



Harrisburg Division

Includes

**Delmarva Business Unit
(DMBU)**

2006

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 Engineering D&C data file and (2) the corporate track database (CTRK).

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:

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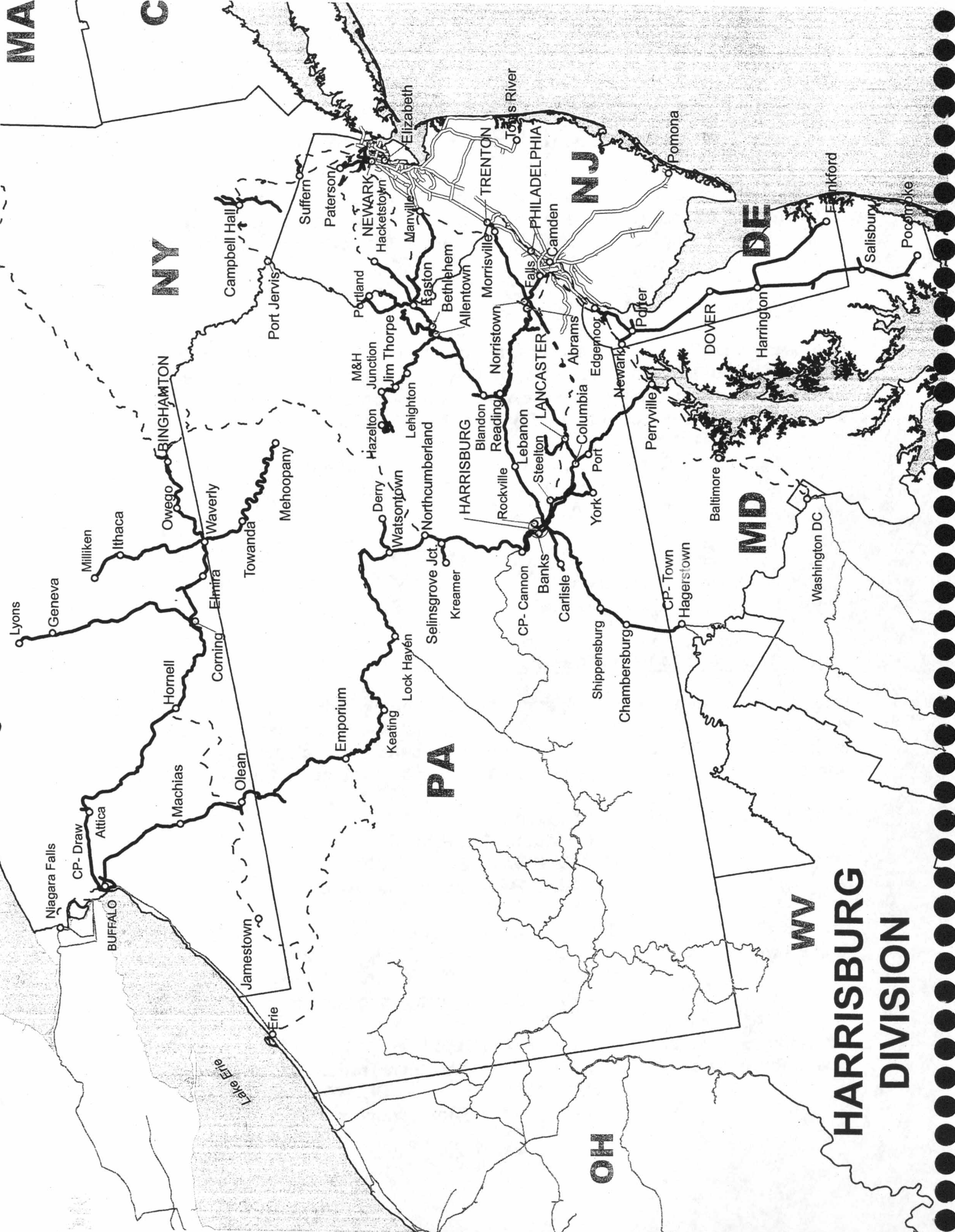
Information related to rail, T&S, surfacing, curves, elevation, speeds, and, speed restrictions is obtained from the CTRK database. Various departments own and maintain these files. Questions or information concerning changes, corrections, additions, or deletions to these records should be directed as follows:

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Speed Restrictions:**

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WAGO-YORK	YX- 002.40 - 012.50	YORK SEC.	260

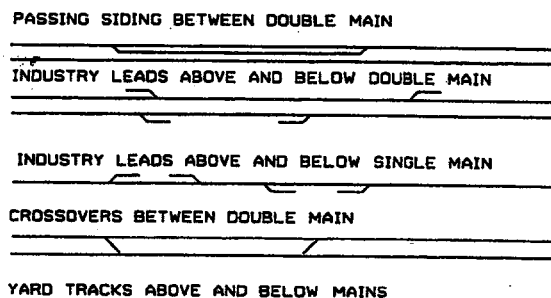
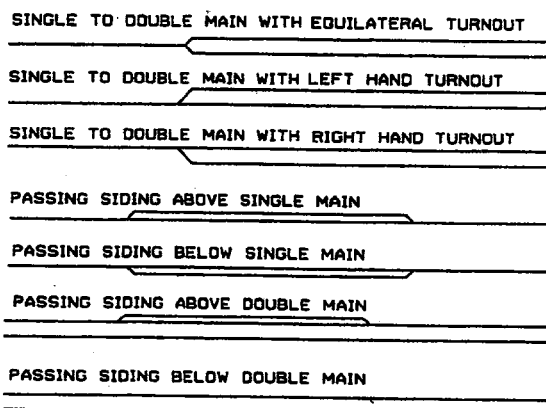
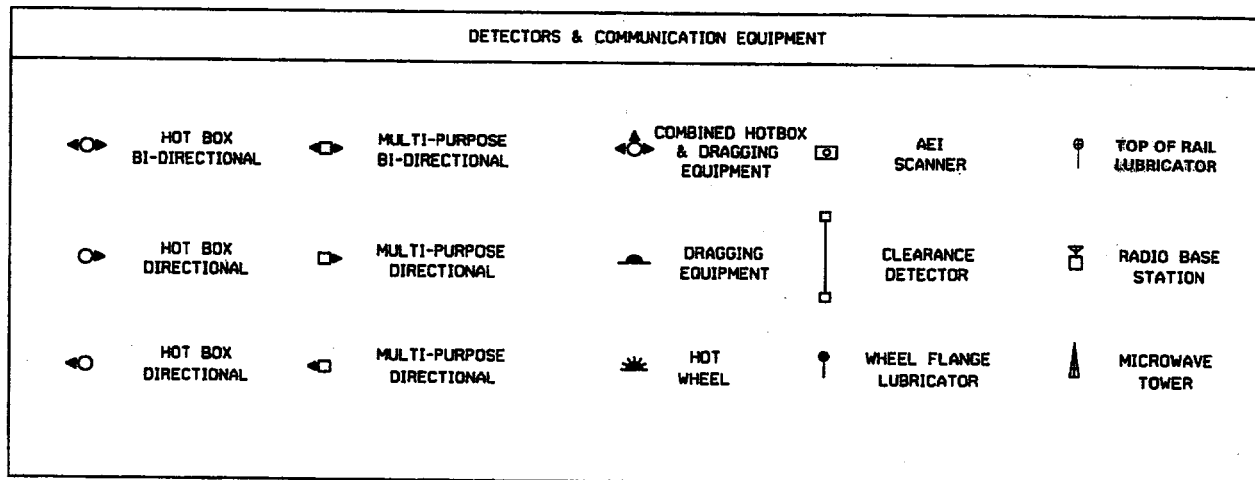
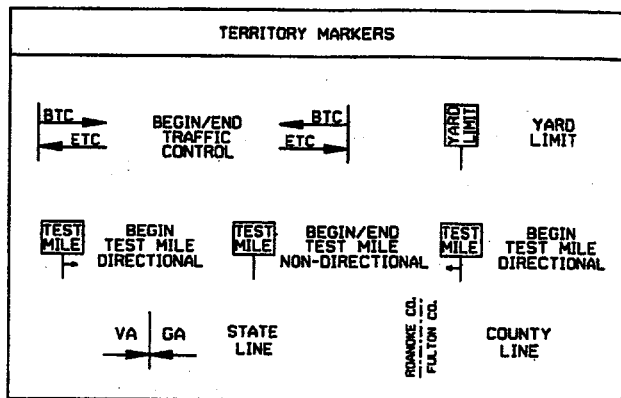
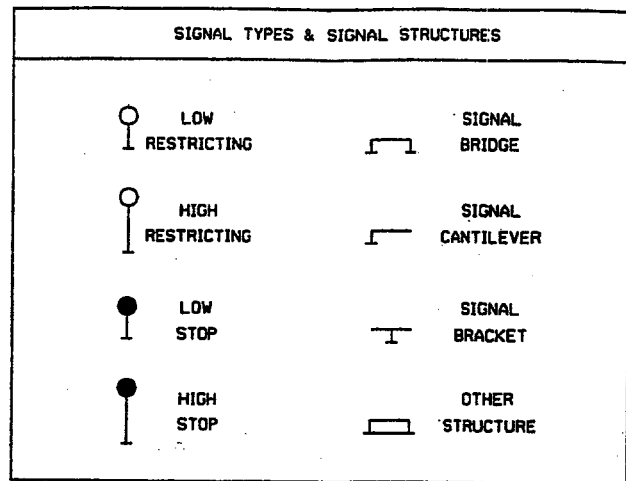
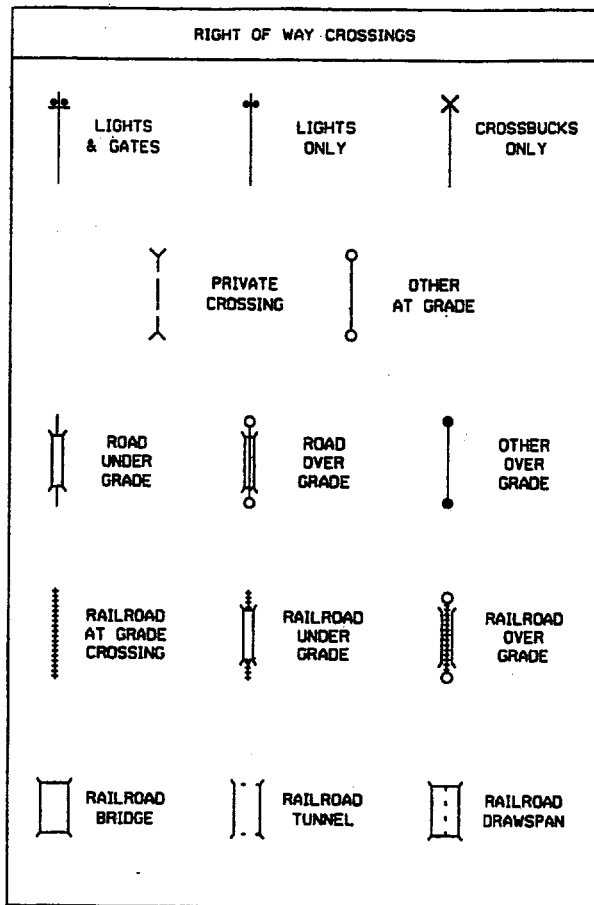
HARRISBURG DIVISION

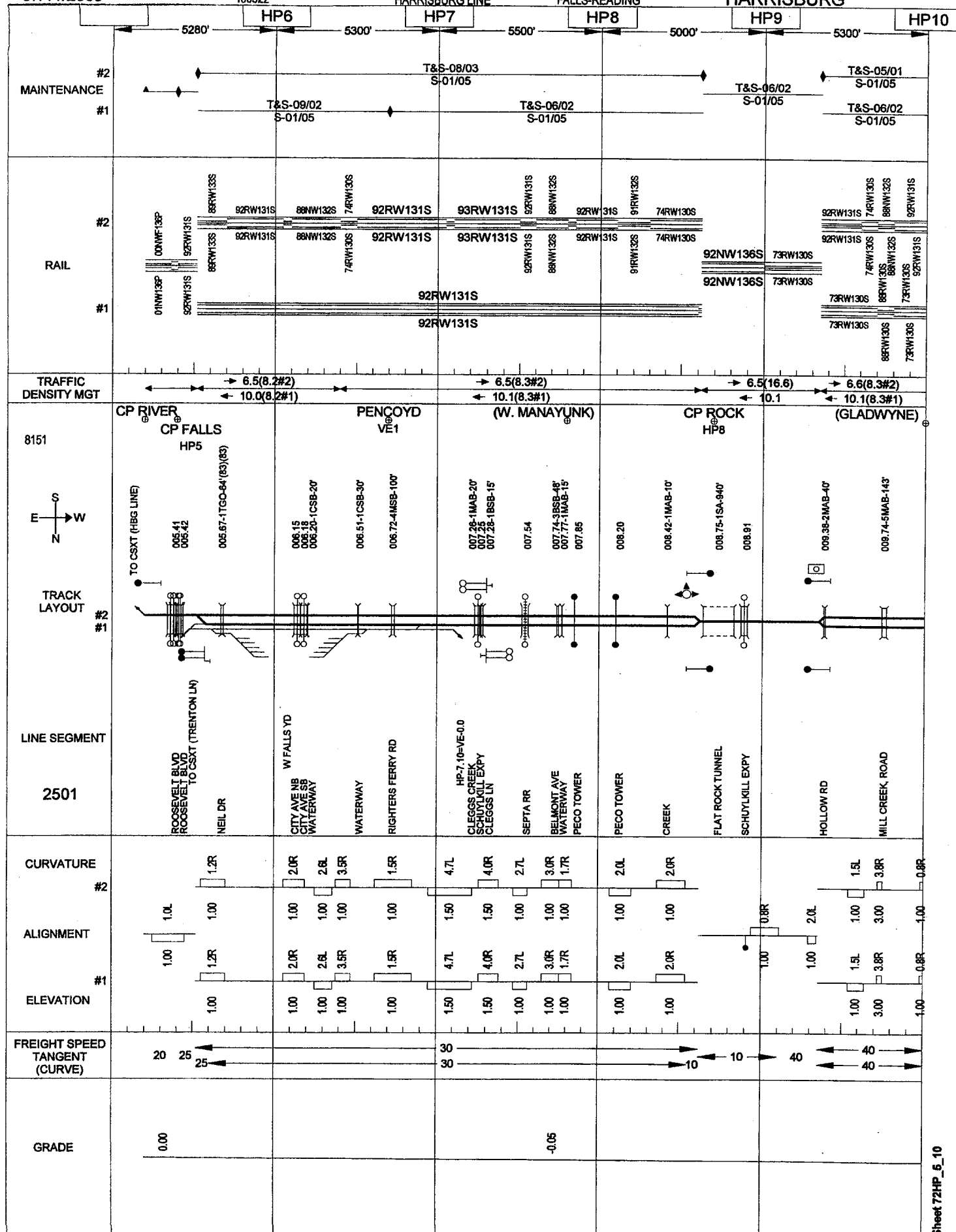
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TRACK CHART SYMBOL LEGEND





07/11/2006

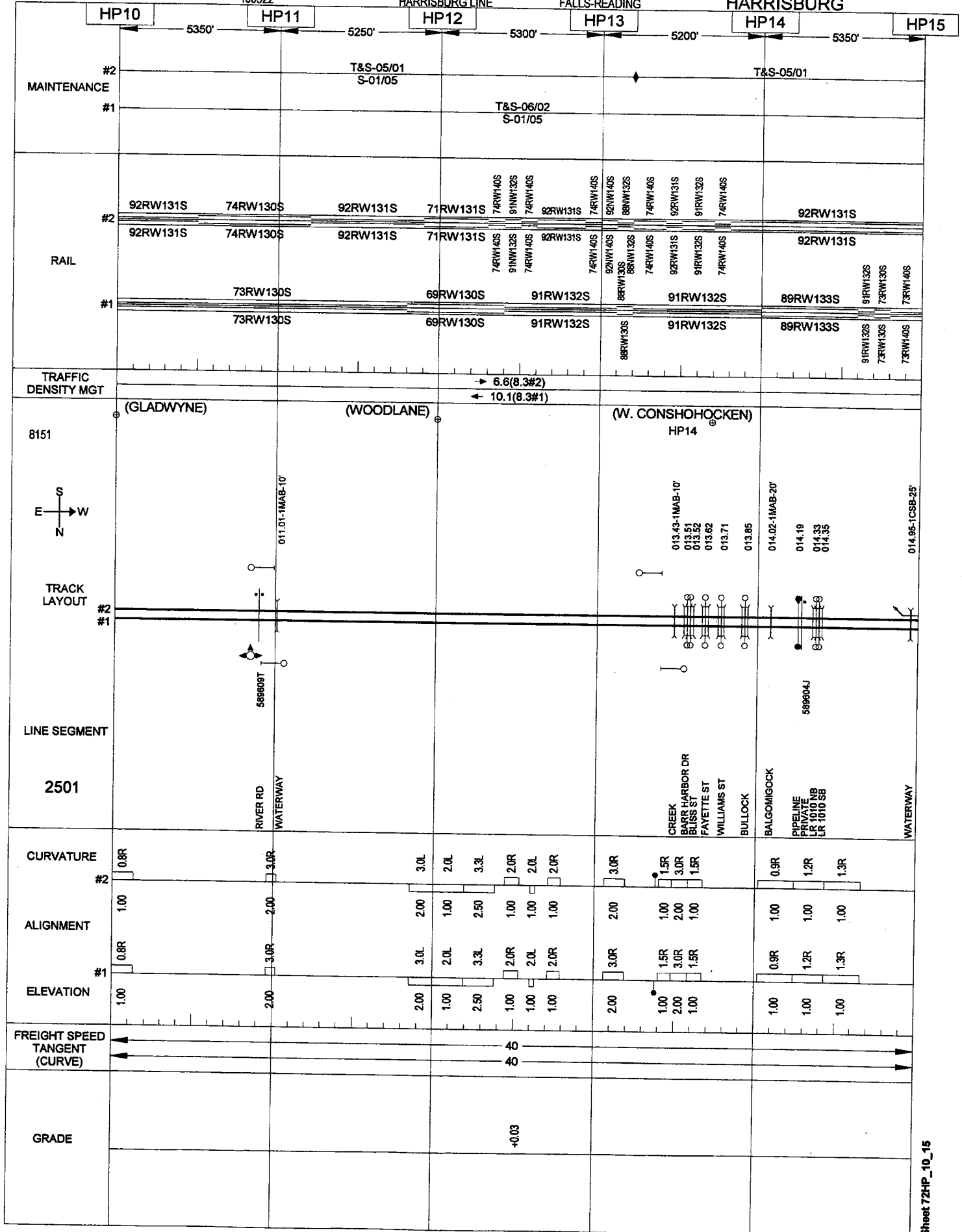
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002

HARRISBURG LINE

FALLS-READING

HARRISBURG



07/11/2006

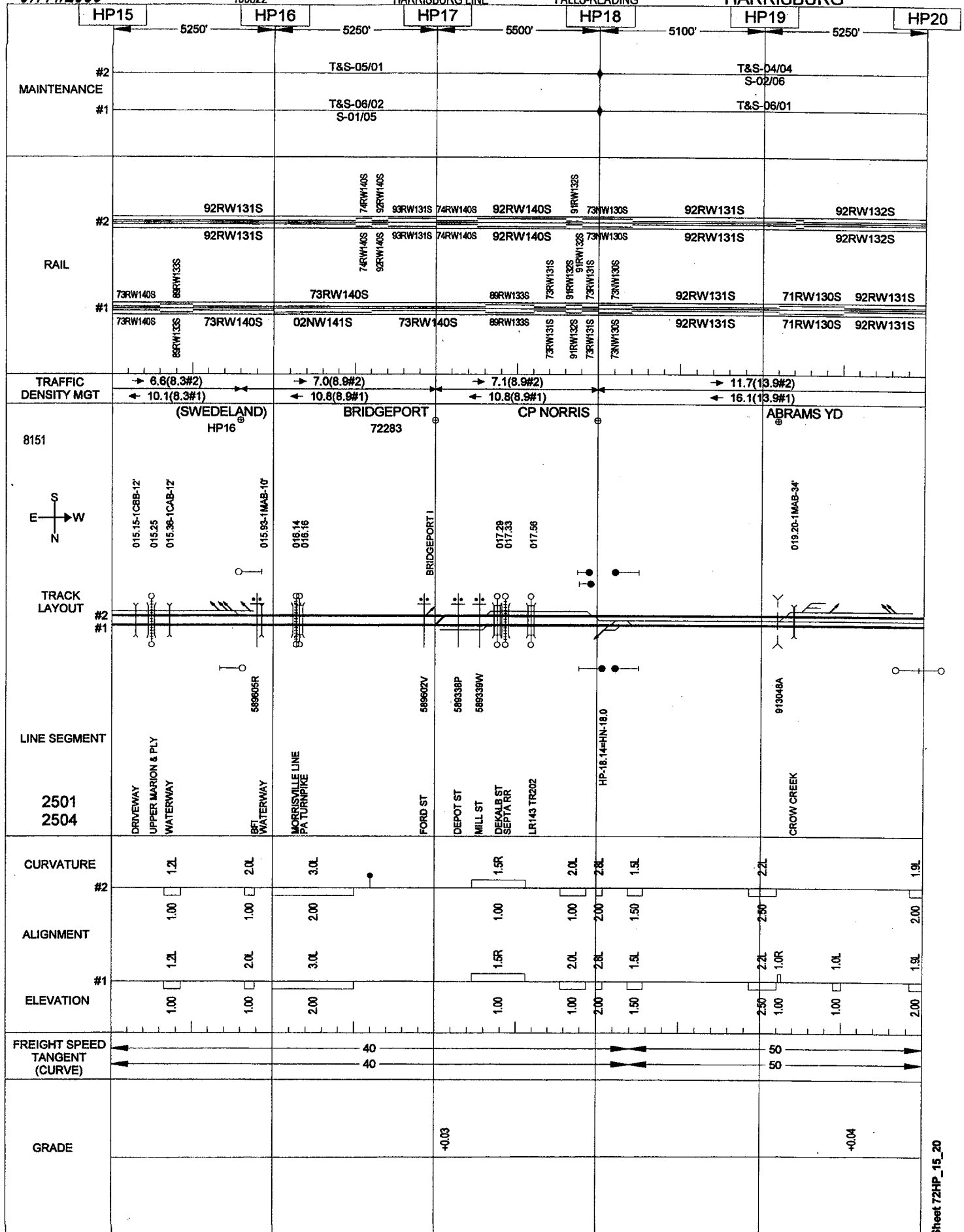
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003

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FALLS-READING

HARRISBURG



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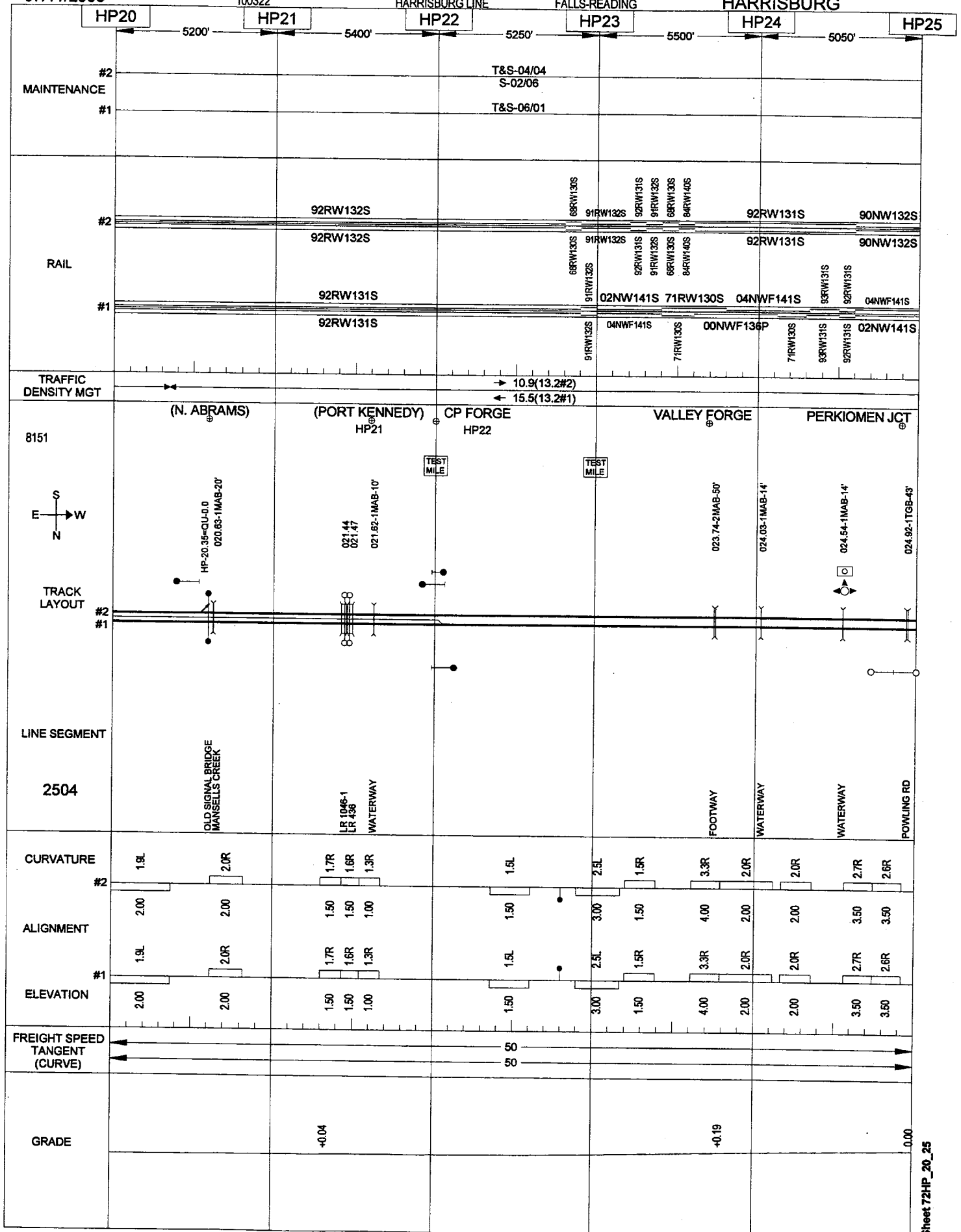
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004

HARRISBURG LINE

FALLS-READING

HARRISBURG



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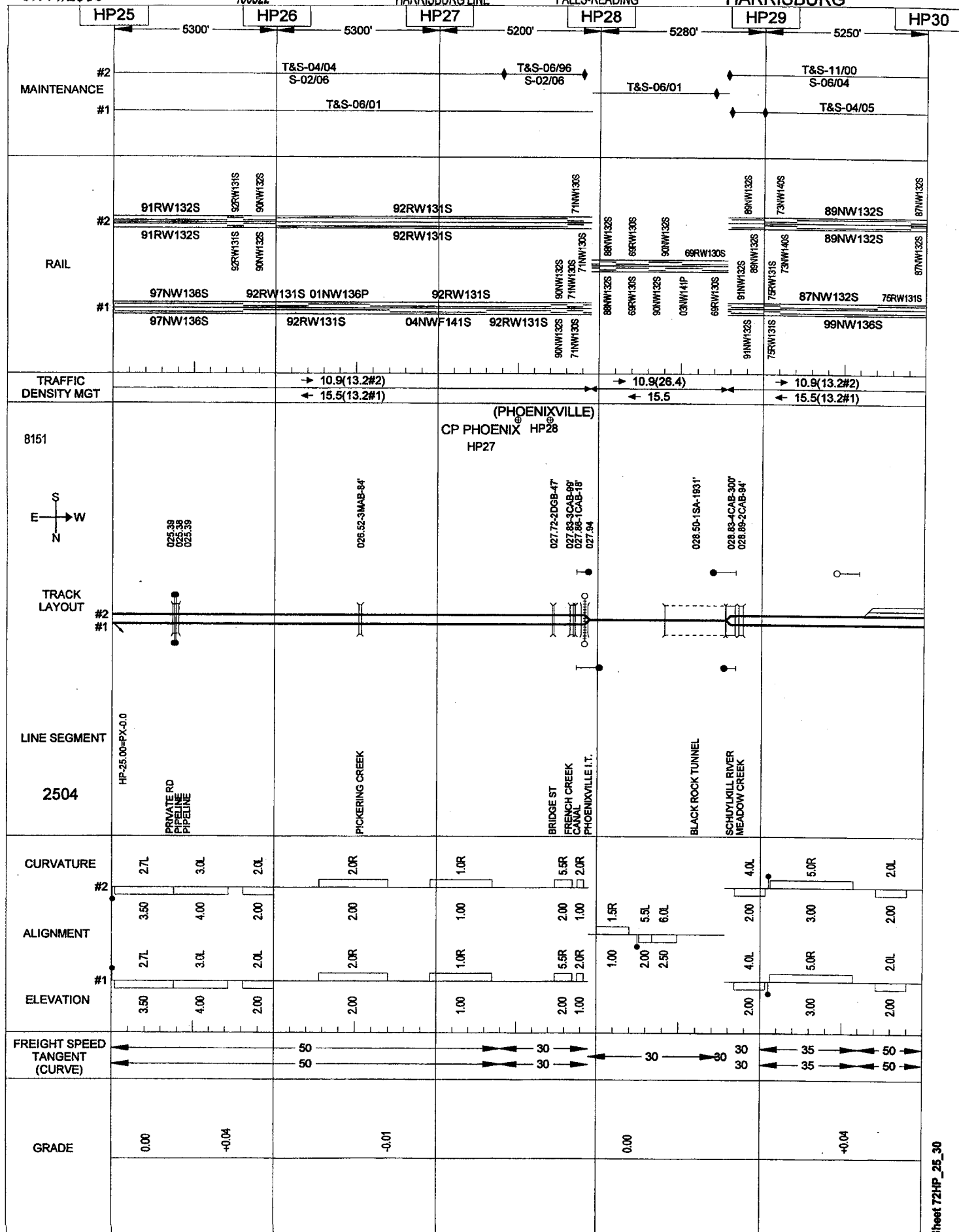
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HARRISBURG LINE

FALLS-READING

HARRISBURG



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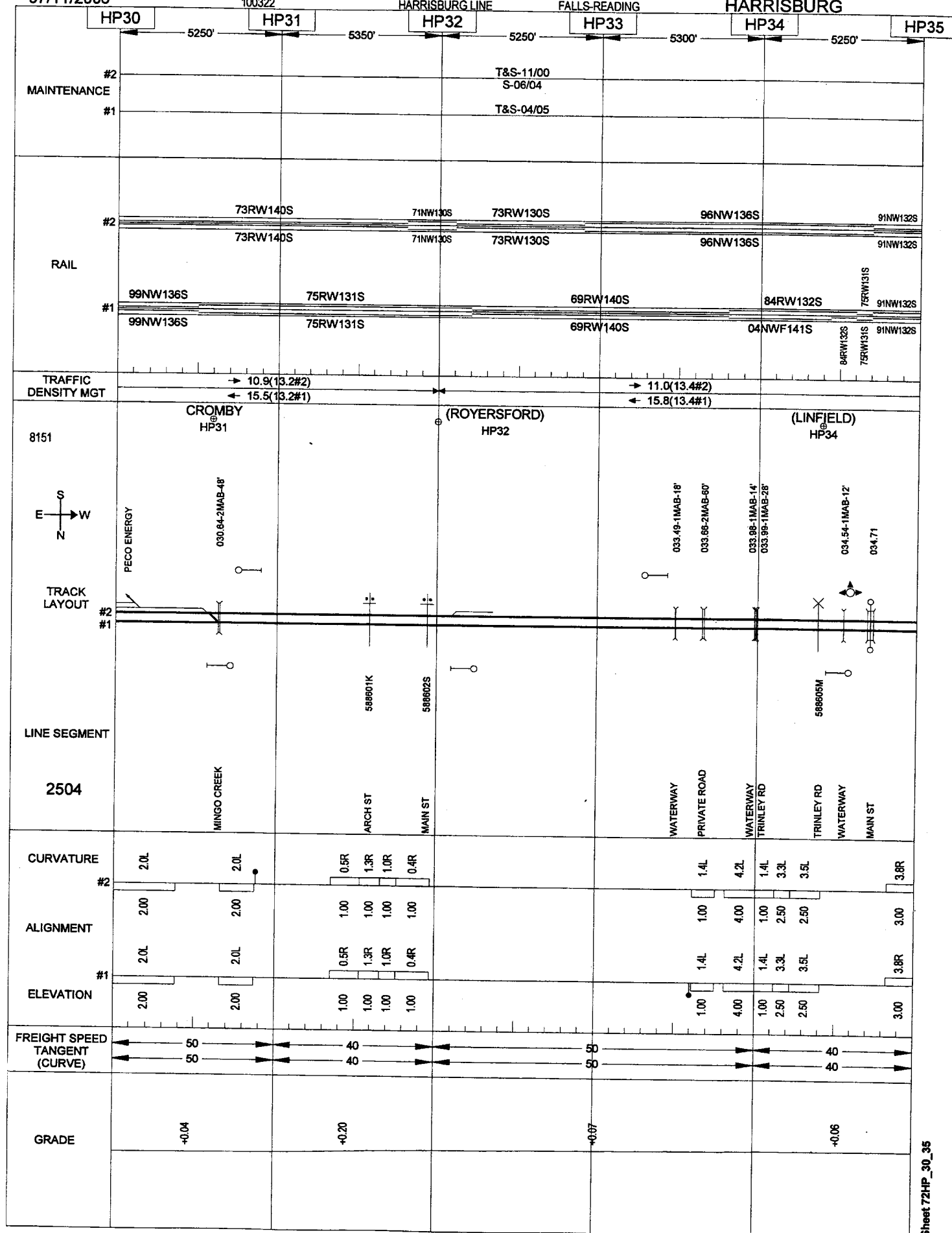
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FALLS-READING

HARRISBURG



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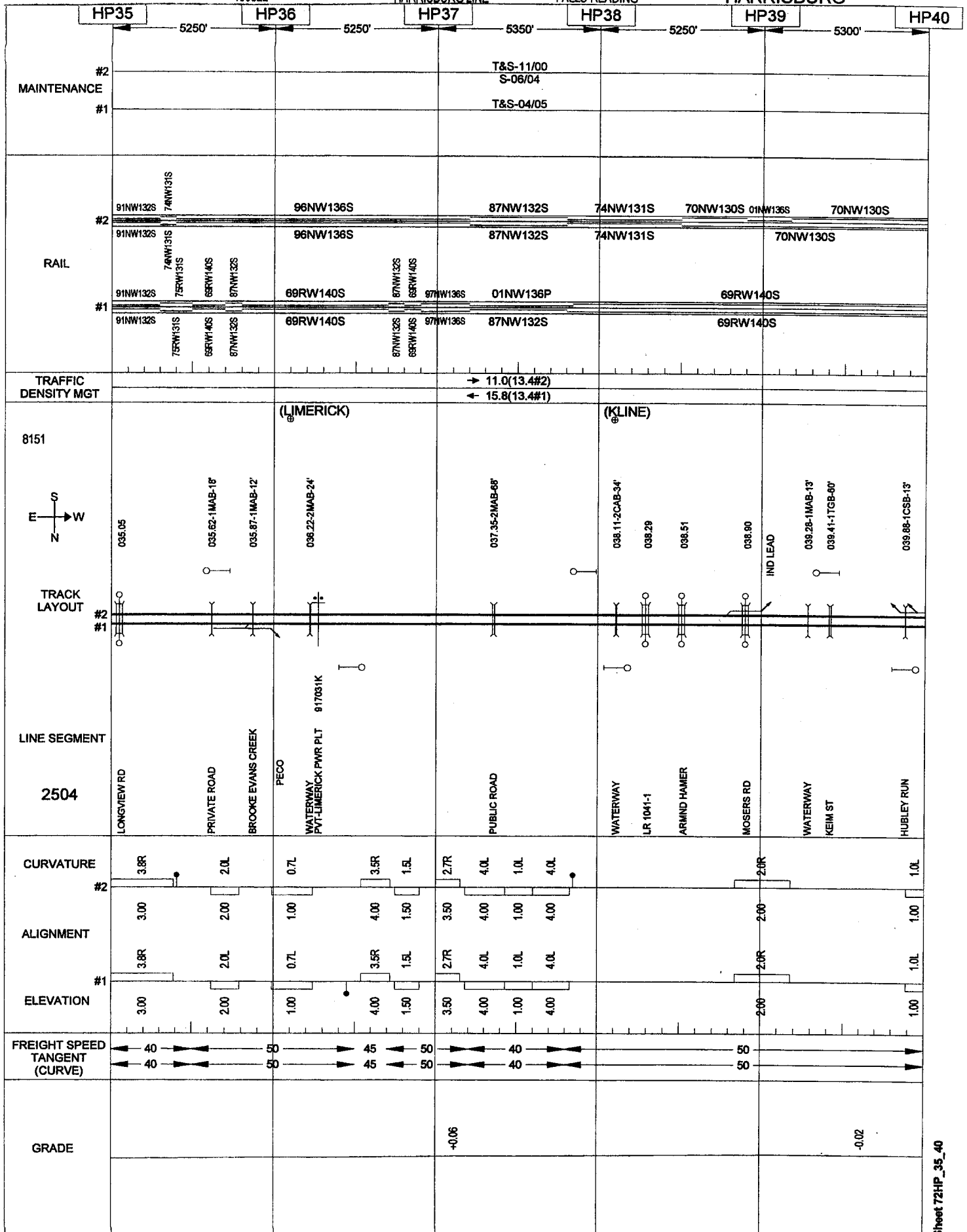
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007

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FALLS-READING

HARRISBURG



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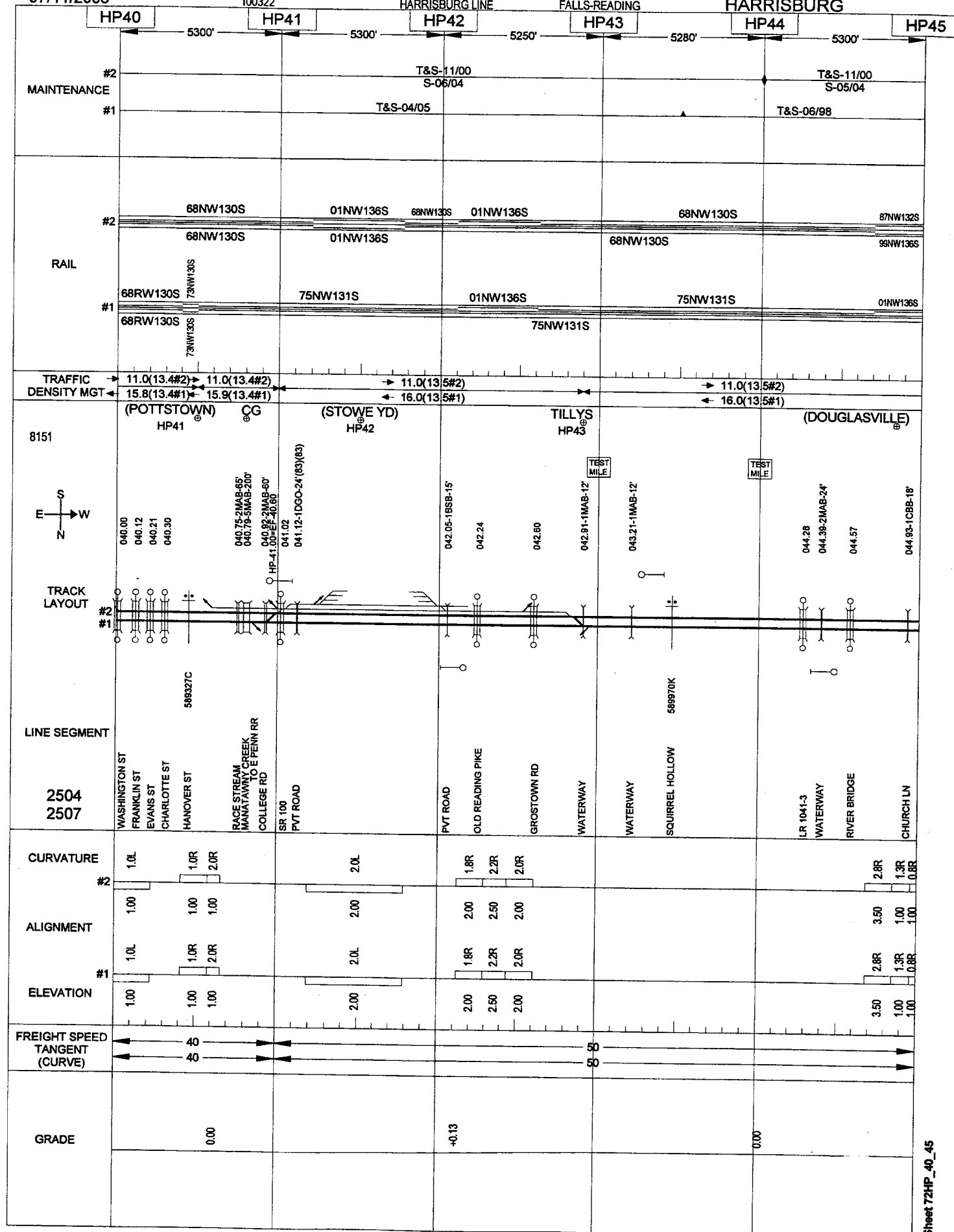
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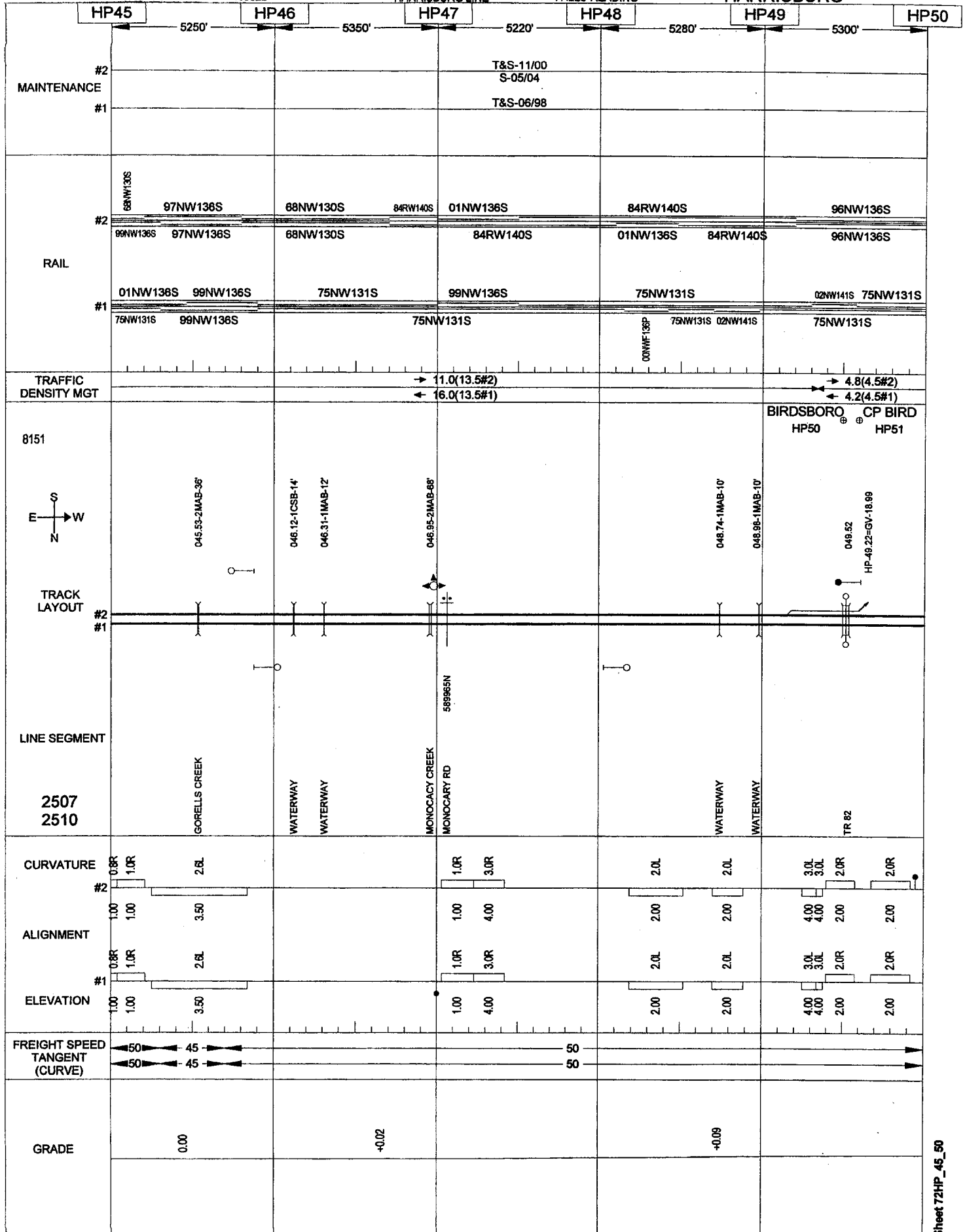
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FALLS-READING

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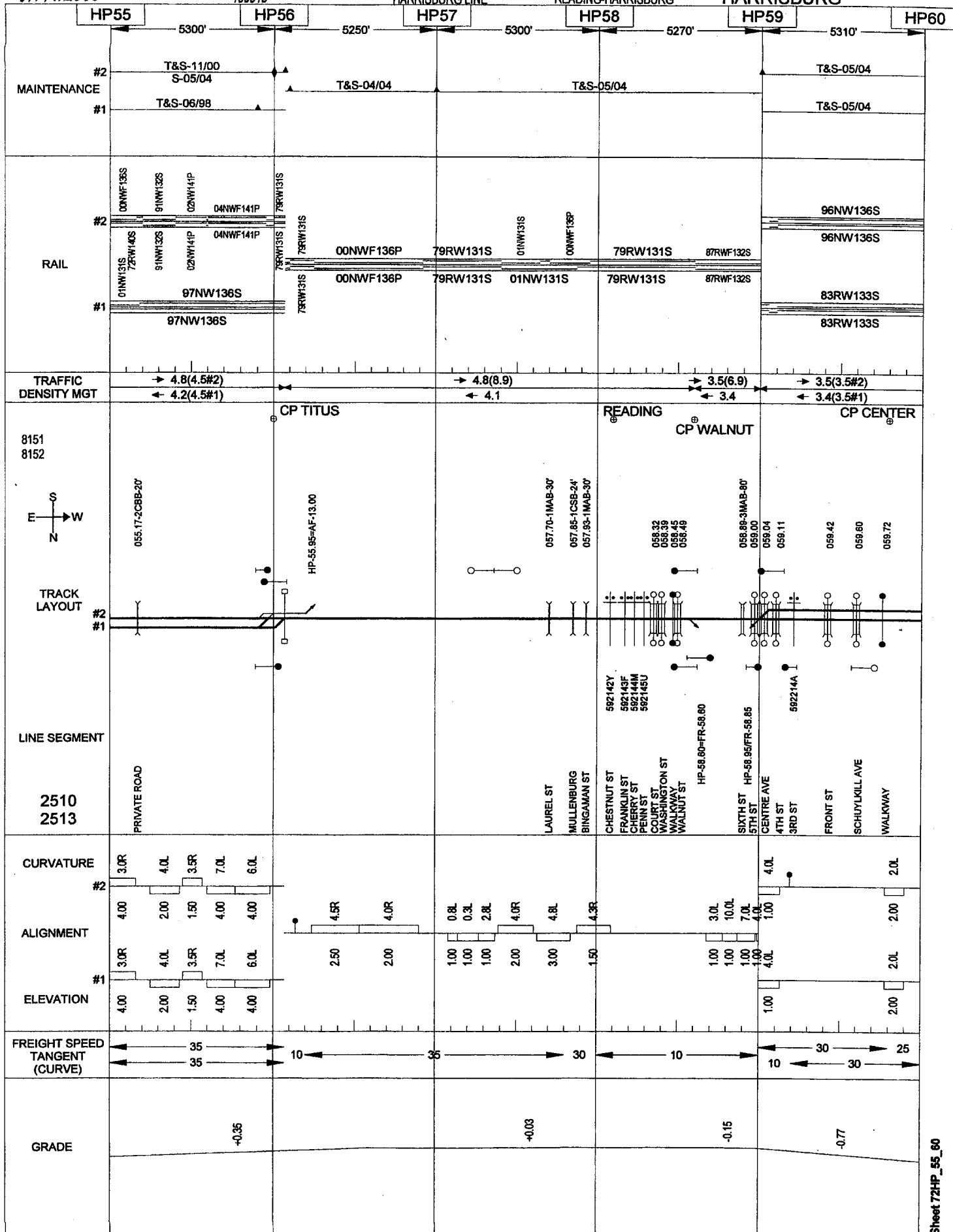
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011

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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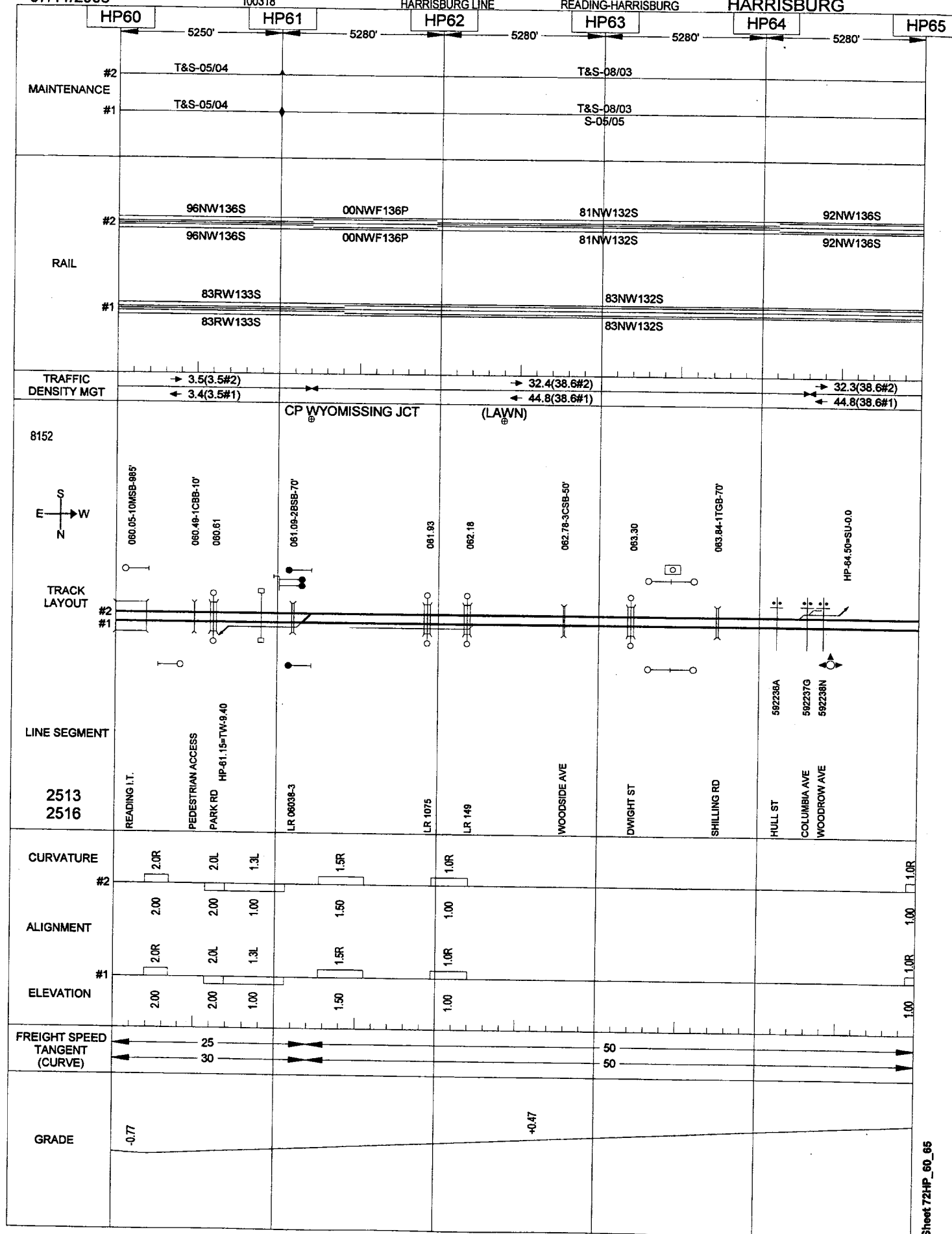
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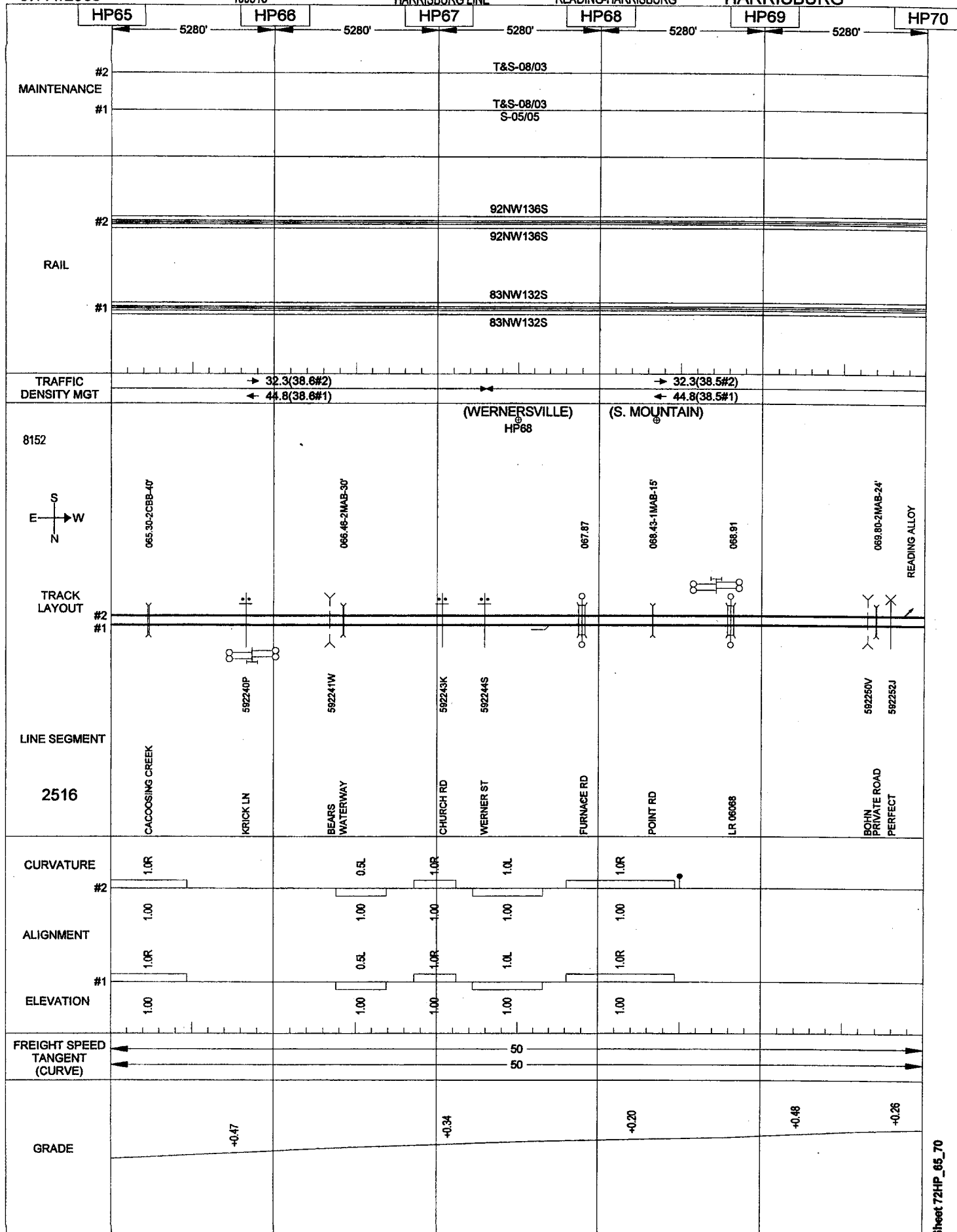
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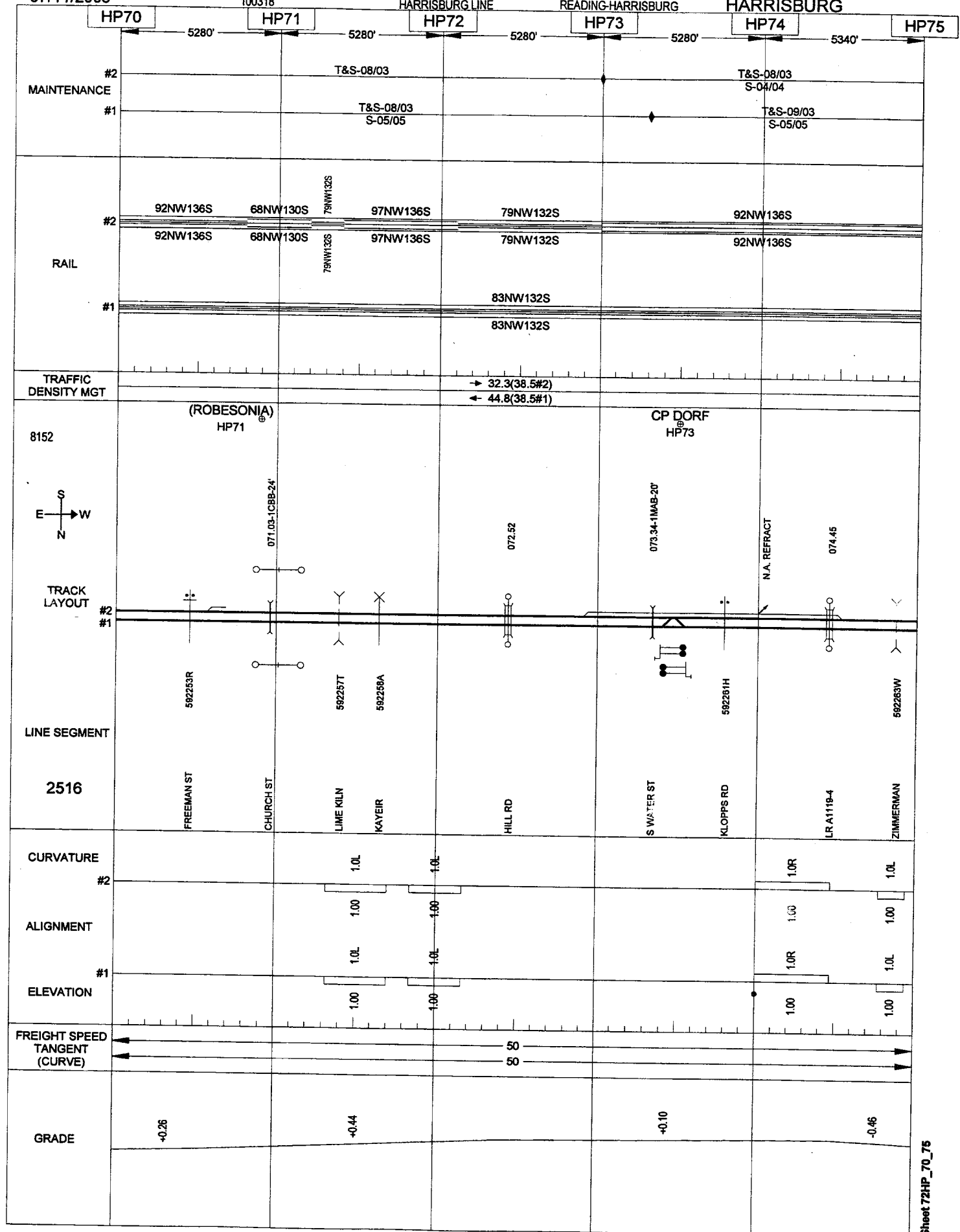
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HARRISBURG



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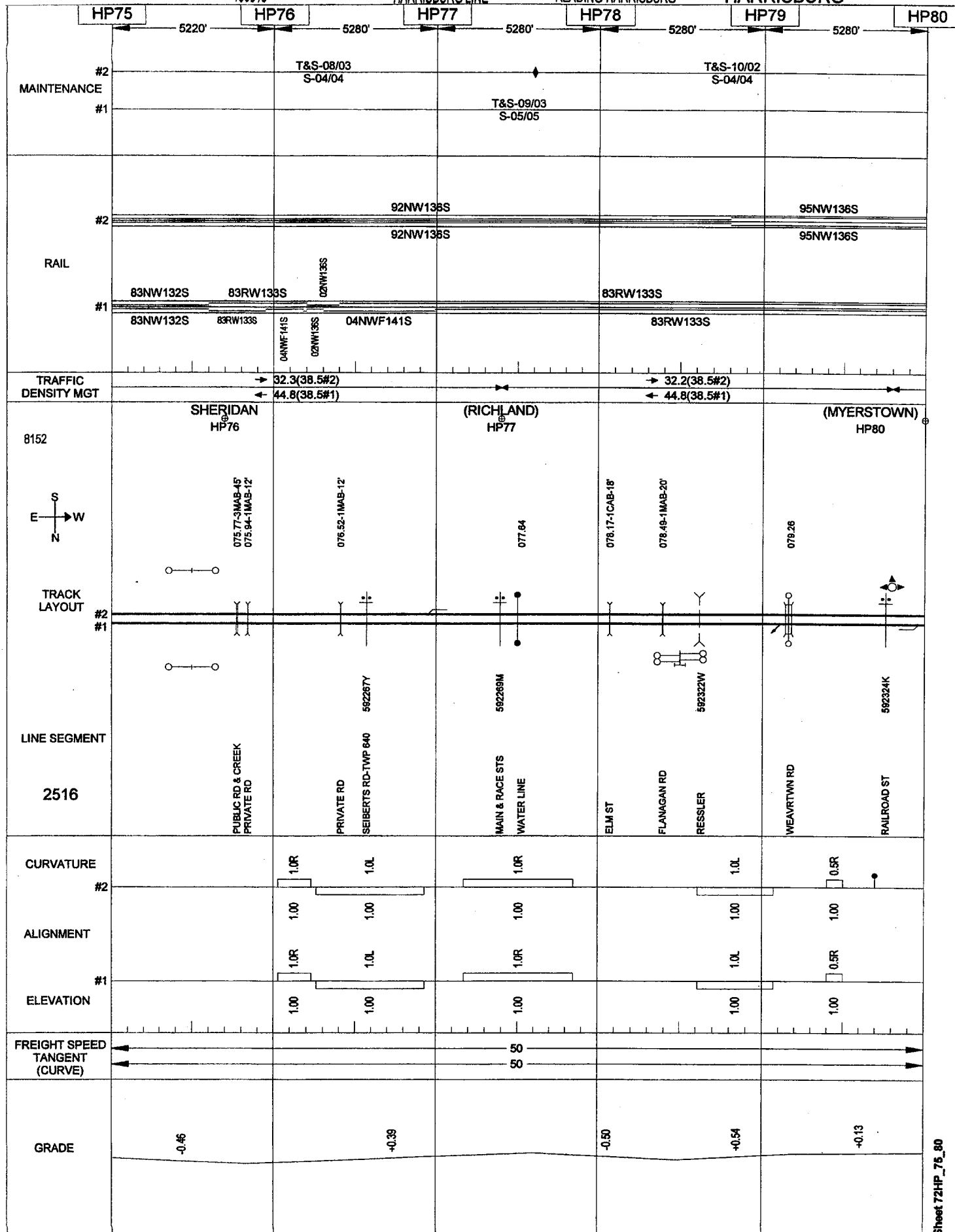
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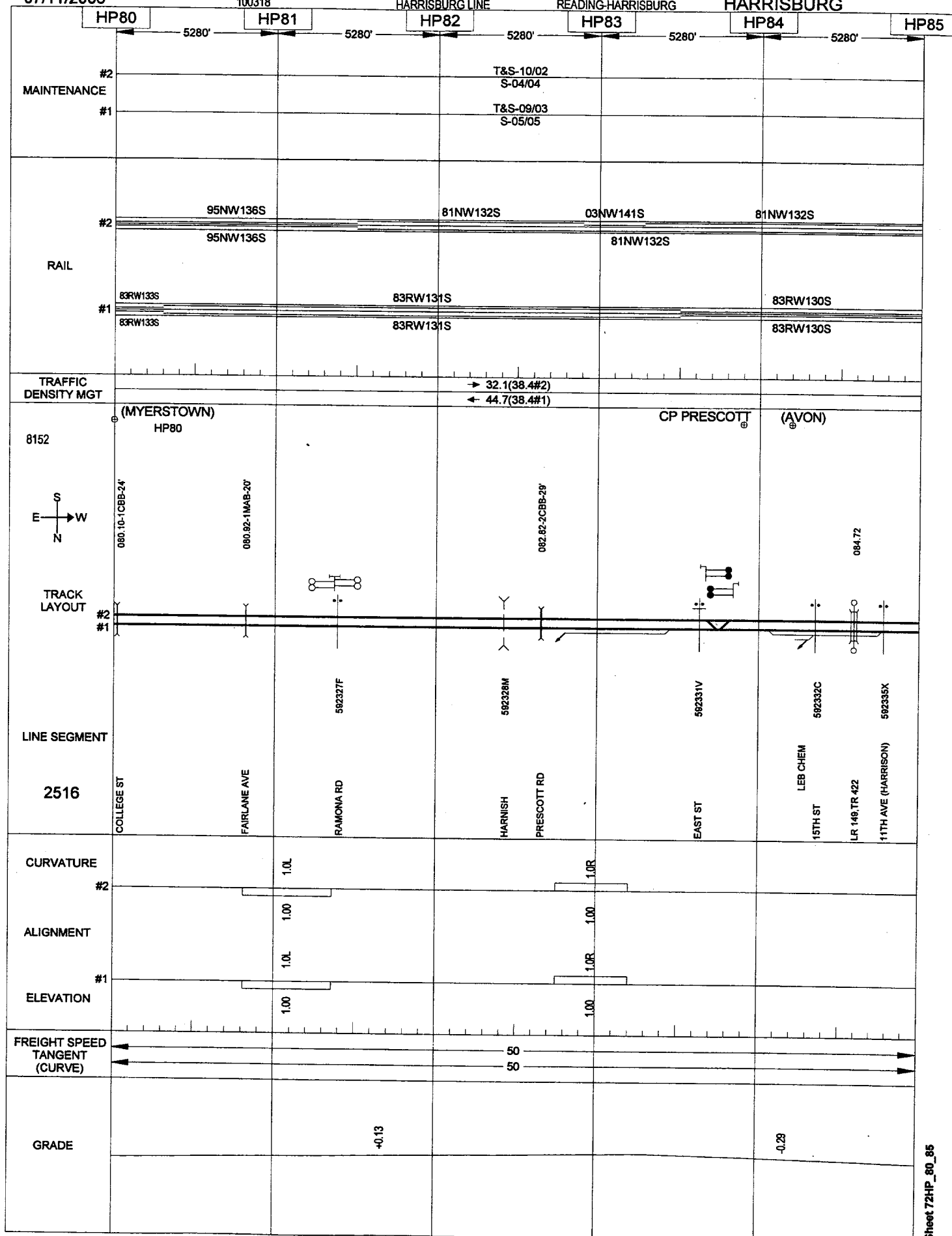
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016

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



HP85

HP86

HP87

HP88

HP89

HP90

- 5280'

- 5280'

- 5280 -

5280

5005

90

#2
MAINTENANCE
#1

T&S-10/02
S-04/04

T&S-09/03
S-05/05

RAIL

TRAFFIC
DENSITY MGT

→ 32.1(38.4#2)
← 44.7(38.4#1)

8152

LEBANON
⊕
HP86

CP WALL[®]
HP87

W. LEBANON

CLEONA
⊕
HP89

TRACK LAYOUT

LINE SEGMENT

2516

CURVATURE

ALIGNMENT

ELEVATION

**FREIGHT SPEED
TANGENT
(CURVE)**

GRADE

-0.29

+0.10

0.33

0.01

07/11/2006

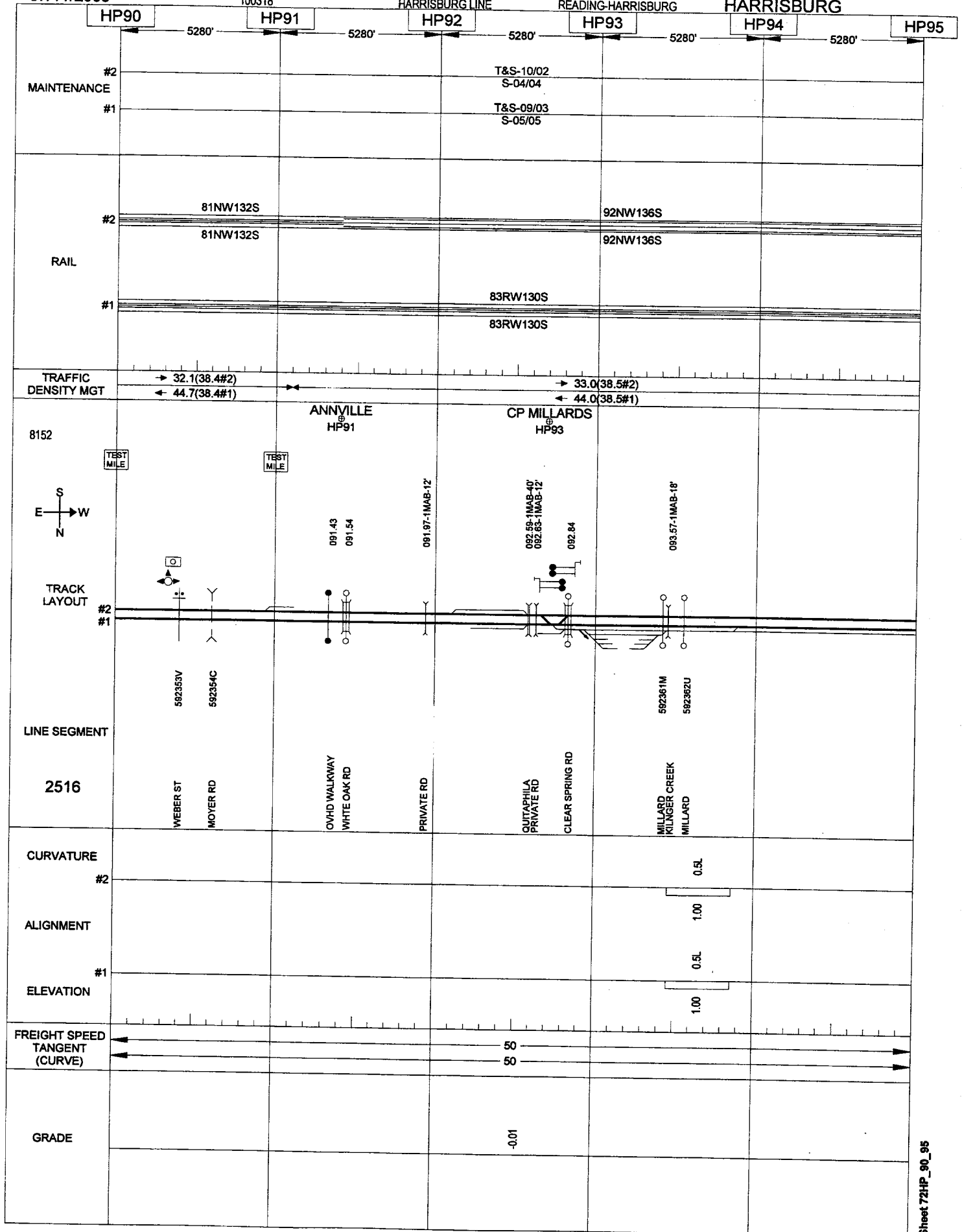
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READING-HARRISBURG

HARRISBURG



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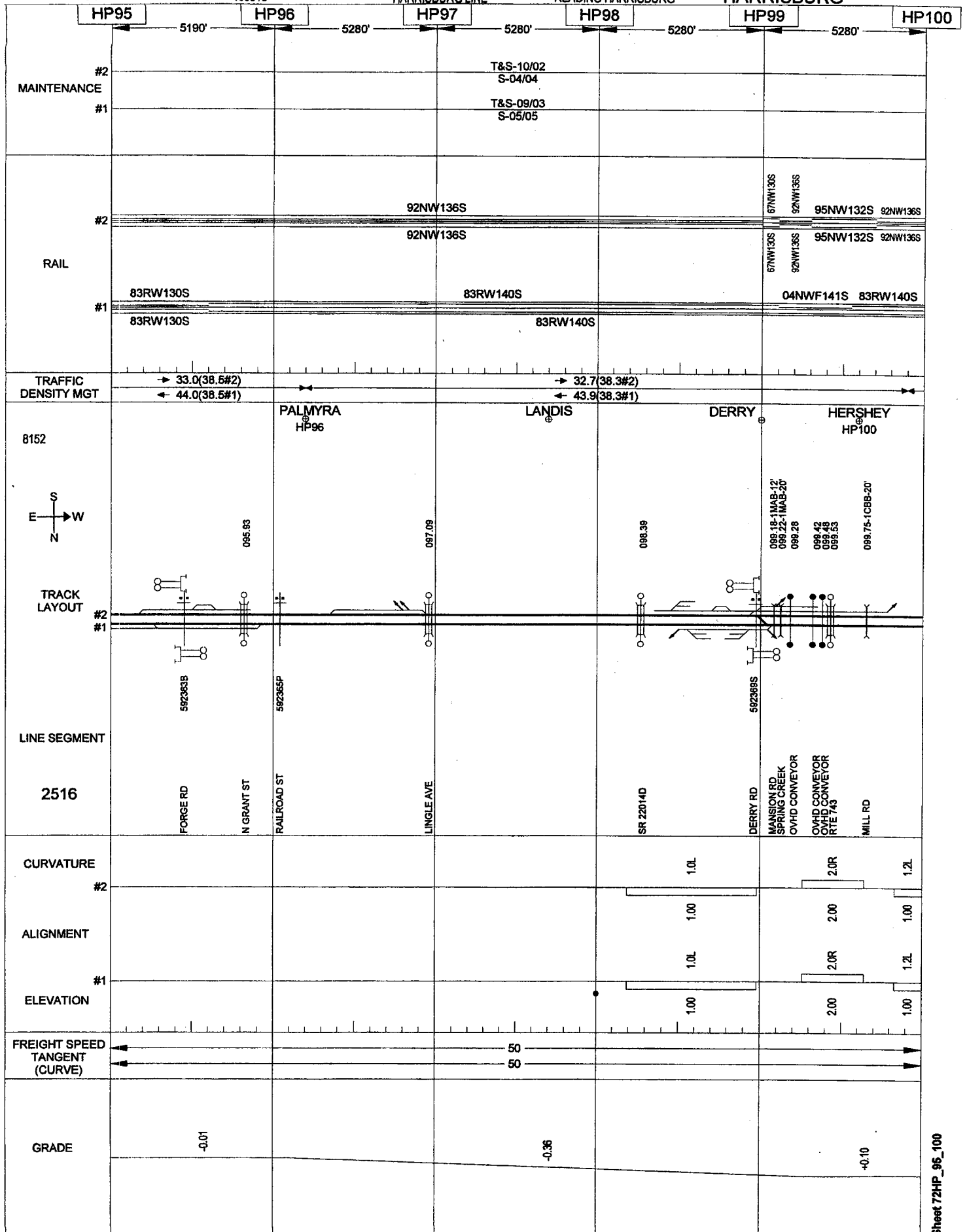
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019

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



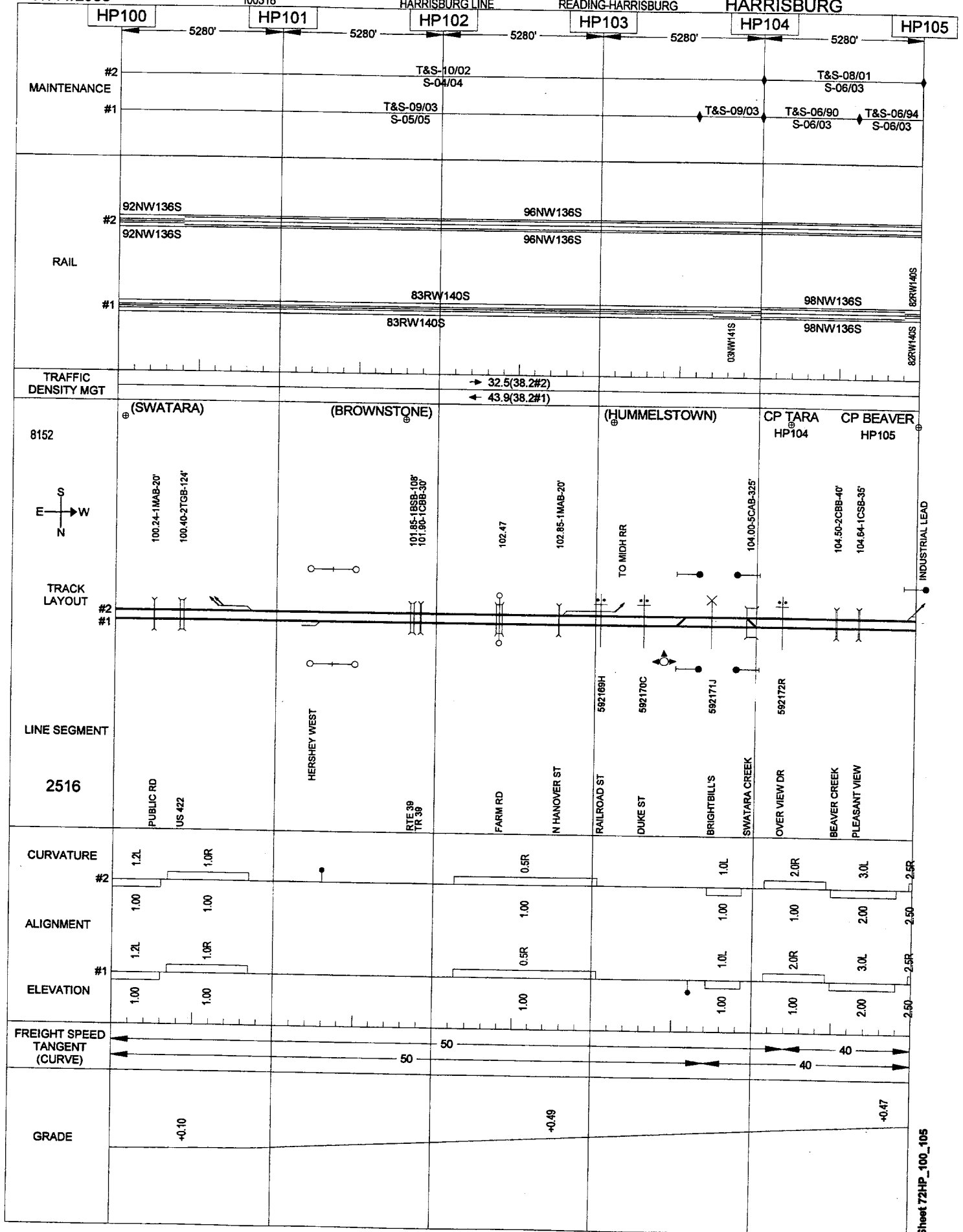
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020

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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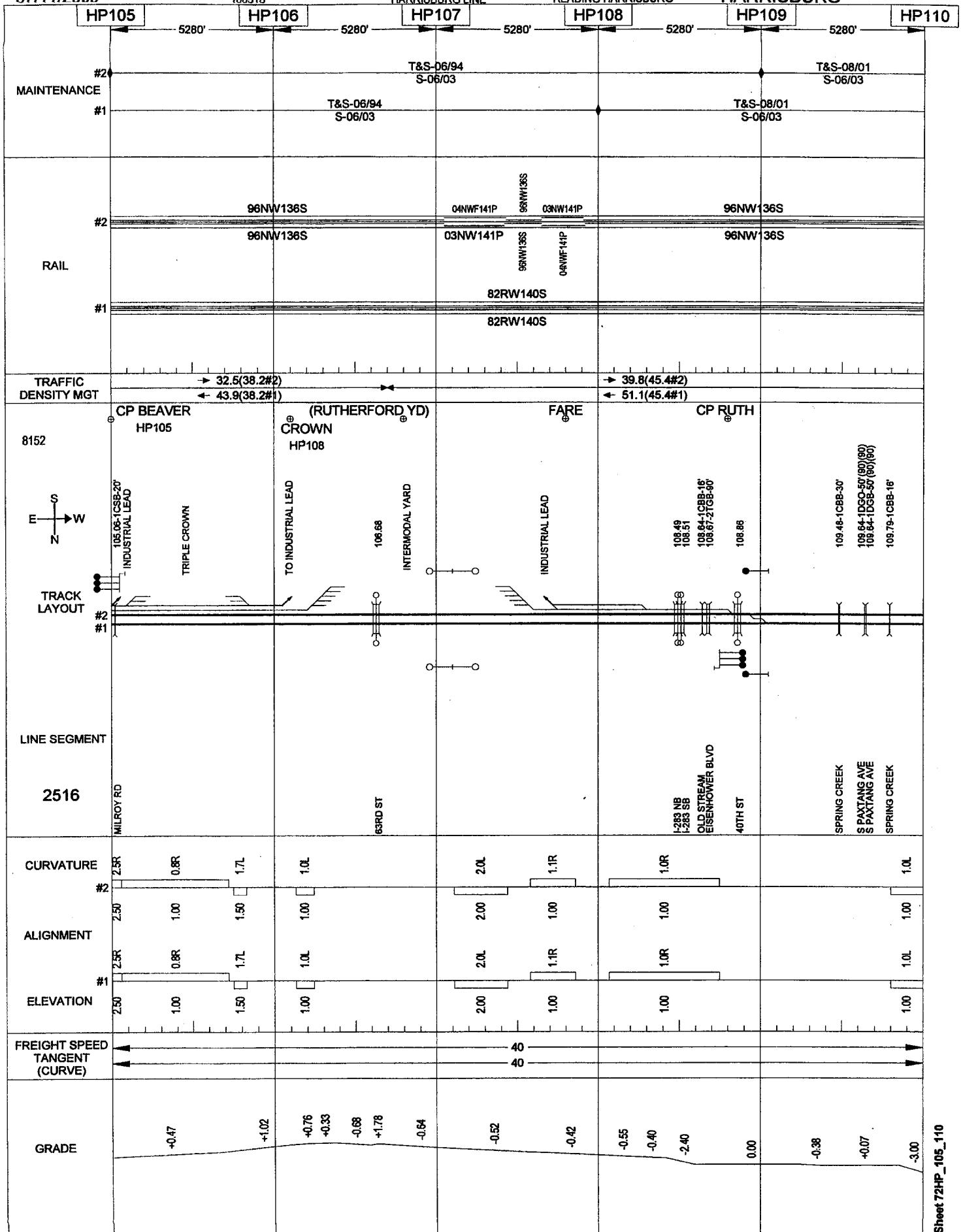
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021

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



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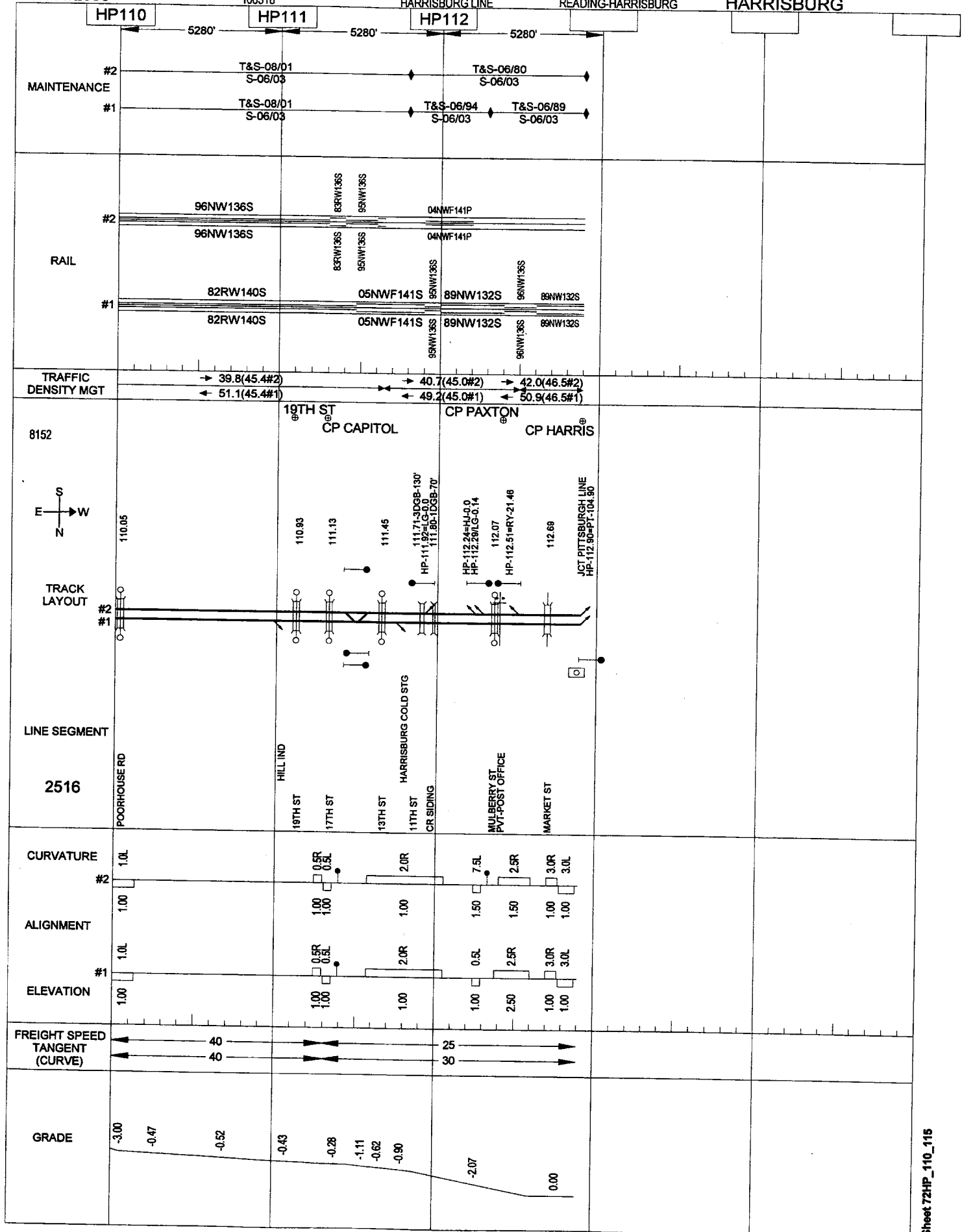
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022

HARRISBURG LINE

READING-HARRISBURG

HARRISBURG



07/11/2006

101302

023

PITTSBURGH LINE

HARRIS-CP CANNON

HARRISBURG

PT105

5279'

#1
MAINTENANCE
#2

#1

RAIL

#2

TRAFFIC
DENSITY MGT

7008



TRACK
LAYOUT

#1
#2

LINE SEGMENT

2585

CURVATURE

#1

ALIGNMENT

#2

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

83RW133S
55LJ130S
55LJ130S

104.90
TO AMTRAK



PT-104.90-HP-112.80
LR 140 RT 22

TO YARD

30
30

+0.45

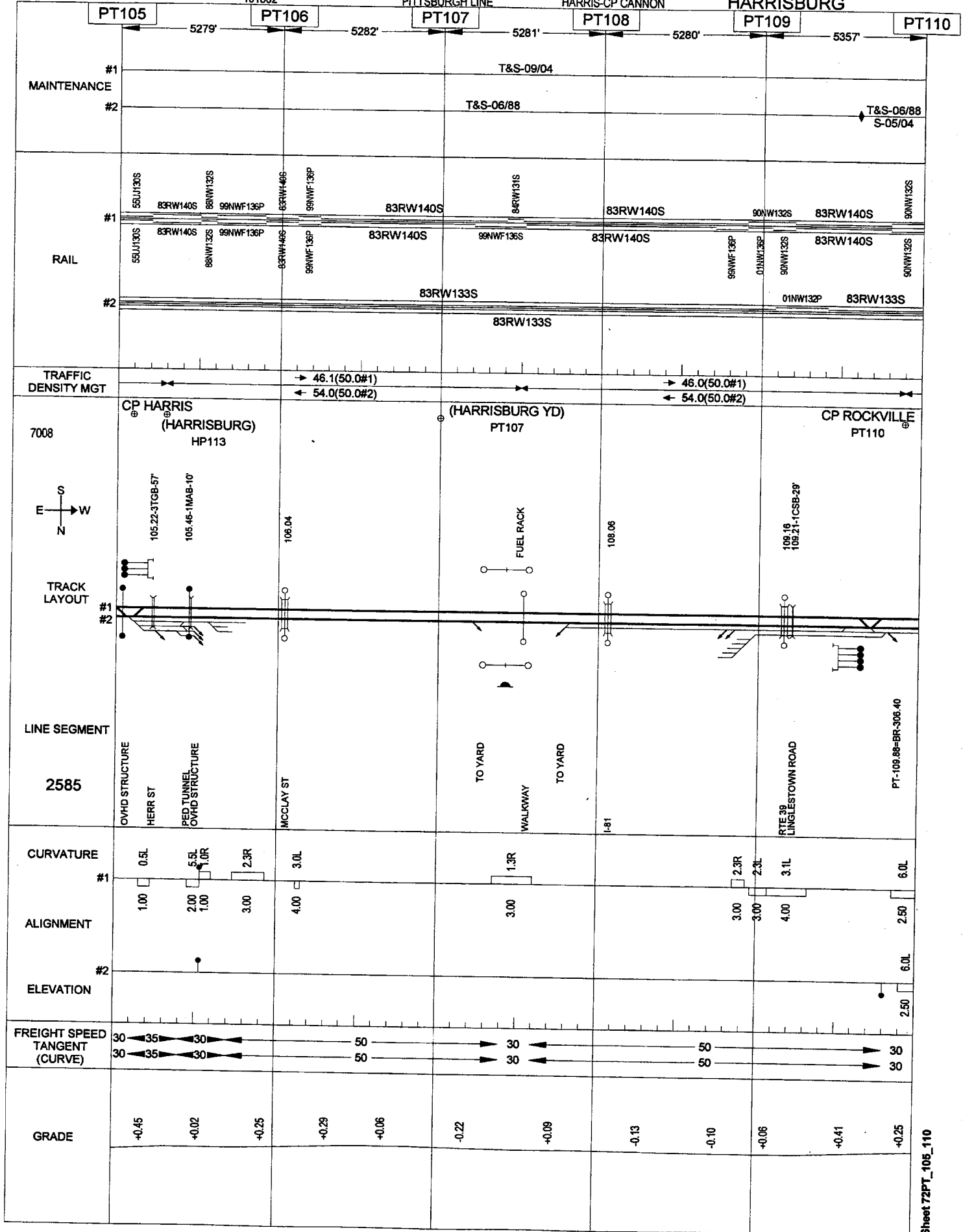
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024

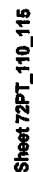
PITTSBURGH LINE

HARRIS-CP CANNON

HARRISBURG



HARRISBURG



07/11/2006

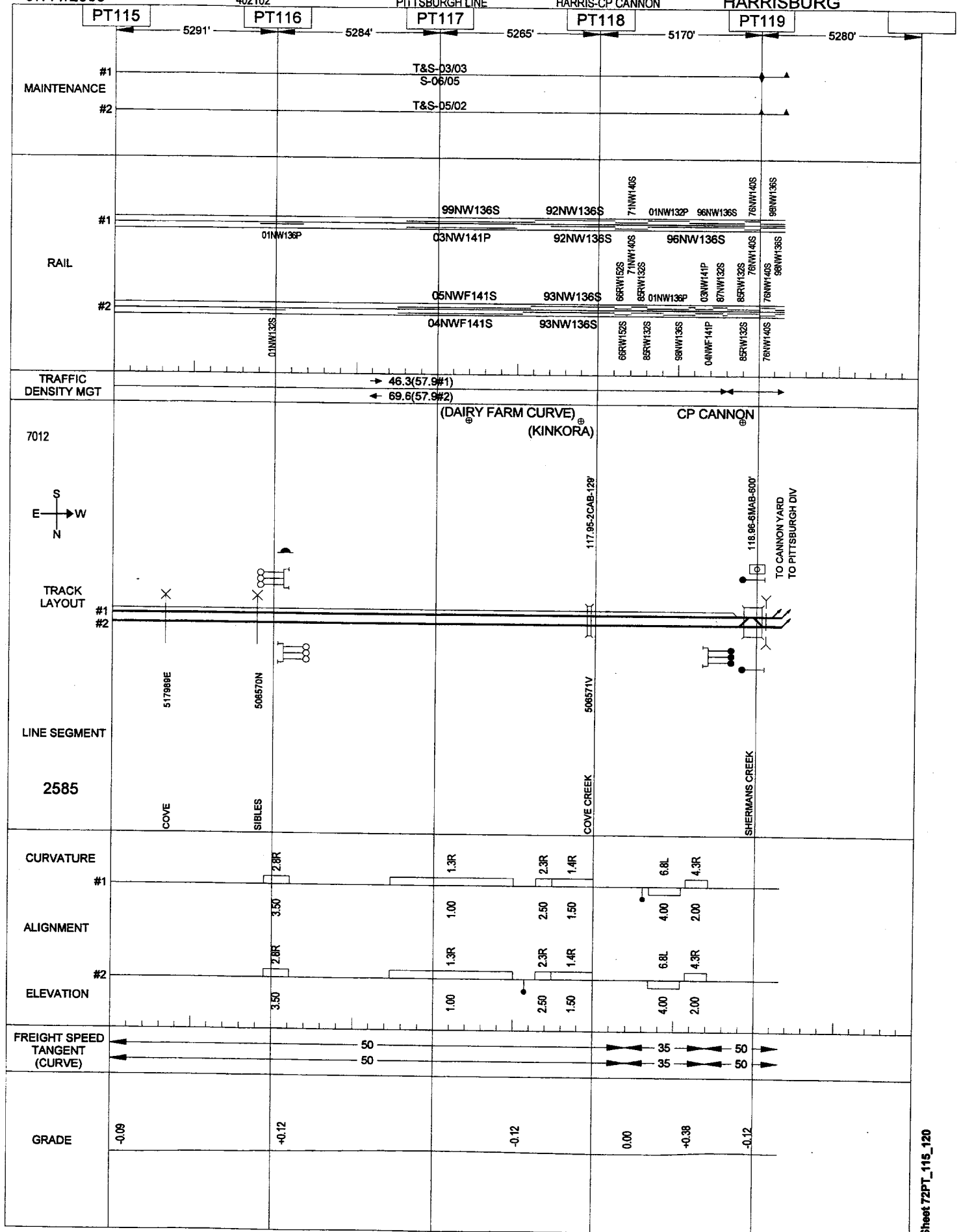
402102

026

PITTSBURGH LINE

HARRIS-CP CANNON

HARRISBURG



07/11/2006

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→ 11.2(17.9)
← 6.7

8130

CP CUMRU

(GIBRALTAR)
EX52N
W → E
STRACK
LAYOUT

LINE SEGMENT

2324

GV-11.70=AF-11.70

011.83

012.15-7MSO-574(89)
012.21-2DGO-72(89)

012.48

012.48

012.50

013.02-1CSB-21'

014.43-3CAB-71'
014.50-1CSB-18'

POPLAR NECK RD

SCHUYLKILL RIVER
SCHUYLKILL RIVER R

LR 1011

FARM RDG IND

PRIVATE

FARM ROAD

RTE 724

SEYFERT DR 591865V

LITTLE ALLEGHENY C
SEIDEL CRK

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

3.0L
1.003.0R
1.003.5L
1.003.5L
1.00

30

0.00

+0.24

-0.30

07/11/2006

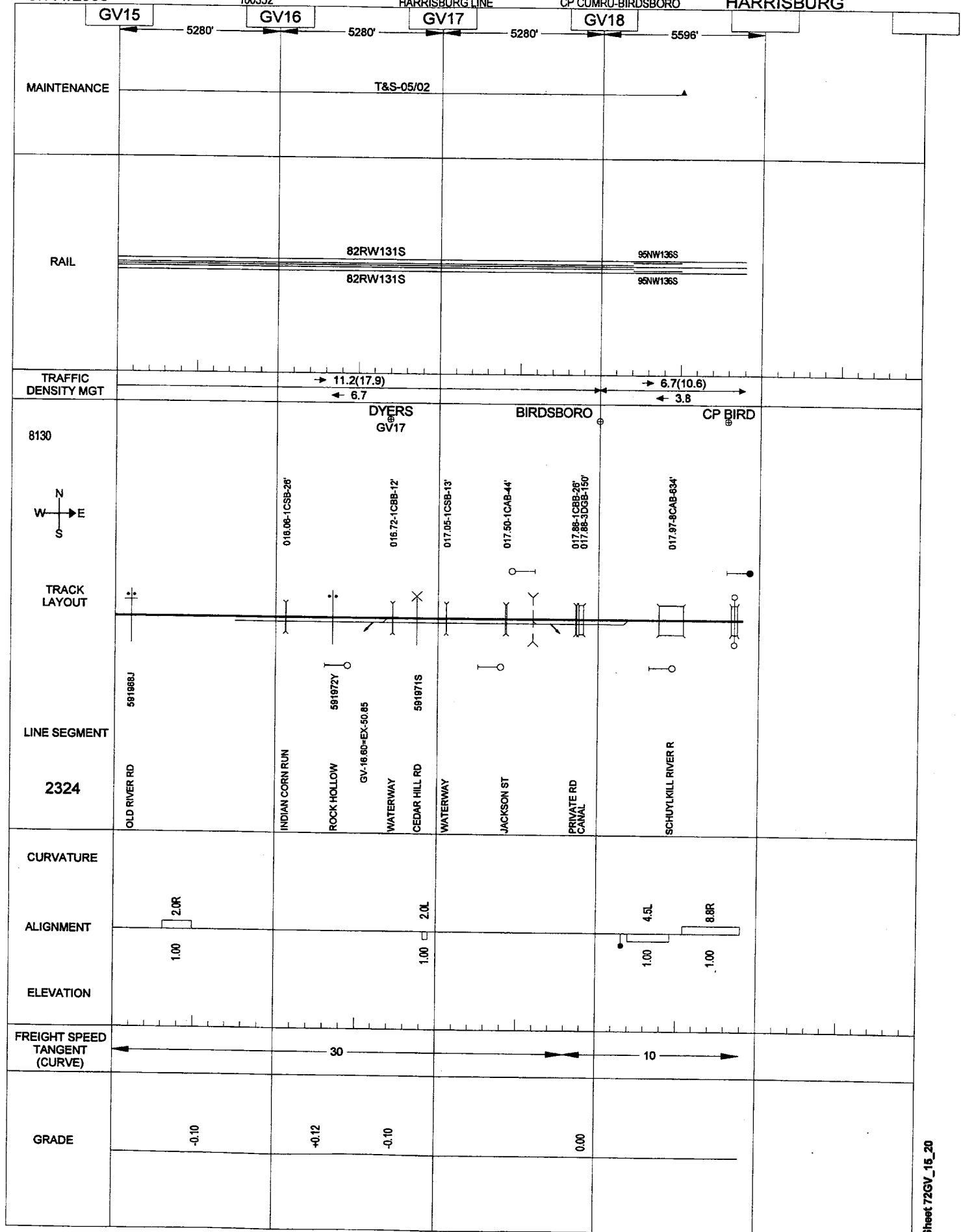
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028

