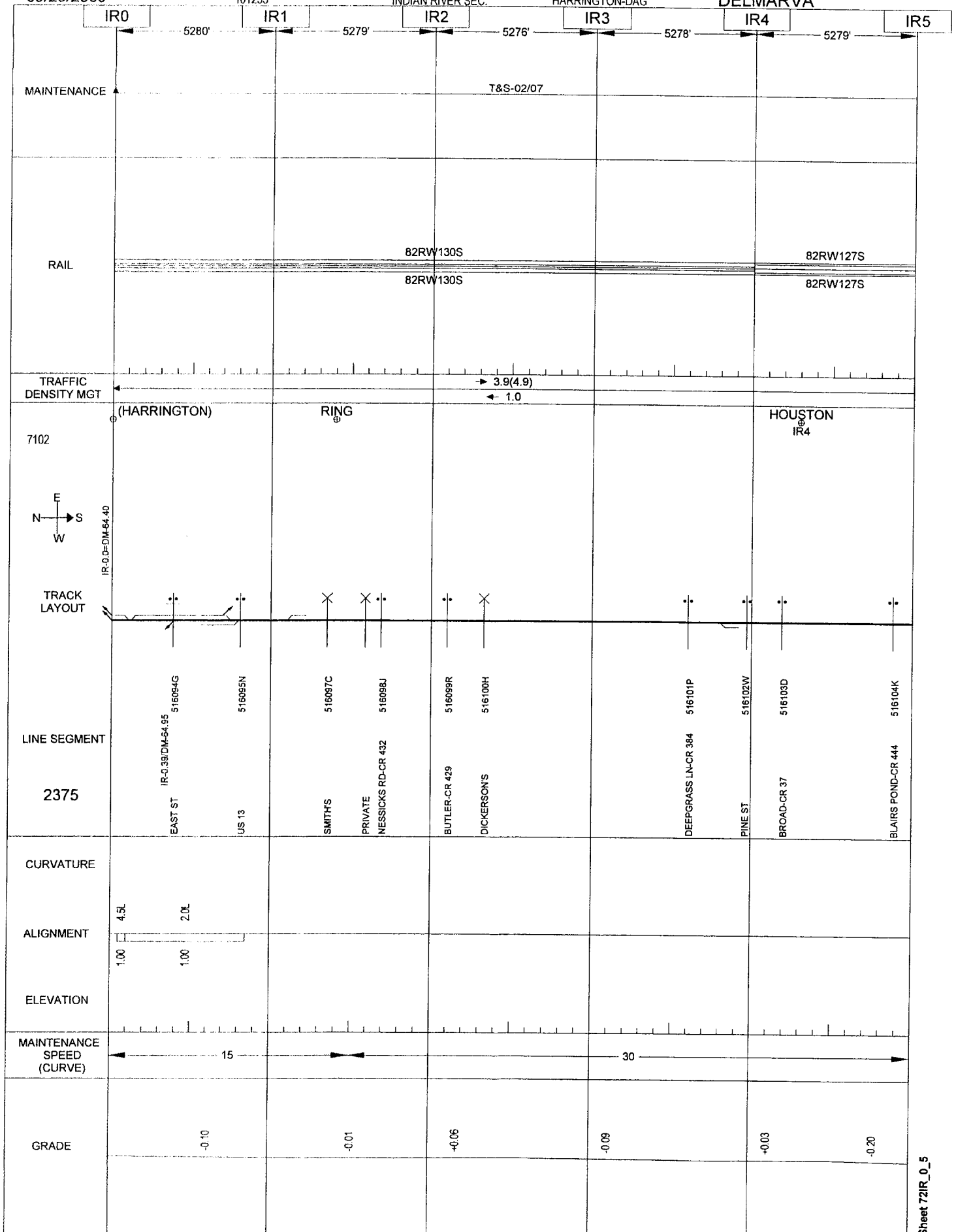
09/29/2009

401

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72IR_0_5

09/29/2009

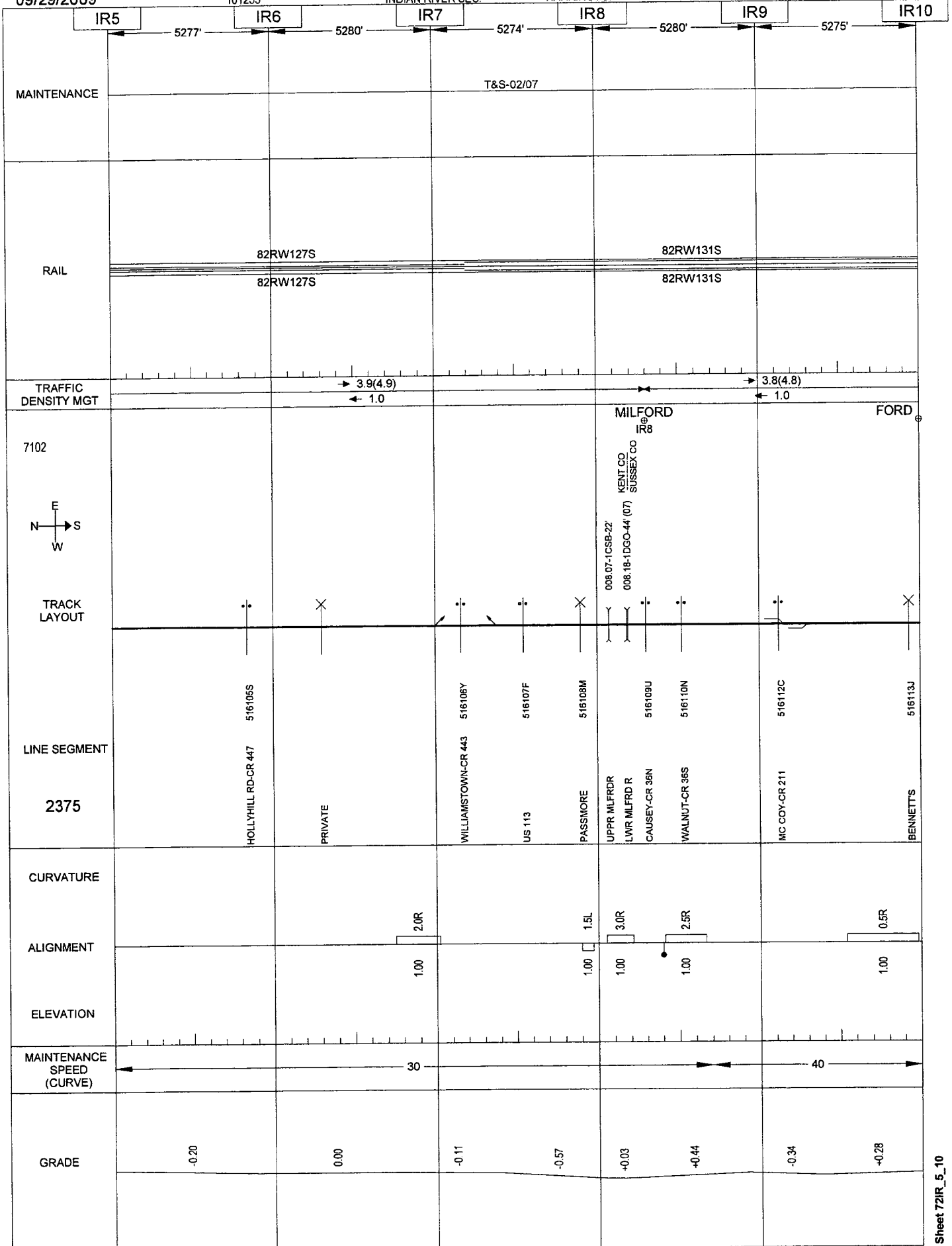
101235

402

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72IR_5_10

09/29/2009

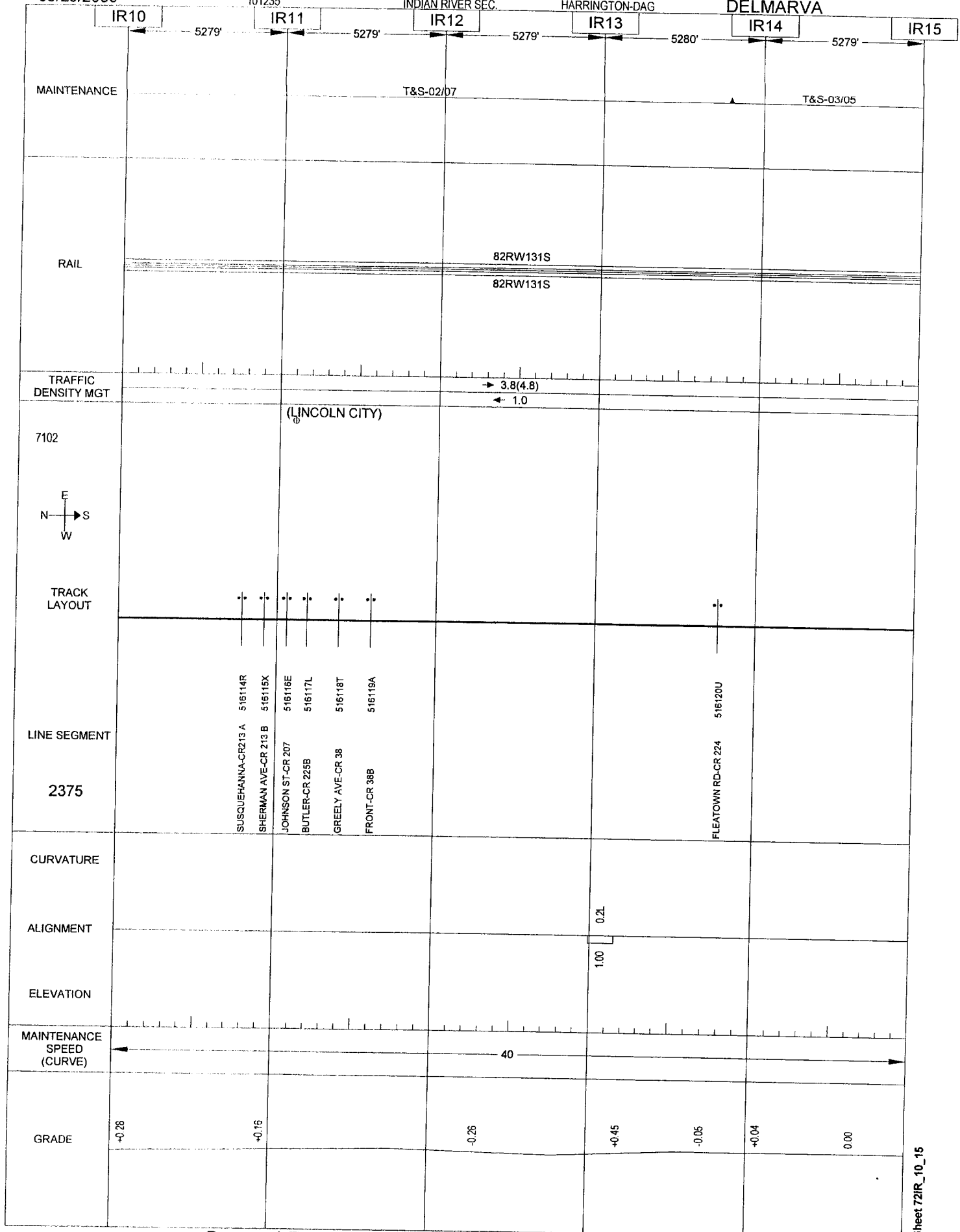
101235

403

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72IR_10_15

09/29/2009

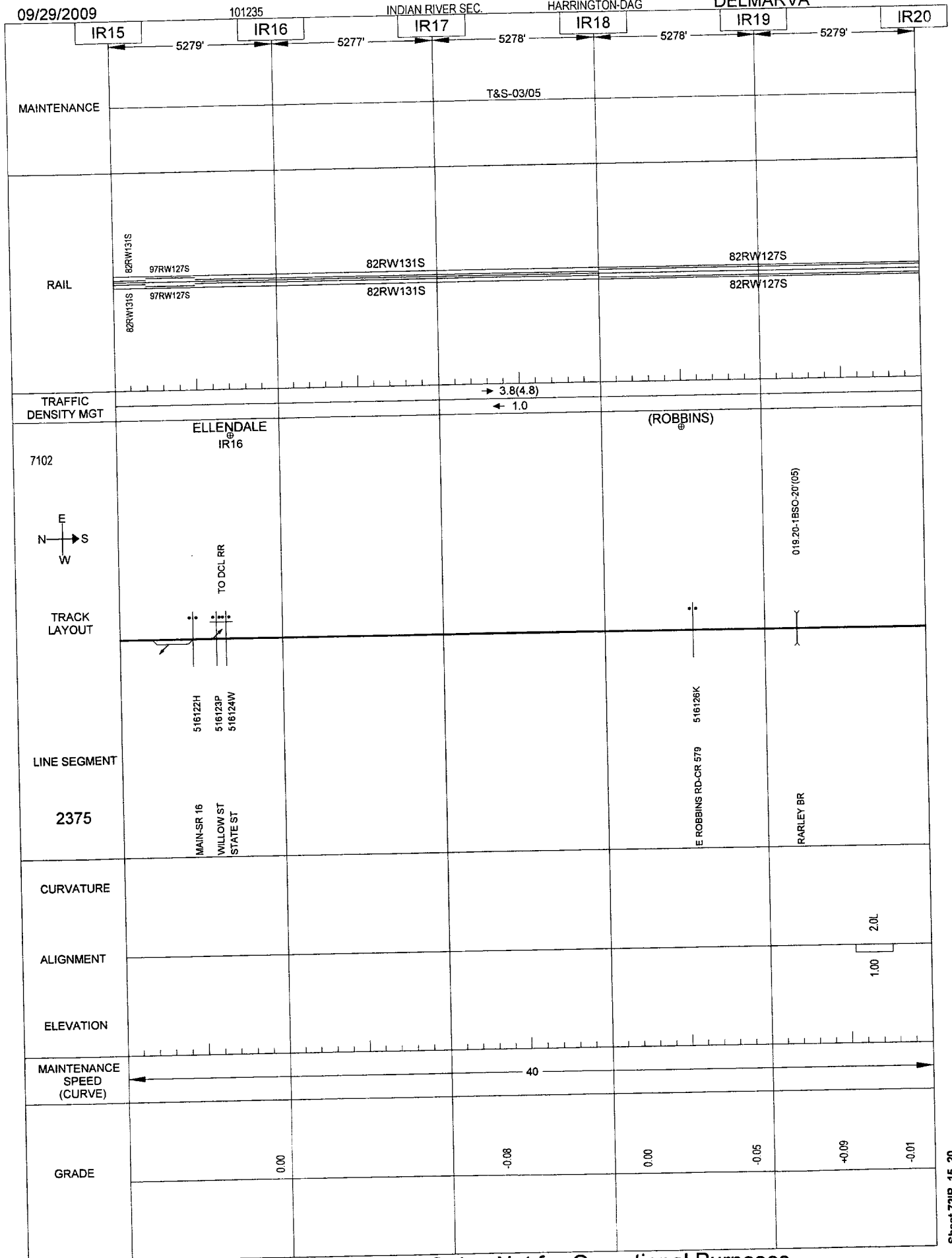
101235

404

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72IR_15_20

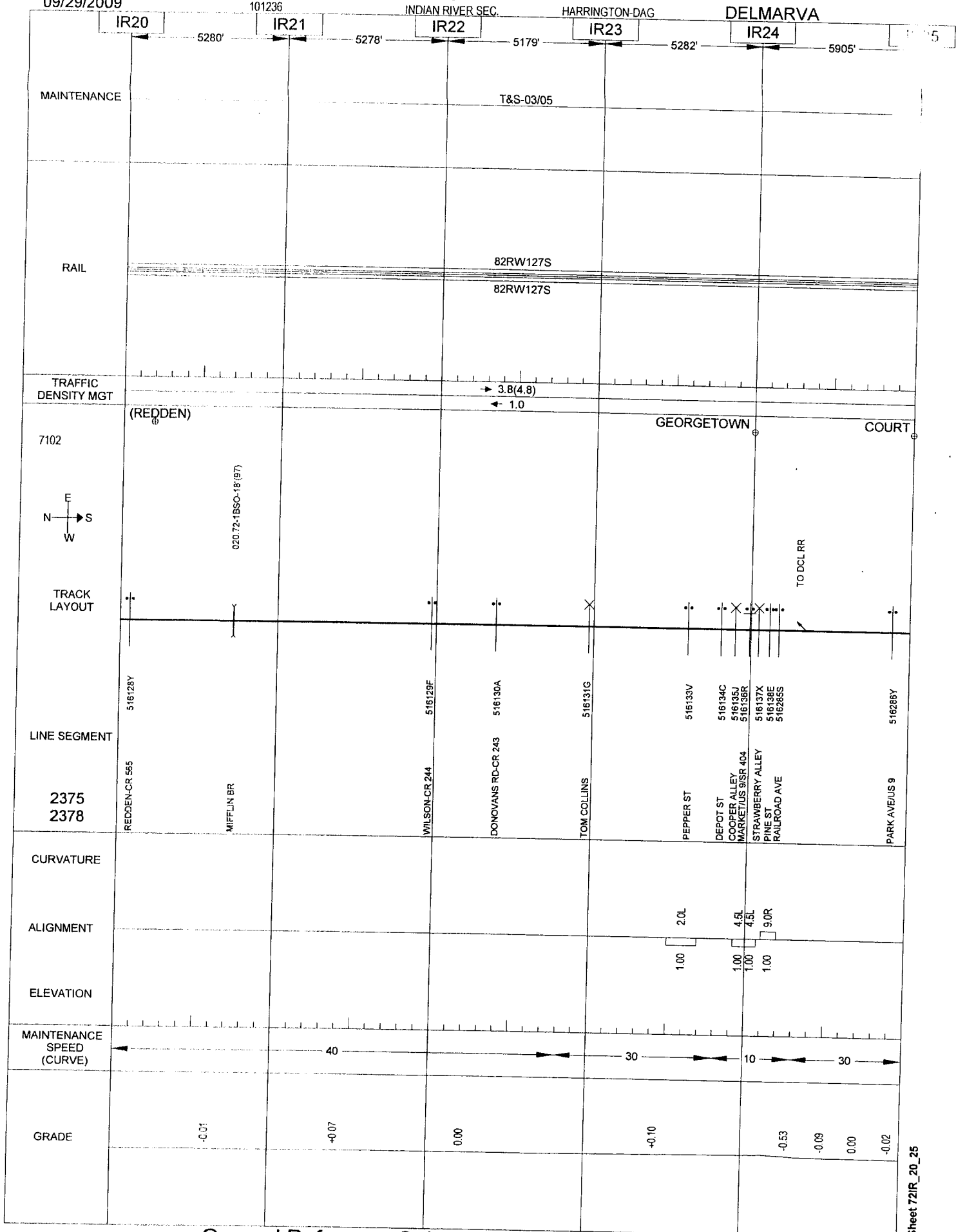
09/29/2009

405

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72/IR_20_25

09/29/2009

101236

406

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA

IR30

IR25

IR26

IR27

IR28

IR29

5277'

5278'

5277'

5279'

5278'

MAINTENANCE

T&S-03/05

RAIL

82RW127S

82RW127S

TRAFFIC
DENSITY MGT

→ 3.8(4.8)

← 1.0

(STOCKLEY)

7102

E
N → S
W

028 56-1CAB-10"

TRACK
LAYOUT

LINE SEGMENT

2378

WOOD BRANCH-CR 321
SUSSEX PINES-CR 324

MARVEL

ZOAR-CR 488

STOCKLEY-CR 432

ANDERSON BRANCH

AVE OF HONOR-CR 86

CURVATURE

ALIGNMENT

1.00 0.5L

ELEVATION

MAINTENANCE
SPEED
(CURVE)