HARRISBURG LINE

CP CUMRU-BIRDSBORO

HARRISBURG



HARRISBURG

A54

T&S-04/04

T&S-05/05

#1

CP MARY
PT111

(MARYSVILLE)

CP BANKS
(BOBS CURVE

(ELKTON CURVE

7008
7012

TRACK LAYOUT

LINE SEGMENT

2585

CURVATURE

ALIGNMENT

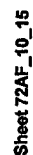
ELEVATION

**FREIGHT SPEED
TANGENT
(CURVE)**

GRADE

Sheet 72PT_110_115

HARRISBURG



07/11/2006

100360

031
READING LINE

CP TULP-WYOMISSING JCT

HARRISBURG

TW9

8560'

1536'

MAINTENANCE

T&S-04/04 T&S-06/93
S-08/01

RAIL

01NW136P 95NW136S
01NW136P 95NW136S
97NW136S
97NW136STRAFFIC
DENSITY MGT28.9(70.4)
41.5

8125

S
E → W
NTRACK
LAYOUTCP TULP (CP LEISEY)
CP DUNKLE CP WYOMISSING JCT008.23-1TGB-65
TW-8.55/AF-8.60
008.51
008.81
061.09-2BSB-70
TW-8.10=AF-8.15
N WYOMISSING BLVD
PRIVATE
PARK RD
LR 06038-3
TW-9.40=HP-81.15

LINE SEGMENT

2150

CURVATURE

ALIGNMENT

ELEVATION

7.0L 13.0R 1.5L 2.0L
1.00 3.00 1.00 1.00FREIGHT SPEED
TANGENT
(CURVE)

10 25

GRADE

0.00 +0.91

07/11/2006

100312

032

READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG

RV8

RV9

RV10

5280'

5280'

4780'

#1
MAINTENANCE
#2T&S-08/04
S-03/06T&S-08/01
S-03/04#1
RAIL
#2

85RW132S

85RW132S

82NW132S

82NW132S

48NJ140S
55NJ140S
48NJ140S
55NJ140STRAFFIC
DENSITY MGT

→ 35.6(31.6#1)

← 27.7(31.6#2)

8109

N
W → E
STRACK
LAYOUT#1
#2CP BLANDON
RV8

RV-7.50-TK-0.0

007.93-1CSB-11'

009.06-2CSB-26'

LINE SEGMENT

2144

592437R
592438X
592439E
592440Y
592441F
592442M
592443U
MAIN ST
WESNER RD
CREEK
GULDIN RD
STRAUSSERS
WILLOW CREEK
HILL RD
KELLER RD
WALNUTTOWN RD

CURVATURE

#1

1.5R
1.001.5R
1.00

ALIGNMENT

#2

ELEVATION

1.5R
1.001.5R
1.00FREIGHT SPEED
TANGENT
(CURVE)30
3050
50

GRADE

-0.50

-0.50

0.00

		RV10	RV11	RV12	RV13	RV14	RV15
		5780'	5280'	5280'	5280'	5280'	5280'
MAINTENANCE	#1			T&S-08/04 S-03/06			
	#2			T&S-08/01 S-03/04			
RAIL	#1	85RW132S					
		85RW132S					
	#2	82NW132S	00NW136S	82NW132S	71RW140S		
		82NW132S	00NW136S	82NW132S	71RW140S		
TRAFFIC DENSITY MGT					→ 35.6(31.6#1) ← 27.7(31.6#2)		
8109			(FLEETWOOD) RV11			LYONS RV15	
TRACK LAYOUT	#1						
	#2						
LINE SEGMENT		592445H BORRELLS	592446P BURKHARDS	592447W RICHMOND ST 592448D FRANKLIN ST	592449K WILLOW ST 592450E S BEECH ST	592452T DRYVILLE RD 592452T KOHLEERS	592454G HEFFNERS
2144							
CURVATURE	#1	0.7R	0.5L	1.0L	1.0L	1.5R	1.0L
ALIGNMENT	#1	1.00	1.00	1.00	1.00	1.50	1.00
ELEVATION	#2	0.7R	0.5L	1.0L	1.0L	1.5R	1.0R
FREIGHT SPEED TANGENT (CURVE)		50	50	50	50	50	50
GRADE		0.00	-0.06	0.00	-0.50	-0.40	0.00

HARRISBURG

GRADE

Sheet 72RV_15_20

07/11/2006

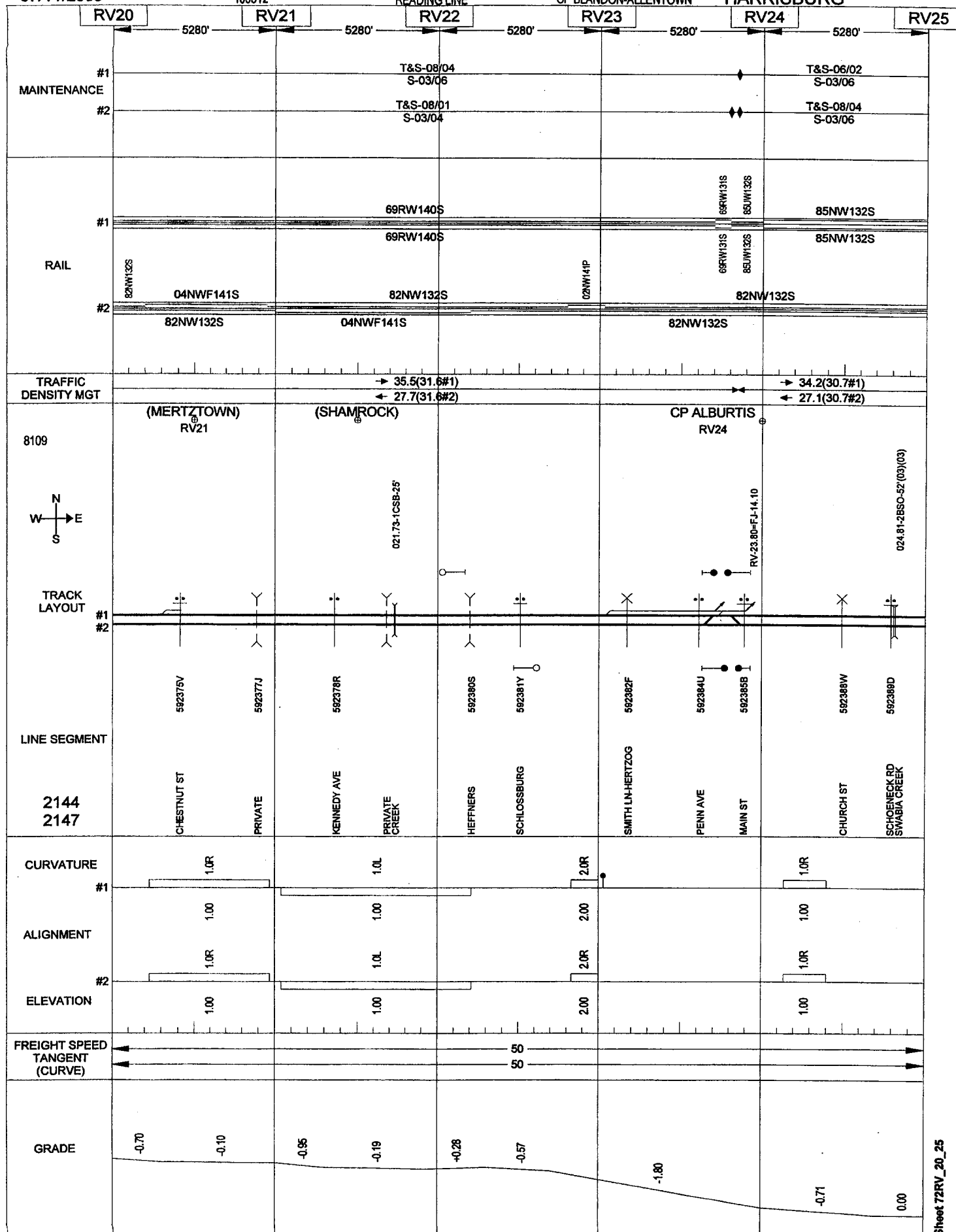
100312

035

READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG



HARRISBURG

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399</
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	--------

T&S-06/02
S-03/06
T&S-08/04
S-03/06

RAII

85NW132S

82NW1329

82NW1329

TRAFFIC
DENSITY MGT

→ 34.2(30.7#1)
← 27.1(30.7#2)

→ 34.3(30.7#1)
← 27.1(30.7#2)

8109

(MACUNGIE)
RV27



TRACK LAYOUT

#1
#2

LINE SEGMENT

2147

CURVATURE

#1

ALIGNMENT

#2

**FREIGHT SPEED
TANGENT
(CURVE)**

GRADE

Sheet 72RV_25_30

07/11/2006

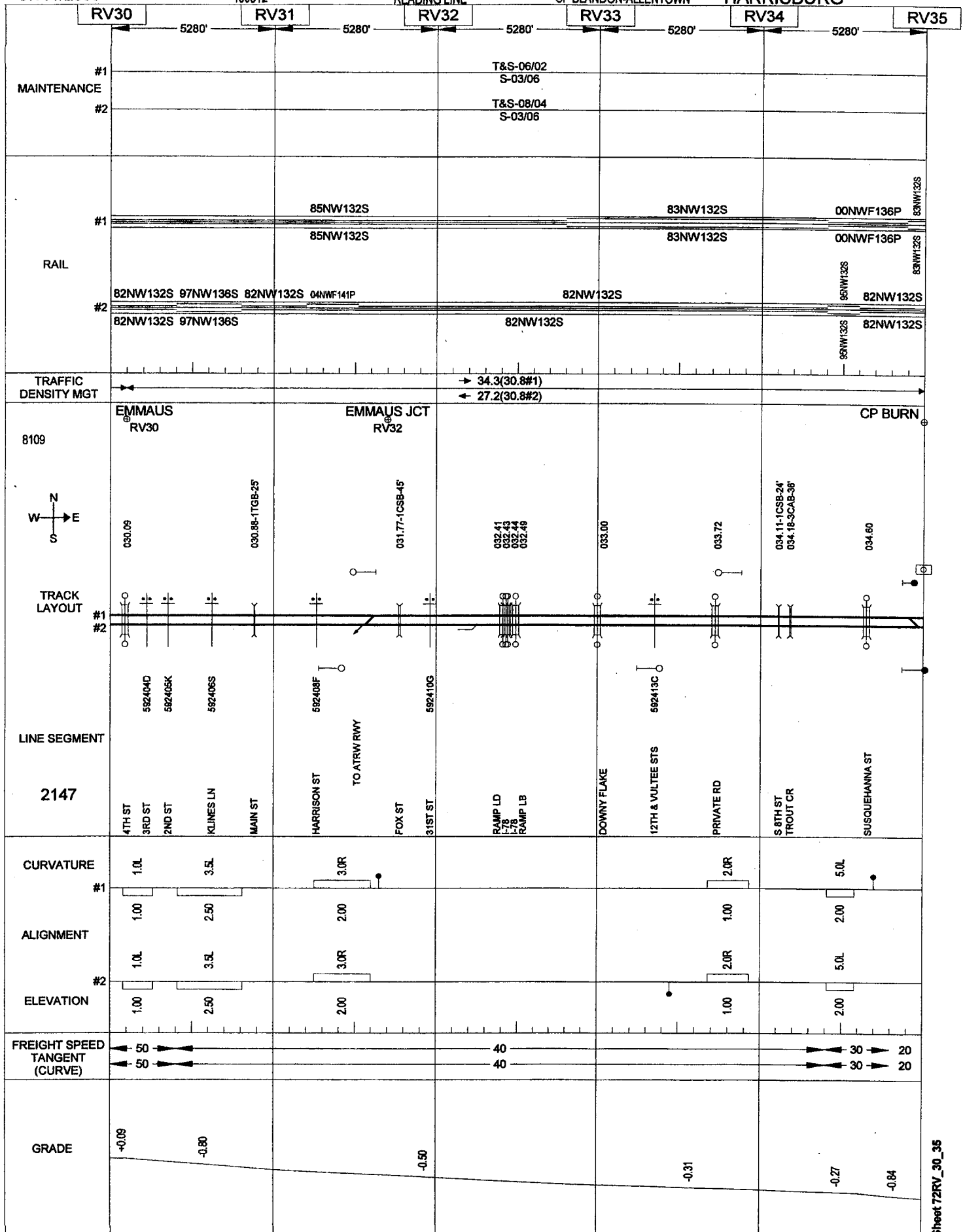
100312

037

READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG



07/11/2006

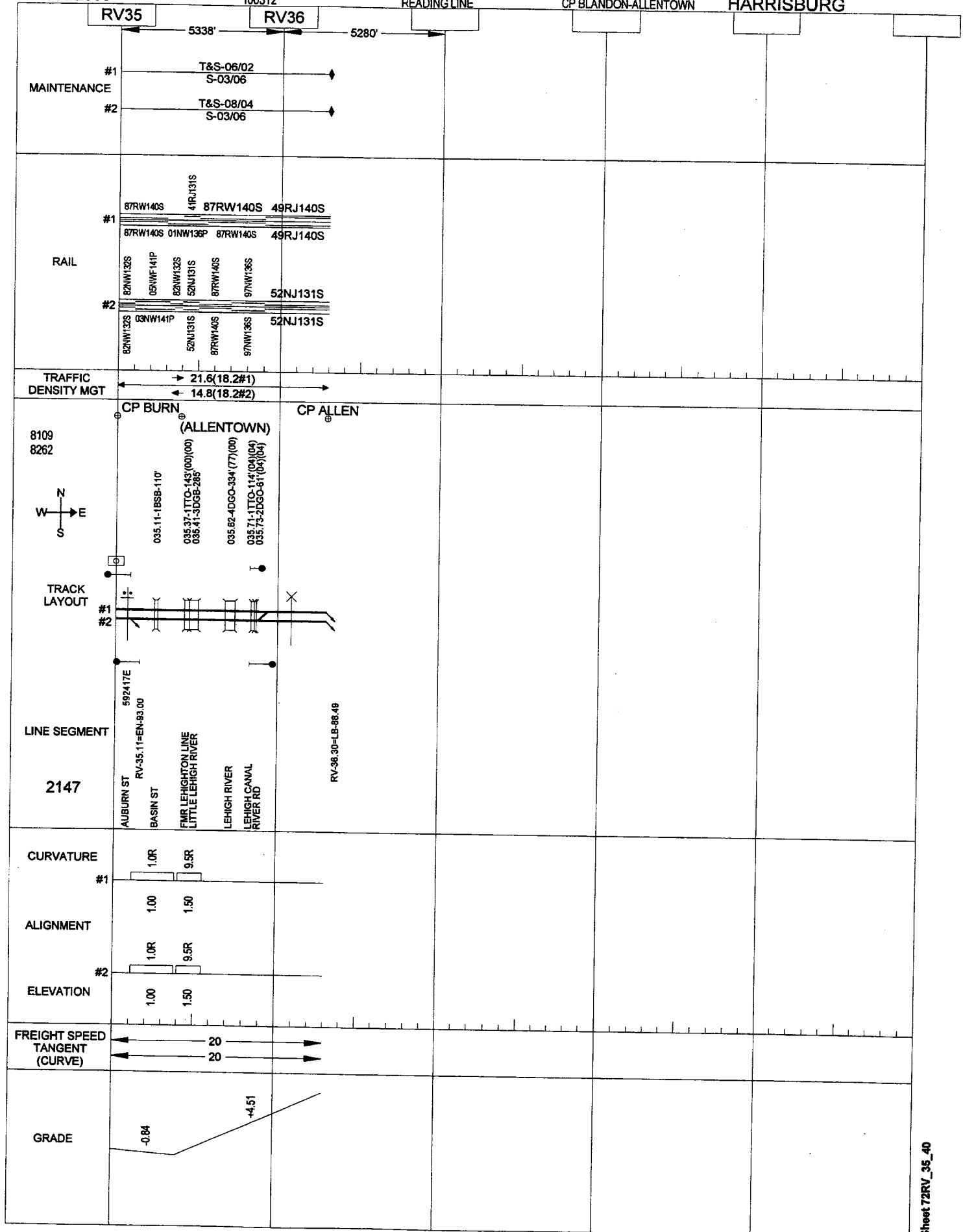
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038

READING LINE

CP BLANDON-ALLENTOWN

HARRISBURG



07/11/2006

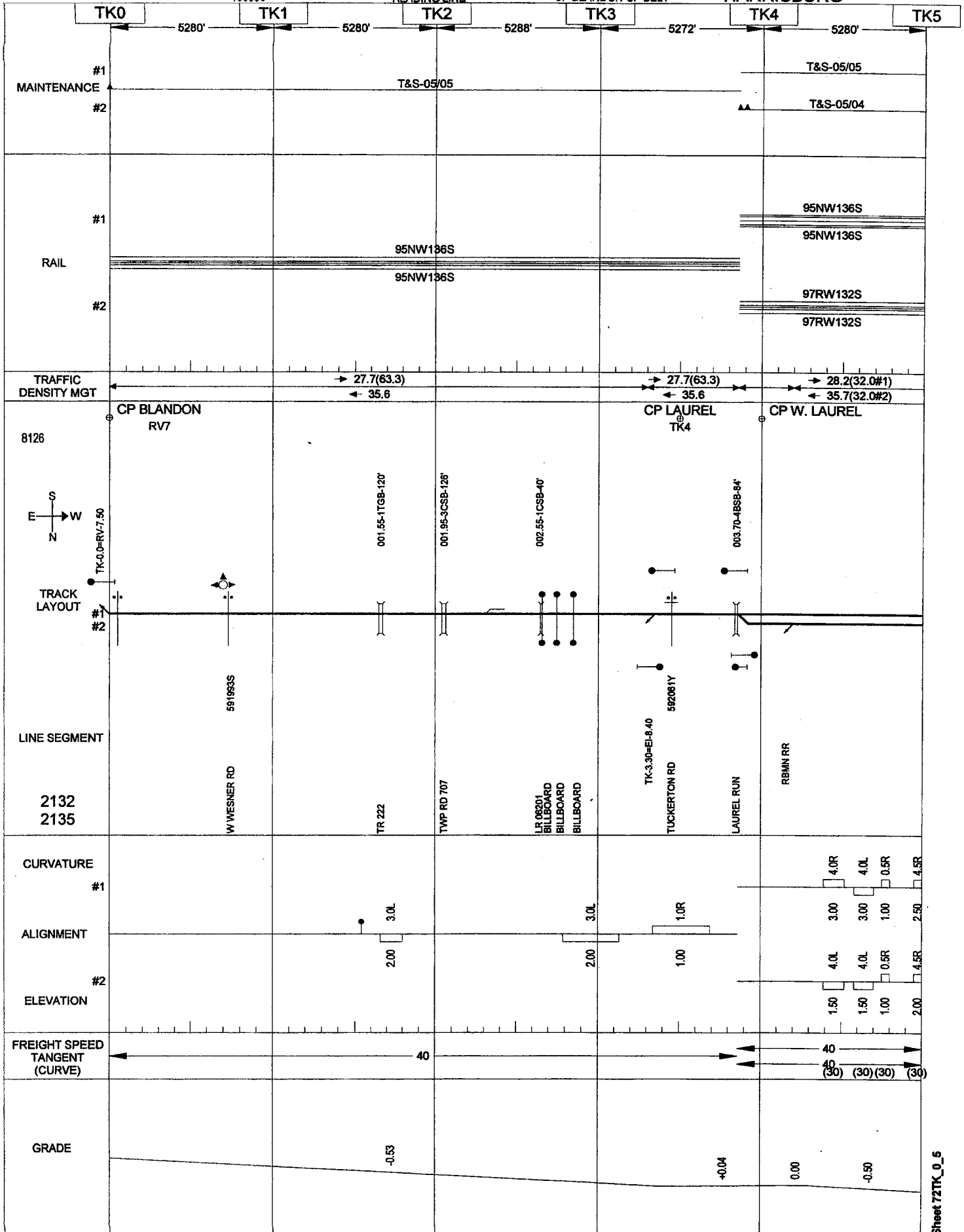
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039

READING LINE

CP BLANDON-CP BELT

HARRISBURG



07/11/2006

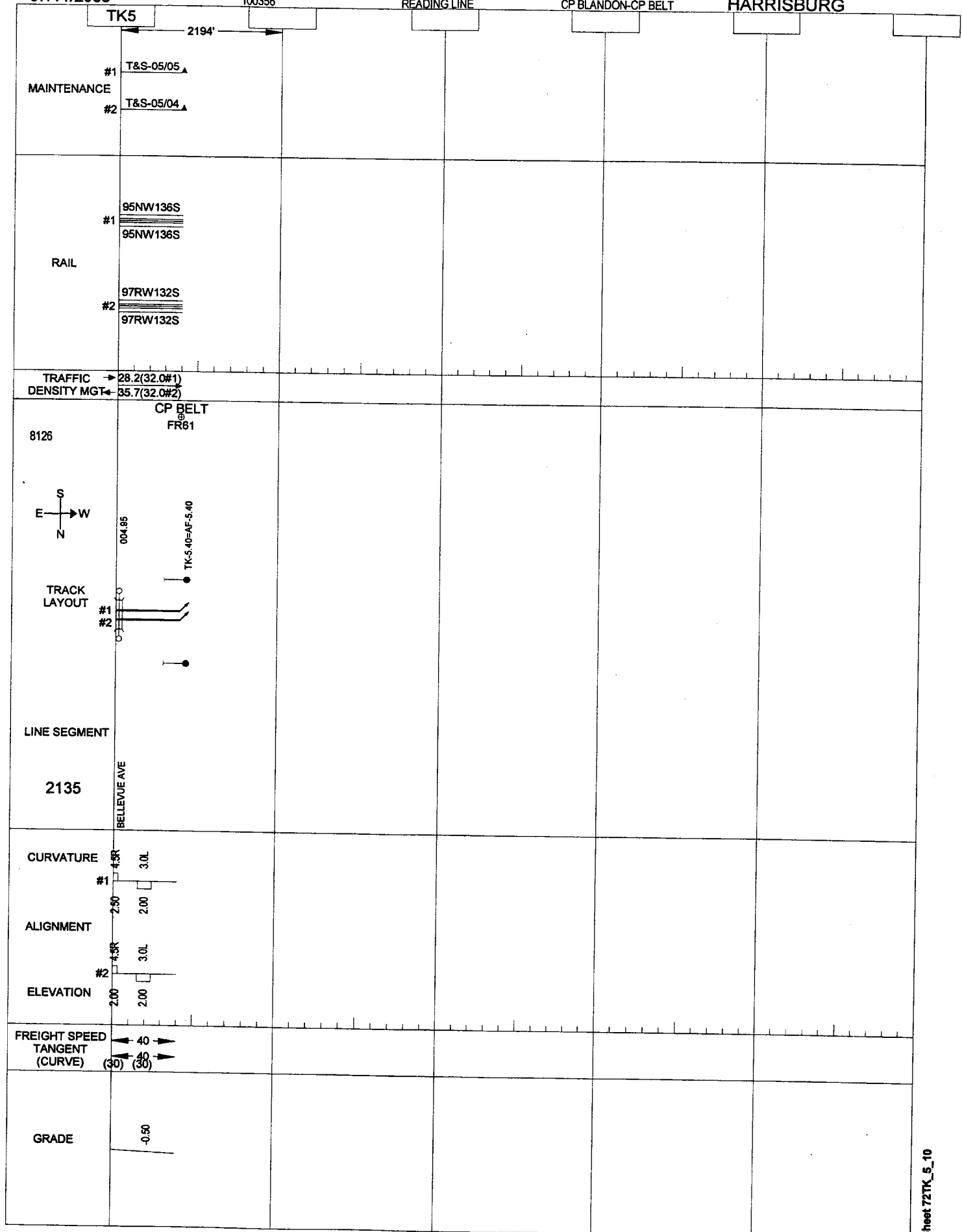
100356

040

READING LINE

CP BLANDON-CP BELT

HARRISBURG



07/11/2006

100342

041
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



TRACK
LAYOUT

CP LAUREL
EI9

EI-8.40-TK-3.30

008.80-2TGB-190'

009.07-1DGO-55'(01)

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

LINE SEGMENT

2465

LR 1035

E HULLER LN

PRIVATE

WILLOW CR
LEESPORT AV
SNYDER RD

CURVATURE

ALIGNMENT

ELEVATION

1.0L
4.0L
1.00
1.00

4.0R
1.00

4.0L
1.00

4.0R
1.00

3.0R
1.00

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.44

0.00

07/11/2006

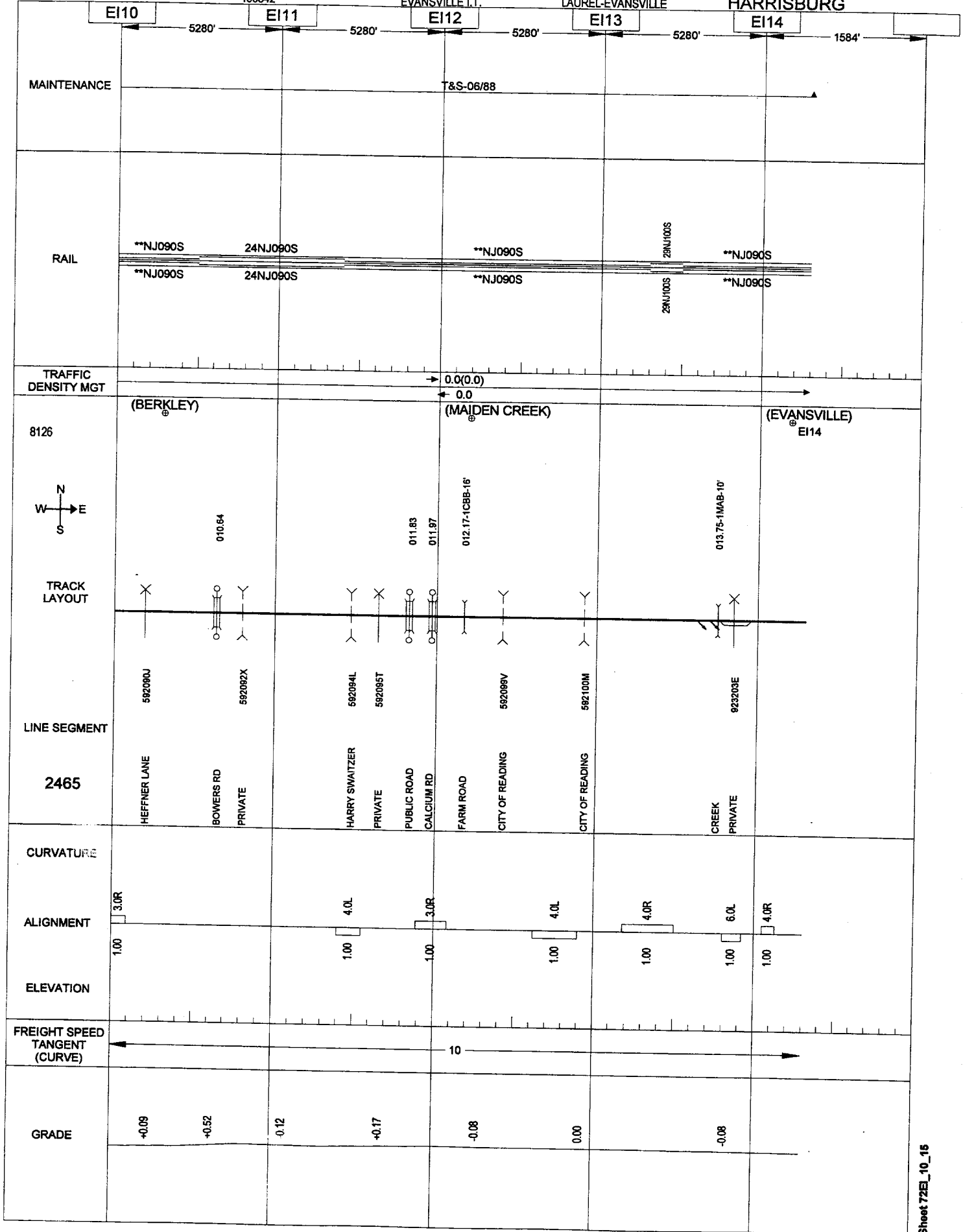
100342

042

EVANSVILLE I.T.

LAUREL-EVANSVILLE

HARRISBURG



07/11/2006

100304

043
C&F SEC.

SEIPLE-ALBURTIS

HARRISBURG

FJ3

FJ4

FJ5

5280'

5280'

5280'

MAINTENANCE

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

RAIL

23NJ100S

27NJ130S

23NJ100S

27NJ130S

TRAFFIC
DENSITY MGT

0.0(0.0)

← 0.0

END OF TRACK

SEIPLE
FJ3

8132

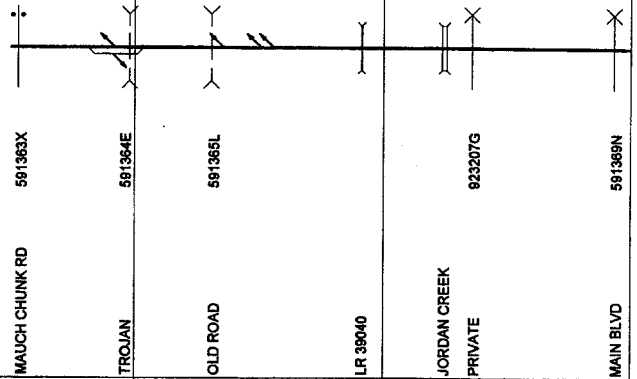
TRACK
LAYOUT

003.91-1BSB-20'

004.23-3CAB-99'

LINE SEGMENT

2159



CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

25

GRADE

0.00

-0.88

-0.21

07/11/2006

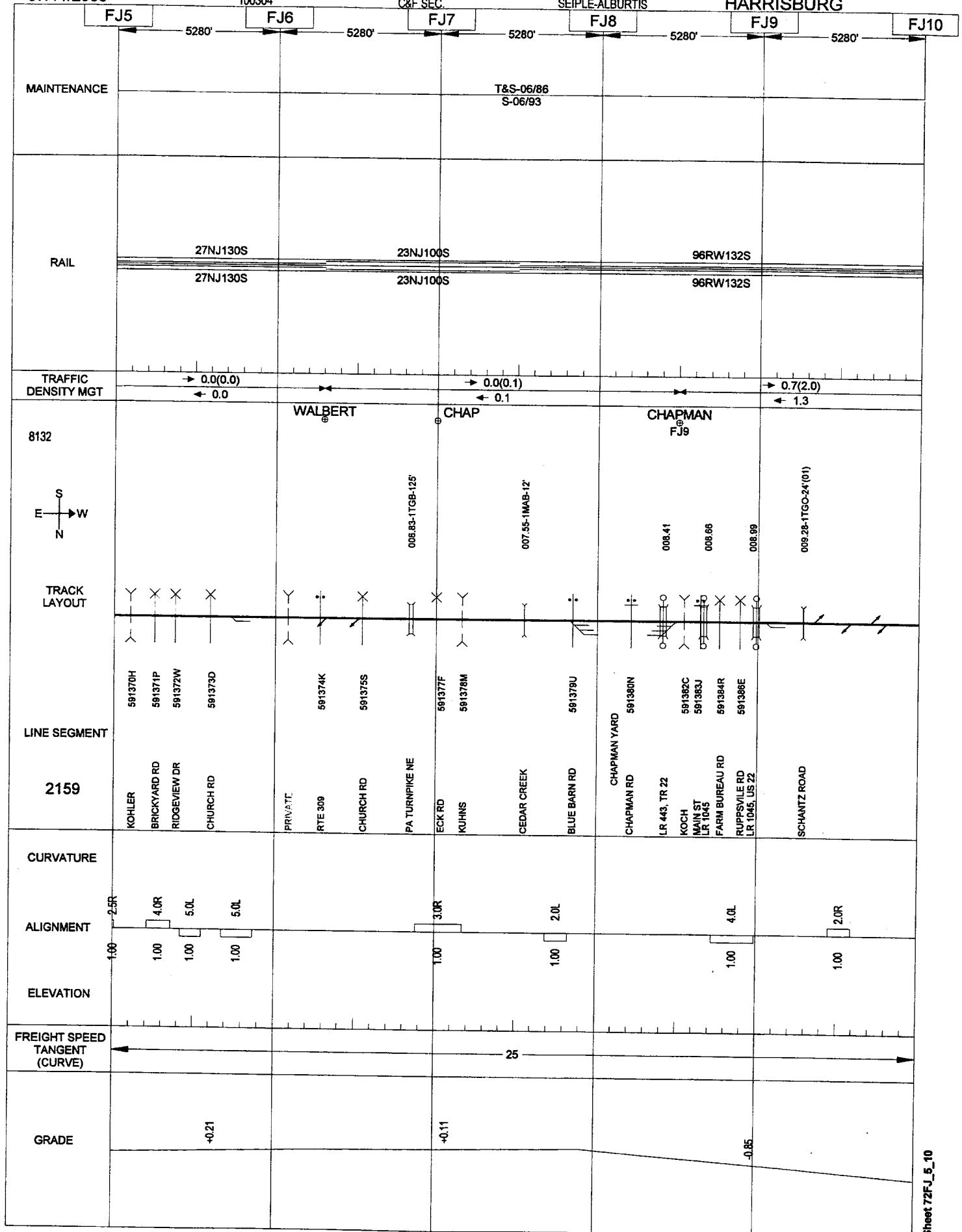
100304

044

C&F SEC.

SEIPLE-ALBURTIS

HARRISBURG



07/11/2006

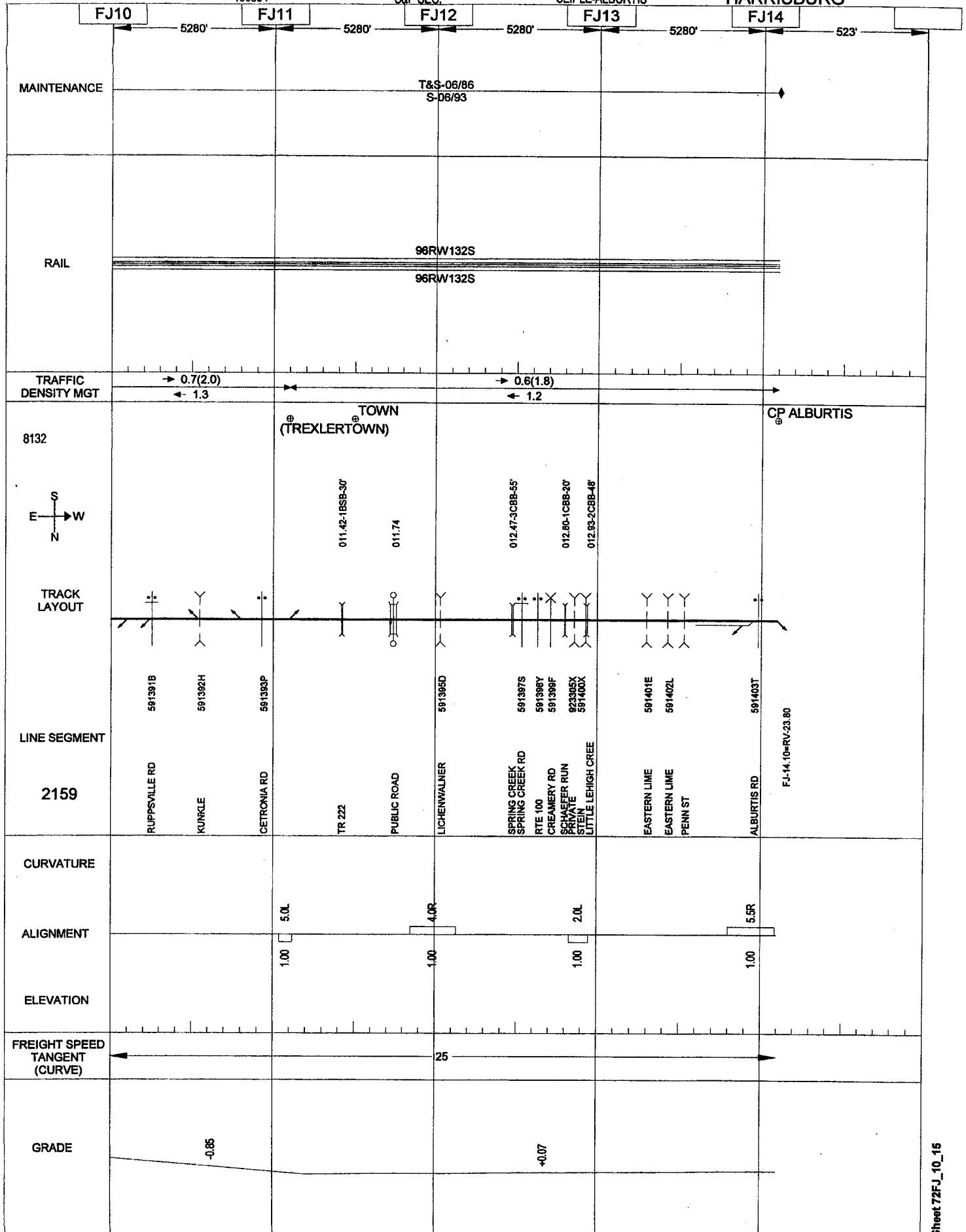
045

100304

C&F SEC.

SEIPLE-ALBURTIS

HARRISBURG



07/11/2006

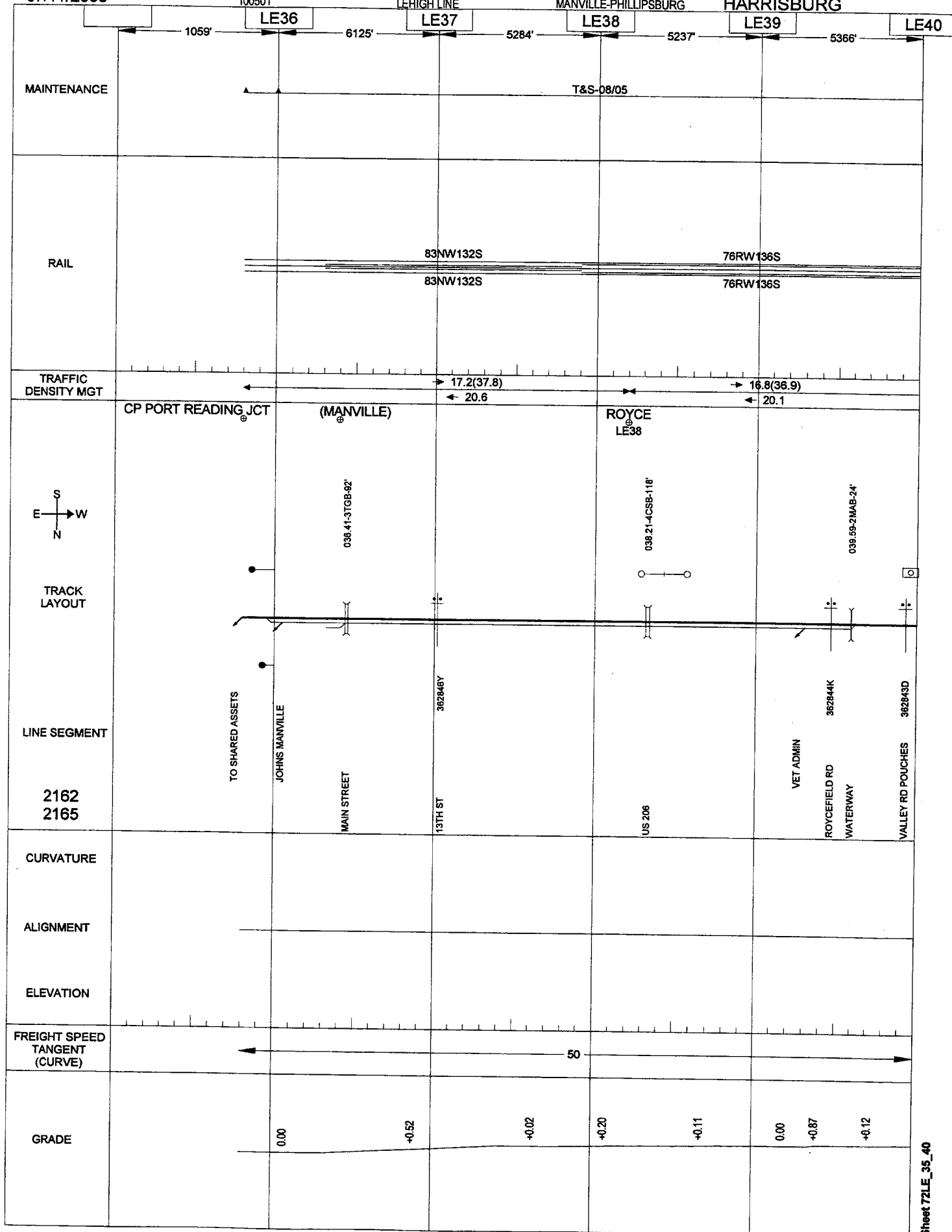
046

100501

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



07/11/2006

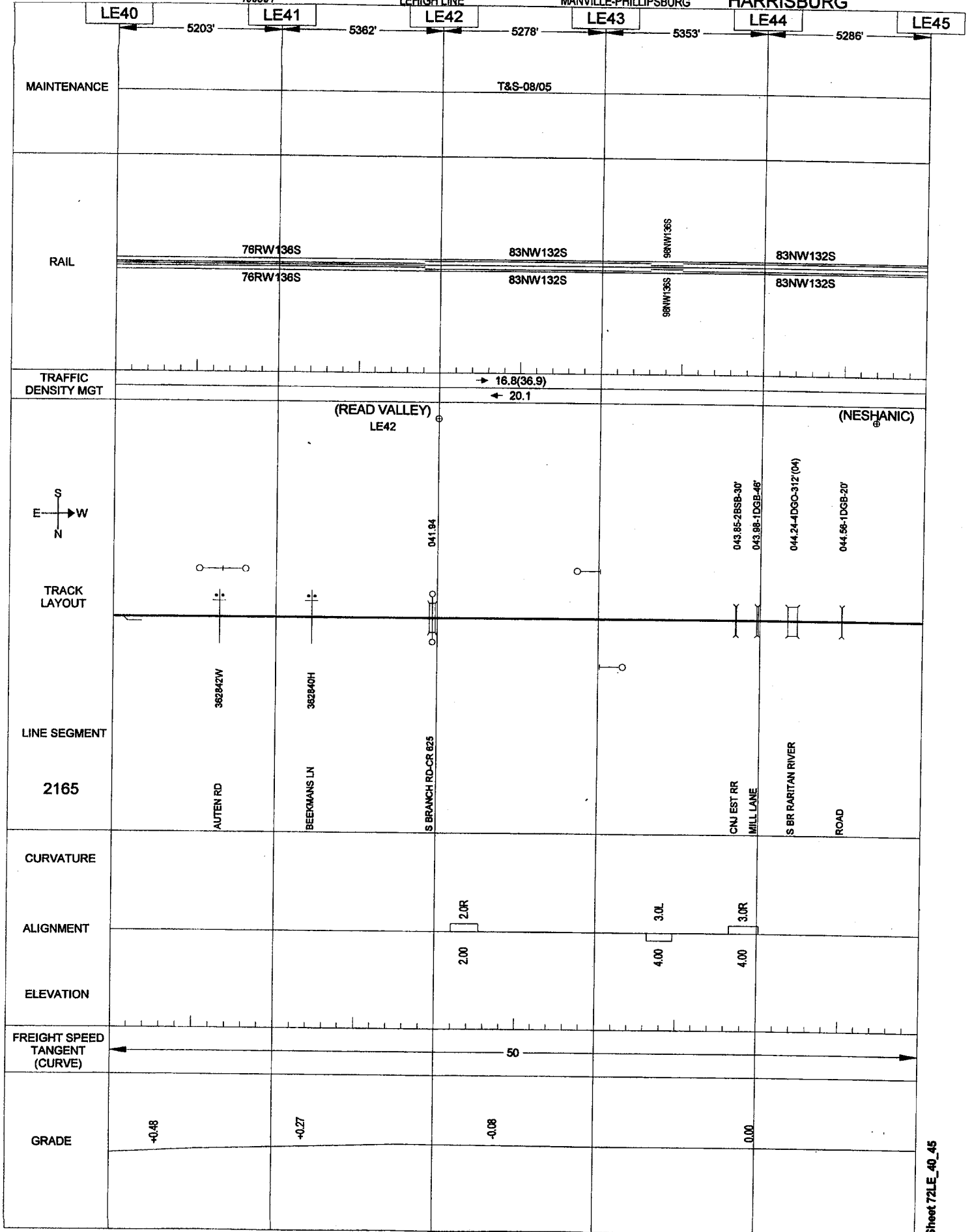
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047

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



07/11/2006

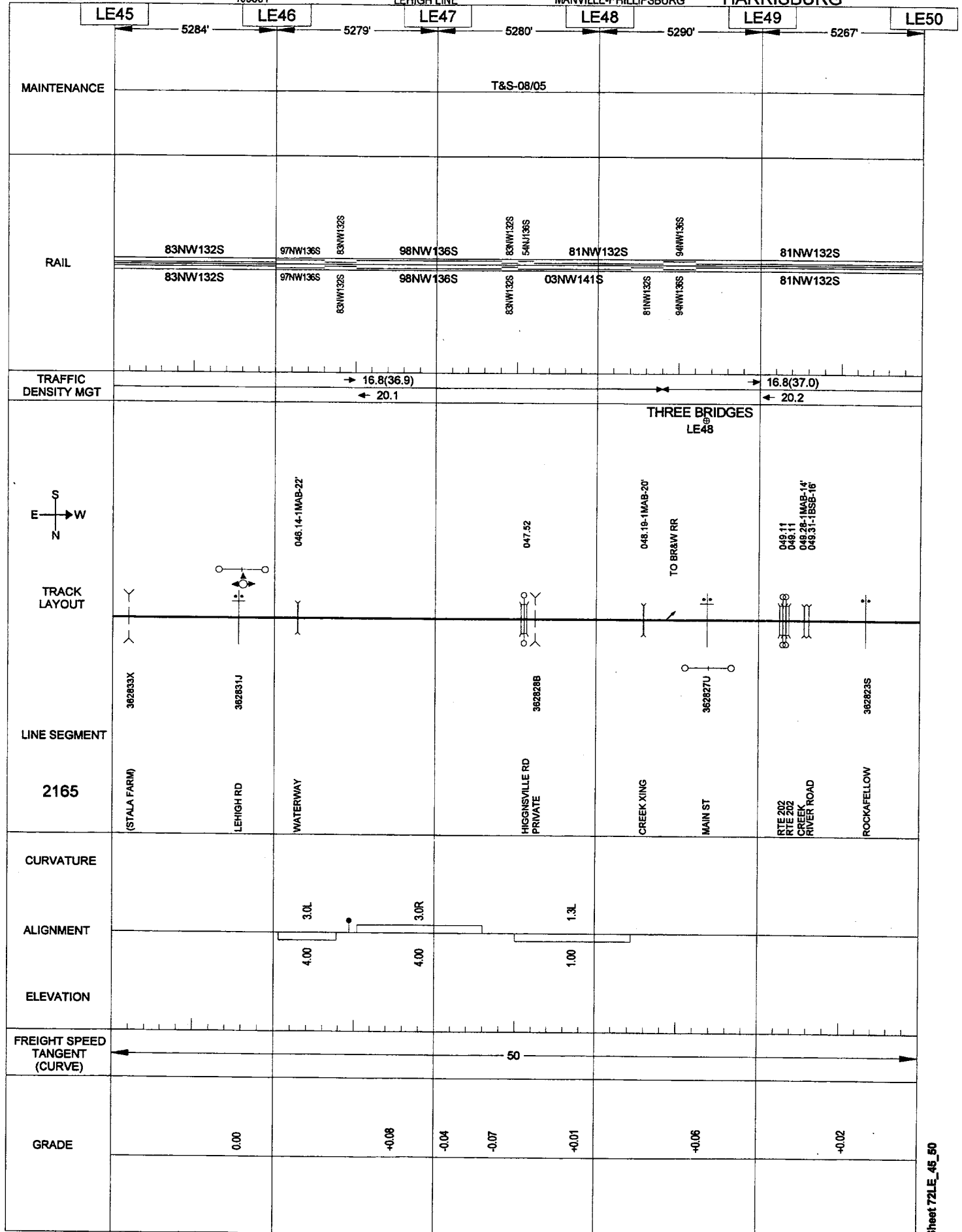
100501

048

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



07/11/2006

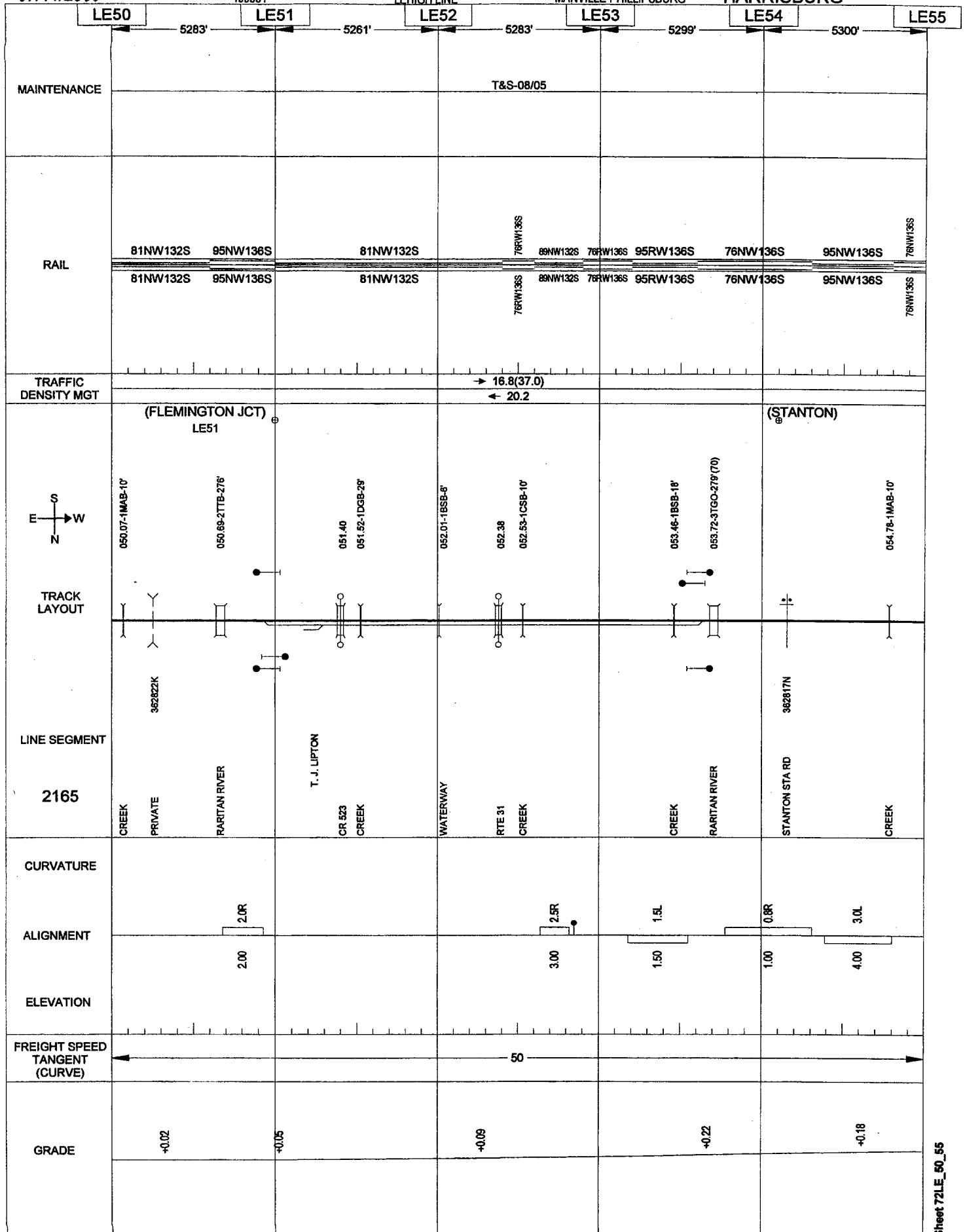
100501

049

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



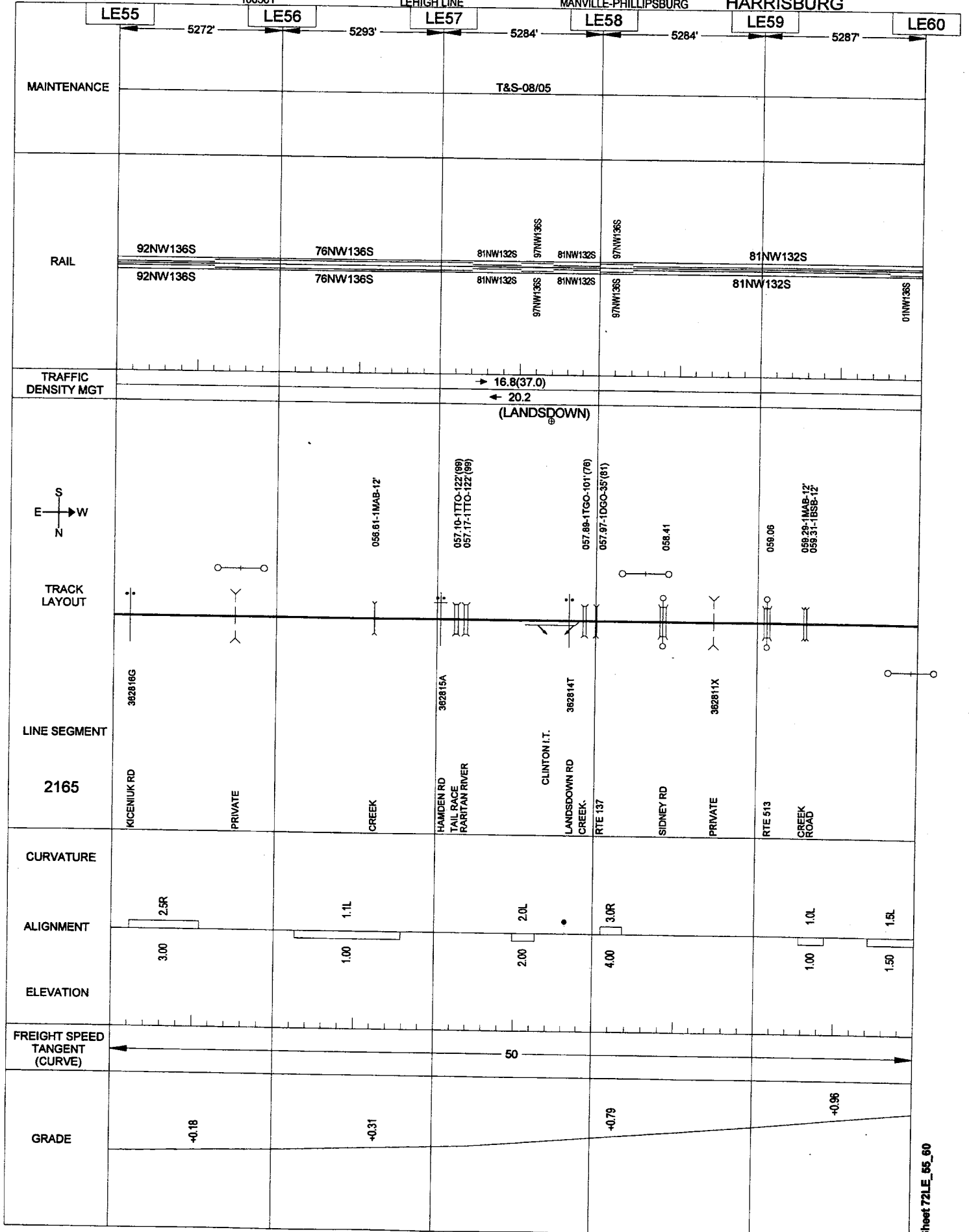
07/11/2006

100501

050
LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



HARRISBURG



07/11/2006

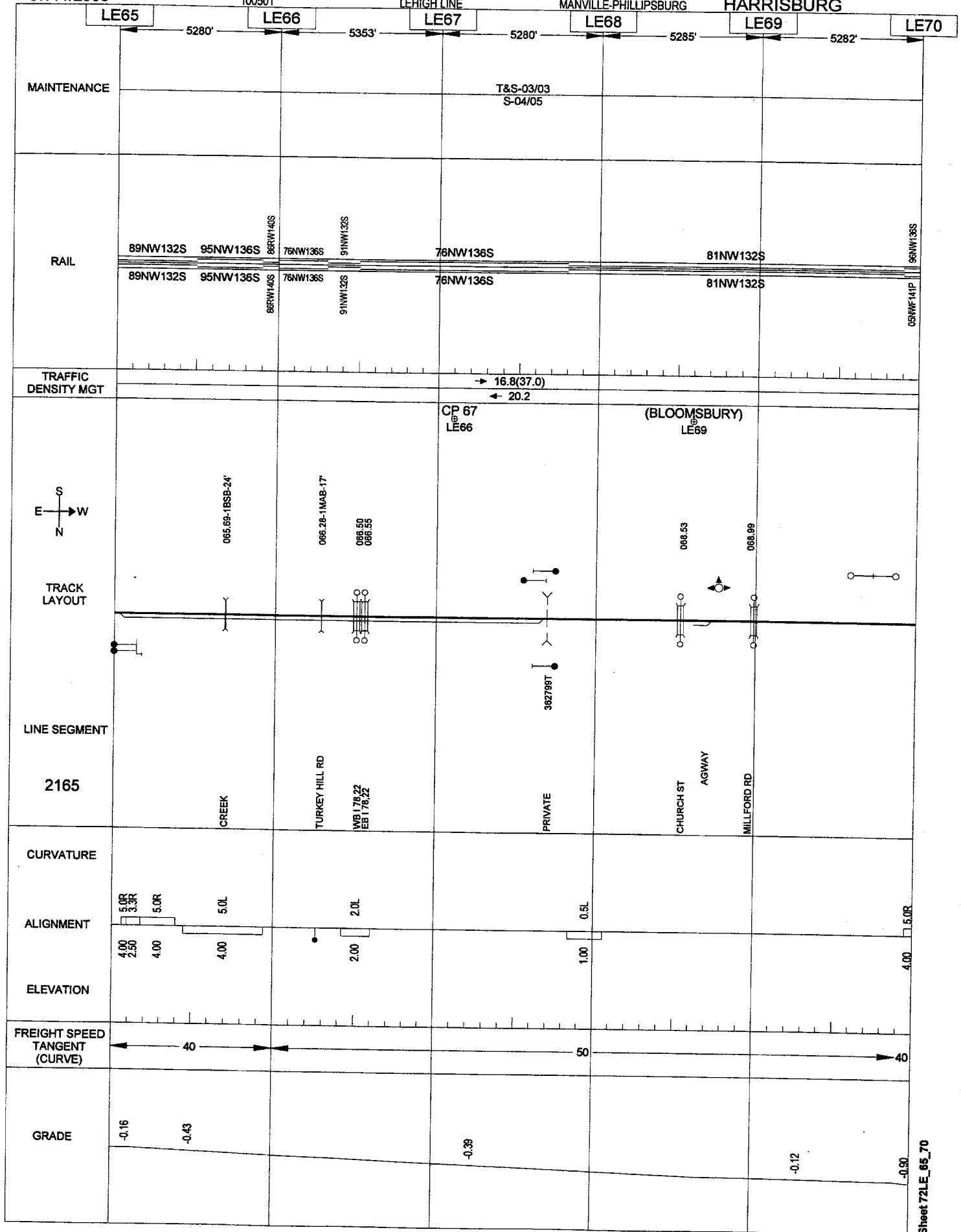
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052

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



07/11/2006

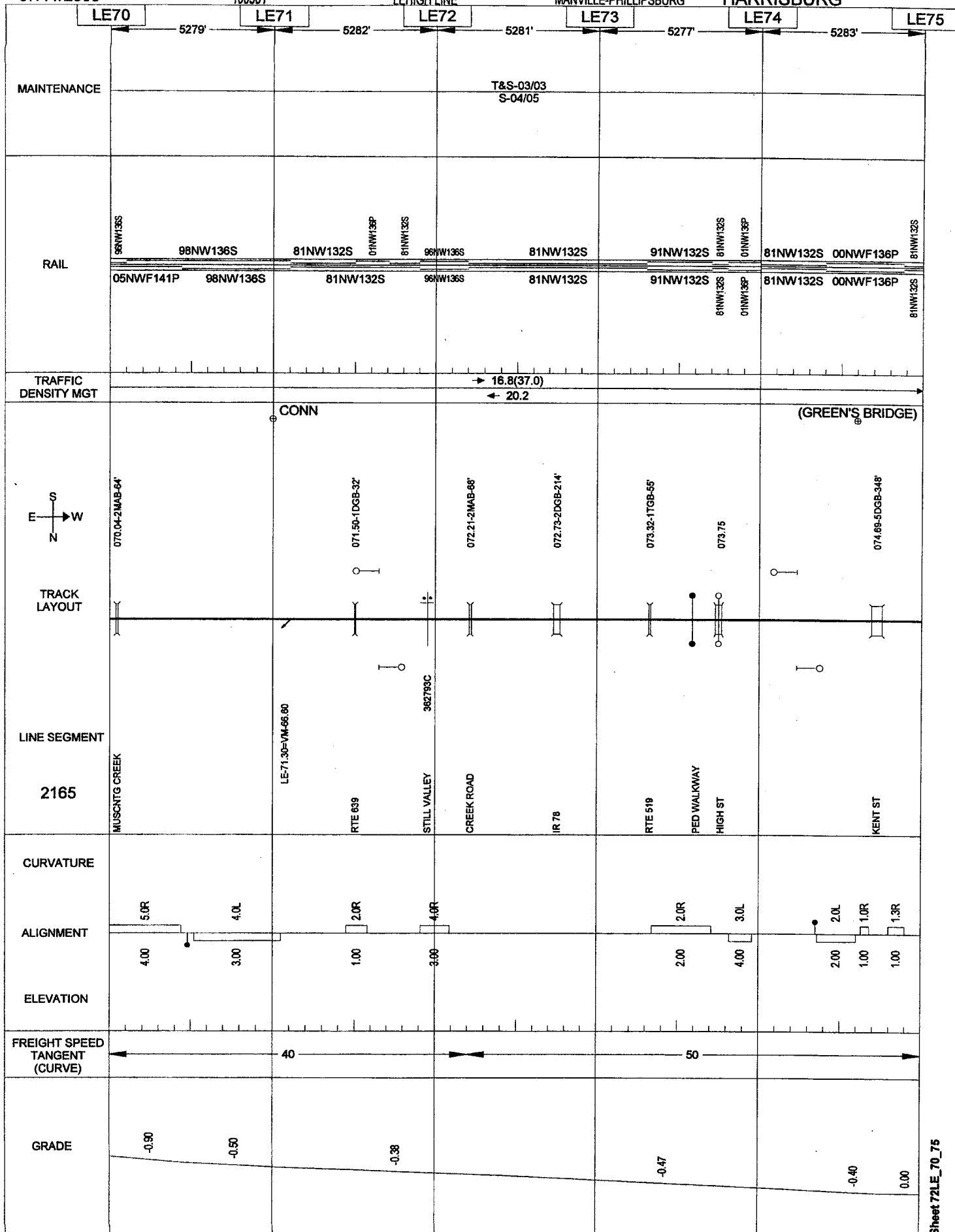
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053

LEHIGH LINE

MANVILLE-PHILLIPSBURG

HARRISBURG



07/11/2006

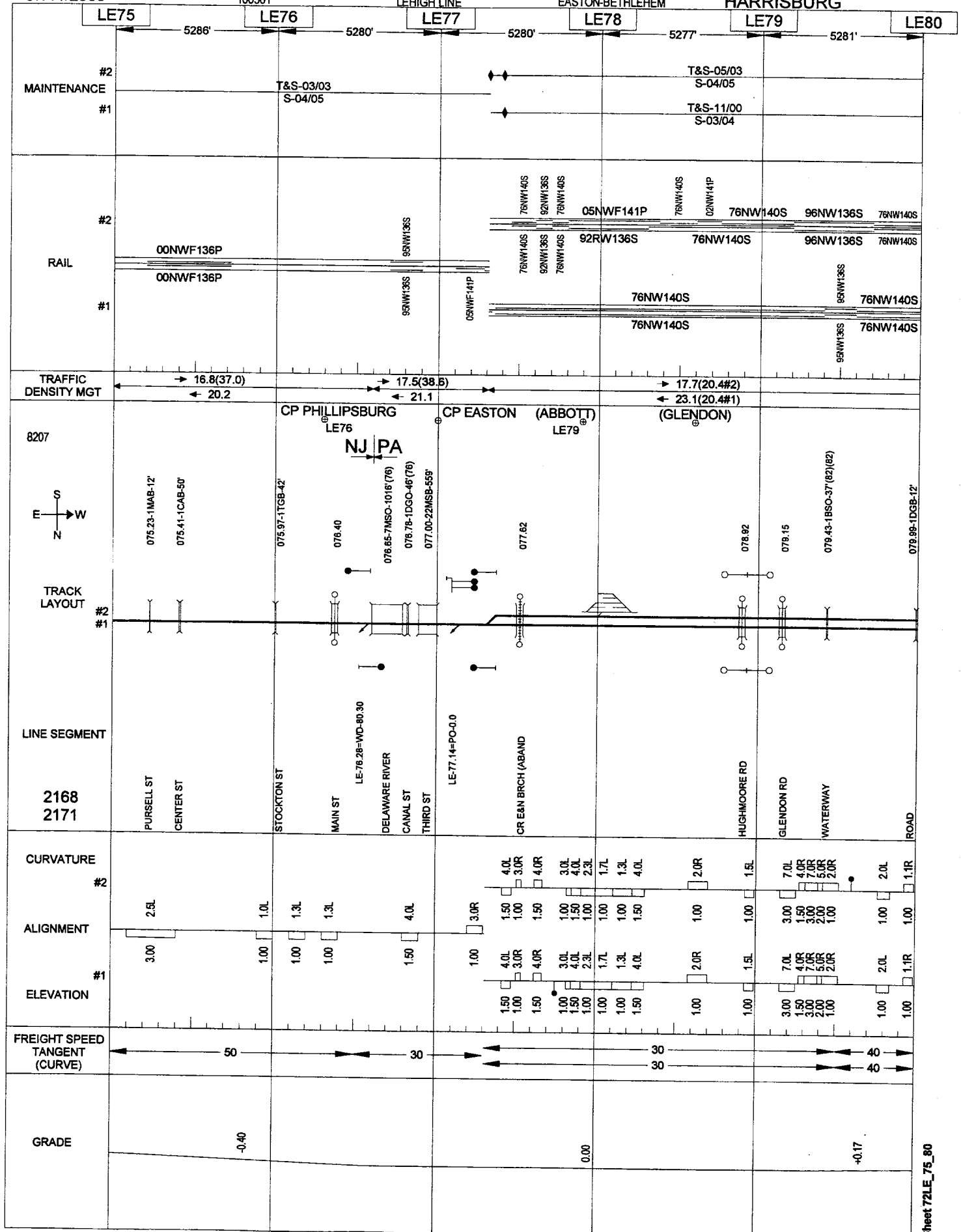
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054

LEHIGH LINE

EASTON-BETHLEHEM

HARRISBURG



07/11/2006

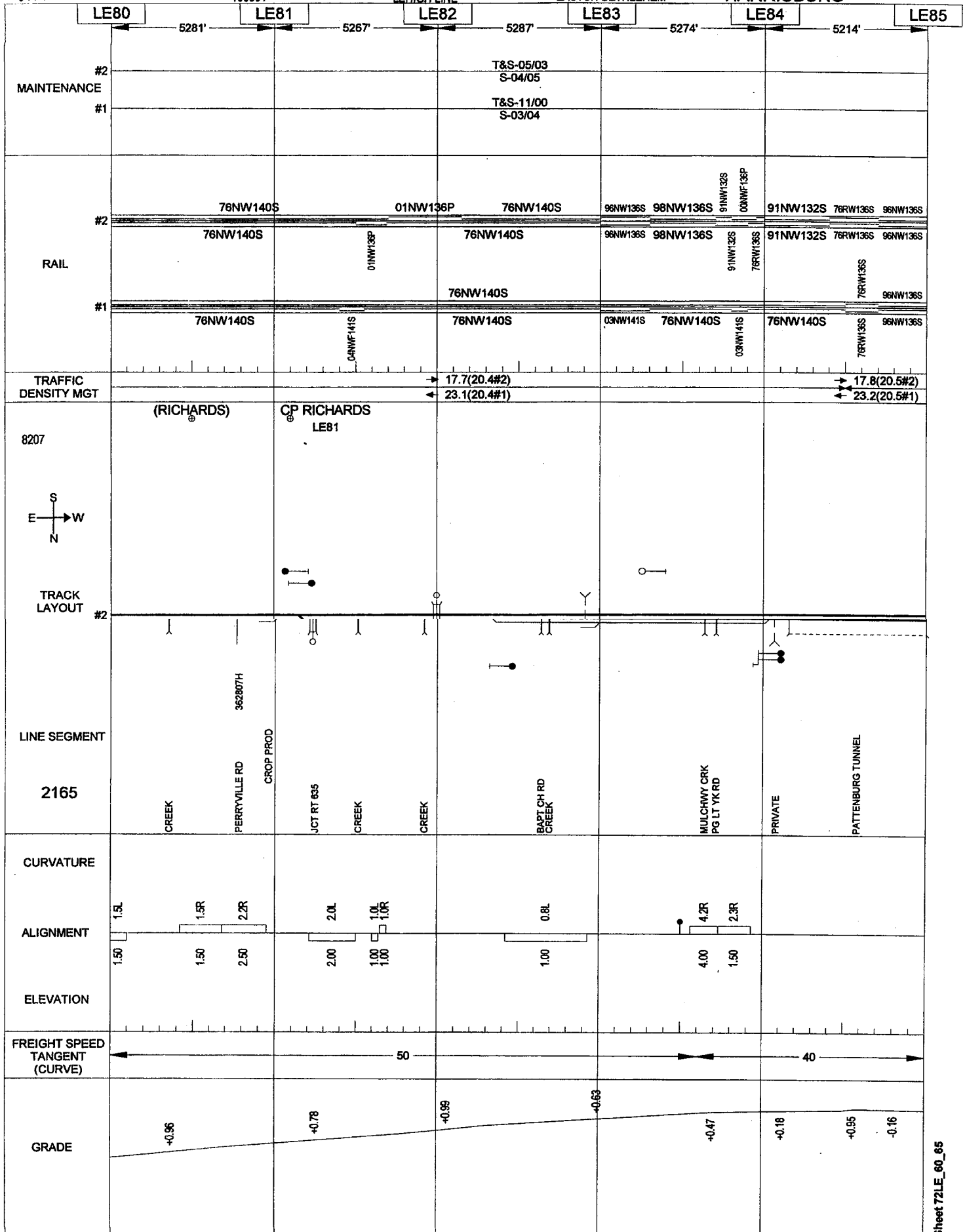
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055

LEHIGH LINE

EASTON-BETHLEHEM

HARRISBURG



07/11/2006

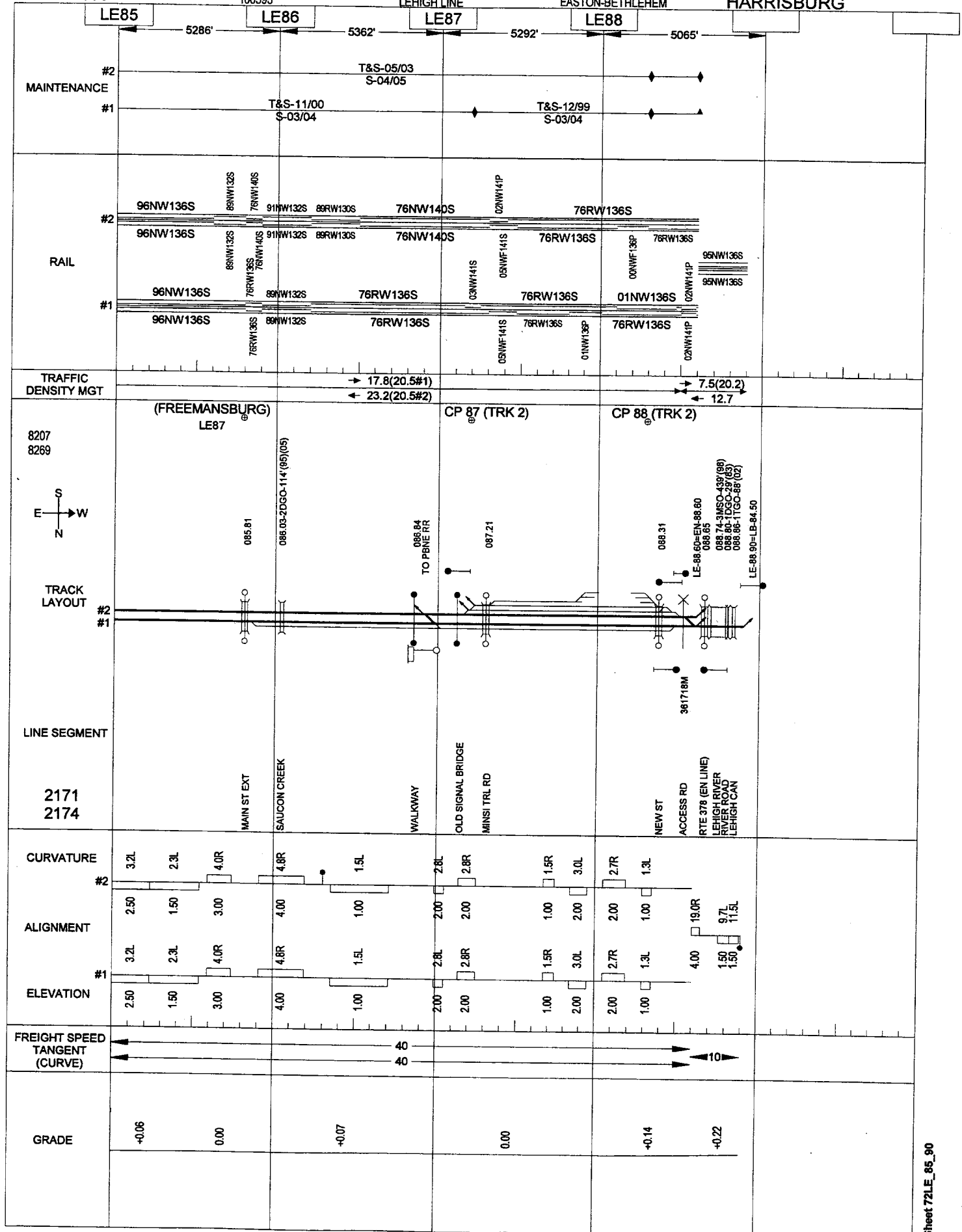
100593

056

LEHIGH LINE

EASTON-BETHLEHEM

HARRISBURG



EN90

- 5207 -

+0.15

Sheet 72EN_85_90

07/11/2006

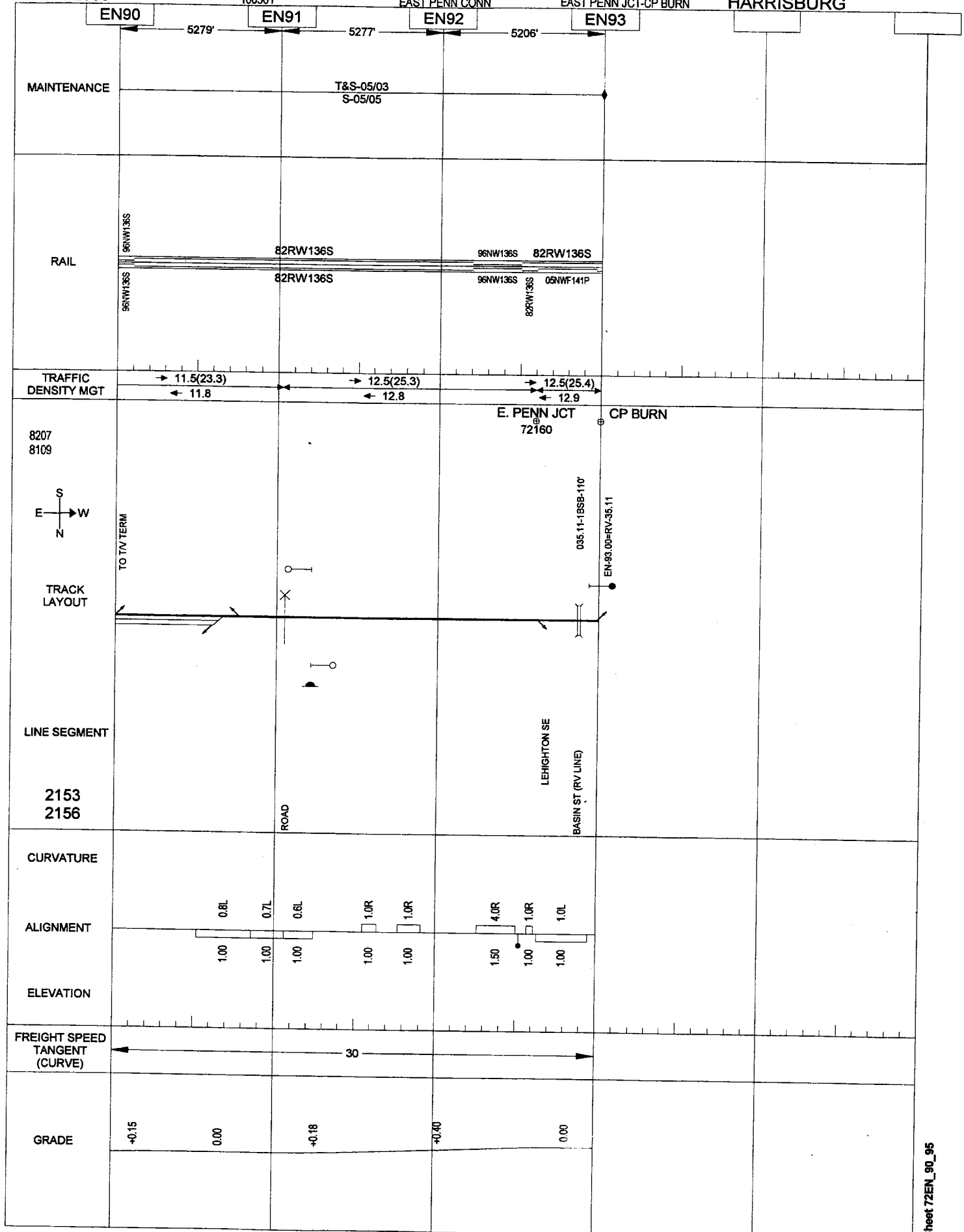
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058

EAST PENN CONN

EAST PENN JCT-CP BURN

HARRISBURG



07/11/2006

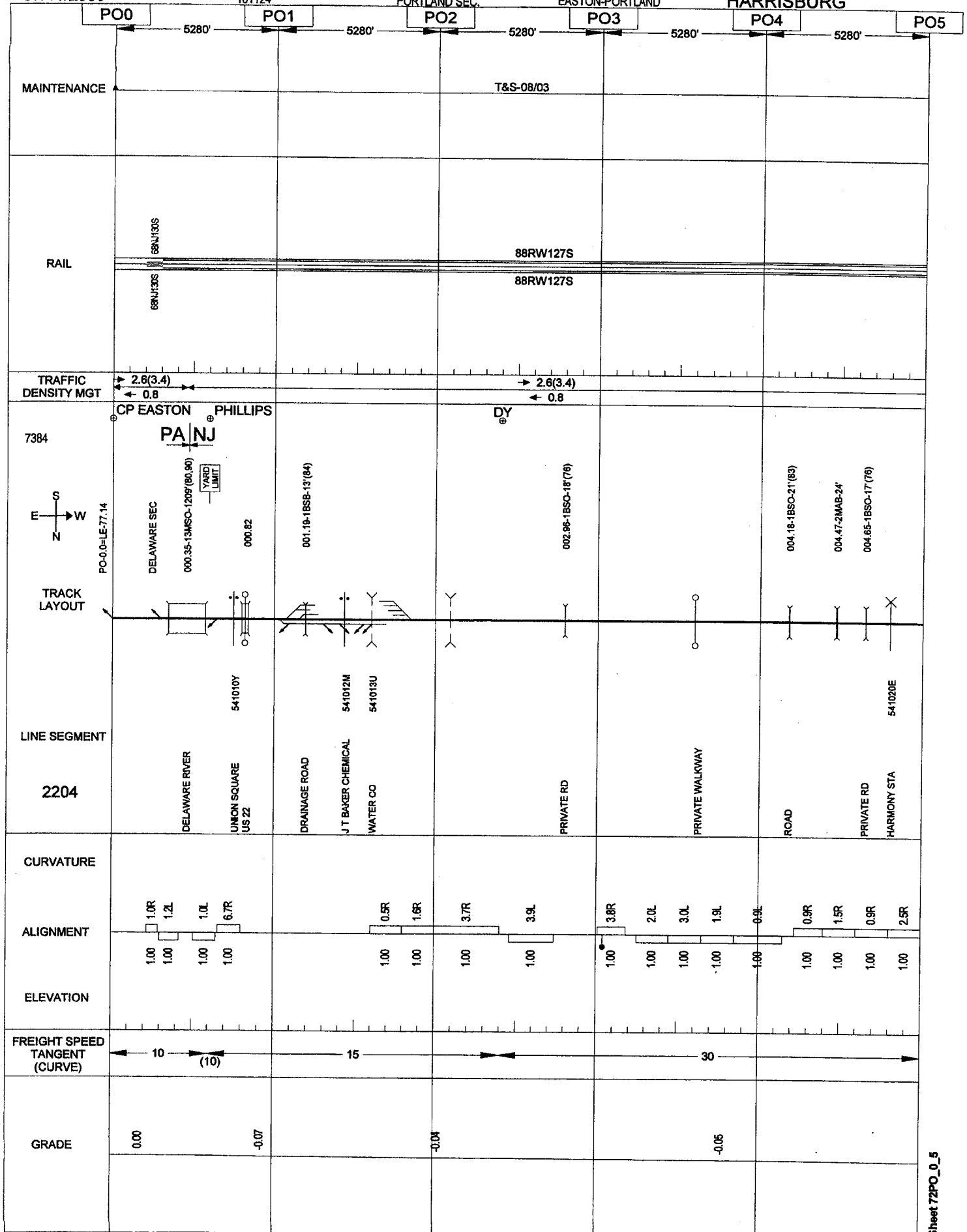
101124

059

PORTLAND SEC.

EASTON-PORTLAND

HARRISBURG



07/11/2006

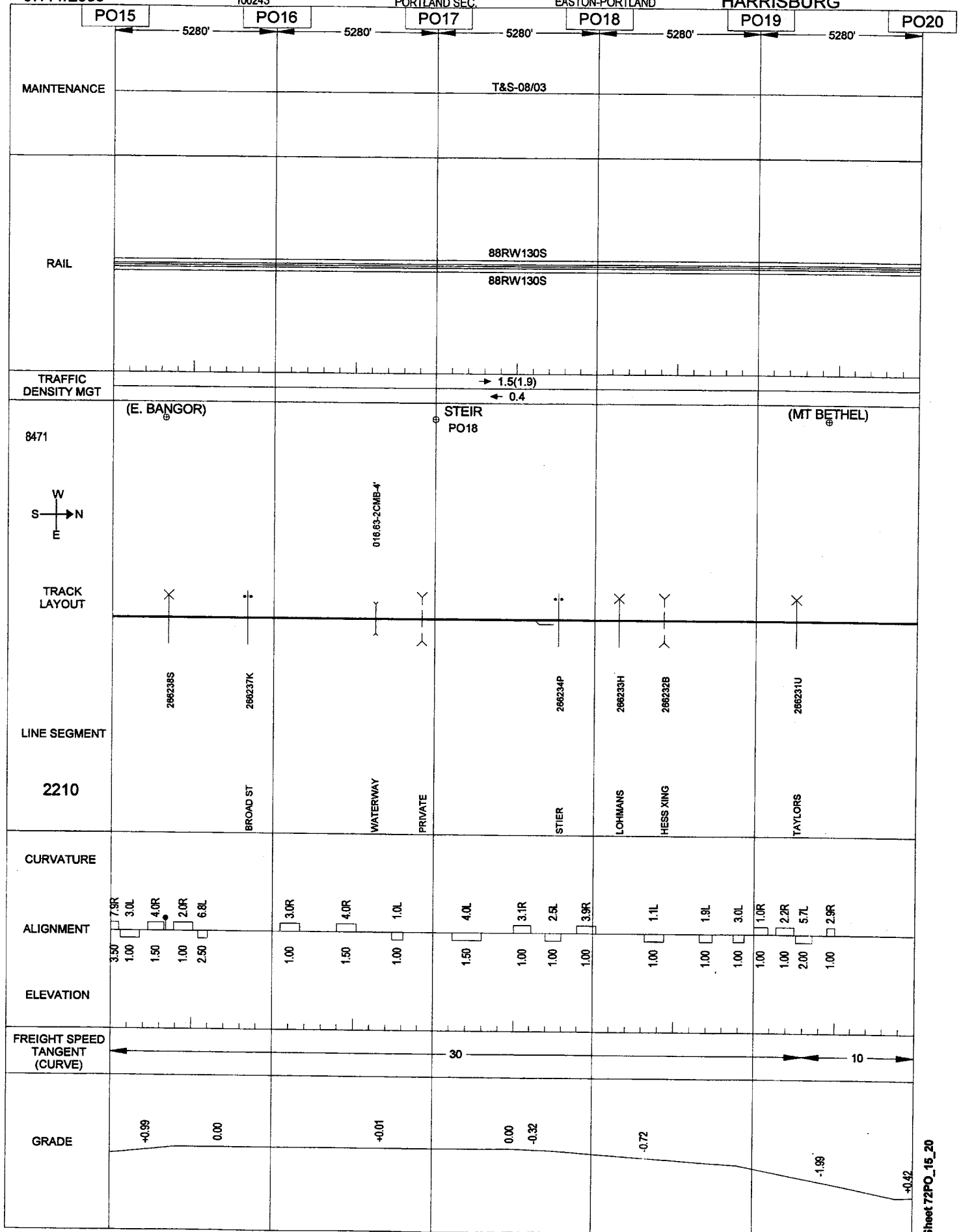
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062

PORTLAND SEC.

EASTON-PORTLAND

HARRISBURG



07/11/2006

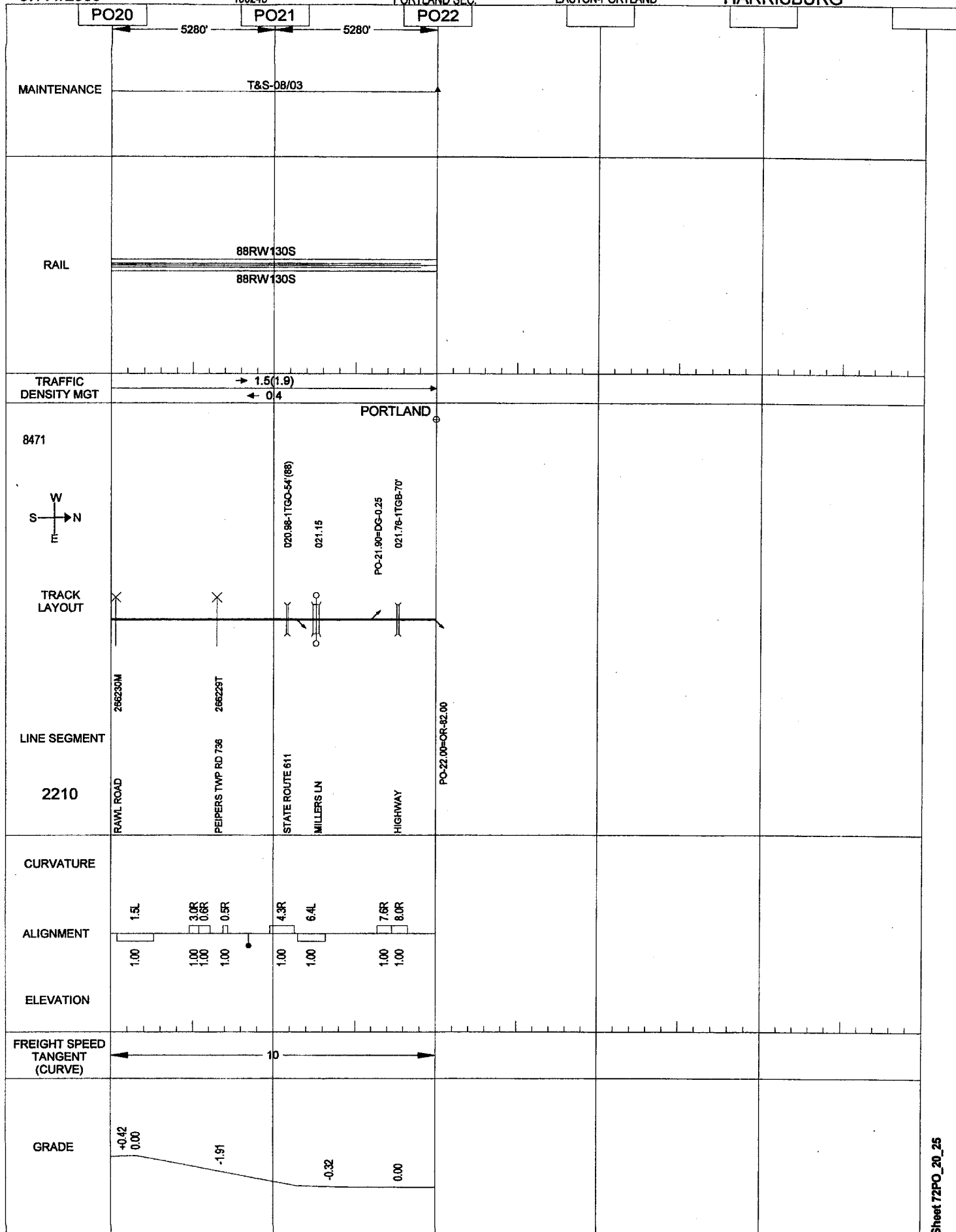
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063

PORTLAND SEC.

EASTON-PORTLAND

HARRISBURG



07/11/2006

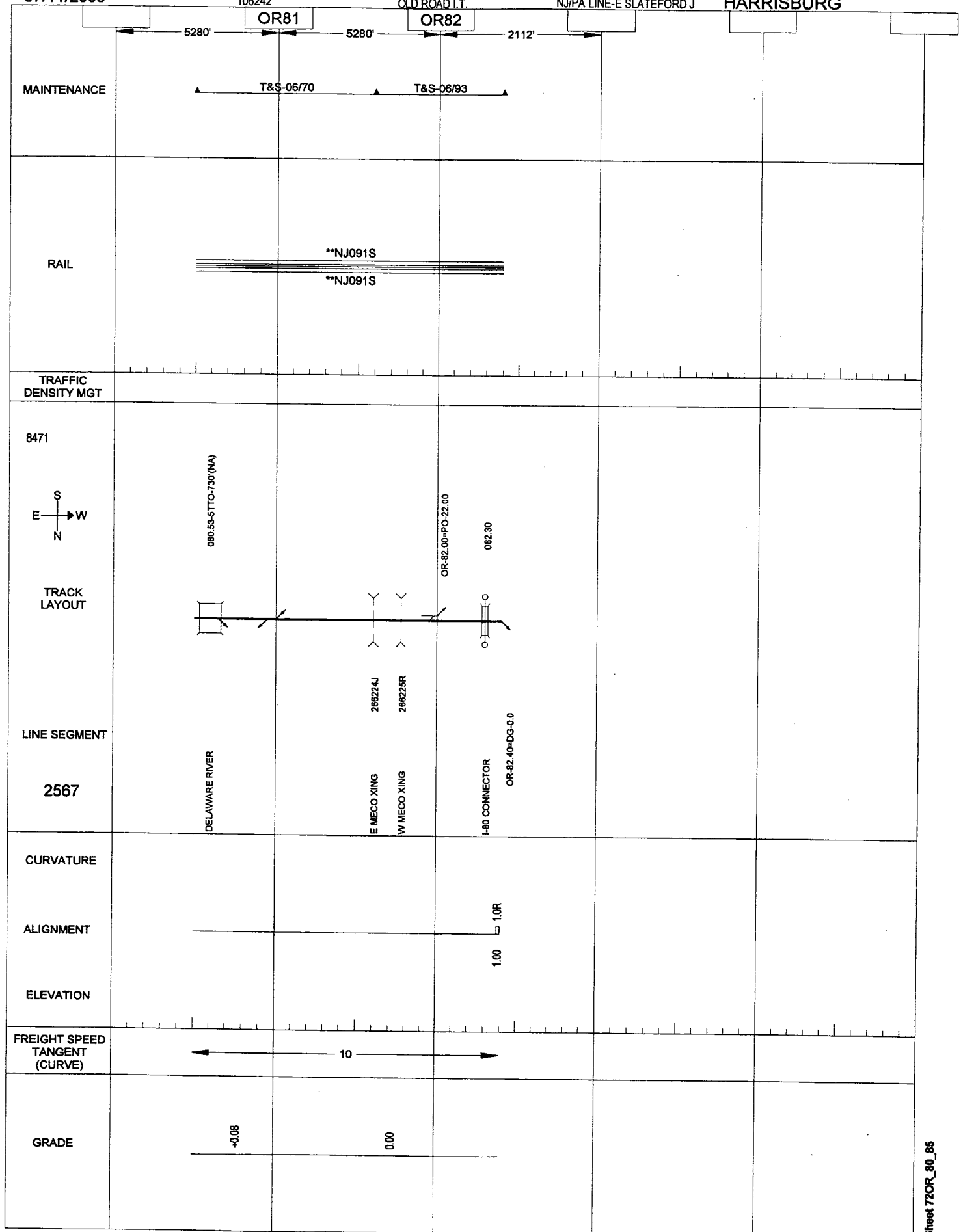
106242

064

OLD ROAD I.T.

NJ/PA LINE-E SLATEFORD J

HARRISBURG



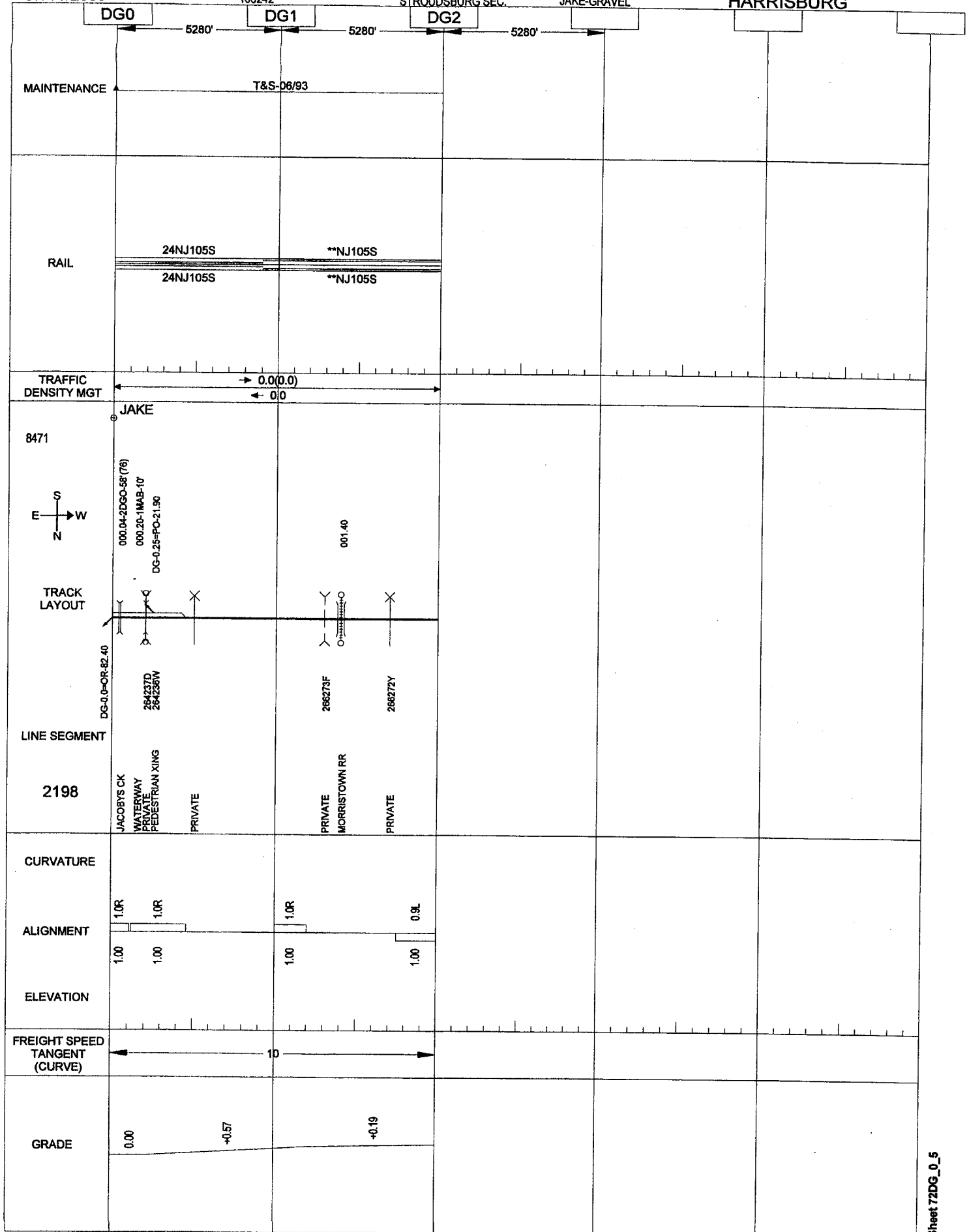
07/11/2006

106242

065
STROUDSBURG SEC.

JAKE-GRAVEL

HARRISBURG



07/11/2006

101124

066

BELVIDERE I.T.

BELVIDERE-ROXBURG

HARRISBURG

JV71

JV72

JV73

JV74

JV75

5683'

5280'

5277'

5278'

MAINTENANCE

T&S-06/97

RAIL

58NJ100S

66NJ115S

68NW155S

58NJ100S

66NJ115S

68NW155S

TRAFFIC
DENSITY MGT

→ 0.0(0.1)

← 0.1

→ 0.0(0.1)

← 0.1

8292
7384S
E → W
NTRACK
LAYOUT(MANSFIELD)
⊕
(BELVIDERE)
JV71(ROXBURG)
⊕

071.52

072.40-1CSB-12'
072.47-2BSO-38' (70)

073.04

073.30-1MAB-12'
073.48-1CAB-10'

074.87-1CSB-15'

LINE SEGMENT

2114
2117

GREENWICH ST

JV-72.00=QE-64.00

PRIVATE RD
PUBLIC ROADC J BENKENDORF
541032Y

FOUL RIFT RD

PUBLIC ROAD
PRIVATE RD

PUBLIC ROAD

CURVATURE

ALIGNMENT

ELEVATION

3.0R
1.004.5L
1.000.5L
1.002.7L
1.003.3L
1.002.5R
1.000.8R
1.001.6R
1.004.2R
1.003.4L
1.000.5R
1.003.6R
1.003.9L
1.003.1R
1.003.9R
1.000.5R
1.00FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

0.00

+0.05

-0.37

0.00

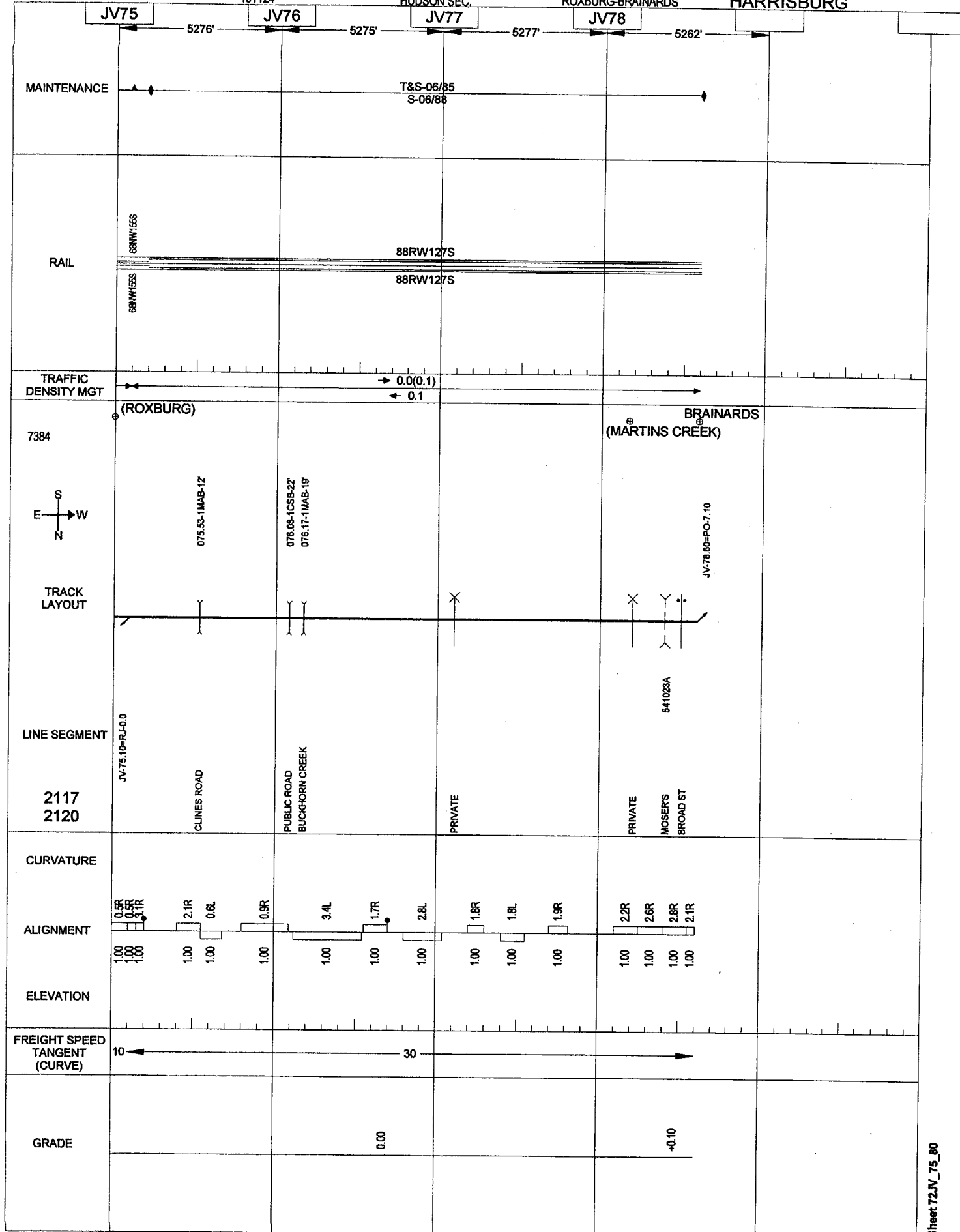
07/11/2006

101124

067
HUDSON SEC.

ROXBURG-BRAINARDS

HARRISBURG



07/11/2006

101124

068

BELVIDERE I.T.

BELVIDERE

HARRISBURG

QE64

QE65

5278'

T&S-06/92

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGTTRACK
LAYOUT

LINE SEGMENT

2591

CURVATURE

ALIGNMENT

ELEVATION

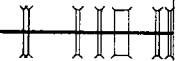
FREIGHT SPEED
TANGENT
(CURVE)

GRADE

(BELVIDERE)

QE-64.00-JV-72.00

064.39-1CAB-17'
064.41-1CSB-22'
064.60-3TGB-74'
064.89-3TGB-73'
064.76-9MSC-318' (84)
064.93-3TGB-72'
064.98-1CSB-58' (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

07/11/2006

101124

069
BELVIDERE I.T.

BELVIDERE

HARRISBURG

QE65

1584'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT



TRACK
LAYOUT

065.08



LINE SEGMENT

2591

MARKET ST

CURVATURE

ALIGNMENT

6.3R

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.08

07/11/2006

100231

070

MIDDLE BROOK I.T.

BROOK-QUARRY

HARRISBURG

0DG

1DG

5280'

5280'

MAINTENANCE

T&S-06/87

RAIL

TRAFFIC
DENSITY MGT

8272

BROOK[®]
MANVILLES
E → W
N

000.27-1BSO-38'(76)

000.91-4TGB-263'

TRACK
LAYOUT

LINE SEGMENT

2972

171301R

171303E

171305T

171308N

171309V

171312D

171322J

171321C

171320V

MAIN ST.

CREEK

PRIVATE

UNION AVE-SR 28

RT 22

CHIMNEY ROCK RD

US 22

CURVATURE

ALIGNMENT

ELEVATION

9.0L

0.5R

0.5L

7.0R

4.0L

1.00

1.00

1.00

1.00

1.00

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.23

-0.24

0.00

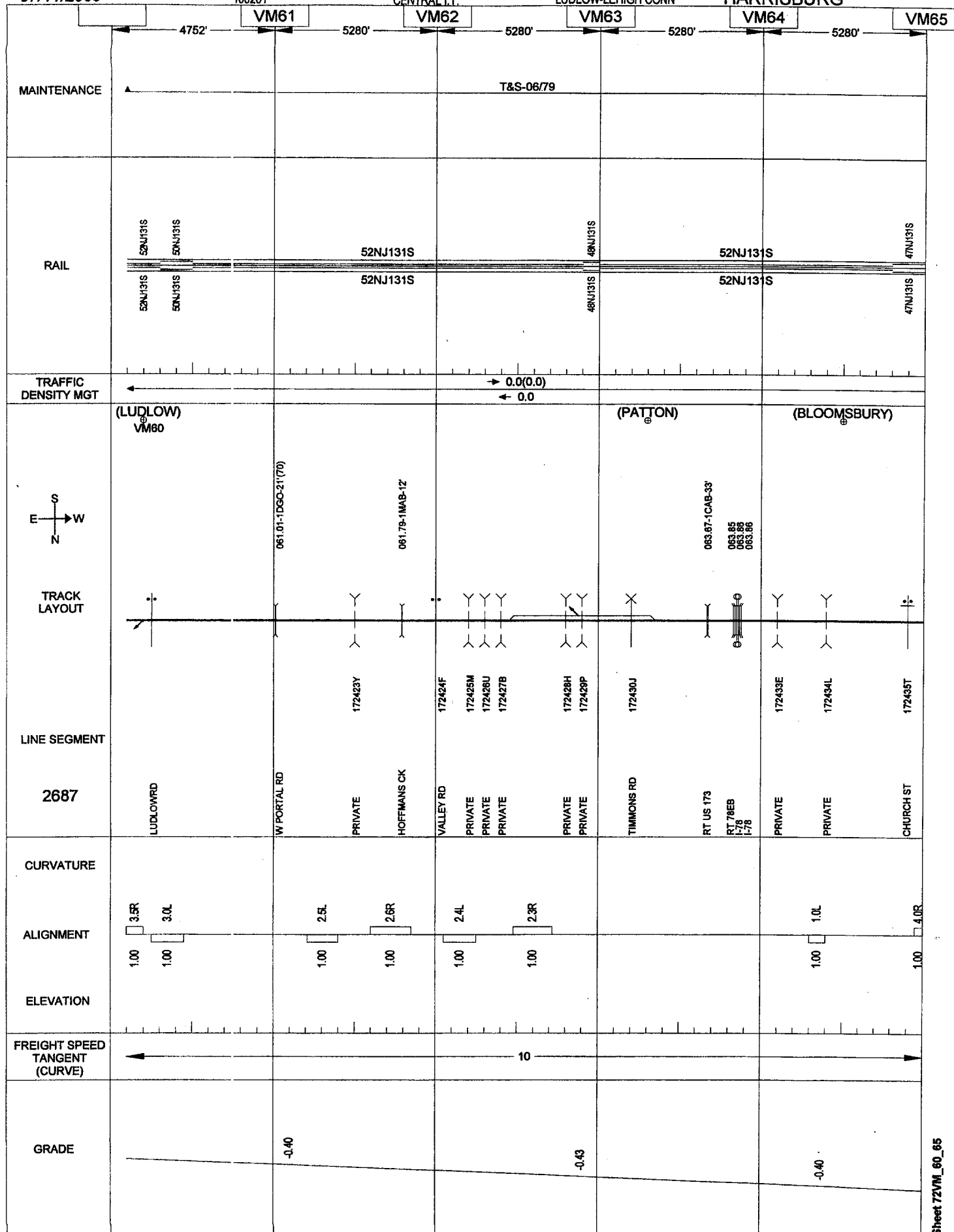
07/11/2006

100201

071
CENTRAL I.T.

LUDLOW-LEHIGH CONN

HARRISBURG



07/11/2006

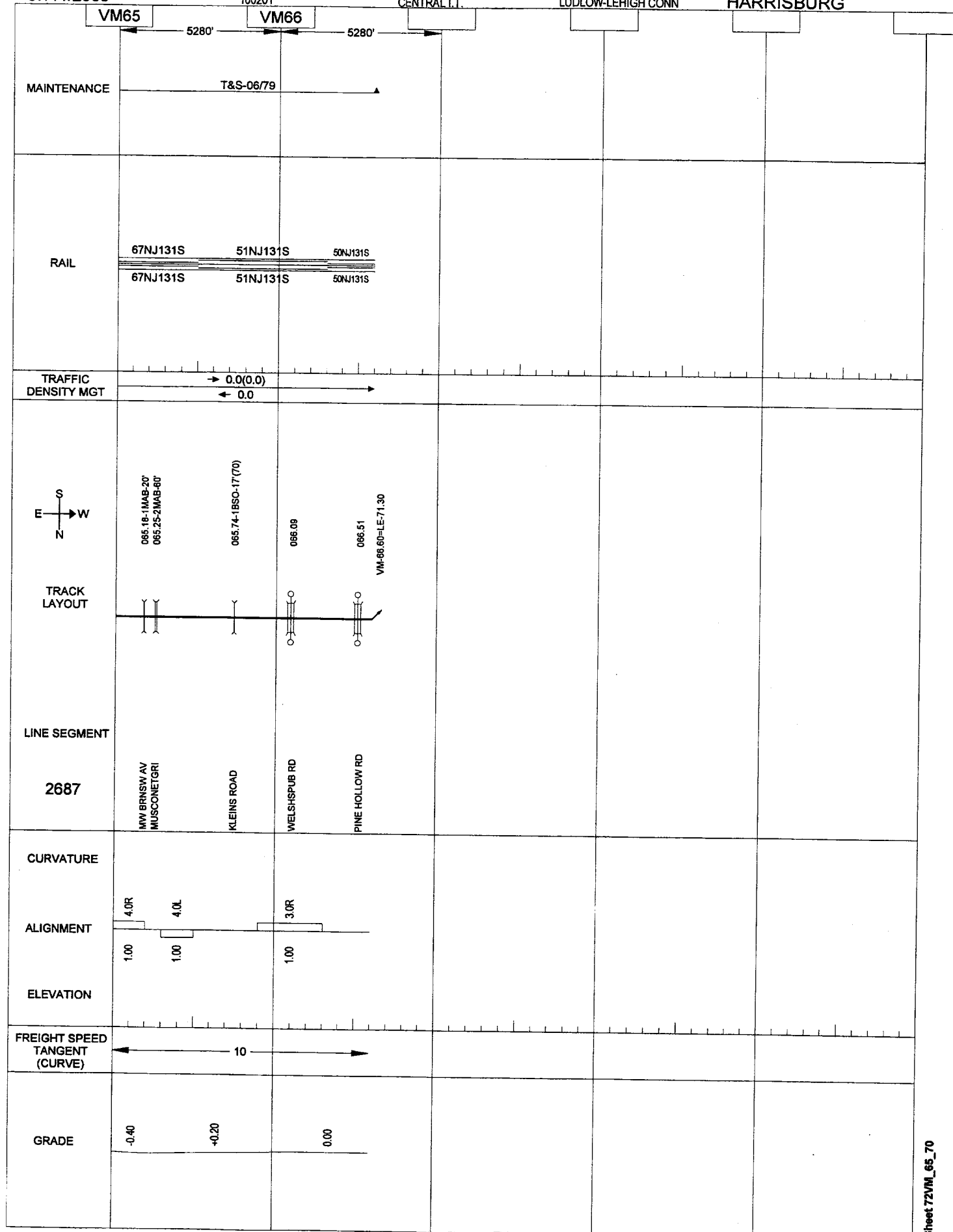
100201

072

CENTRAL I.T.

LUDLOW-LEHIGH CONN

HARRISBURG



07/11/2006

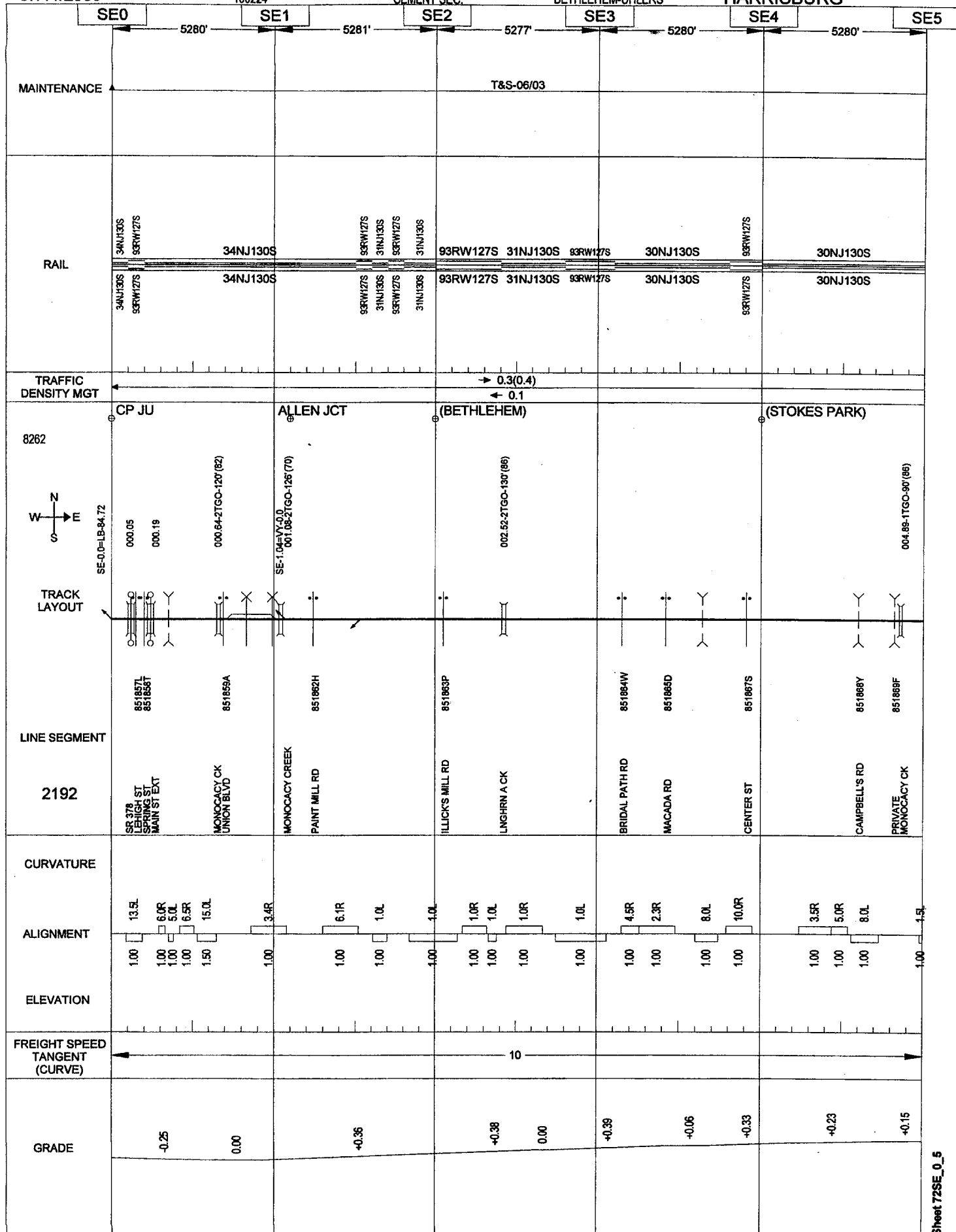
100224

073

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



07/11/2006

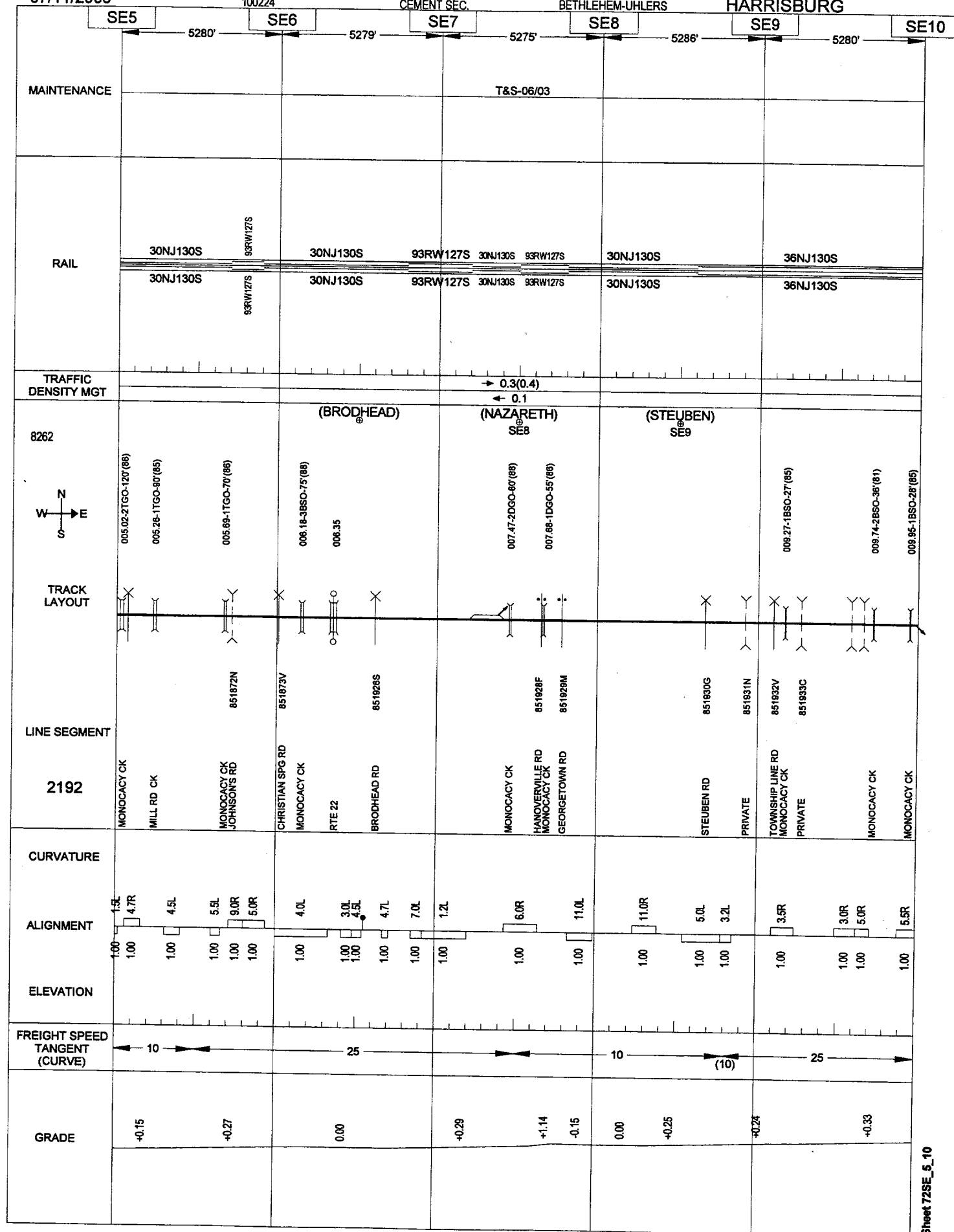
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074

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



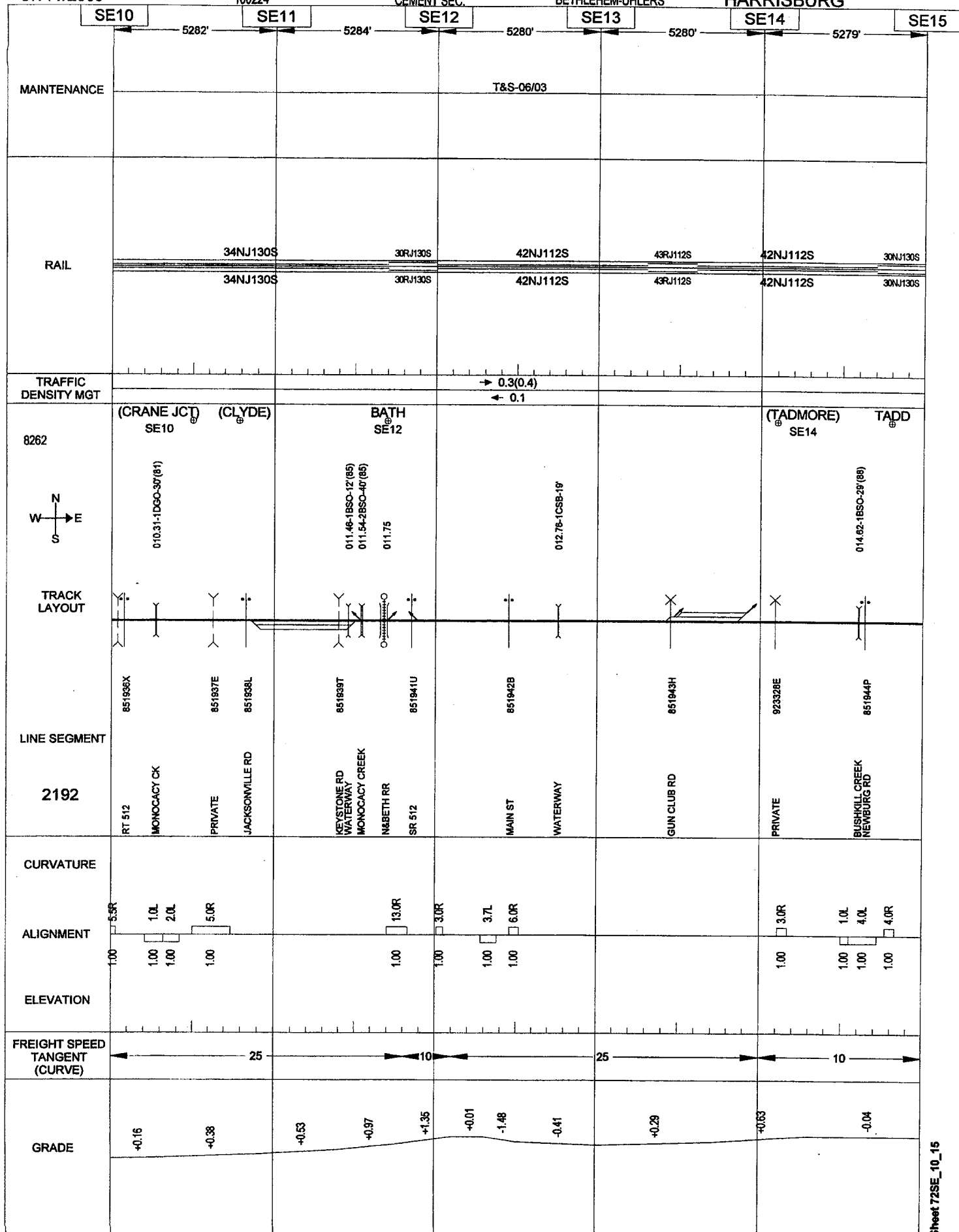
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100224

075
CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



07/11/2006

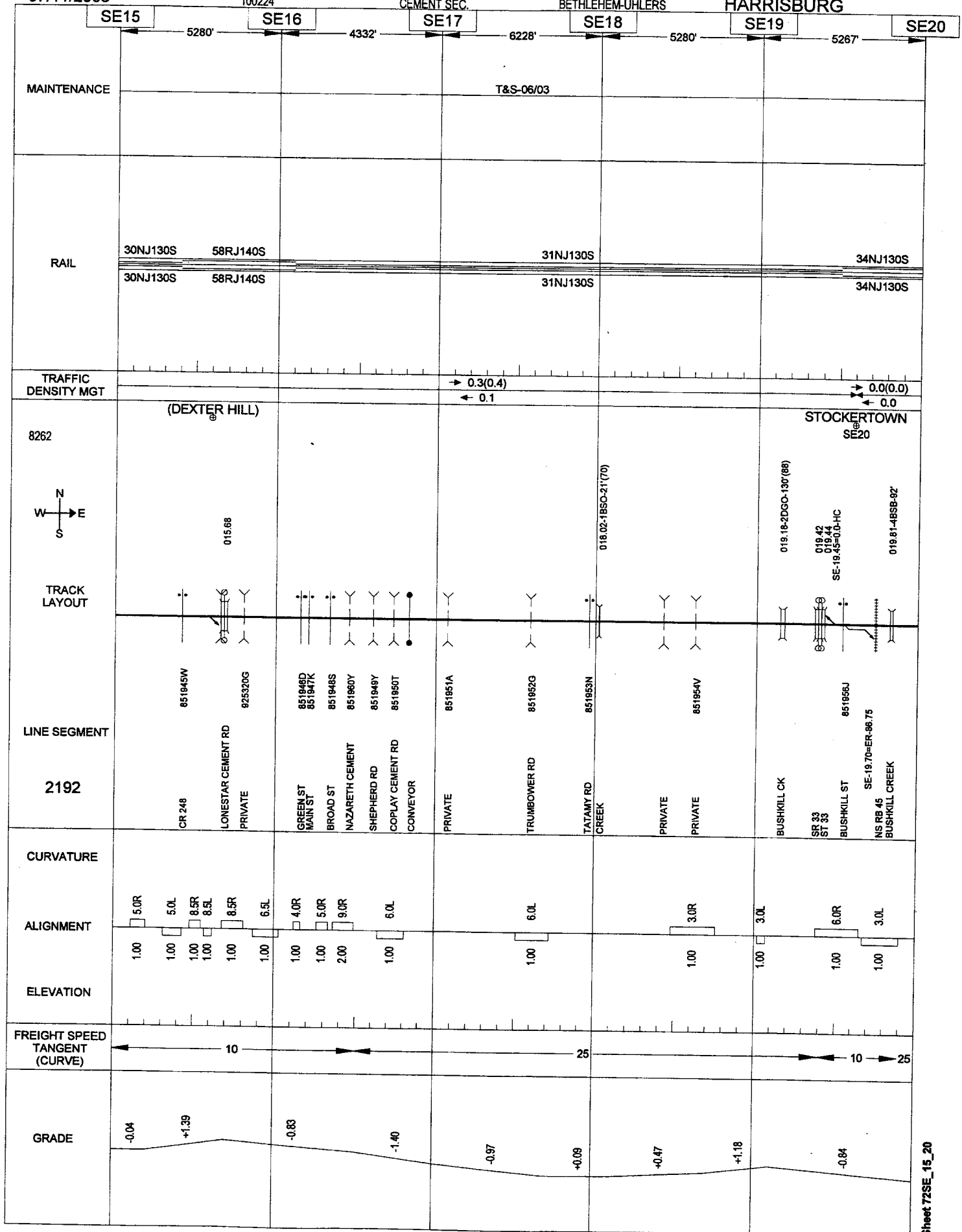
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076

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



07/11/2006

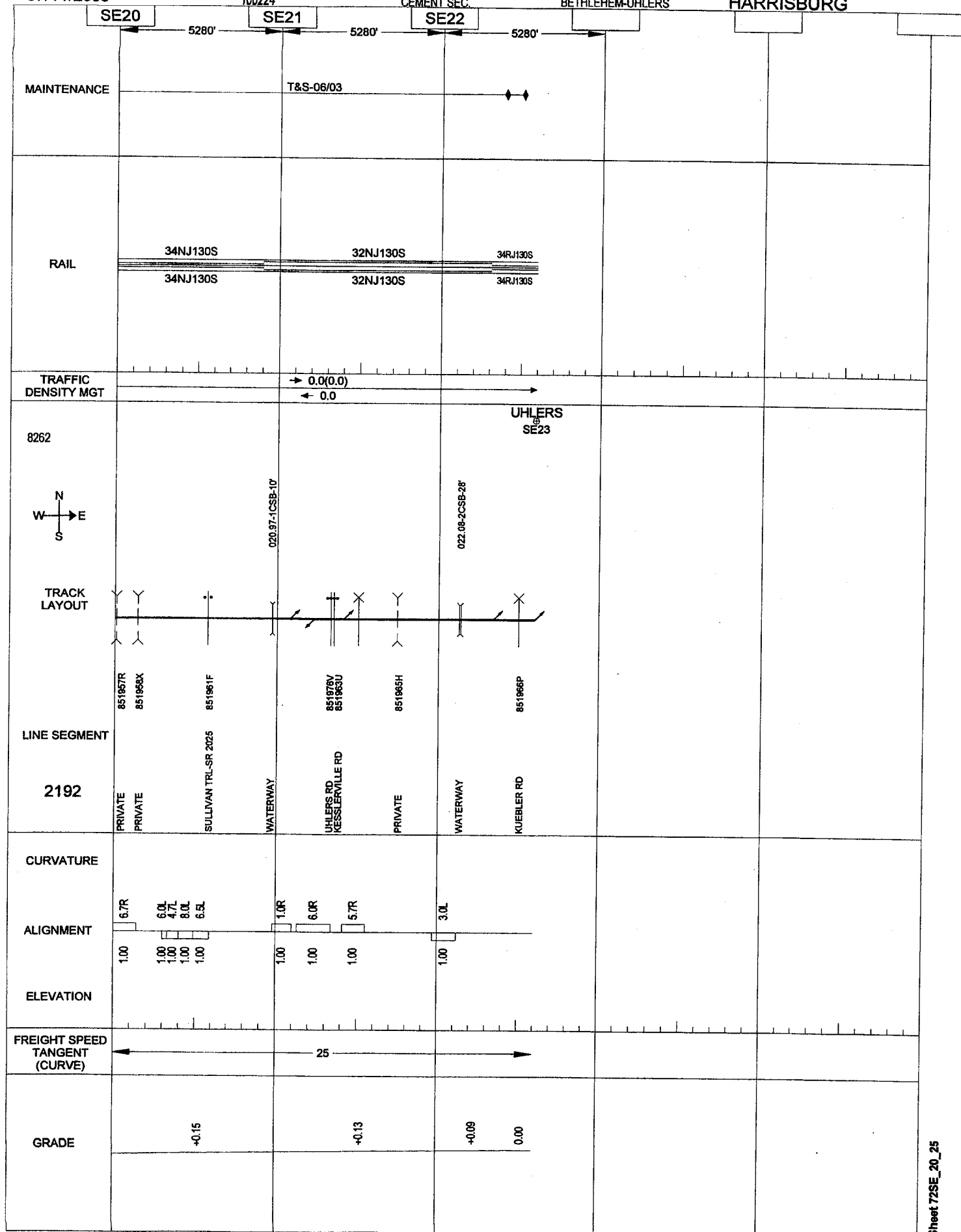
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077

CEMENT SEC.

BETHLEHEM-UHLERS

HARRISBURG



07/11/2006

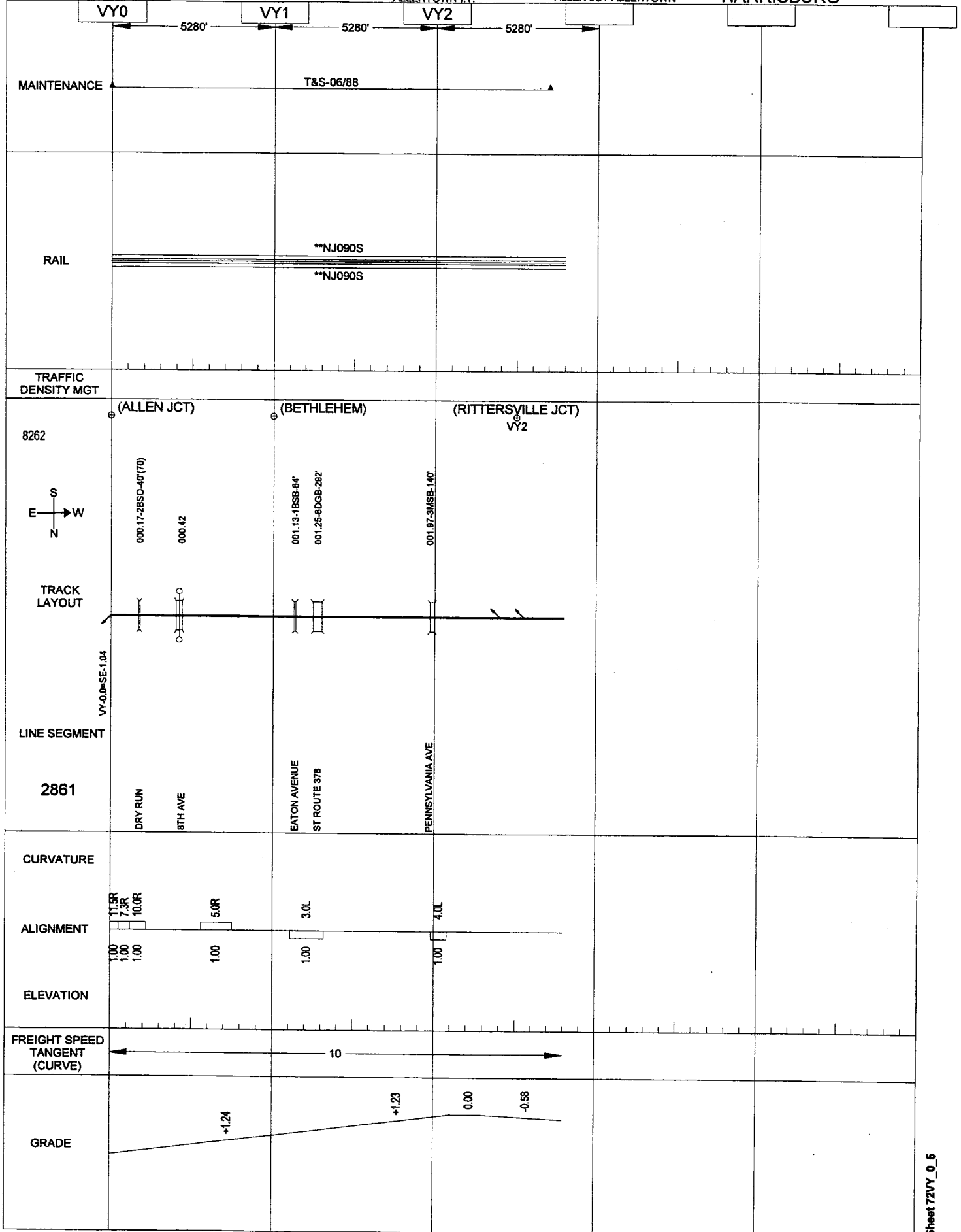
100299

078

ALLENTOWN I.T.

ALLEN JCT-ALLENTOWN

HARRISBURG



07/11/2006

100513

079
E & N.I.T.
ER87

13TH ST JCT-END

HARRISBURG

5284'

5281'

MAINTENANCE

RAIL

**NJ100S

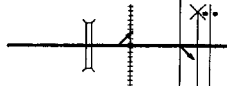
**NJ100S

TRAFFIC
DENSITY MGT

W
S — N
E

TRACK
LAYOUT

088.62-2DGO-114 (70)
ER-86.75-SE-19.70



LINE SEGMENT

2469

BUSHKILL CK
NS RB 45

BUSHKILL ST
CENTER ST

CURVATURE

ALIGNMENT

3.0R
1.00

3.0L
1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.96
0.00
-0.19
+1.46

07/11/2006

106243

080
NAZARETH I.T.

BELFAST JCT-DEXTER HILL

HARRISBURG

AV104

5280'

5280'

MAINTENANCE

T&S-06/67

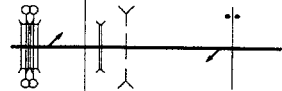
RAIL

21NJ105S **NJ105S

21NJ105S **NJ105S

TRAFFIC
DENSITY MGT

8471

W
S → N
ETRACK
LAYOUT(HERCULES JCT)
AV104103.76
103.78
AV-103.85=0.80-HC
104.06-1 DGO-54'(67)

LINE SEGMENT

2048

CURVATURE

ALIGNMENT

ELEVATION

3.0R
1.003.0R
1.00FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

0.00 +1.16 +1.52 0.00

07/11/2006

100521

081
LEHIGH LINE (L&S)

CP JU-LEHIGHTON

HARRISBURG

LB84

LB85

5280'

MAINTENANCE

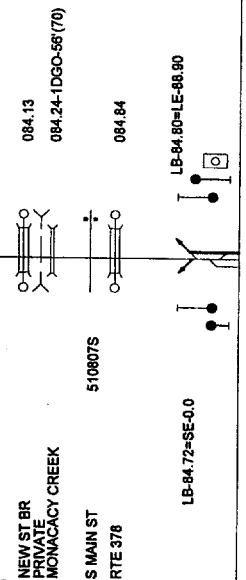
RAIL

SSWH136S
SSWH136STRAFFIC
DENSITY MGT7.5(20.4)
12.9

8269

TRACK
LAYOUT

LINE SEGMENT

2177
2180

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

20

GRADE

0.00

07/11/2006

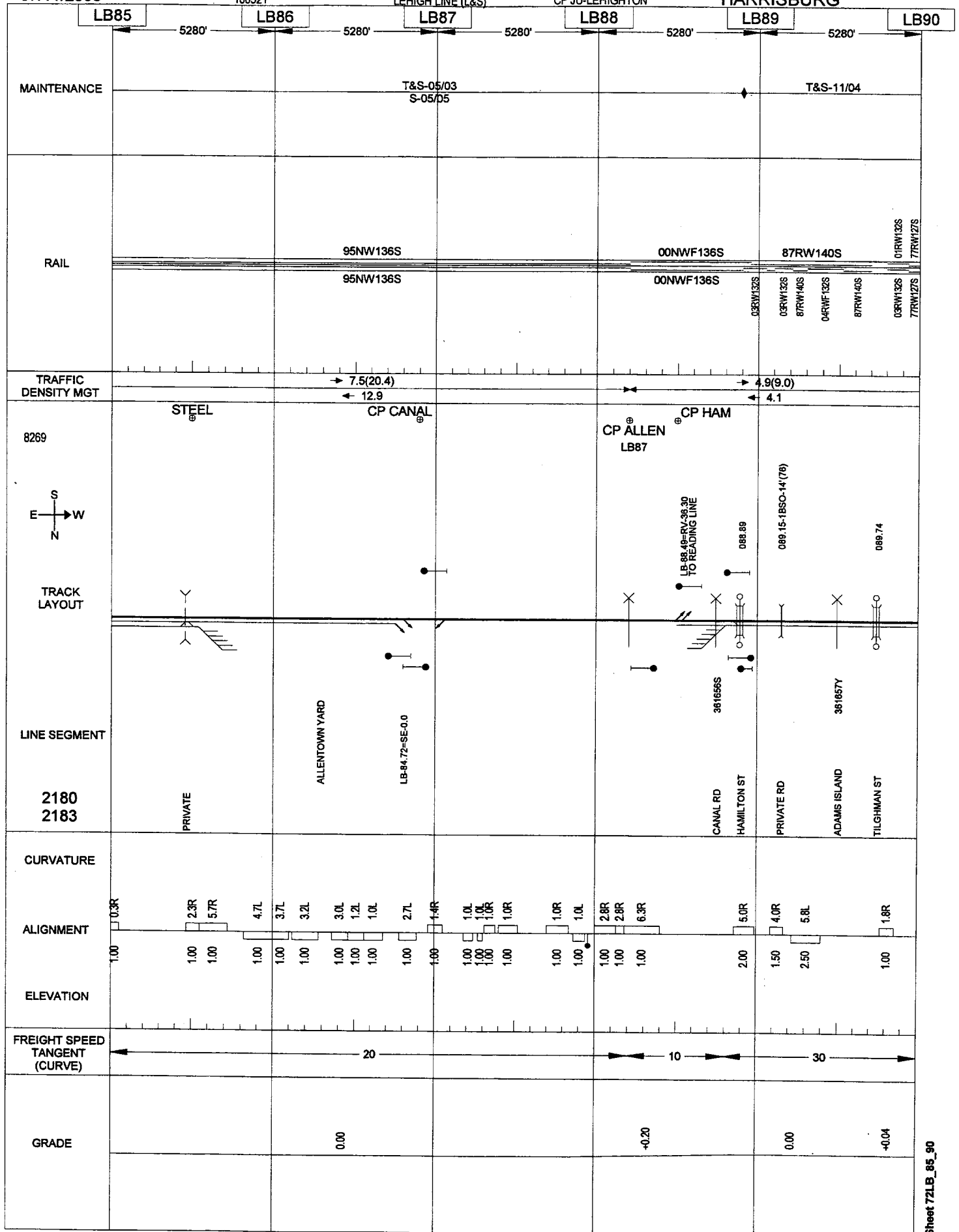
100521

082

LEHIGH LINE (L&S)

CP JU-LEHIGH TON

HARRISBURG



07/11/2006

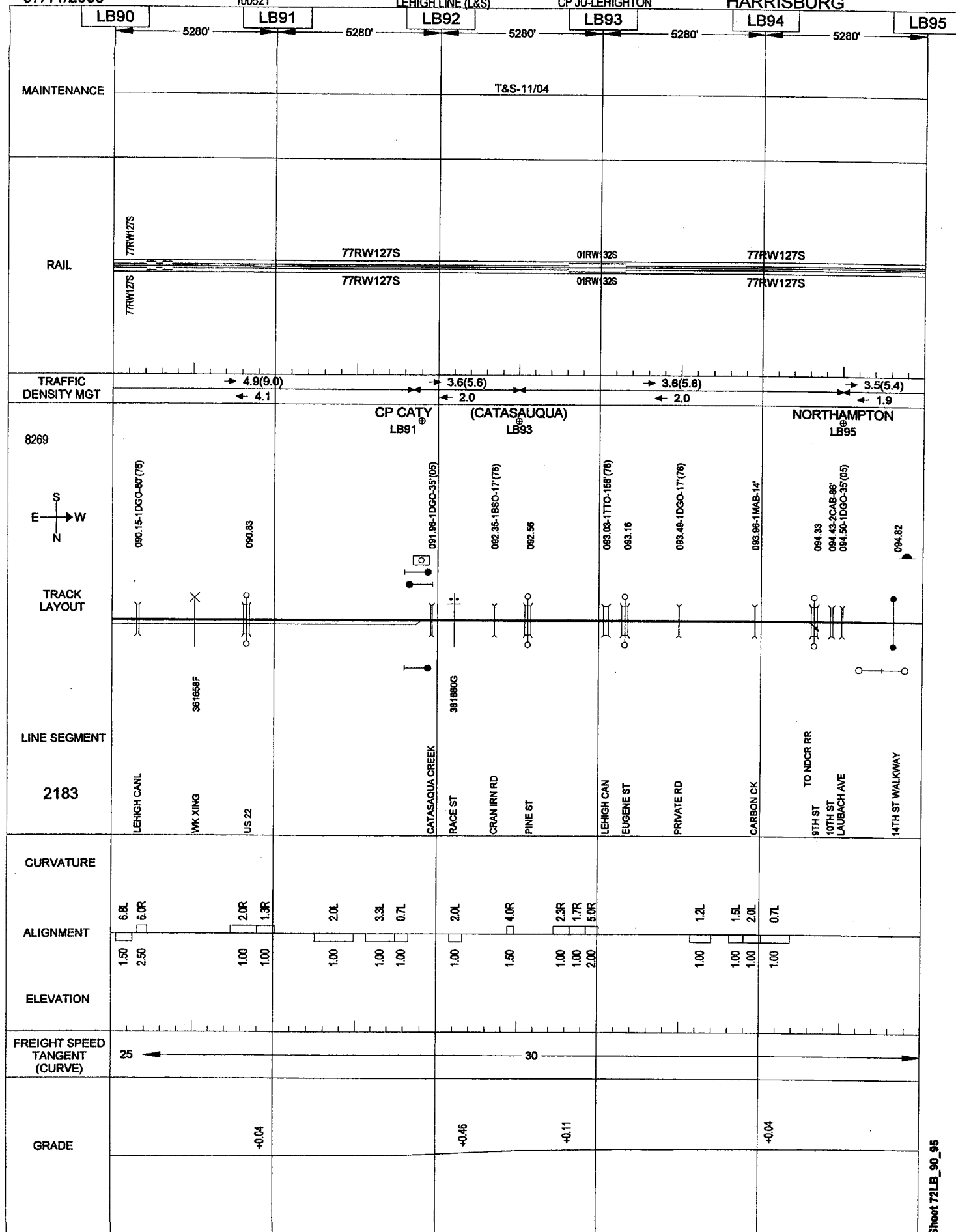
100521

083

LEHIGH LINE (L&S)

CP JU-LEHIGHTON

HARRISBURG



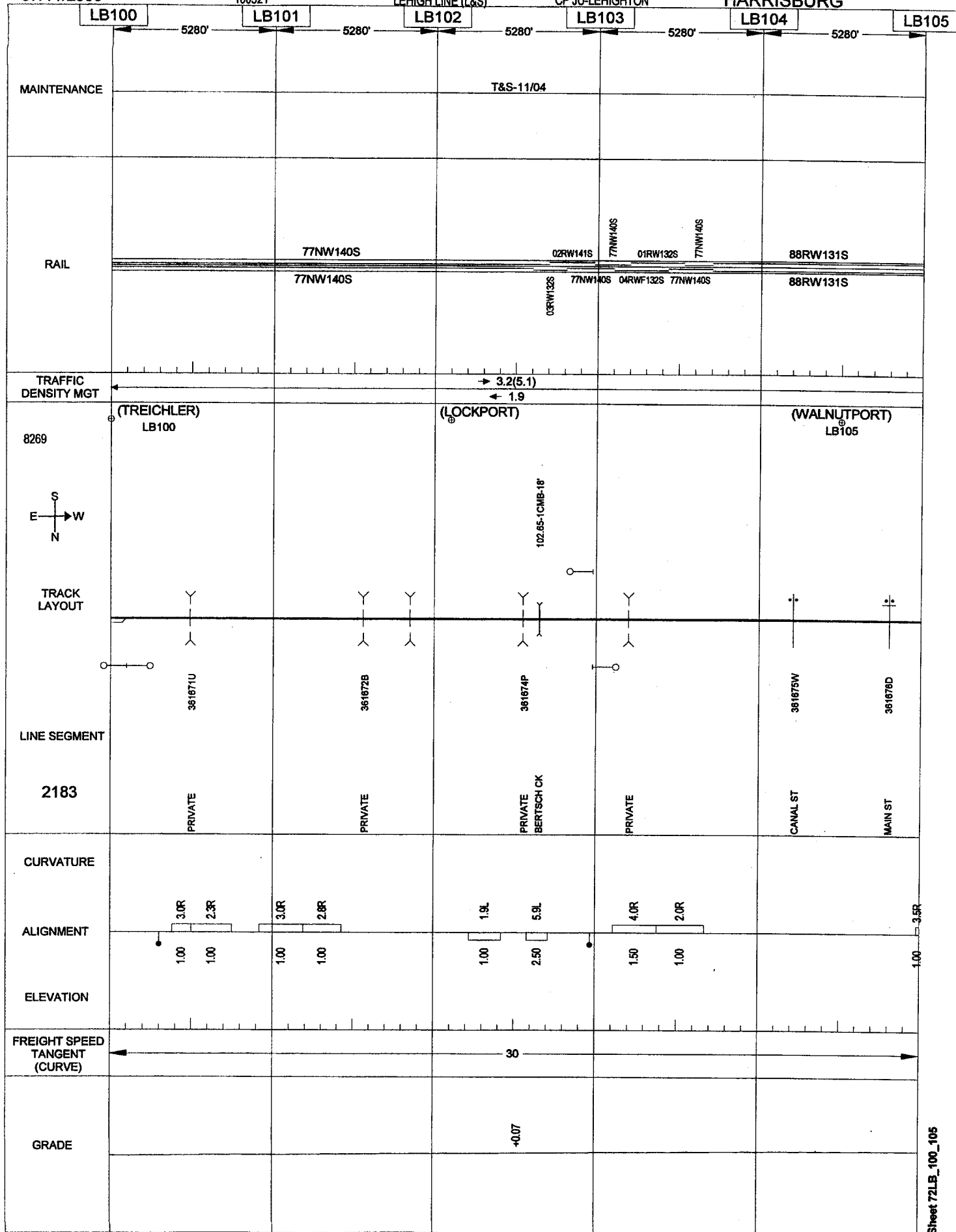
07/11/2006

100521

085
LEHIGH LINE (L&S)

CP JU-LEHIGHTON

HARRISBURG



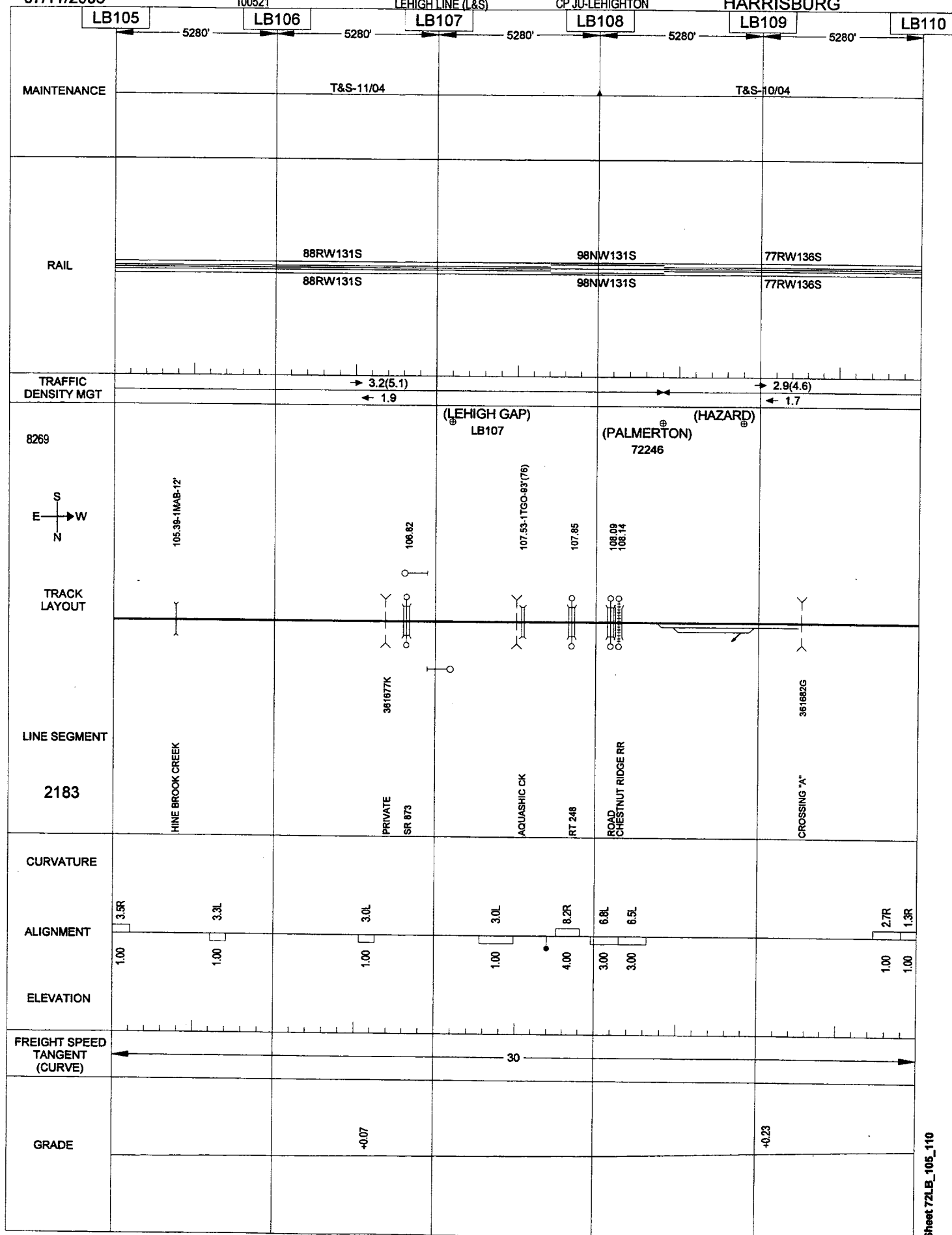
07/11/2006

086

LEHIGH LINE (L&S)

CP JU-LEHIGHTON

HARRISBURG



07/11/2006

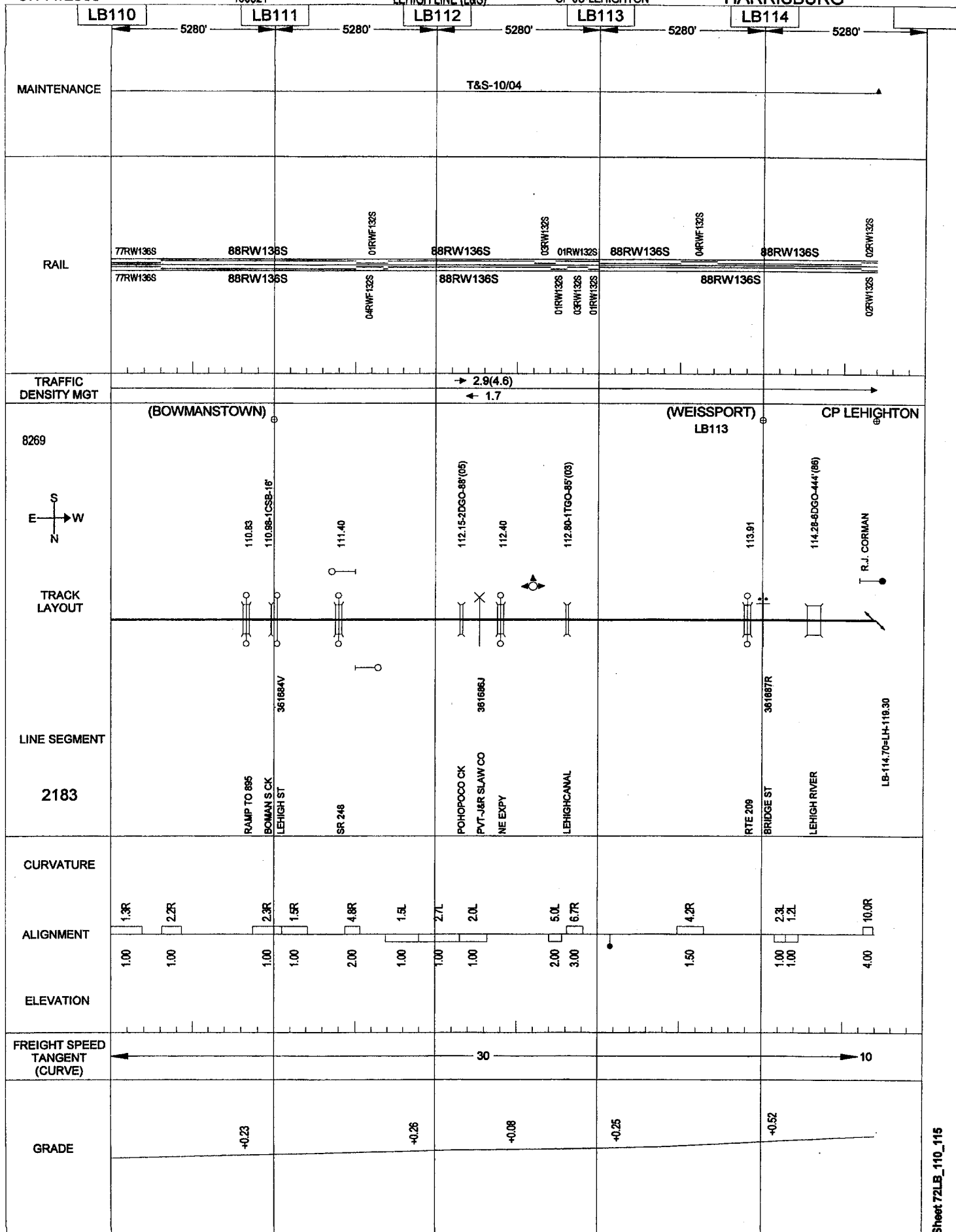
100521

087

LEHIGH LINE (L&S)

CP JU-LEHIGHTON

HARRISBURG



07/11/2006

100501

088

LEHIGH LINE

LEHIGHTON-M&H JCT

HARRISBURG

LH120

5280'

T&S-06/85

T&S-10/04

88RW136S

88RW136S

56RJ136S

56RJ136S

#2
MAINTENANCE
#1

RAIL

#2
#1TRAFFIC
DENSITY MGT→ 0.8(0.6#2)
← 0.4(0.6#1)

8207

S
E → W
NTRACK
LAYOUT#2
#1

LINE SEGMENT

2543

CP LEHIGHTON

LH-119.30=B-114.70

CURVATURE

#2

ALIGNMENT

#1
ELEVATIONFREIGHT SPEED
TANGENT
(CURVE)10 ← 10 →
10 ← 10 →

GRADE

0.00
+0.36

07/11/2006

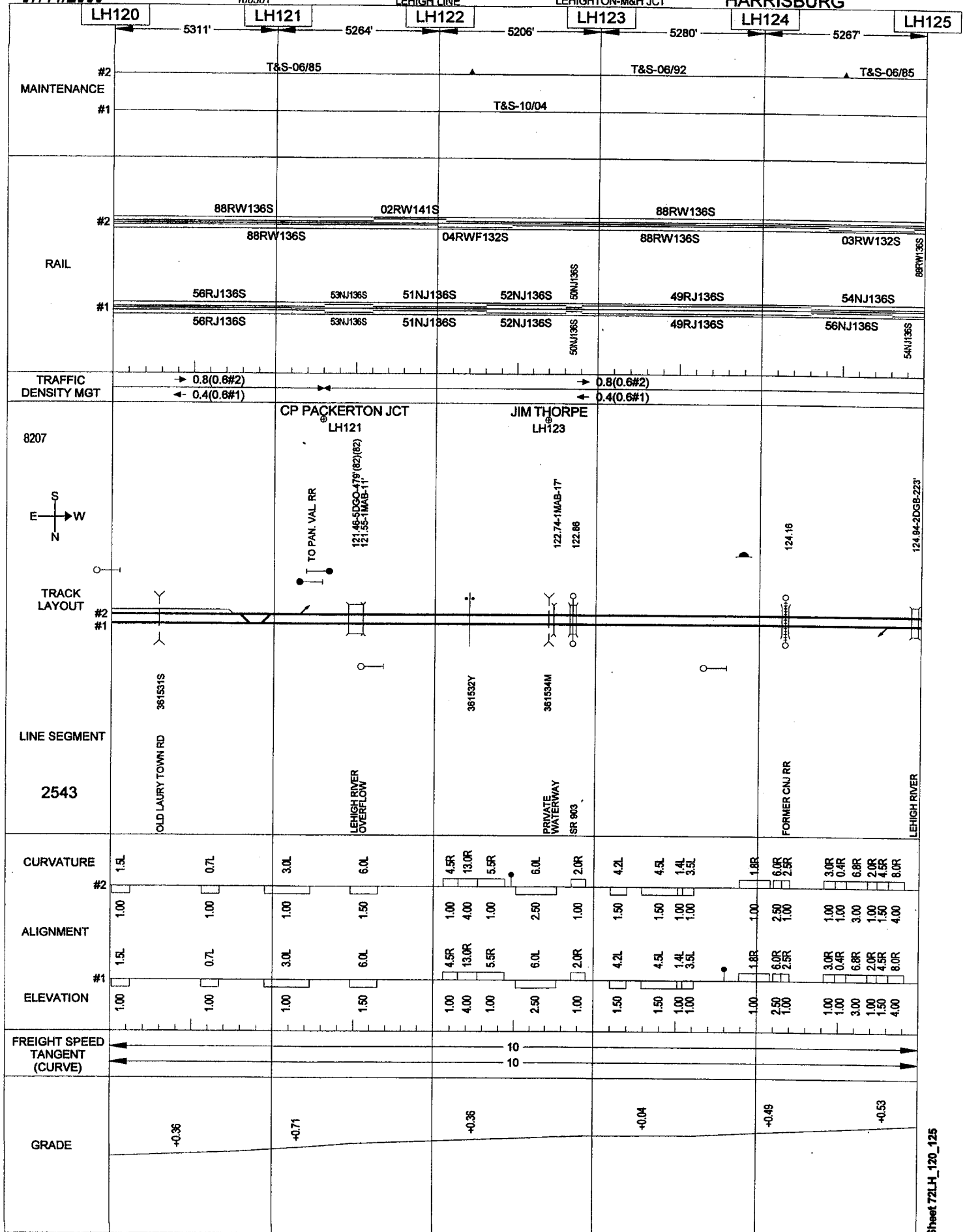
100501

089

LEHIGH LINE

LEHIGHTON-M&H JCT

HARRISBURG



07/11/2006

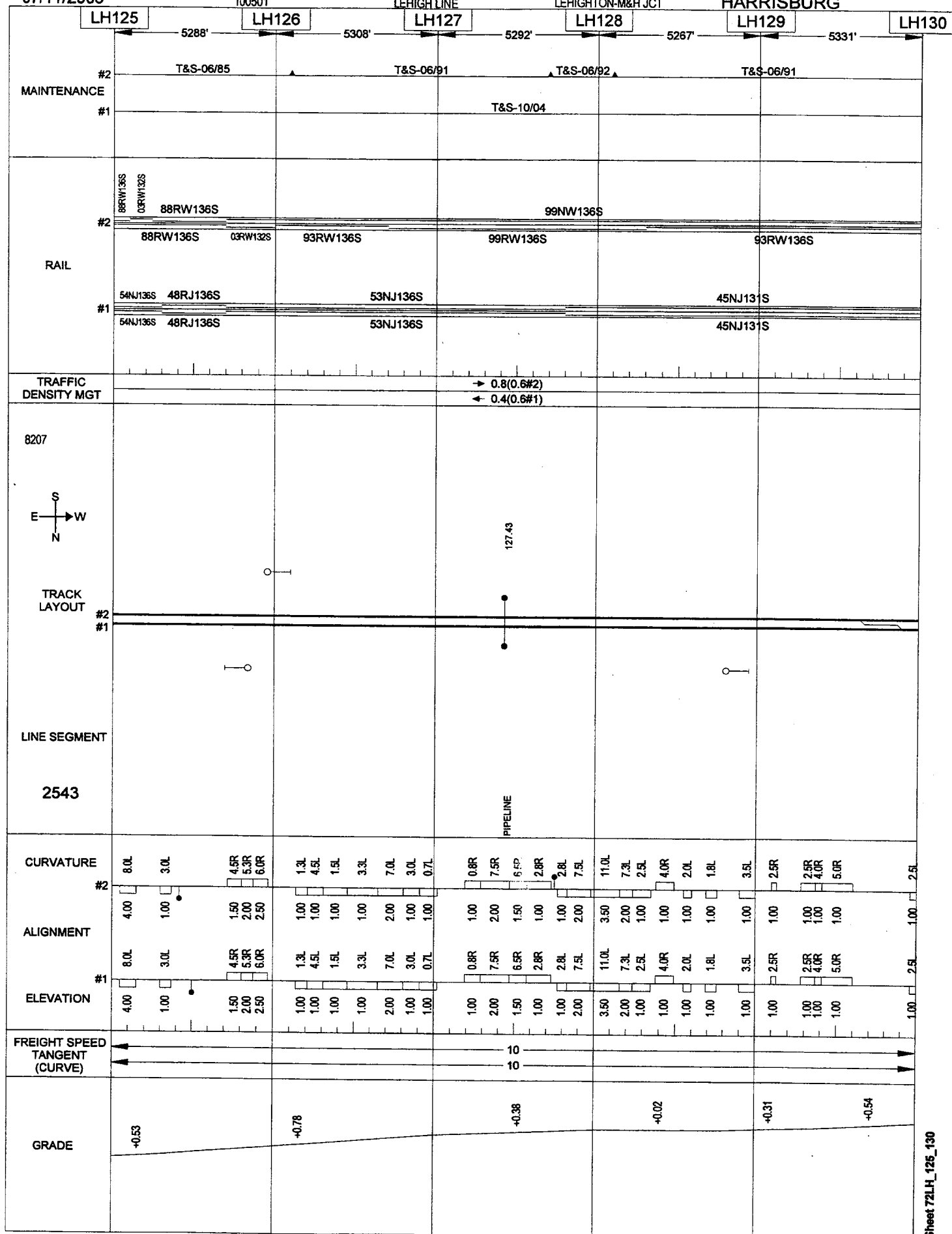
100501

090

LEHIGH LINE

LEHIGH-TON-M&H JCT

HARRISBURG



07/11/2006

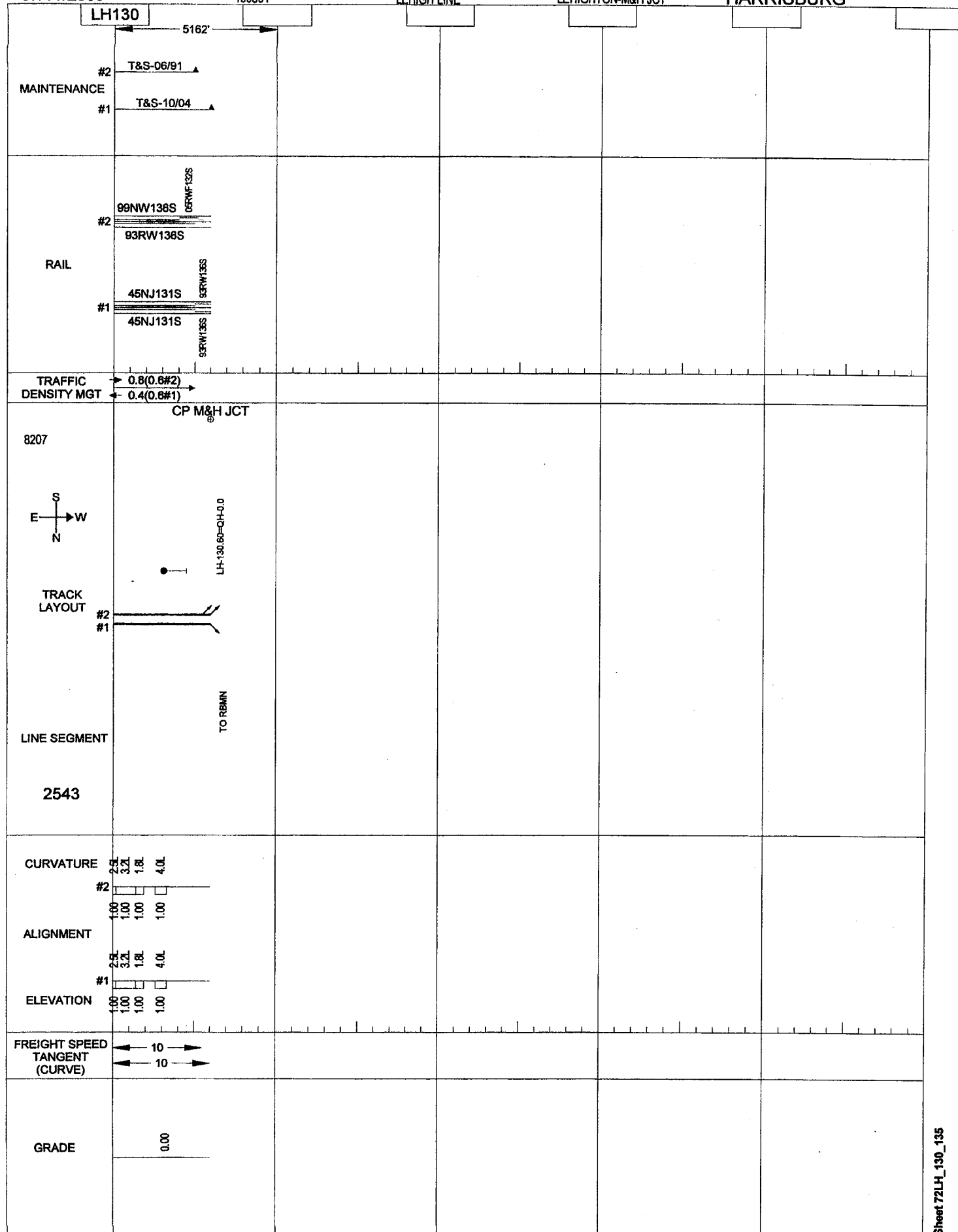
100501

091

LEHIGH LINE

LEHIGHTON-M&H JCT

HARRISBURG



07/11/2006

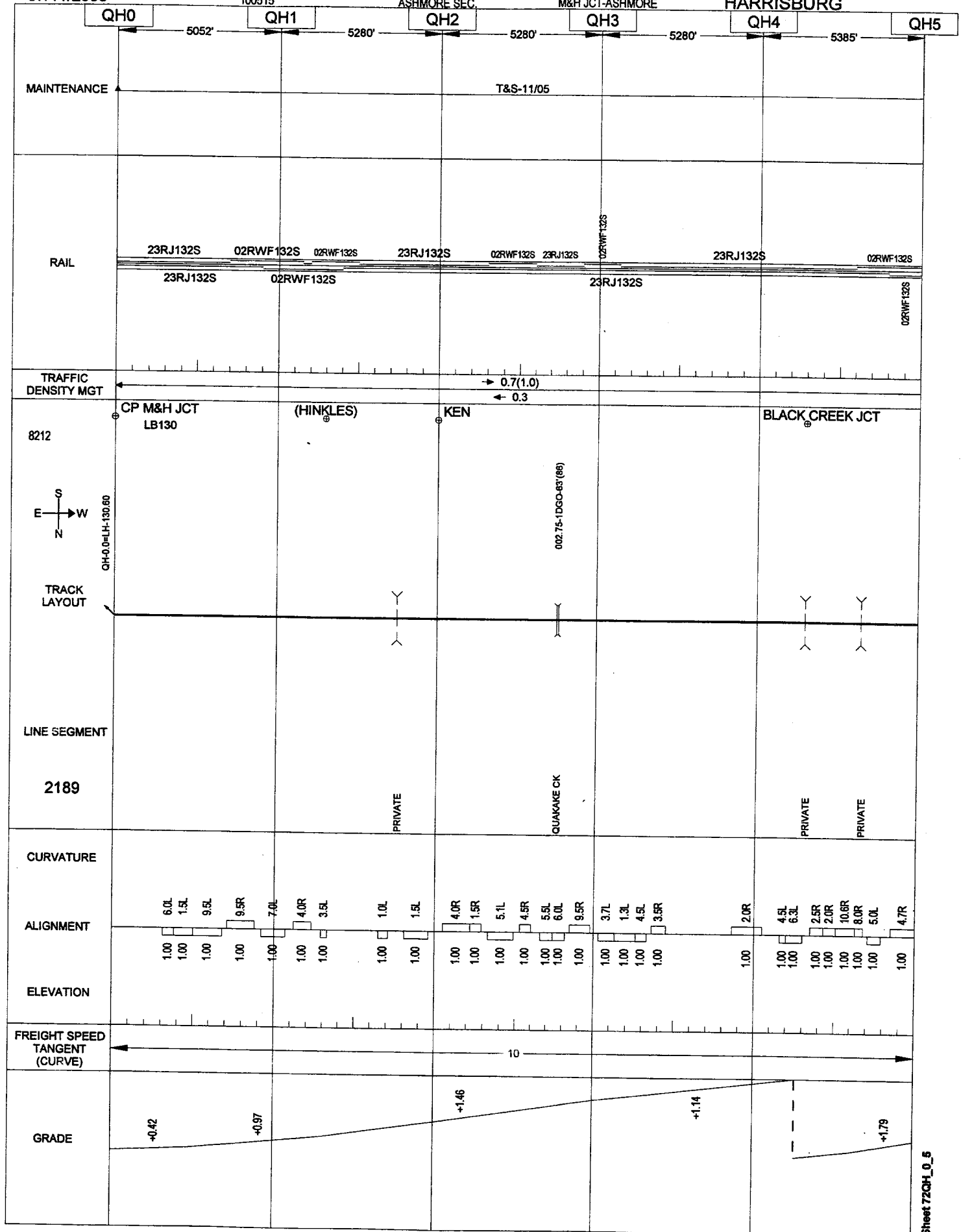
100515

092

ASHMORE SEC.

M&H JCT-ASHMORE

HARRISBURG



07/11/2006

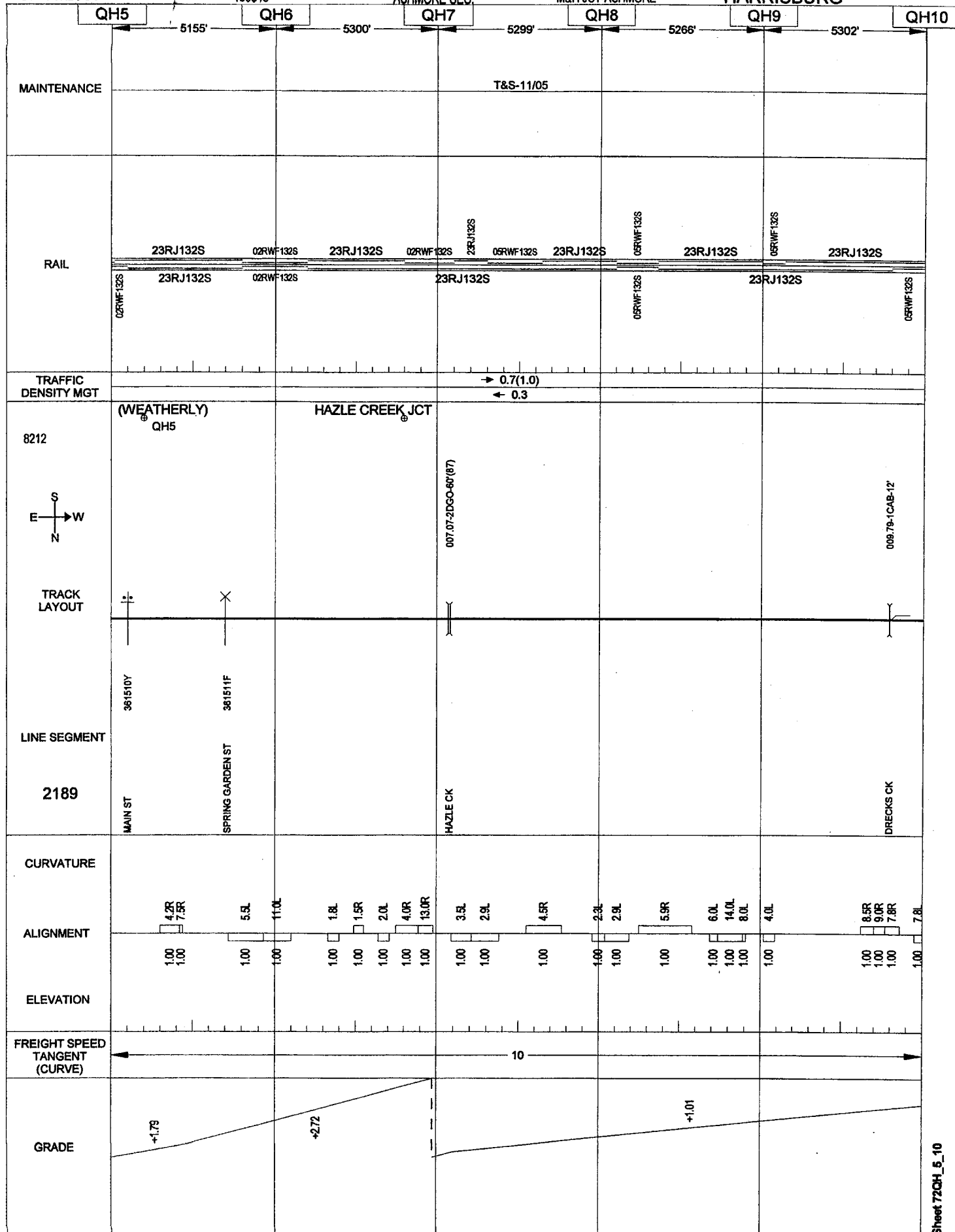
100515

093

ASHMORE SEC.

M&H JCT-ASHMORE

HARRISBURG



07/11/2006

100515

094

ASHMORE SEC.

M&H JCT-ASHMORE

HARRISBURG

QH10

4232'

MAINTENANCE

T&S-11/05

RAIL

23RJ132S

02RWF132S
02RW141S

23RJ132S

TRAFFIC
DENSITY MGT→ 0.7(1.0)
← 0.3

ASHMORE

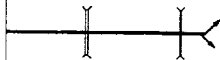
8212

S
E → W
N

010.32-2BSO-44(88)

010.70-1BSO-21(88)

QH-10.80-JW-142.00

TRACK
LAYOUT

LINE SEGMENT

2189

HAZLE CK

HAZLE CREEK

FREELAND I.T.

CURVATURE

ALIGNMENT

9.3L	6.5L	0.8R	1.5L
1.00	1.00	1.00	1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+1.01

07/11/2006

100515

095

HAZELTON R.T.

ASHMORE-HAZLETON JCT

HARRISBURG

JW142

JW143

JW144

JW145

5280'

5175'

5323'

5280'

MAINTENANCE

T&S-10/05

RAIL

*RJF136S

*RJF136S

TRAFFIC
DENSITY MGT→ 0.0(0.0)
← 0.0→ 0.7(1.0)
← 0.3

8212

(ASHMORE JCT)
JW142(HAZLETON YD)
72271TRACK
LAYOUT

JW-142 00-OH-10.80

LINE SEGMENT

2186

FREELAND R.T.

STOCKTON-HAZLETON
381508XPRIVATE
381512M

HAZLETON YARD

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

1.5R

1.00

1.4L

1.00

0.5L

1.00

2.8R

1.00

4.1L

1.00

5.0L

1.00

4.8L

1.00

2.0R

1.00

8.1R

1.00

10

+0.21

+0.30

+0.54

07/11/2006

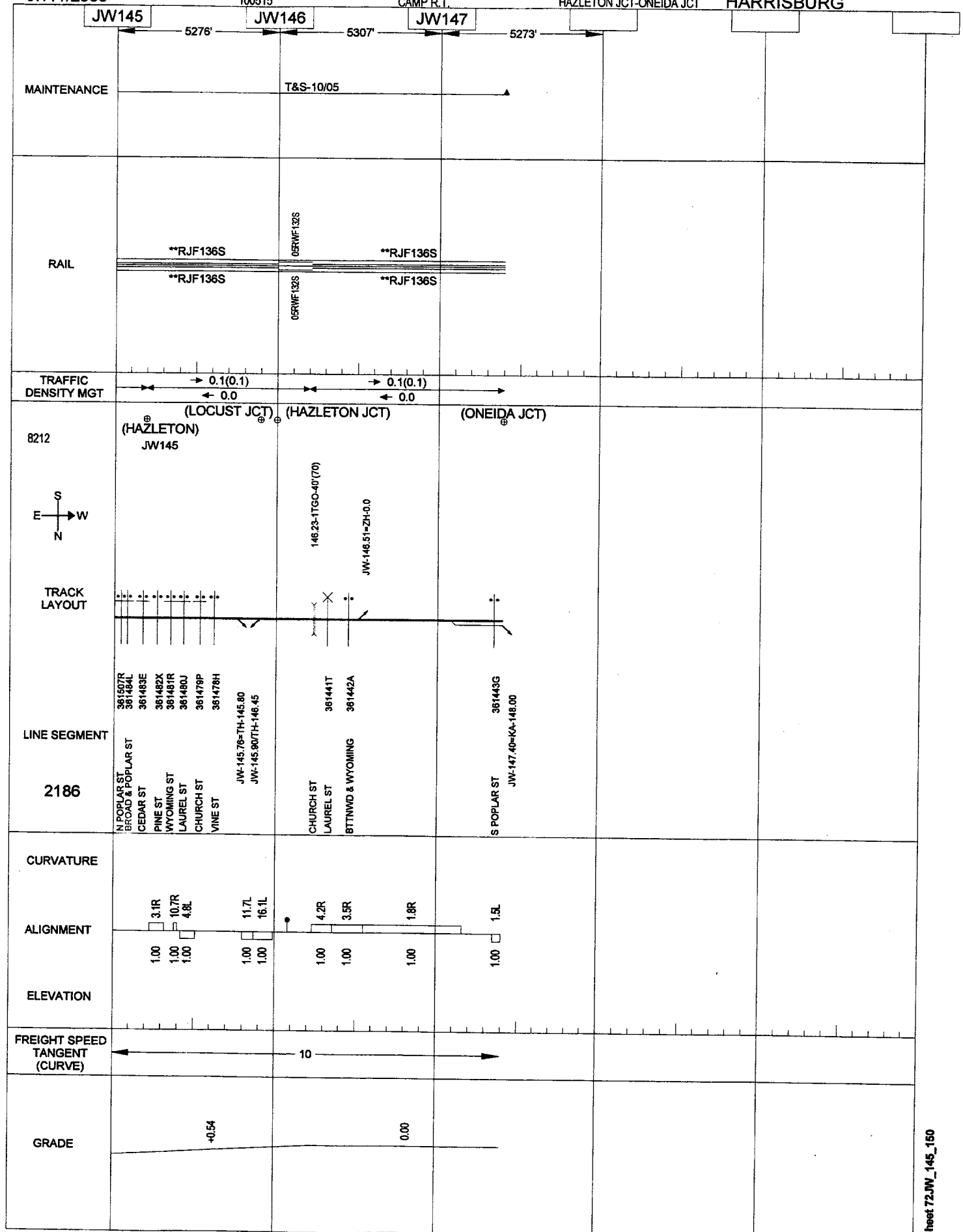
100515

096

CAMP R.T.

HAZLETON JCT-ONEIDA JCT

HARRISBURG



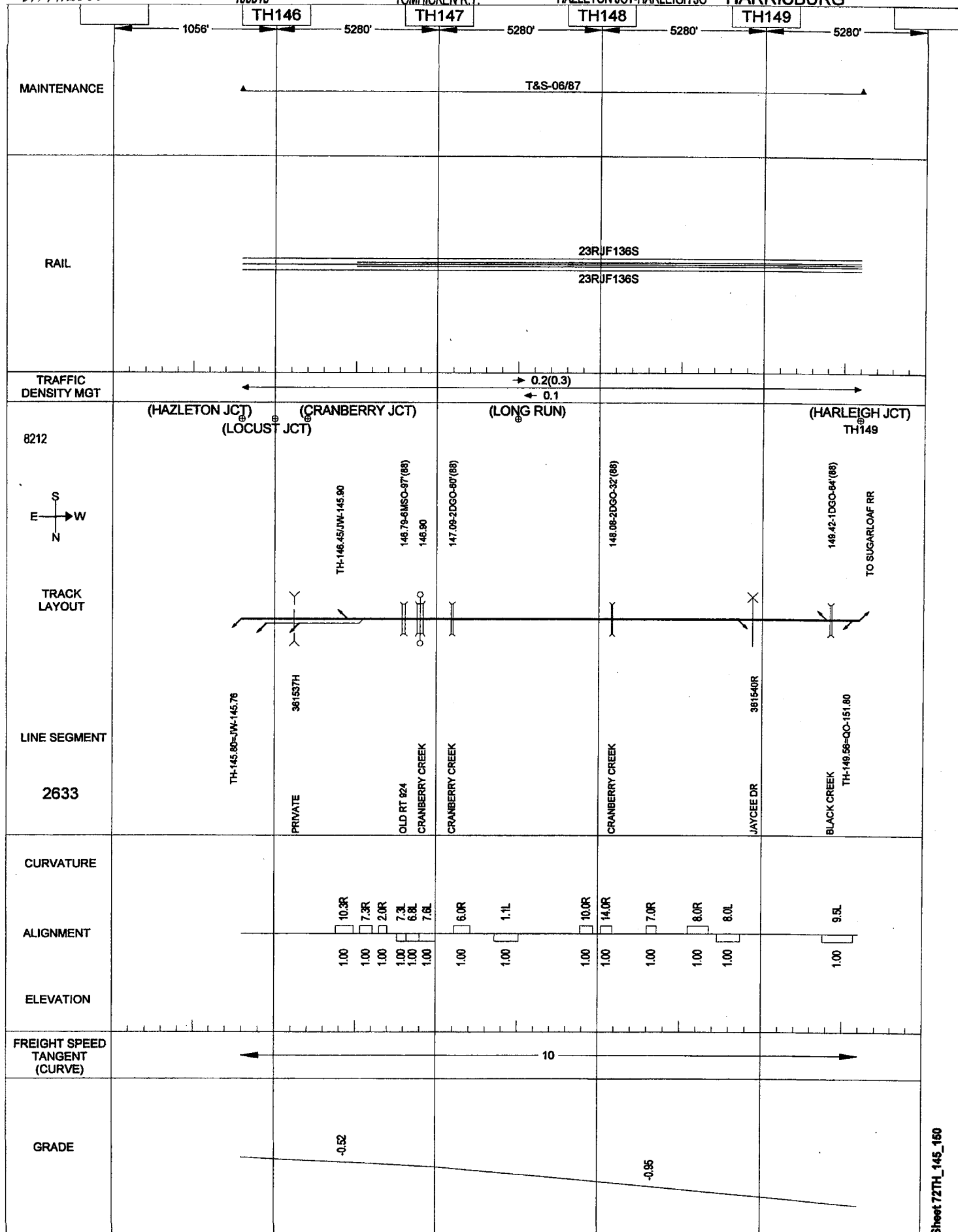
07/11/2006

097

TOMHICKEN R.T.

HAZLETON JCT-HARLEIGH JC

HARRISBURG



07/11/2006

100514

098

SHEPPTON I.T.