30

GRADE

-0.02

-0.15

-0.05

-0.15

0.00

-0.07

-0.37

+0.10

-0.04

+0.12

General Reference Only - Not for Operational Purposes

Sheet 72IR_25_30

09/29/2009

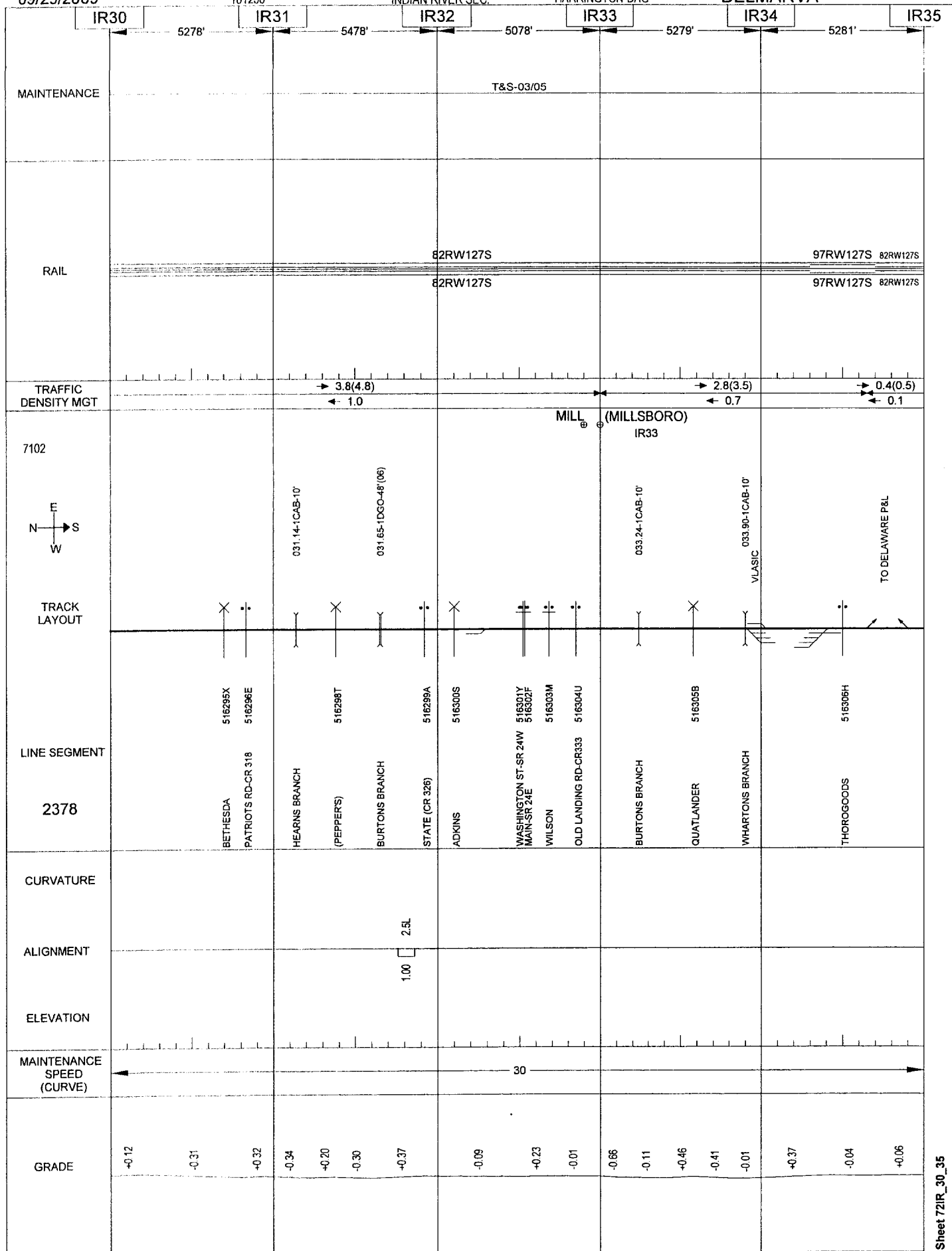
101236

407

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



General Reference Only - Not for Operational Purposes

09/29/2009

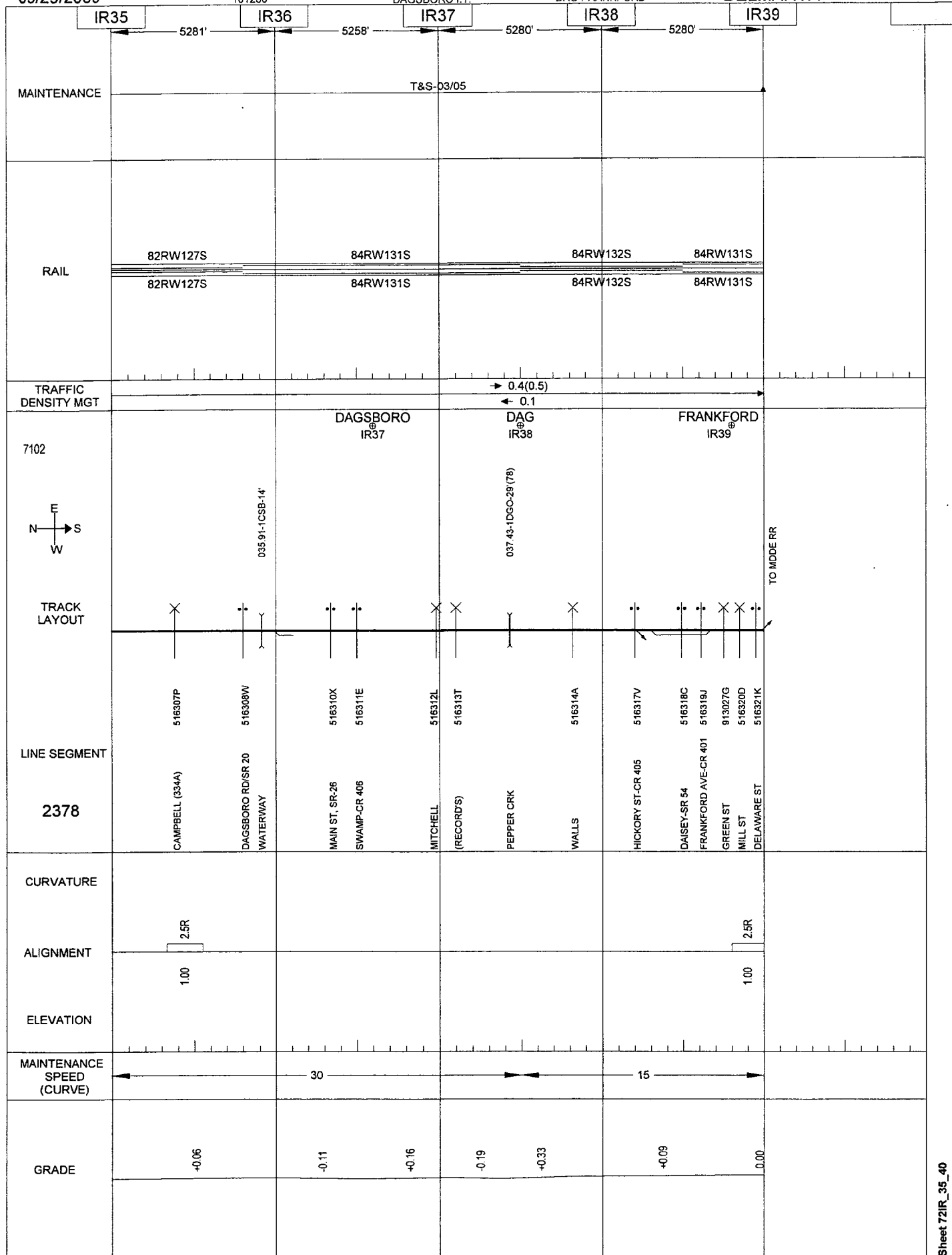
101236

408

DAGSBORO I.T.