ONEIDA JCT-HARWOOD JCT

HARRISBURG

KA148

KA149

KA150

5280'

5280'

MAINTENANCE

T&S-06/90

RAIL

**RJ100S

**RJ100S

TRAFFIC
DENSITY MGT

→ 0.0(0.0)

← 0.0

8210

(ONEIDA JCT)

(HAZLETON)

(HARWOOD JCT)

KA150

S
E → W
N

TRACK
LAYOUT

149.00

LINE SEGMENT

2534

KA-148.00-JW-147.40

361472S

SR 809

361475M

I-81

PRIVATE

CURVATURE

ALIGNMENT

1.5R

1.00

6.0R

1.00

5.5L

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+1.08

-0.15

07/11/2006

100517

099
EBERVALE R.T.

HARLEIGH JCT

HARRISBURG

QO151

5280'

4224'

MAINTENANCE

RAIL

22NJ110S

22NJ110S

TRAFFIC
DENSITY MGT

8212

(OAKBURR JCT)
(HARLEIGH JCT)

S
E → W
N

TRACK
LAYOUT

151.67

LINE SEGMENT

2603

361550W

QO-151.40-WU-0.25

WEST HAZLETON BRAN

QO-151.80-TH-149.56

CURVATURE

ALIGNMENT

ELEVATION

3.2L

5.3L

6.0R

7.5R

11.0L

1.00

1.00

1.00

1.00

1.00

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

0.00

07/11/2006

101121

100
MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG

MV5

5280'

MAINTENANCE

RAIL

65NW136S

65NW136S

TRAFFIC
DENSITY MGT

→ 2.9(5.8)

← 2.9

CP MA

TRACK
LAYOUT

TO SHARED ASSETS

005.20

LINE SEGMENT

2318

OXFORD VLY RD

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

30

GRADE

-0.18

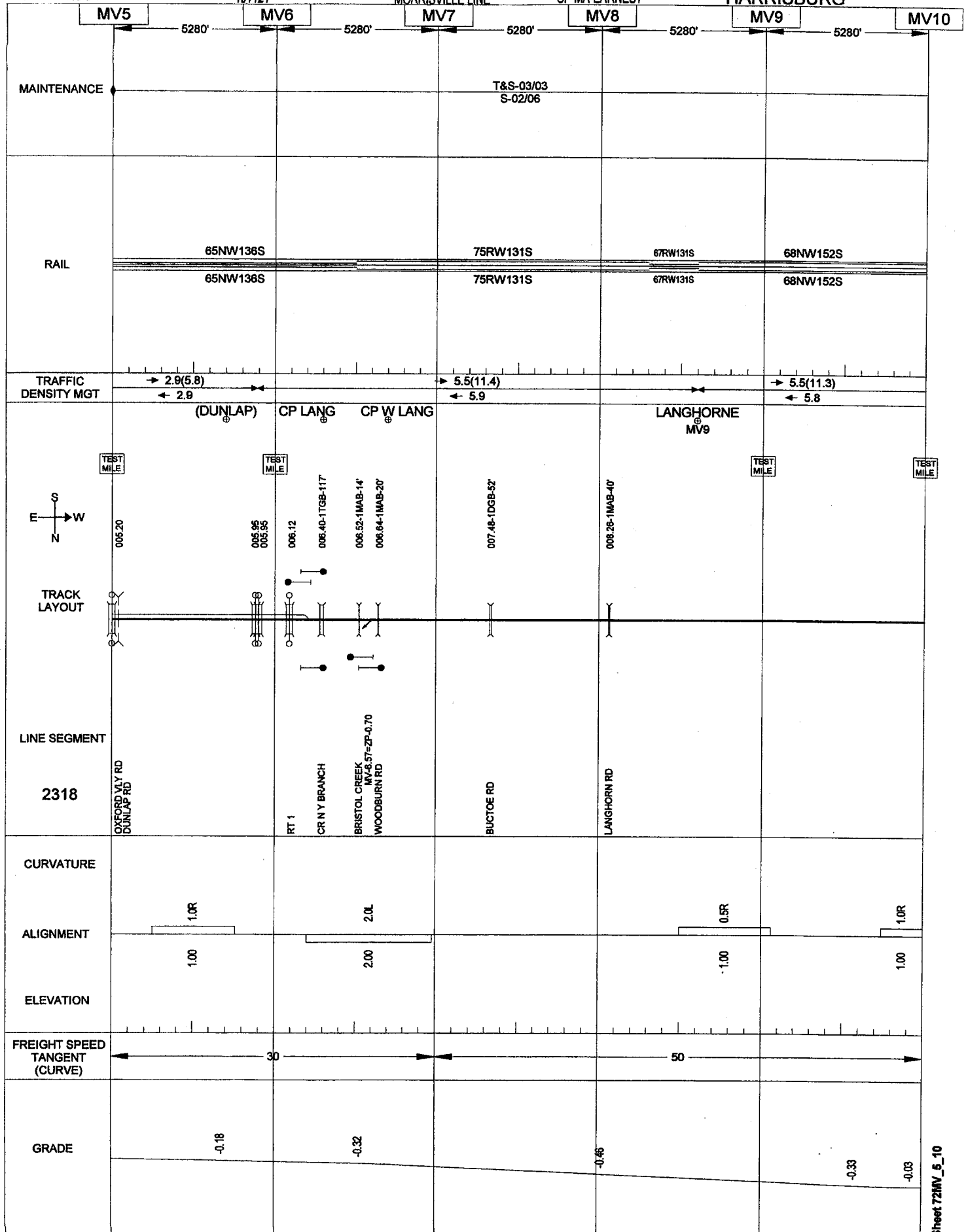
07/11/2006

101121

101
MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



07/11/2006

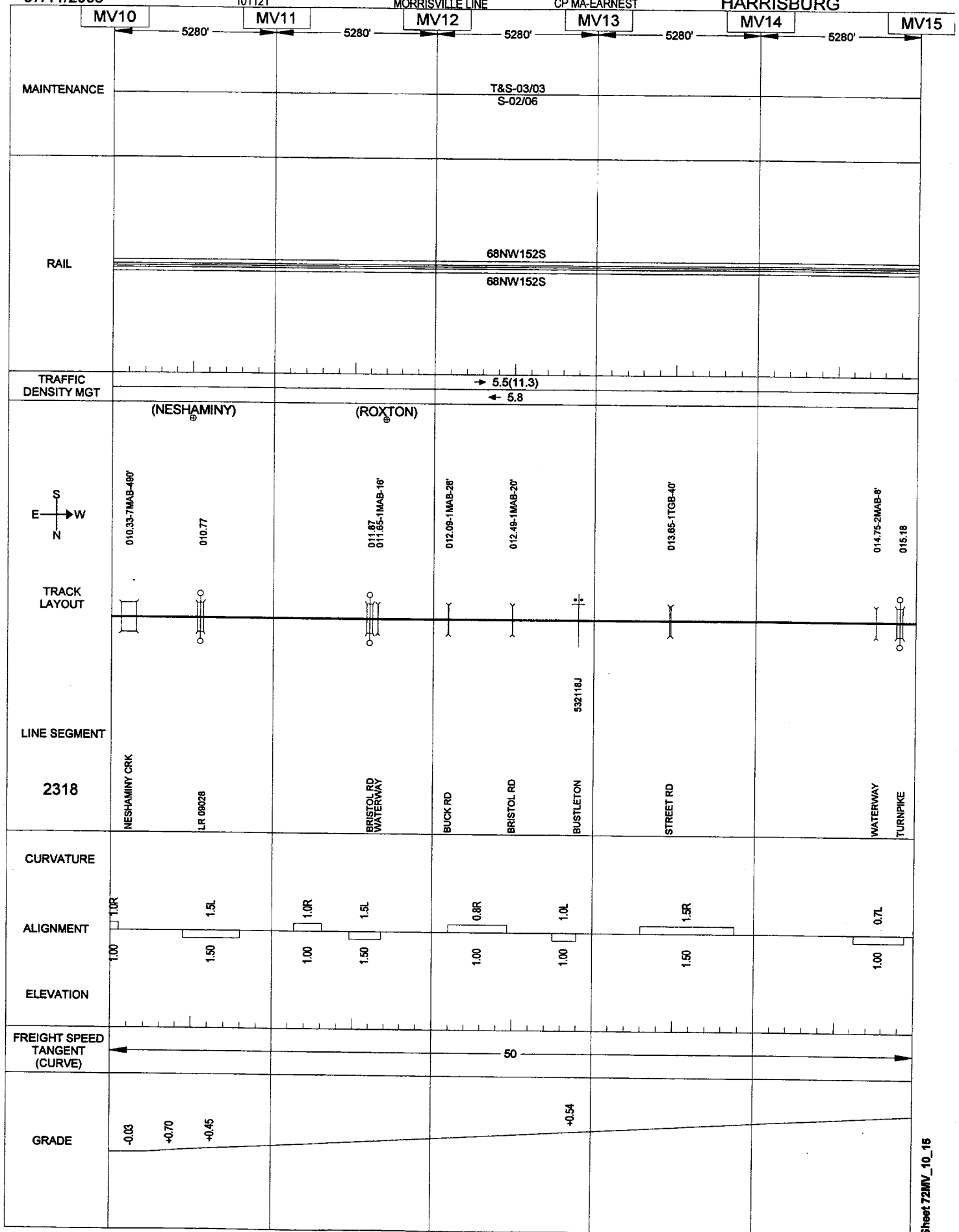
101121

102

MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



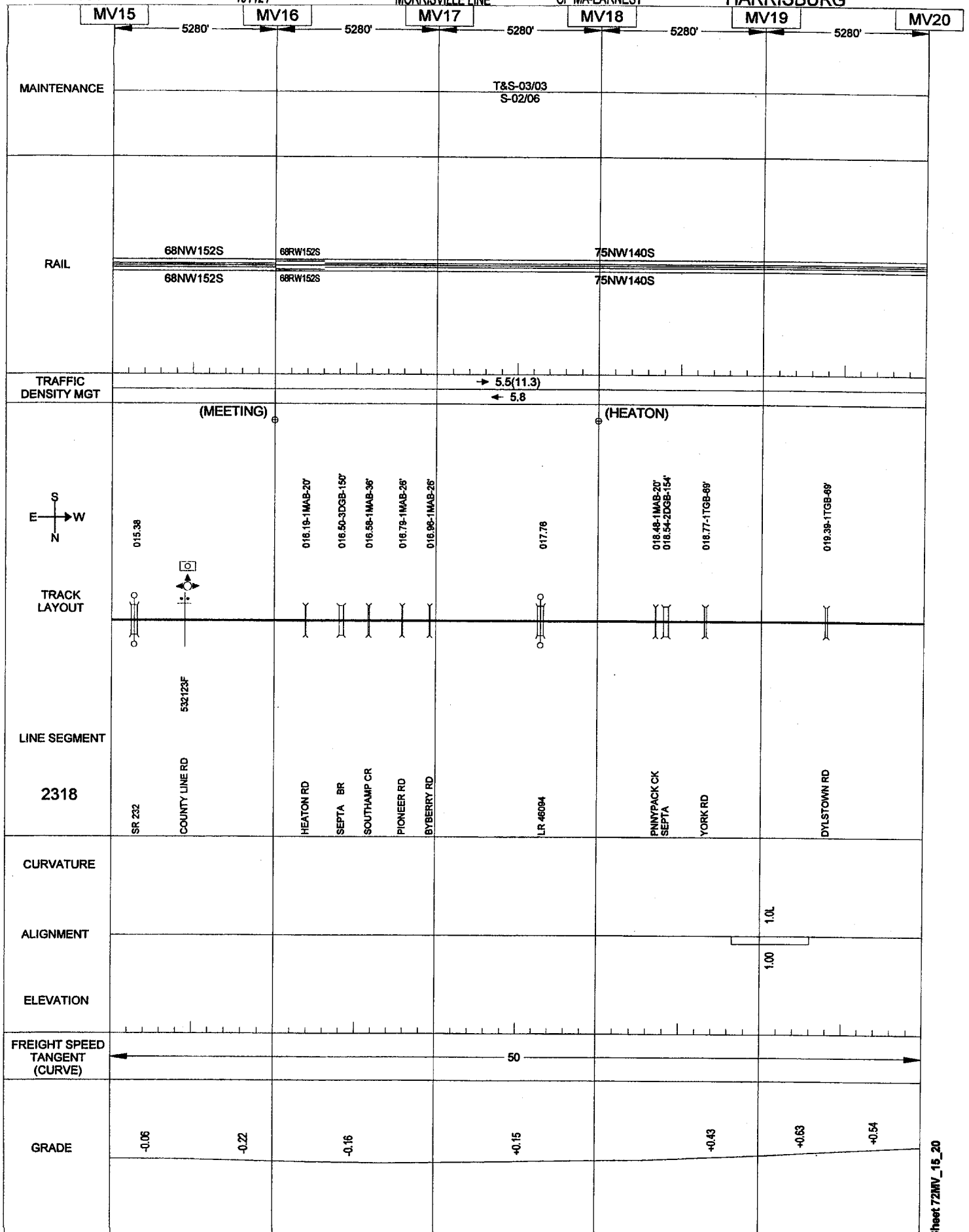
07/11/2006

101121

103
MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



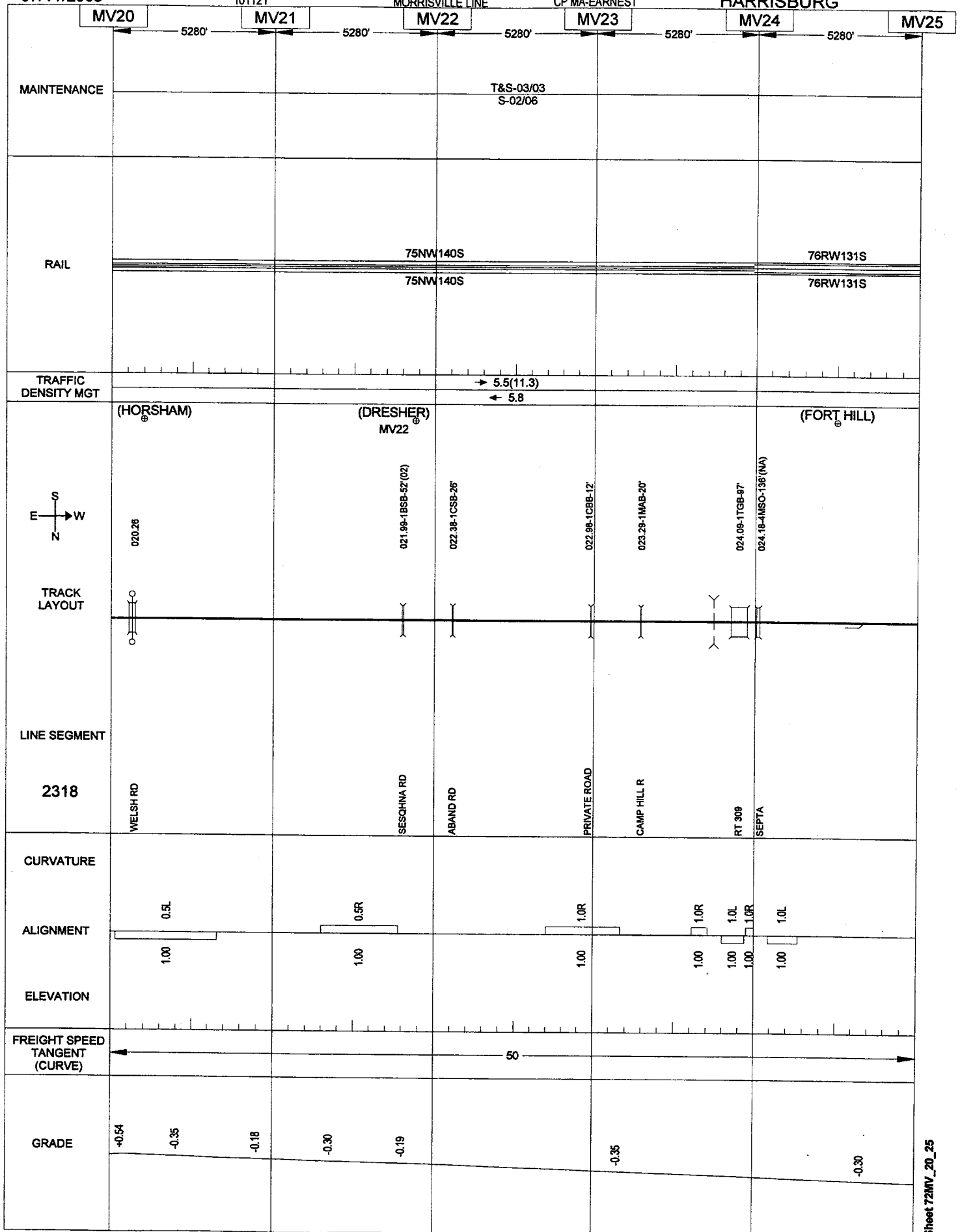
07/11/2006

101121

104
MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



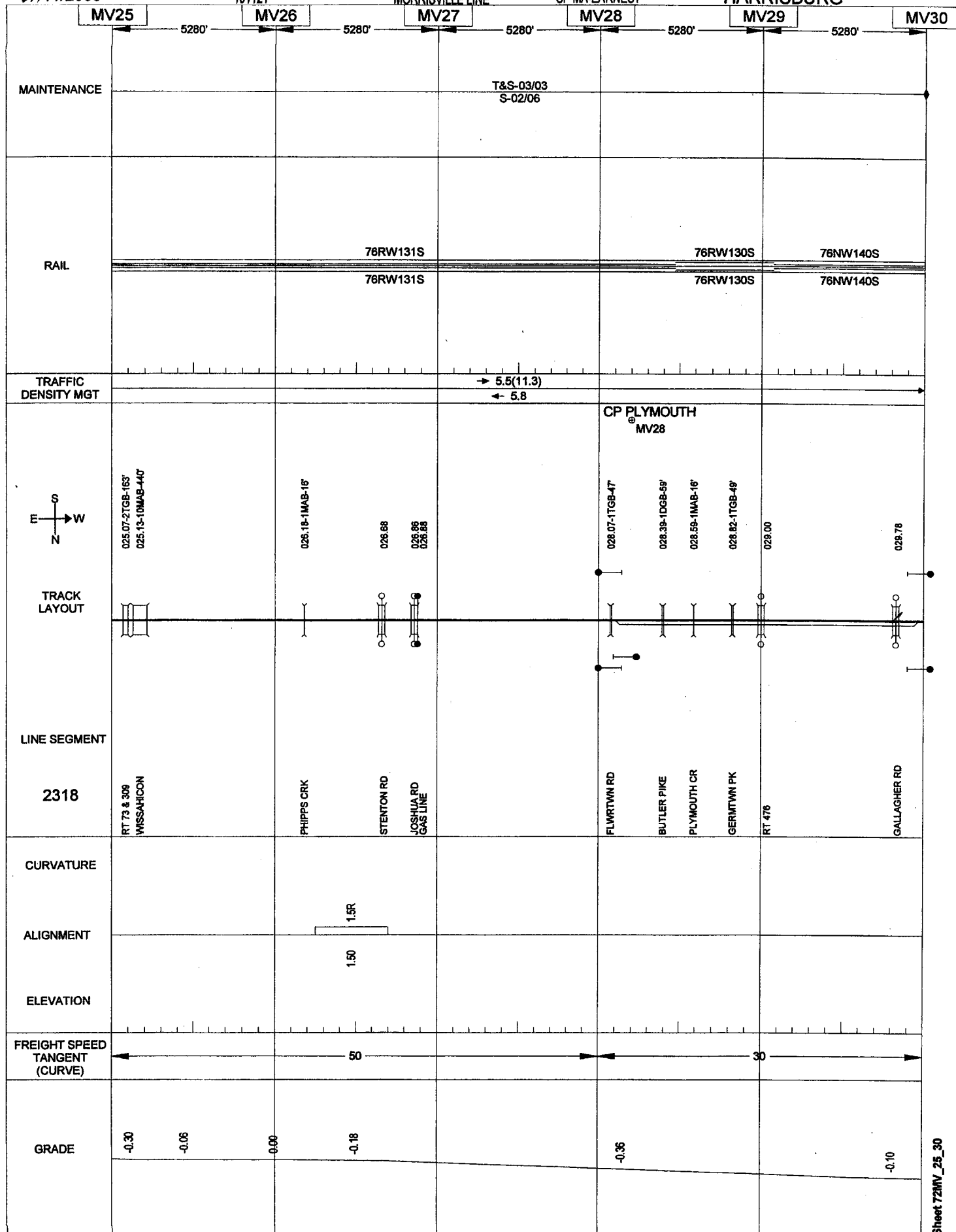
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101121

105
MORRISVILLE LINE

CP MA-EARNEST

HARRISBURG



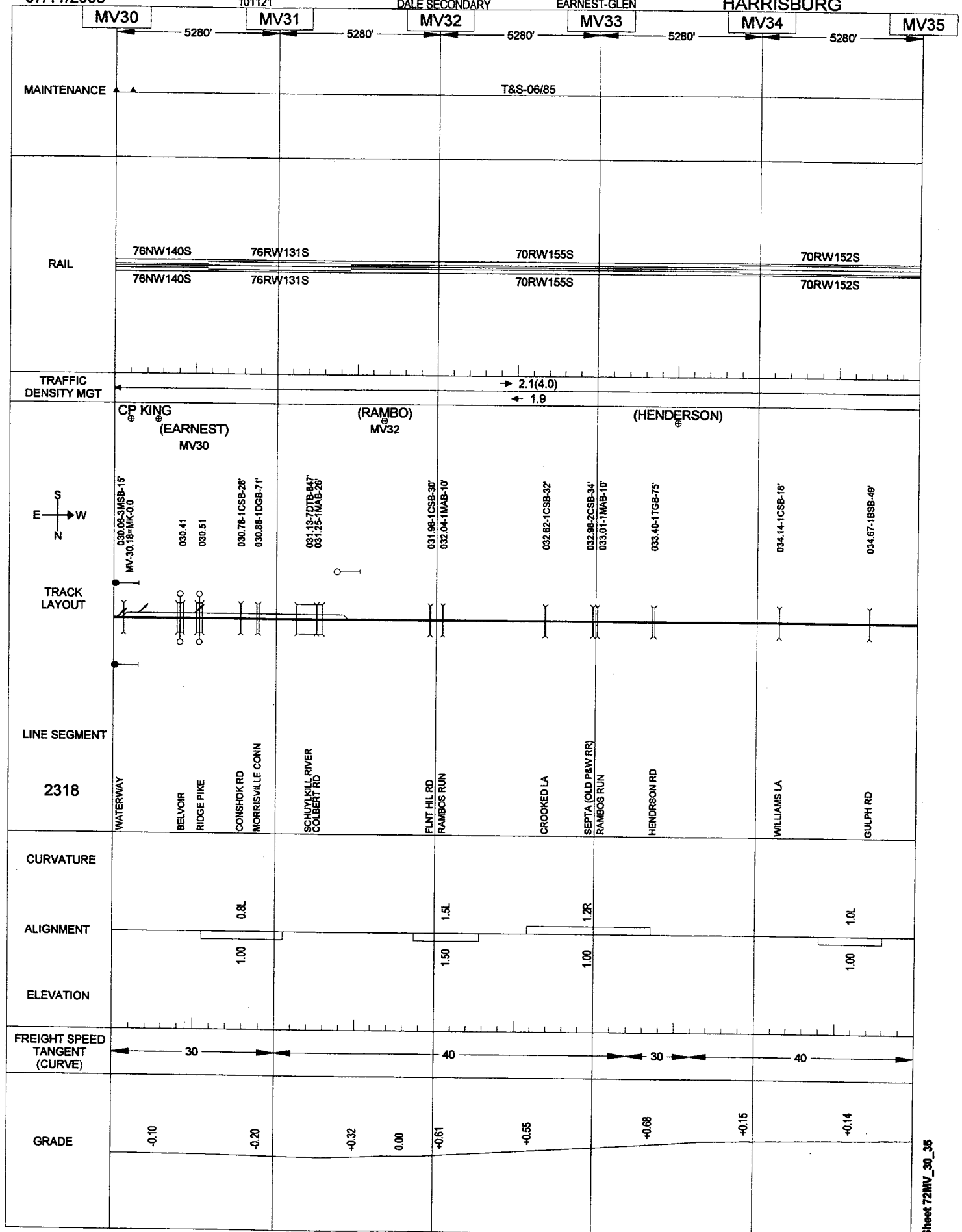
07/11/2006

101121

106
DALE SECONDARY

EARNEST-GLEN

HARRISBURG



07/11/2006

101121

107
DALE SECONDARY

EARNEST-GLEN

HARRISBURG

MV35

MV36

MV37

MV38

MV39

MV40

5280'

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-06/85

RAIL

70RW152S

70RW152S

70RW155S

71RW155S

70RW155S

71RW155S

TRAFFIC
DENSITY MGT

→ 2.1(4.0)

← 1.9

TRACK
LAYOUT034.97-1TGB-115'
035.01-1CAB-25'

035.57

036.16-1TGB-34'

037.01

037.53
037.58-1MAB-10'

038.04-1MAB-20'

038.70

039.17

039.64-1MAB-16'

039.94

(HOWELLVILLE)

LINE SEGMENT

2318

SCHYL XWAY
ABRAMS RUN

P.E. SWITCH

WARNER RD

LR 543

W VALLEY RD

DEVON RD.
WATERWAY

LEWIS ROAD

CASSATT RD

HOWELLVILLE

WATERWAY

BEARHL RD

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

-0.32

-0.07

-0.45

+0.16

+0.10

0.3R

1.00

0.5R

1.00

40

07/11/2006

101121

108

DALE SECONDARY

EARNEST-GLEN

HARRISBURG

MV40

MV41

MV42

MV43

MV44

MV45

5280'

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-06/85

RAIL

75RW127S

75RW127S

TRAFFIC
DENSITY MGT

→ 2.1(4.0)

← 1.9

LAB

S
E → W
N

TRACK
LAYOUT

040.05-1MAB-10'

040.51-1CSB-28'

040.86-1MAB-14'

041.21-1MAB-20'

041.73-1CSB-12'

041.74-1MAB-10'

042.40-3MSB-14'

042.46-2BSB-70'

042.58-1MAB-10'

042.59-1MAB-30'

043.27-1MAB-16'

043.44-1CSB-32'

043.93-1MAB-10'

044.54

LINE SEGMENT

2318

WATERWAY

N VALLEY RD

WATERWAY

CDR HLOW RD

MV-41.45=DX-10.50

WATERWAY

WATERWAY

WATERWAY

LEH2 RT 30

WATERWAY

ROAD

WATERWAY

MALIN ROAD

WATERWAY

RTE 352

CURVATURE

ALIGNMENT

0.5R

0.5L

0.2R

0.3L

0.5L

1.0L

ELEVATION

1.00

1.00

1.00

1.00

1.00

1.00

FREIGHT SPEED
TANGENT
(CURVE)

40

GRADE

+0.10

+0.40

+0.46

+0.60

+0.56

+0.64

-0.35

07/11/2006

101121

109

DALE SECONDARY

EARNEST-GLEN

HARRISBURG

MV45

MV46

5280'

MAINTENANCE

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

RAIL

76RW127S

76RW127S

76RW127S

76RW127S

TRAFFIC
DENSITY MGT

→ 2.1(4.0)

← 1.9

DALE

GLEN

S
E → W
NTRACK
LAYOUT

045.35

045.65-1MAB-15'

LINE SEGMENT

2318

AMTRAK RR

RAVINE RD

TO AMTRAK

CURVATURE

ALIGNMENT

1.0L

1.0R

1.0R

1.00

1.00

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

40

30

GRADE

-0.35

07/11/2006

100330

110

NORRISTOWN & M.L. CONN.

KALB-CP NORRIS

HARRISBURG

HN18

5280'

T&S-06/88

MAINTENANCE

RAIL

92RW131S 92RW131S
 92RW131S 92RW131S

TRAFFIC
DENSITY MGT

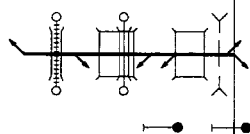
4.7(9.9)
 5.2

8120

TRACK
LAYOUT

KALB CP ISLAND CP NORRIS
 HN18

TO SEPTA
 017.28
 017.50-10DGO-730' (61)
 017.55
 017.86-9DGO-657' (83)



LINE SEGMENT

2495

PHILA & WESTERN RR

SCHUYLKILL RIVER
TR 202

SCHUYLKILL RIVER

HN-18.0-HP-18.14

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.29
 -0.09
 0.00

07/11/2006

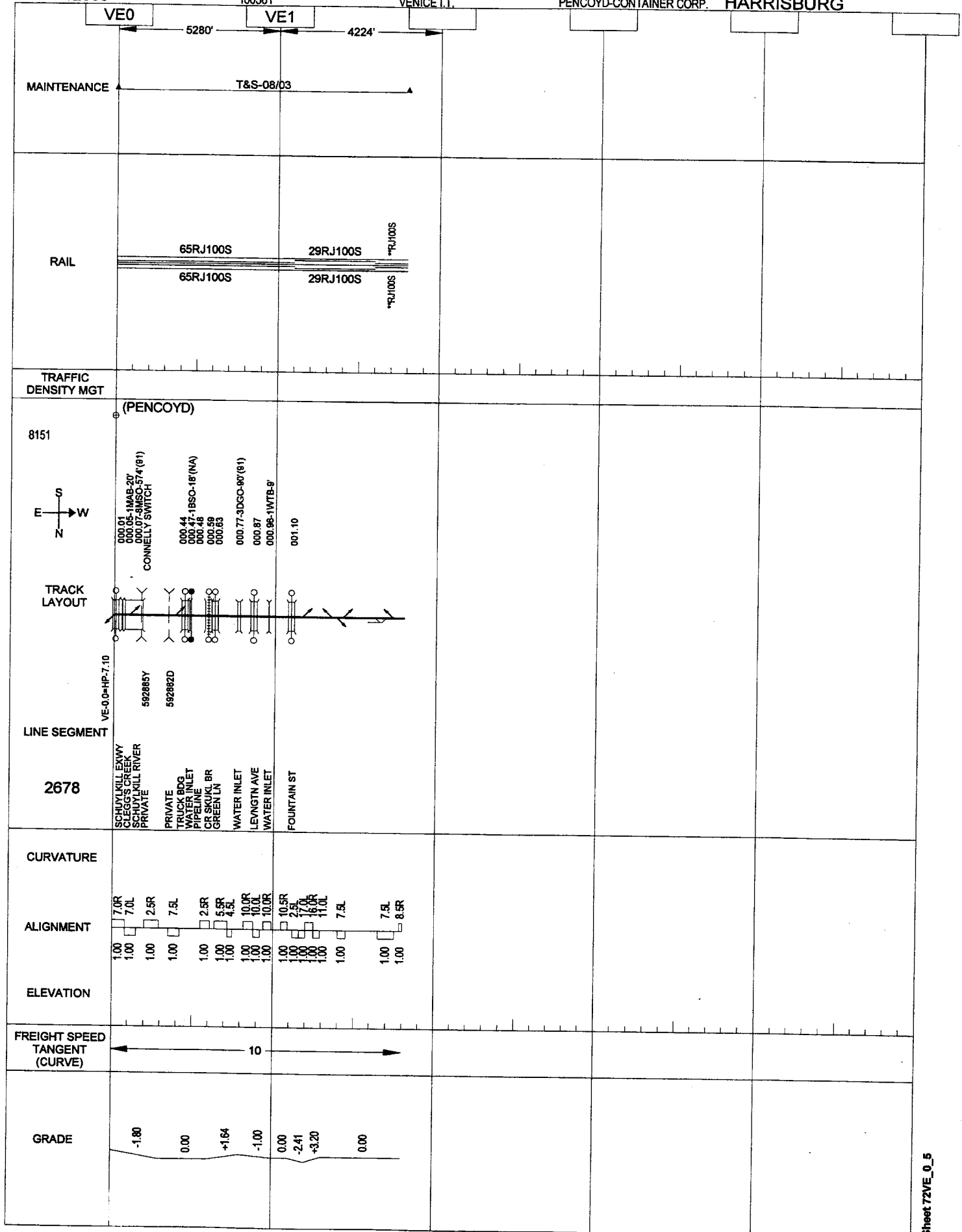
100361

112

VENICE I.T.

PENCOYD-CONTAINER CORP.

HARRISBURG



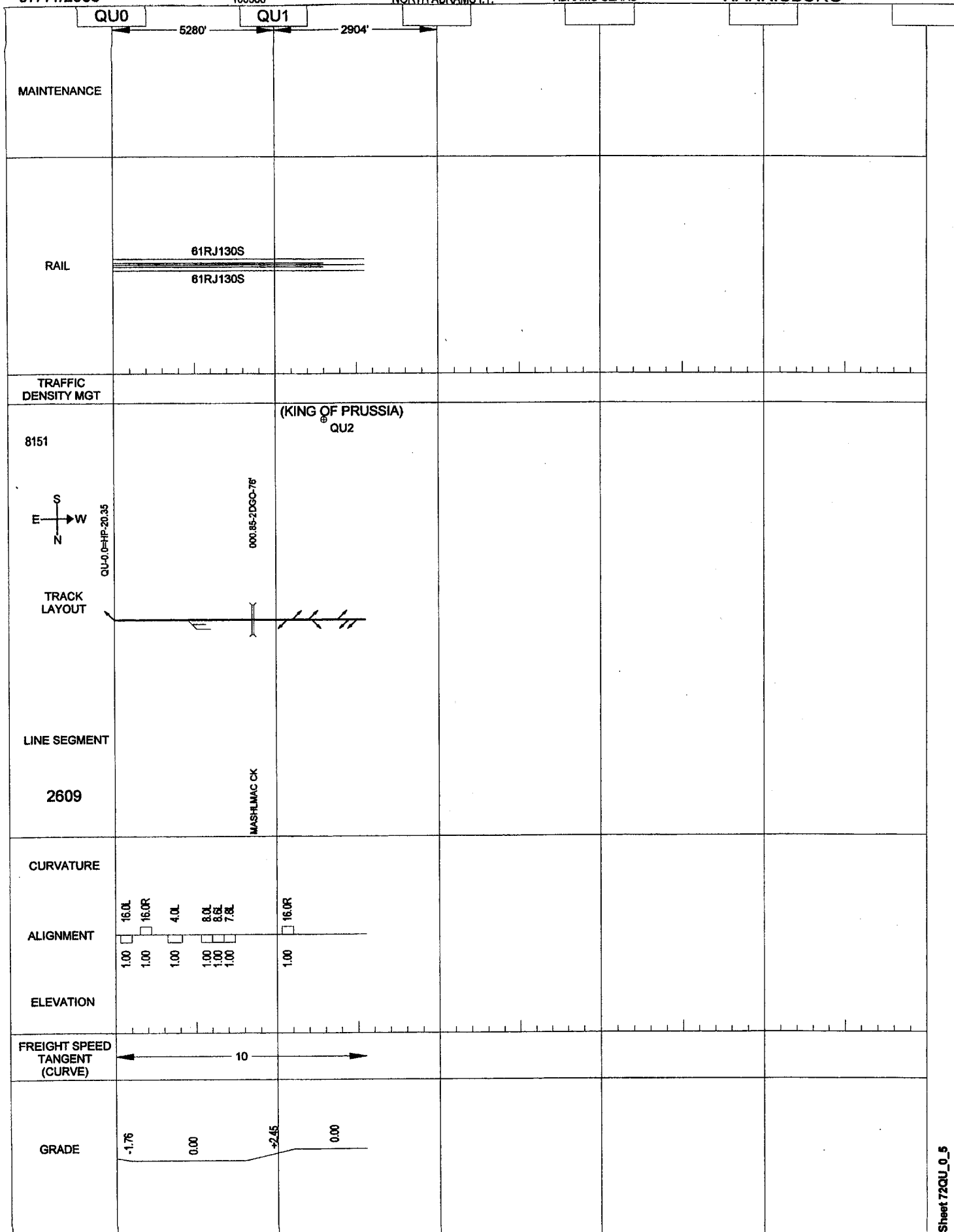
07/11/2006

100388

113
NORTH ABRAMS I.T.

ABRAMS-SEARS

HARRISBURG



07/11/2006

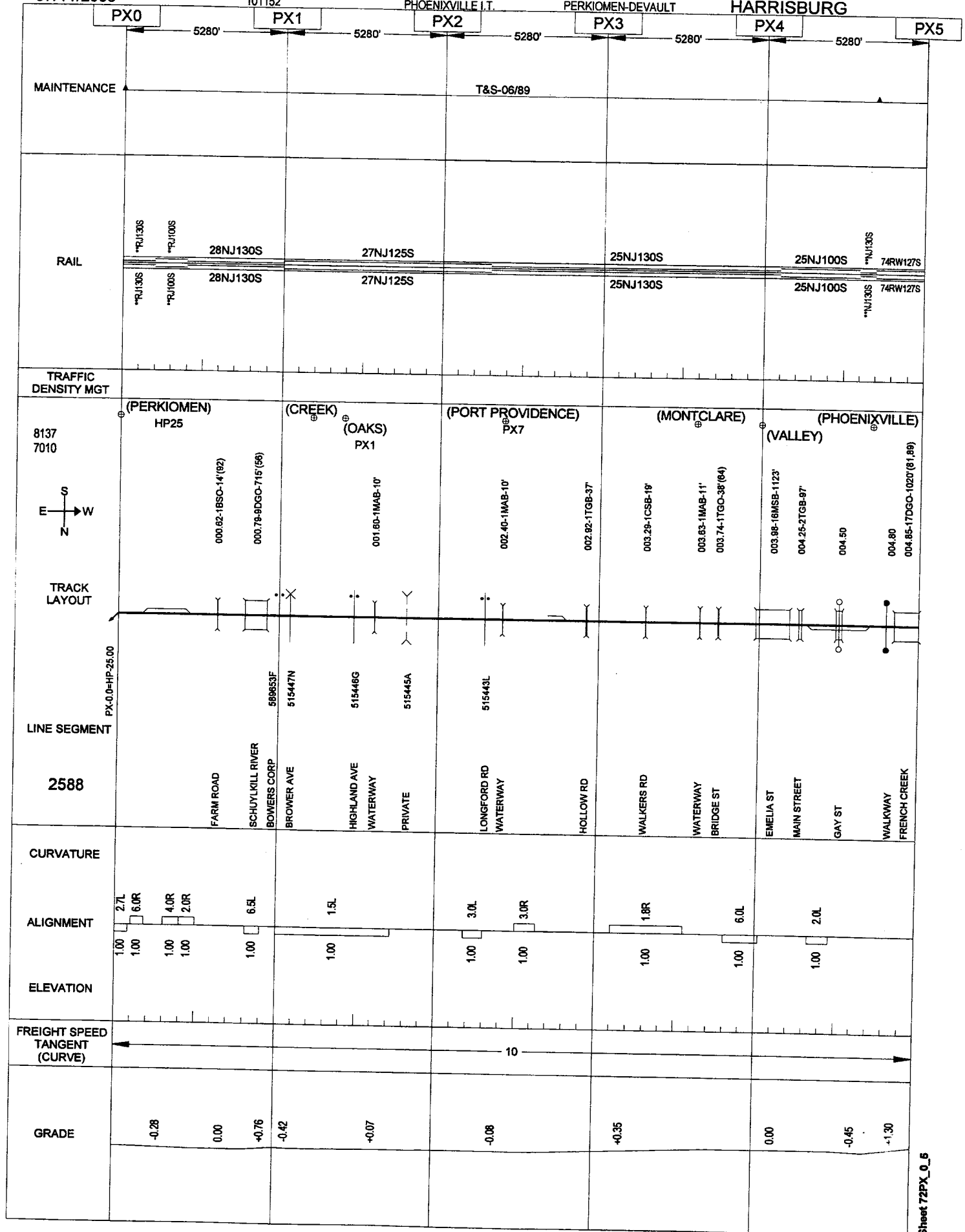
101152

114

PHOENIXVILLE I.T.

PERKIOMEN-DEVAULT

HARRISBURG



07/11/2006

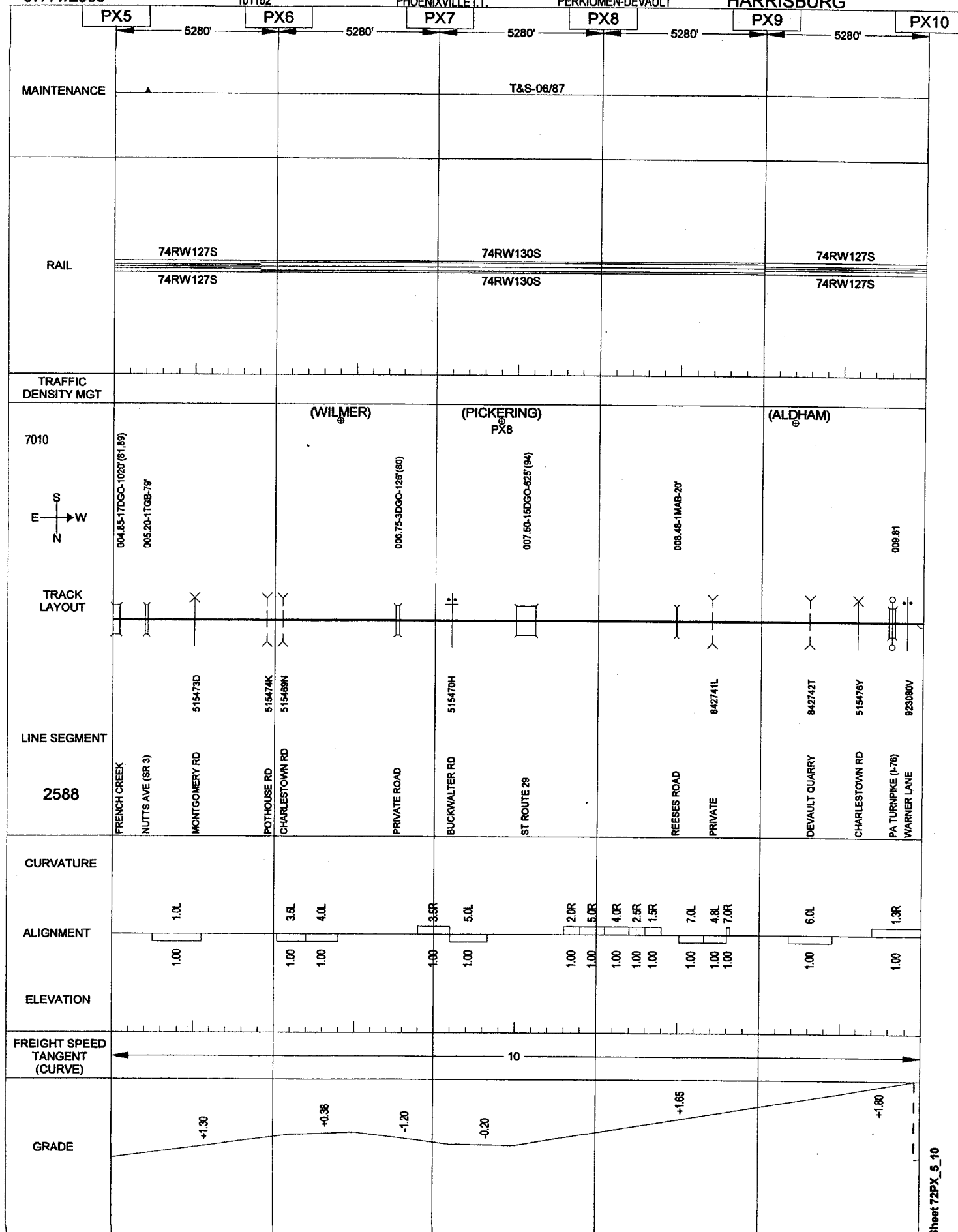
101152

115

PHOENIXVILLE I.T.

PERKIOMEN-DEVAULT

HARRISBURG



07/11/2006

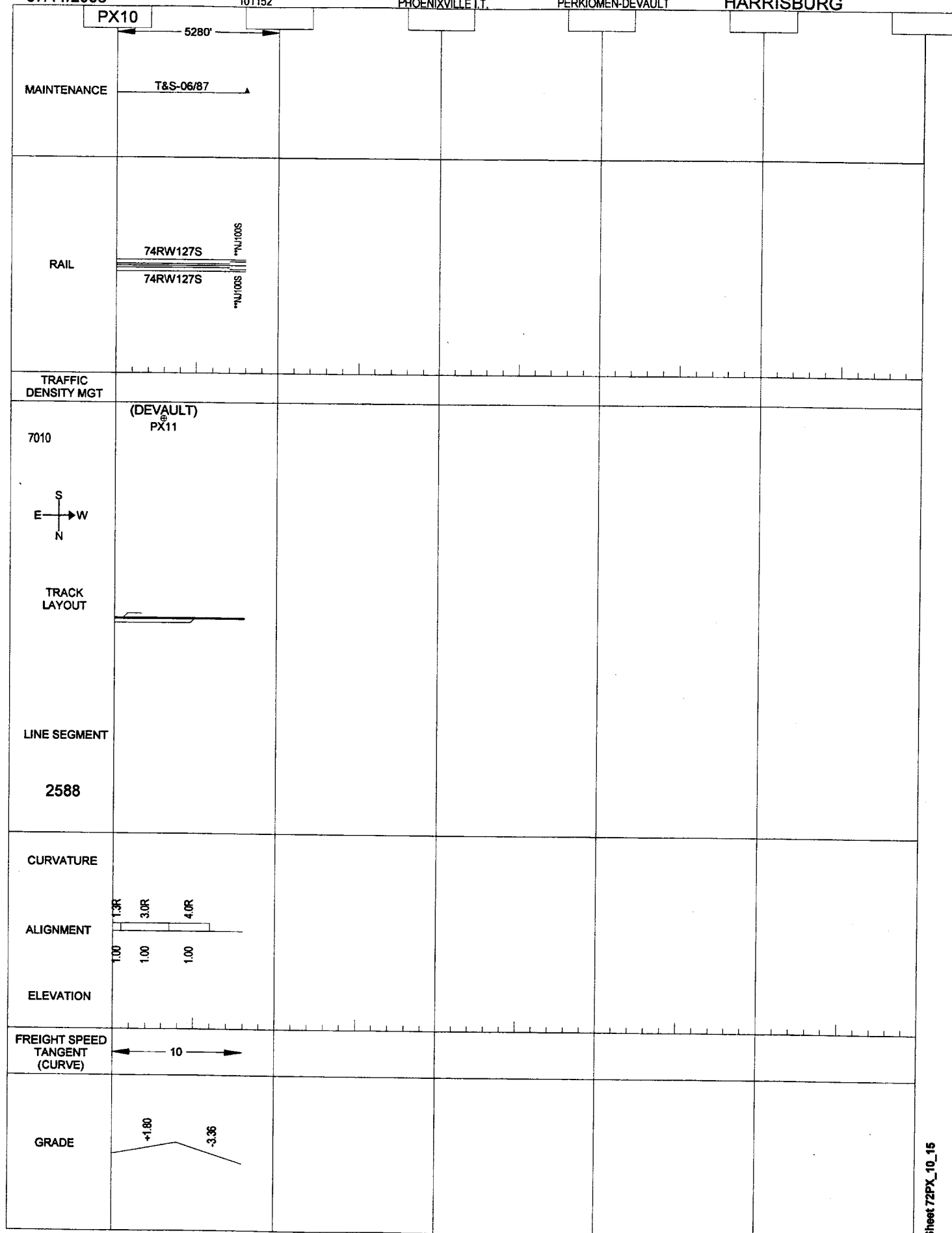
101152

116

PHOENIXVILLE I.T.

PERKIOMEN-DEVAULT

HARRISBURG



07/11/2006

101129

117

POTTSTOWN I.T.

FRICKS LOCK-POTTSTOWN

HARRISBURG

EF38

EF39

EF40

5280'

5280'

5308'

MAINTENANCE

RAIL

**UJ130S

**NJ25S

25UJ130S

**UJ130S

**NJ25S

25UJ130S

TRAFFIC
DENSITY MGT

7010

TRACK
LAYOUT(LOCK)
EF38038.12
038.21

039.06-1MAB-15'

039.50-1MAB-15'

039.61-1CSB-28'

531767E

531769X

531765R

LINE SEGMENT

2462

BYPASS
FIRESTONE CO

MOSER RD

WELLS RUN

KEIM ST

IRON CO
WATER ST

HUBBLEYS RUN

IND HWY

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

0.5L
1.003.0R
1.001.0R
1.00

10

0.00

-0.40

0.00

07/11/2006

101129

118

POTTSTOWN I.T.

FRICKS LOCK-POTTSTOWN

HARRISBURG

MAINTENANCE	EF40 5256'				
RAIL					
TRAFFIC DENSITY MGT					
7010 TRACK LAYOUT LINE SEGMENT 2462	(COLEBROOKDALE) (POTTSTOWN) EF40 040.17-1NAB-12' 040.20-1NAB-12' 040.49-6CSB-156' EF-40.80-HP-41.00 52977BY 507822G HANOVER ST WATERWAY GABLES RACE PRIVATE MANTAWAY CR INDUSTRIAL HWY				
CURVATURE					
ALIGNMENT					
ELEVATION					
FREIGHT SPEED TANGENT (CURVE)					
GRADE					

07/11/2006

100322

119
POTTSVILLE BR.

READING-CP BELT

HARRISBURG

FR59

FR60

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8151

S
E → W
N

TRACK
LAYOUT

LINE SEGMENT

2393

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

5280'

5280'

T&S-06/92
S-06/97

79RW131S

57NJ130S

96NW136S

79RW131S

57NJ130S

96NW136S

→ 7.0(14.0)
← 7.1→ 5.5(11.6)
← 6.1

CP WALNUT (READING)

CP OLEY

PIKE

058.64-1MPB-12'

058.01-1MVB-30'

FR-58.65HP-58.65

TO READING YARD

058.32-1CAB-50'

TO YARD

FR-58.60-HP-58.60

SEWER

OLEY ST

SPRING ST

11TH ST I.T.

1.0R

1.00

2.5L

1.00

30

-0.01

-0.16

07/11/2006

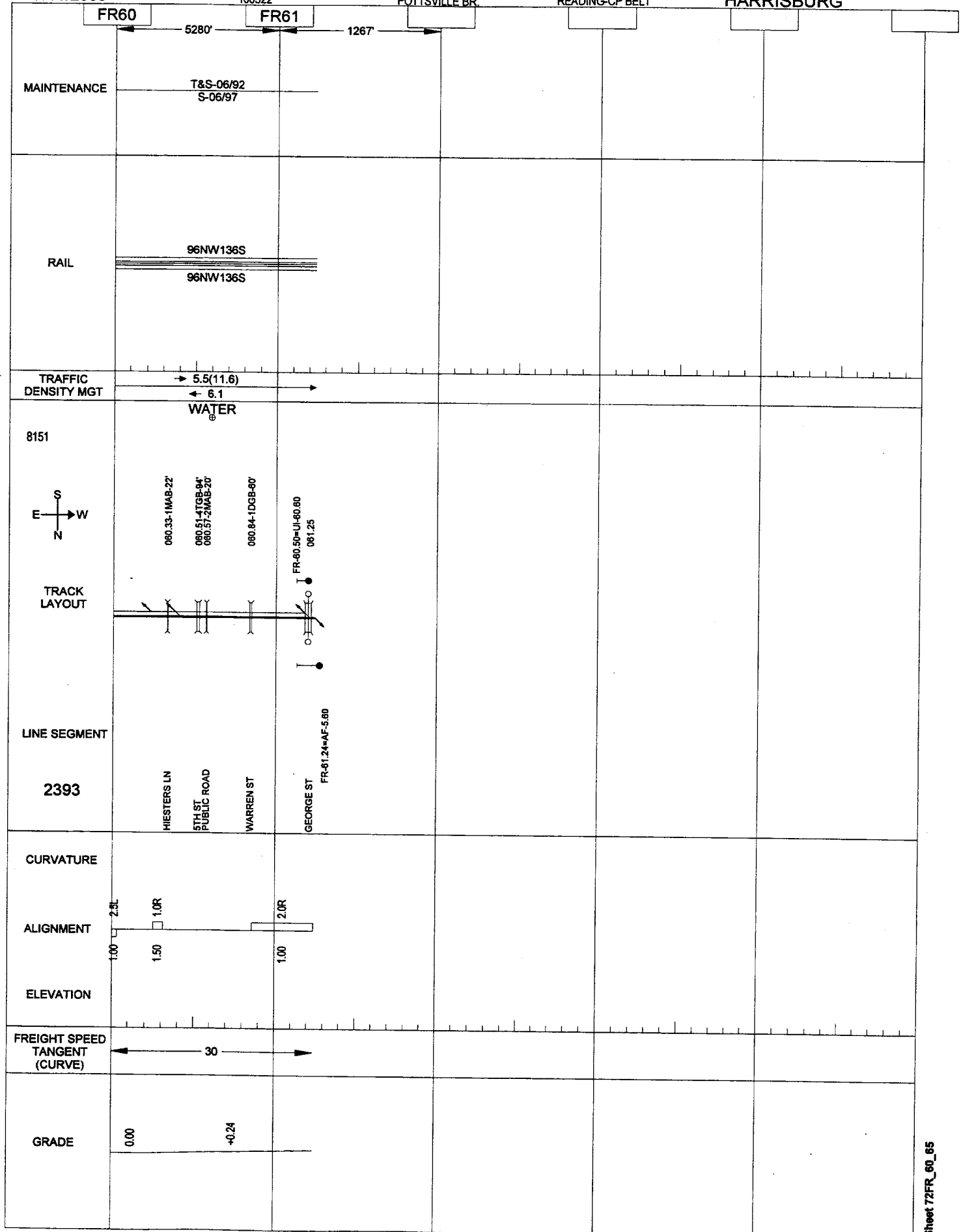
100322

120

POTTSVILLE BR

READING-CP BELT

HARRISBURG



07/11/2006

101129

121
READING I.T.

BIRDSBORO-GIBRALTER

HARRISBURG

EX50

4224'

T&S-06/97

MAINTENANCE

RAIL

**NJ100S 24NJ130S

**NJ100S 24NJ130S

TRAFFIC
DENSITY MGT

7010

TRACK
LAYOUT

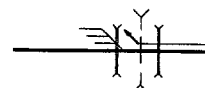
LINE SEGMENT

2471

(BIRDSBORO)

048.51-1MAB-24'

048.78-1CSB-24'



528751H

BIDLERS RUN
CLINGAN RD
CLINGAN RD

CURVATURE

ALIGNMENT

ELEVATION

0.2L
1.00FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.09

-0.02

07/11/2006

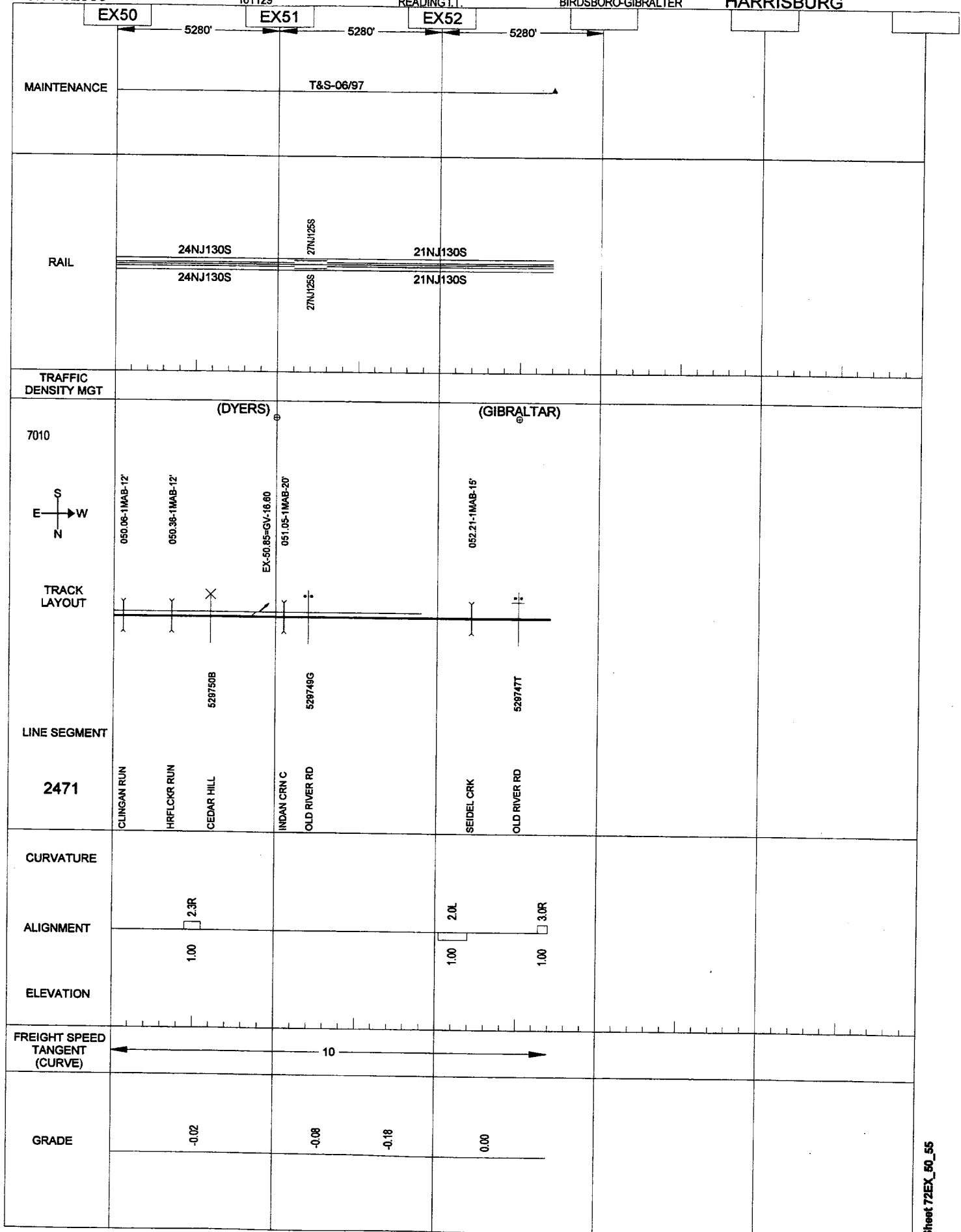
101129

122

READING I.T.

BIRDSBORO-GIBRALTER

HARRISBURG



07/11/2006

101129

123
READING I.T.

READING

HARRISBURG

UI59

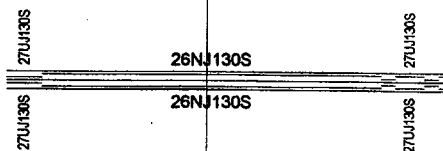
UI60

5280'

5280'

MAINTENANCE

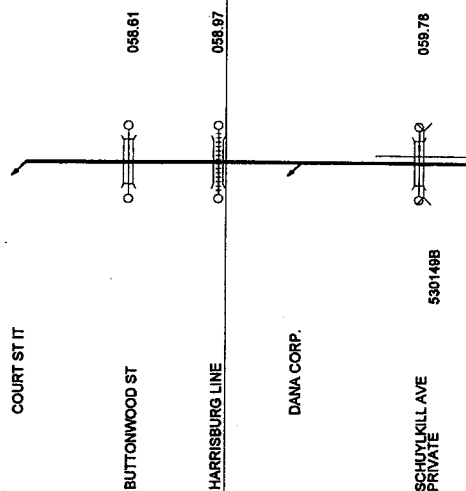
RAIL

TRAFFIC
DENSITY MGT

7010

TRACK
LAYOUT

(READING)



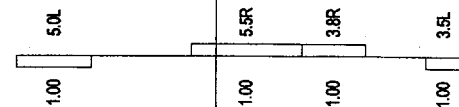
LINE SEGMENT

2654

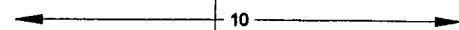
CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE



07/11/2006

101129

124

READING I.T.

READING

HARRISBURG

UI60

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7010

S
E → W
N

TRACK
LAYOUT

LINE SEGMENT

2654

UI-60.80-FR-60.50

CURVATURE

ALIGNMENT

2.0L
1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.32
0.00

07/11/2006

100310

125
CORNWALL I.T.

WALL-ZINNS MILL

HARRISBURG

2640'

MAINTENANCE

RAIL

27R.F.130S
27R.F.130S
27R.F.100S
27R.F.100S

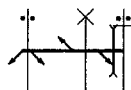
TRAFFIC
DENSITY MGT

8171

CP WALL
ZW0

E
N → S
W

000.85-1 CBB-12

TRACK
LAYOUT

LINE SEGMENT

2915

16TH ST
ZW+0.50=HP-37.46
591525X
WILLOW ST
591527L
WATERWAY
591528T
CUMBERLAND ST

CURVATURE

ALIGNMENT

8.0R
1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

← 10 →

GRADE

0.00

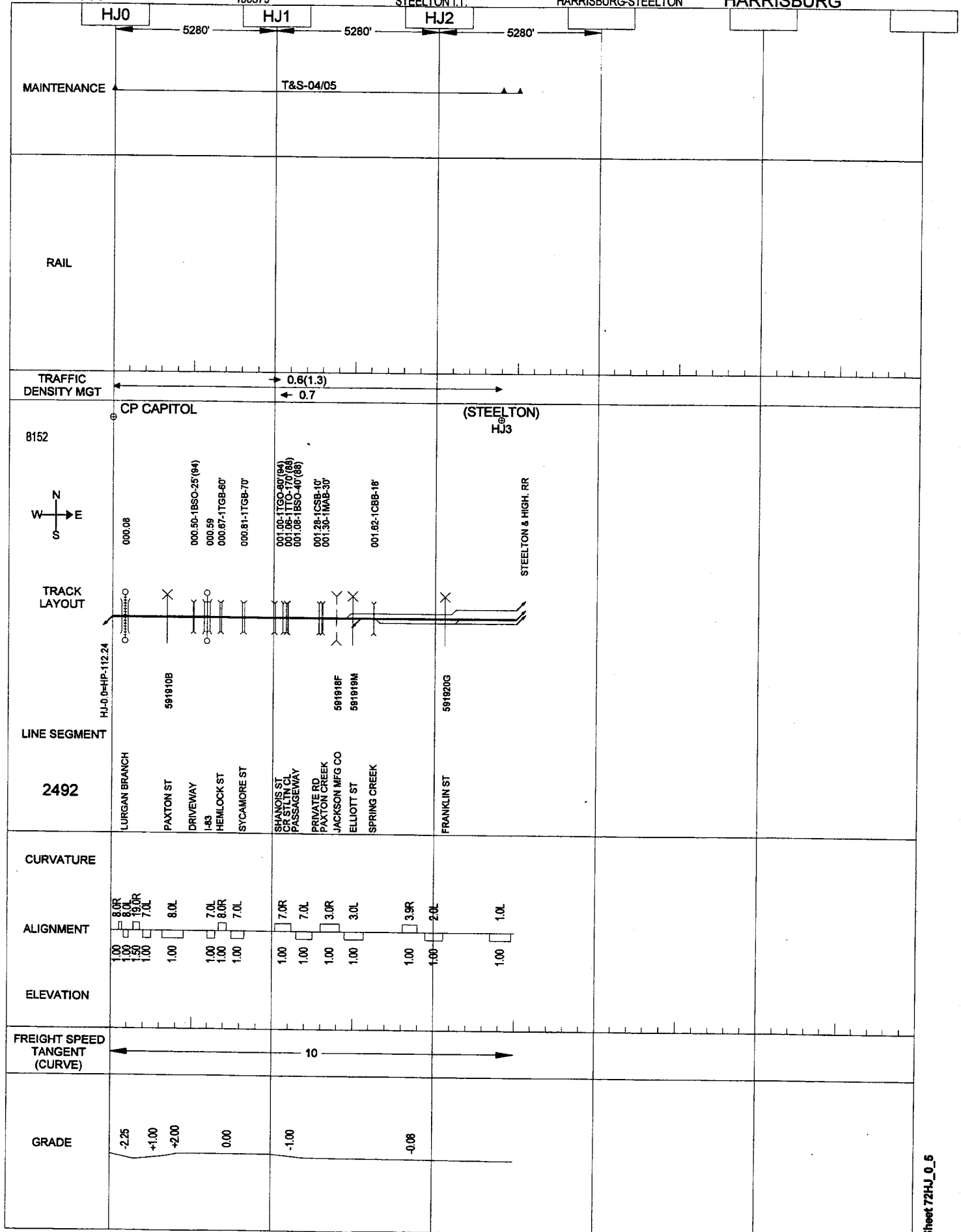
07/11/2006

100379

126
STEELTON I.T.

HARRISBURG-STEELTON

HARRISBURG



07/11/2006

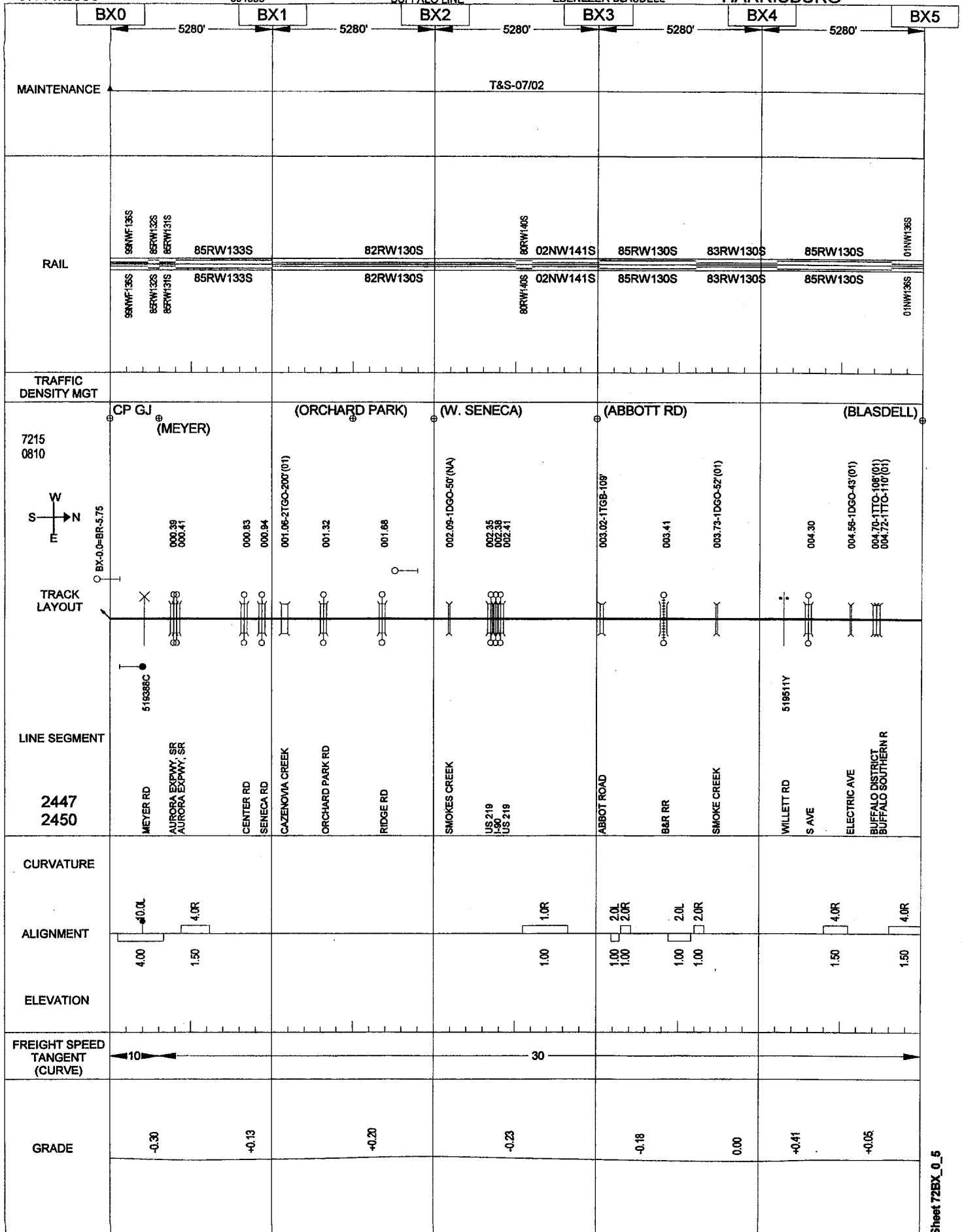
304853

127

BUFFALO LINE

EBENEZER-BLASDELL

HARRISBURG



07/11/2006

304853

128

BUFFALO LINE

EBENEZER-BLASDELL

HARRISBURG

BX5

5280'

MAINTENANCE

T&S-07/02

RAIL

01NW136S 85RW127S

01NW136S 85RW127S

TRAFFIC
DENSITY MGT

0810

(BLASDELL) CP 5

W
S → N
E

005.08-1TTB-181'

TO CSX

TRACK
LAYOUT

LINE SEGMENT

2450

CSXT

CURVATURE

ALIGNMENT

4.0R
1.50

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.05

-0.79

07/11/2006

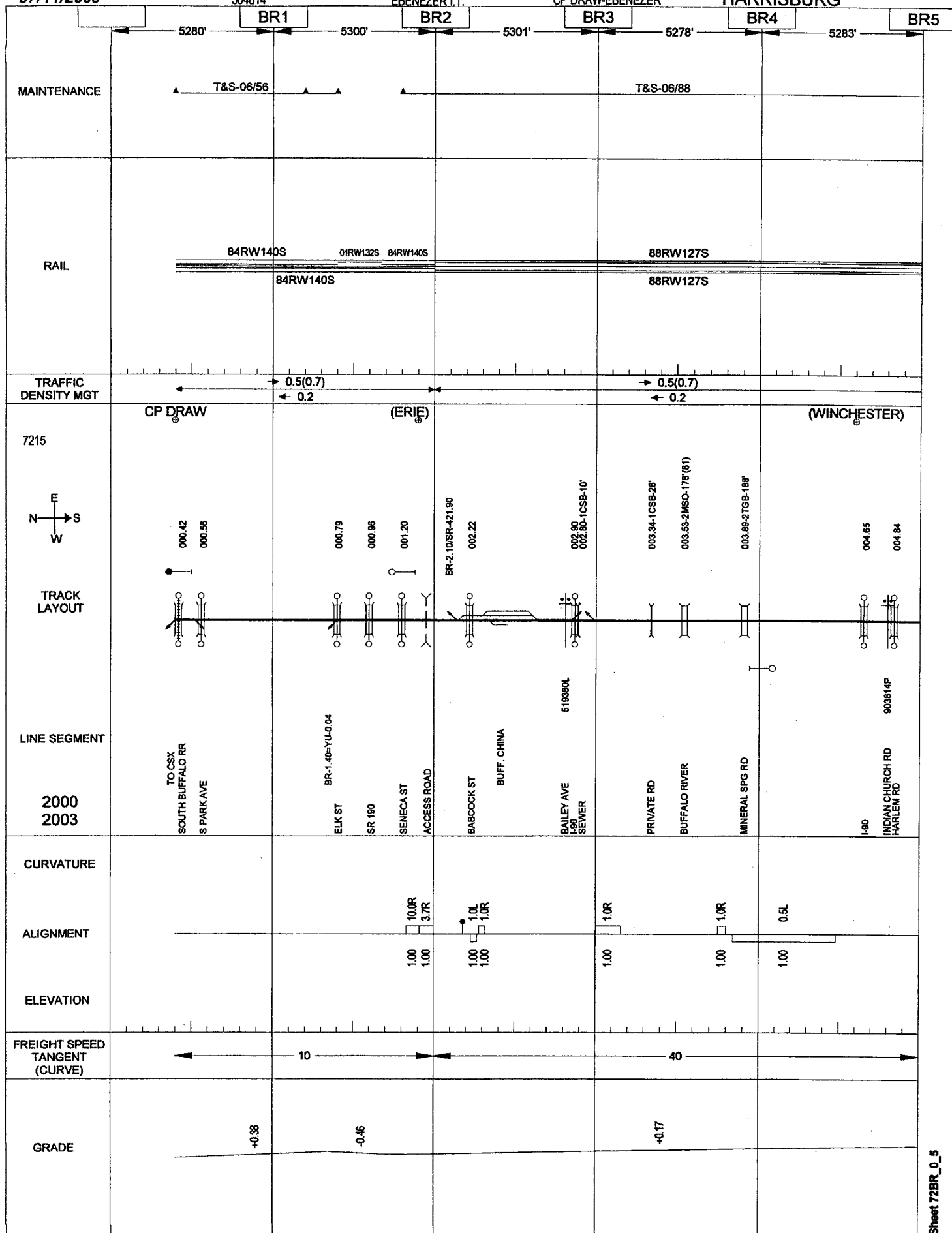
304814

129

EBENEZER I.T.

CP DRAW-EBENEZER

HARRISBURG



07/11/2006

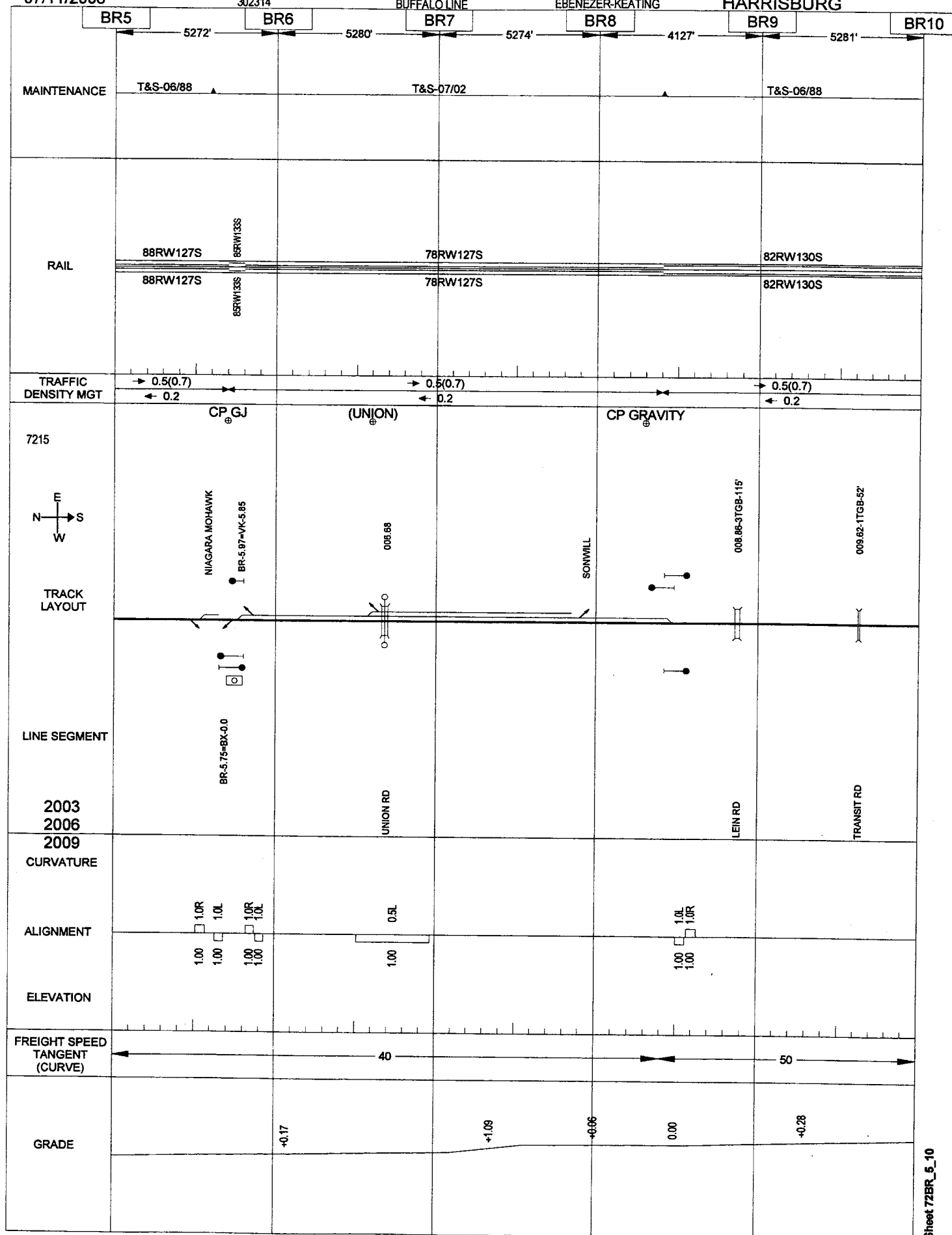
302314

130

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



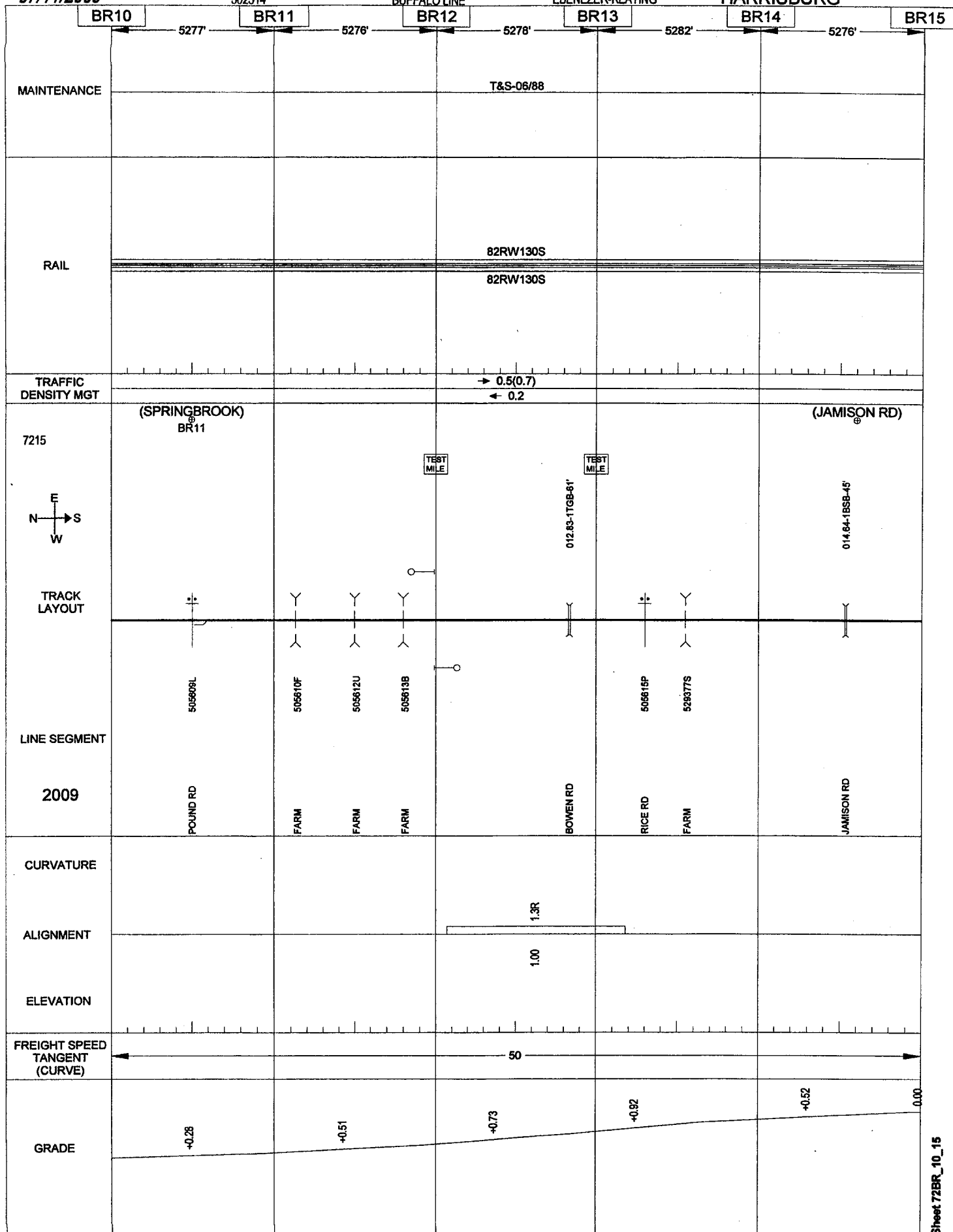
07/11/2006

302314

131
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

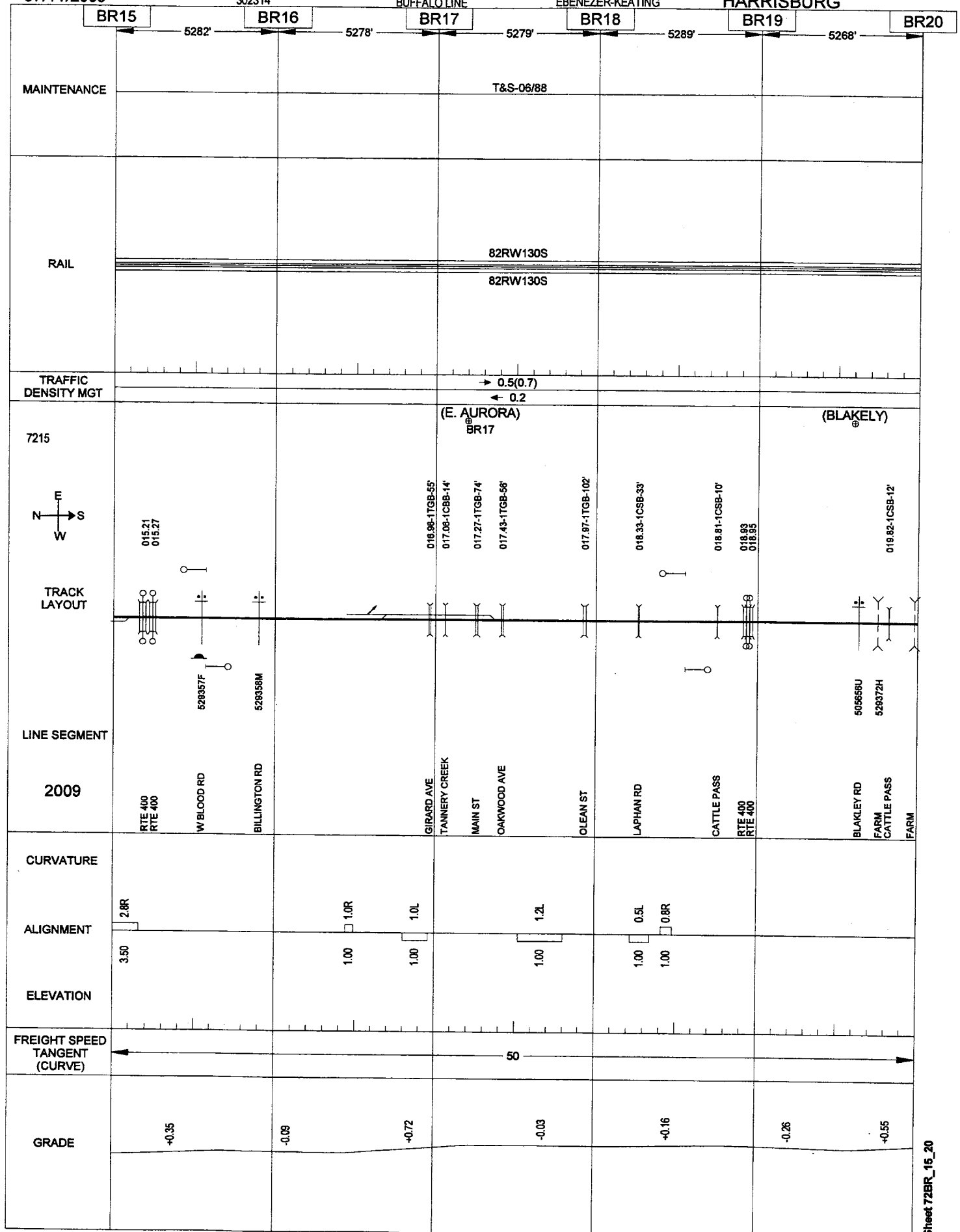
302314

132

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



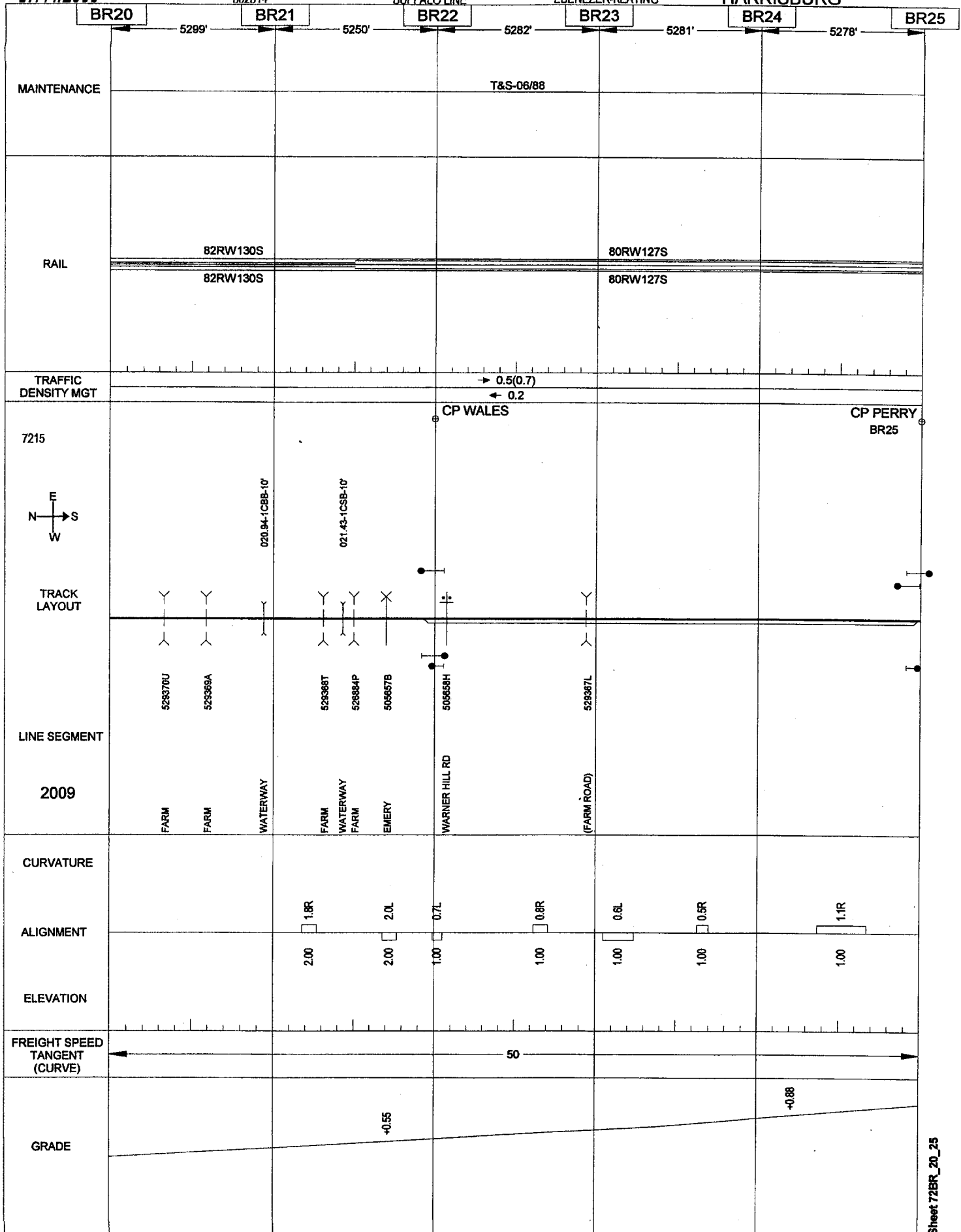
07/11/2006

302314

133
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

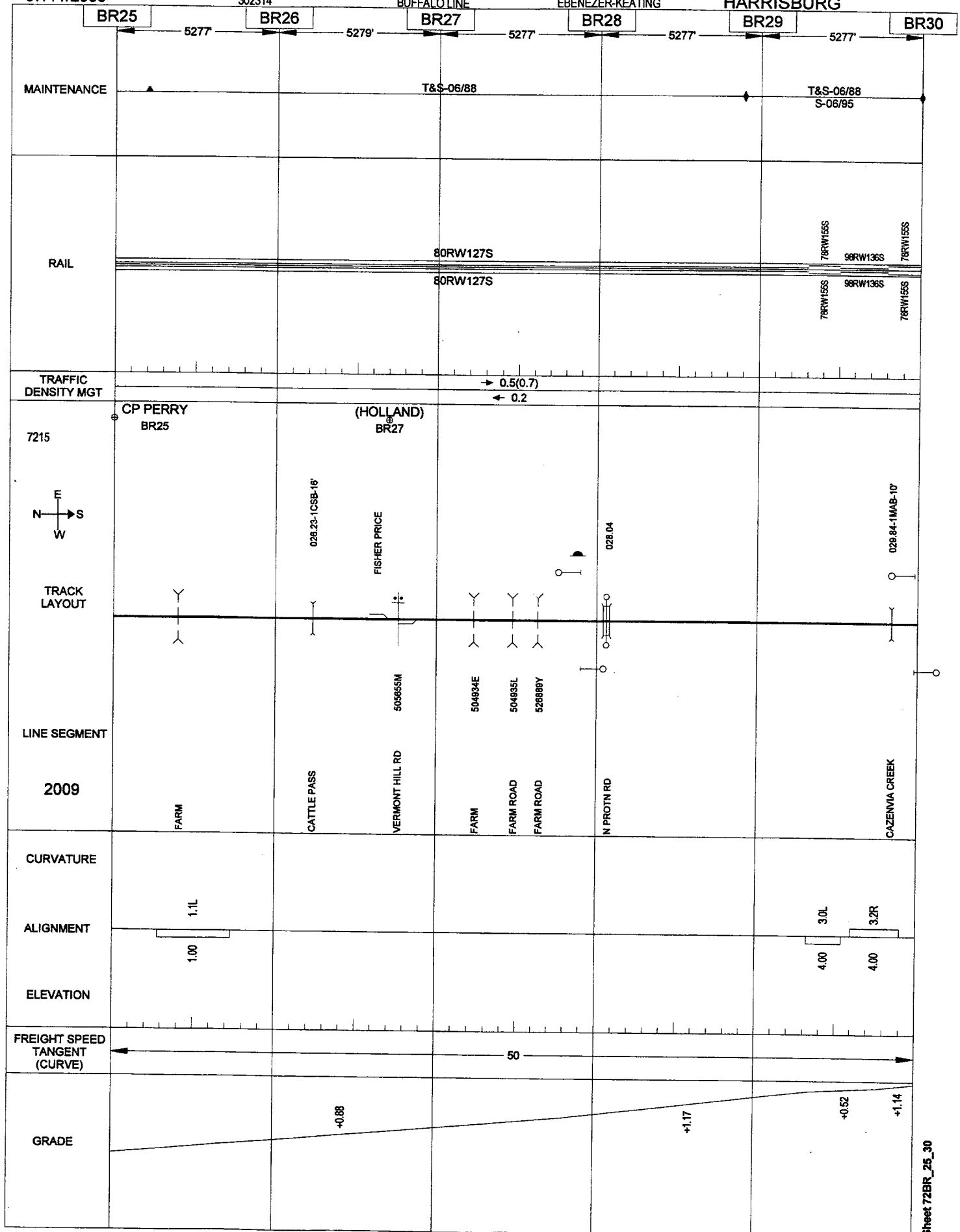
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134

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



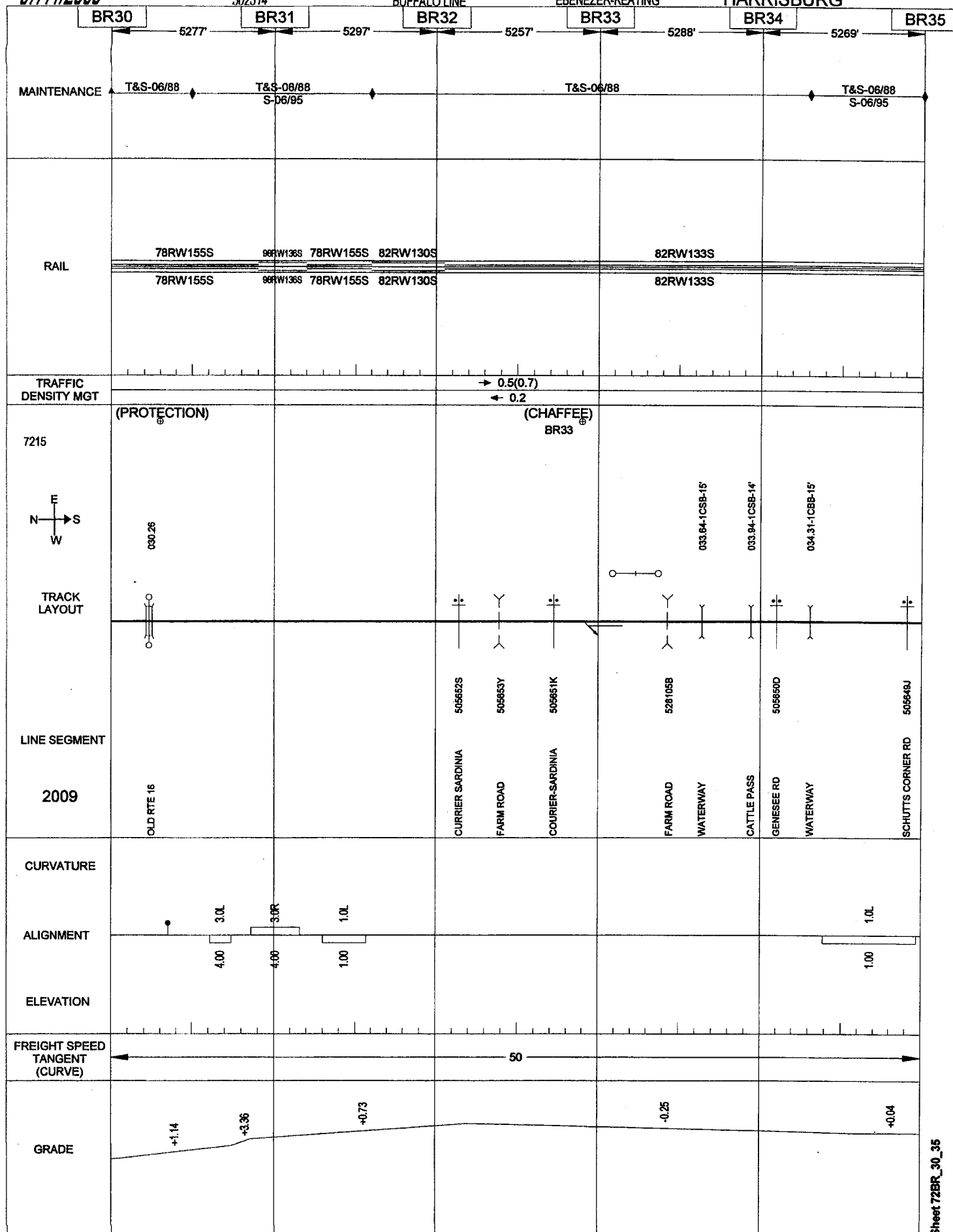
07/11/2006

302314

135
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

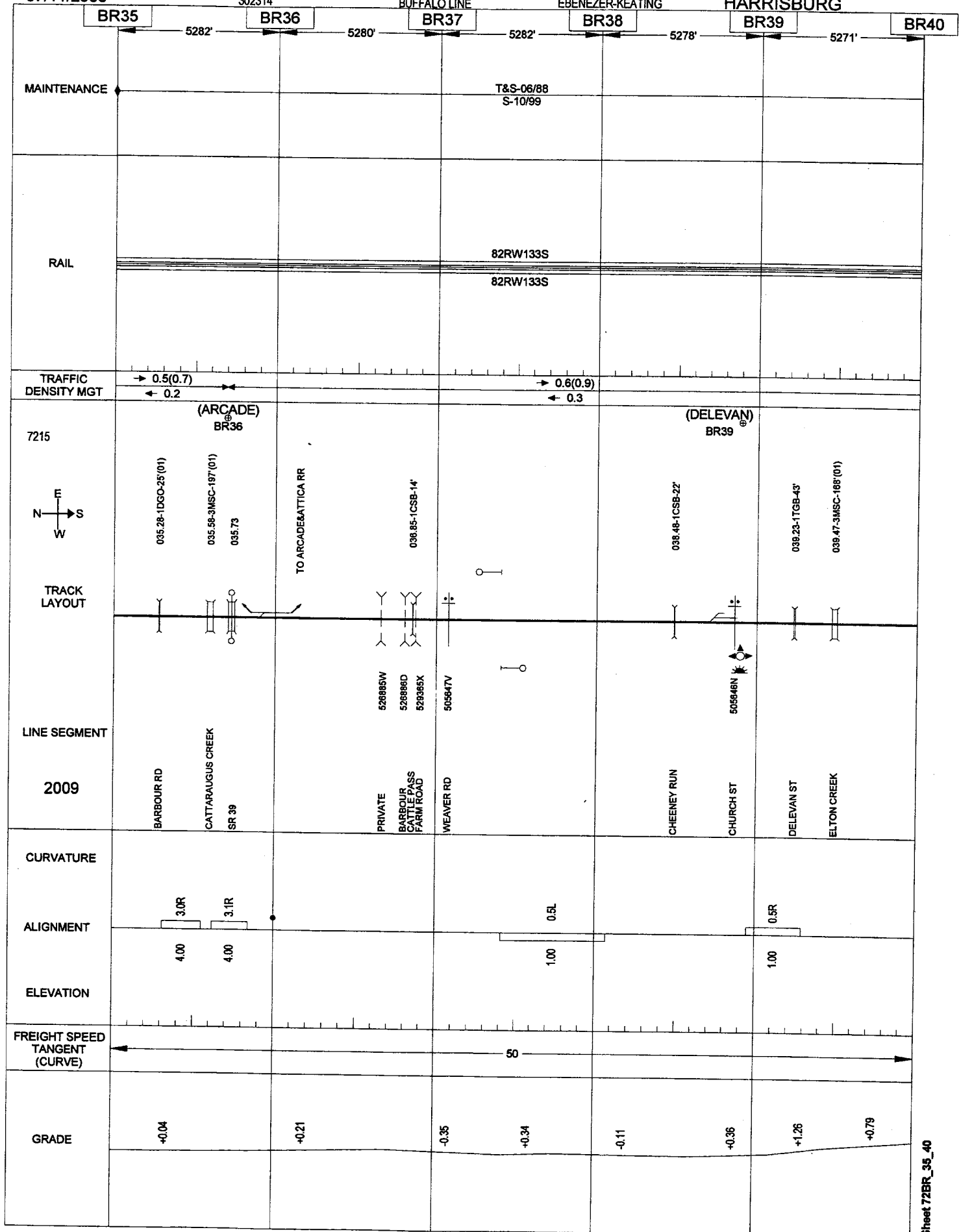
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136

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



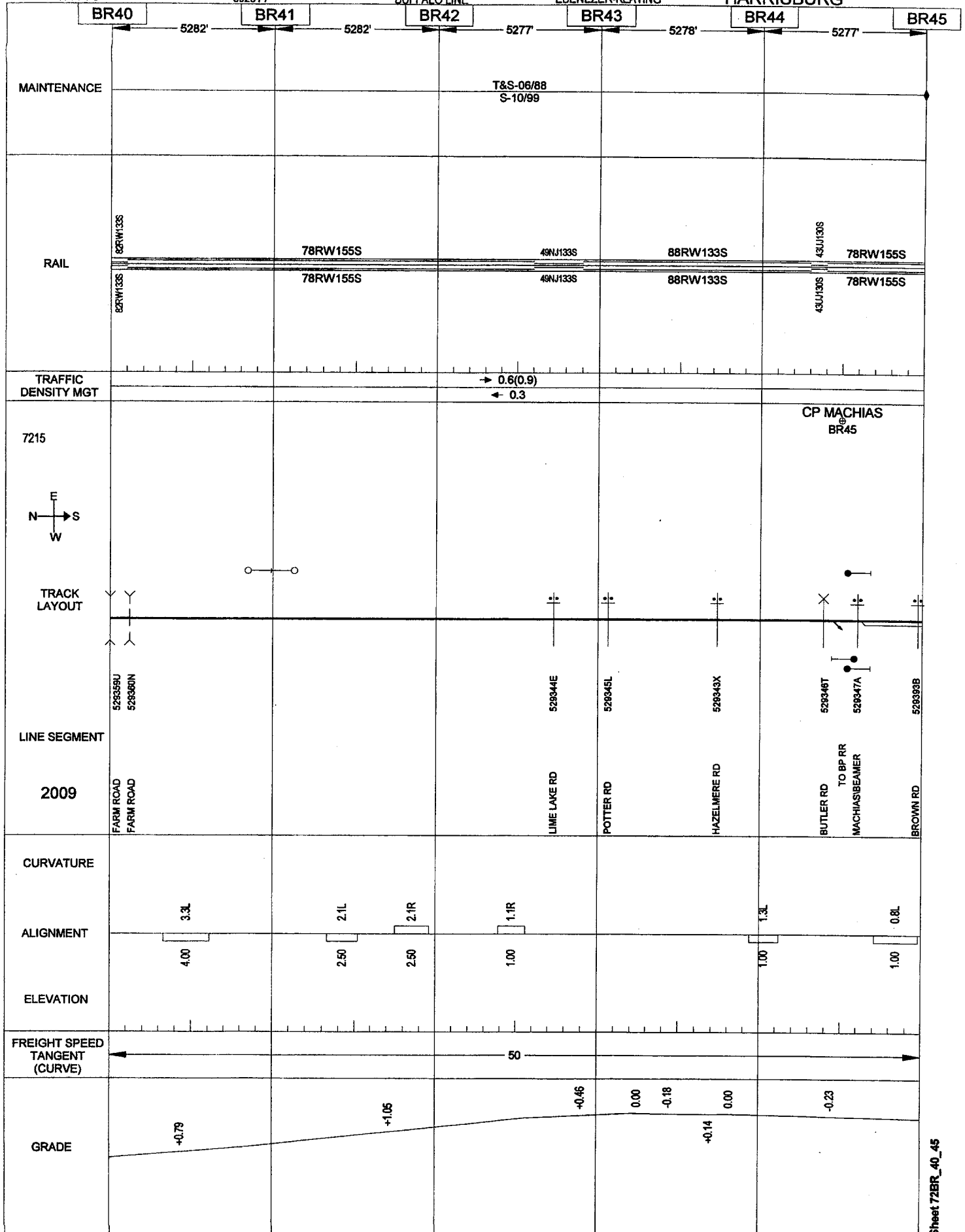
07/11/2006

302314

137
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

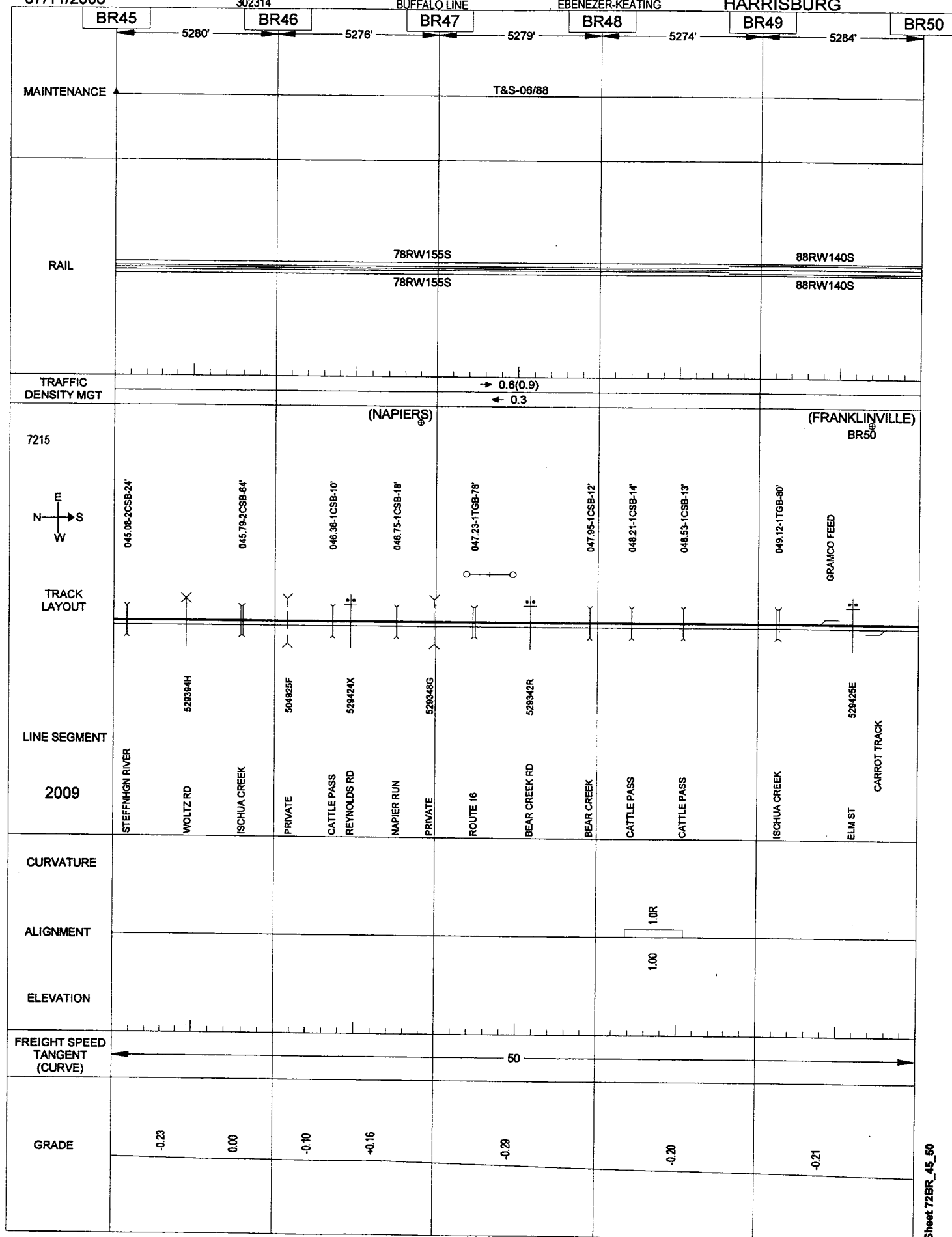
302314

138

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

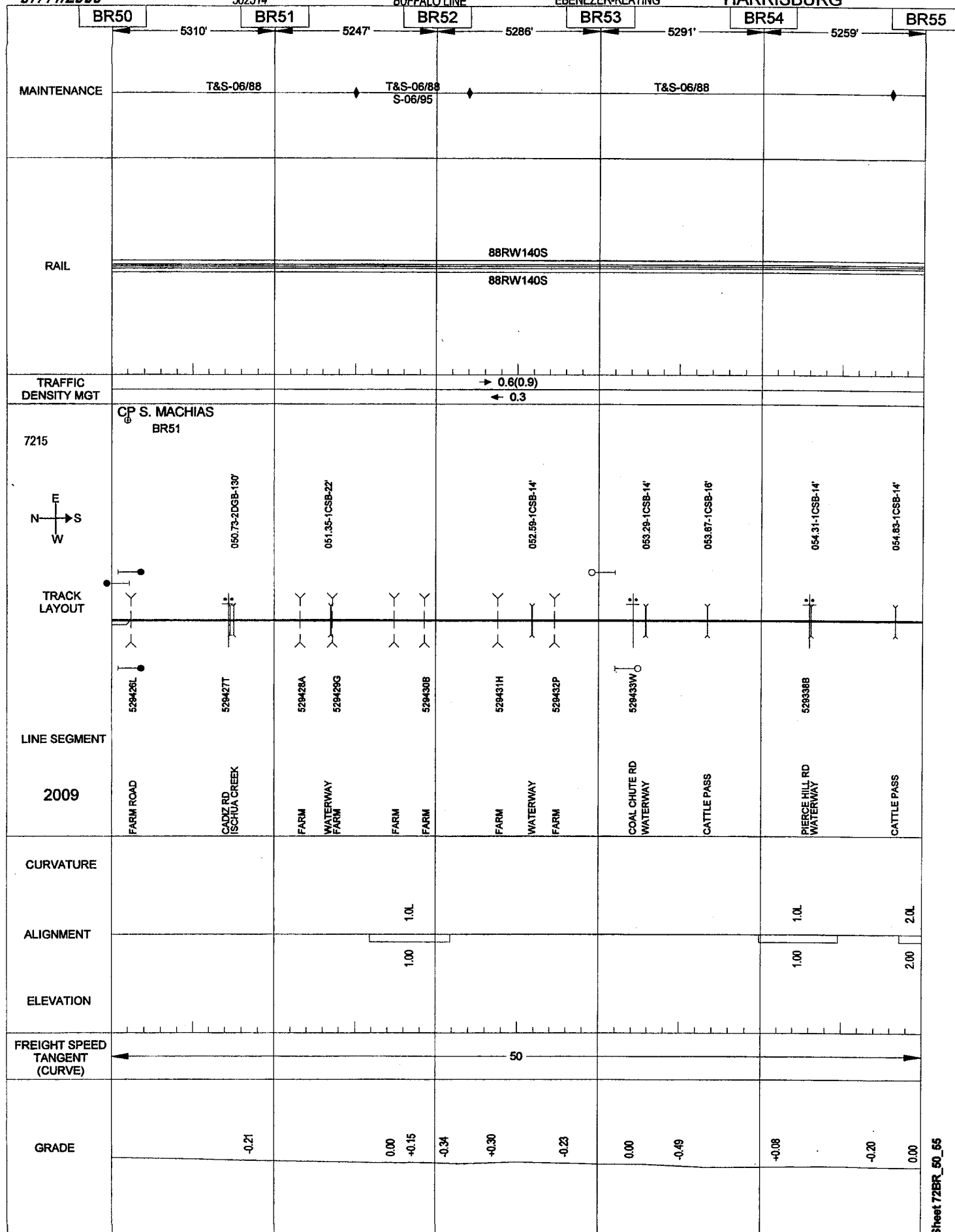
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139