DAG-FRANKFORD

DELMARVA



General Reference Only - Not for Operational Purposes

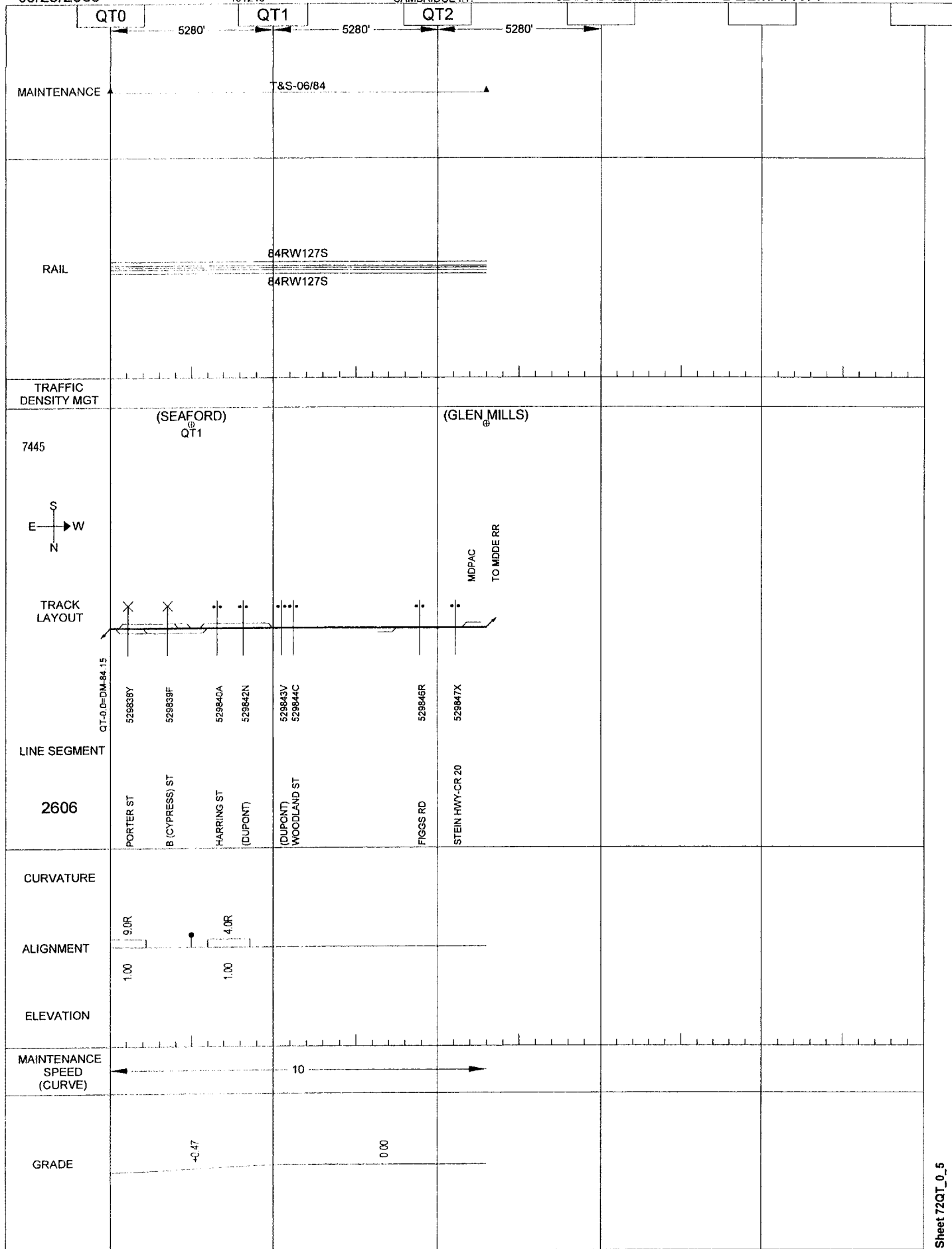
09/29/2009

101240

409
CAMBRIDGE I.T.

SEAFORD-GLEN MILLS

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72QT_0_5

09/29/2009

101239

410

MARDELLA I.T.

SALISBURY

DELMARVA

MW42

5280'

5280'

5280'

5280'

MAINTENANCE

RAIL

**RJ085S

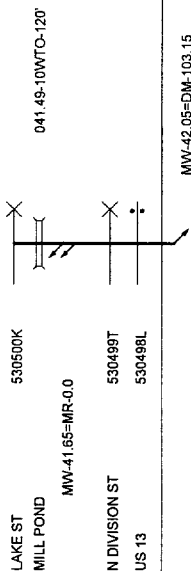
**RJ085S

TRAFFIC
DENSITY MGT

(SALISBURY)



TRACK
LAYOUT



LINE SEGMENT

2555

CURVATURE

ALIGNMENT

ELEVATION

MAINTENANCE
SPEED
(CURVE)

10

GRADE

+0.79
+0.20

General Reference Only - Not for Operational Purposes

Sheet 72MW_40_45

09/29/2009

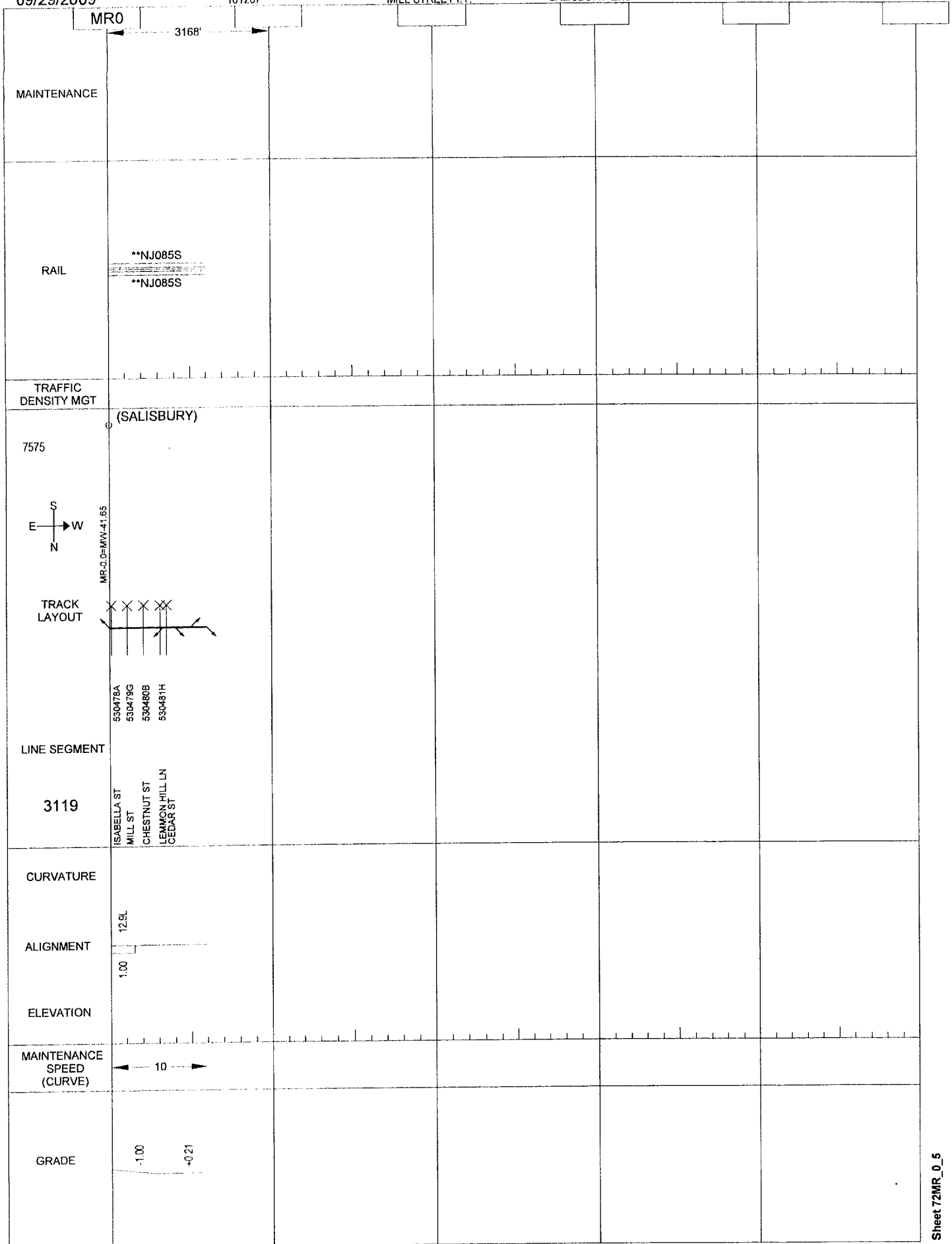
101267

411

MILL STREET I.T.

SALISBURY-END

DELMARVA



General Reference Only - Not for Operational Purposes

Sheet 72MR_0_5

09/29/2009

101239

413
WILLARDS I.T.

SALISBURY-PERDUE SIDING

DELMARVA

MW45

5280'

MAINTENANCE

T&S-06/84

RAIL

84RW130S

84RW130S

TRAFFIC
DENSITY MGT

7575



045.10

TRACK
LAYOUT



LINE SEGMENT

2555

US 13 BYPASS

CURVATURE

ALIGNMENT

1.0R

1.00

ELEVATION

MAINTENANCE
SPEED
(CURVE)

15

GRADE

0.00

General Reference Only - Not for Operational Purposes

Sheet 72MW_45_50

- 1) Date 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, and From-To Station names. (Original CR System)
- 3) Operating Division name.
- 4) Sheet number within Operating Division.

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

The T&S date is displayed above each main and the surfacing date is 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).

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) or 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).

Two asterisks (**) in the year laid area indicate an unknown rail laid date.

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. The number shown below the station name is the station code.
- 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. For open deck bridges, tie replacement dates (year) are provided in parentheses following the bridge technical specifications. Single main track with one redecking date is displayed as (XX). If two dates are available they are displayed as (XX,XX). If three or more dates are available they are displayed as a range (XX-XX) with the first year being the earliest date and the second year being the latest date. This same convention applies to multiple main tracks with the first set of () containing track 1 data, the second set of () containing track 2 data, the third set of () etc.. If page space limitations do not allow the dates to be displayed after the bridge specifications these dates are displayed in any space available adjacent to the specifications. More detailed information for all open deck bridges is provided in Table 3 which follows this Explanation of Graphic Display section.
- 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. The heavy lines represent main tracks and their crossovers and switches. The lighter weight lines represent side and other tracks. Connections with other lines are typically indicated by a milepost equation (see item 8) or the identity of the connecting line (for example, "Begin Piedmont Division" or "To CSX"). Details of this display are limited to switches on main track and adjacent track. In some cases yard track symbols are used to indicate the presence of multiple tracks too complex to show in detail. 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: Owing Road, Crossing Type, Angle, and Maintaining Road. Crossing types are:

SM	-	Solid Manganese
MI	-	Manganese Insert
RB	-	Rail Bolted
XO	-	Double Crossover
MP	-	Movable Point

- 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.
 - Milepost equations 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: The = symbol indicates that the lines connect directly and the / symbol indicates that the lines connect indirectly through a yard or side track.

Alignment Section -

- 1) Graphic representation is given for curve direction, length, and super-elevation for each main.
- 2) Curvature is specified to tenths of a degree above each main along with left/right indication. Super-elevation is specified in inches.
- 3) Location of wheel flange and top of rail lubricators is given along mains.

Maximum Authorized Speed Section

Prior to 2009 this section displayed freight train speed only. Beginning in 2009 the rail-highway train speed where defined is displayed instead of freight train speed. The System Timetable defines maximum authorized speed for freight trains as 50 mph. No conditional speed restrictions (speed restrictions that do not apply to all parts of all trains) are displayed in this section. The locations of these and other miscellaneous speed restrictions are indicated "T T SPD" (Timetable Speed) symbols in the Track Layout section.

Curve speed restrictions are shown within parentheses under the specific curves to which they apply. The speed shown in parentheses follows the same convention as described above.

Grade Section -

Grade shown is based on ascending milepost direction.

TABLE 1
RAIL TYPE 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

TABLE 3
OPEN DECK BRIDGE INFORMATION

<u>PAGE</u>	<u>MILE POST</u>	<u>BRIDGE NUMBER</u>	<u>TRACK</u>	<u>YEAR REDECKED</u>
72	000.27-DG	000.27	01	1976
29	AF-006.11	006.15	01	2001
29	AF-006.11	006.15	02	2001
30	AF-011.35	011.35	BOTH	1991
82	AV-104.06	104.06	01	1987
307	BR-003.53	003.53	01	1981
125	BR-134.48	134.48	01	1998
126	BR-136.11	136.16	01	1985
126	BR-138.15	138.17	01	1998
127	BR-142.04	142.08	01	2008
127	BR-142.76	142.78	01	1990
128	BR-148.11	148.13	01	1990
129	BR-151.40	151.42	01	1998
129	BR-153.92	154.00	01	1976
131	BR-160.21	160.23	01	1976
136	BR-188.49	188.49	01	2001
136	BR-189.75	189.97	01	1976
138	BR-198.19	198.19	01	1976
147	BR-240.89	240.89	01	1976
147	BR-244.28	244.28	01	2001
148	BR-246.22	246.22	01	2004
155	BR-284.93	284.97	01	2003
238	BV-000.14	000.14	01	1990
238	BV-003.29	003.29	01	1994
305	BX-001.06	001.06	01	2001
305	BX-002.09	002.09	01	NA
305	BX-003.73	003.73	01	2001
305	BX-004.56	004.56	01	2001
305	BX-004.70	004.70	01	2001
305	BX-004.72	004.72	01	2001
67	DG-000.04	000.04	01	2007
382	DM-044.43	044.43	01	2003
382	DM-044.75	044.75	01	2001
386	DM-060.71	060.71	01	1998
390	DM-084.35	084.35	01	1999
392	DM-090.26	090.26	01	1992
394	DM-103.63	103.63	01	1984
399	DM-128.10	127.81	01	1984
43	EI-009.07	009.07	01	2001
43	EI-009.75	009.75	01	1980
209	EP-046.23	046.43	01	NA
209	EP-046.23	046.43	02	2008
210	EP-051.61	051.61	BOTH	2003
			BOTH	1995
213	EP-069.27	069.27	BOTH	1981
81	ER-086.62	086.62	01	1970
46	FJ-009.28	009.28	01	2001
374	FK-003.16	003.12	01	1997
190	GG-000.15	000.15	01	1970
327	GL-018.98	018.98	01	2007
327	GL-019.13	019.13	01	1990
328	GL-021.77	021.77	01	2007
328	GL-022.40	022.41	01	1973
331	GL-035.16	035.15	01	1985
331	GL-035.29	035.29	01	1990
332	GL-041.51	041.59	01	1977