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

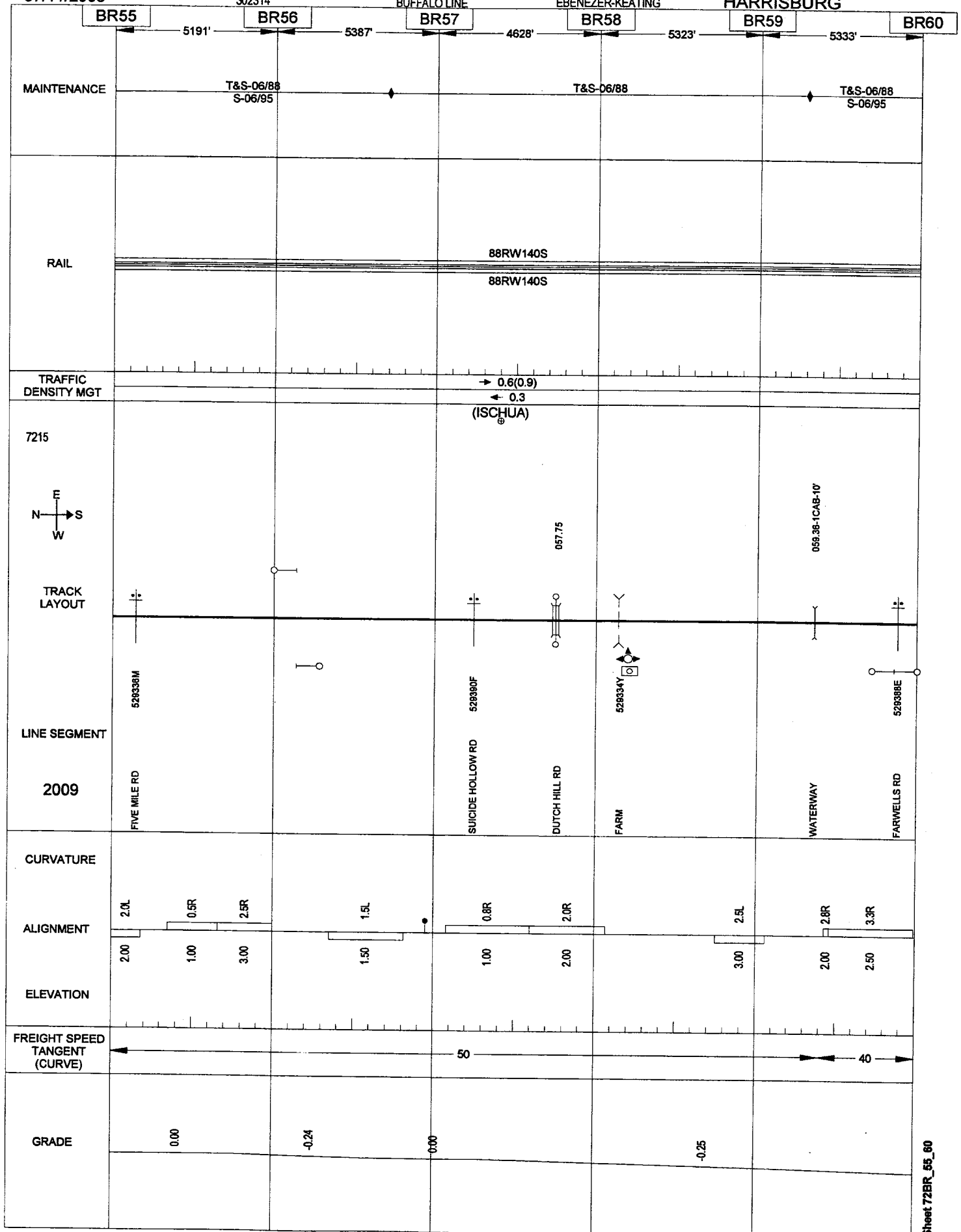
302314

140

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



HARRISBURG

BR65

- 5274'

T&S-06/88

88RW140S

→ 0.6(0.9)
← 0.3

TRACK LAYOUT

061.45-1CSB-14'

062.40-1 BSO-24'(05)

063.72-1BSO-23'(82)

2009

WATERWAY

FARM

PHILLIPS RUN

GILE HOLLOW RD

GULL BROOK

CURVATURE

201

2.0R

1.5L

2.0R

1.0R

2.0L

ALIGNMENT

2.00

2.00

1.50

2.00

1.00

2.00

ELEVATION

**FREIGHT SPEED
TANGENT
(CURVE)**

- 50

GRADE

-0.25

0.00

15

27

07/11/2006

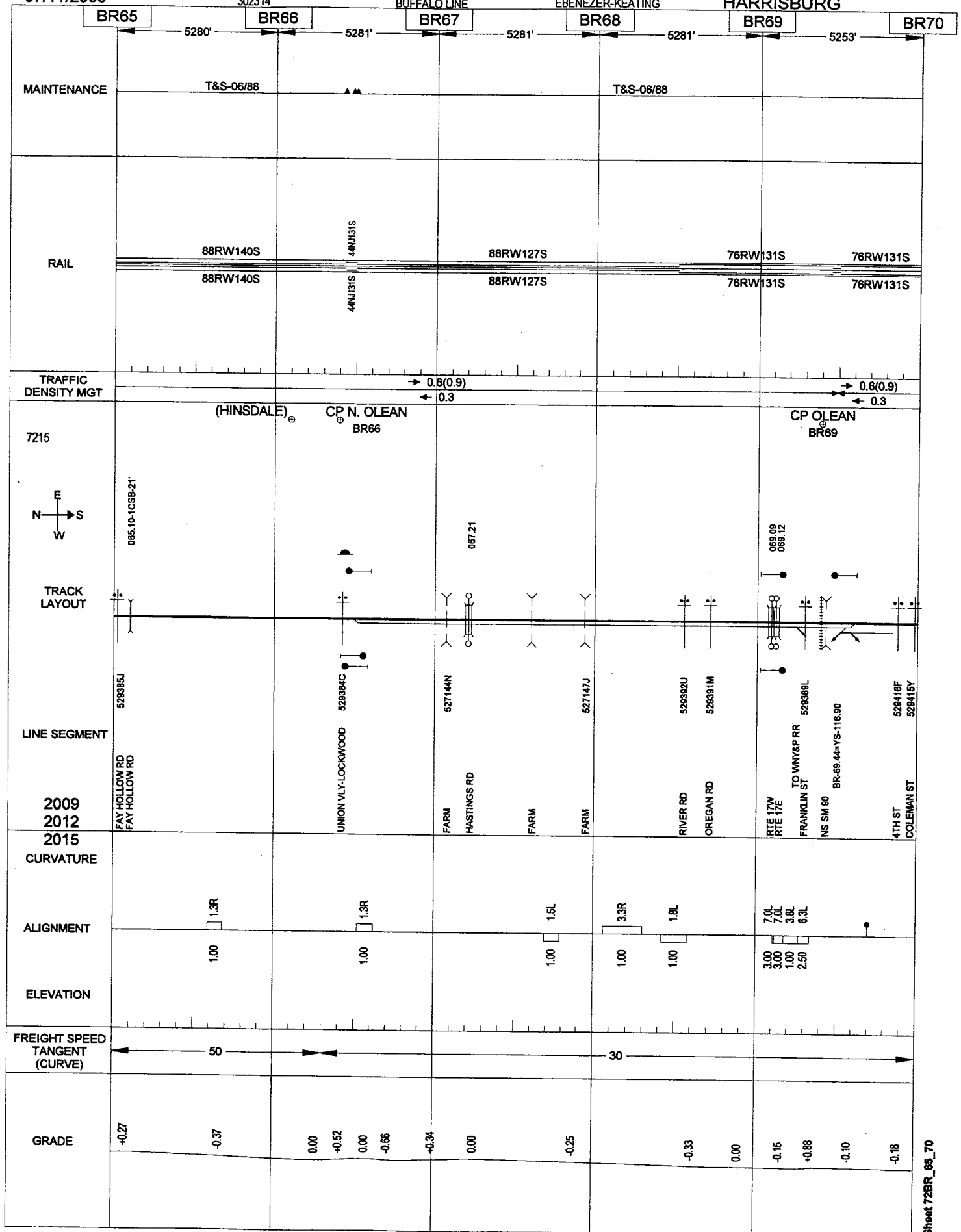
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142

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

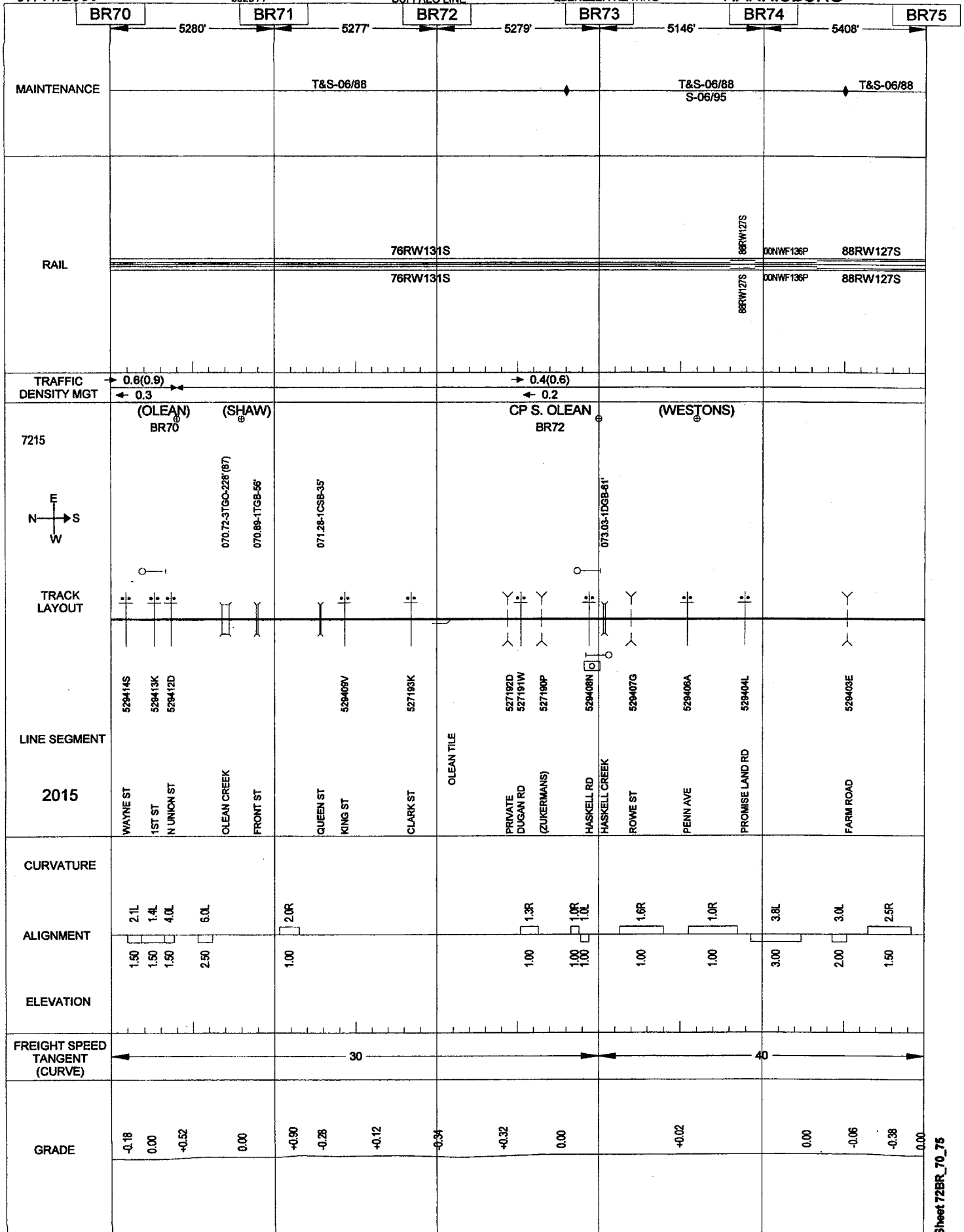
302314

143

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

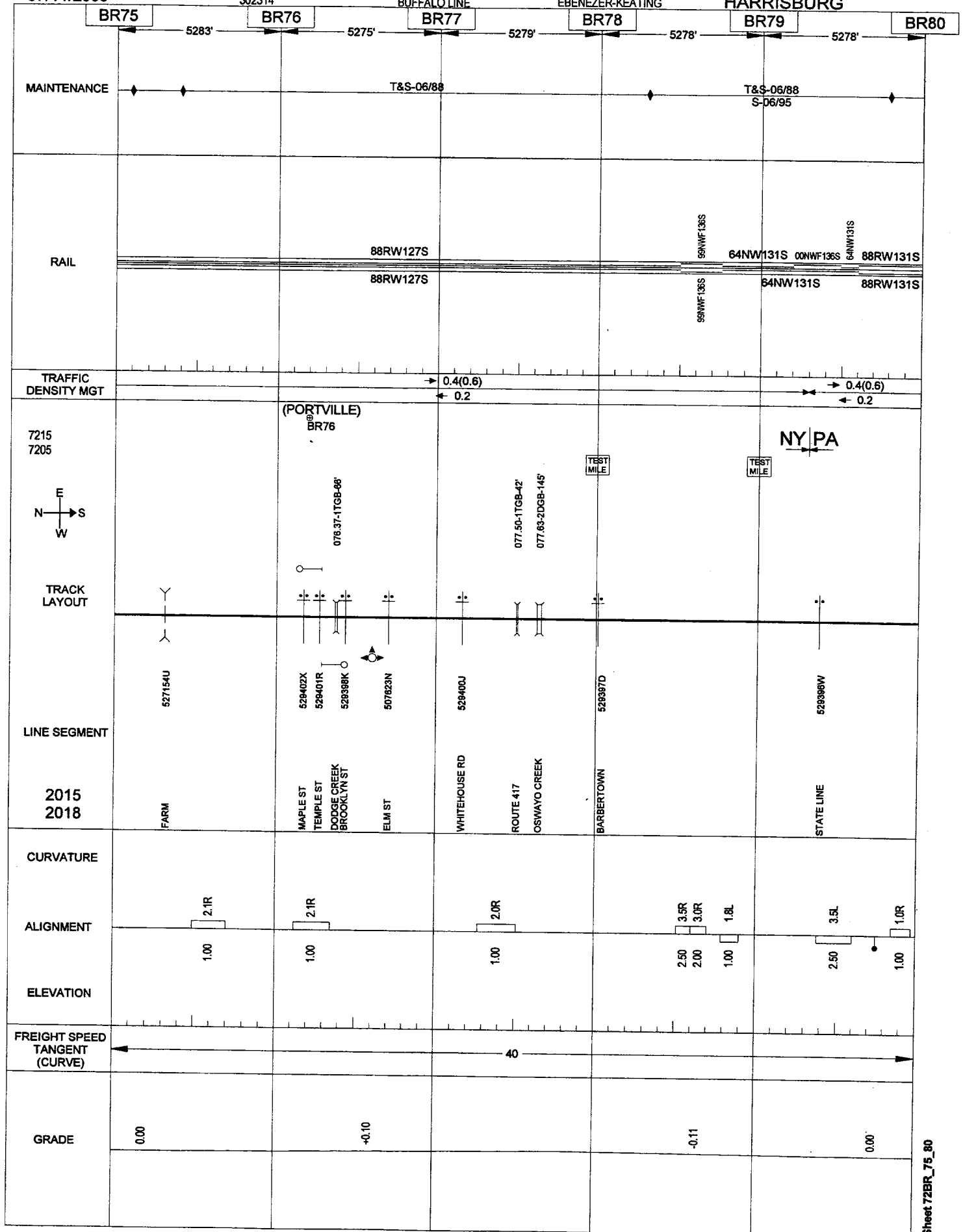
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144

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



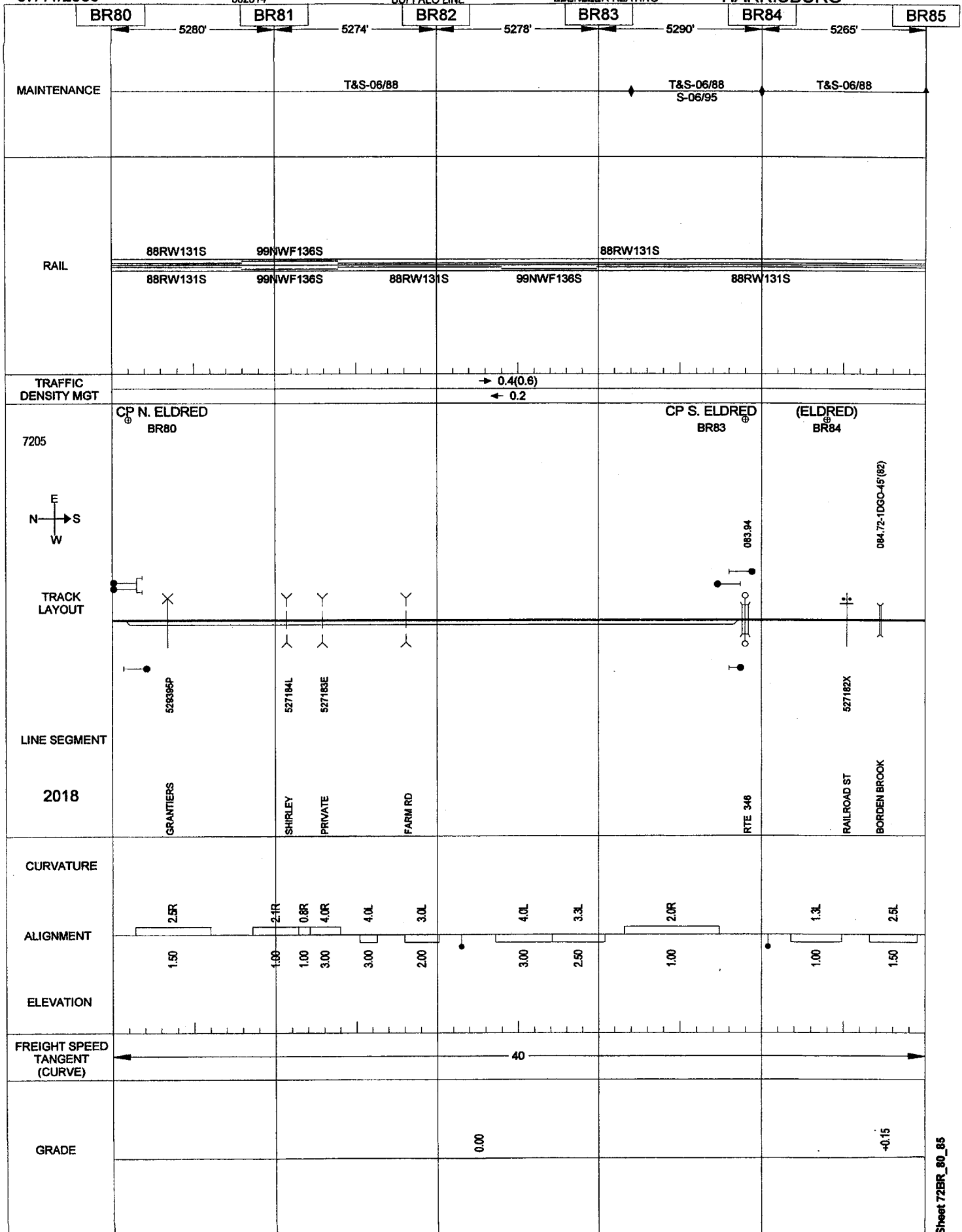
07/11/2006

302314

145
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



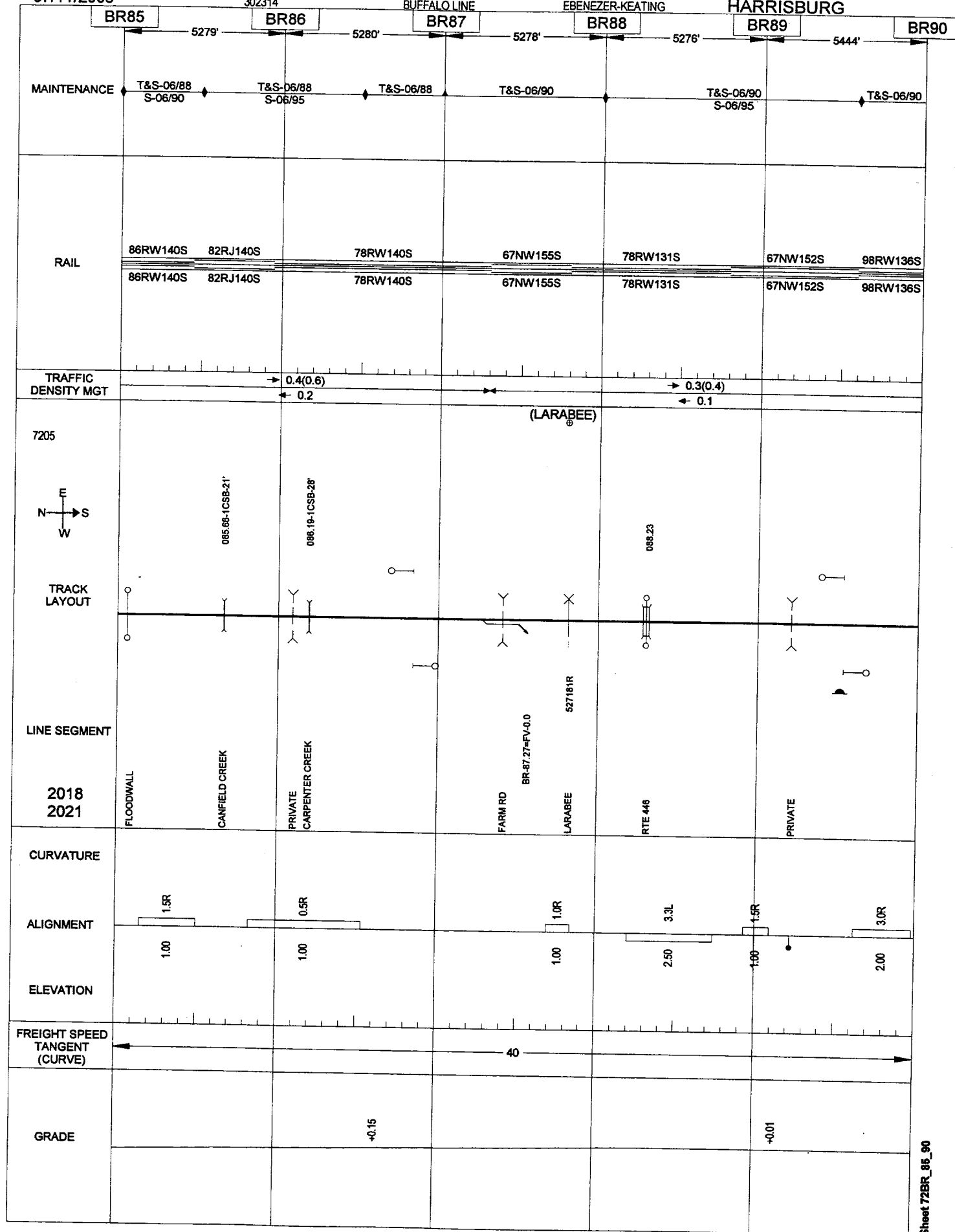
07/11/2006

302314

146
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

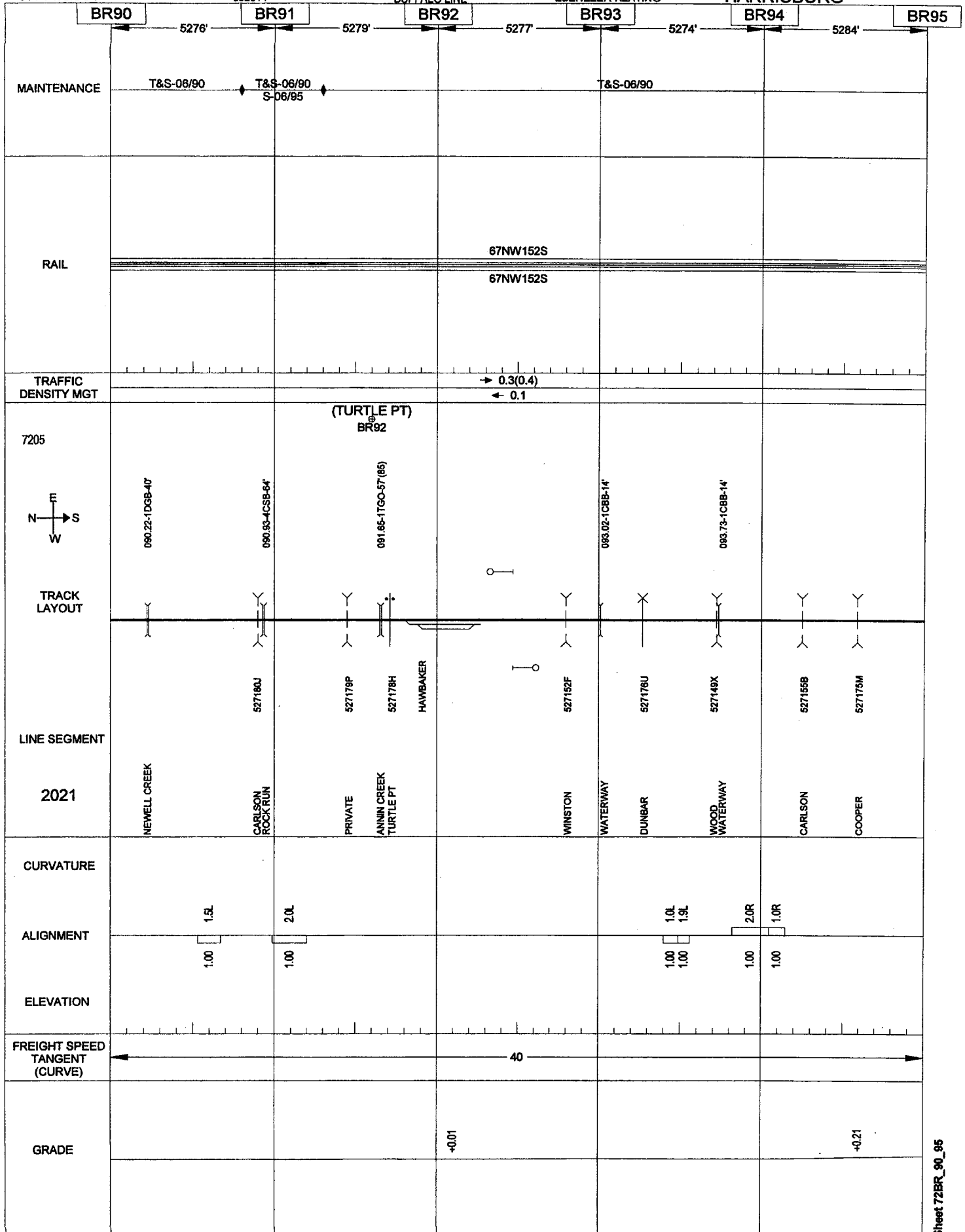
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147

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

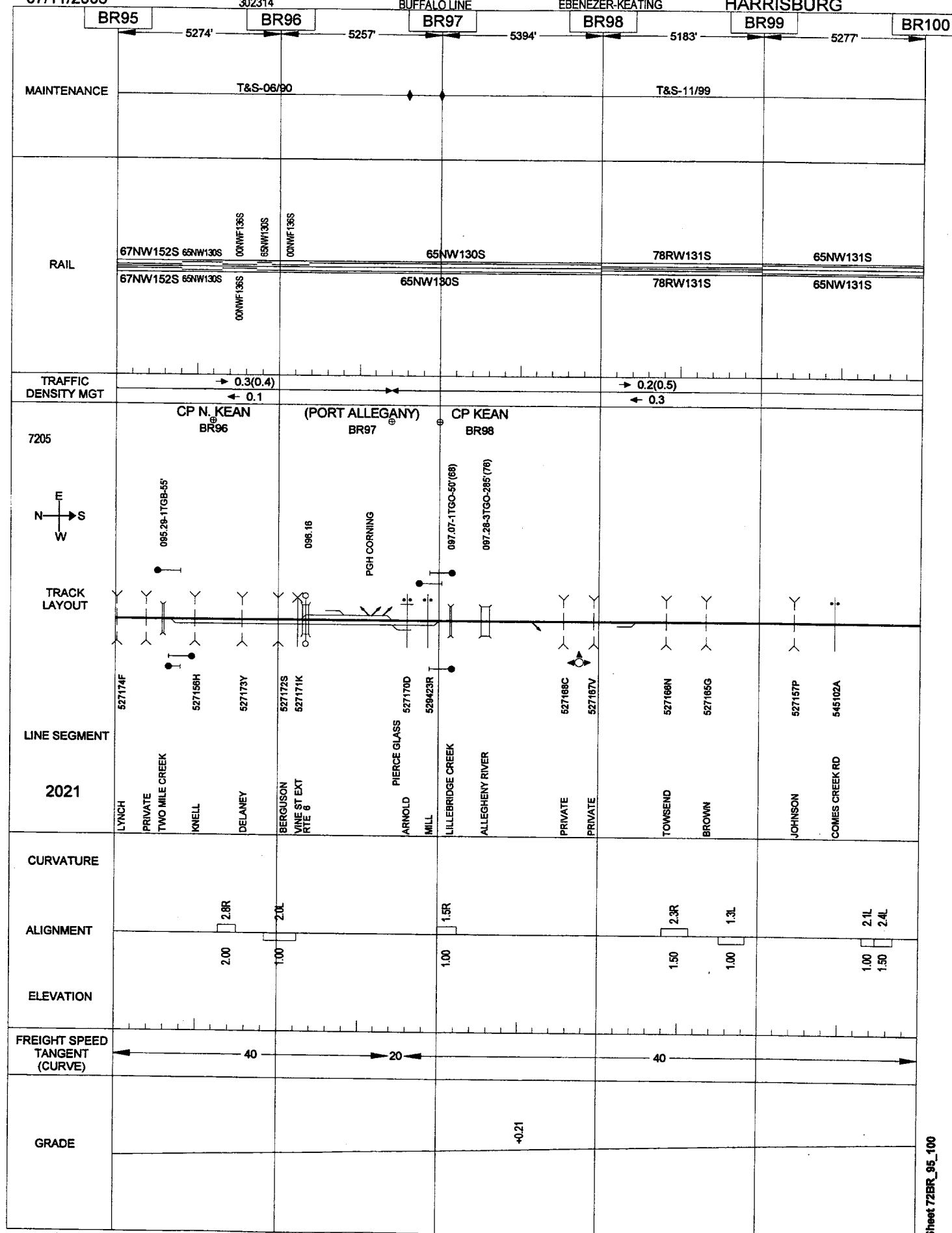
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148

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



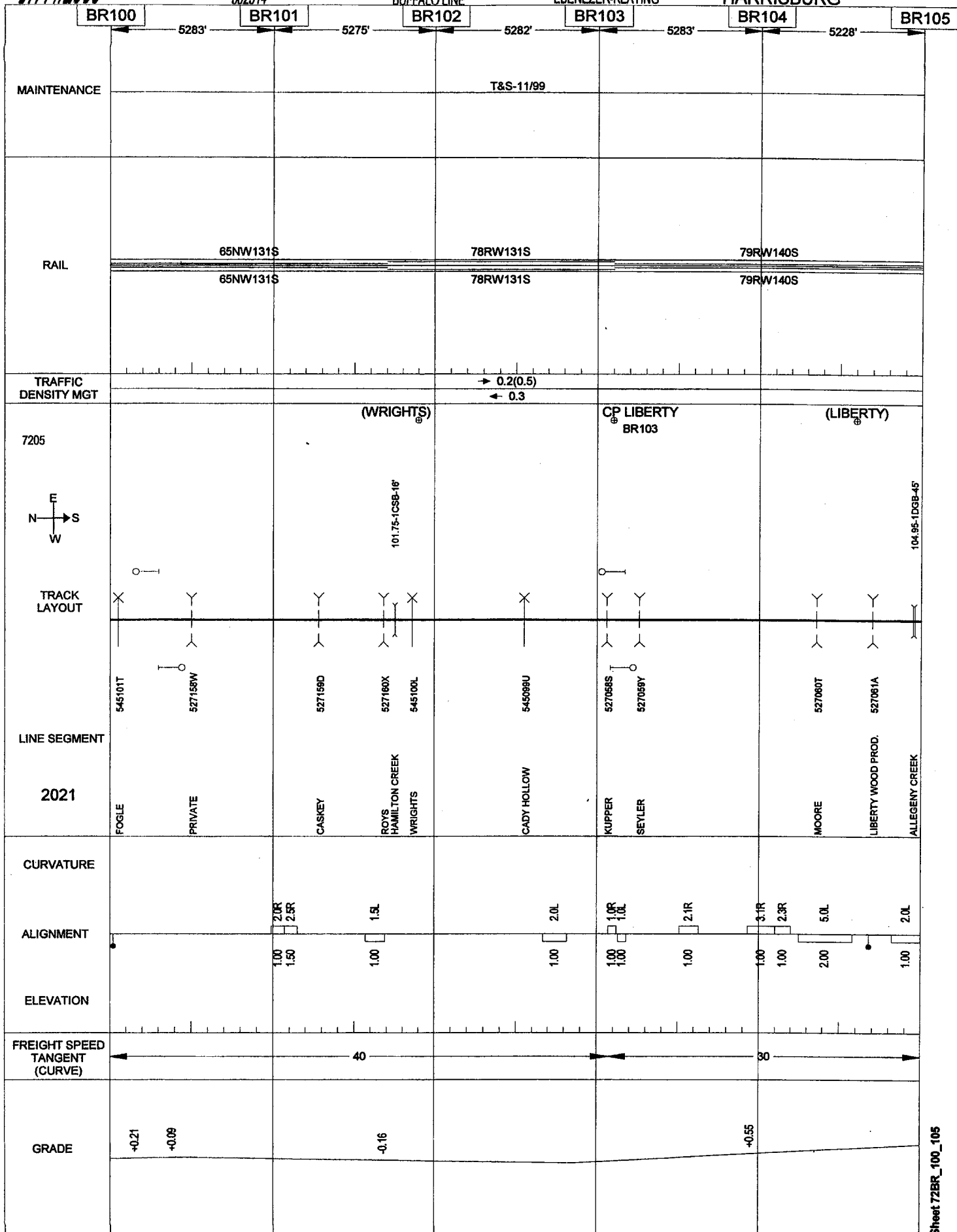
07/11/2006

302314

149
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

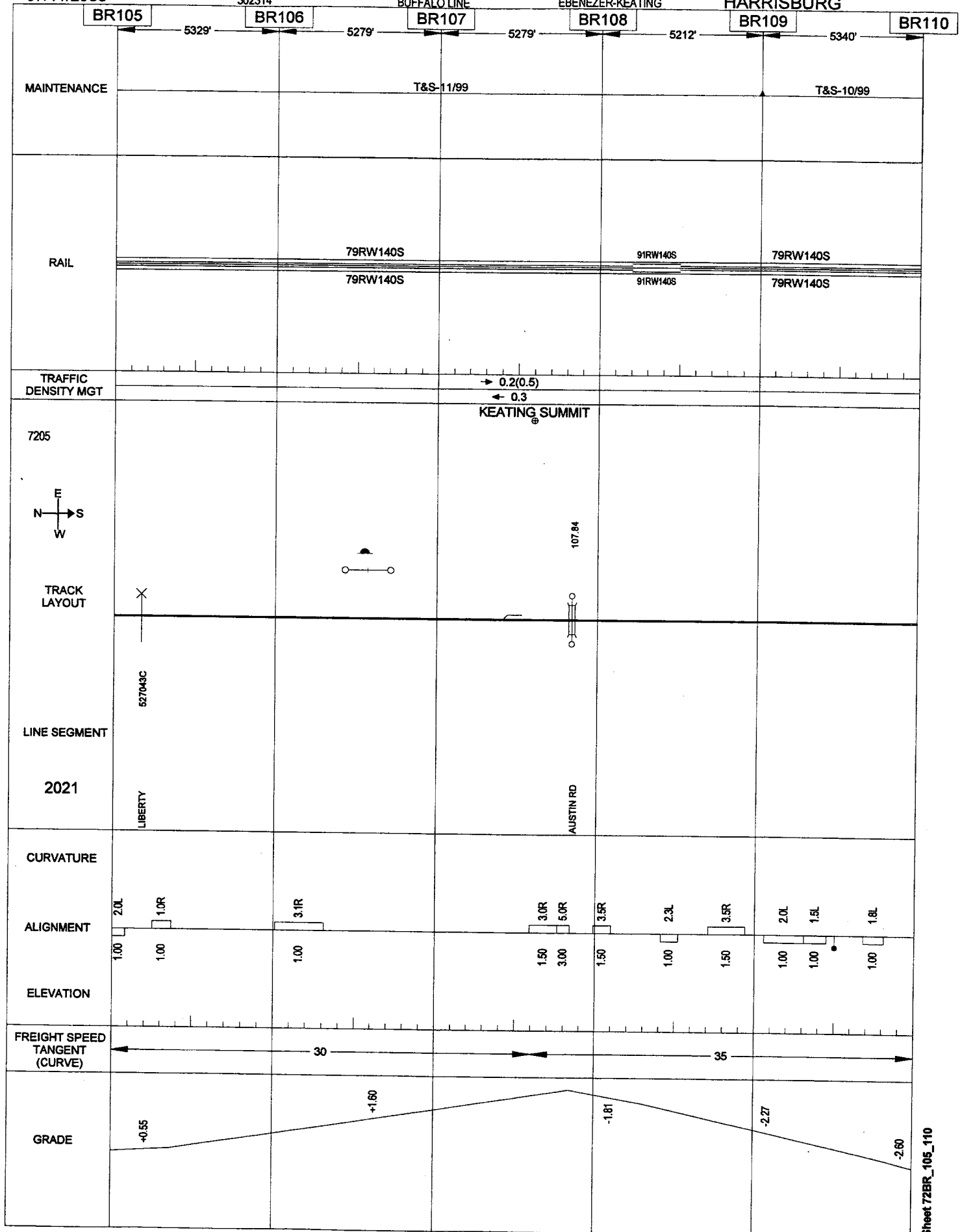
302314

150

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

302314

151
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG

BR110

BR111

BR112

BR113

BR114

BR115

5271'

5285'

5276'

5276'

5278'

MAINTENANCE

T&S-10/99

RAIL

79RW140S

79RW131S

92RW133S

79RW131S

79RW140S

79RW131S

92RW133S

79RW131S

TRAFFIC
DENSITY MGT→ 0.2(0.5)
← 0.3

7205

TRACK
LAYOUT

(SIZERVILLE)

LINE SEGMENT

2021

527063N

SWYCO RD

527044J

GARDEAU

527064V

ZIMMER

527065C

NICKLER

527067R

CANNON

527046X

SIZERVILLE

CURVATURE

ALIGNMENT

1.8R

1.4R

3.5L

2.3L

3.5L

4.0R

3.5R

2.8R

1.8R

0.6R

3.0R

2.1L

2.1R

2.0L

1.3L

ELEVATION

1.00

1.00

1.50

1.00

1.50

2.00

1.50

1.00

1.00

1.00

1.50

1.00

1.00

1.00

1.00

1.00

1.00

35

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

-2.60

-0.67

-0.59

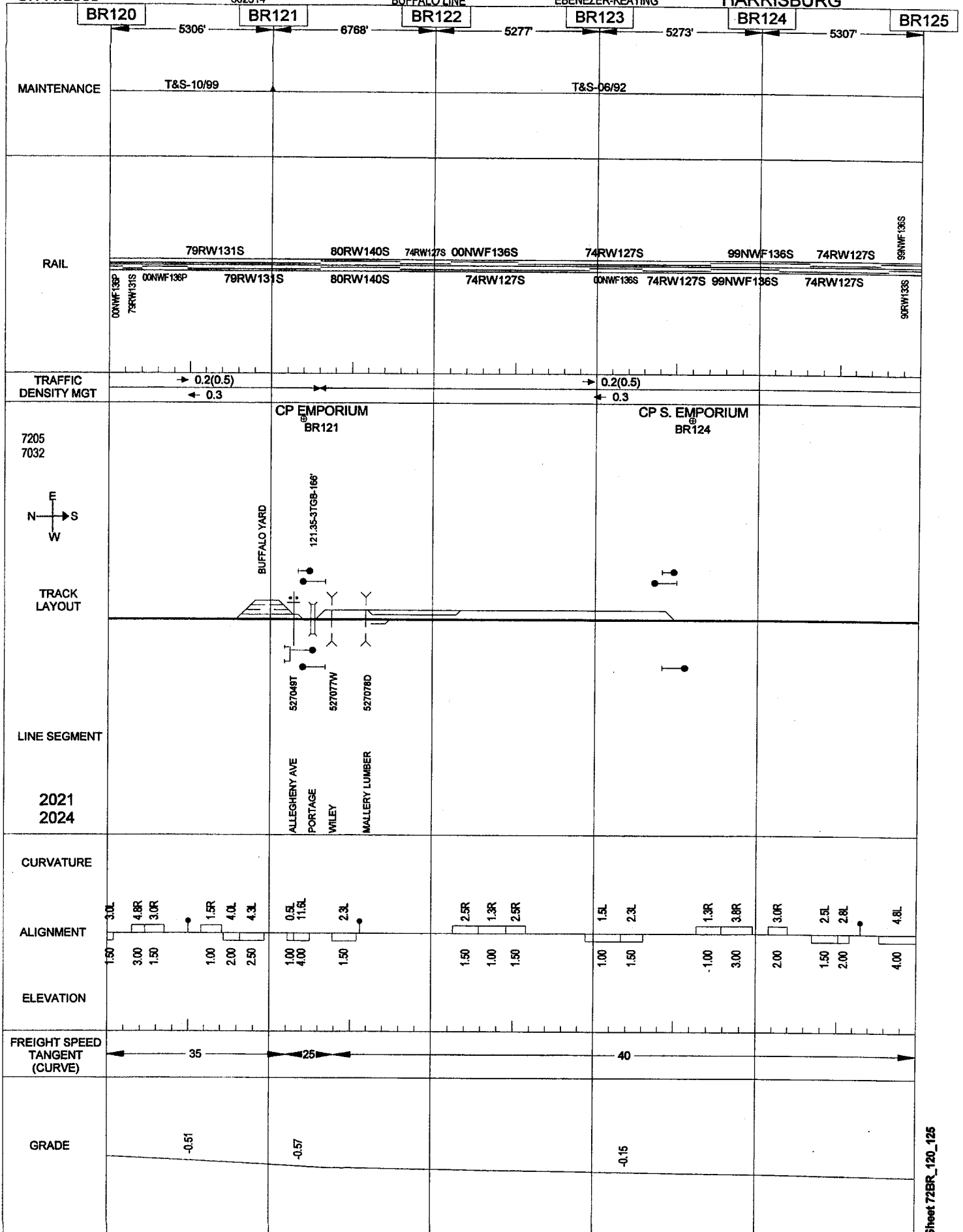
07/11/2006

302314

153
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

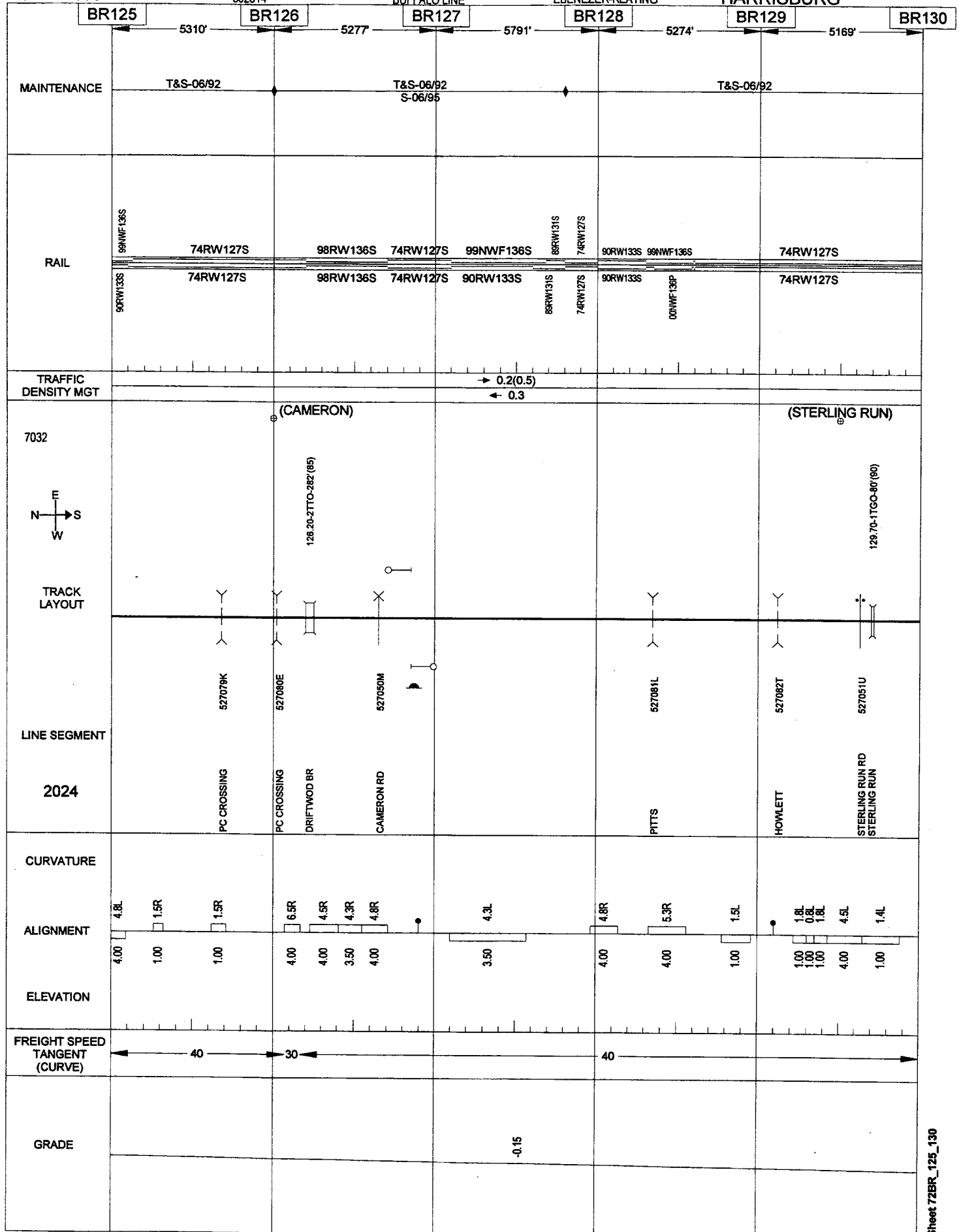
302314

154

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

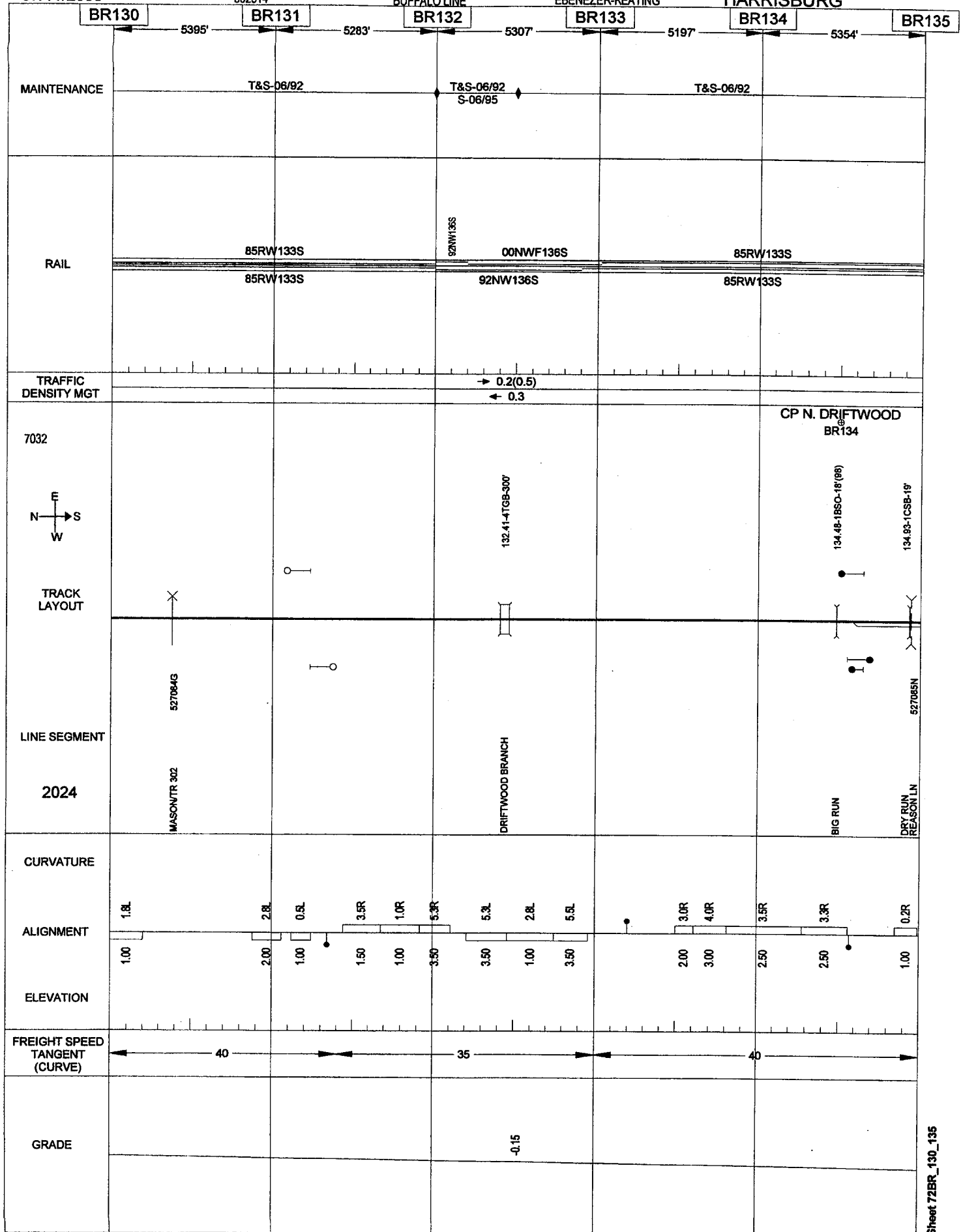
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155

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

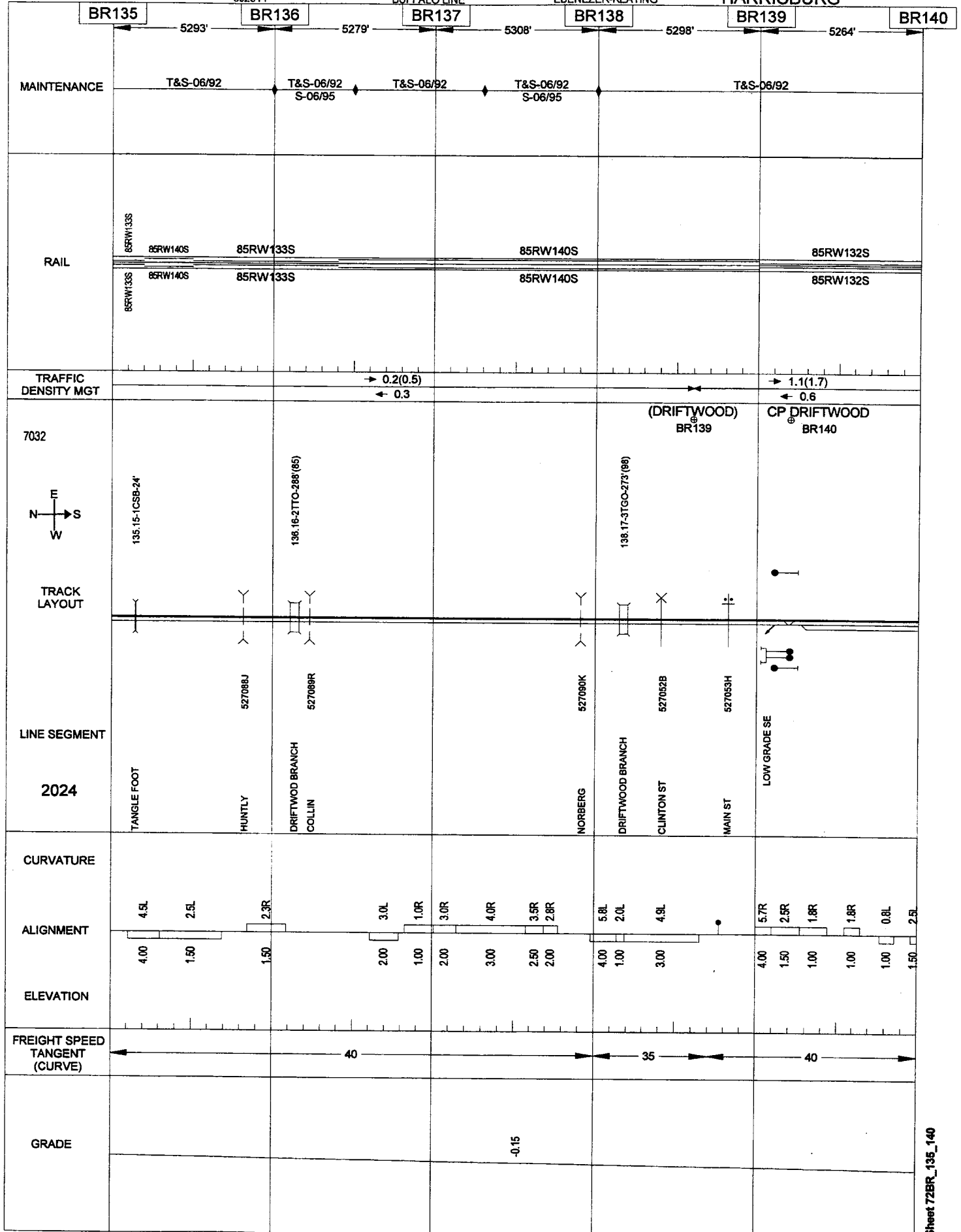
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156

BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



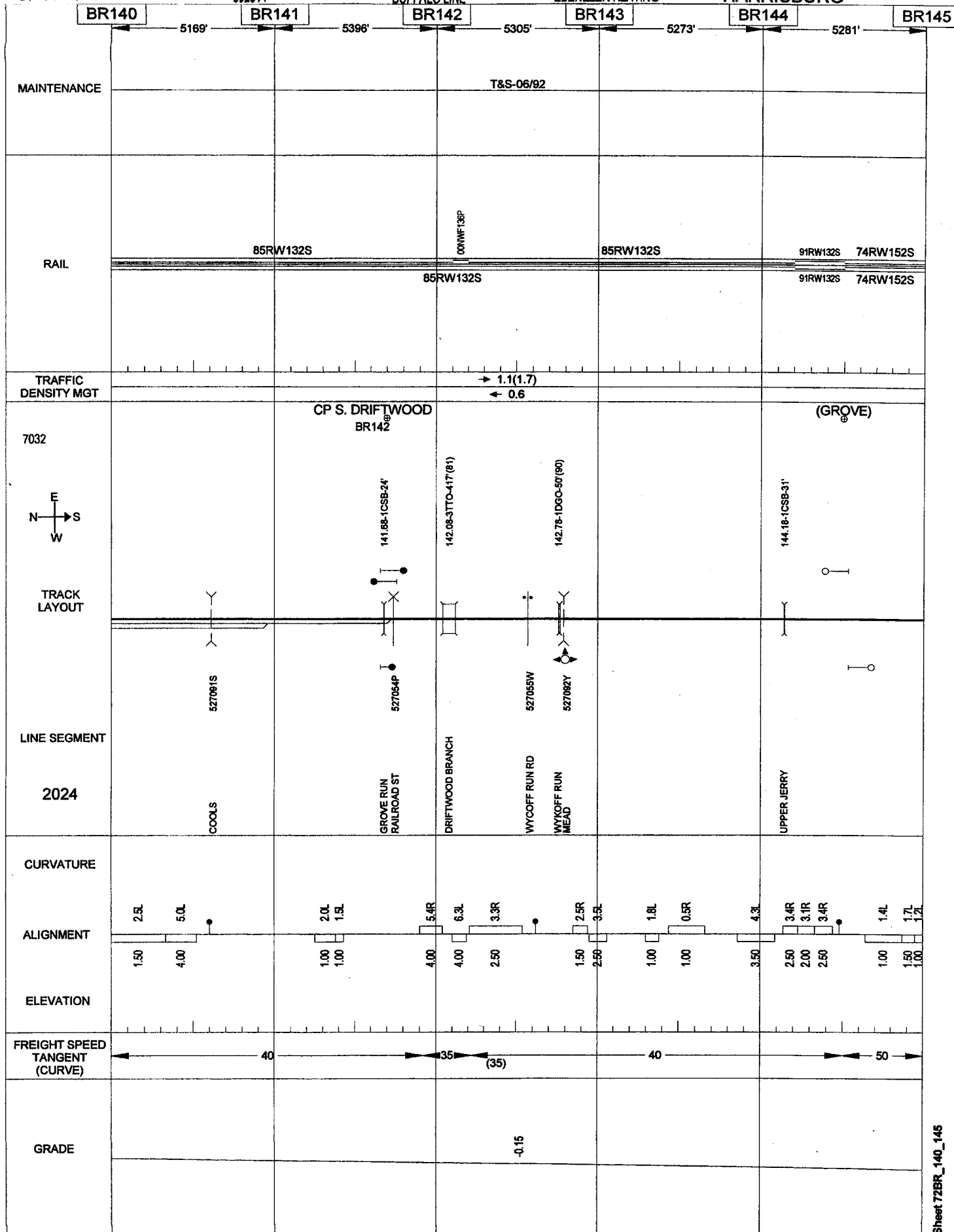
07/11/2006

302314

157
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



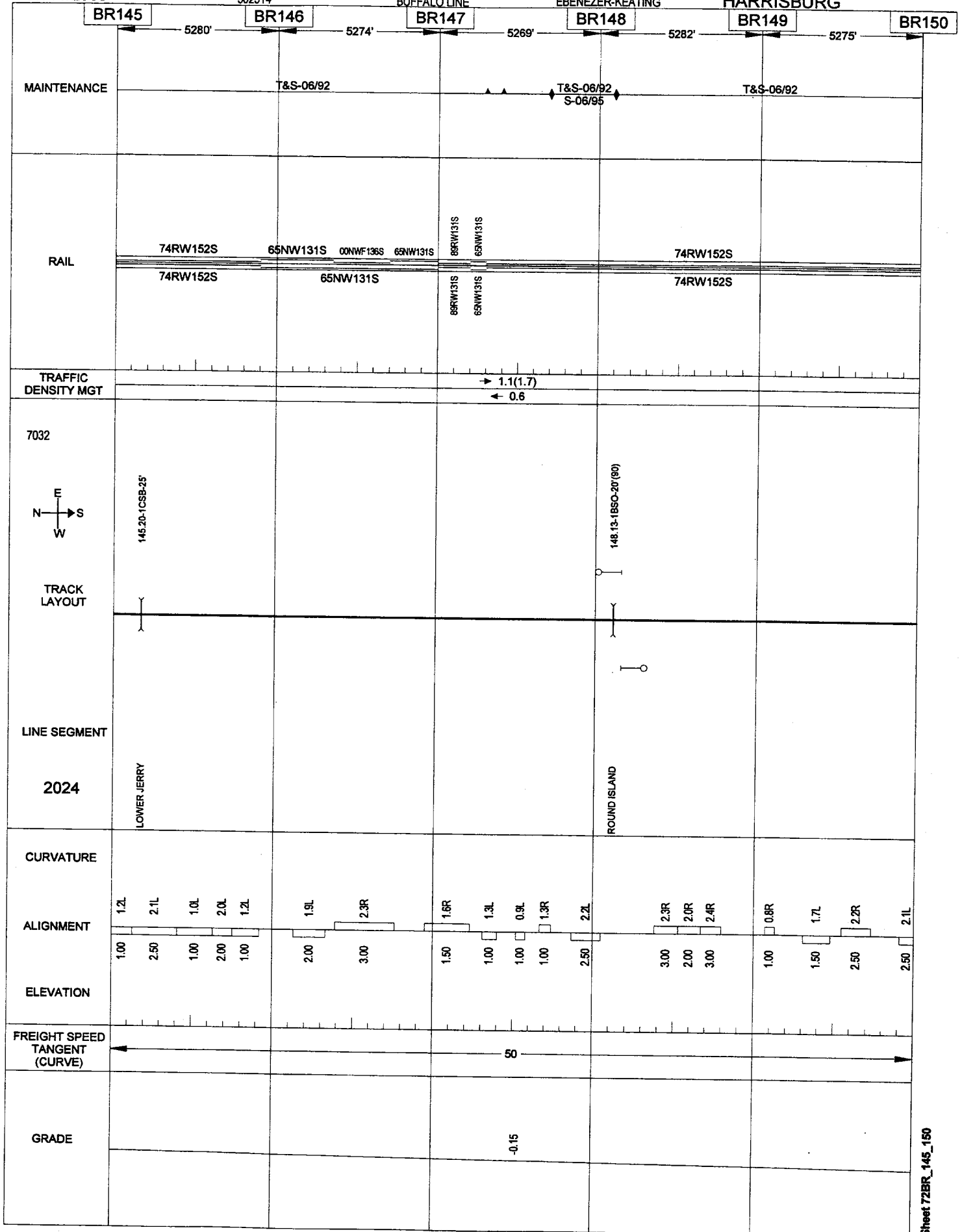
07/11/2006

302314

158
BUFFALO LINE

EBENEZER-KEATING

HARRISBURG



07/11/2006

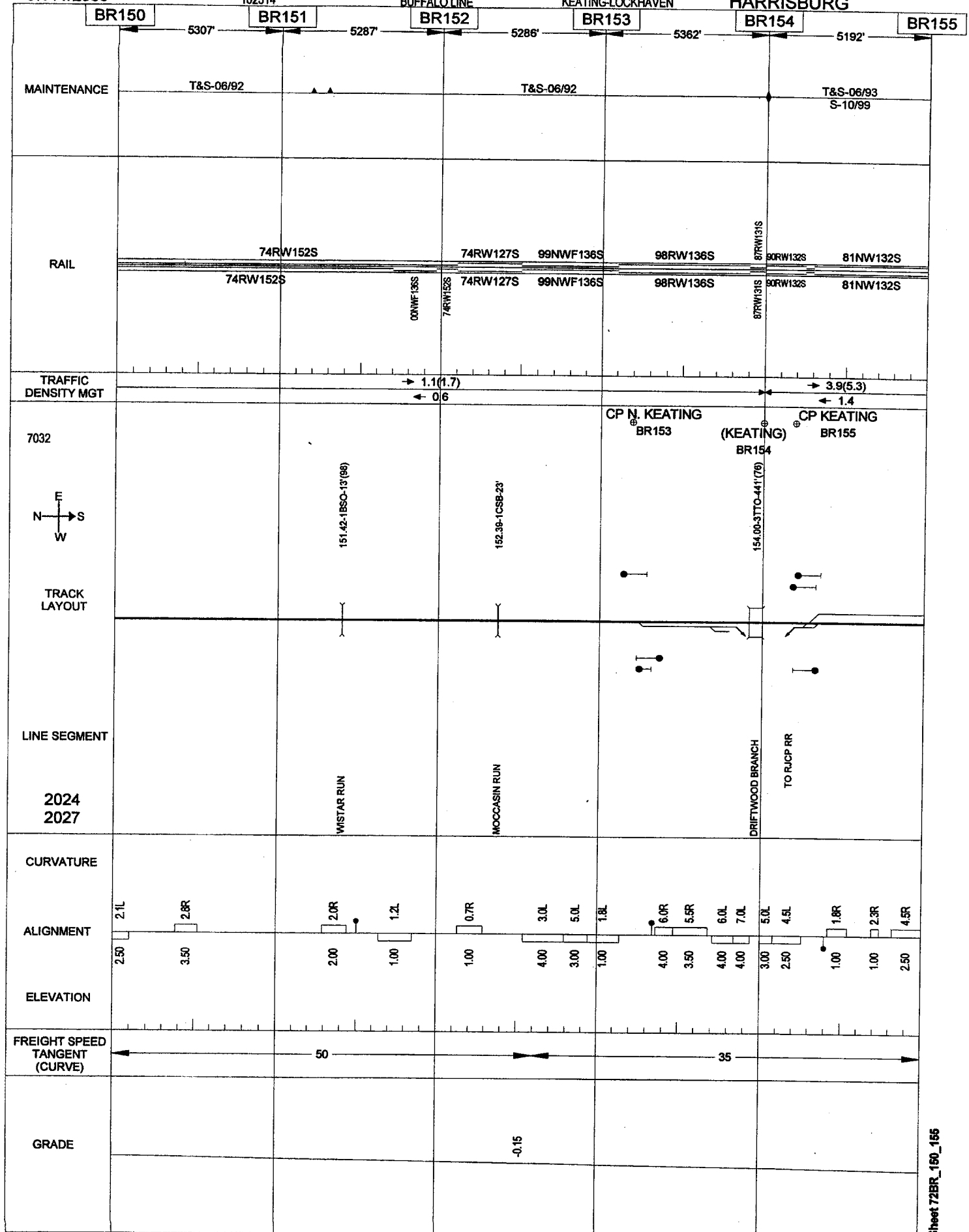
102314

159

BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



07/11/2006

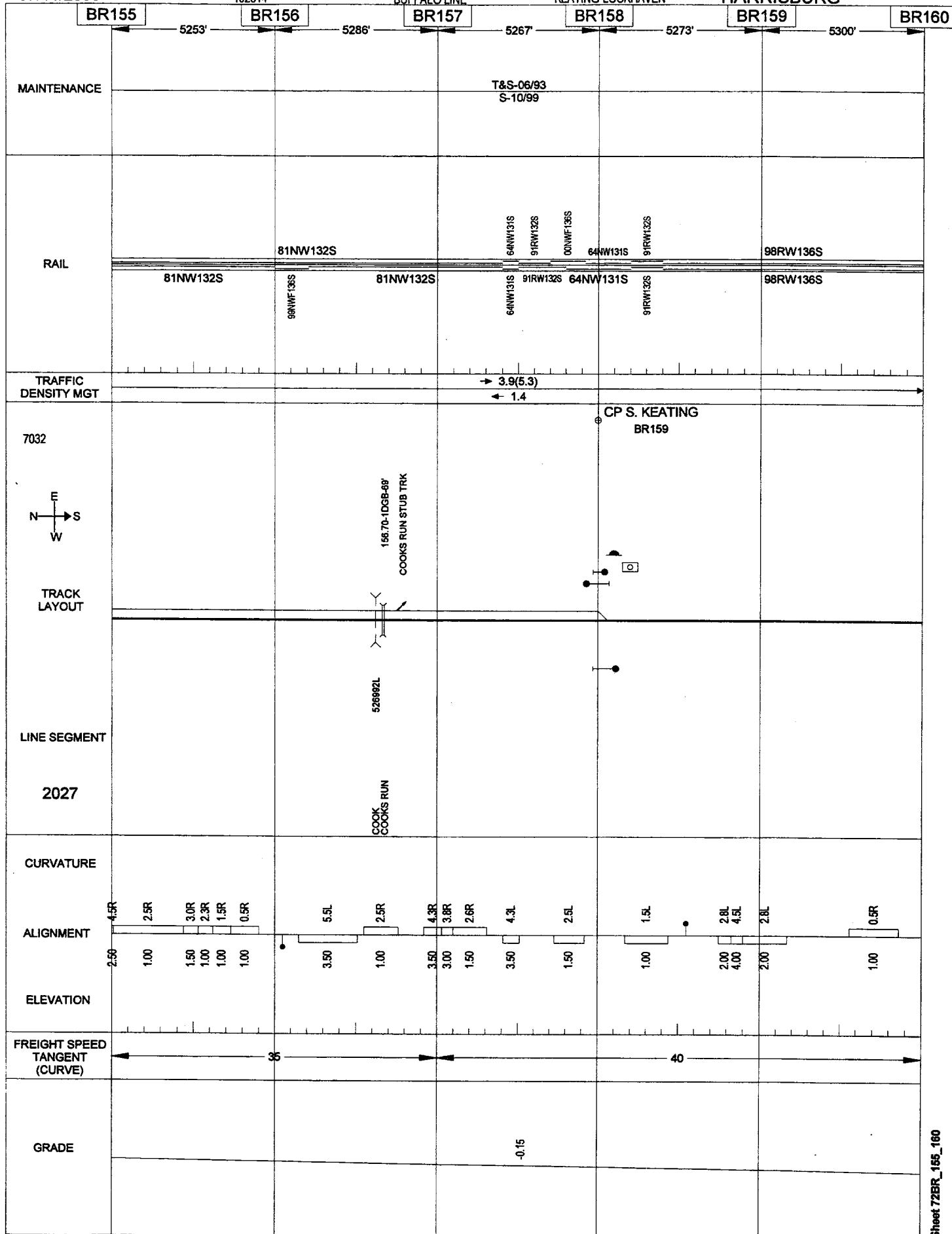
102314

160

BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



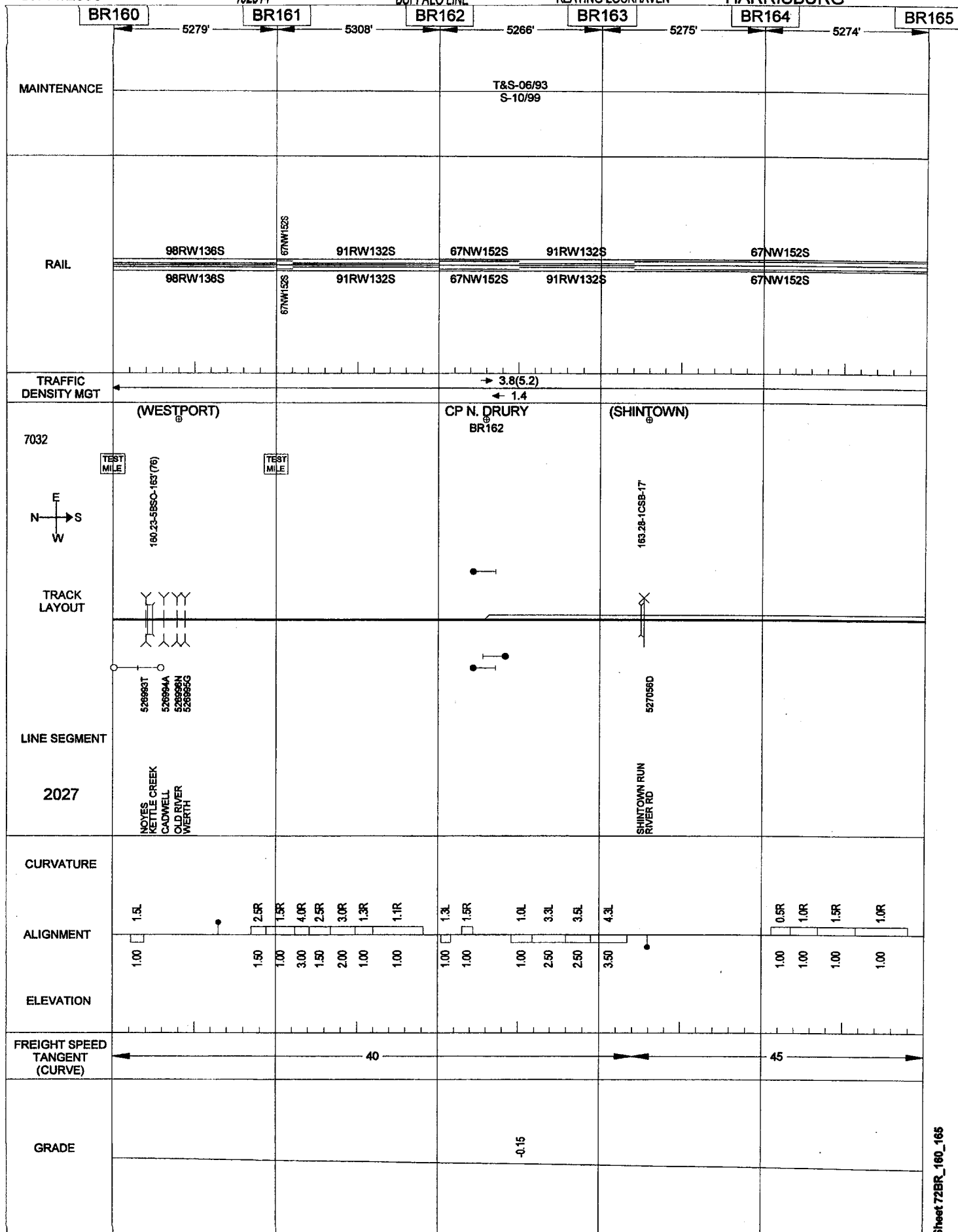
07/11/2006

102314

161
BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



07/11/2006

102314

162

BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG

BR165

BR166

BR167

BR168

BR169

BR170

5265'

5290'

5305'

5191'

5367'

MAINTENANCE

T&S-06/93
S-10/99T&S-06/93
S-11/99

RAIL

67NW132S

91RW132S

92RW127S

91RW132S

92NW136S

93RW127S

74RW127S

99NWF136S

67NW132S

91RW132S

92RW127S

00NWF136S

91RW132S

92NW136S

93RW127S

74RW127S

TRAFFIC
DENSITY MGT→ 3.8(5.2)
← 1.4→ 3.9(5.3)
← 1.4

7032

CP DRURY
BR165

(NORTH BEND)

N
E
S
W

165.25-1CSB-22'

165.41-1CSB-11'

DRURY I.T.

165.88

167.20

167.80-1CAB-38'

168.84

169.85-1CSB-18'

169.92-1DGB-75'

TRACK
LAYOUT

LINE SEGMENT

2027
2030DURYS RUN
SCHOOL HOUSE RUN

RTE 120

RTE 120

PADDY'S RUN

ASPEN RD

SCHOOL XING

K-D FARM LN

REESE RD

PRIVATE

PUBLIC ROAD
YOUNG WOMANS CREEK

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

0.00

-0.11

+0.09

-0.01

-0.26

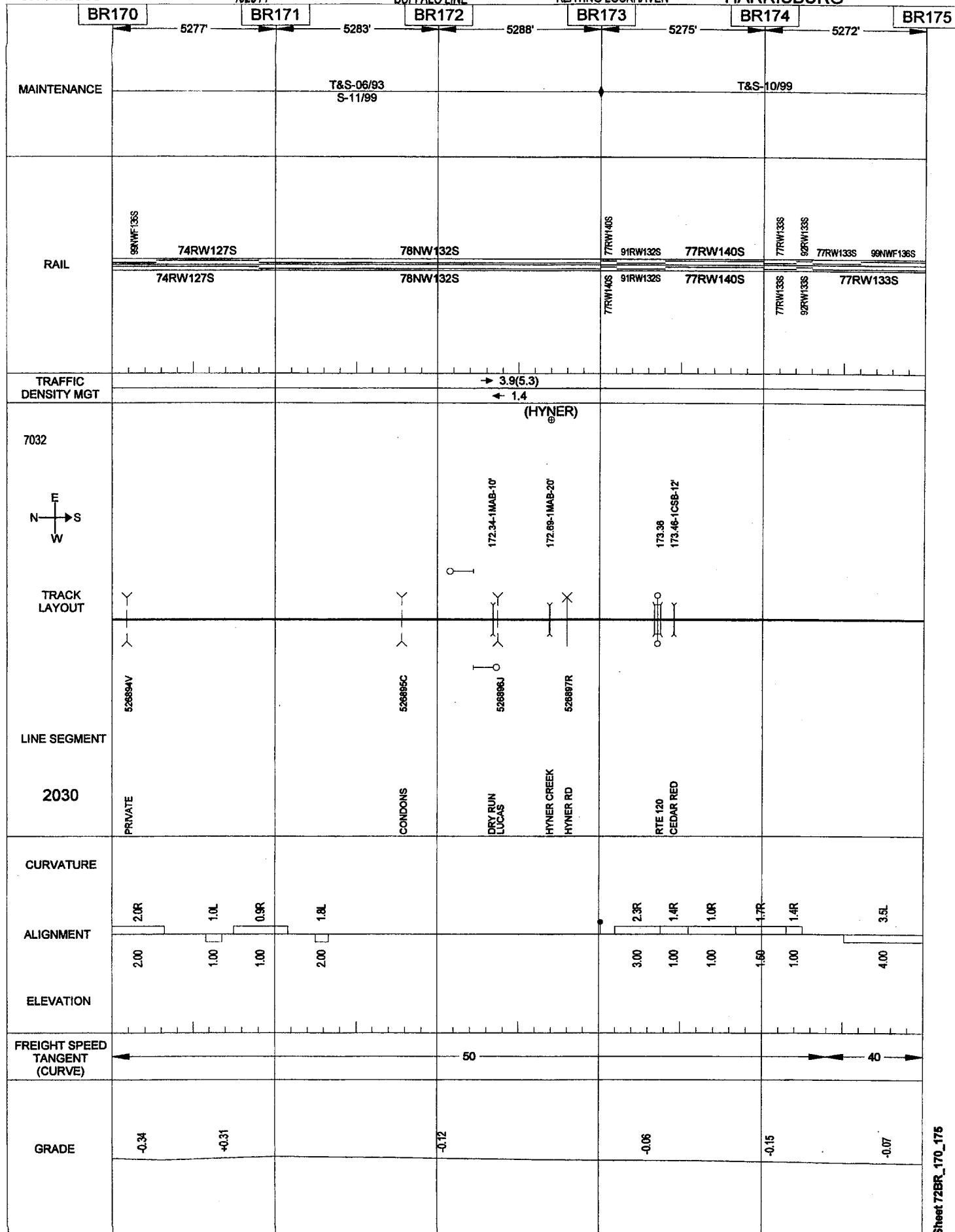
07/11/2006

102314

163
BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



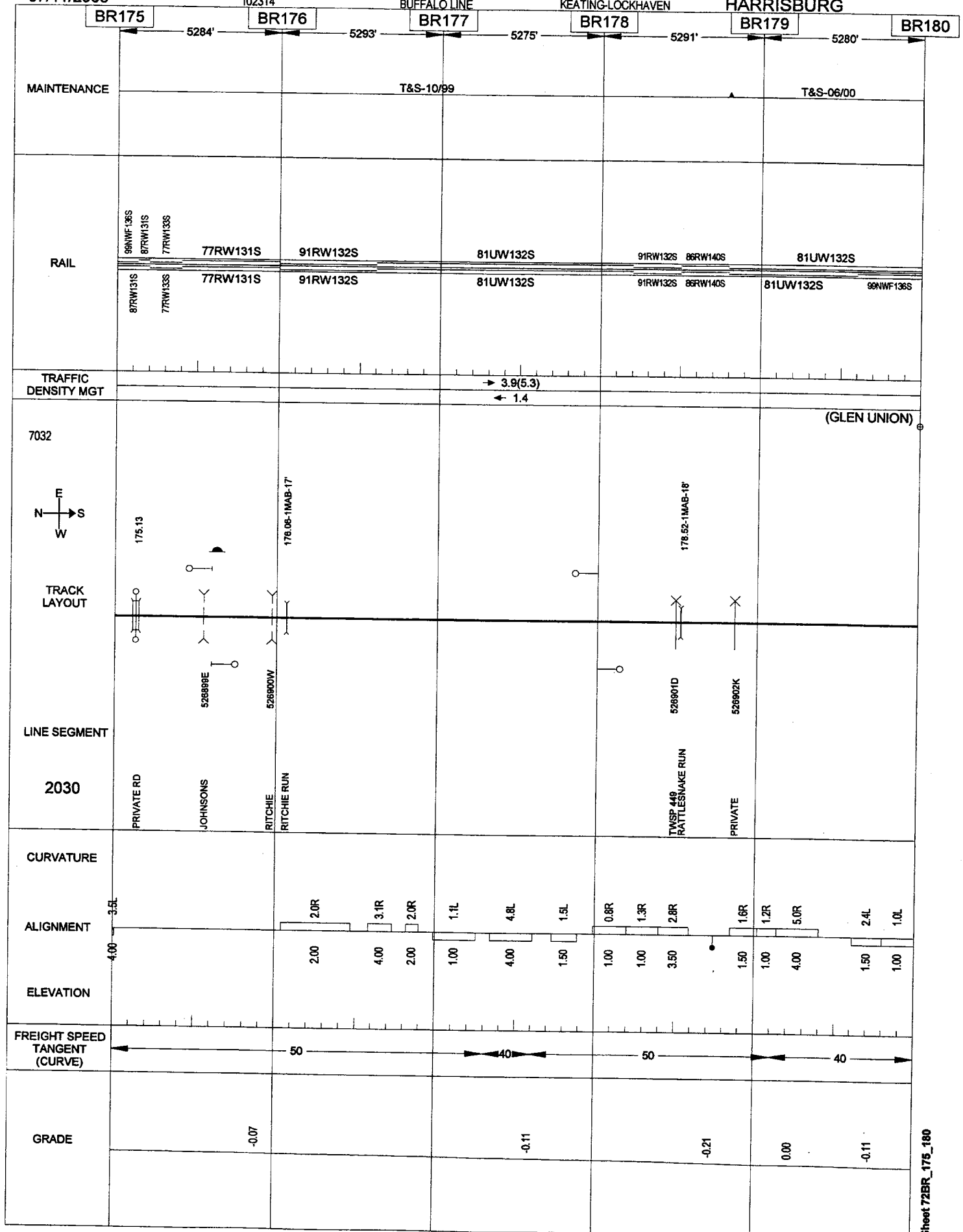
07/11/2006

102314

164
BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



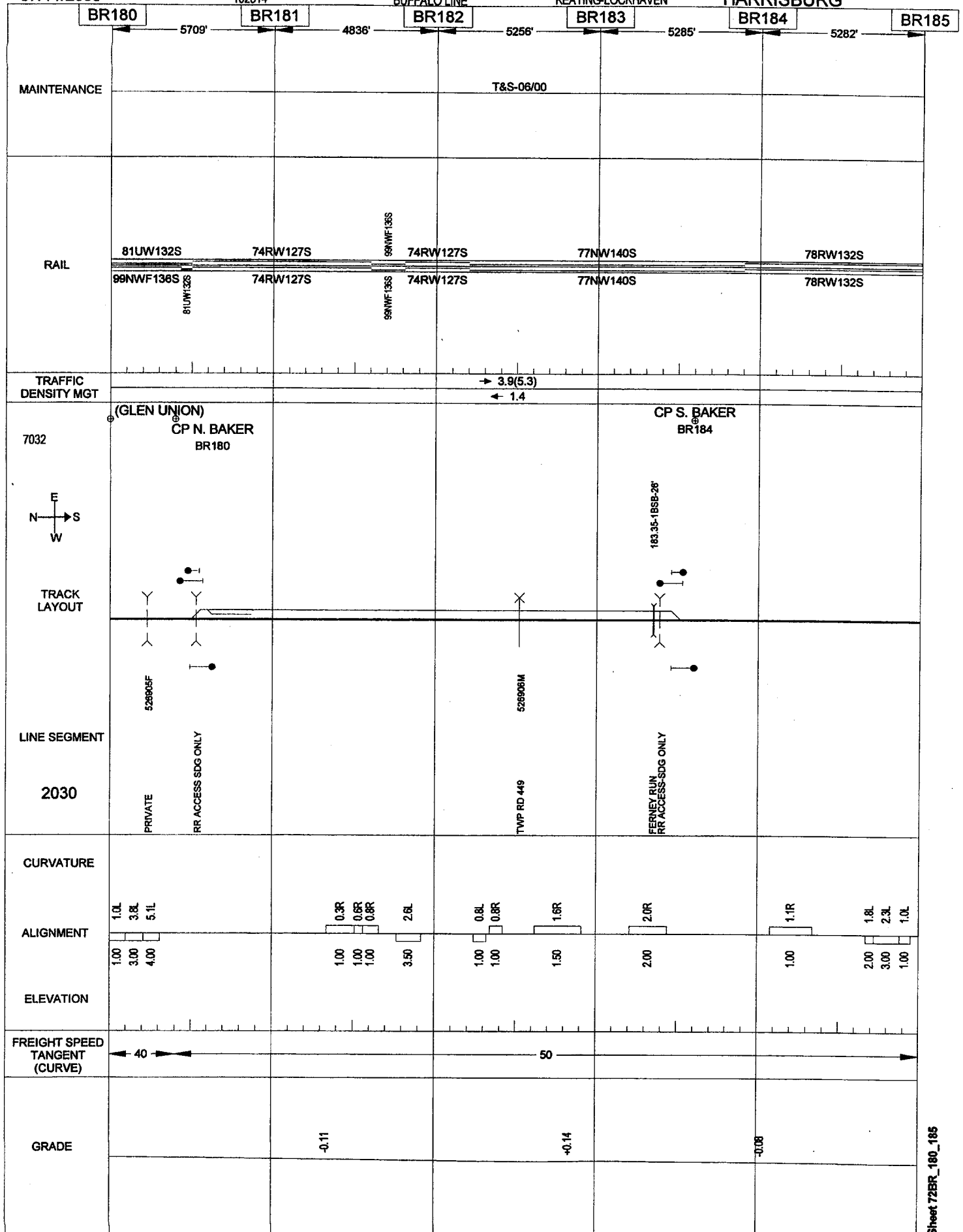
07/11/2006

102314

165
BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



07/11/2006

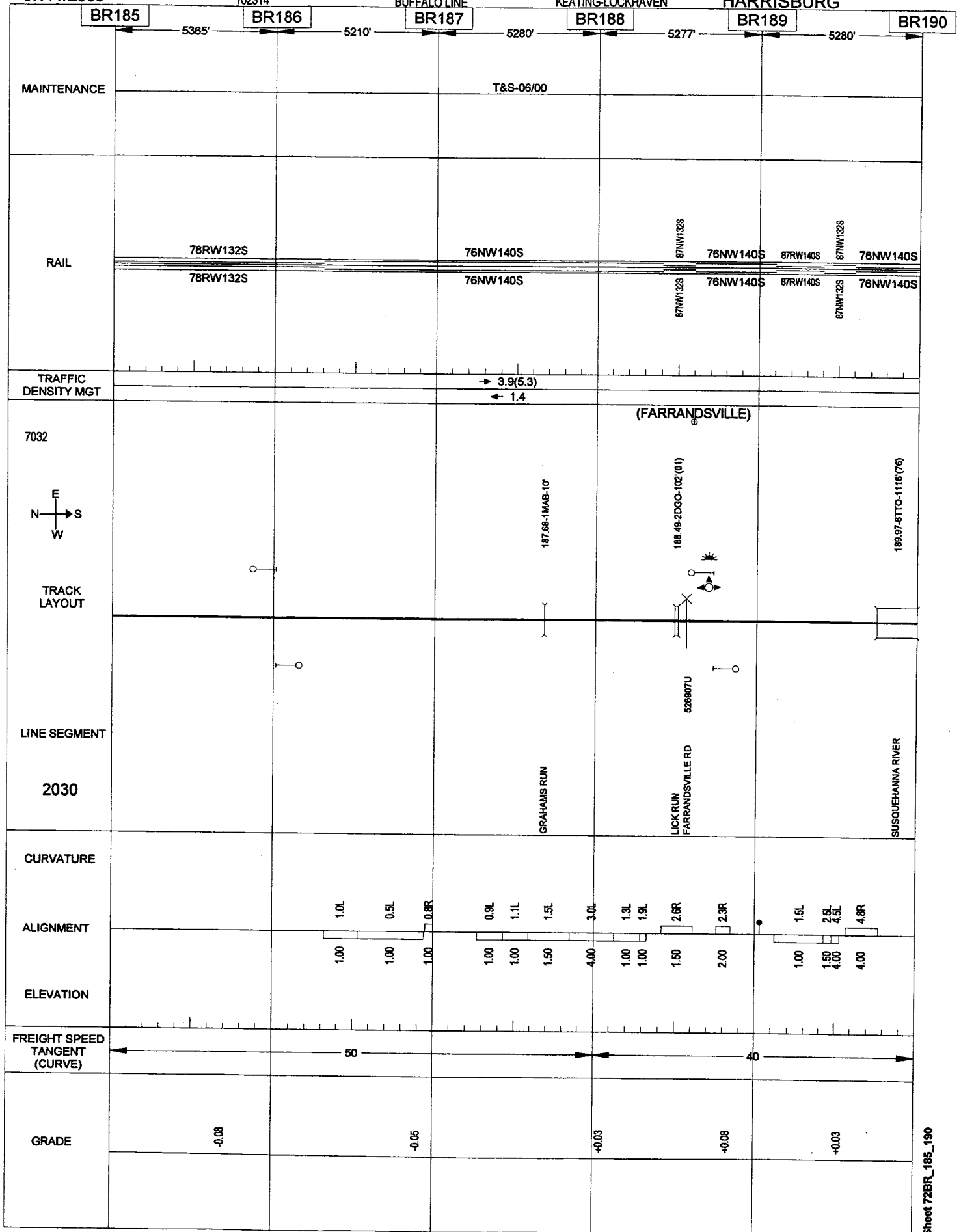
102314

166

BUFFALO LINE

KEATING-LOCKHAVEN

HARRISBURG



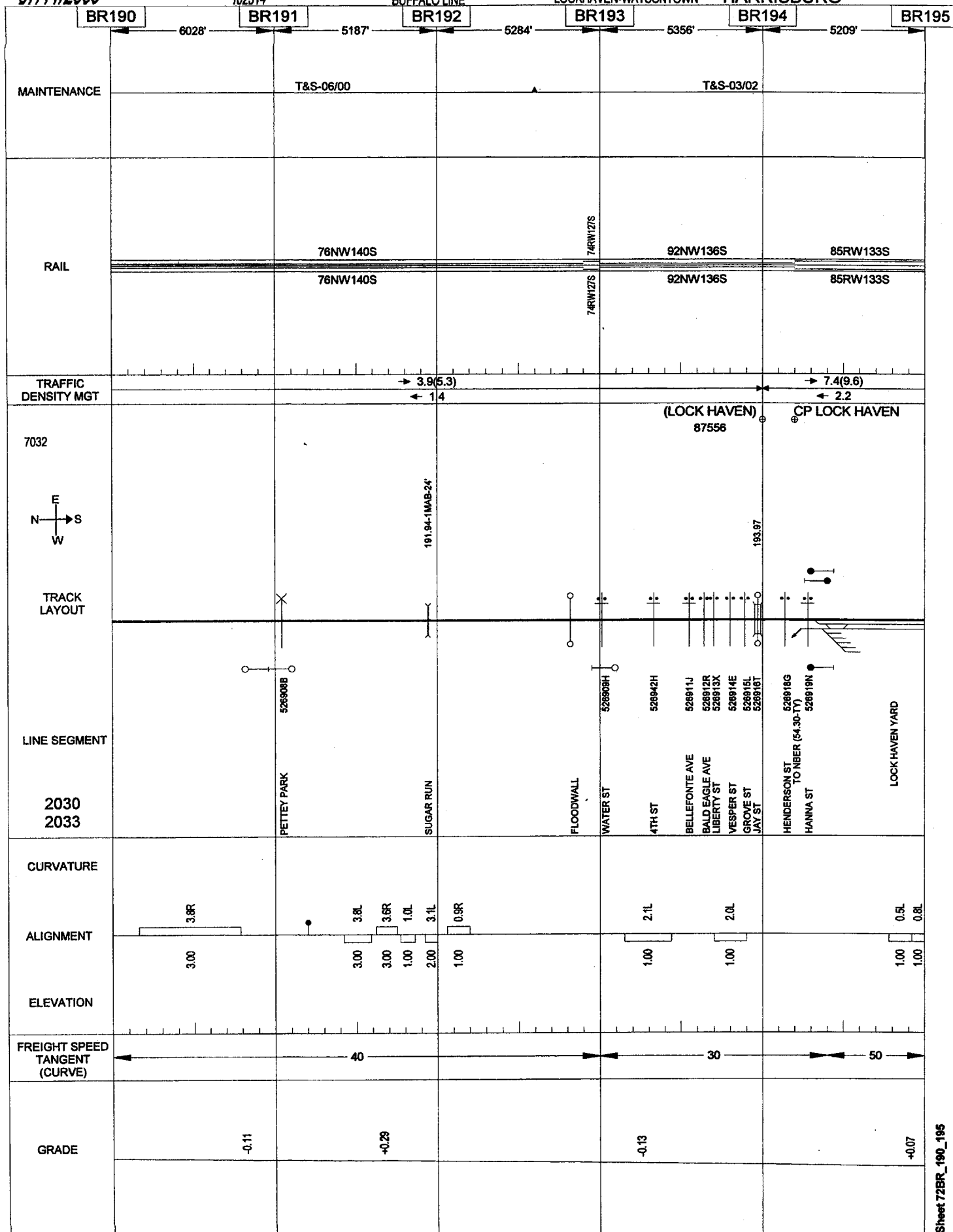
07/11/2006

102314

167
BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



07/11/2006

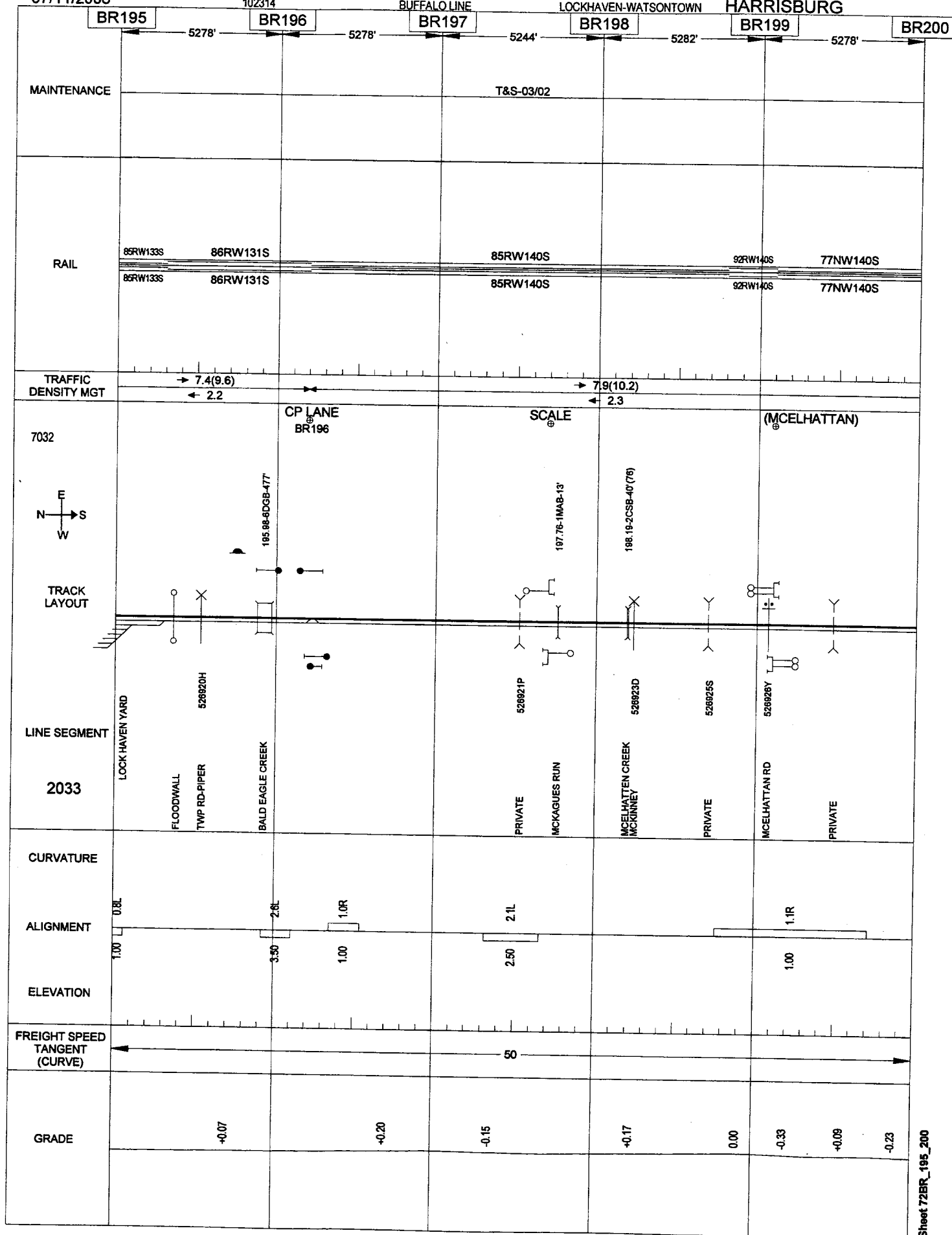
102314

168

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



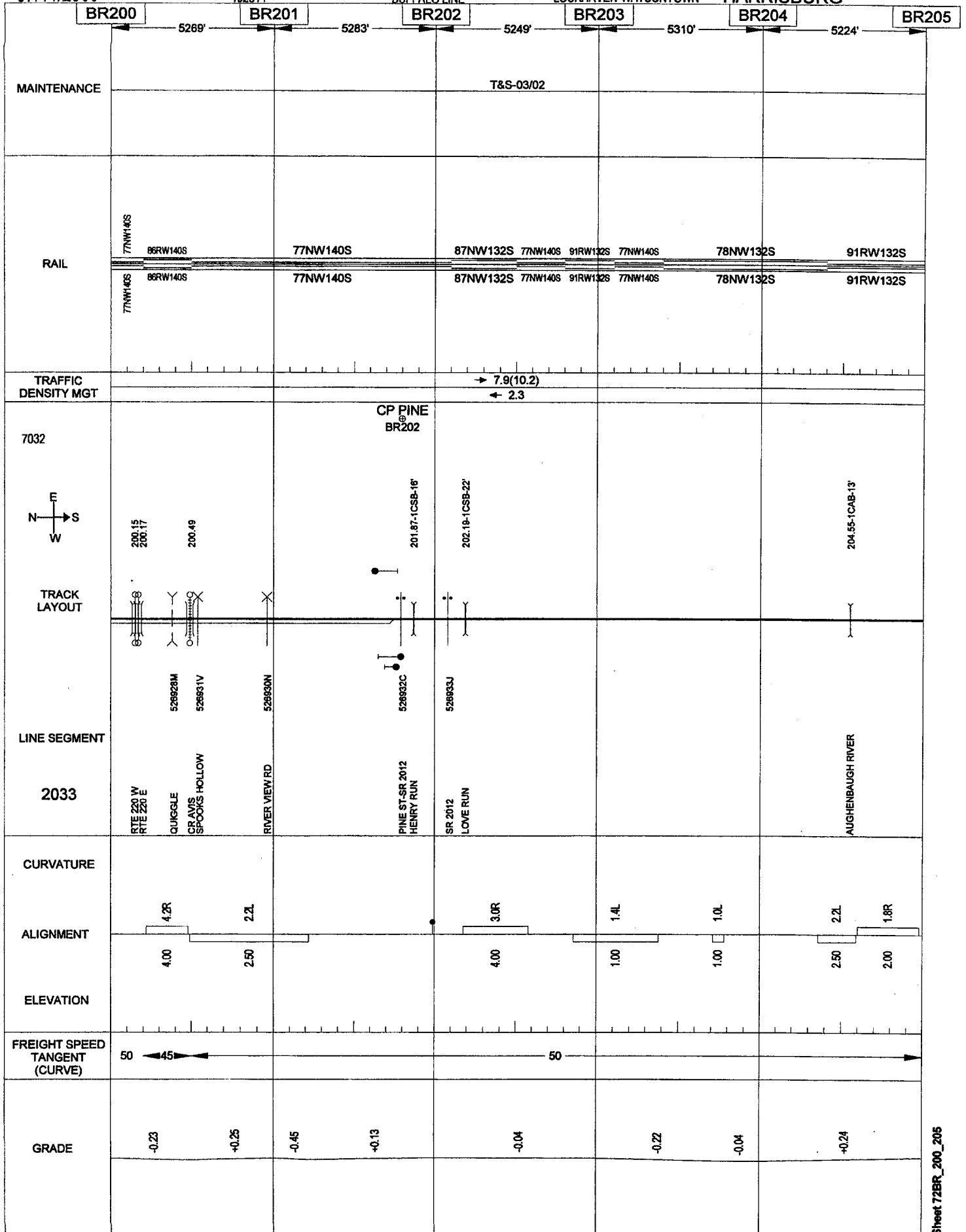
07/11/2006

102314

169
BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



07/11/2006

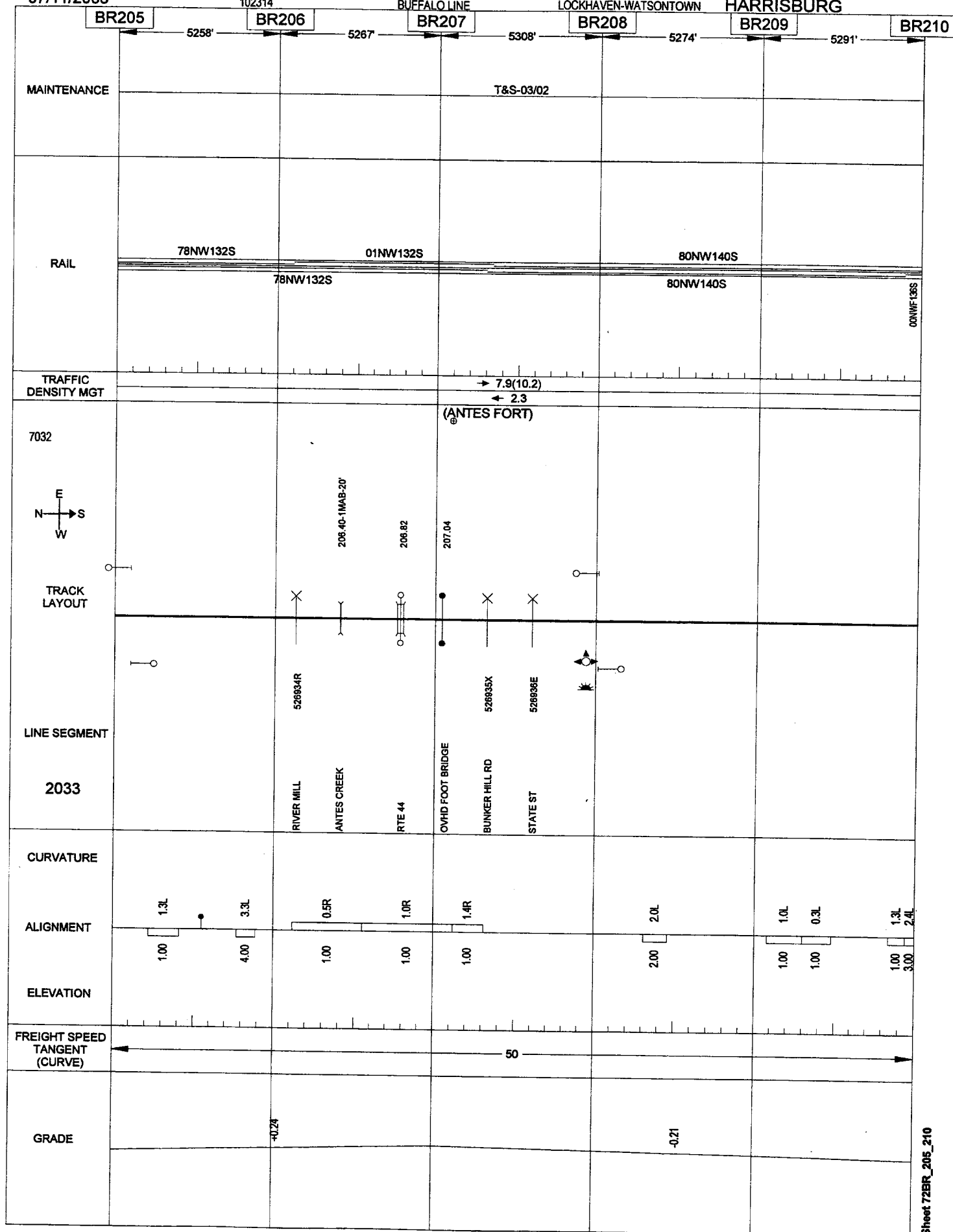
102314

170

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



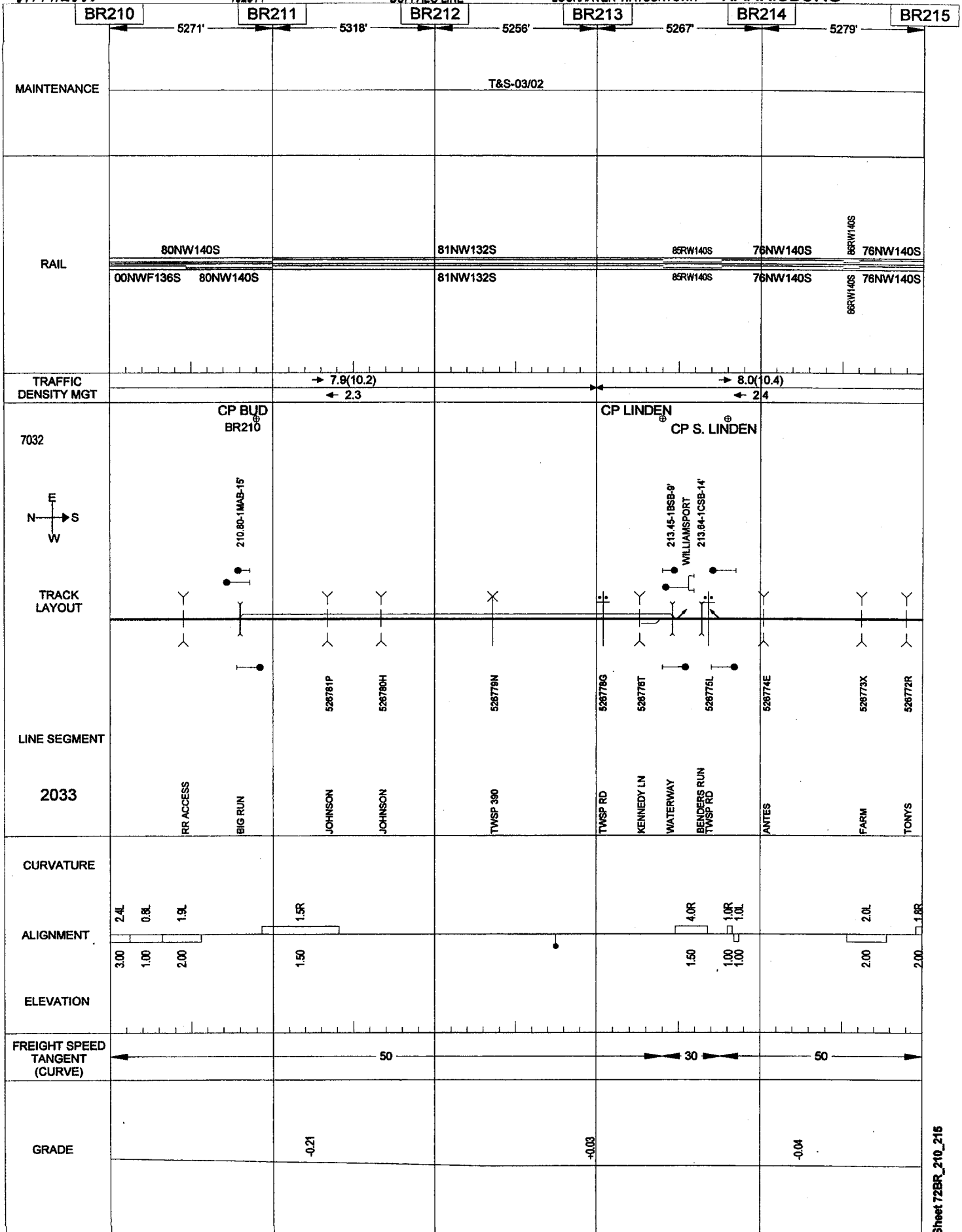
07/11/2006

102314

171
BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



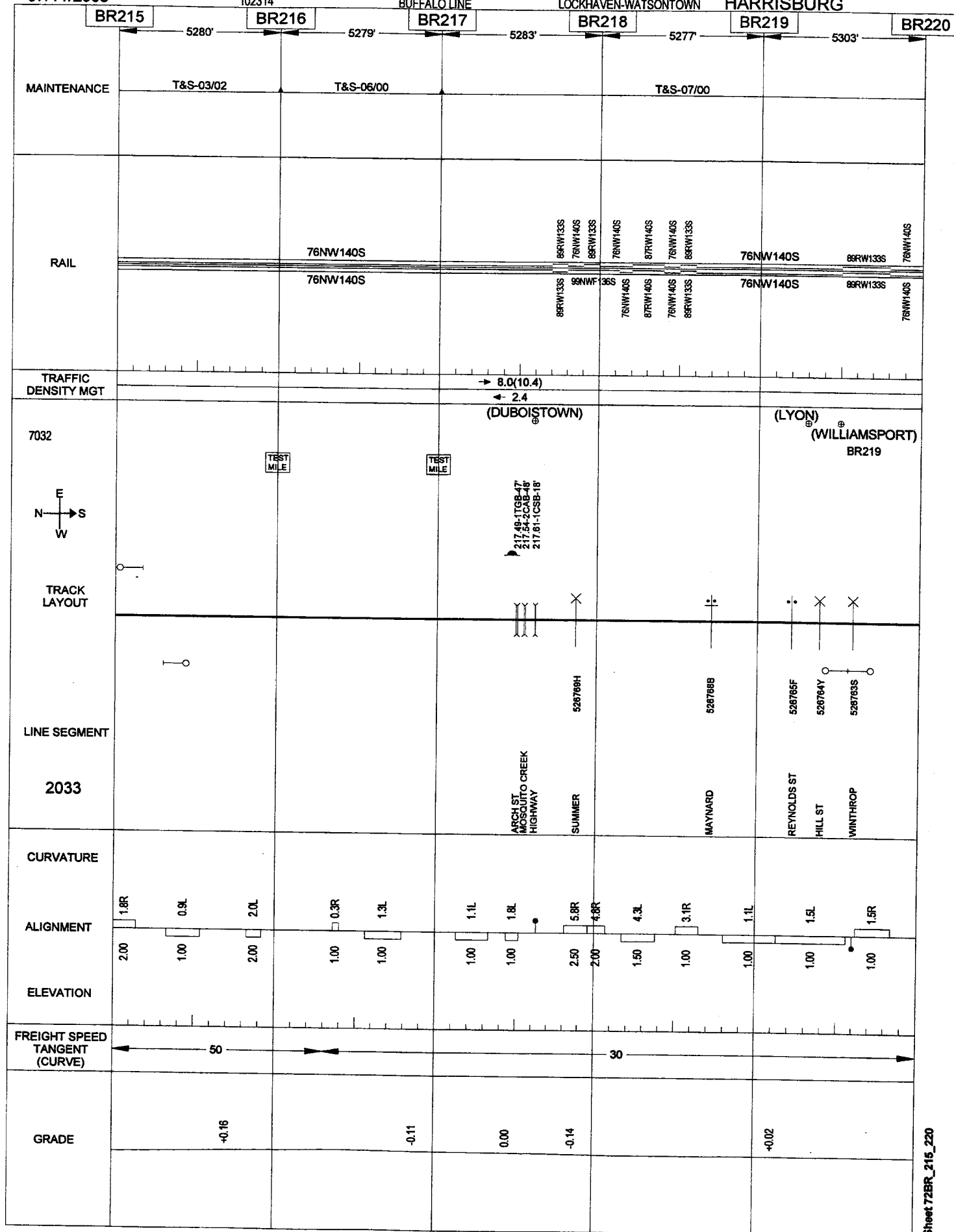
07/11/2006

102314

172
BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



07/11/2006

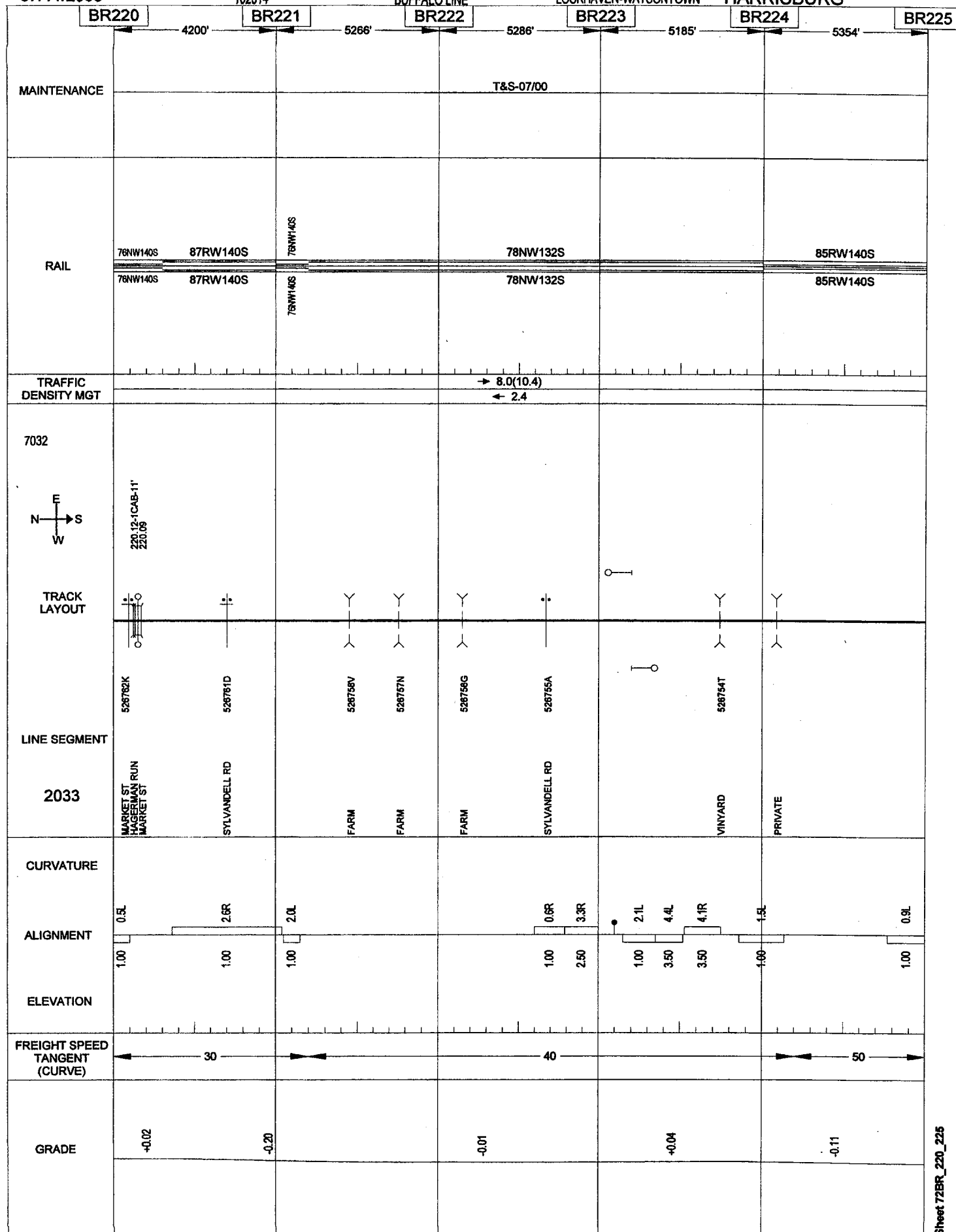
102314

173

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



07/11/2006

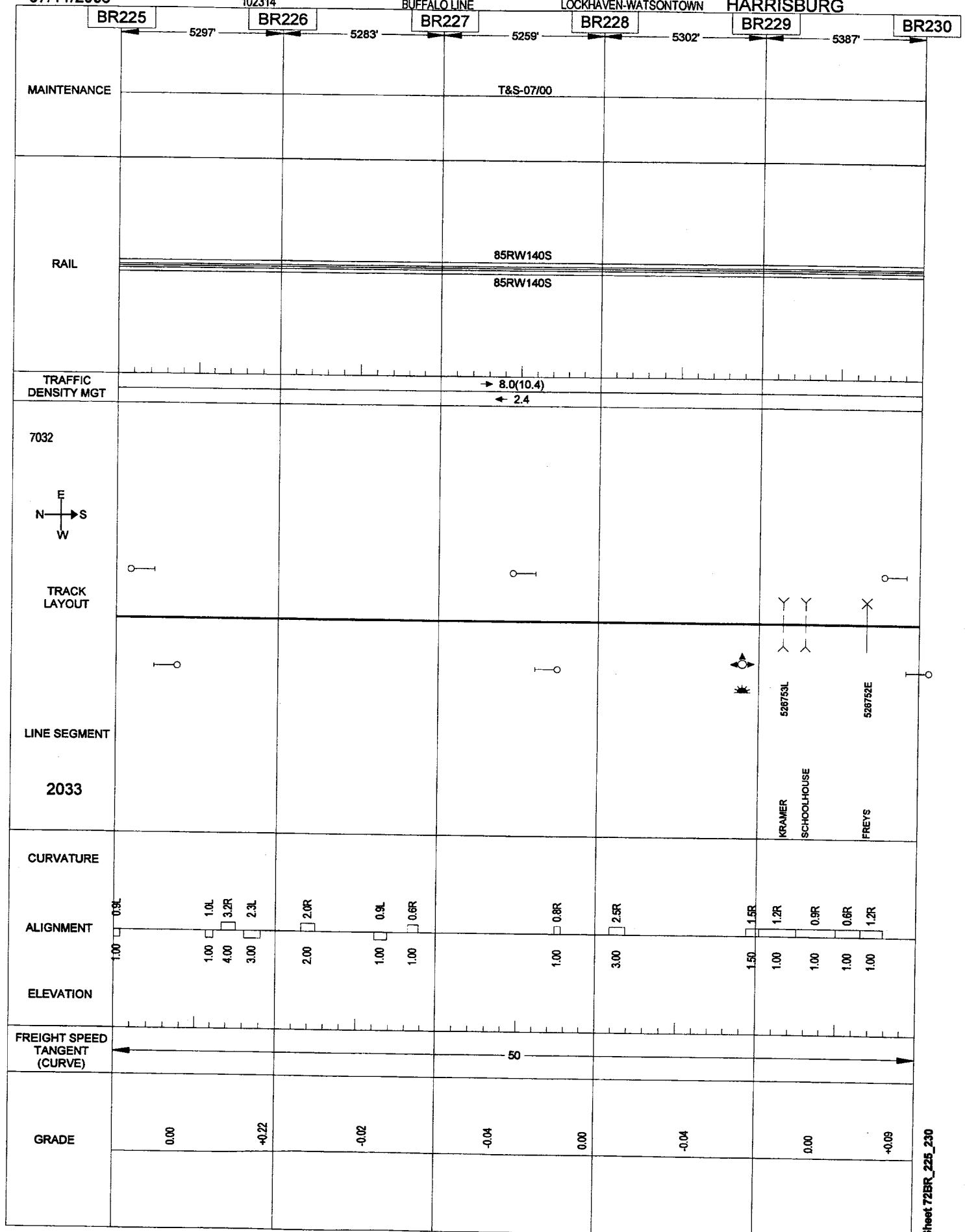
102314

174

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



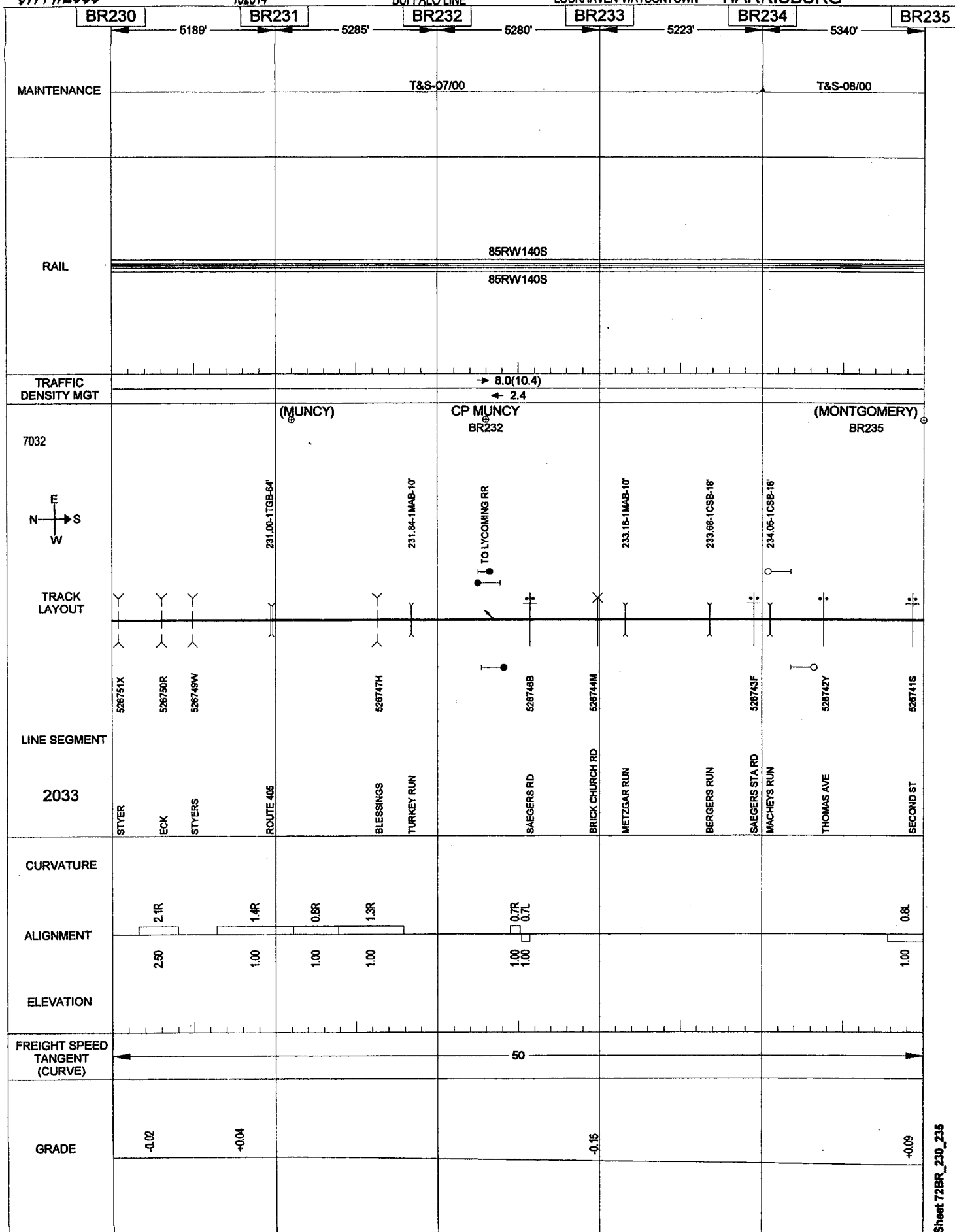
07/11/2006

102314

175
BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



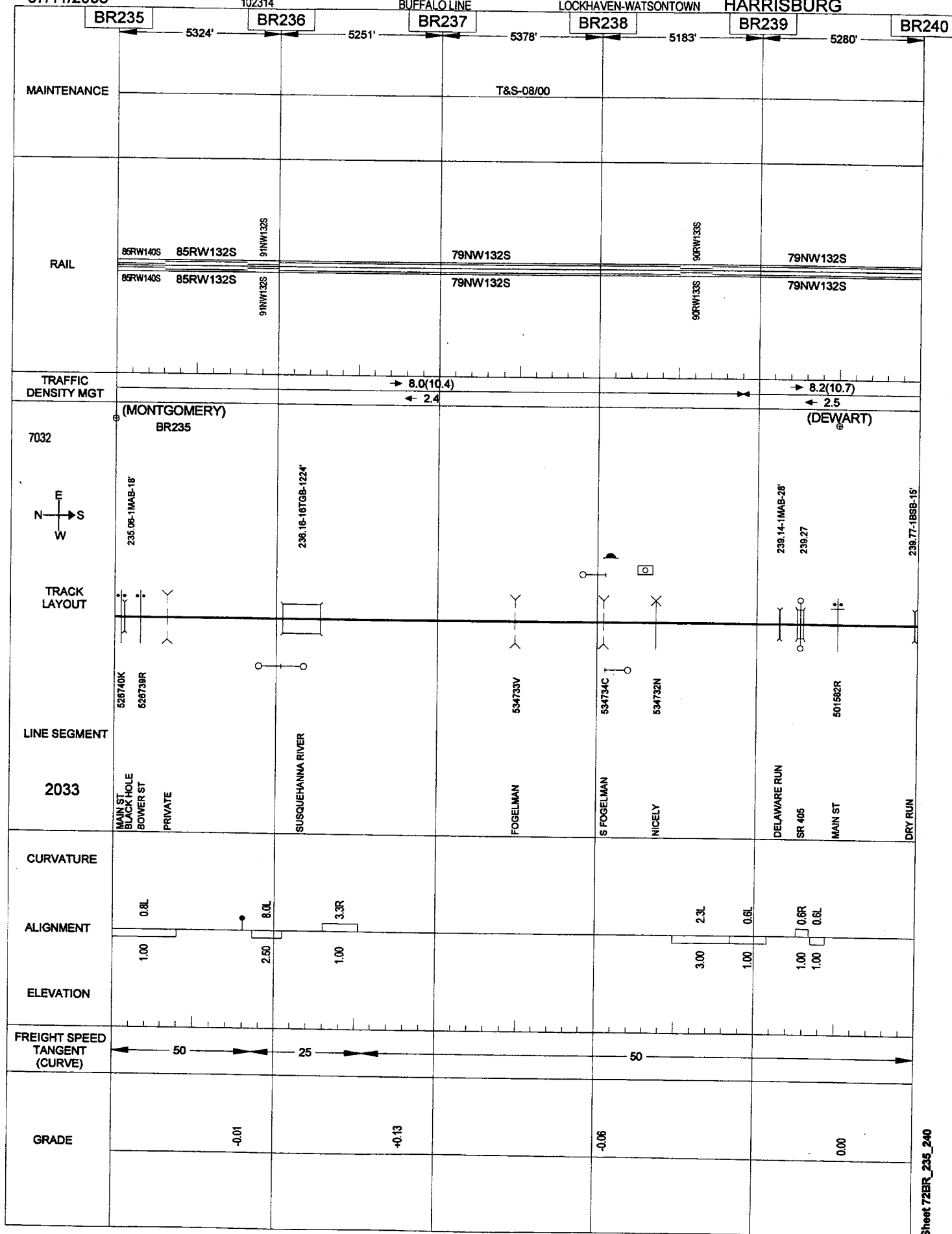
07/11/2006

176

BUFFALO LINE

LOCKHAVEN-WATSONTOWN

HARRISBURG



07/11/2006

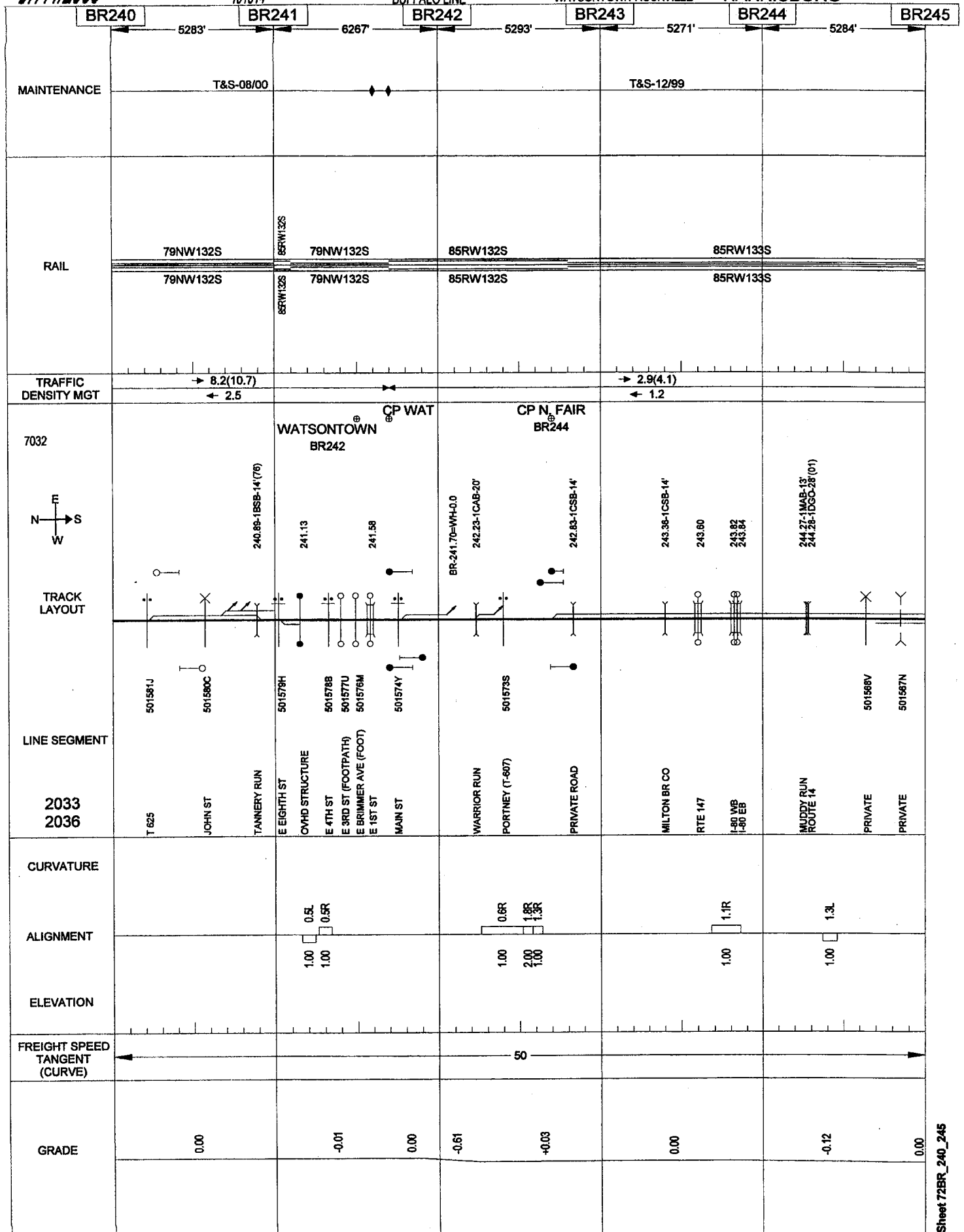
101314

177

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



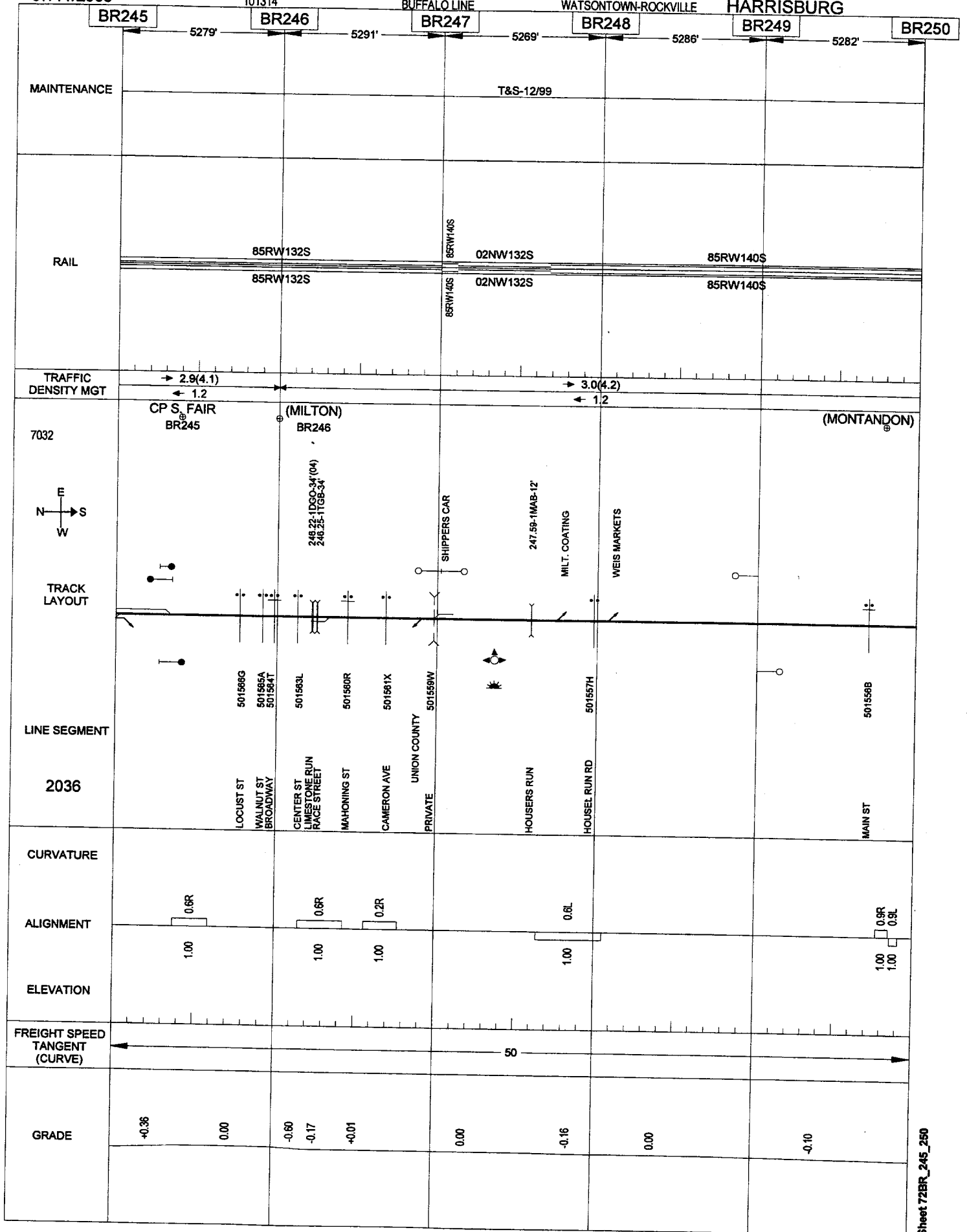
07/11/2006

178

BUFFALO LINE

WATSON TOWN-ROCKVILLE

HARRISBURG



07/11/2006

101314

179
BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG

BR250

BR251

BR252

BR253

BR254

BR255

5283'

5284'

5282'

5710'

5315'

MAINTENANCE

T&S-12/99

RAIL

85RW140S

85RW132S

85RW140S

85RW132S

TRAFFIC
DENSITY MGT→ 3.0(4.2)
← 1.2

7032

TRACK
LAYOUTCP MOLLY
BR253

LINE SEGMENT

2036

501554M

251.45

251.79-2CAB-90°

501551S

501550K

PVT-KOHL

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

50

GRADE

-0.10

0.00

+0.19

-0.05

+0.16

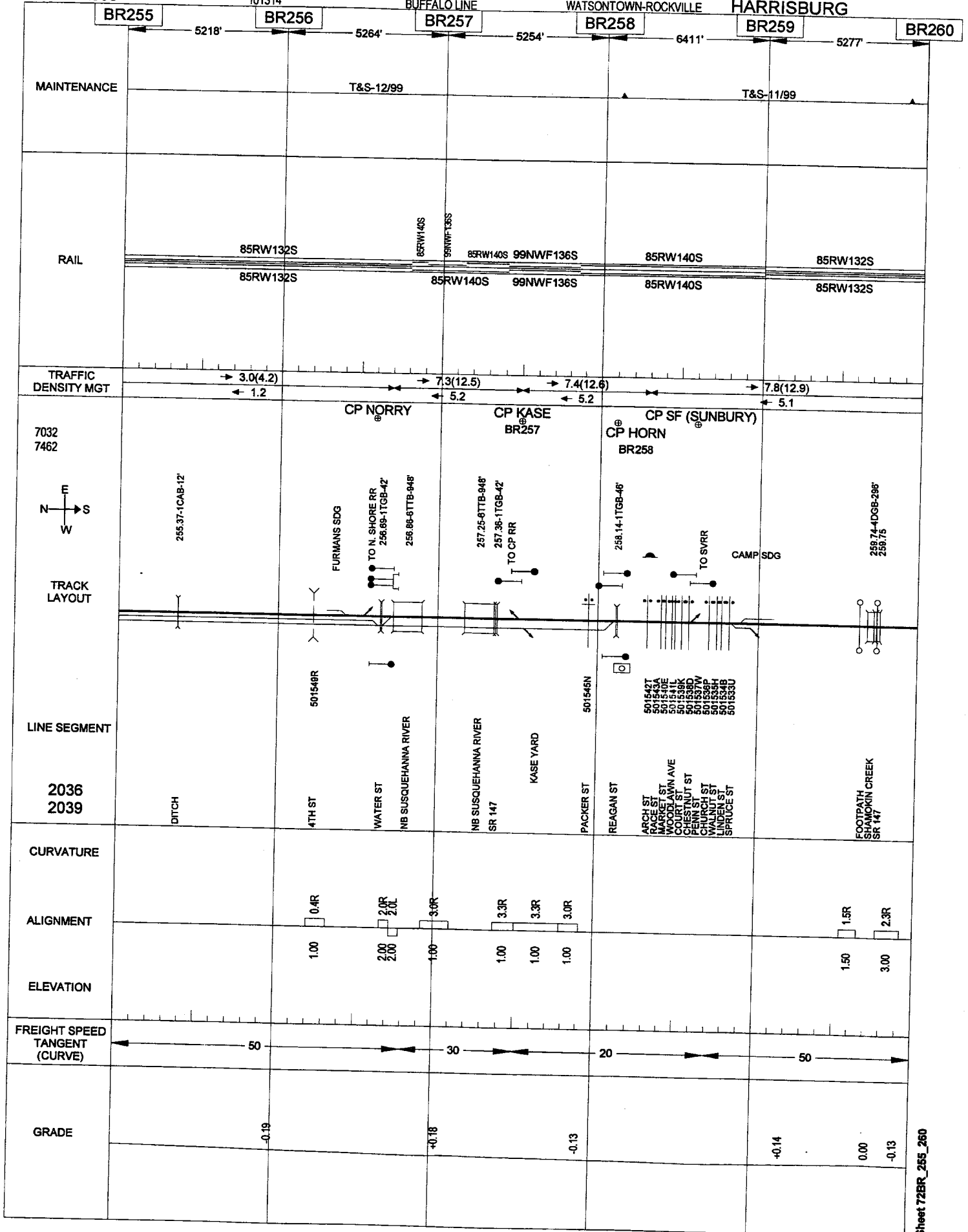
07/11/2006

180

BUFFALO LINE

WATSON TOWN-ROCKVILLE

HARRISBURG



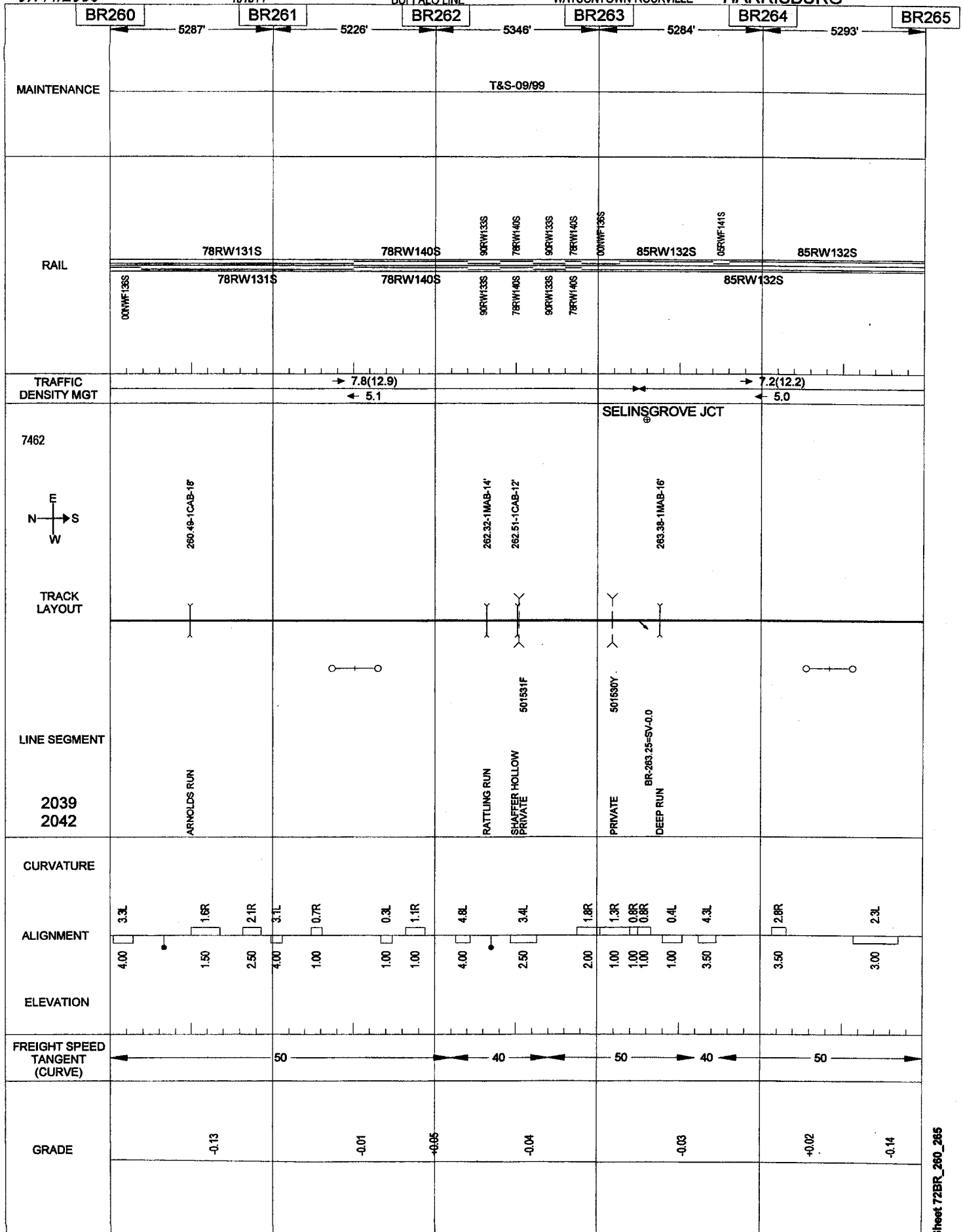
07/11/2006

101314

181
BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



07/11/2006

101314

182
BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG

BR265

BR266

BR267

BR268

BR269

BR270

5263'

5287'

5290'

5278'

5286'

MAINTENANCE

T&S-09/99

RAIL

85RW131S

85RW132S

85RW131S

85RW132S

TRAFFIC
DENSITY MGT→ 7.2(12.2)
← 5.0

7462

CP N. BOYLES
BR267CP S. BOYLES
BR270E
N → S
WTRACK
LAYOUT

265.44-1MAB-25'

268.40-2CAB-40'

268.81-4CAB-160'

HERNDON RELOAD

LINE SEGMENT

2042

HOLLAND RUN

OLD TAVERN RD-RT 437

TWSP CROSSING
BOYLES RUN

PRIVATE

MAHANEY CREEK

POTTSVILLE ST

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

2.5L

1.1R

0.8R

2.0R

1.4R

2.0L

2.1L

2.2R

2.50

1.50

1.6R

2.0R

2.0R

2.0R

3.00

1.00

1.00

2.00

1.00

2.00

2.50

2.50

2.50

2.50

2.50

2.50

2.50

2.50

2.50

2.50

2.50

50

-0.01

0.00

-0.02

-0.04

0.00

-0.14

07/11/2006

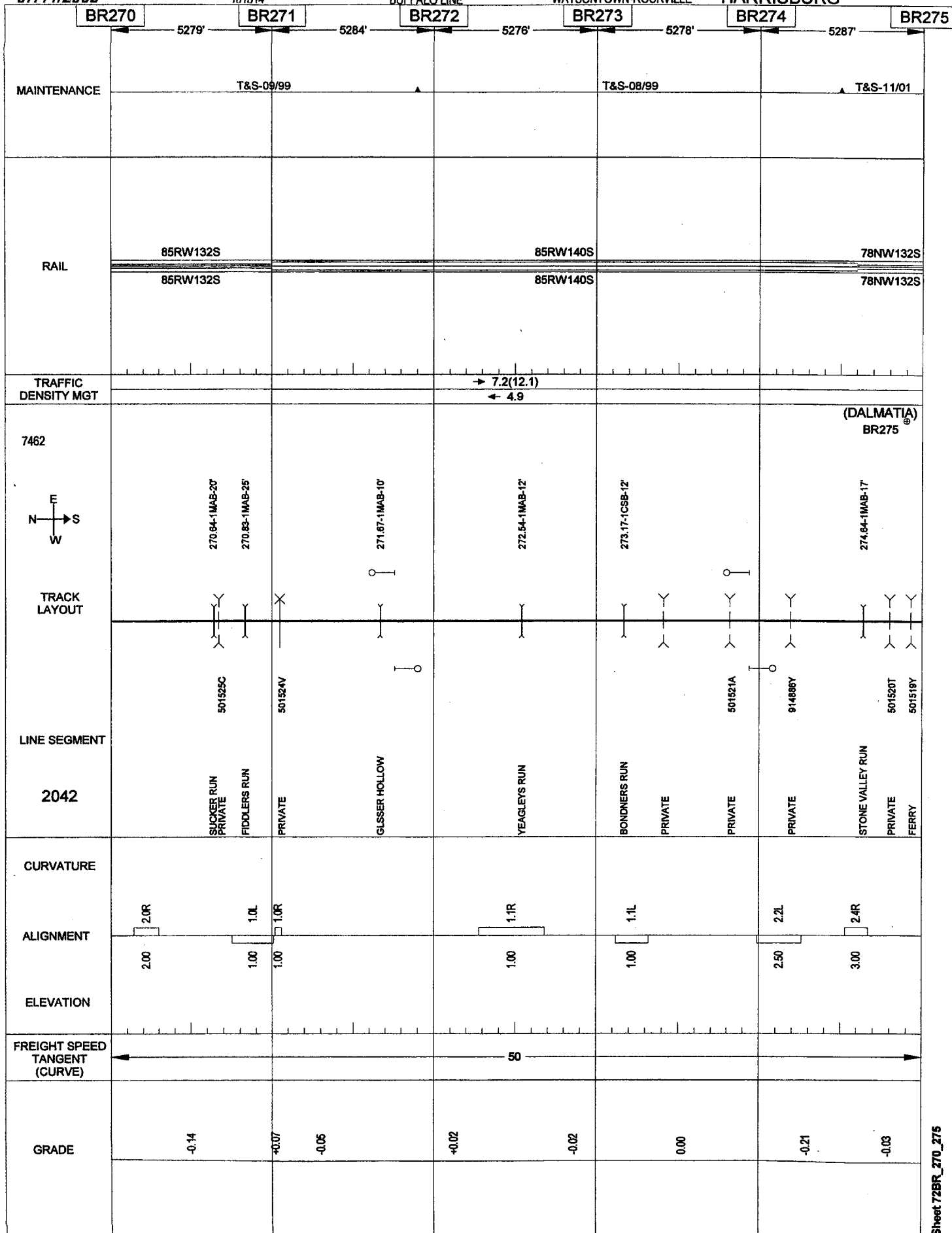
101314

183

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



07/11/2006

101314

184
BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG

BR275

BR276

BR277

BR278

BR279

BR280

5282'

5300'

5293'

5285'

5281'

MAINTENANCE

T&S-11/01

RAIL

78NW132S

90RW133S

78NW132S

01NW132S

78NW132S

90RW133S

78NW140S

78NW132S

90RW133S

78NW132S

90RW133S

78NW140S

TRAFFIC
DENSITY MGT

→ 7.2(12.1)

← 4.9

7462

TRACK
LAYOUT

275.31-1CSB-18'

278.02-1MAB-18'

278.48-4DSB-258' NORTHUMBERLAND CO.
DAUPHIN CO.

LINE SEGMENT

2042

BALSAM HOLLOW RUN

ZERBY'S RUN

517885C
517894V
TWSP RD
MAHANTANGO CREEK
TWSP RIVER RD517880T
PRIVATE

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

1.0R

1.5L

2.1L

2.0R

2.6L

3.3R

1.0R

1.00

1.50

2.50

2.00

3.50

2.50

1.00

50

40

50

-0.20

0.00

-0.08

+0.02

-0.05

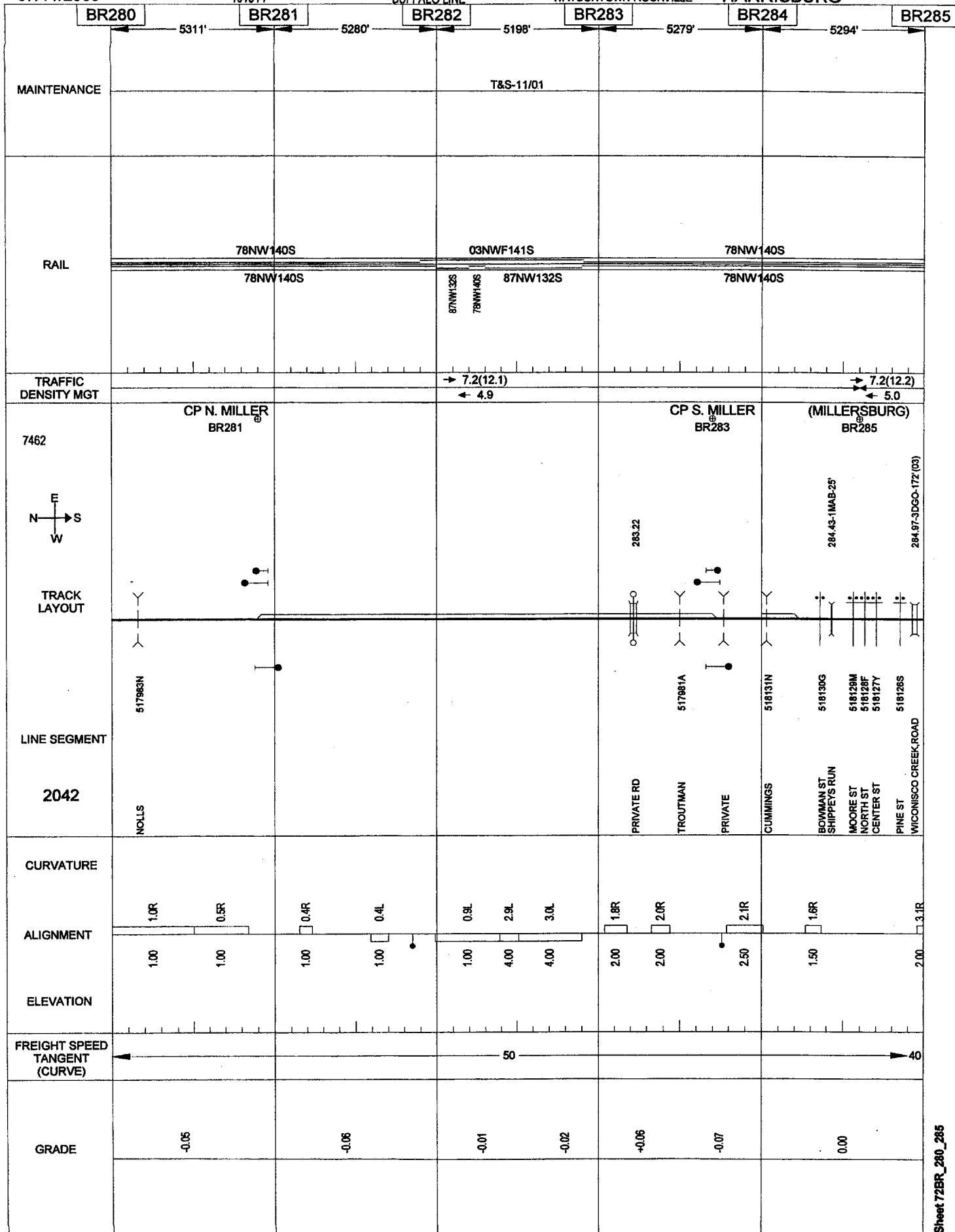
07/11/2006

101314

185
BUFFALO LINE

WATSON TOWN-ROCKVILLE

HARRISBURG



07/11/2006

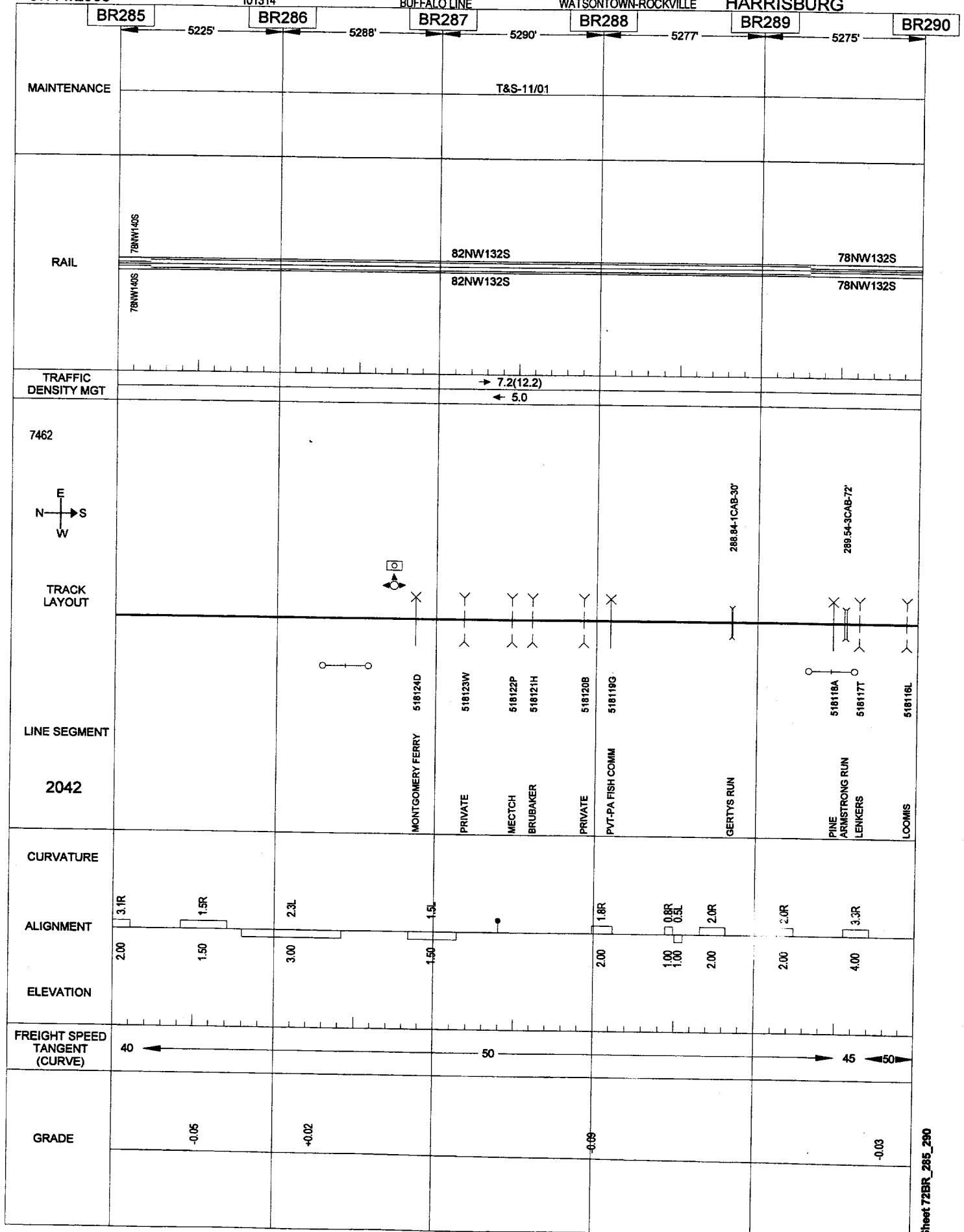
101314

186

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



07/11/2006

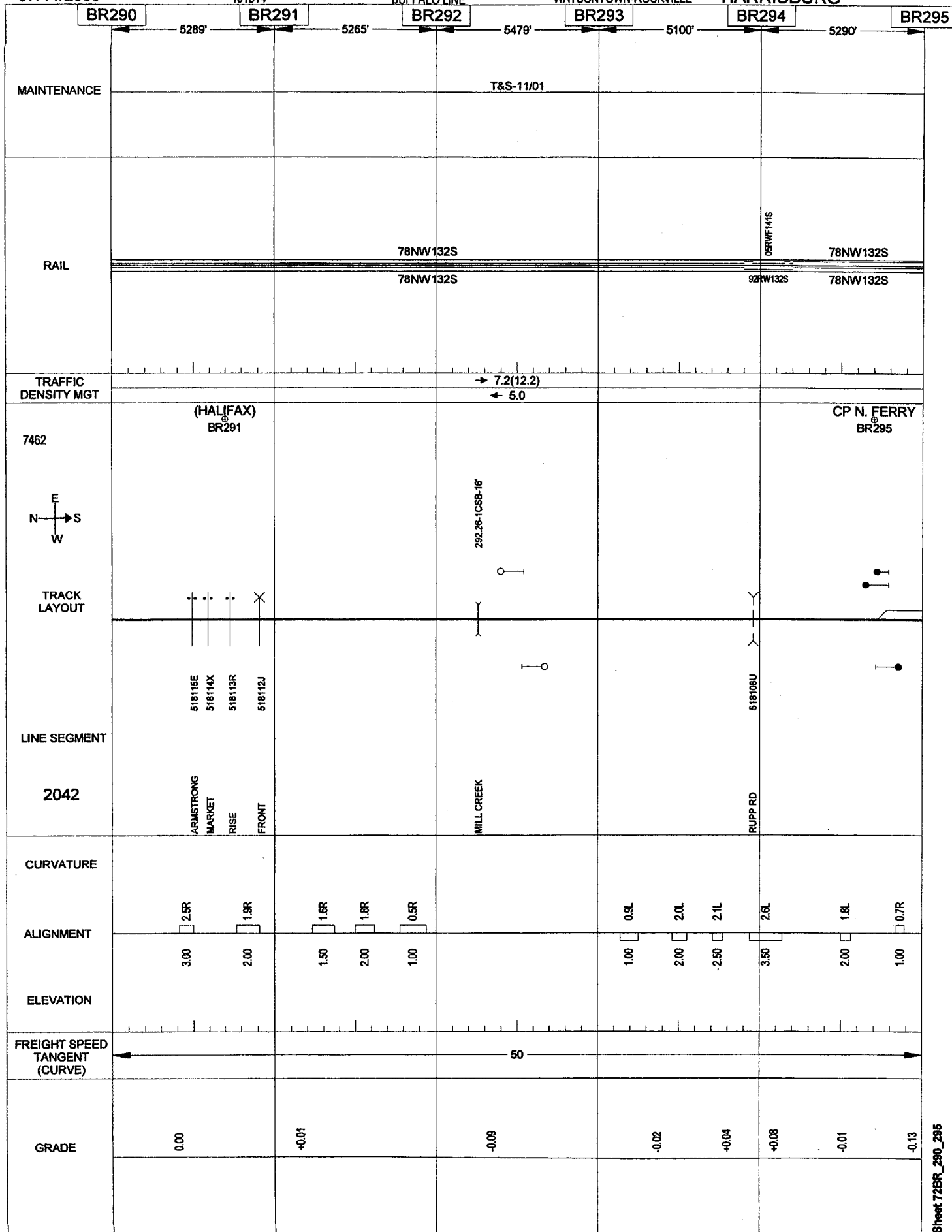
101314

187

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



07/11/2006

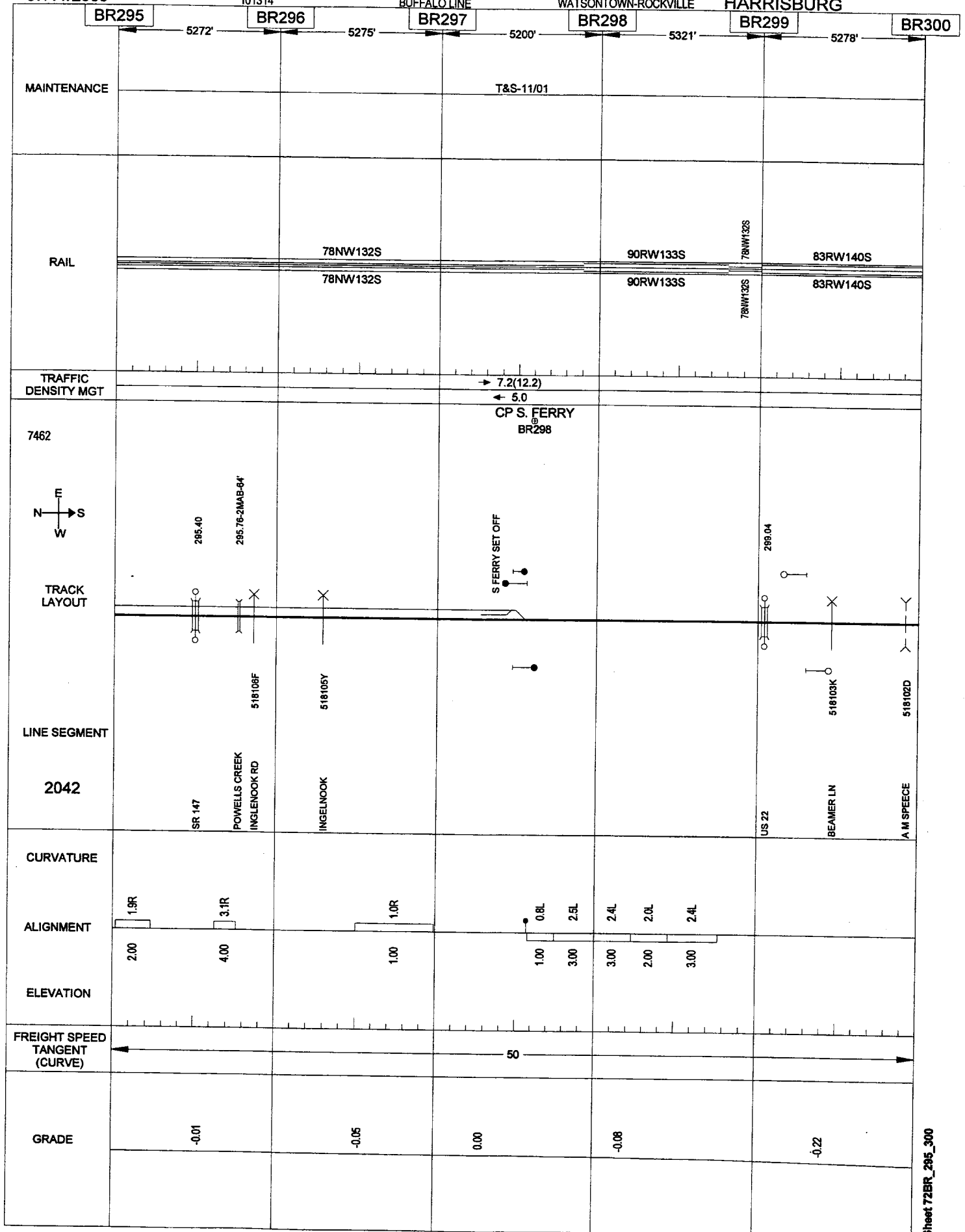
101314

188

BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



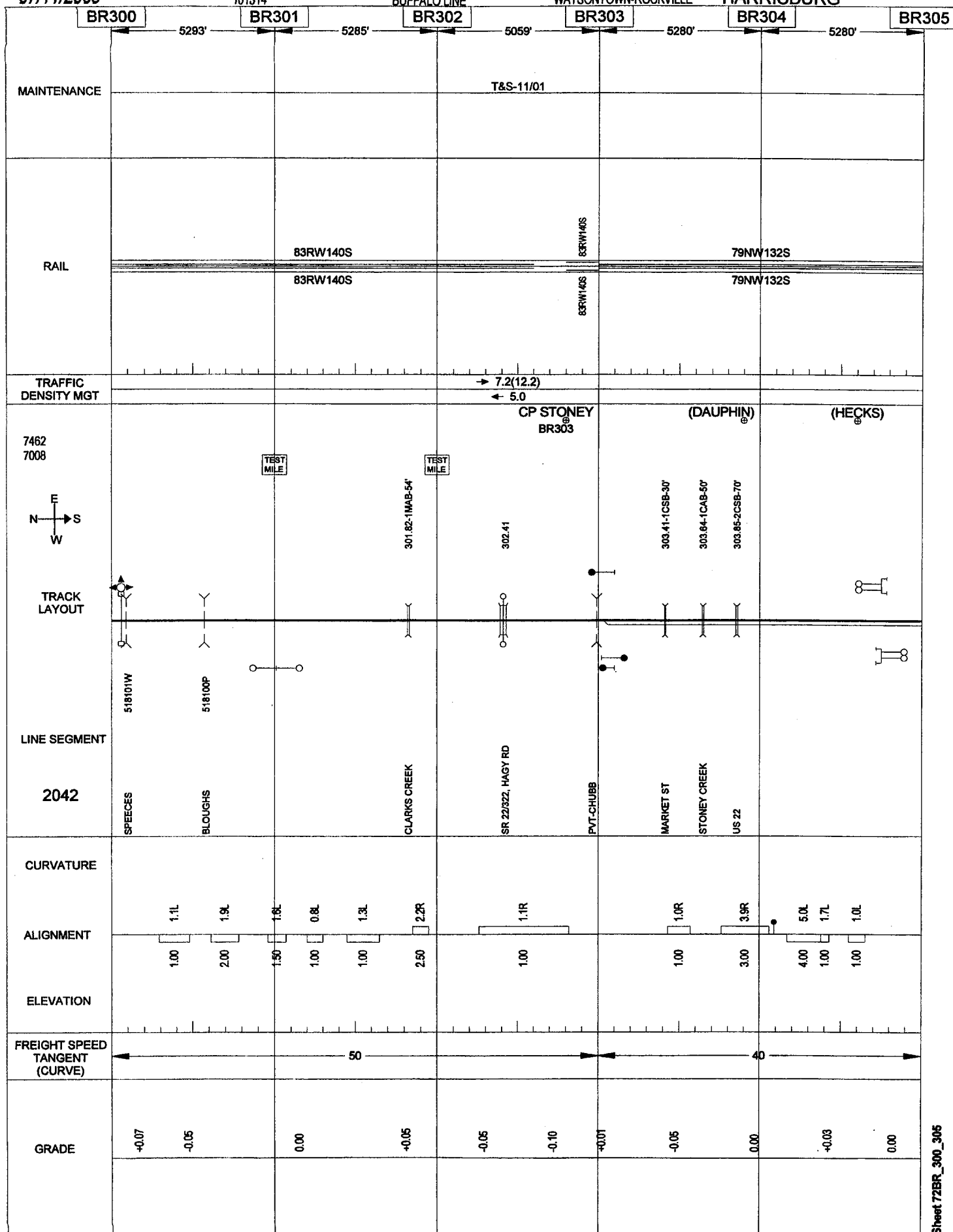
07/11/2006

101314

189
BUFFALO LINE

WATSONTOWN-ROCKVILLE

HARRISBURG



07/11/2006

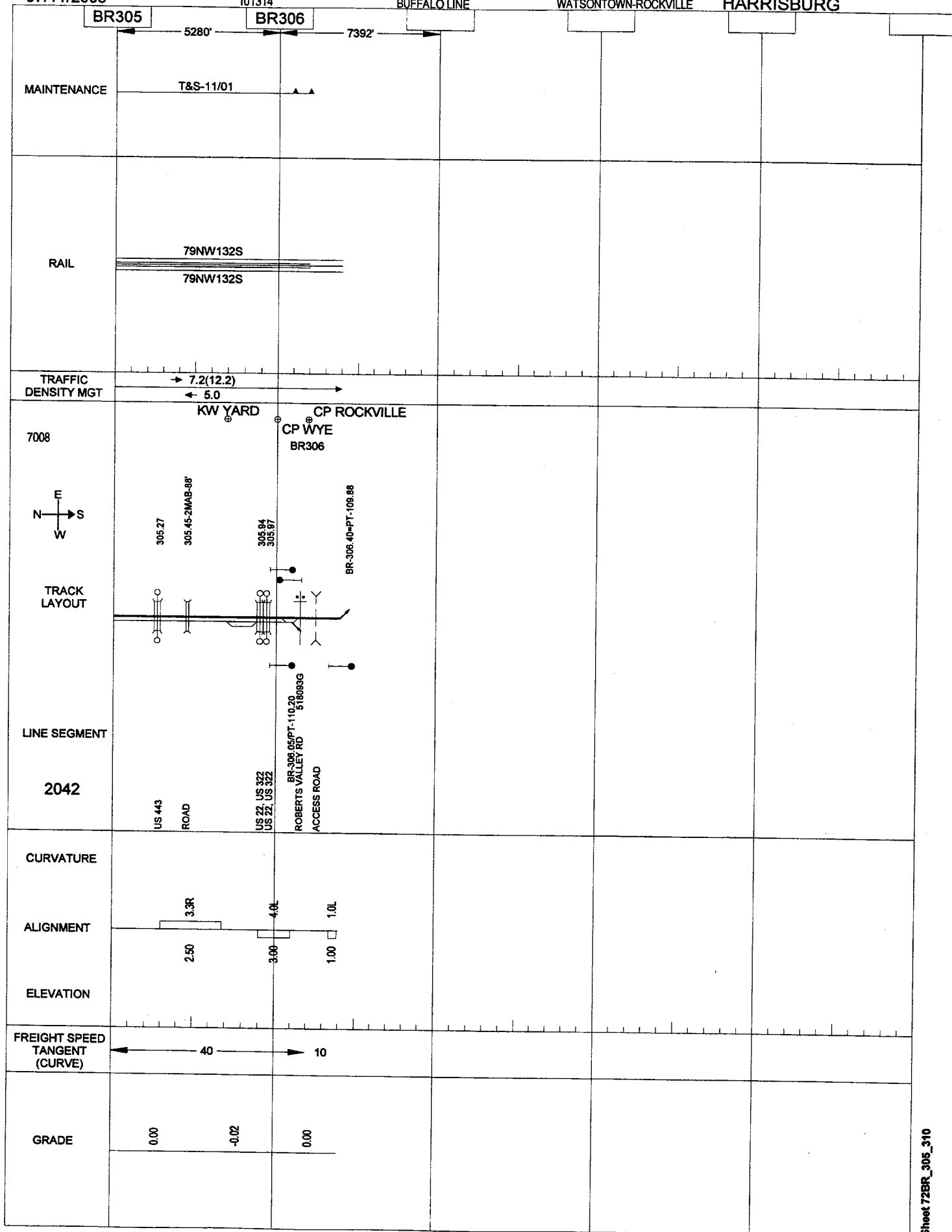
101314

190

BUFFALO LINE

WATSON TOWN-ROCKVILLE

HARRISBURG



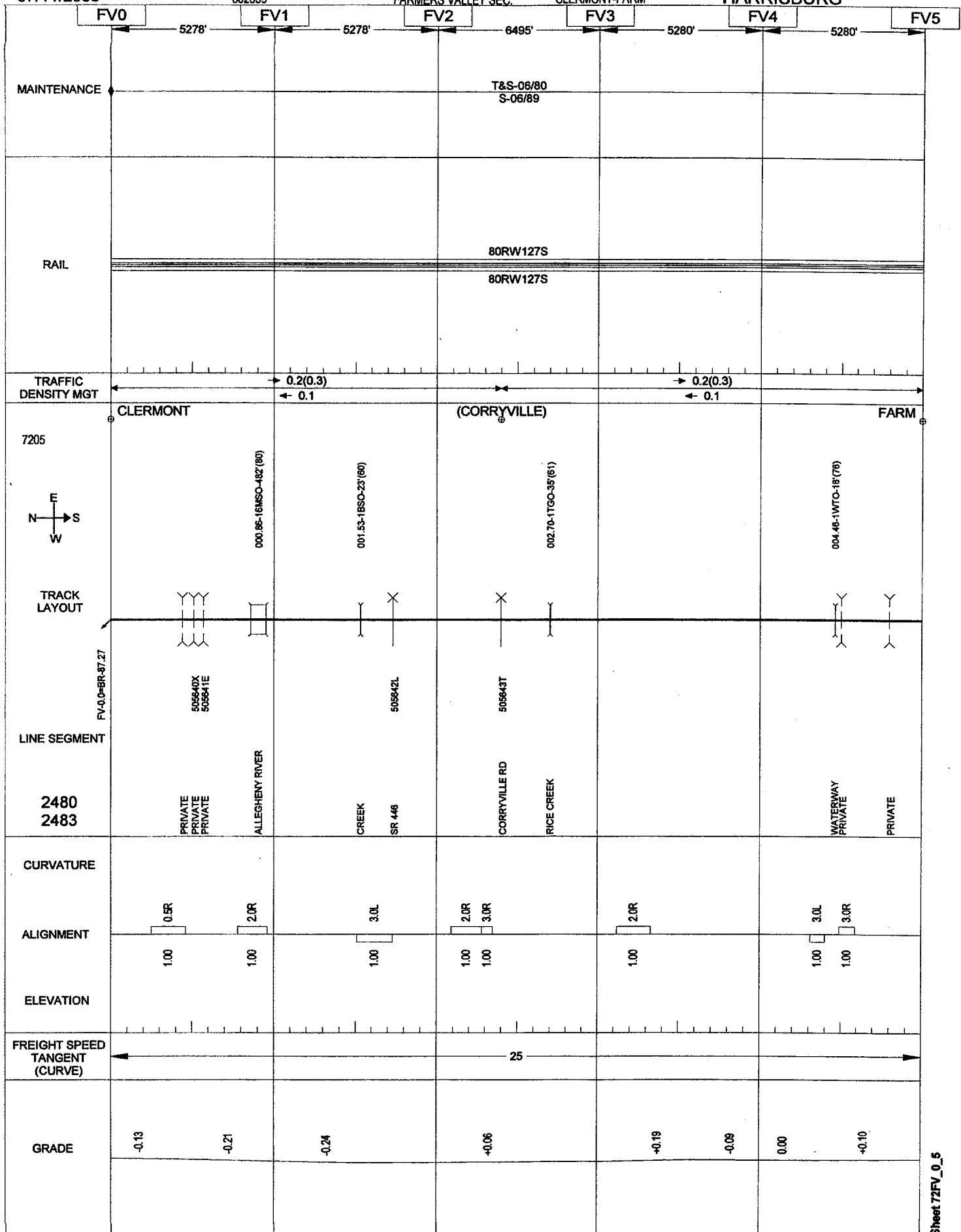
07/11/2006

302339

191
FARMERS VALLEY SEC.

CLERMONT-FARM

HARRISBURG



07/11/2006

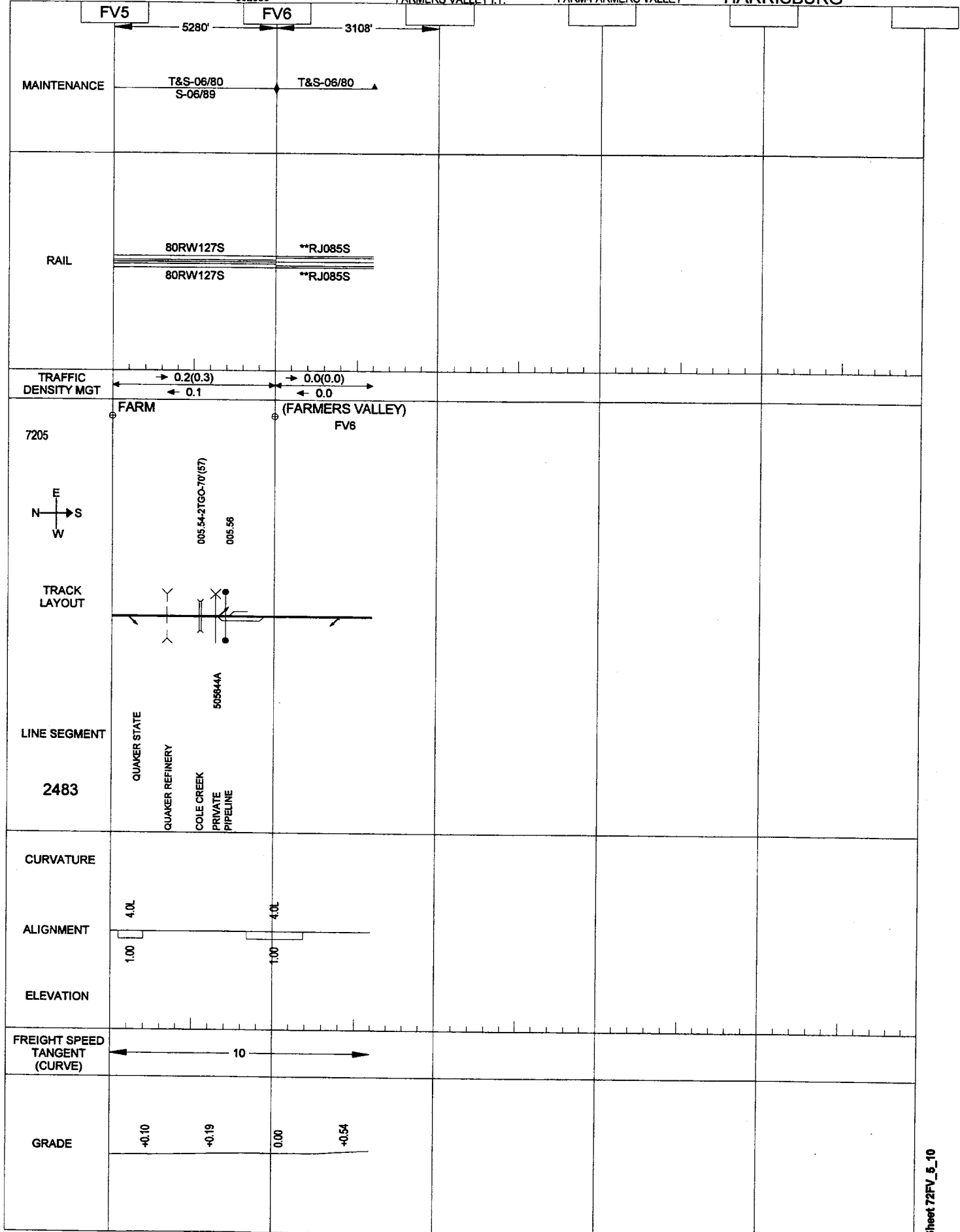
302339

192

FARMERS VALLEY I.T.

FARM-FARMERS VALLEY

HARRISBURG



07/11/2006

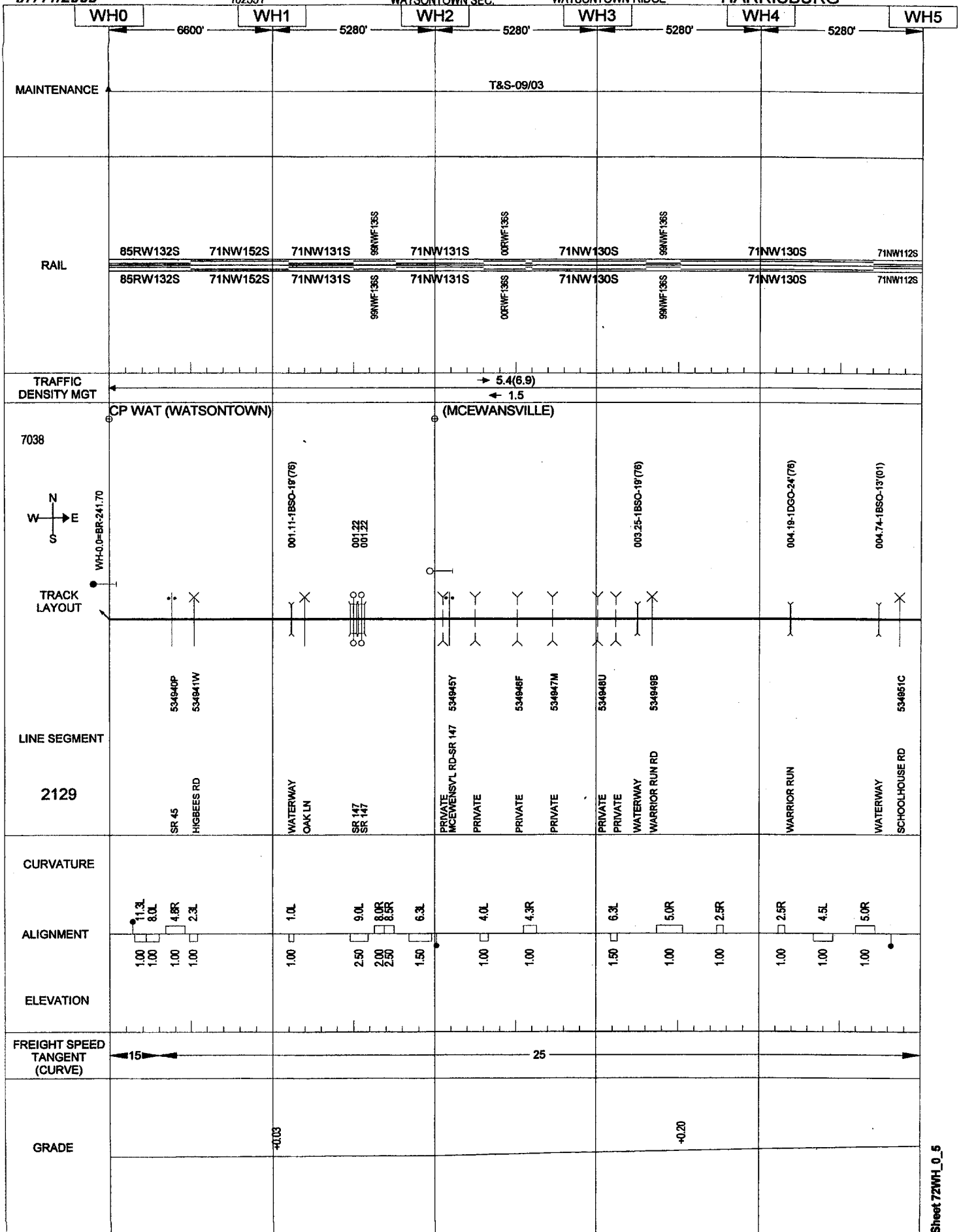
102331

193

WATSON TOWN SEC.

WATSON TOWN RIDGE

HARRISBURG



07/11/2006

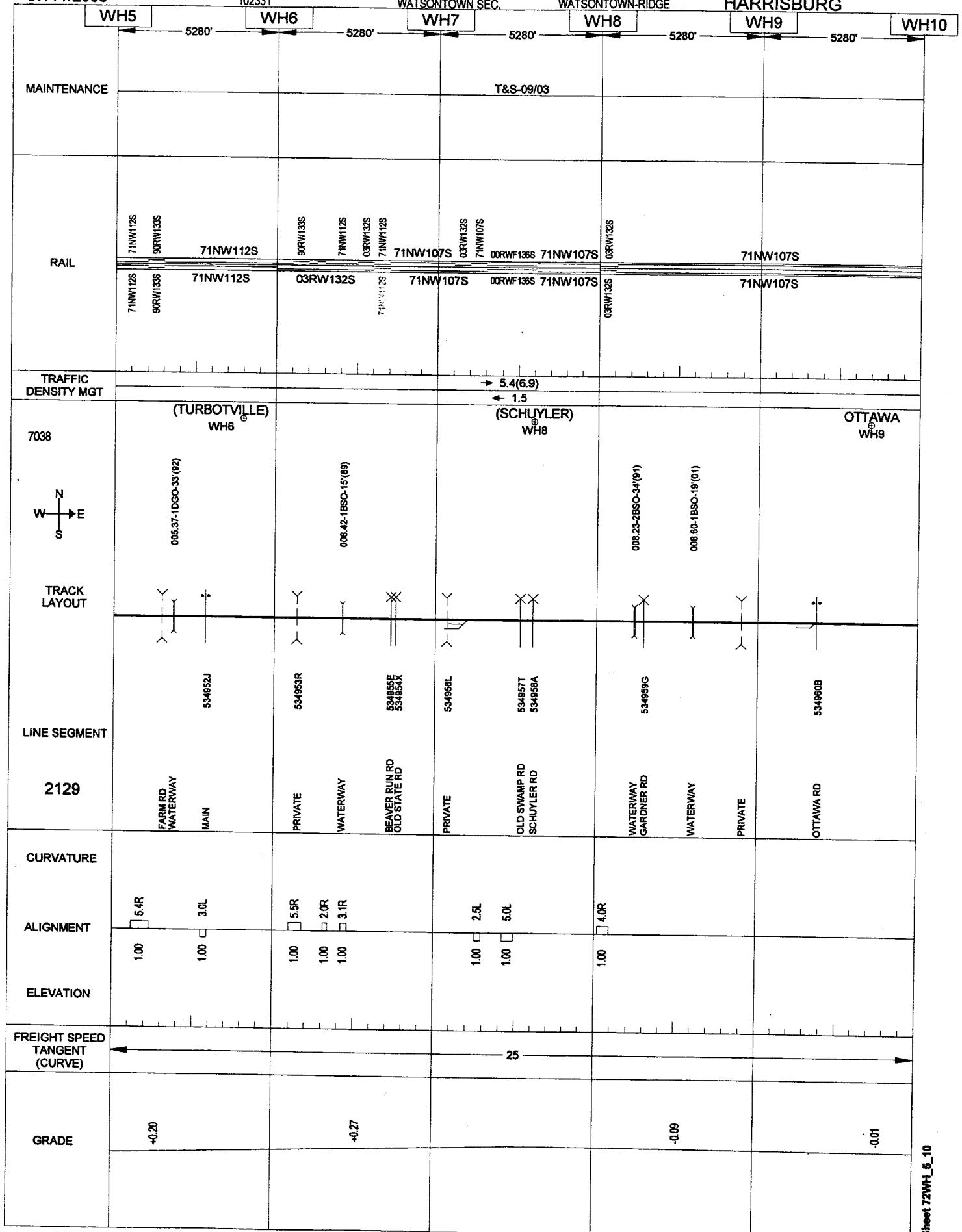
102331

194

WATSON TOWN SEC.

WATSON TOWN-RIDGE

HARRISBURG



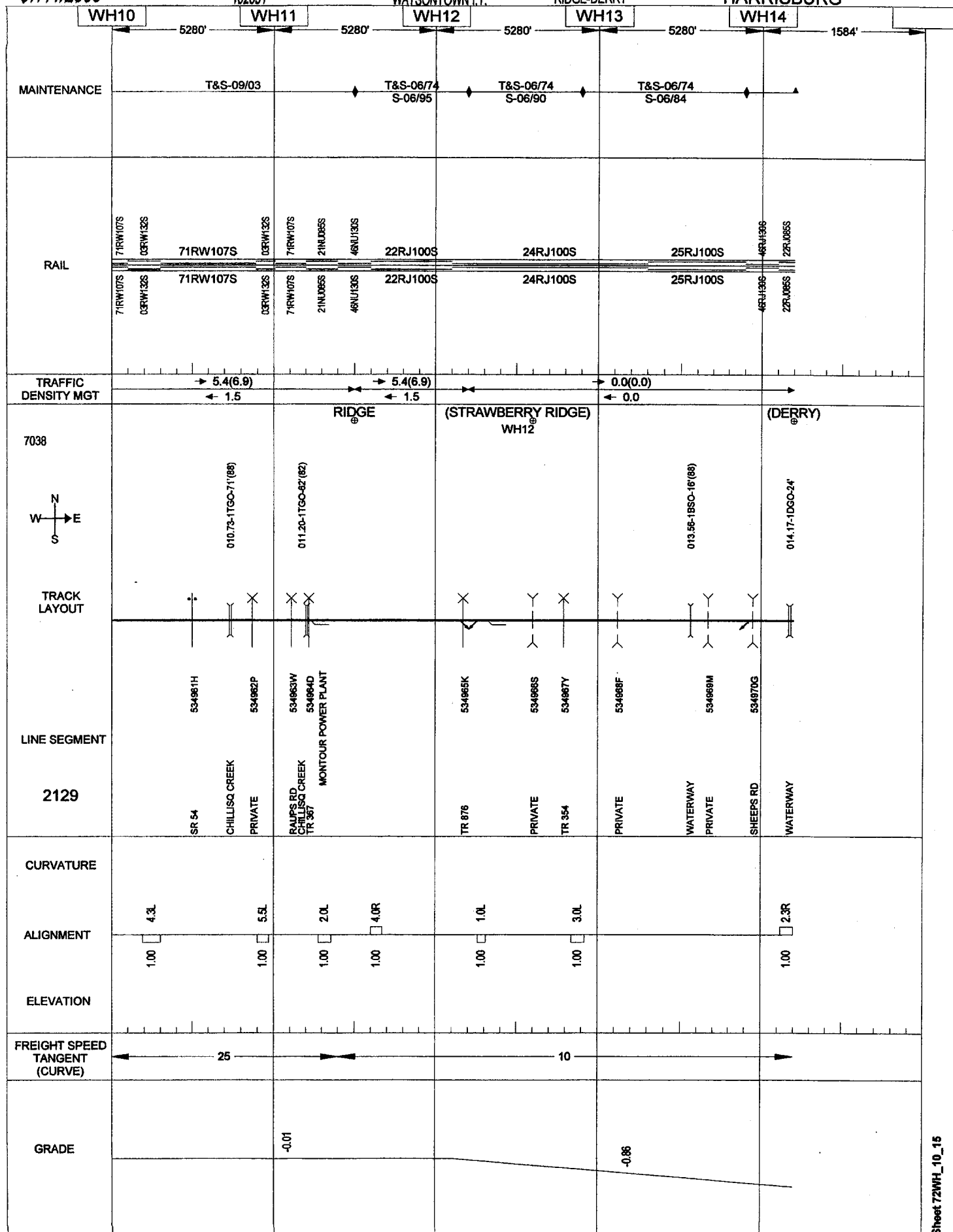
07/11/2006

102331

195
WATSONTOWN I.T.

RIDGE-DERRY

HARRISBURG



07/11/2006

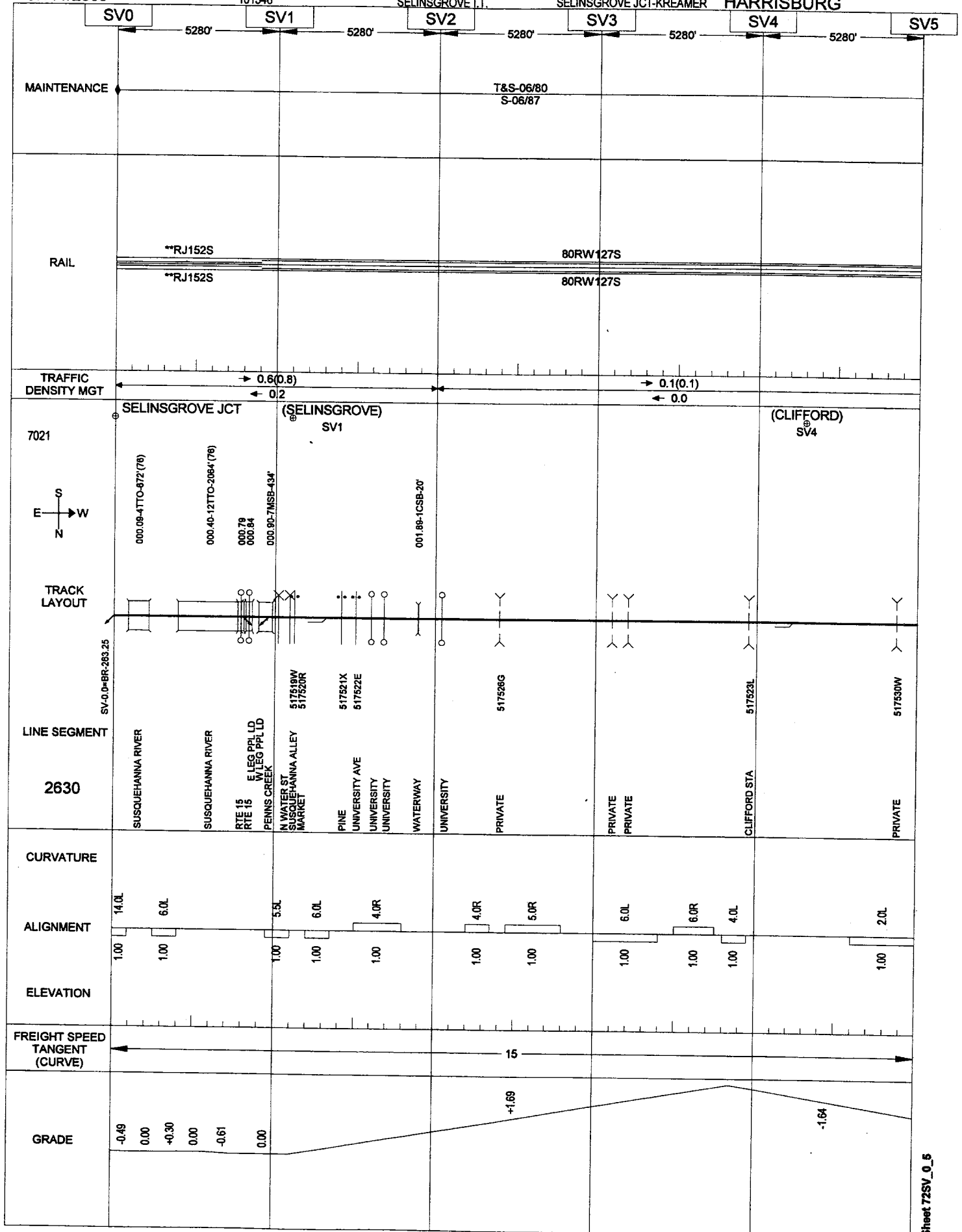
101346

196

SELINGSGROVE I.T.