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334	GL-051.53	051.59	01	1983
336	GL-060.09	060.09	01	1983
336	GL-064.68	064.70	01	1982
337	GL-065.68	065.70	01	1982
27	GV-012.45	012.15	01	1989
27	GV-012.51	012.21	01	1969
364	HE-001.98	001.98	01	2008
364	HE-003.21	003.21	01	NA
248	HI-003.92	003.92	01	1970
124	HJ-000.50	000.50	01	1994
124	HJ-001.00	001.00	01	1994
124	HJ-001.06	001.06	01	1988
124	HJ-001.08	001.08	01	1988
112	HN-017.45	017.50	01	1981
112	HN-017.76	017.86	01	1983
1	HP-005.67	005.67	BOTH	1983
8	HP-041.12	041.12	BOTH	1983
21	HP-109.64	109.64	BOTH	1990
175	HW-041.04	041.14	01	1976
402	IR-008.18	008.18	01	2007
404	IR-019.20	019.20	01	2005
405	IR-020.72	020.72	01	1997
407	IR-031.65	031.65	01	2006
408	IR-037.43	037.43	01	1978
312	IS-272.18	272.20	01	1983
314	IS-281.71	281.71	01	1999
315	IS-285.88	285.88	01	2008
315	IS-288.18	288.18	01	2001
315	IS-288.22	288.22	01	1982
315	IS-289.61	289.61	01	1982
316	IS-292.67	292.62	01	1990
317	IS-296.74	296.76	01	1983
317	IS-298.21	298.21	01	1982
317	IS-299.58	299.60	01	1981
318	IS-301.84	301.84	01	1980
318	IS-303.65	303.69	01	1983
318	IS-303.87	303.91	01	1982
318	IS-304.61	304.63	01	1990
318	IS-304.94	304.94	01	1985
319	IS-306.04	305.98	01	NA
319	IS-306.83	306.83	01	1983
319	IS-306.95	306.96	01	1989
319	IS-307.98	307.98	01	1981
319	IS-308.31	308.27	01	1982
319	IS-309.44	309.44	01	1985
319	IS-309.77	309.72	01	1993
320	IS-310.20	310.16	01	1981
320	IS-310.24	310.19	01	1993
320	IS-312.62	312.52	01	1992
320	IS-313.42	313.38	01	2000
320	IS-314.26	314.22	01	1981
320	IS-314.84	314.83	01	1982
322	IS-320.87	320.87	01	NA
68	JV-072.47	072.47	01	1970
98	JW-146.23	146.23	01	1970
83	LB-084.24	084.24	01	1970
84	LB-089.15	089.15	01	1976
85	LB-090.15	090.15	01	1976
85	LB-091.94	091.96	01	2005
85	LB-092.35	092.35	01	1976
85	LB-093.01	093.03	01	2006

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85	LB-093.49	093.49	01	2008
85	LB-094.50	094.50	01	2005
88	LB-107.53	107.53	01	1976
89	LB-112.15	112.15	01	2005
89	LB-112.80	112.80	01	2003
89	LB-114.28	114.28	01	1986
49	LE-044.17	044.24	01	2004
51	LE-051.52	051.52	01	2003
51	LE-053.68	053.72	01	2007
52	LE-057.11	057.10	01	1999
52	LE-057.17	057.17	01	1999
52	LE-057.92	057.89	01	1976
52	LE-058.00	057.97	01	1981
56	LE-076.60	076.65	01	1976
56	LE-076.82	076.78	01	1976
56	LE-079.43	079.43	BOTH	1982
58	LE-086.03	086.03	01	1995
58	LE-086.03	086.03	02	2005
58	LE-088.69	088.74	01	1998
58	LE-088.79	088.80	01	1983
58	LE-088.81	088.86	01	2002
168	LG-010.31	010.31	01	2004
168	LG-010.39	010.39	01	2004
169	LG-015.54	015.54	01	2008
169	LG-019.39	019.29	01	2002
169	LG-019.46	019.36	01	1994
170	LG-021.35	021.34	01	2002
170	LG-021.70	021.70	01	1976
170	LG-021.87	021.87	01	2002
171	LG-025.05	025.05	01	2008
171	LG-028.37	028.37	01	2005
172	LG-033.01	033.03	01	1996
174	LG-040.87	040.87	01	1970
91	LH-121.37	121.46	01	1982
91	LH-121.37	121.46	02	2006
194	LI-001.80	001.80	01	2006
195	LI-008.39	007.71	01	2001
195	LI-009.06	009.06	01	2001
343	LX-005.79	005.79	01	1996
343	LX-008.92	008.92	01	1999
343	LX-009.36	009.36	01	1986
344	LX-012.01	012.01	01	1983
344	LX-012.18	012.18	01	1992
344	LX-014.09	014.09	01	1984
345	LX-016.72	016.72	01	1984
345	LX-017.15	017.15	01	1984
345	LX-018.59	018.59	01	1984
345	LX-018.93	018.93	01	1981
345	LX-019.31	019.31	01	1999
345	LX-019.60	019.60	01	1986
345	LX-019.91	019.91	01	1984
106	MV-021.80	021.99	01	2002
106	MV-024.01	024.18	01	NA
339	MX-000.60	000.60	01	NA
242	NK-010.18	010.18	01	2007
242	NK-012.42	012.42	01	1976
242	NK-013.02	013.02	01	1976
66	OR-080.53	080.53	01	NA
235	OV-000.60	000.60	01	1991
198	PD-001.29	001.29	01	2003
198	PD-003.63	003.63	01	2005