SELINGSGROVE JCT-KREAMER

HARRISBURG



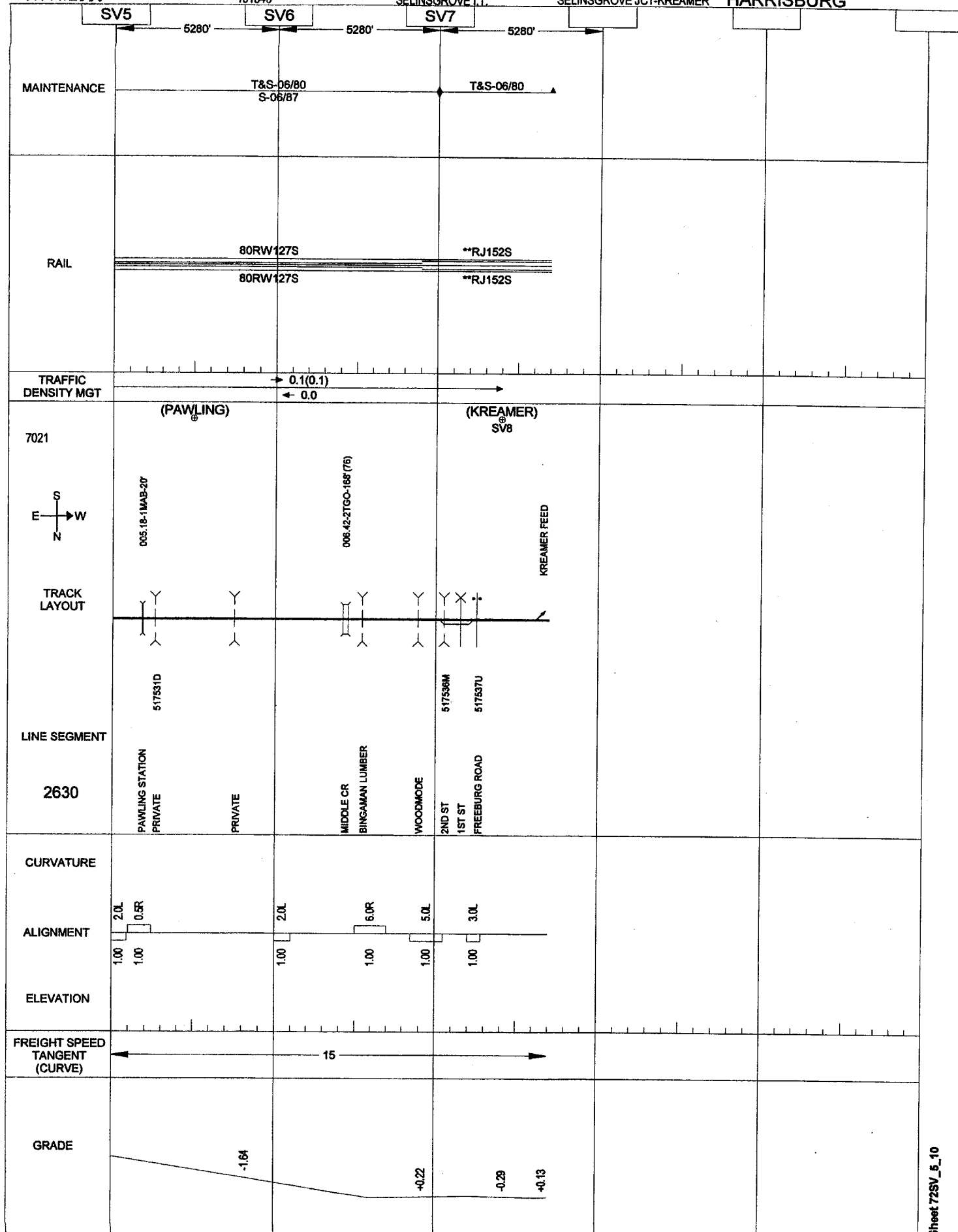
07/11/2006

101346

197
SELINGROVE I.T.

SELINGROVE JCT-KREAMER

HARRISBURG



07/11/2006

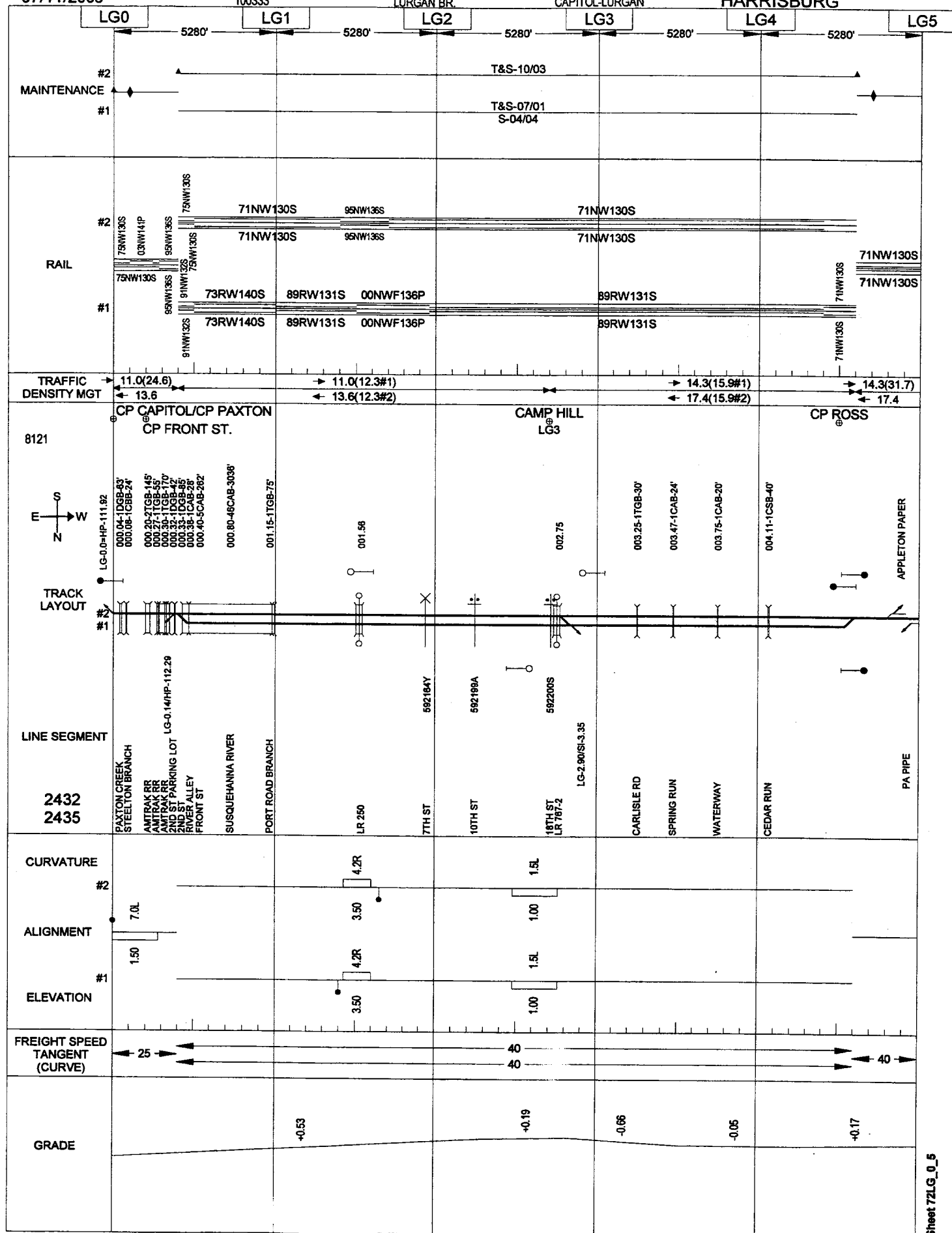
100333

198

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



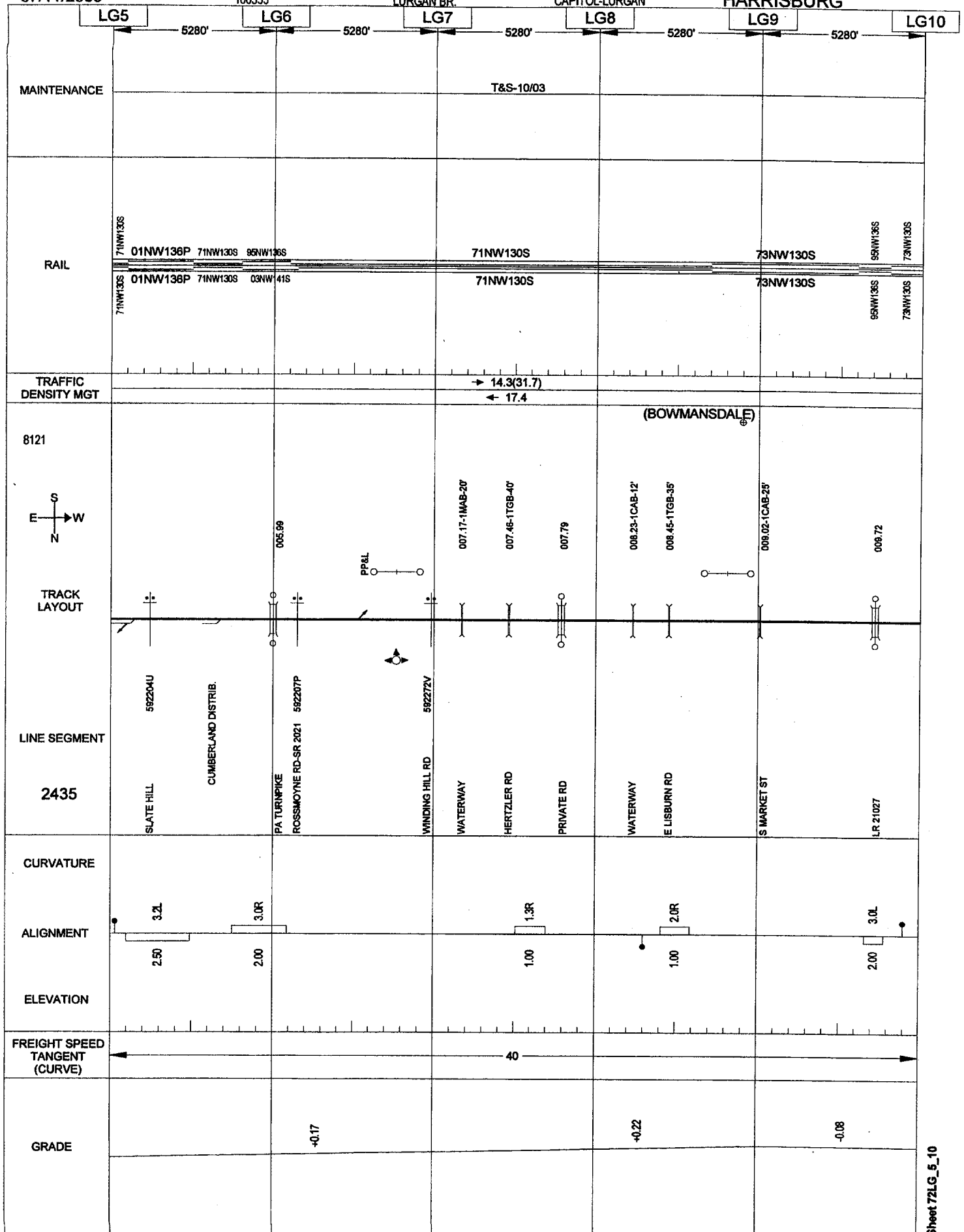
07/11/2006

100333

199
LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



07/11/2006

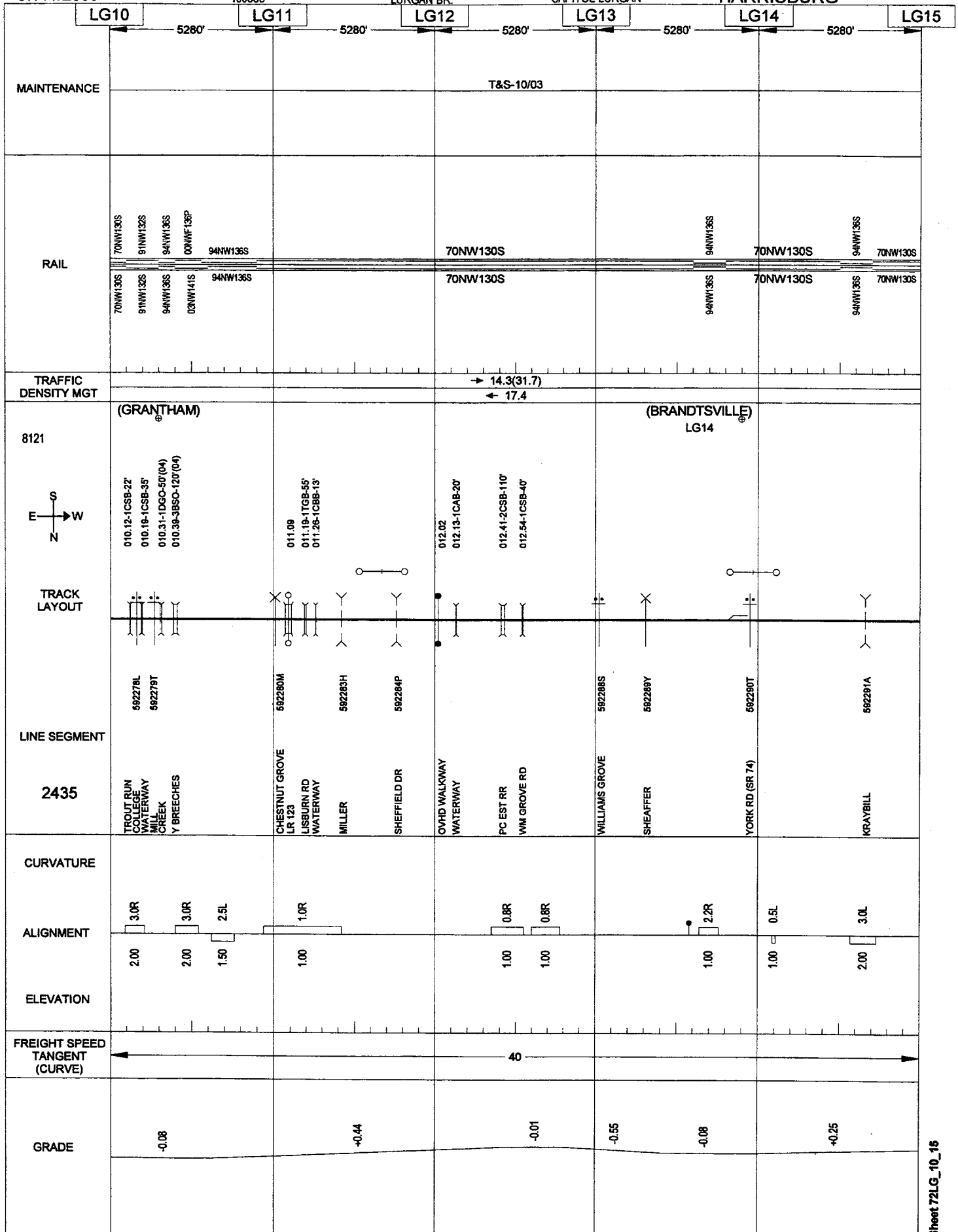
100333

200

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



07/11/2006

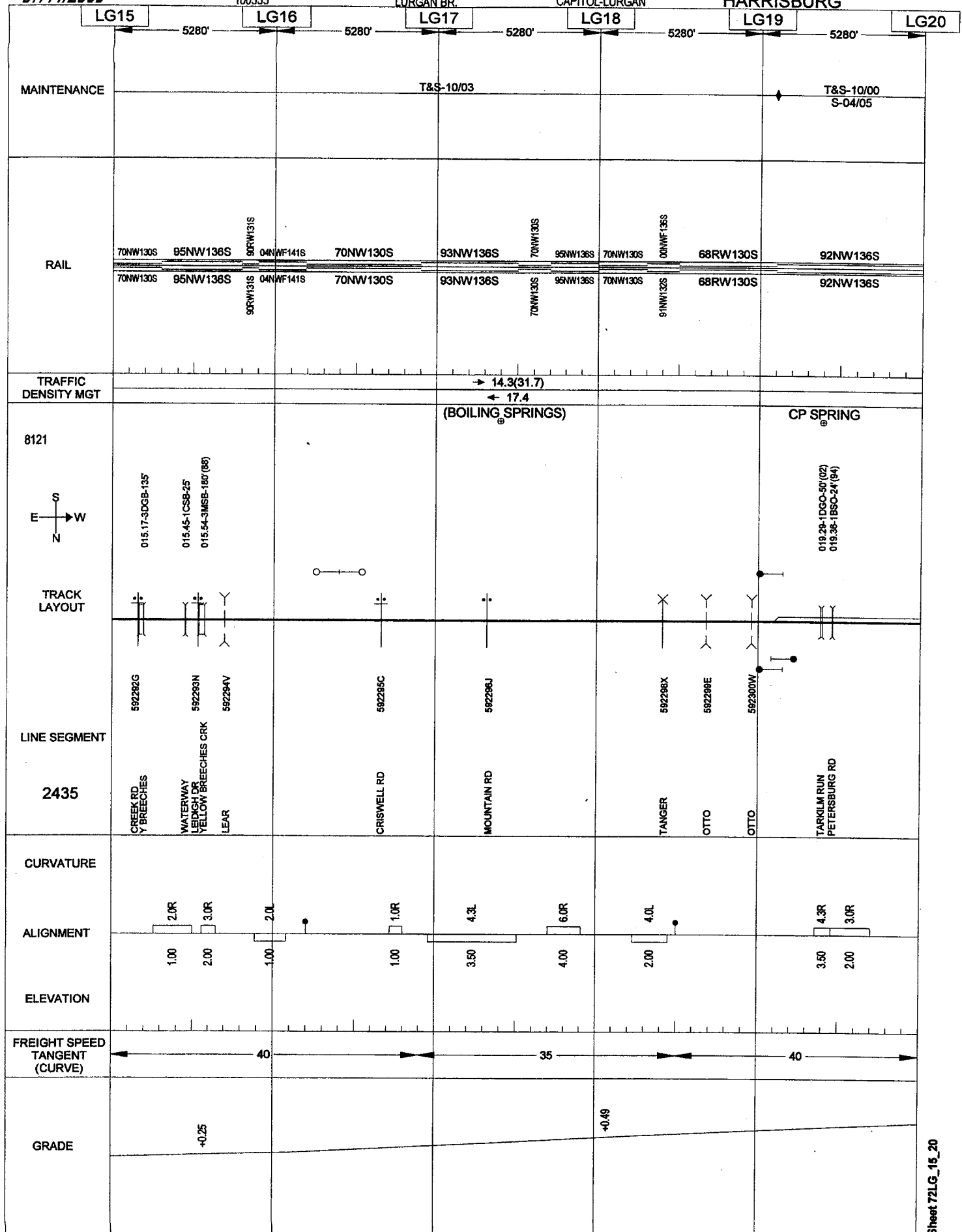
100333

201

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



07/11/2006

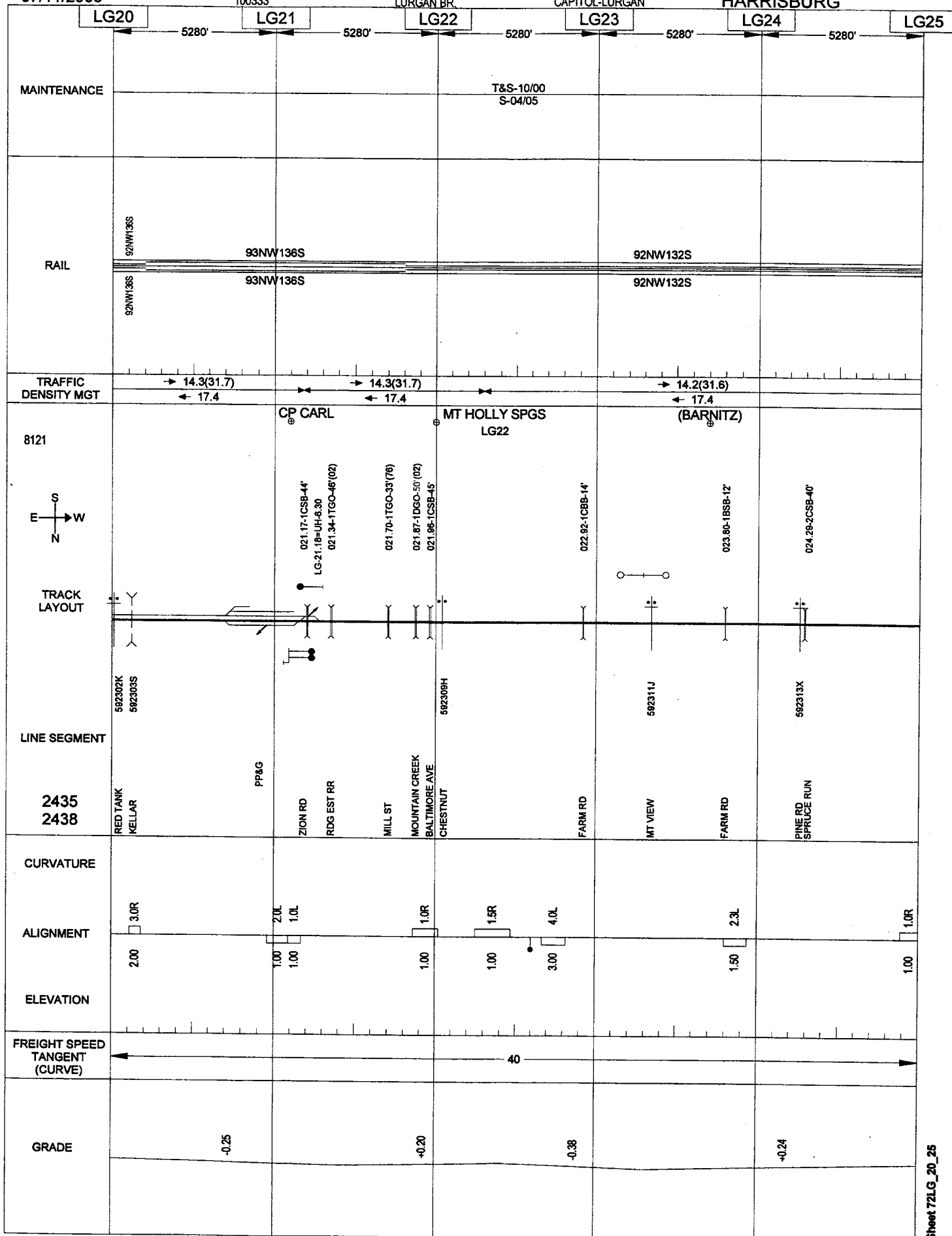
100333

202

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



07/11/2006

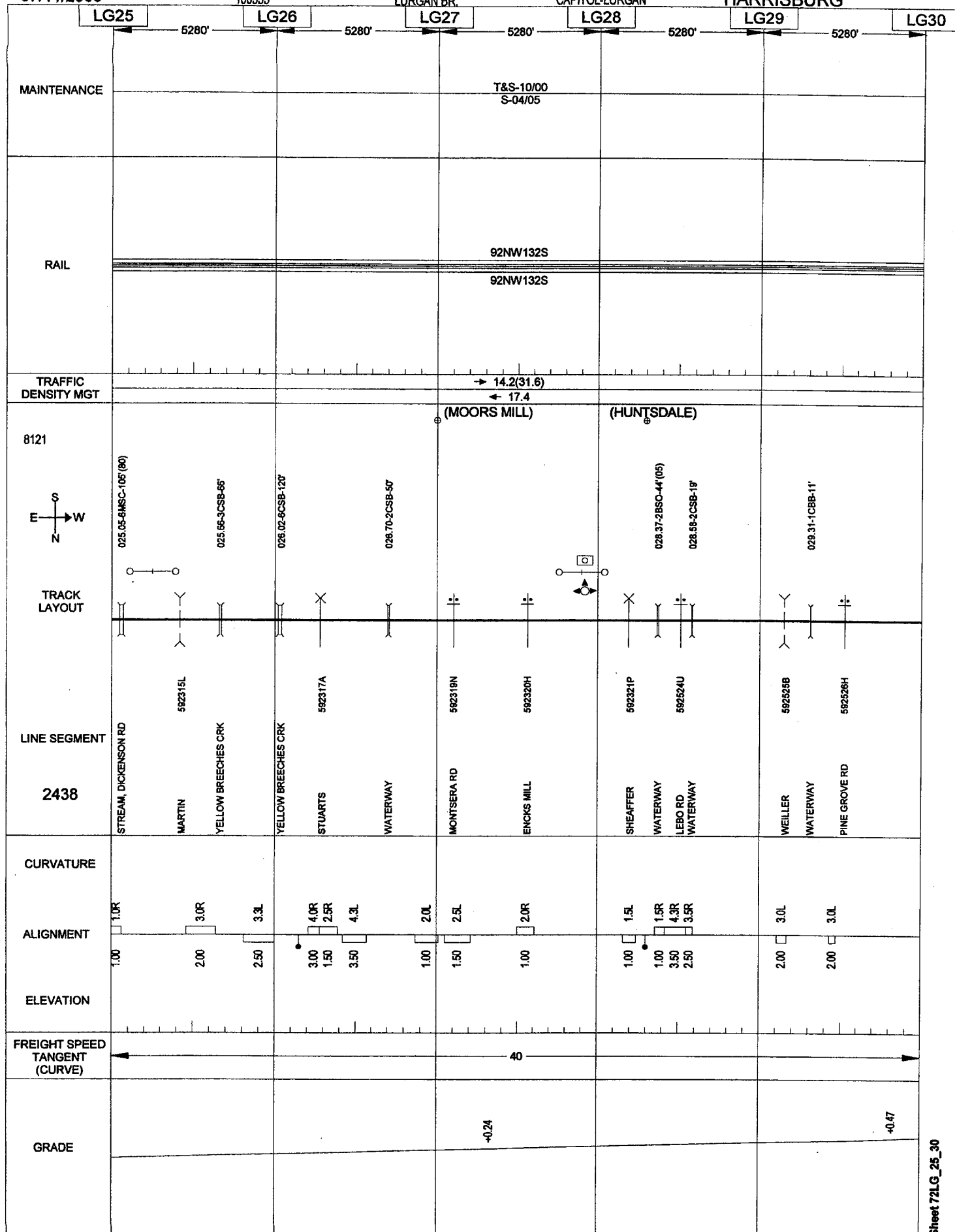
100333

203

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



07/11/2006

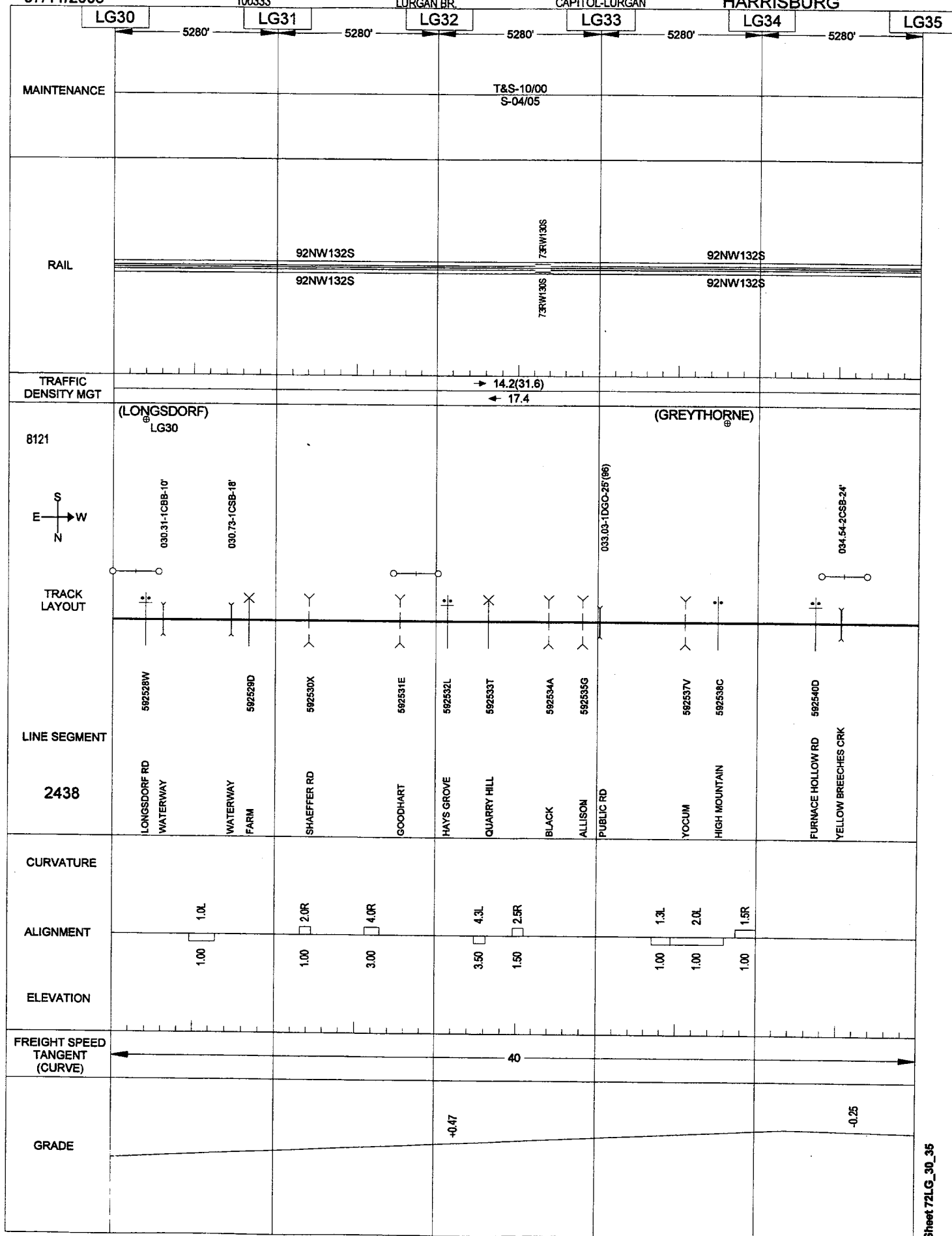
100333

204

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



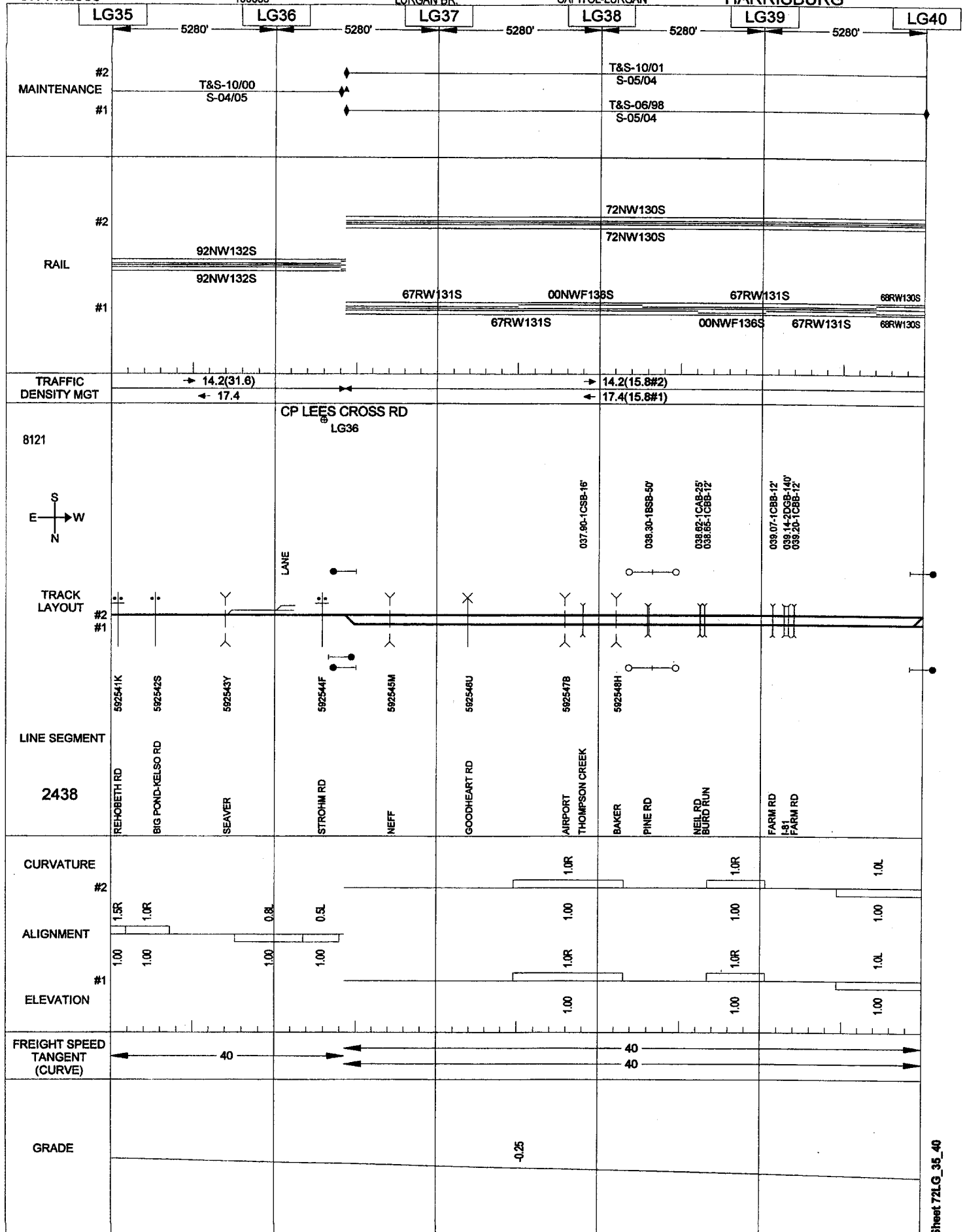
07/11/2006

100333

205
LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



07/11/2006

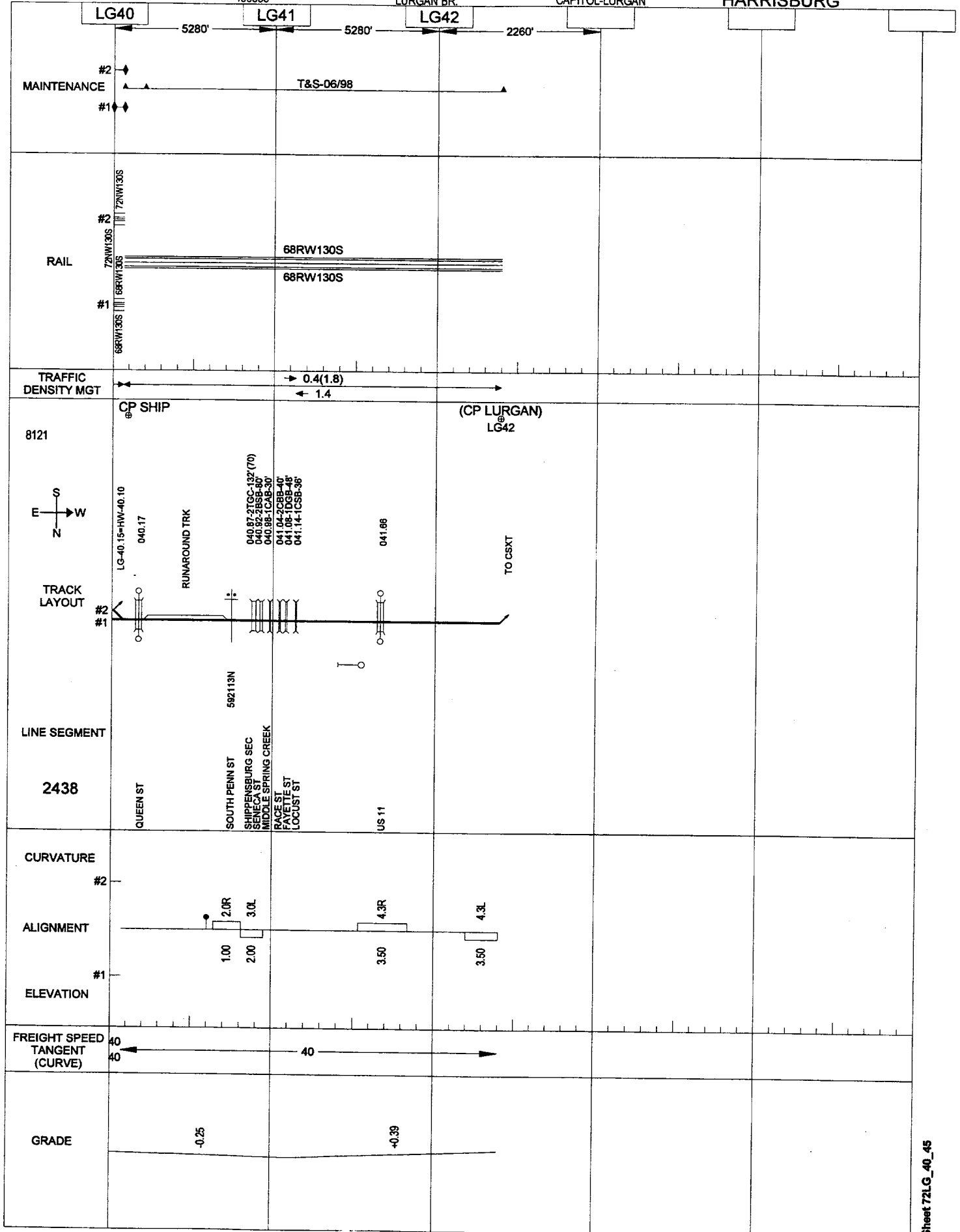
100333

206

LURGAN BR.

CAPITOL-LURGAN

HARRISBURG



07/11/2006

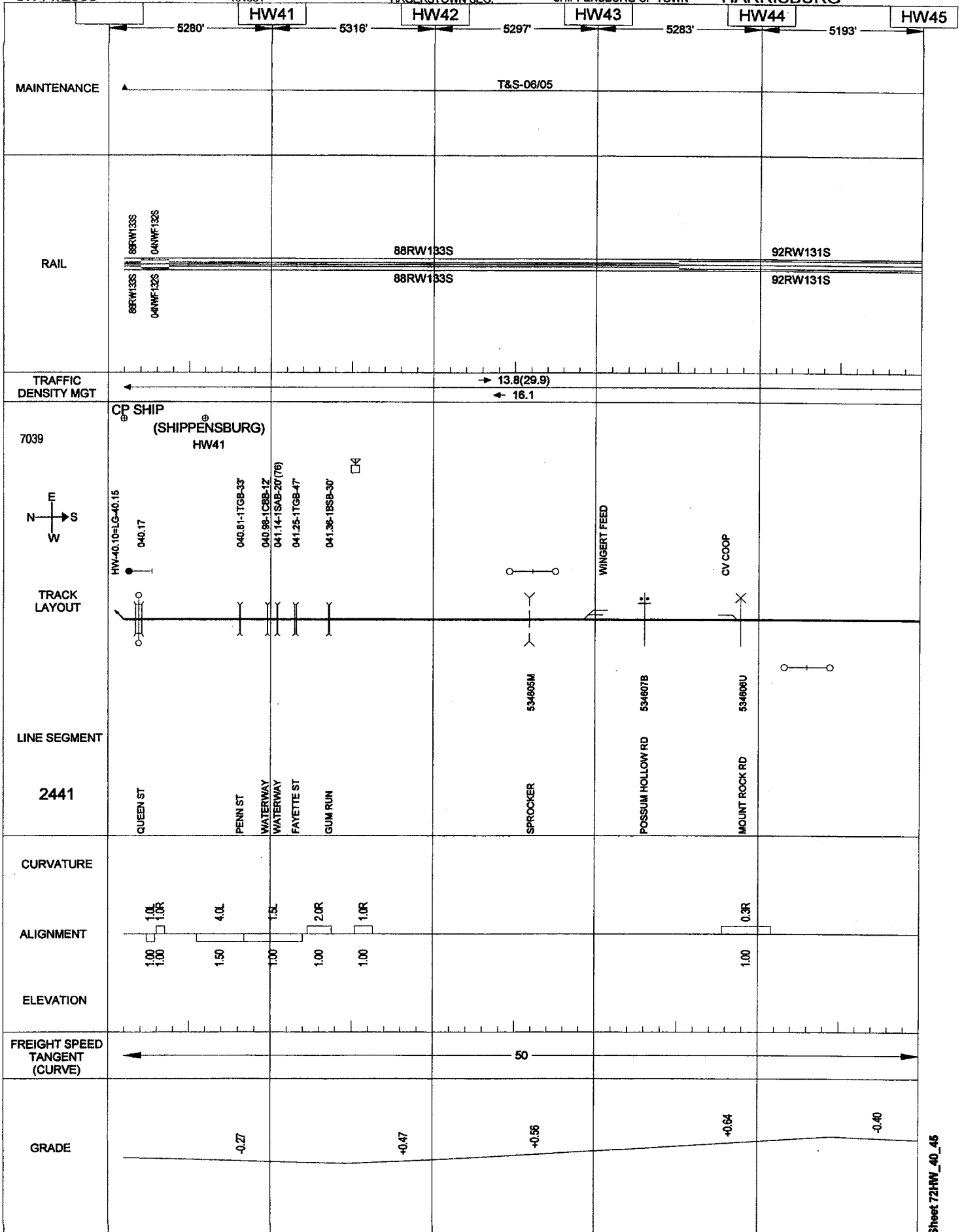
101331

207

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



07/11/2006

101331

208

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG

HW45 5295' HW46 5268' HW47 5286' HW48 5274' HW49 5108' HW50

MAINTENANCE

T&S-06/05

RAIL

92RW131S

88RW131S

88RW127S

92RW131S

88RW131S

88RW127S

TRAFFIC DENSITY MGT

→ 13.8(29.9)
← 16.1

7039



TRACK LAYOUT

(SCOTLAND)

045.93-28SB-20'

046.38-1CAB-28'
046.44-18SB-10'

046.98

047.25-1CAB-21'
047.28-2CAB-121'
047.35-1MAB-25'

048.26

LINE SEGMENT

2441

534608H
JOHN TW CUL
CULBERTSON

LR 28009
OTT CULVERT

SR 997

SCOTLAND RD
SR 997 CREEK
SCOT SC RAC

ORPHAN SCHOOL

SCOTLAND RD

534615T
HORST

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED TANGENT (CURVE)

50

GRADE

-0.40

-0.10

-0.40

07/11/2006

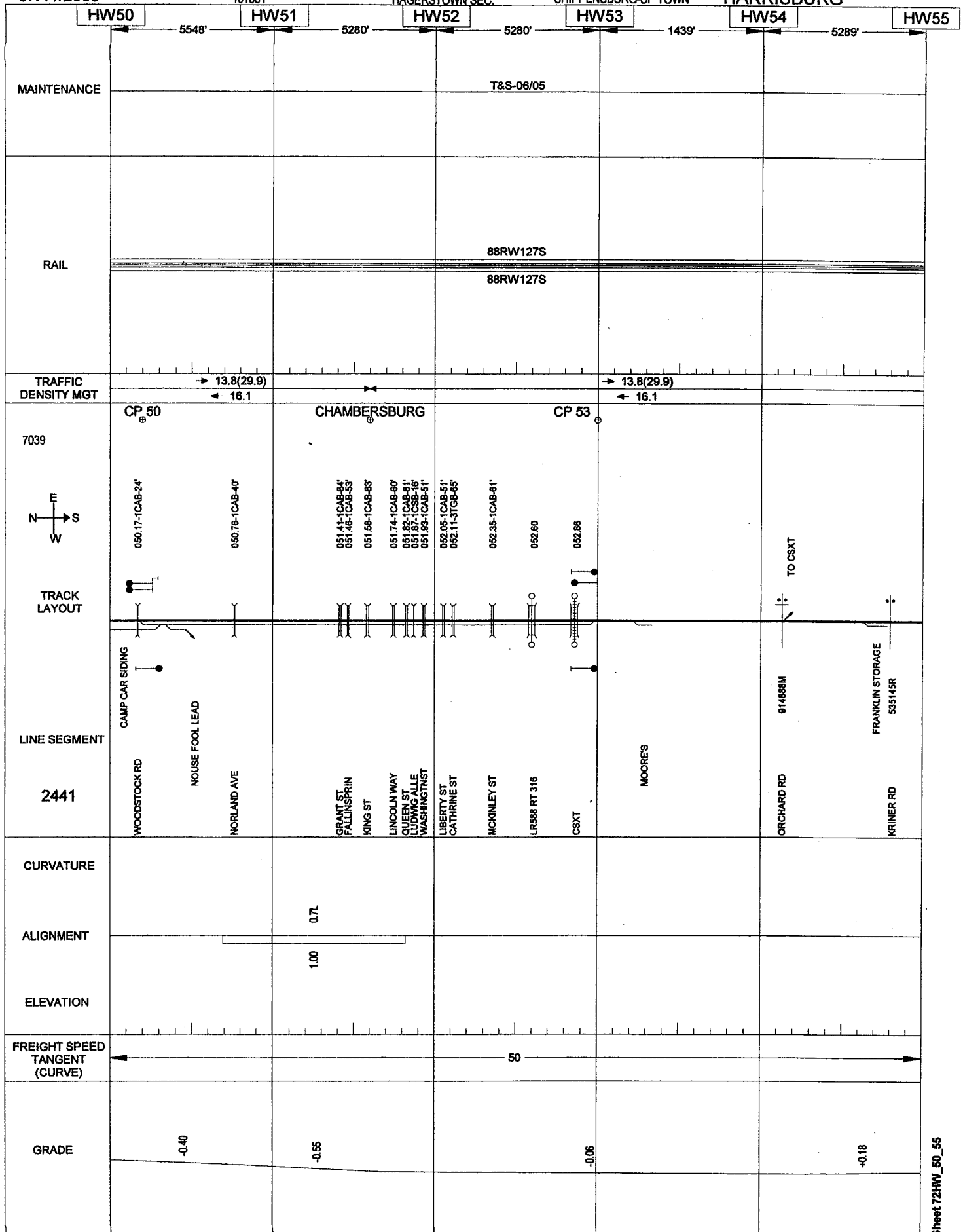
101331

209

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



07/11/2006

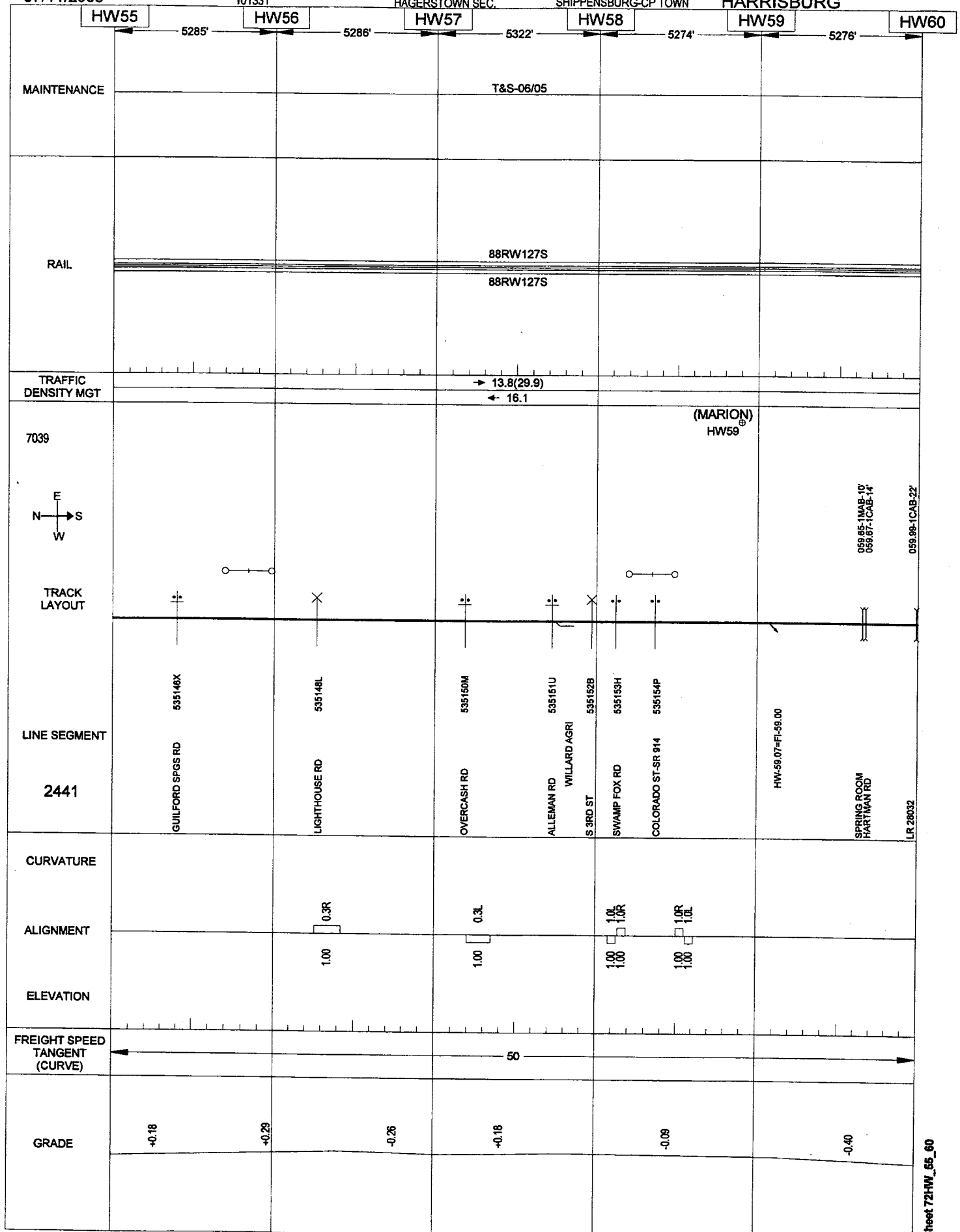
101331

210

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



07/11/2006

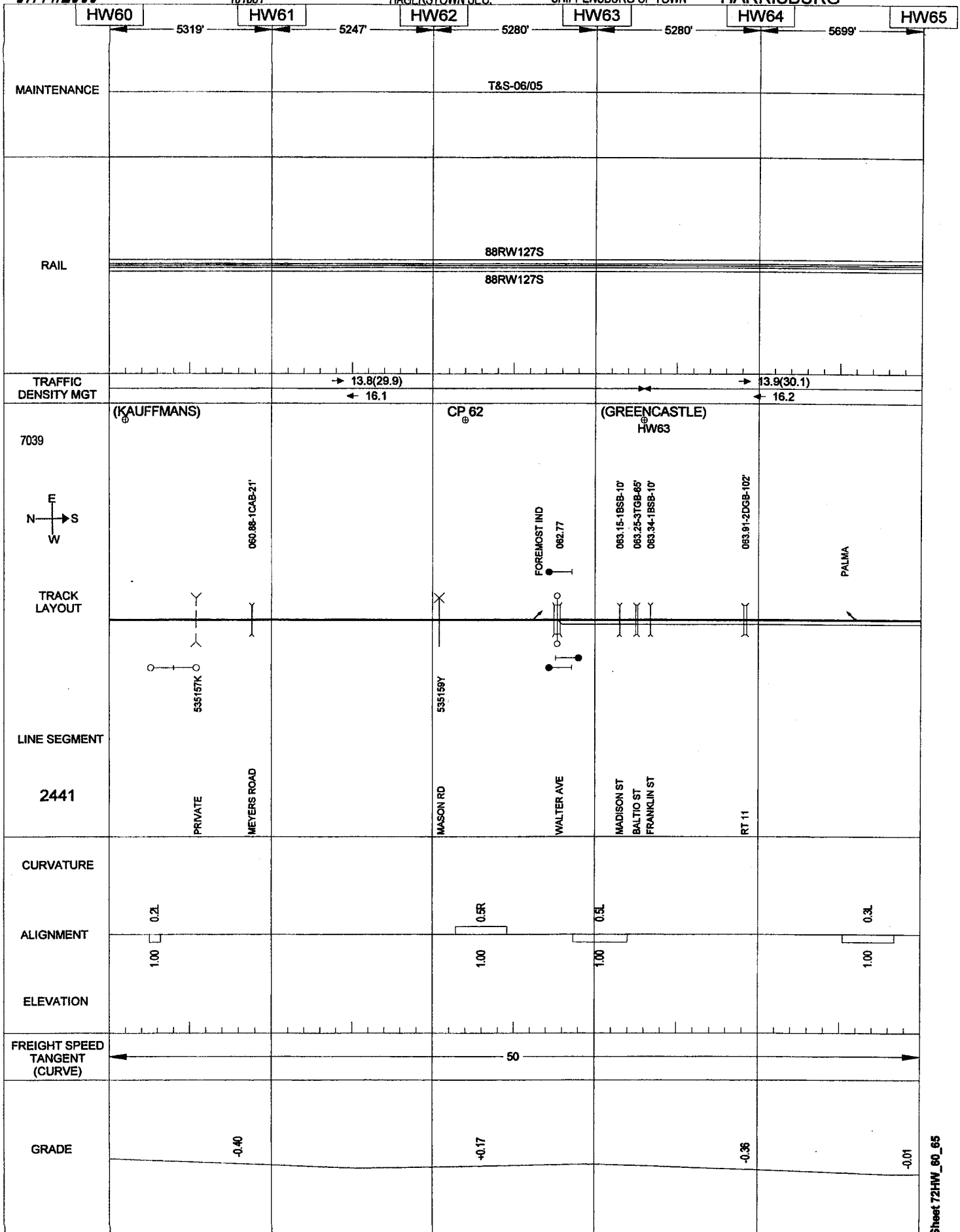
101331

211

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



07/11/2006

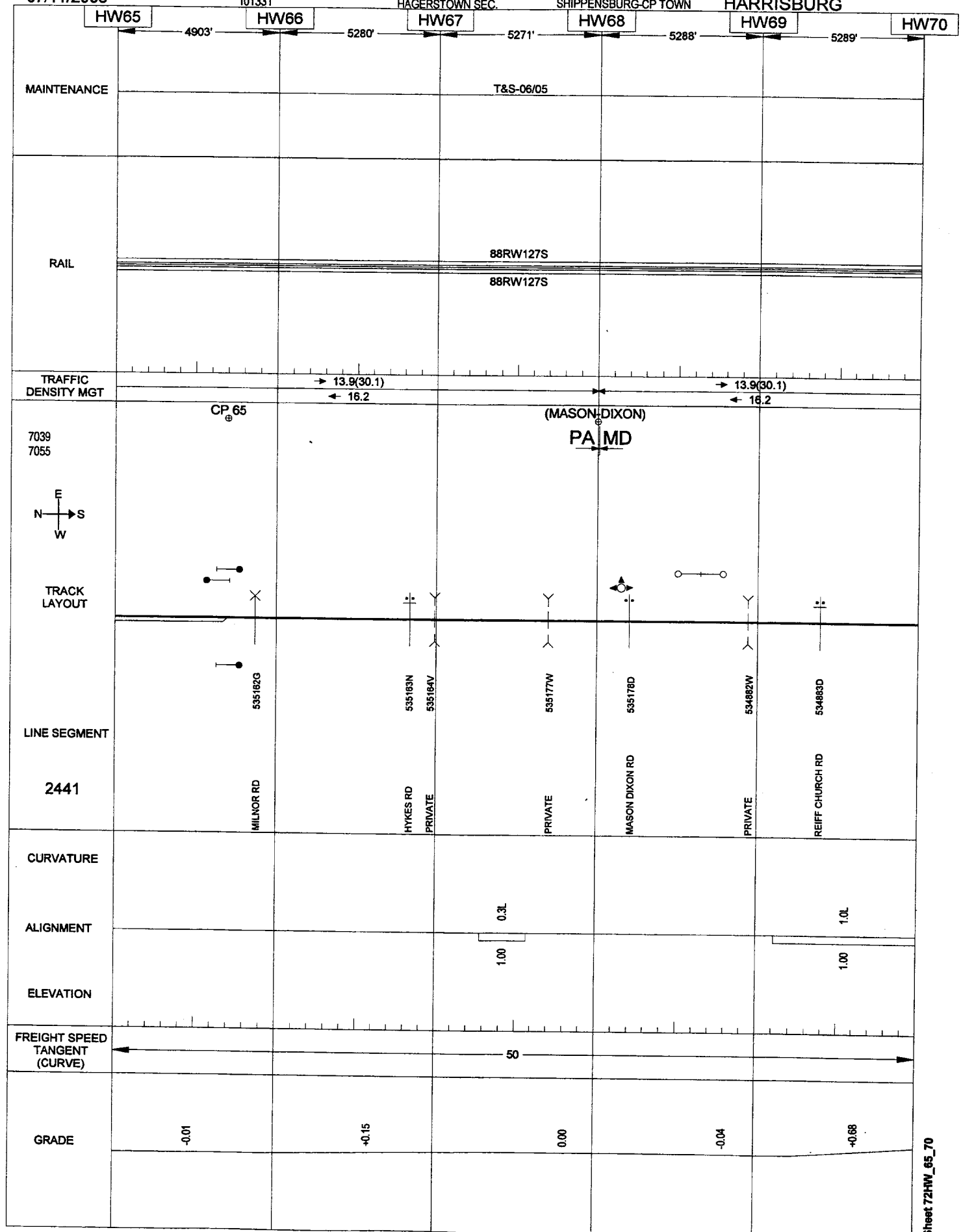
101331

212

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



07/11/2006

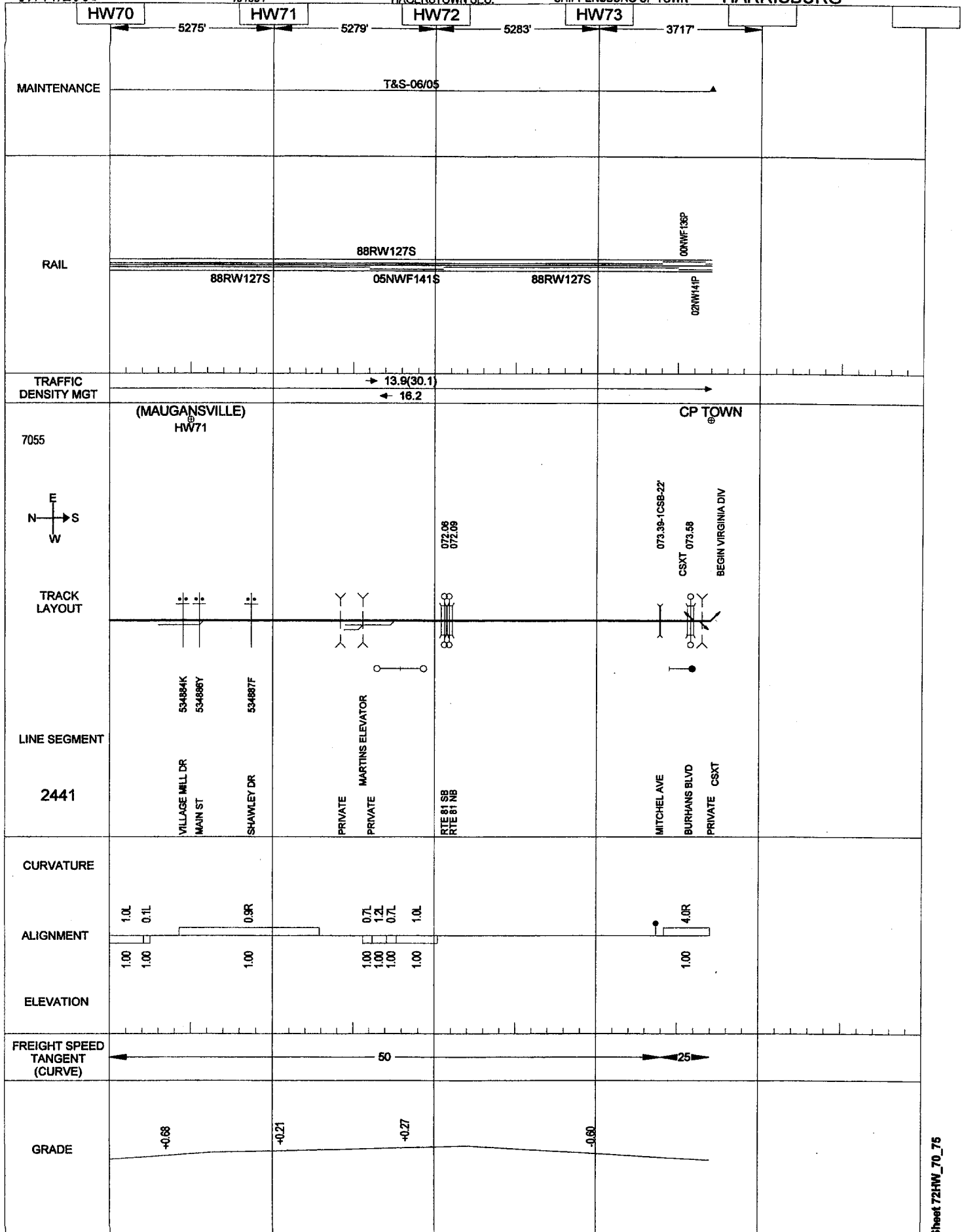
101331

213

HAGERSTOWN SEC.

SHIPPENSBURG-CP TOWN

HARRISBURG



07/11/2006

101331

214

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG

SI1

SI2

SI3

SI4

SI5

5280'

5280'

5281'

5207'

5332'

MAINTENANCE

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

RAIL

48U130S
99RW131S
48U130S
99RW131S

**NJ100S
**NJ100S

**NJ100S
**NJ100S

TRAFFIC
DENSITY MGT

→ 4.8(9.0)
← 4.2

→ 4.9(9.1)
← 4.2

→ 2.0(3.3)
← 1.3

CP STELL

(LEMOYNE)

CAMP

CAMP HILL

SHIREMANSTOWN

7039

E
N → S
W

TRACK
LAYOUT

LINE SEGMENT

2444

SI-0.50=EP-68.05

001.56

001.69

002.81

002.84

SI-3.35/LG-2.90

003.91

003.93

ST JOHNS CHURCH
517837M

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

0.00

+0.35

+0.81

-0.11

+0.41

07/11/2006

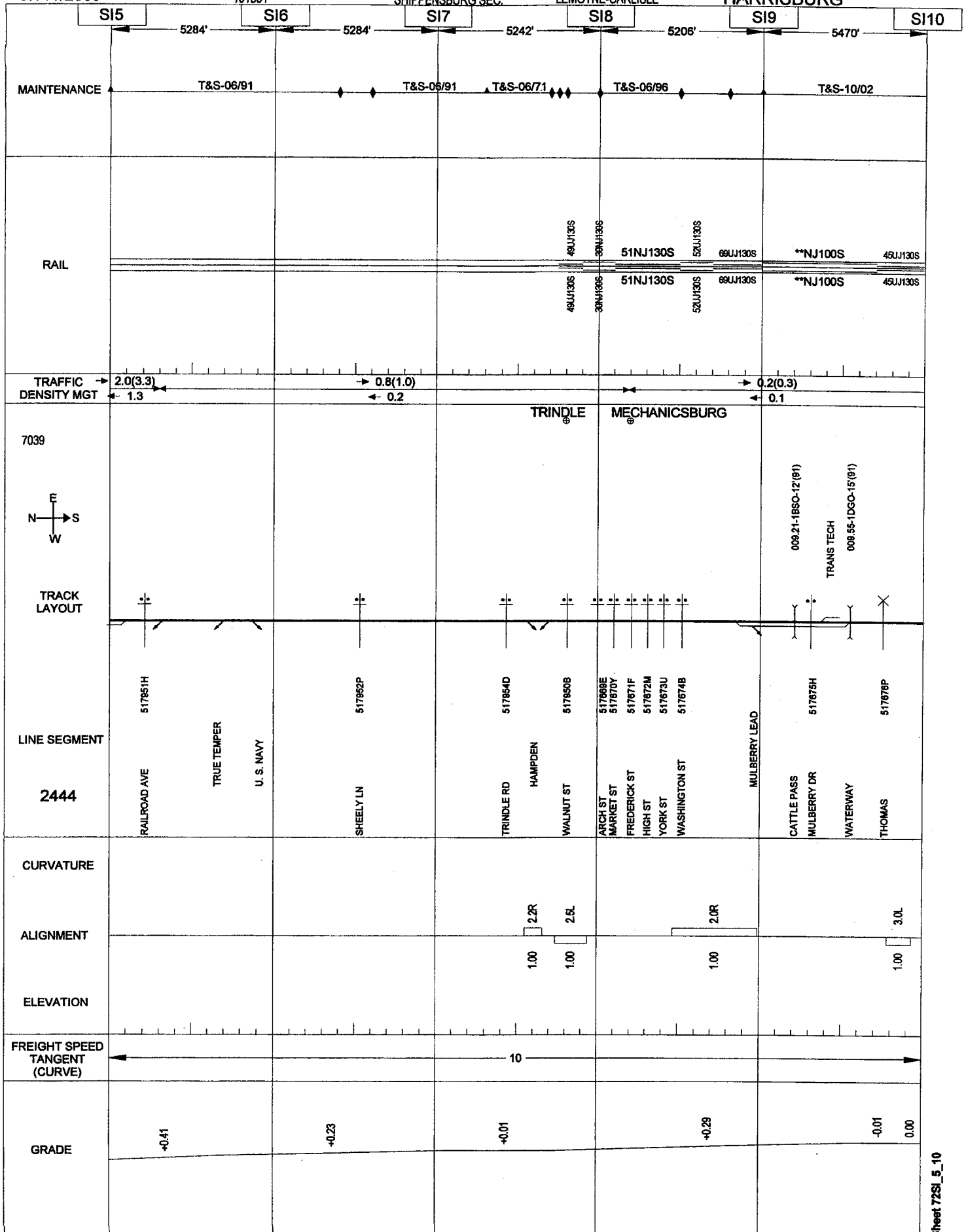
101331

215

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



07/11/2006

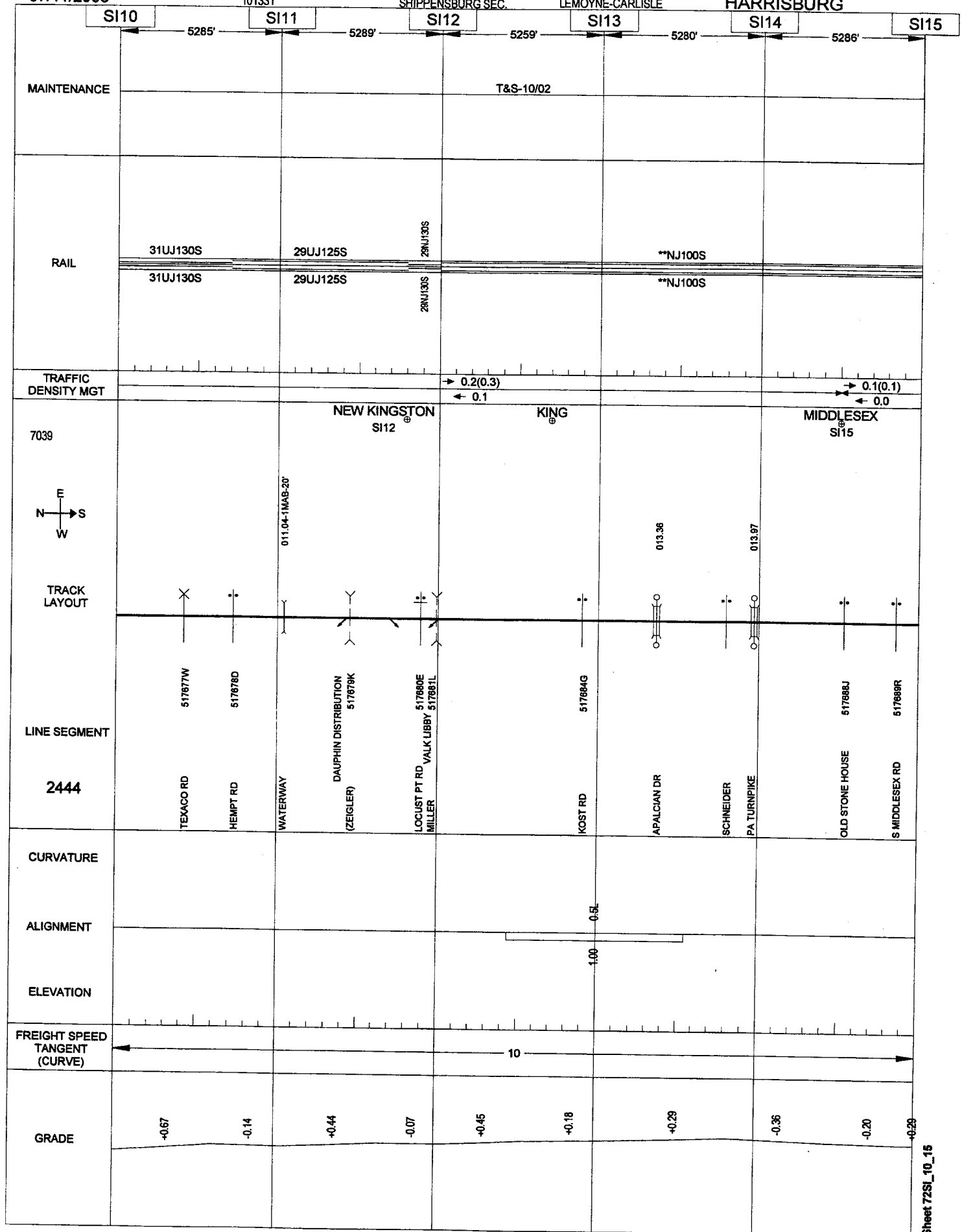
101331

216

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



07/11/2006

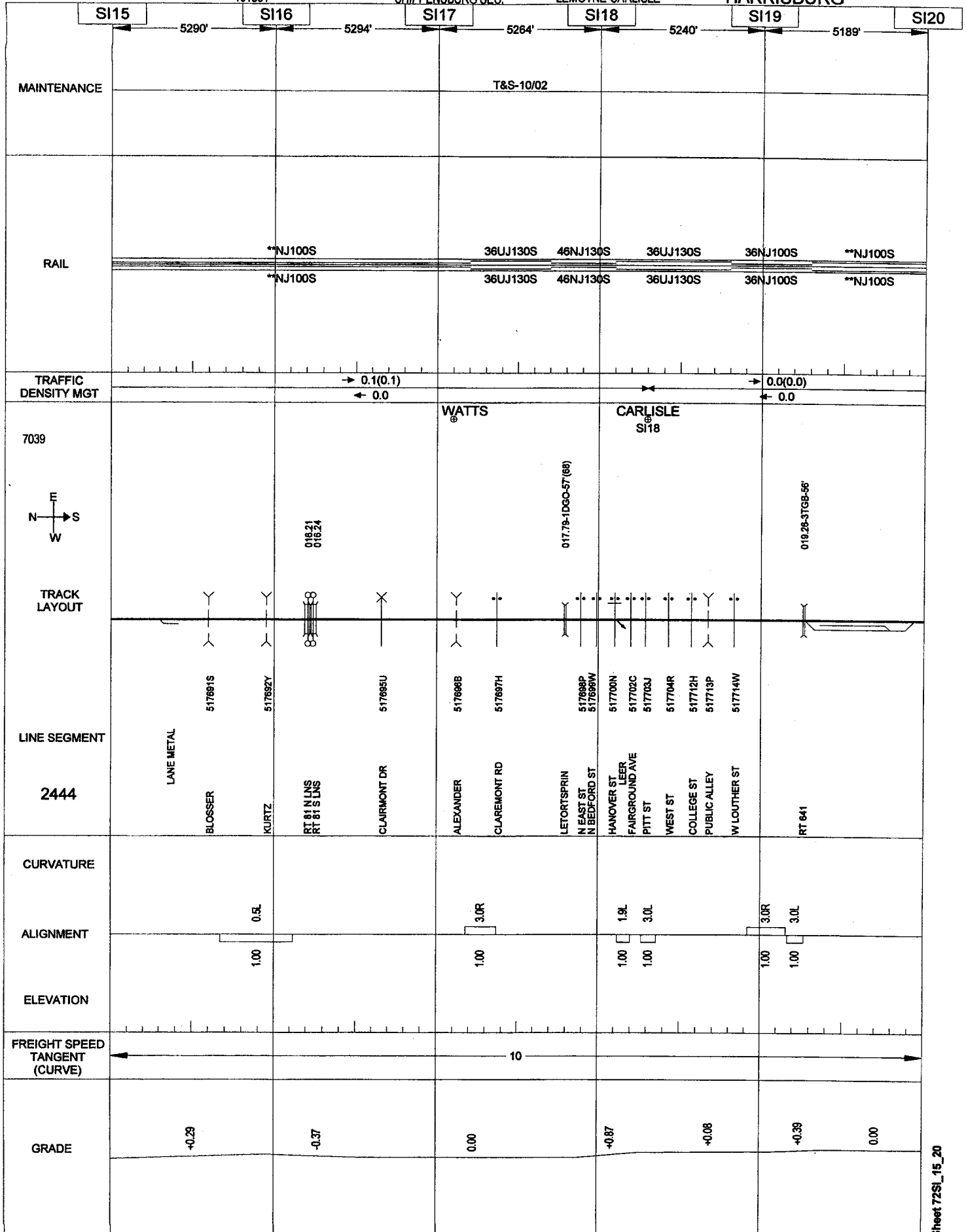
101331

217

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



07/11/2006

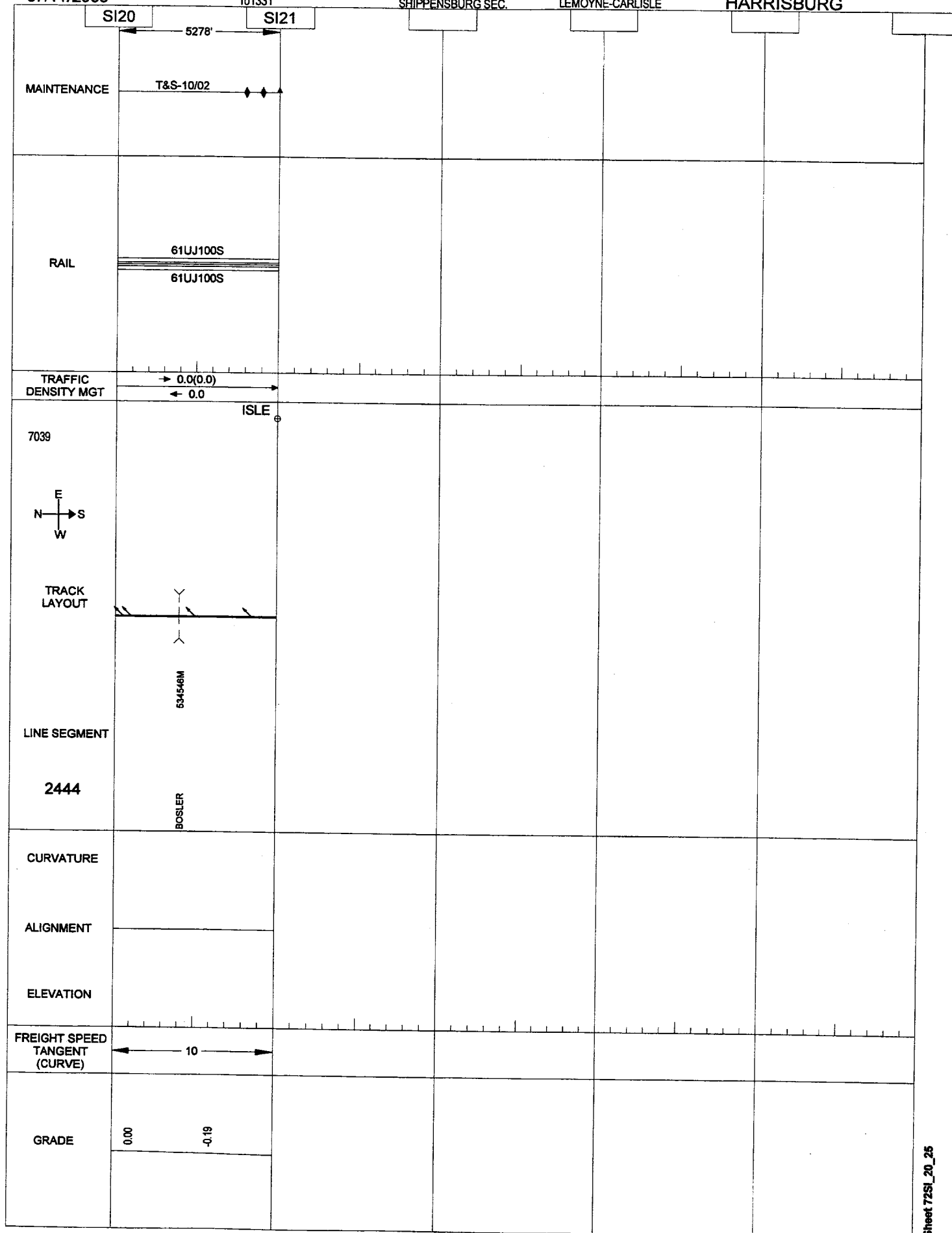
101331

218

SHIPPENSBURG SEC.

LEMOYNE-CARLISLE

HARRISBURG



07/11/2006

100315

219

GETTYSBURG I.T.

CARL-MT. HOLLY SPRINGS

HARRISBURG

UH7

5280'

4752'

MAINTENANCE

T&S-06/72

RAIL

70NJ130S

70NJ130S

TRAFFIC
DENSITY MGT

8134

TRACK
LAYOUTCP CARL
PT21

(MT HOLLY SPGS)

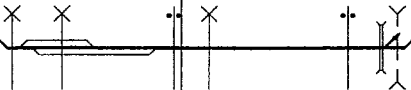
UH-630-LG-21.18

007.80-1DGO-57(87)

TO GETTYSBURG RR

LINE SEGMENT

2651



593362X

593361R

593363E

593364L

PRIVATE

PRIVATE

PINE

MOUNTAIN

BALTIMORE AVE-SR 34

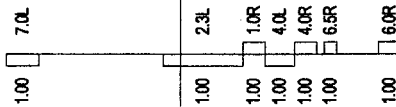
TAIL RACE

DIKEMAN

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.21

+0.40

07/11/2006

100307

220

CHESTER VALLEY R.T.

ACKWORTH-DOWNTOWN

HARRISBURG

VR20

5280'

T&S-06/88

RAIL

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

TRAFFIC
DENSITY MGT

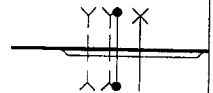
8138

S
E → W
N

TRACK
LAYOUT

(ACKWORTH)

019.63



588875P
588874H

PRIVATE
BRADFORD HILLS
CONVEYOR
ACKWORTH RD

LINE SEGMENT

2339

CURVATURE

ALIGNMENT

ELEVATION

2.3R
1.00

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.22
0.00

07/11/2006

100307

221

CHESTER VALLEY R.T.

ACKWORTH-DOWNINGTOWN

HARRISBURG

VR20

VR21

5280'

2640'

MAINTENANCE

T&S-06/88

RAIL

73NJ130S

**NJ080S

73NJ130S

**NJ080S

TRAFFIC
DENSITY MGT

8138

TRACK
LAYOUT

(DOWNINGTOWN)

021.11

VR-21.50=PT-31.50

LINE SEGMENT

2339

CHESTNUT STREET

CURVATURE

ALIGNMENT

2.3R

3.0R

5.0L

2.0R

5.0L

10.0R

1.00

1.00

1.00

1.00

1.00

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.85

0.00

07/11/2006

101323

222

PARKSBURG I.T.

PARK-GIANT

HARRISBURG

GG0

GG1

5195'

5283'

MAINTENANCE

T&S-06/84
S-06/87

RAIL

79NW132S

79NW132S

TRAFFIC
DENSITY MGT

7007

PARK (PARKESBURG)
GG0S
E
N
WTRACK
LAYOUT

GG-0.0=PT-43.97

000.15-1TGO-28' (70)

000.32
000.40

000.70

GREEN GIANT

LINE SEGMENT

486

CULVERT ST

E BRIDGE ST
W BRIDGE ST

AMTRAK RR

CURVATURE

ALIGNMENT

3.4L

3.4R

1.00

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

30

10

GRADE

-0.09

-0.30

07/11/2006

101333

223

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→ 0.0(0.1)
← 0.1

7007

RANCKS
HZ27(NEW HOLLAND)
HZ28TRACK
LAYOUT

AGWAY

LINE SEGMENT

2396

NEW COURT

517785G

923343G

517783T

517782L

517781E

517780X

517780D

517780W

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

ELEVATION

2.0L
1.004.5R
1.501.9L
1.000.3L
1.002.6R
1.001.0R
1.00FREIGHT SPEED
TANGENT
(CURVE)

10

30

GRADE

-0.24

-0.31

-0.30

-0.21

07/11/2006

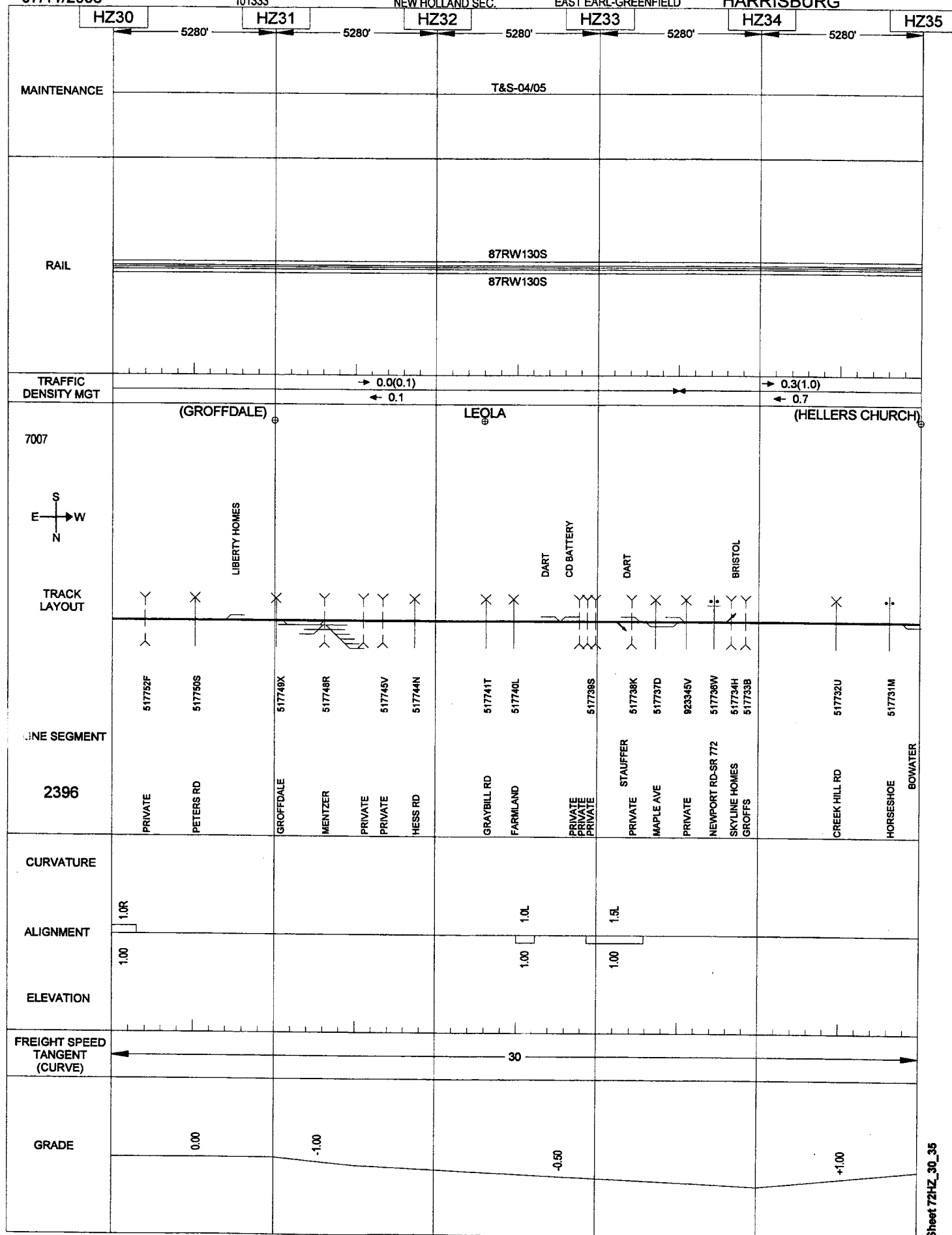
101333

224

NEW HOLLAND SEC.

EAST EARL-GREENFIELD

HARRISBURG



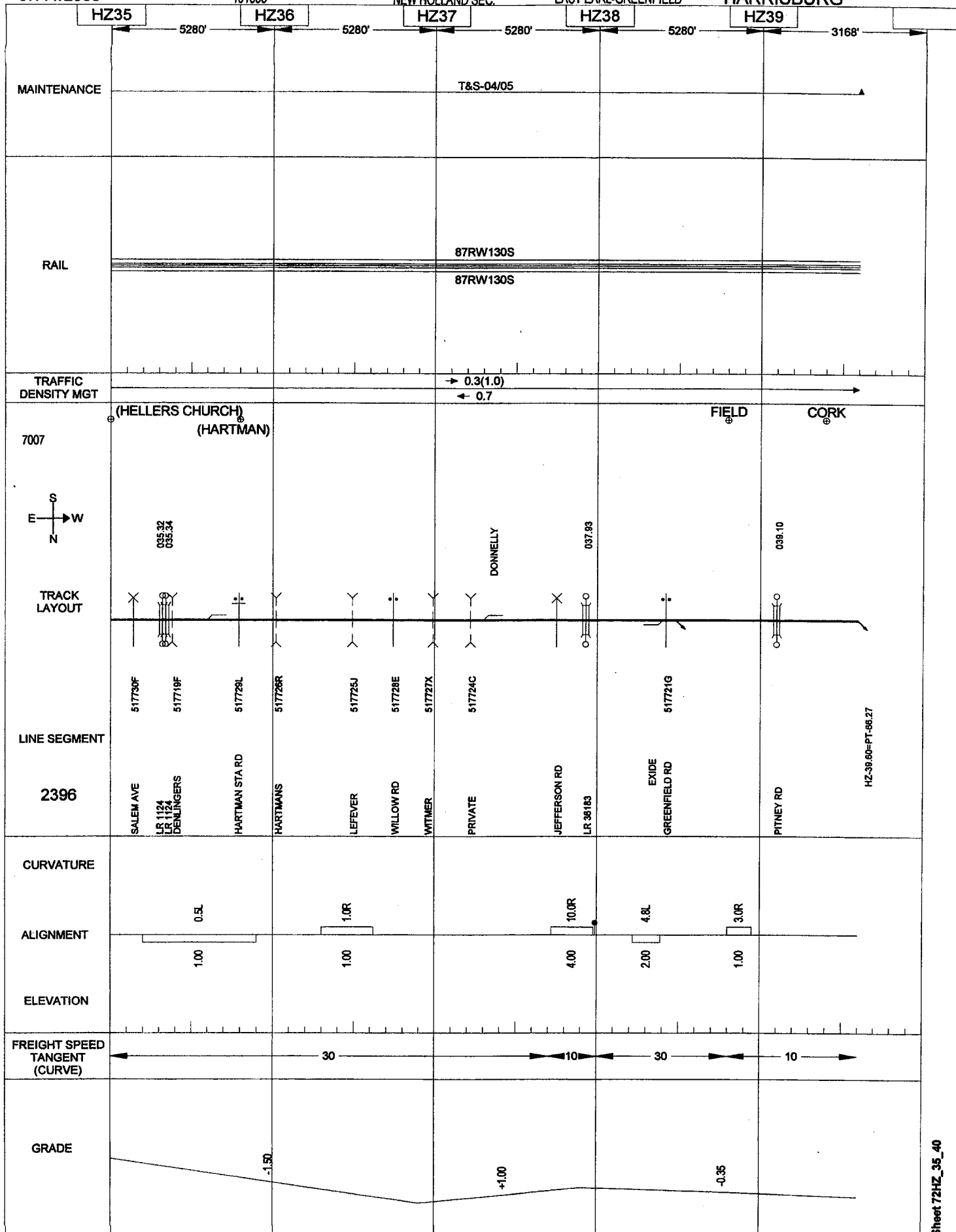
07/11/2006

101333

225
NEW HOLLAND SEC.

EAST EARL-GREENFIELD

HARRISBURG



07/11/2006

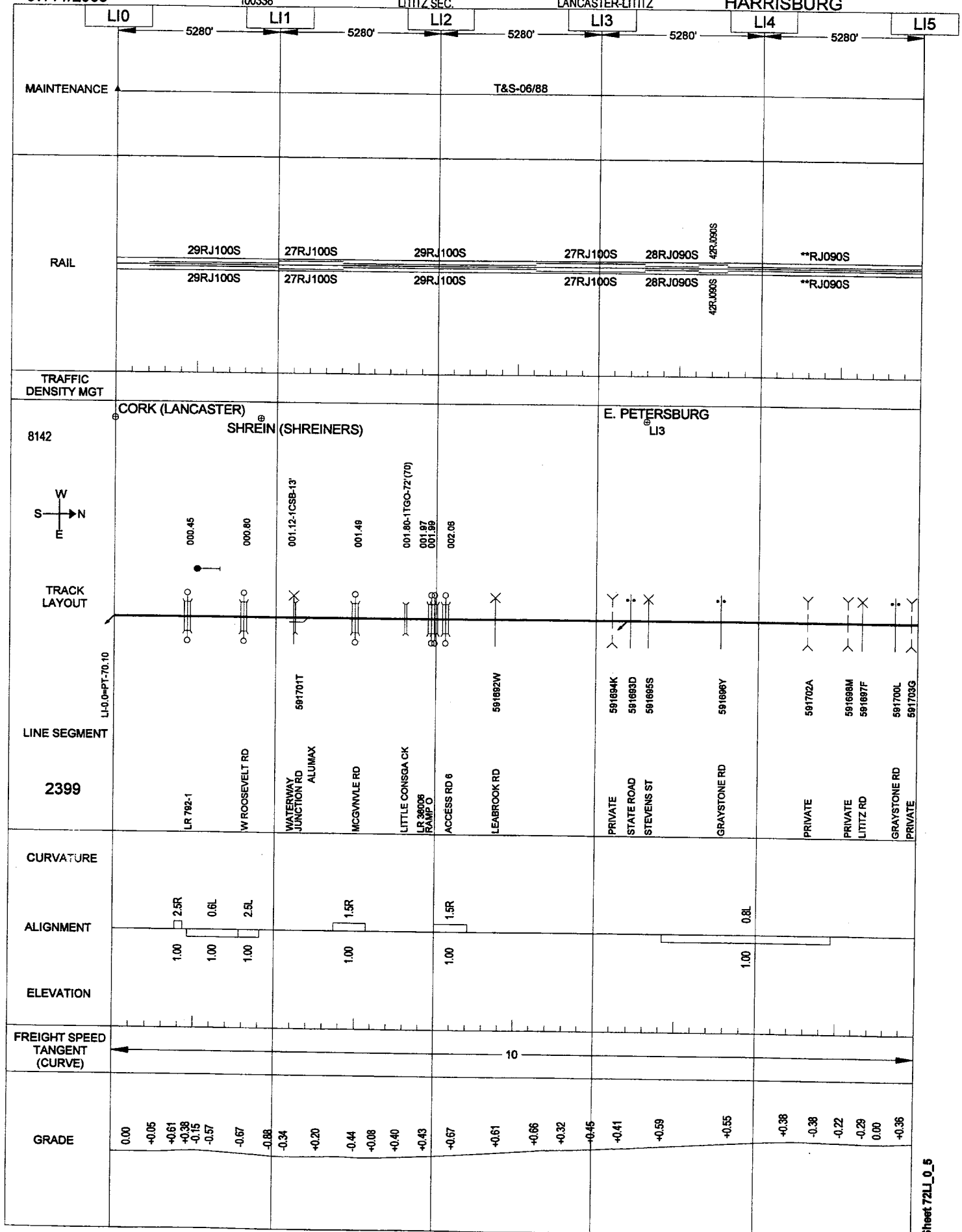
100338

226

LITITZ SEC.

LANCASTER-LITITZ

HARRISBURG



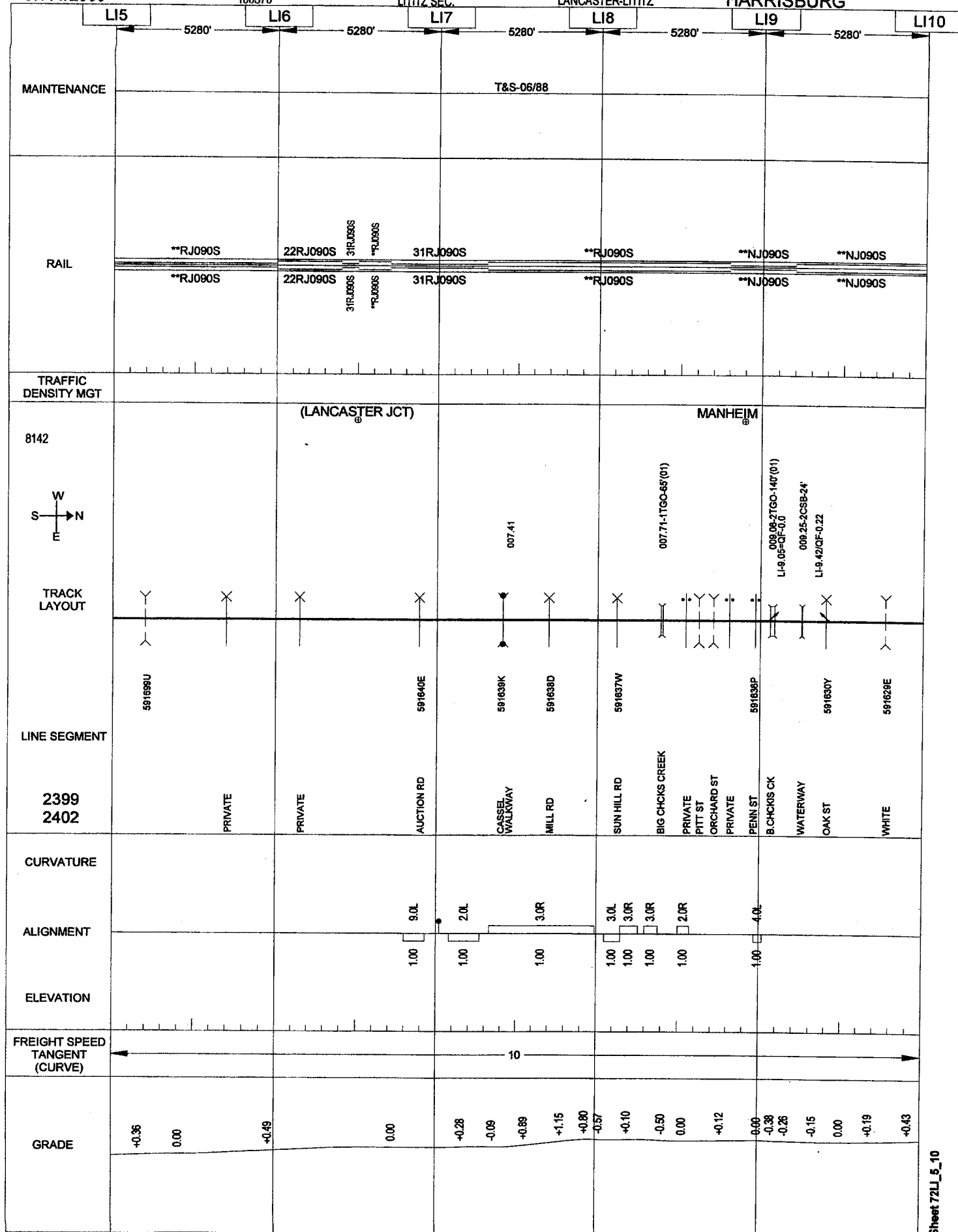
07/11/2006

100370

227
LITITZ SEC.

LANCASTER-LITITZ

HARRISBURG



07/11/2006

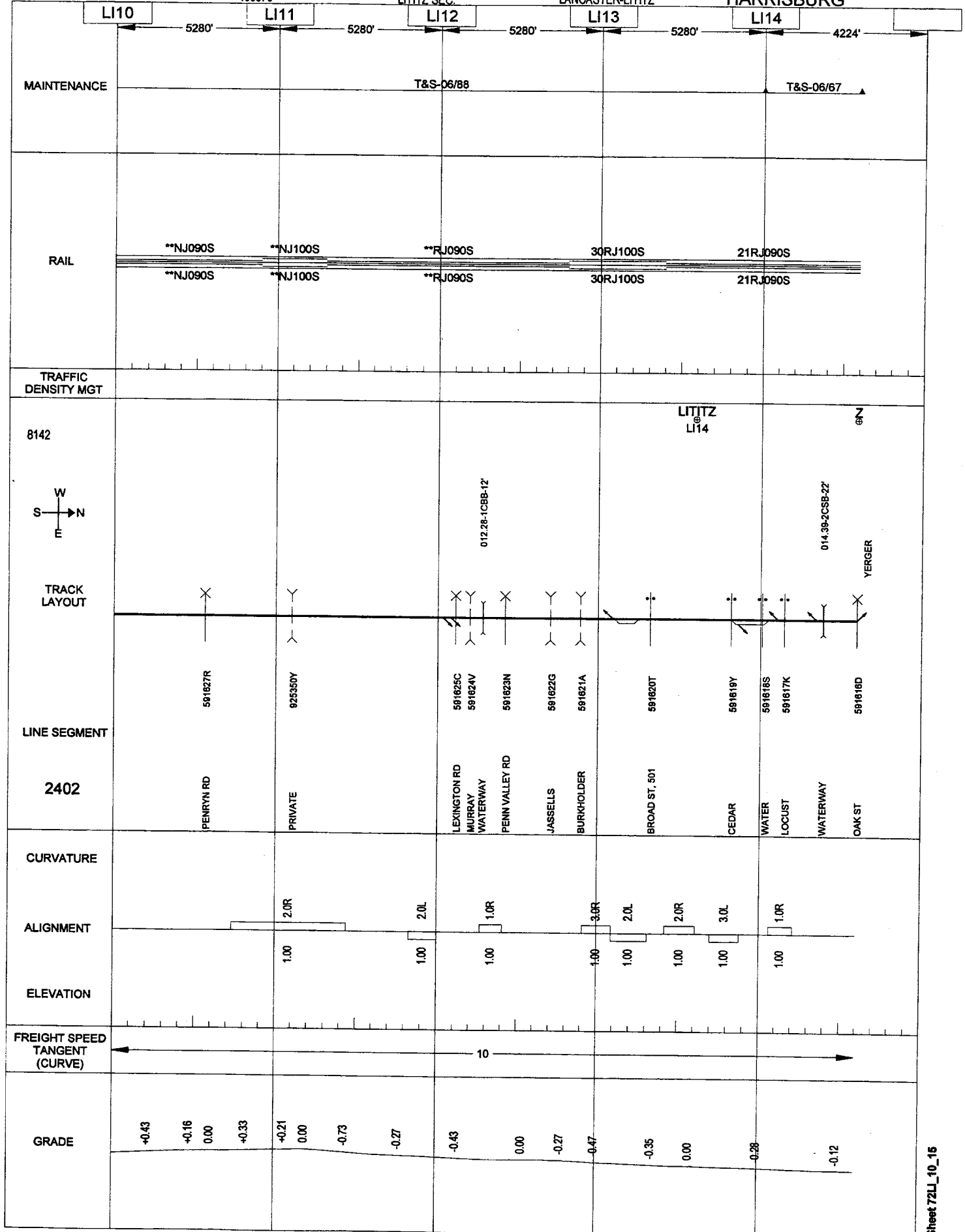
100370

228

LITITZ SEC.