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204	PD-032.96	032.99	01	1990
204	PD-033.00	033.06	01	1988
205	PD-038.98	039.03	BOTH	1988
61	PO-000.28	000.35	01	1990
			01	1980
61	PO-001.16	001.19	01	1984
61	PO-002.87	002.96	01	2006
61	PO-004.18	004.18	01	1983
61	PO-004.65	004.65	01	1976
62	PO-005.53	005.66	01	1983
62	PO-007.26	007.19	01	1983
62	PO-007.47	007.40	01	2005
62	PO-008.52	008.48	01	1988
62	PO-009.24	009.15	01	1986
62	PO-009.58	009.49	01	1986
62	PO-009.78	009.69	01	1987
63	PO-011.38	011.31	01	1976
63	PO-013.62	013.51	01	1984
65	PO-021.12	020.98	01	1988
116	PX-000.62	000.62	01	1992
116	PX-000.79	000.79	01	1956
70	QE-064.76	064.76	01	1984
70	QE-064.98	064.98	01	1970
94	QH-002.75	002.75	01	1986
95	QH-007.10	007.07	01	1987
96	QH-010.32	010.32	01	1988
96	QH-010.70	010.70	01	1988
359	QM-000.59	000.59	01	1985
35	RV-024.81	024.81	01	NA
35	RV-024.81	024.81	02	2003
38	RV-035.43	035.37	BOTH	2000
38	RV-035.68	035.62	01	2005
38	RV-035.68	035.62	02	2000
38	RV-035.84	035.71	BOTH	2004
38	RV-035.86	035.73	BOTH	2004
75	SE-000.67	000.64	01	1982
75	SE-001.03	001.08	01	1970
75	SE-002.41	002.52	01	1986
75	SE-004.85	004.89	01	1986
76	SE-005.02	005.02	01	1986
76	SE-005.23	005.26	01	1985
76	SE-005.67	005.69	01	1986
76	SE-006.15	006.18	01	1988
76	SE-007.45	007.47	01	1988
76	SE-007.66	007.68	01	1986
76	SE-009.17	009.27	01	1985
76	SE-009.72	009.74	01	1981
76	SE-009.95	009.95	01	1985
77	SE-010.27	010.31	01	1981
77	SE-011.46	011.46	01	1985
77	SE-011.54	011.54	01	1985
77	SE-014.60	014.62	01	1988
78	SE-018.02	018.02	01	1970
78	SE-019.15	019.18	01	1988
183	SI-009.18	009.21	01	1991
183	SI-009.51	009.55	01	1991
185	SI-017.79	017.79	01	1968
262	SR-214.15	214.15	01	1988
262	SR-214.15	214.15	02	1992
263	SR-217.80	217.80	BOTH	1986
263	SR-217.99	217.99	BOTH	2008

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263	SR-218.76	218.76	BOTH	2008
264	SR-224.18	224.18	01	2005
264	SR-224.18	224.18	02	1996
266	SR-233.32	233.32	01	2005
266	SR-233.32	233.32	02	1979
267	SR-236.71	236.71	01	1977
267	SR-236.71	236.71	02	1989
267	SR-236.86	236.86	01	1983
267	SR-236.86	236.86	02	1988
267	SR-238.31	238.31	01	2003
267	SR-238.31	238.31	02	2003
268	SR-241.53	241.53	BOTH	2001
269	SR-247.18	247.18	01	1989
269	SR-247.18	247.18	02	1990
269	SR-248.20	248.20	01	1988
269	SR-248.20	248.20	02	2008
270	SR-252.00	252.00	01	1999
270	SR-252.00	252.00	02	1986
270	SR-254.17	254.17	01	1999
270	SR-254.17	254.17	02	1994
270	SR-254.20	254.21	01	1988
270	SR-254.20	254.21	02	1983
270	SR-254.36	254.36	01	1999
270	SR-254.36	254.36	02	2008
271	SR-255.30	255.30	01	2007
271	SR-257.39	257.39	01	1987
271	SR-258.06	258.05	01	2003
271	SR-258.70	258.70	01	2007
271	SR-258.93	258.93	01	1980
272	SR-261.03	261.04	01	1981
273	SR-266.09	266.09	01	2004
273	SR-269.31	269.31	01	1980
274	SR-272.20	272.20	01	2005
274	SR-273.99	273.99	01	2007
276	SR-281.10	281.10	01	1995
276	SR-282.33	282.33	01	1980
276	SR-282.37	282.37	01	1980
276	SR-282.83	282.83	01	2005
276	SR-283.18	283.11	01	1985
276	SR-283.43	283.43	01	2005
279	SR-298.15	298.15	01	1984
279	SR-299.02	299.02	01	1987
279	SR-299.59	299.59	01	1998
282	SR-310.08	310.08	01	1992
284	SR-324.90	324.90	01	1986
285	SR-328.18	328.18	01	1998
286	SR-330.66	330.66	01	2008
286	SR-332.00	332.02	01	2004
287	SR-335.04	335.05	01	1985
288	SR-343.49	343.49	01	2004
288	SR-343.99	343.99	01	2006
289	SR-345.29	345.29	01	2001
289	SR-347.70	347.70	01	1987
289	SR-348.58	348.58	01	1984
289	SR-349.86	349.86	01	1984
290	SR-350.45	350.53	01	1980
292	SR-361.58	361.66	01	1983
296	SR-381.47	381.47	01	1986
298	SR-392.78	392.78	01	1998
298	SR-392.83	392.83	01	2000
302	SR-413.93	413.93	01	2007

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303	SR-415.52	415.52	01	2003
164	SV-000.09	000.09	01	1976
164	SV-000.40	000.40	01	1976
165	SV-006.42	006.42	01	1976
99	TH-146.79	146.79	01	1988
99	TH-147.09	147.09	01	1988
99	TH-148.08	148.08	01	1988
99	TH-149.42	149.42	01	1988
253	TO-019.73	019.73	01	NA
187	UH-007.80	007.80	01	1987
114	VE-000.07	000.07	01	1991
114	VE-000.47	000.47	01	NA
114	VE-000.77	000.77	01	1991
233	VI-001.41	001.41	01	1970
73	VM-061.01	061.01	01	1970
74	VM-065.74	065.74	01	1970
356	VT-195.39	195.39	01	2001
80	VY-000.17	000.17	01	1970
255	WD-059.64	059.64	01	1986
256	WD-061.49	061.49	01	1984
259	WD-075.49	075.49	01	NA
259	WD-079.75	079.75	01	1984
161	WH-001.11	001.11	01	1976
161	WH-003.25	003.25	01	1976
161	WH-004.19	004.19	01	2007
161	WH-004.74	004.74	01	2001
162	WH-005.37	005.37	01	1992
162	WH-006.42	006.42	01	1989
162	WH-008.23	008.23	01	1991
162	WH-008.60	008.60	01	2001
163	WH-010.73	010.73	01	1988
163	WH-011.20	011.20	01	1982
163	WH-013.56	013.56	01	1988
367	WO-002.33	002.36	01	2008
373	YI-000.42	000.42	01	1978
232	YR-010.13	010.13	01	1976
229	YX-008.53	008.53	01	1976