LANCASTER-LITITZ

HARRISBURG



07/11/2006

100385

229
MT. HOPE I.T.

MANHEIM

HARRISBURG

	QF0	5280'					
MAINTENANCE							
RAIL	**NJ090S **NJ090S						
TRAFFIC DENSITY MGT							
8142	MANHEIM						
LINE SEGMENT	2594						
CURVATURE							
ALIGNMENT	5.9L						
ELEVATION	1.00						
FREIGHT SPEED TANGENT (CURVE)	← 10 →						
GRADE	+0.09						

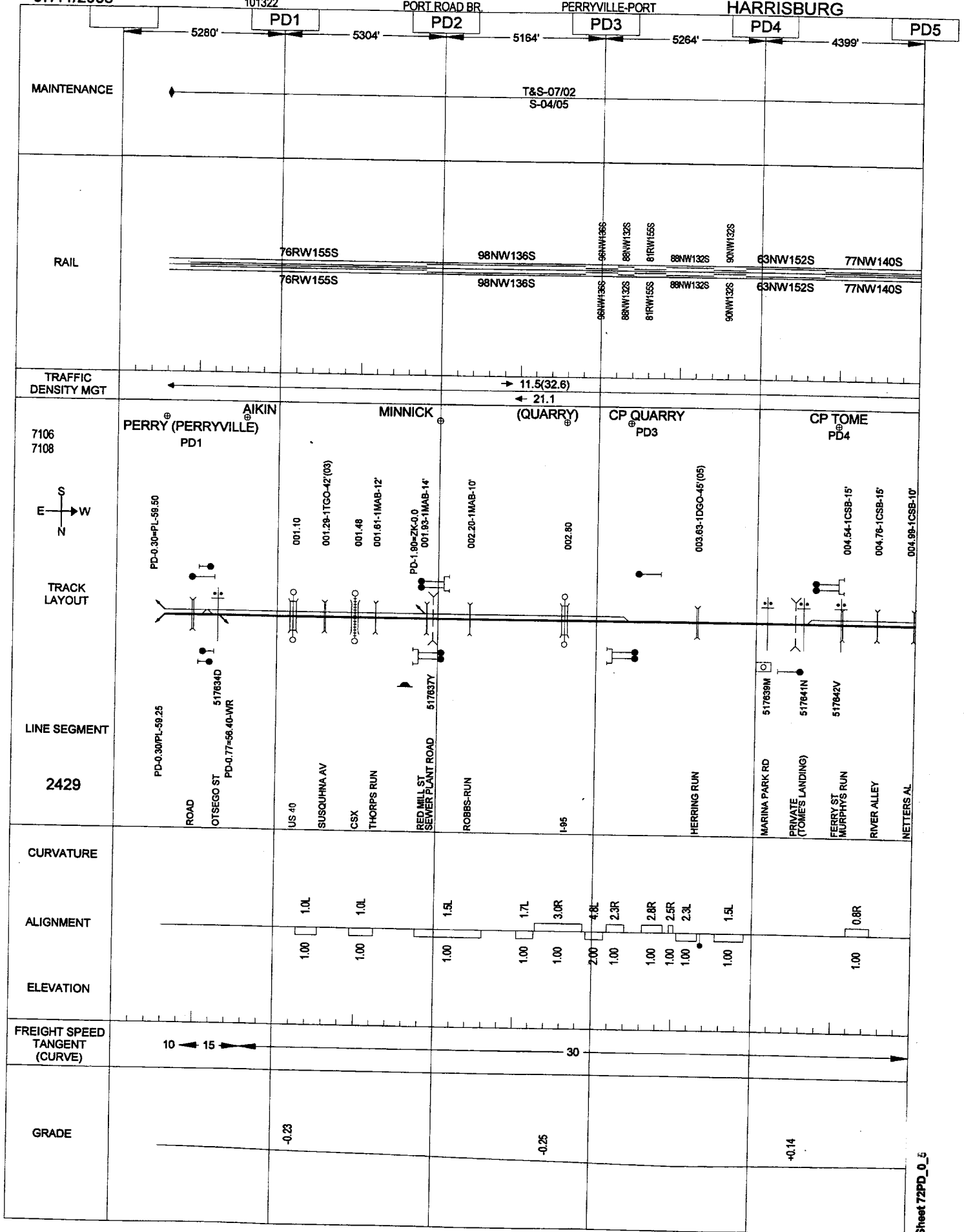
07/11/2006

230

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



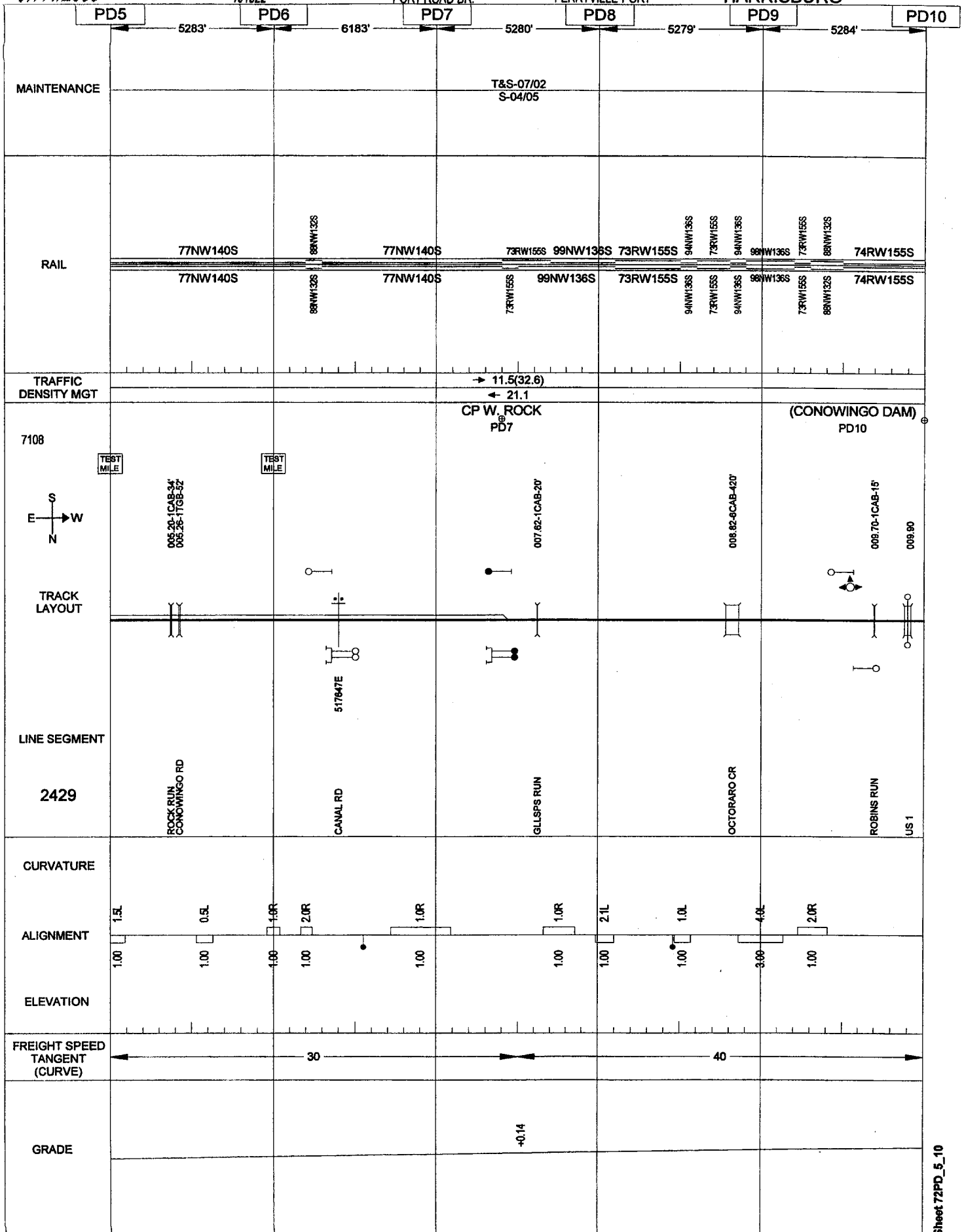
07/11/2006

101322

231
PORT ROAD BR.

PERRYVILLE-PORT

HARRISBURG



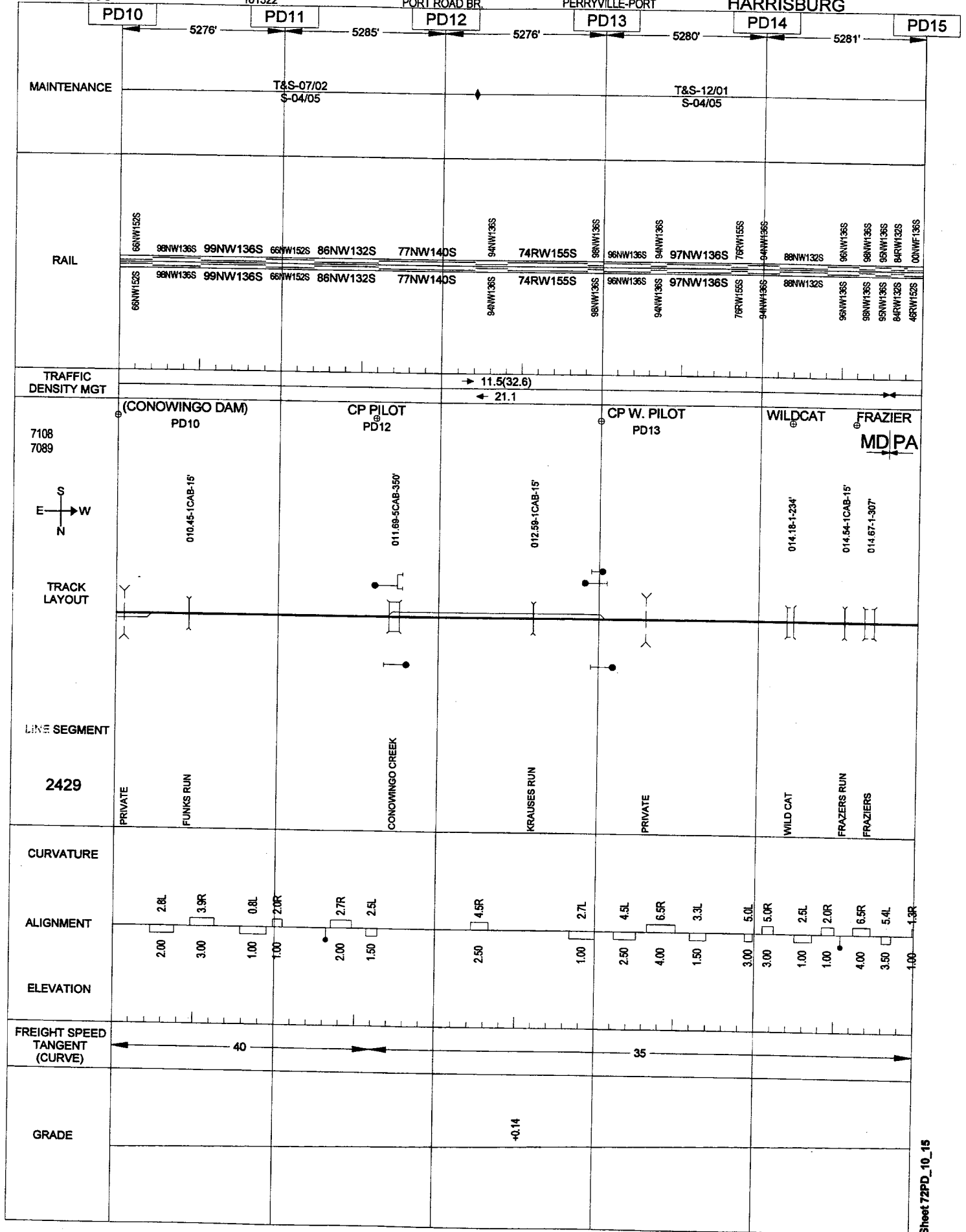
07/11/2006

101322

232
PORT ROAD BR.

PERRYVILLE-PORT

HARRISBURG



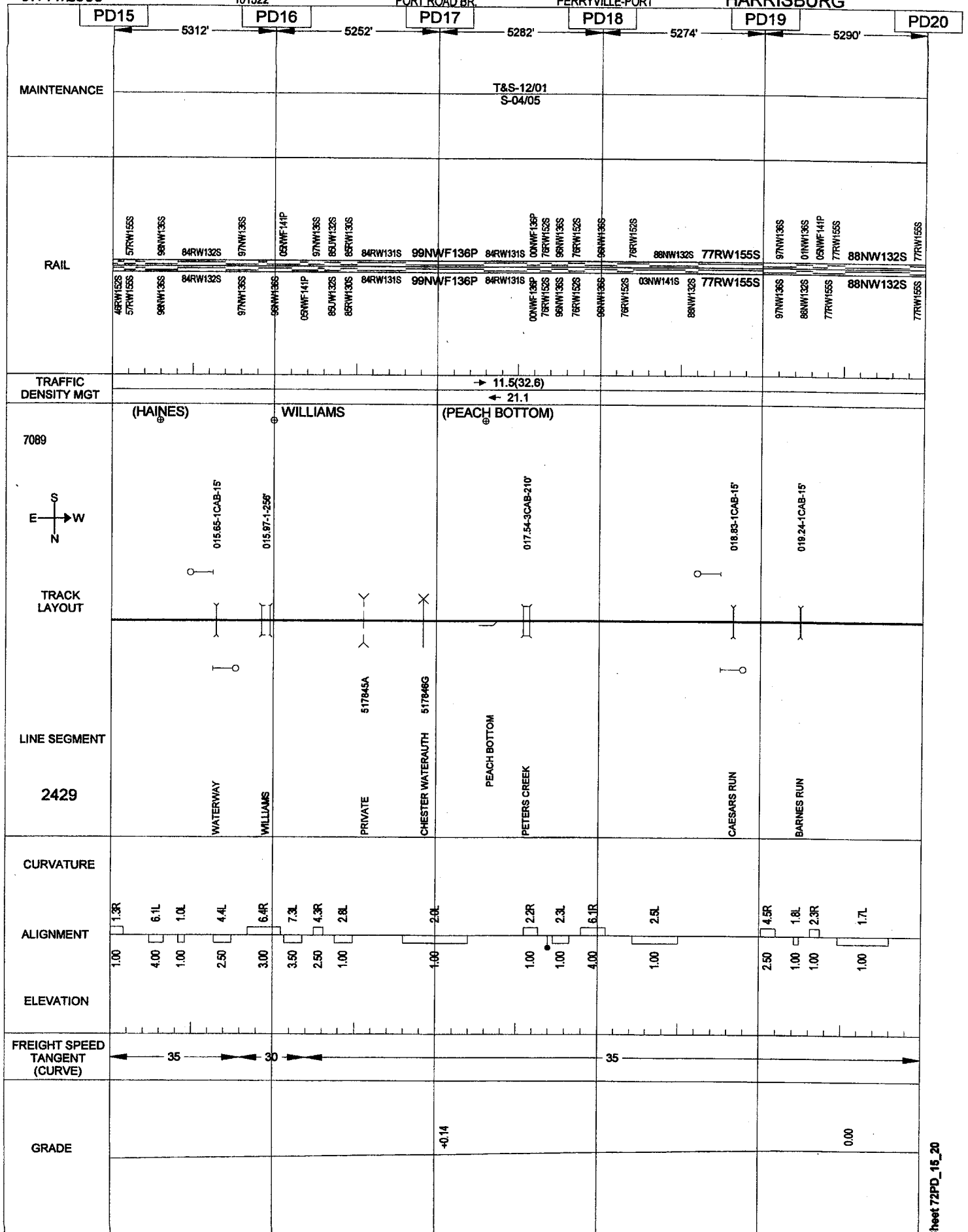
07/11/2006

101322

233
PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



07/11/2006

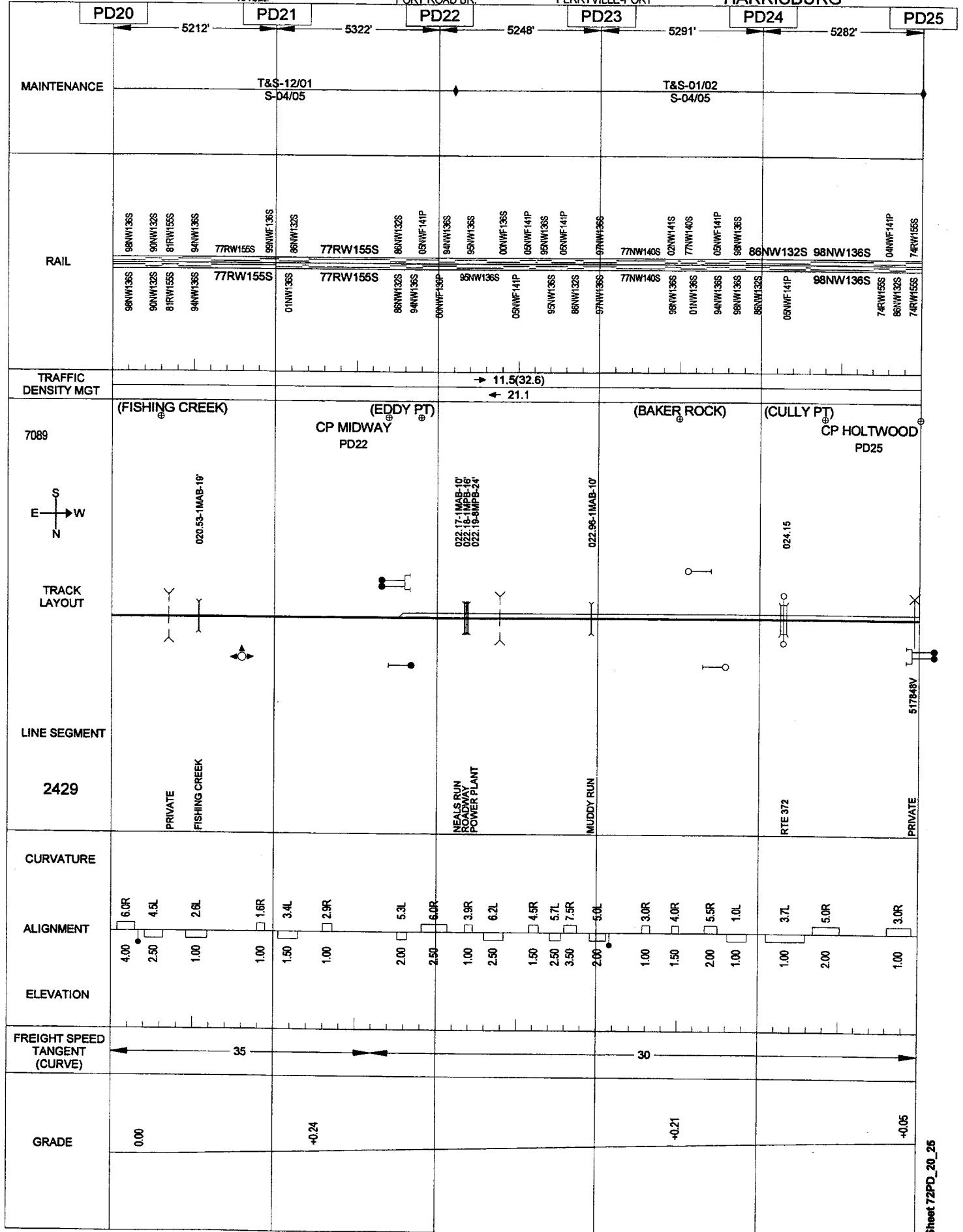
101322

234

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



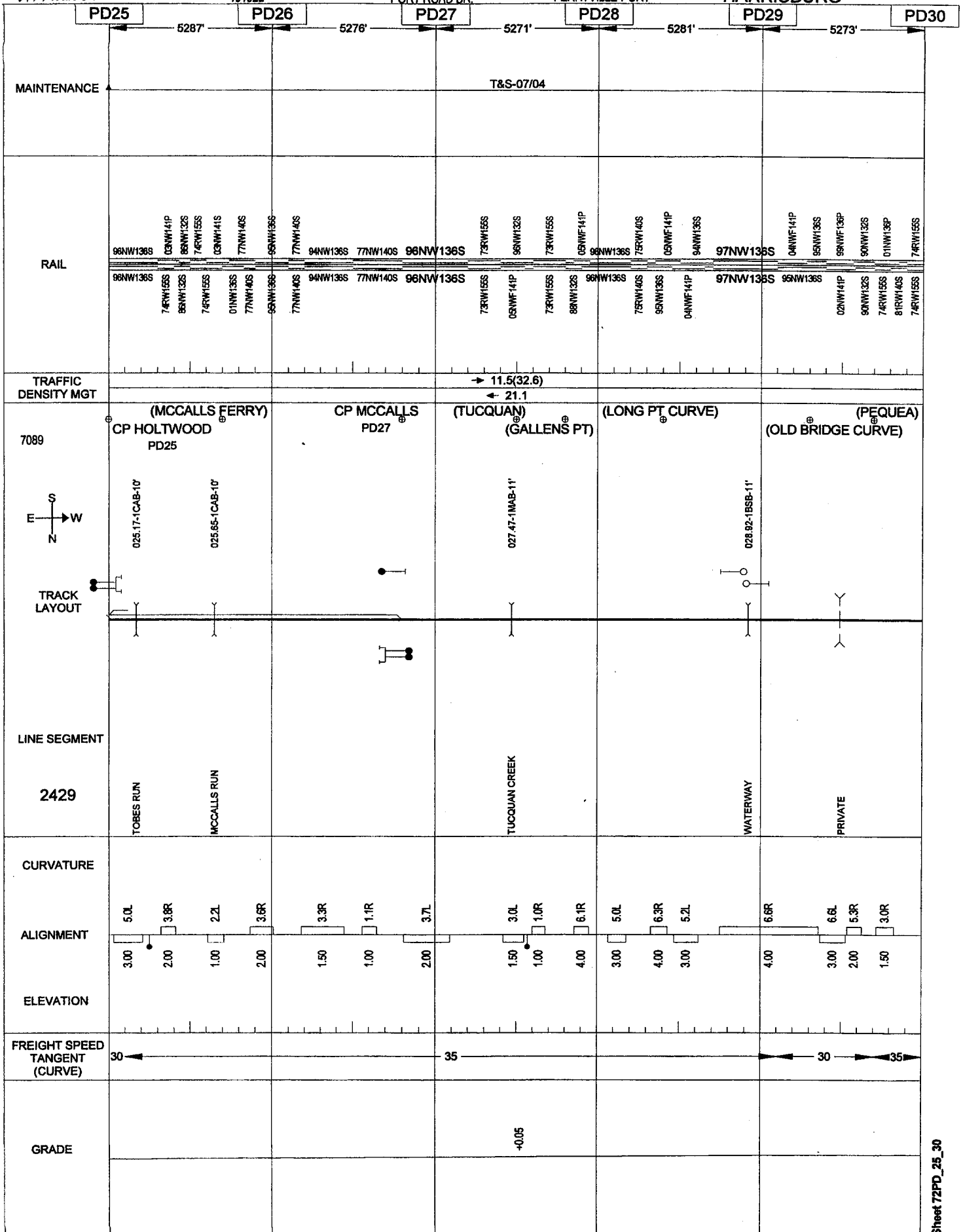
07/11/2006

101322

235
PORT ROAD BR.

PERRYVILLE-PORT

HARRISBURG



07/11/2006

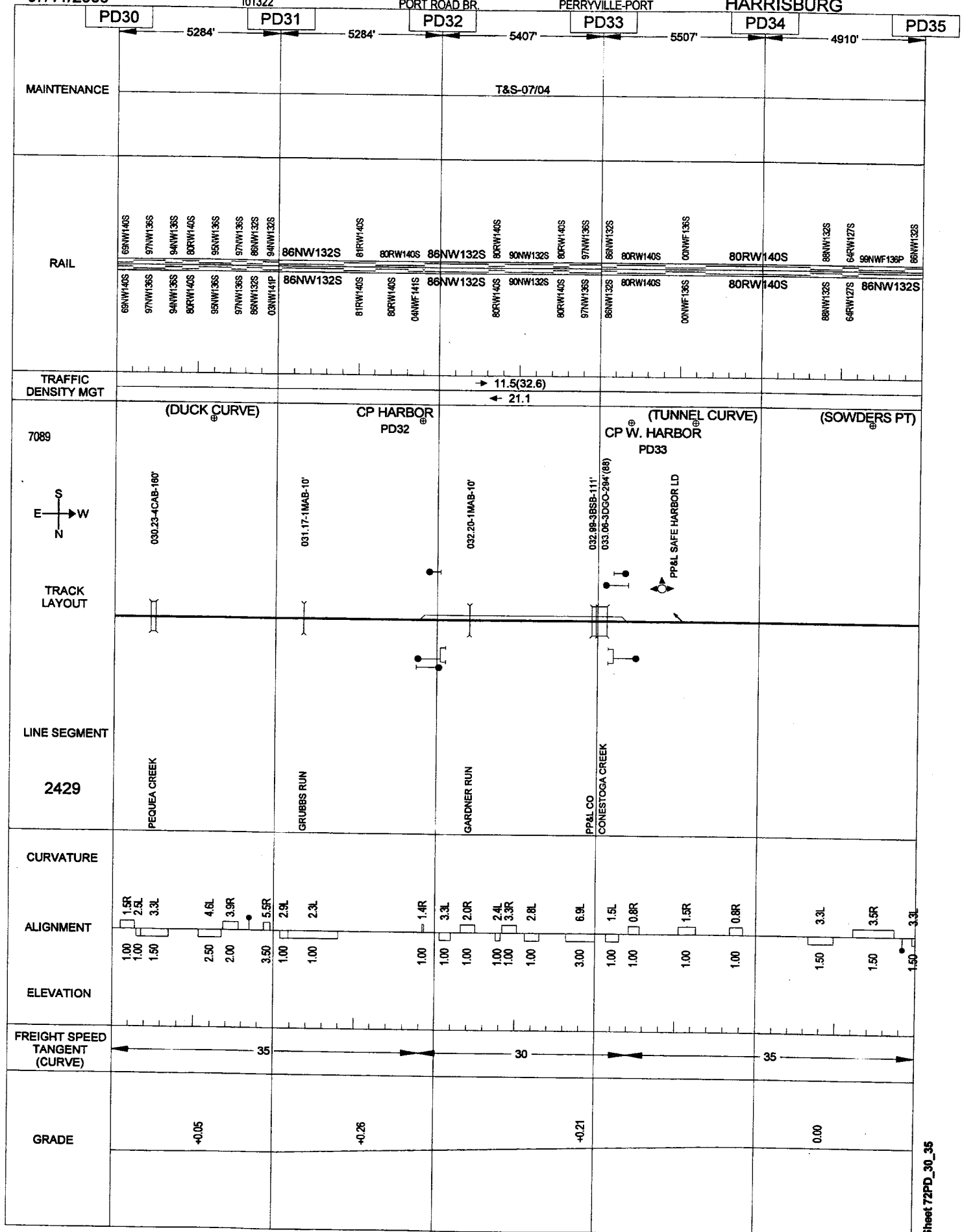
101322

236

PORT ROAD BR

PERRYVILLE-PORT

HARRISBURG



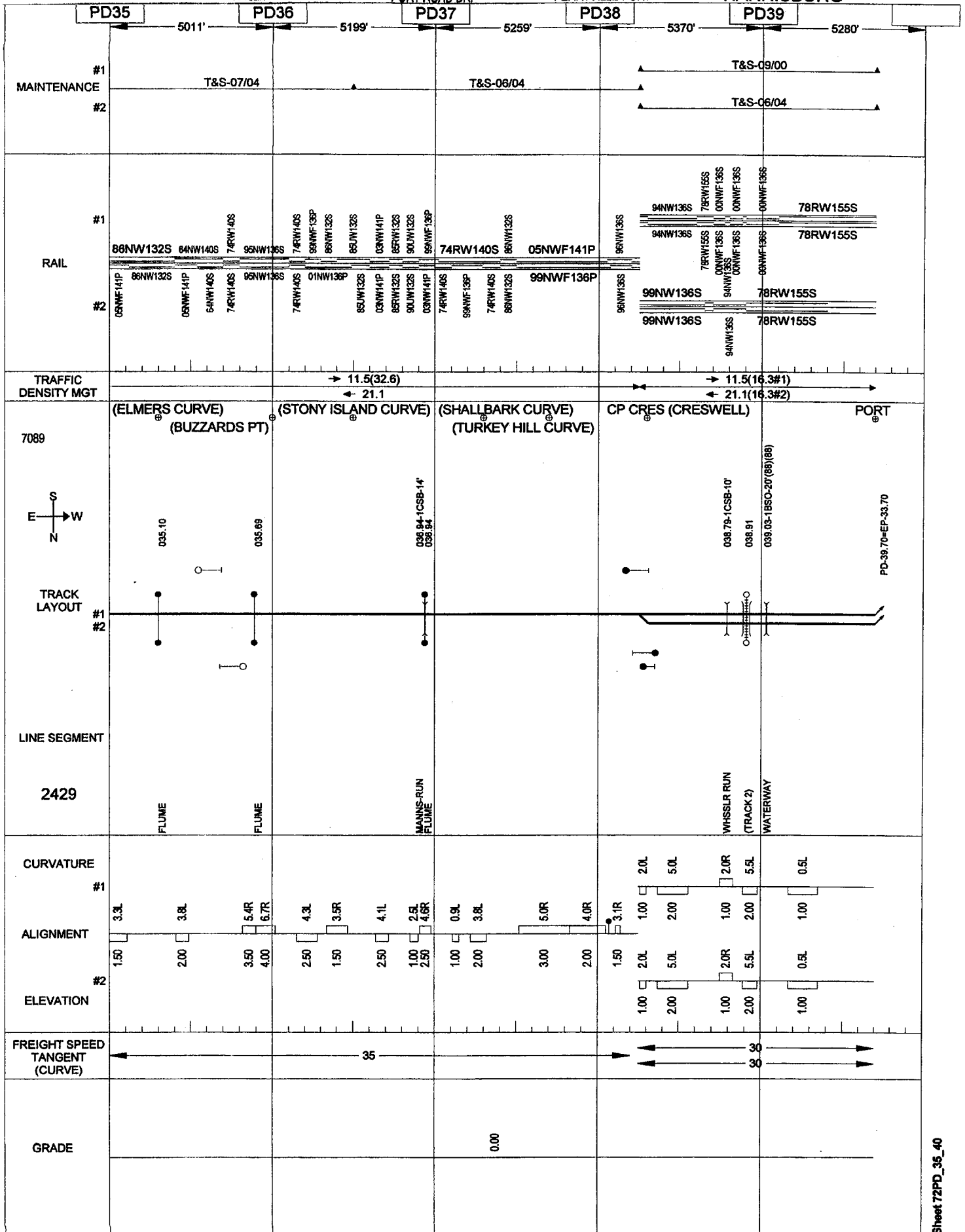
07/11/2006

237

PORT ROAD BR.

PERRYVILLE-PORT

HARRISBURG



07/11/2006

101323

238

PORT ROAD BR.

PORT-WAGO JCT

HARRISBURG

EP34

EP35

5280'

5278'

T&S-04/04

T&S-05/04

#1

MAINTENANCE

#2

#1

RAIL

#2

78NW140S

86NW132S

78NW140S

78NW140S

86NW132S

78NW140S

77NW140S

78NW132S

78NW132S

77NW140S

TRAFFIC
DENSITY MGT

11.5(16.3#1)

21.1(16.3#2)

7007

S
E → W
N

TRACK
LAYOUT#1
#2

LINE SEGMENT

2414

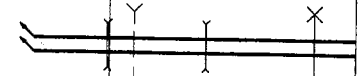
PORT

(WASHINGTON BORO)

EP-33.70=PD-39.70

033.99-1MAB-10'

034.39-1MAB-10'



518219L

518221M

BURDS RUN

BLUE ROCK RD

DRY RUN

PENN

CURVATURE

#1

ALIGNMENT

#2

ELEVATION

0.7R

1.00

0.7R

1.00

1.0L

1.00

1.0L

1.50

3.0R

2.00

3.0L

2.00

FREIGHT SPEED
TANGENT
(CURVE)

40

40

GRADE

-0.20

0.00

07/11/2006

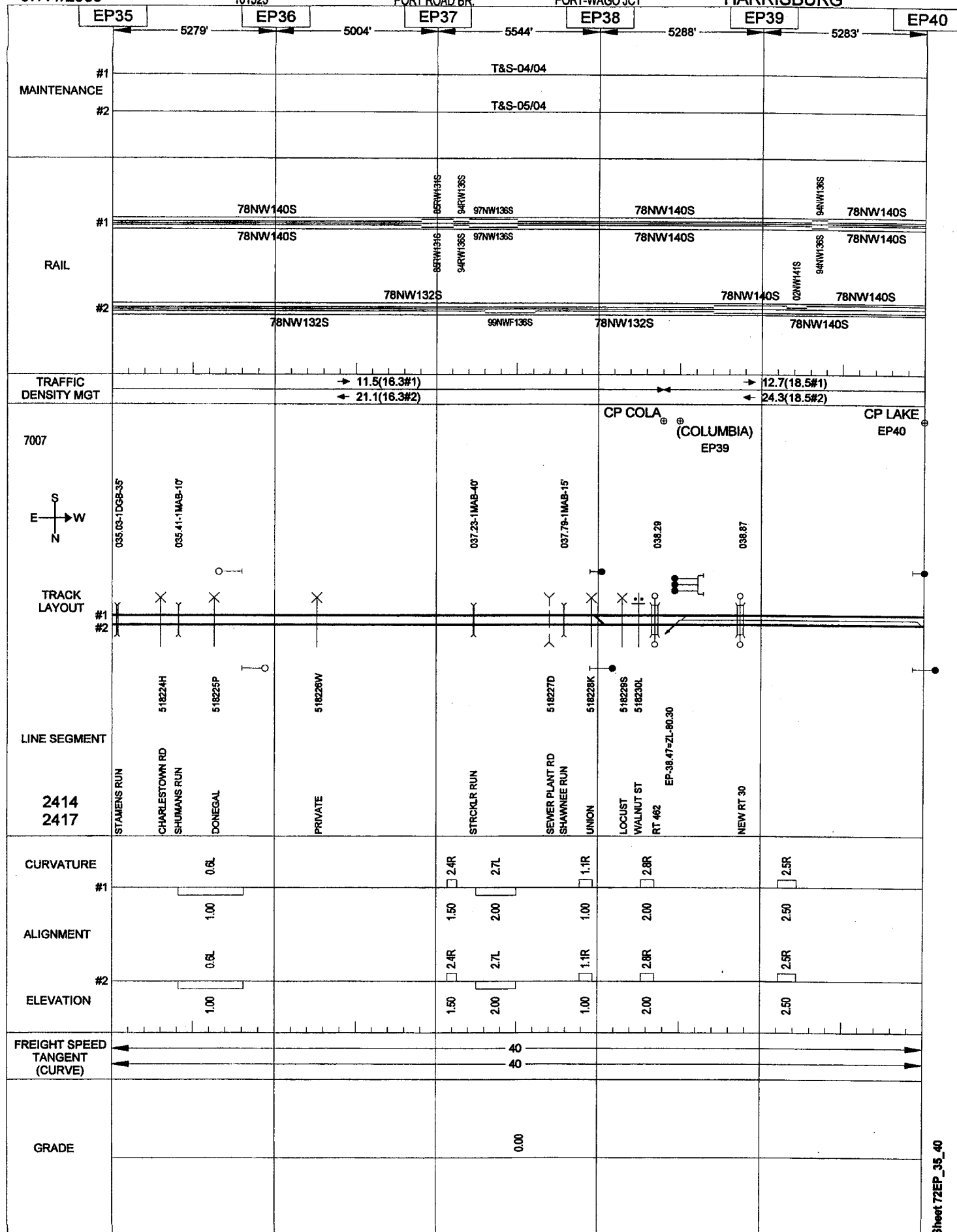
101323

239

PORT ROAD BR.

PORT-WAGO JCT

HARRISBURG



07/11/2006

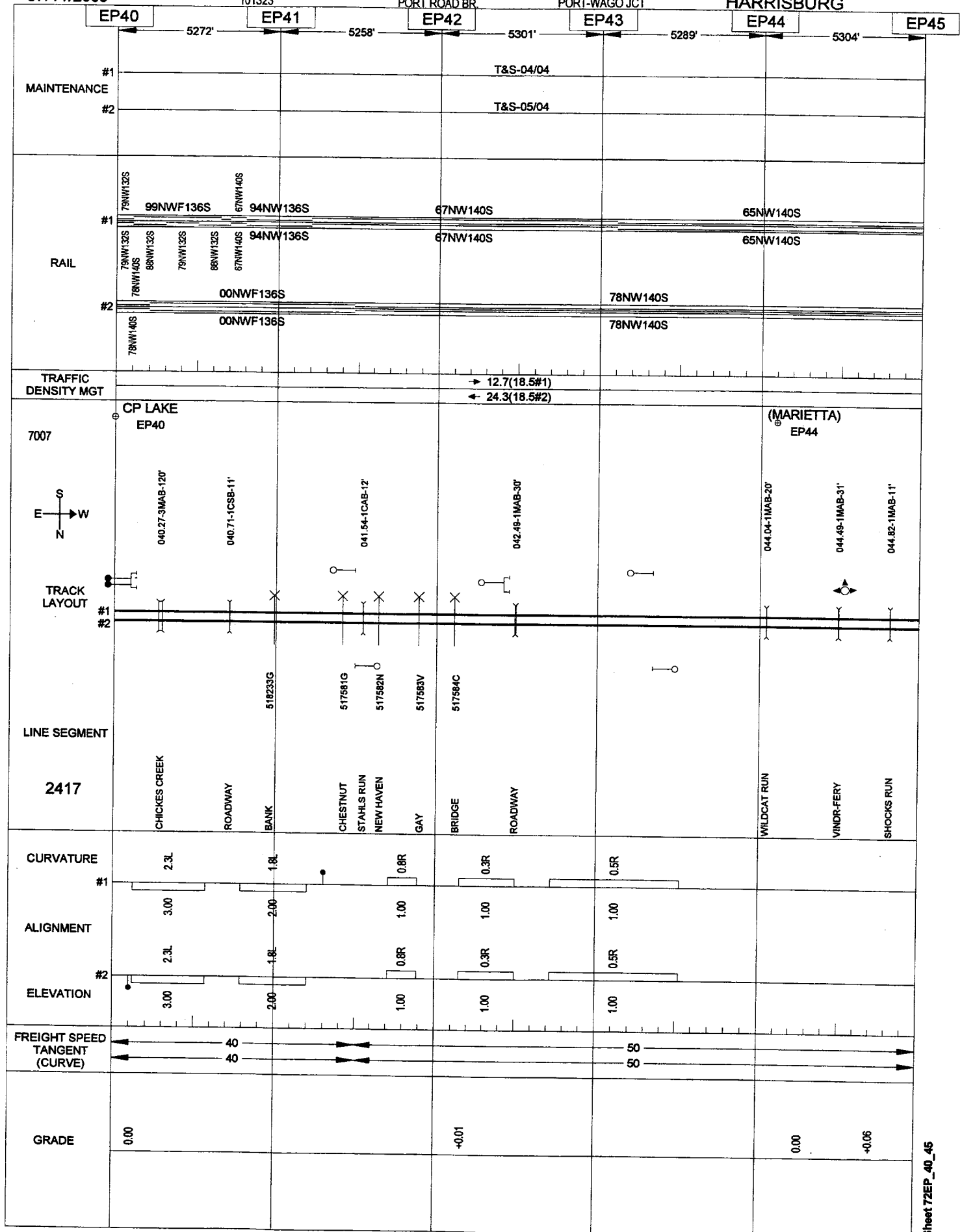
101323

240

PORT ROAD BR

PORT-WAGO JCT

HARRISBURG



07/11/2006

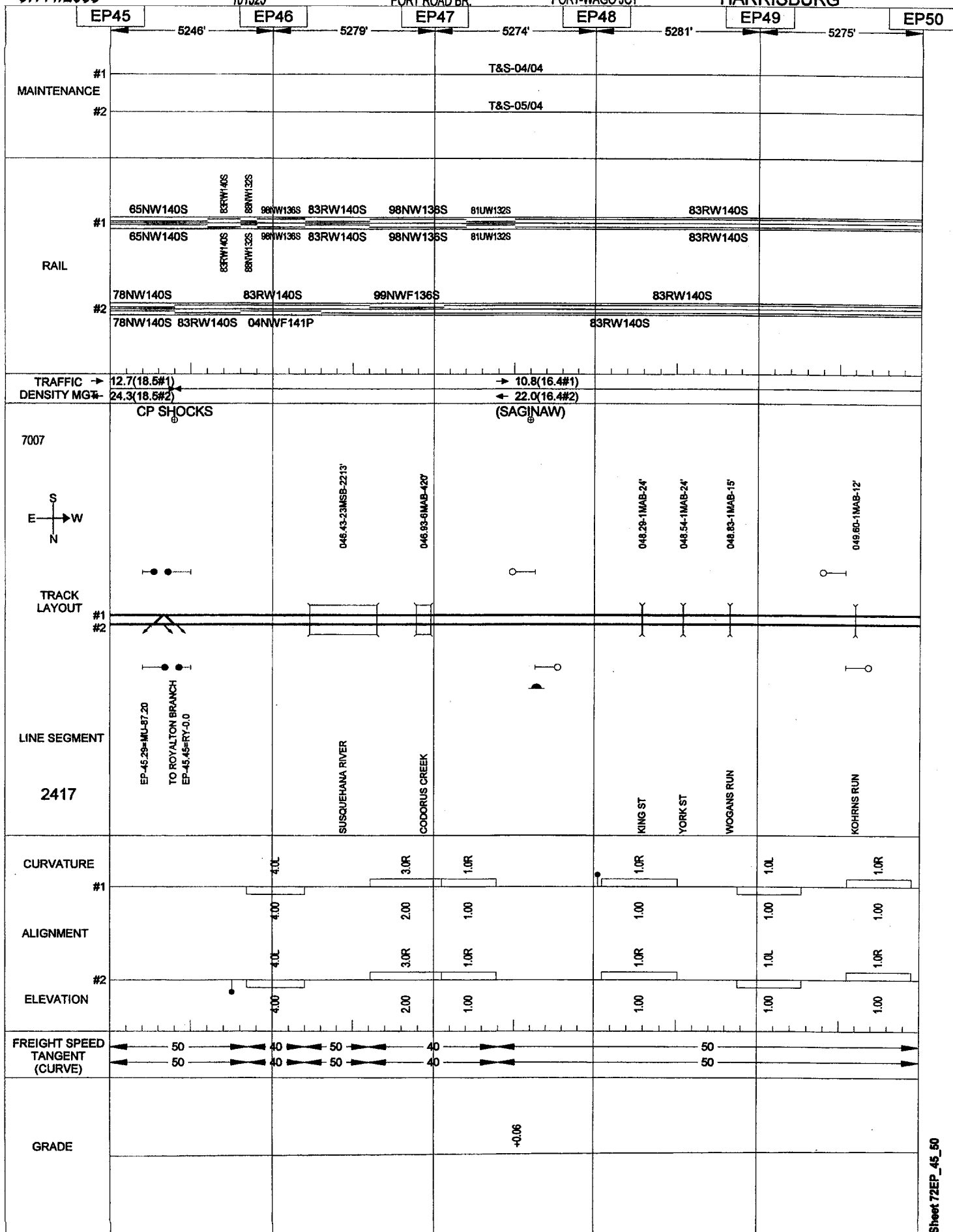
101323

241

PORT ROAD BR

PORT-WAGO JCT

HARRISBURG



HARRISBURG

EP60

5280'

T&S-08/02

#2

RAIL

TRAFFIC
DENSITY MGT

→ 12.8(21.0#1)
← 29.1(21.0#2)

7462

GOLD	(GOLDSBORO)
------	-------------

(RIVERVIEW)

TRACK LAYOUT

LINE SEGMENT

2420

CURVATURE

ALIGNMENT

ELEVATION

**FREIGHT SPEED
TANGENT
(CURVE)**

GRADE

+0.07

Sheet 72EP_55_60

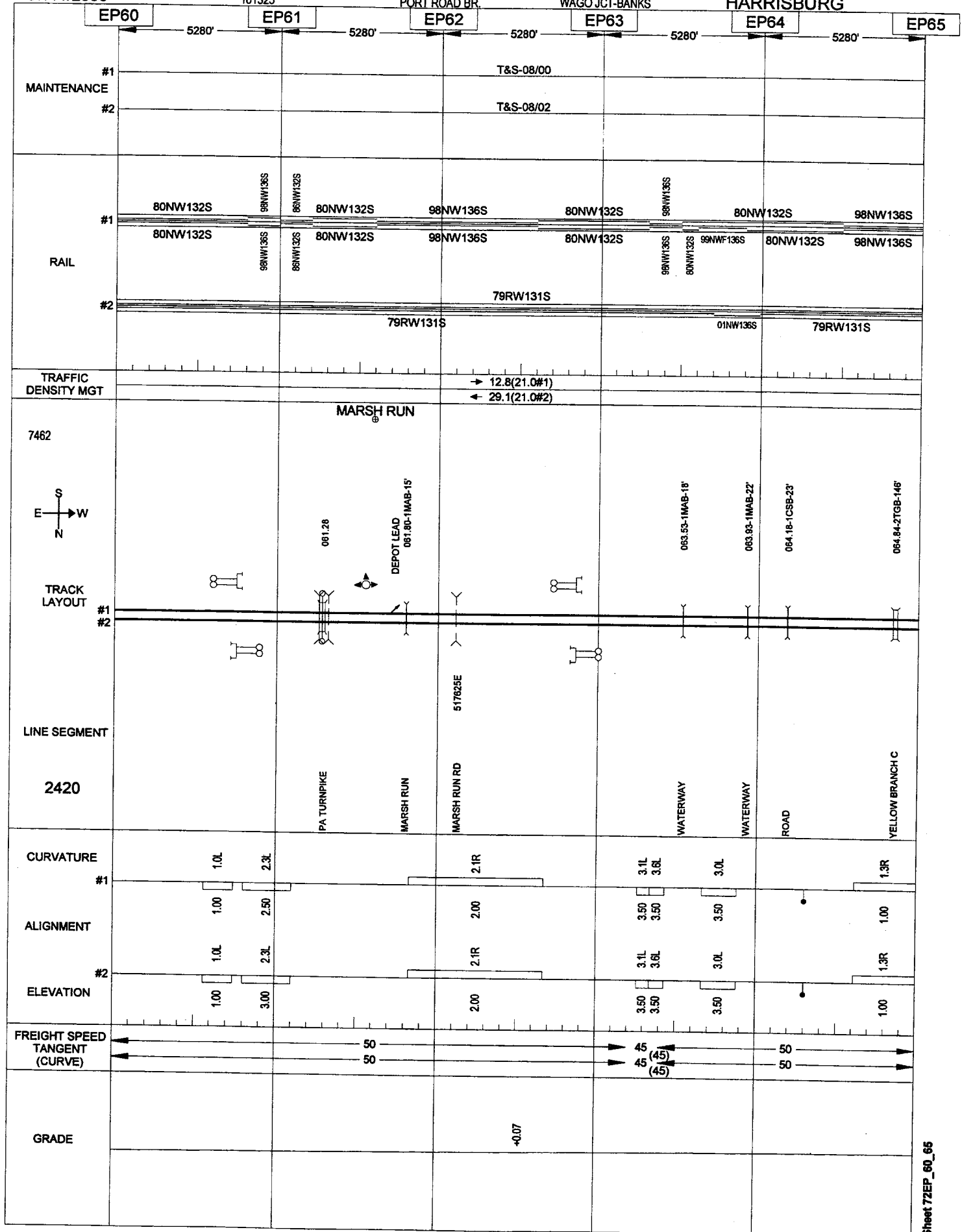
07/11/2006

101325

244
PORT ROAD BR.

WAGO JCT-BANKS

HARRISBURG



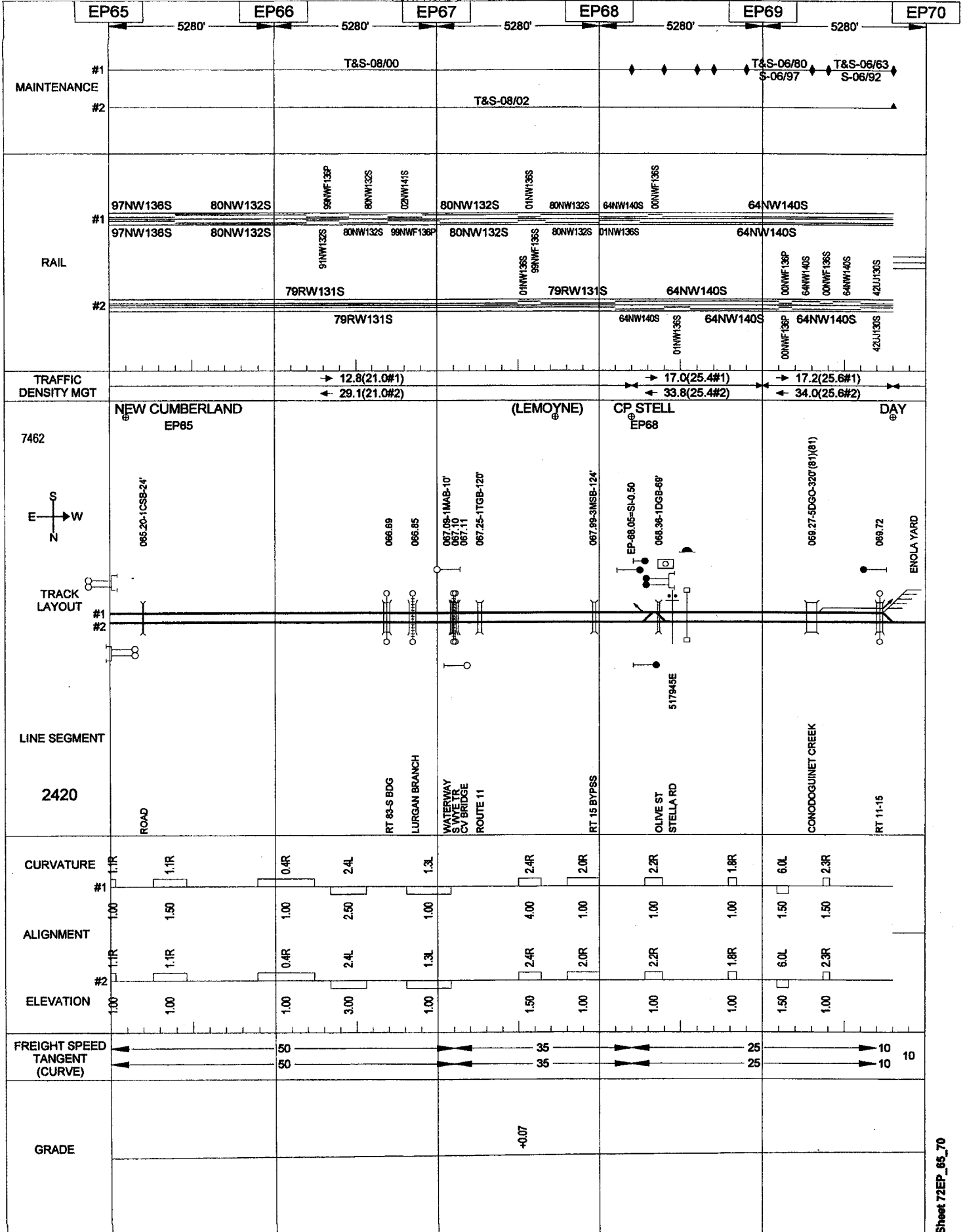
07/11/2006

101325

245
PORT ROAD BR

WAGO JCT-BANKS

HARRISBURG



07/11/2006

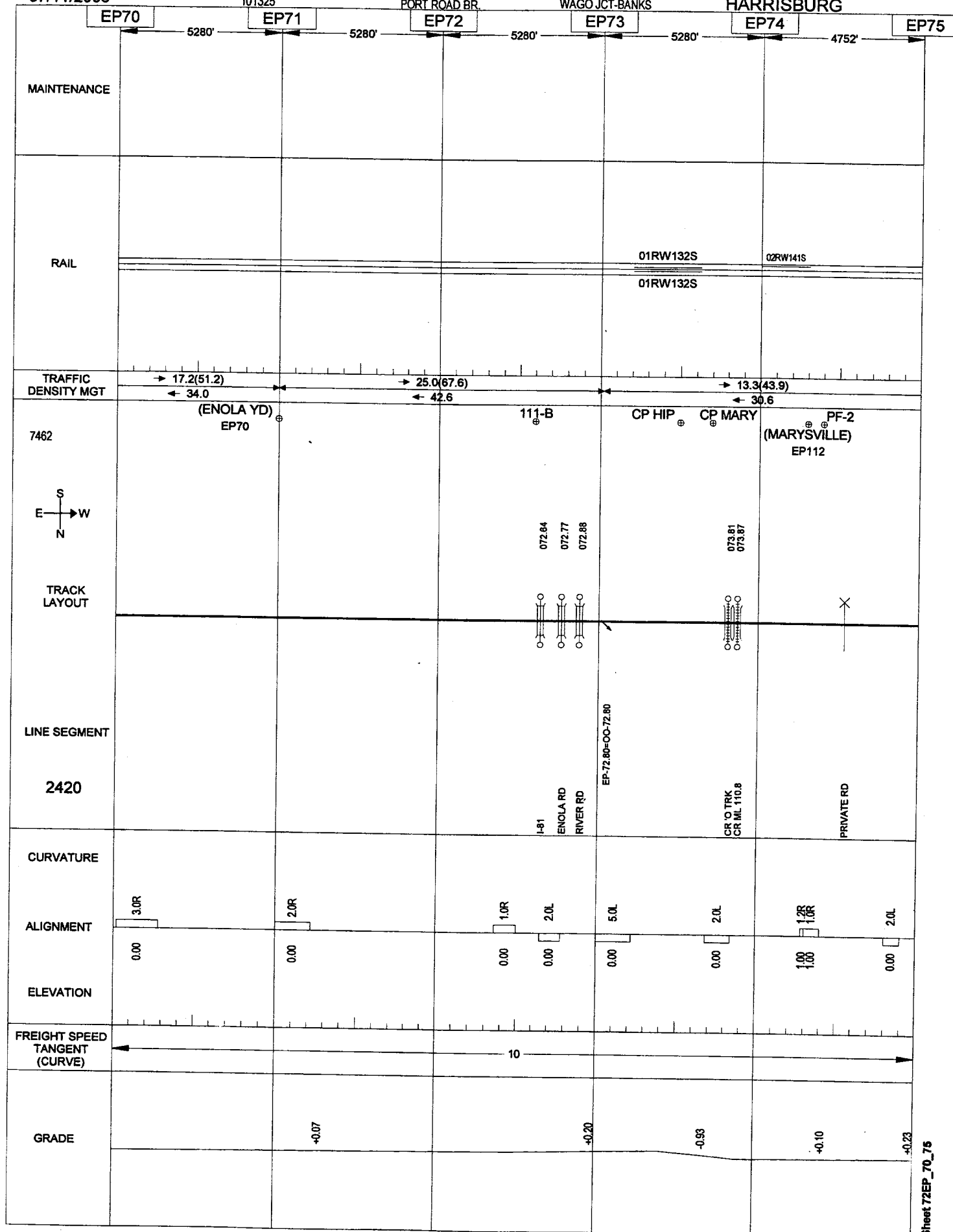
101325

246

PORT ROAD BR

WAGO JCT-BANKS

HARRISBURG



07/11/2006

101325

247
PORT ROAD BR

WAGO JCT-BANKS

HARRISBURG

EP75

EP76

5280'

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT→ 13.3(43.9)
← 30.6

CP BANKS

S
E → W
NTRACK
LAYOUT

EP-76.10=PT-112.90

LINE SEGMENT

2420

CURVATURE

ALIGNMENT

3.0L
0.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.23

07/11/2006

101326

248

PORT ROAD BR CONN.

CP HIP-CP MARY

HARRISBURG

OO73

1056'

5280'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7008

S
E — W
N

TRACK
LAYOUT

LINE SEGMENT

2426

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

16.9(34.2)
17.3

CP HIP

CP MARY

OO-72.80=EP-72.80

OO-73.70=PT-111.25

5.8R

0.00

10

+0.22

-0.44

0.00

07/11/2006

101327

249
COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG

ZL69

ZL70

5280'

5455'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

2.2(5.7)

3.5

1.8(5.3)

3.5

7004

TRACK
LAYOUT

CORK

ZL-68.40-PT-68.27

069.44

DONNELLY

ZL-68.50PT-68.47

LR36040

LINE SEGMENT

2411

CURVATURE

ALIGNMENT

ELEVATION

1.1L

0.00

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.20

07/11/2006

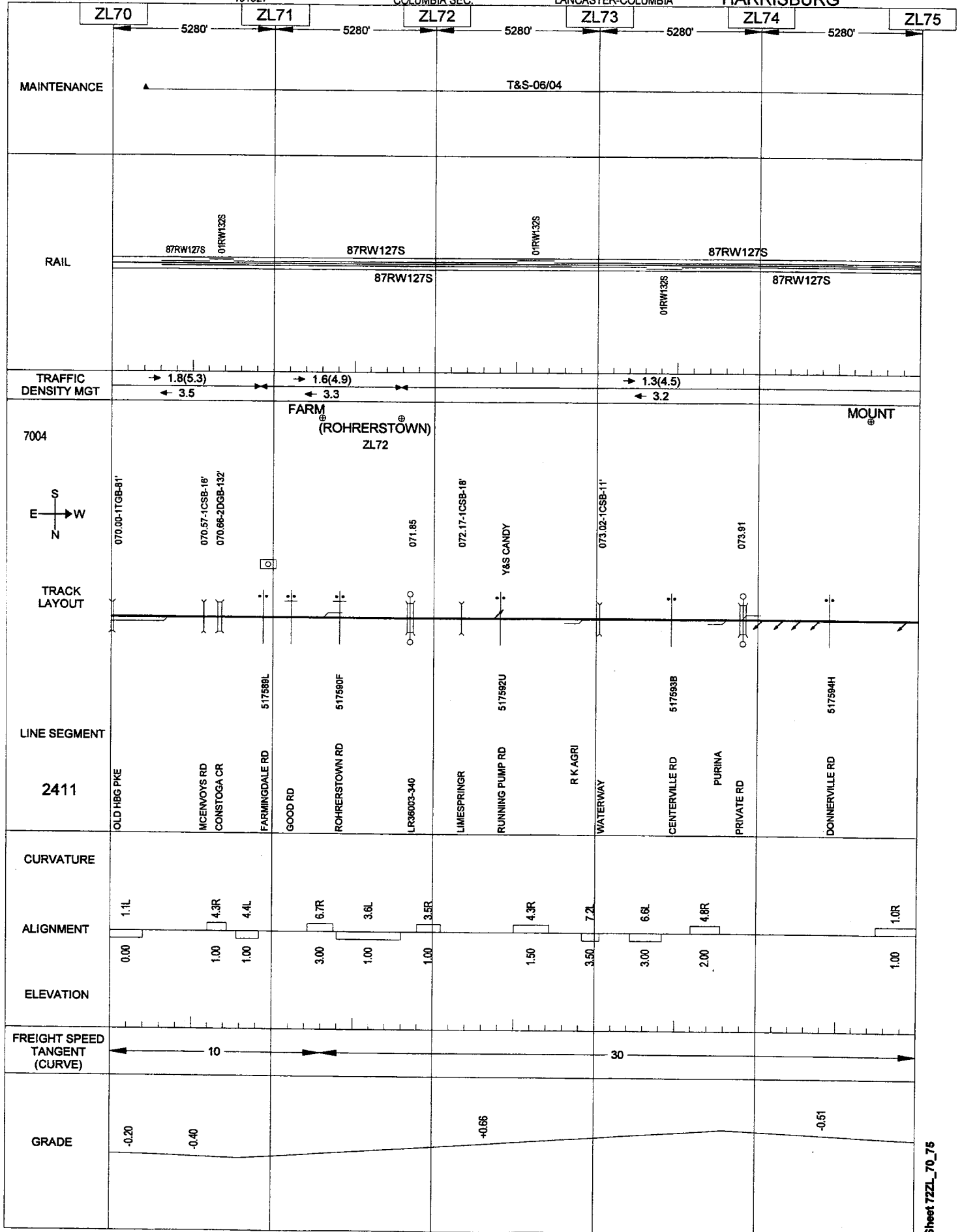
101327

250

COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG



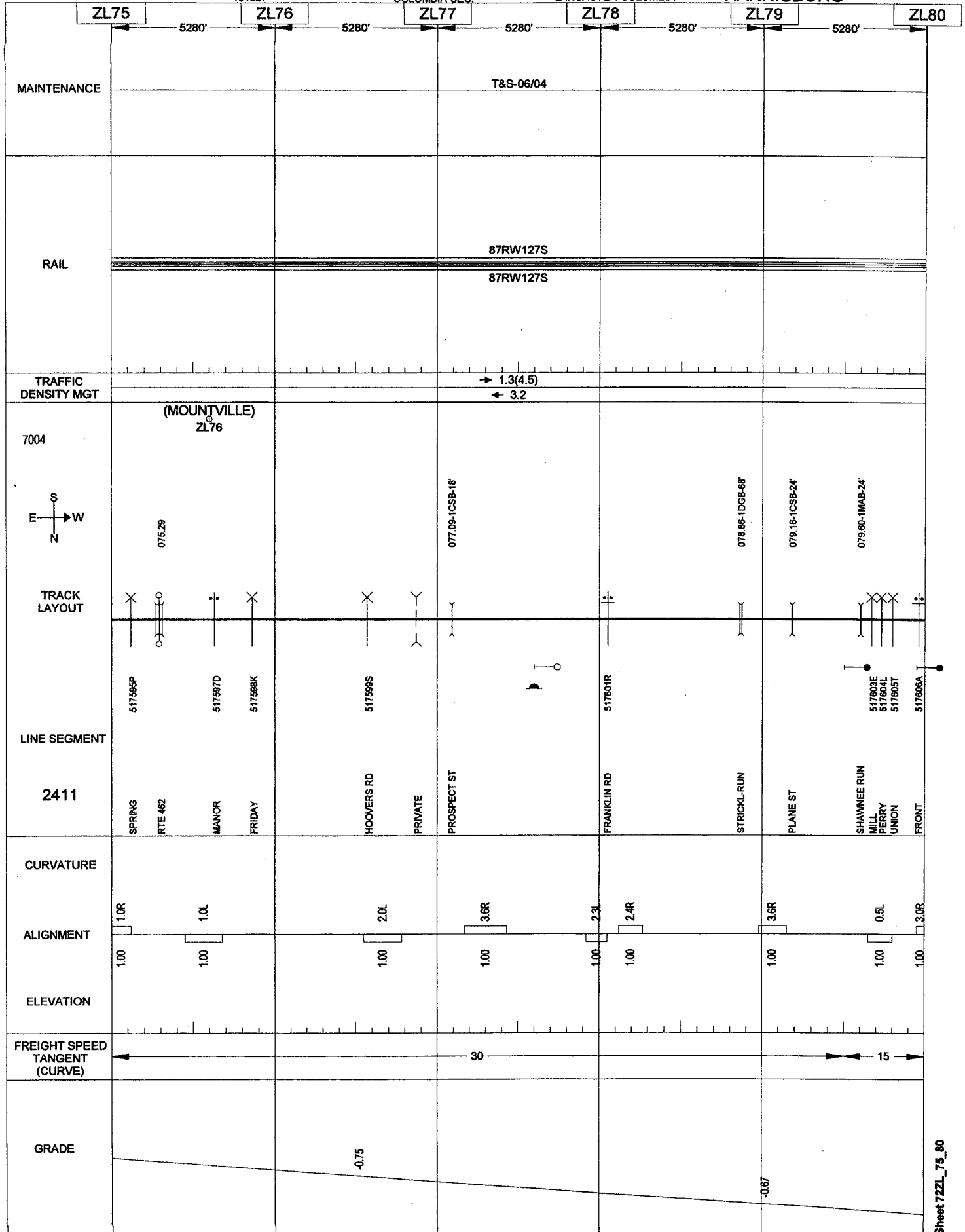
07/11/2006

101327

251
COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG



07/11/2006

101327

252

COLUMBIA SEC.

LANCASTER-COLUMBIA

HARRISBURG

ZL80

5280'

MAINTENANCE

RAIL

87RW127S
87RW127STRAFFIC
DENSITY MGT

7004

S
E → W
NTRACK
LAYOUTCP COLA (COLUMBIA)
PD38

080.20

917028J
917030D

I

ZL-80.30=EP-38.47

LINE SEGMENT

2411

LOCUST ST
PERRY ST
RT 462

CURVATURE

ALIGNMENT

ELEVATION

3.0R
1.00
1.00
1.0LFREIGHT SPEED
TANGENT
(CURVE)

15

GRADE

0.00

07/11/2006

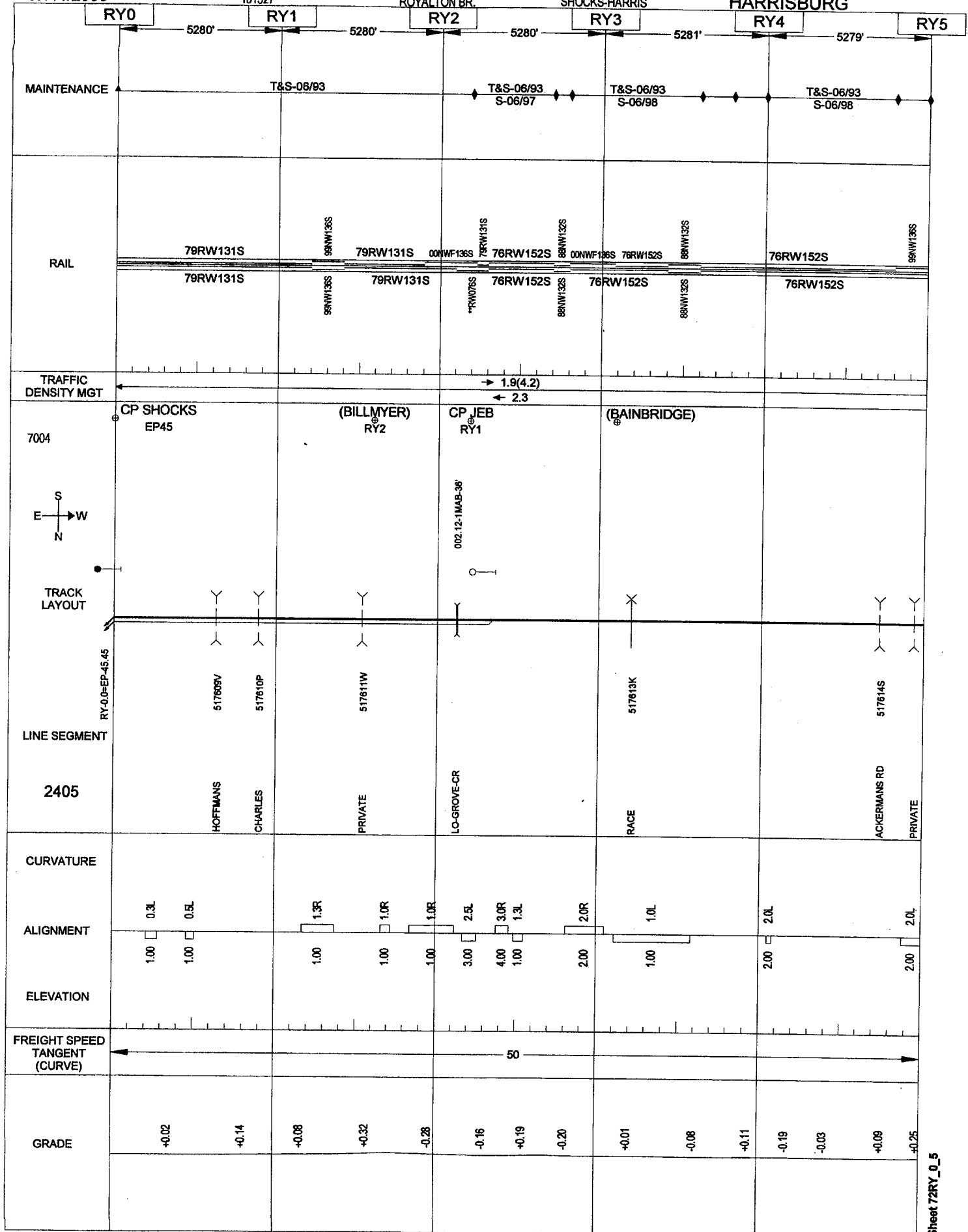
101327

253

ROYALTON BR.

SHOCKS-HARRIS

HARRISBURG



07/11/2006

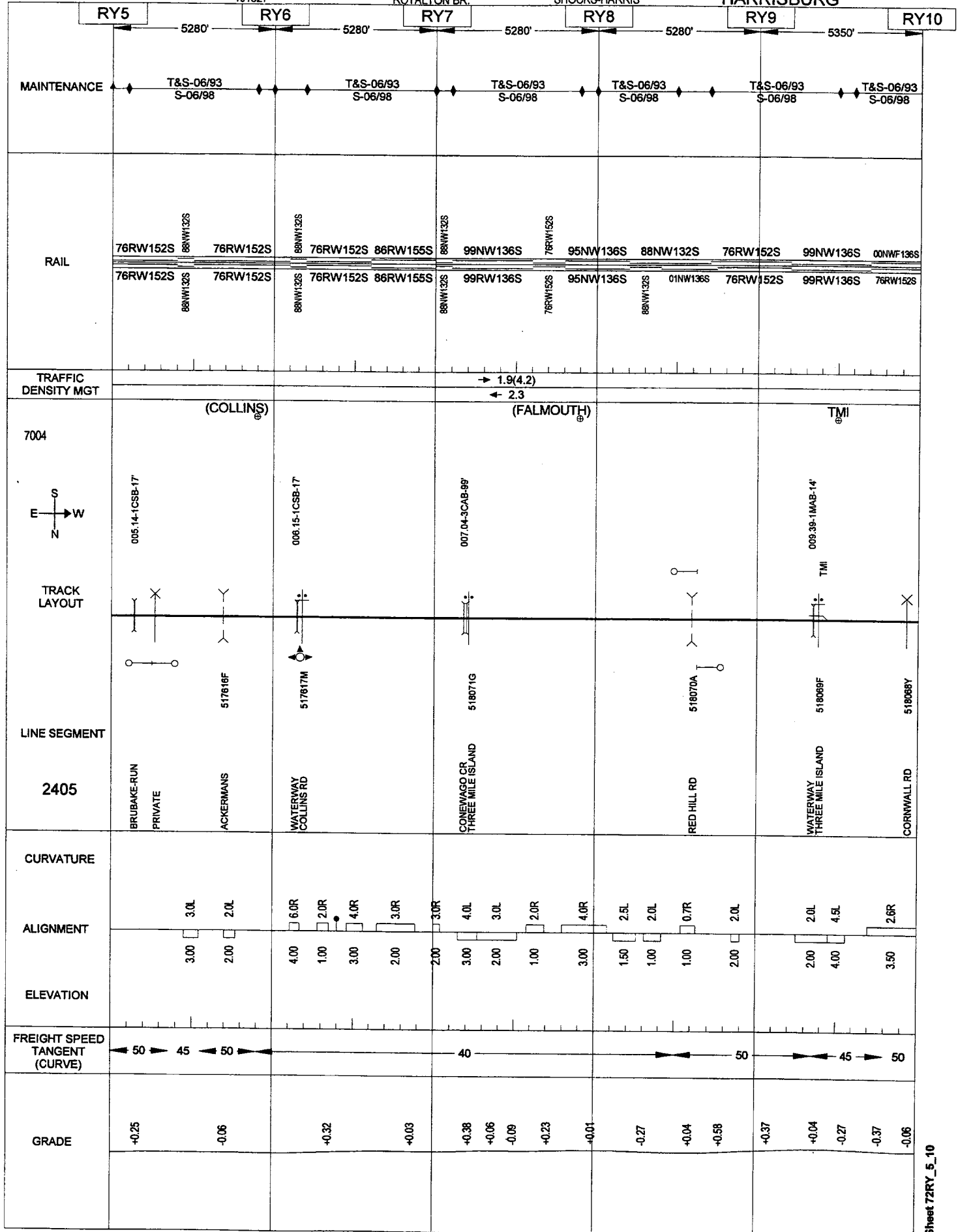
101327

254

ROYALTON BR.

SHOCKS-HARRIS

HARRISBURG



07/11/2006

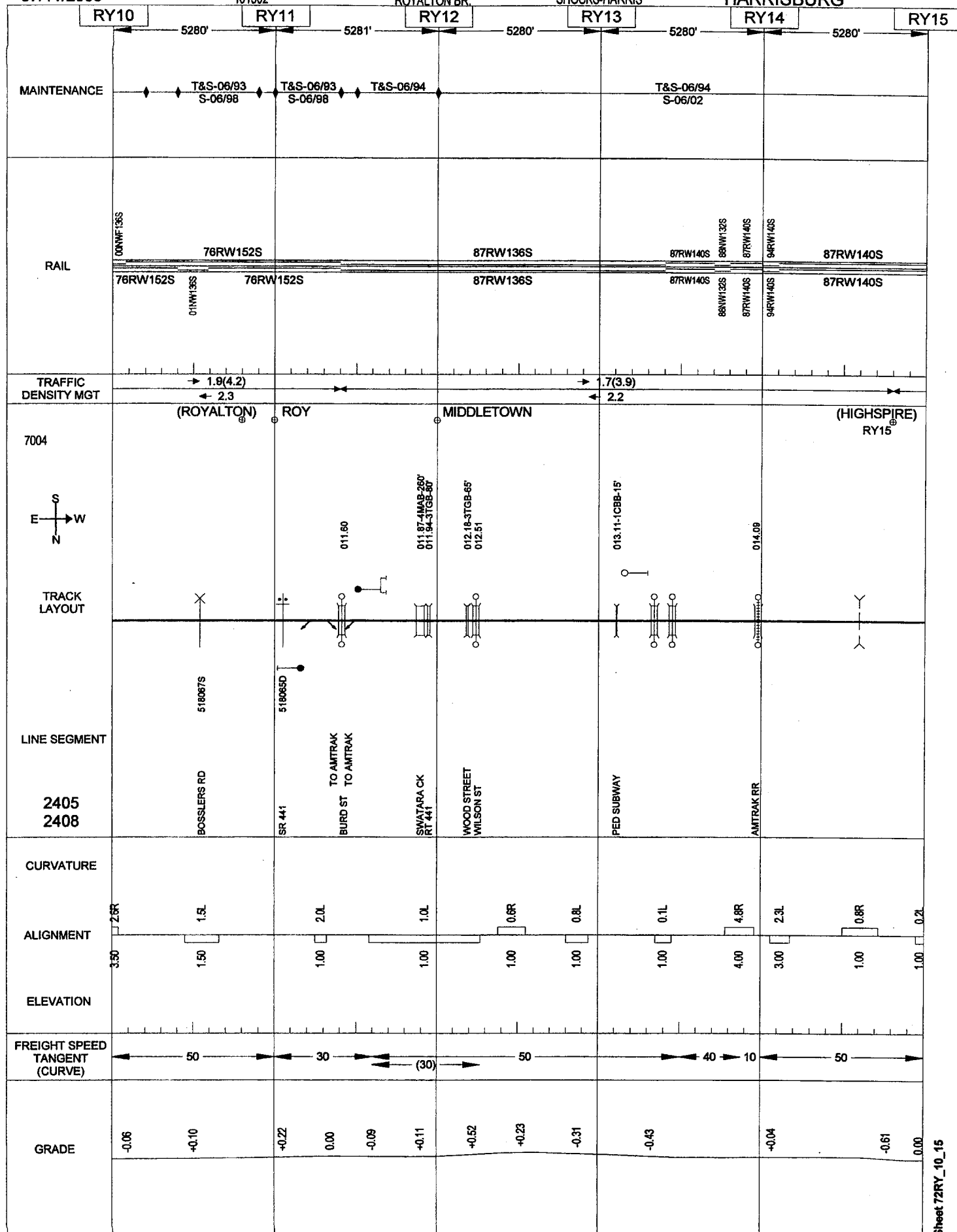
101302

255

ROYALTON BR.

SHOCKS-HARRIS

HARRISBURG



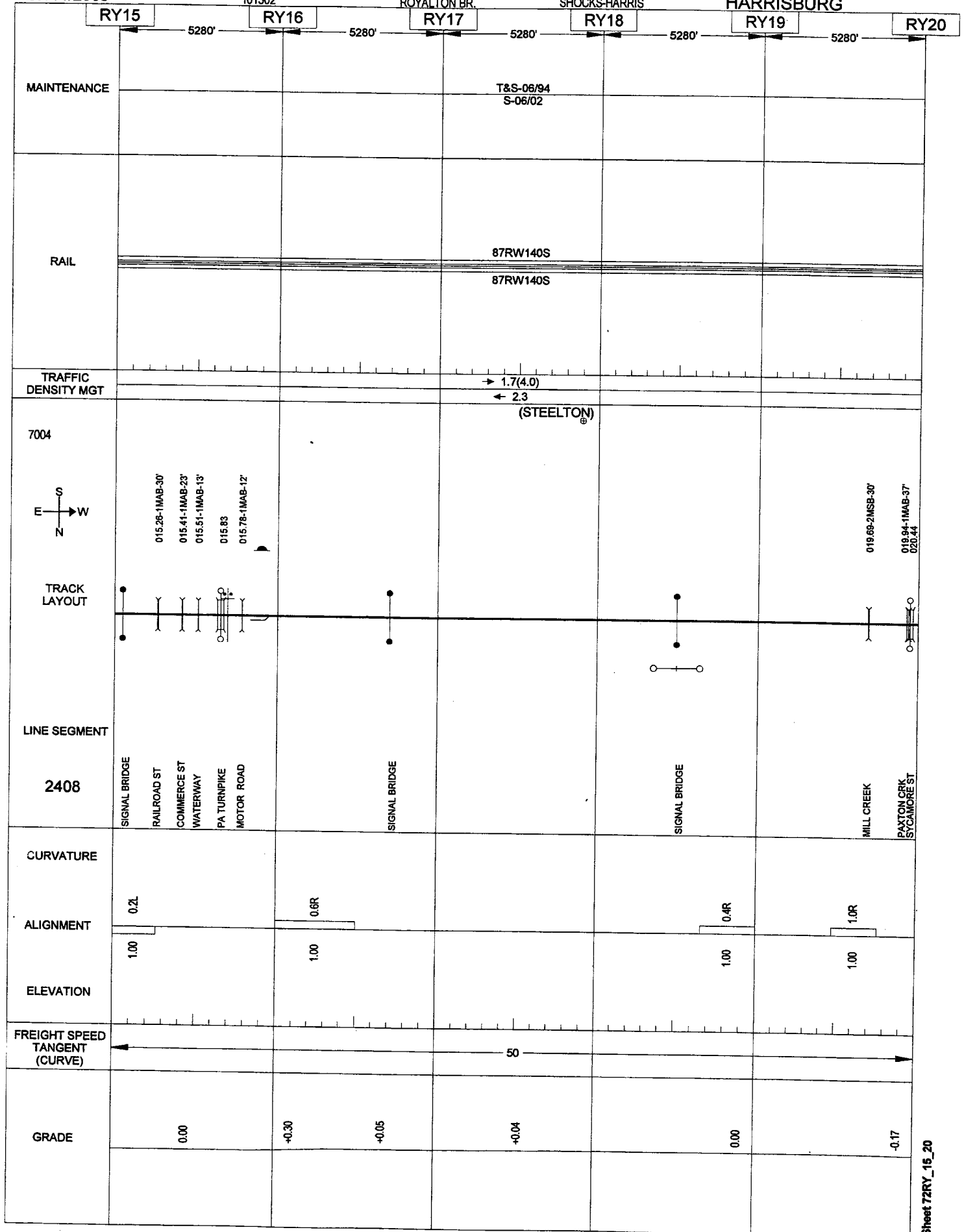
07/11/2006

101302

256
ROYALTON BR.

SHOCKS-HARRIS

HARRISBURG



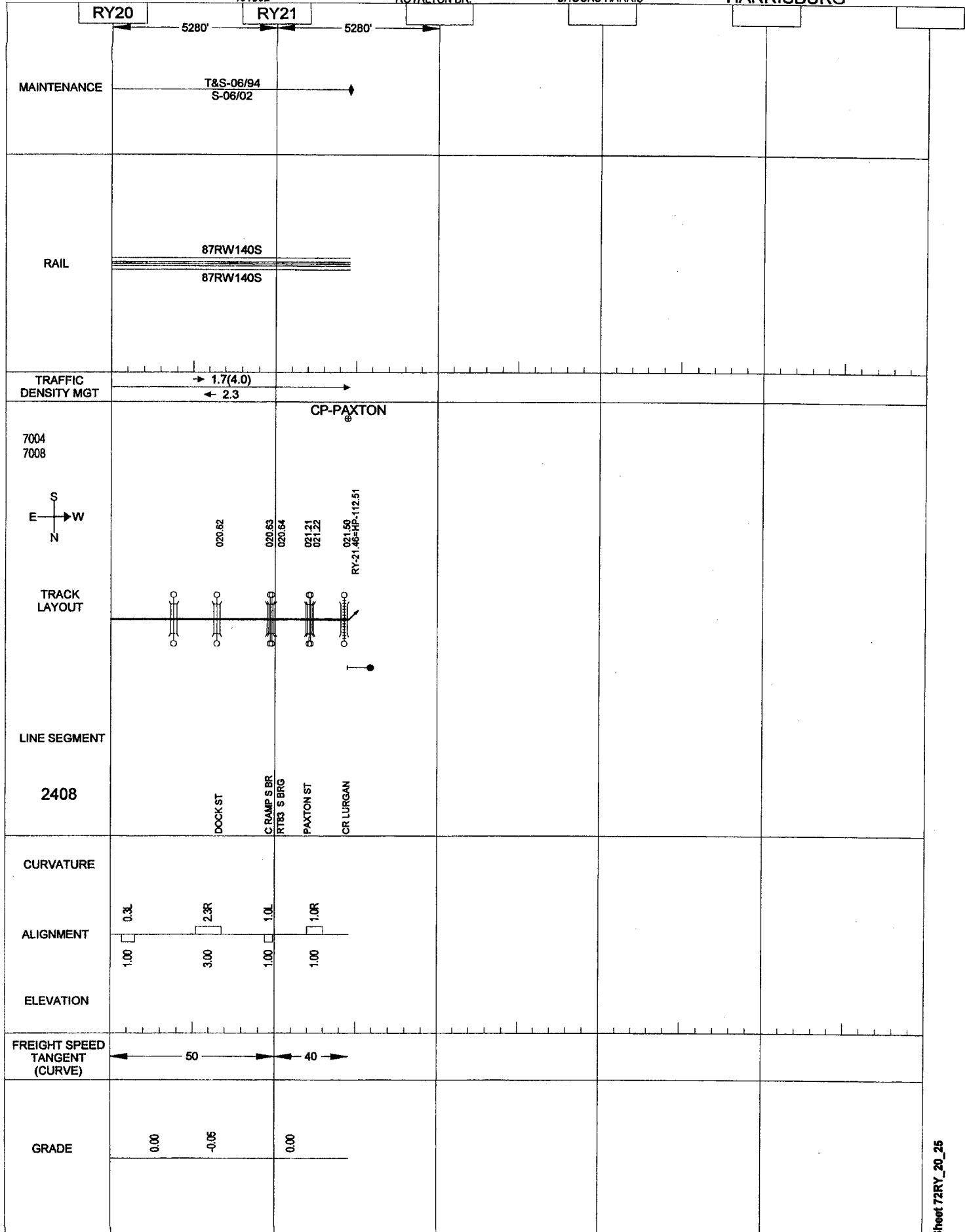
07/11/2006

101302

257
ROYALTON BR.

SHOCKS-HARRIS

HARRISBURG



07/11/2006

101327

258
MARIETTA I.T.

MARIETTA-SHOCKS MILLS

HARRISBURG

MU84

MU85

5280'

5280'

T&S-06/93

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

7004



TRACK
LAYOUT

(MARIETTA)

LINE SEGMENT

2552

PENN ALUMINUM

517607G

DECATUR

GSA

CURVATURE

ALIGNMENT

ELEVATION

1.00

1.00

1.00

4.8R

0.8R

4.0R

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.40

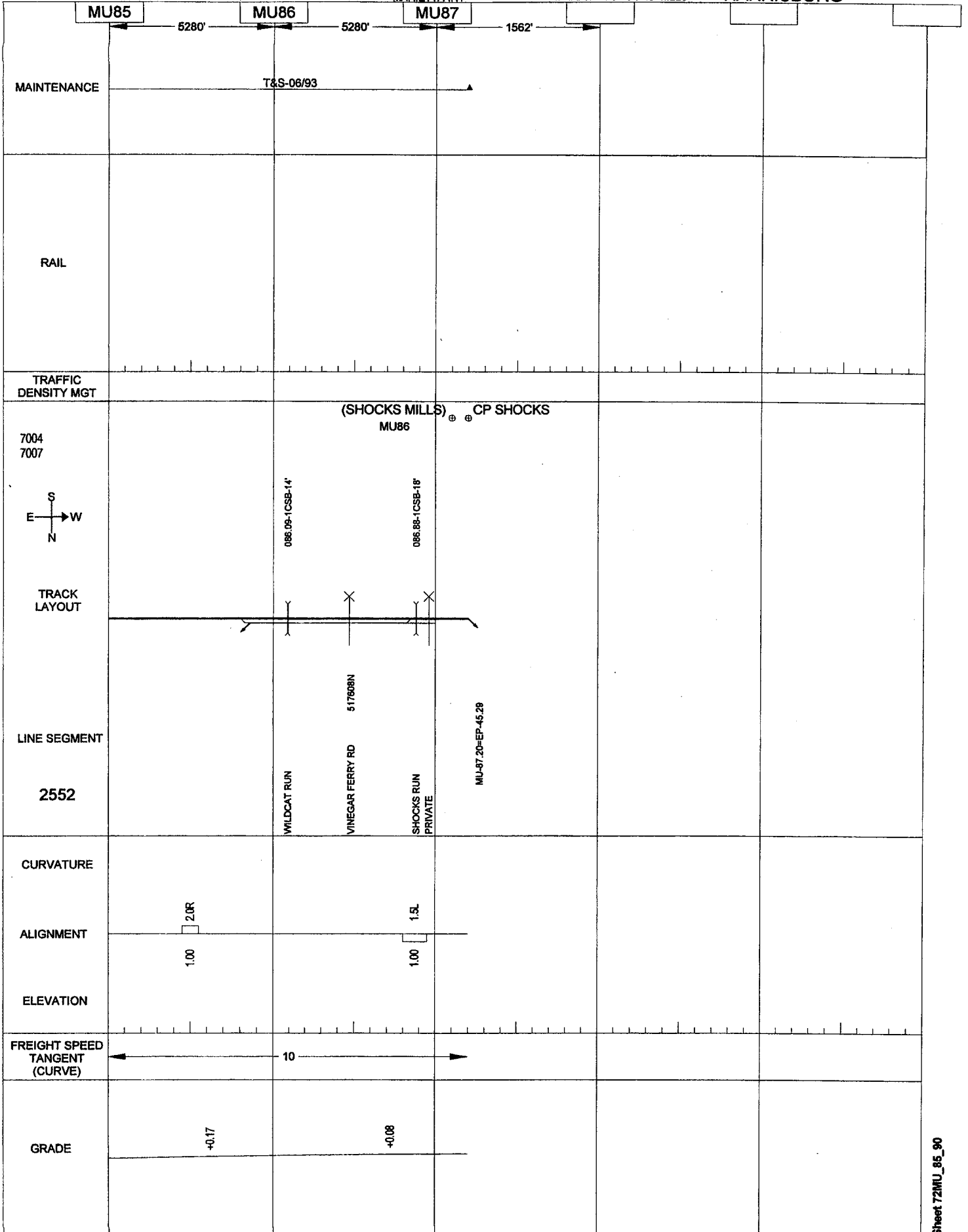
07/11/2006

101327

259
MARIETTA I.T.

MARIETTA-SHOCKS MILLS

HARRISBURG



07/11/2006

101332

260
YORK SEC.

WAGO-FLOUR

HARRISBURG

YX3

YX4

YX5

5280'

5280'

5280'

MAINTENANCE

T&S-09/04

RAIL

27NJ130S

87RW127S

27NJ130S

87RW127S

TRAFFIC
DENSITY MGT

1.6(2.2)

0.6

7462

E
N → S
W

TRACK
LAYOUT

CP WAGO

YX-2.40=EP-51.59

002.83-3DGB-255'

003.35-1DGB-50'

003.94-1DGB-55'

004.17-1DGB-56'

004.32-1DGB-43'

004.72-1DGB-65'

004.95-1MAB-20'

LINE SEGMENT

501485G

2891

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

30

GRADE

-0.08

0.00

-0.10

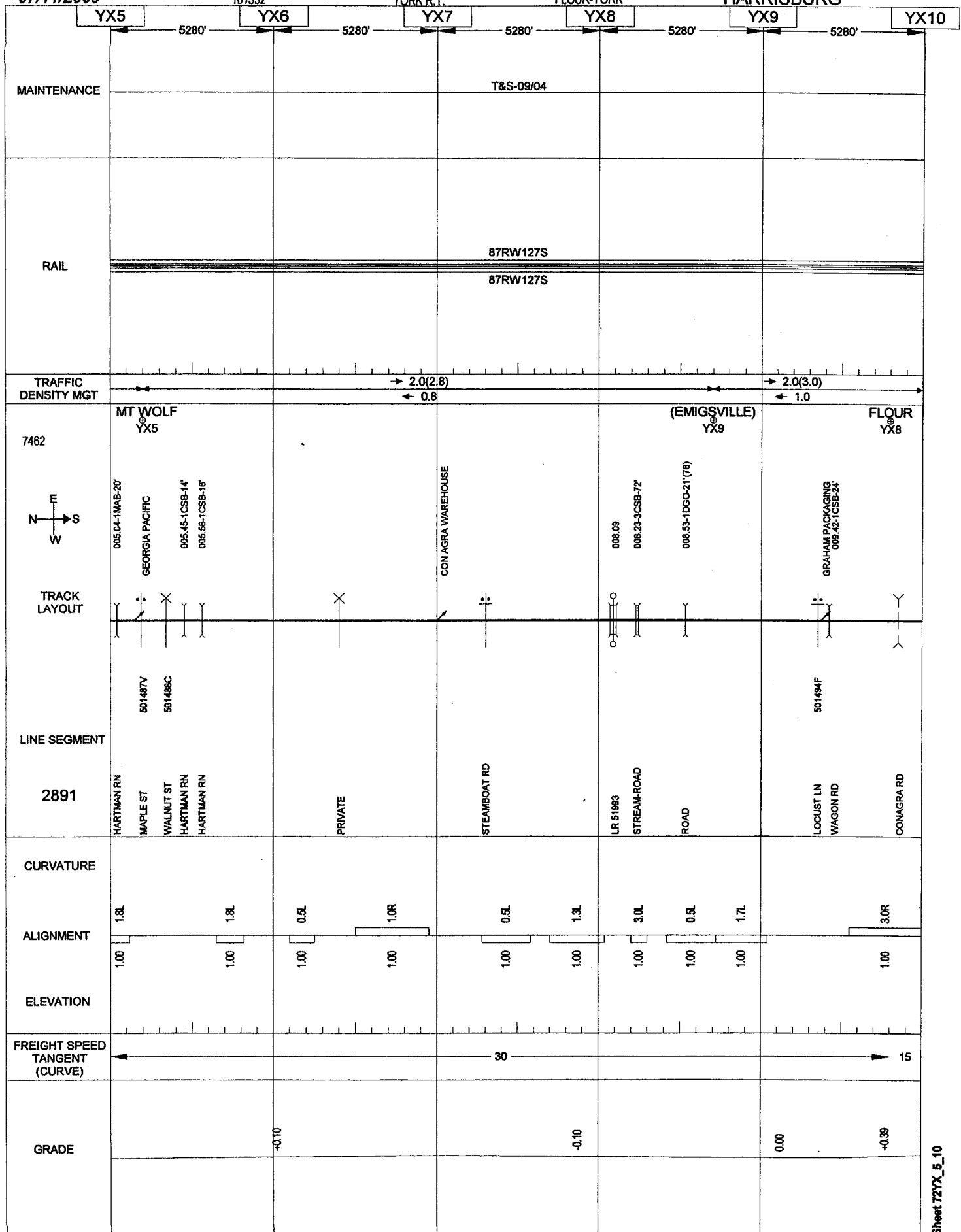
07/11/2006

101332

261
YORK R.T.

FLOUR-YORK

HARRISBURG



07/11/2006

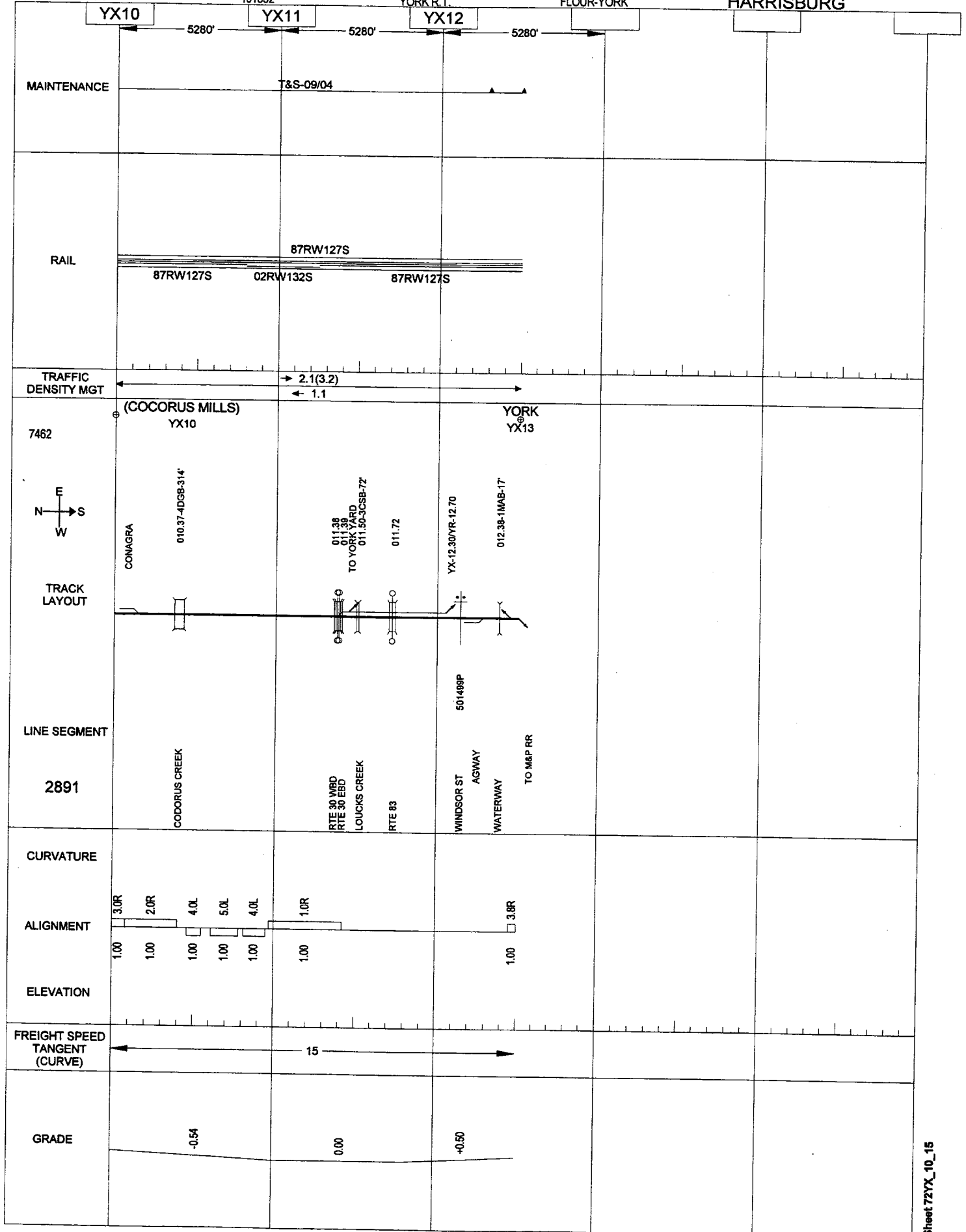
101332

262

YORK R.T.

FLOUR-YORK

HARRISBURG



07/11/2006

101340

263
YORK I.T.

STONEY BROOK-YORK

HARRISBURG

YR8

YR9

YR10

5280'

5280'

5280'

MAINTENANCE

T&S-06/87

RAIL

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

TRAFFIC
DENSITY MGT

7007

TRACK
LAYOUT

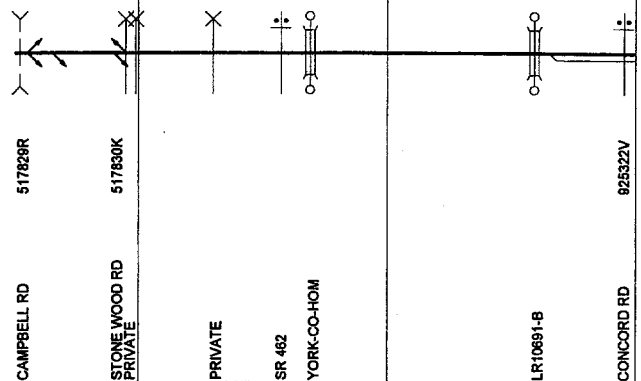
(STONEYBROOK)

008.59

009.59

LINE SEGMENT

2882



CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

-0.5R

1.00

10

+0.36

-0.58

-0.53

-0.18

07/11/2006

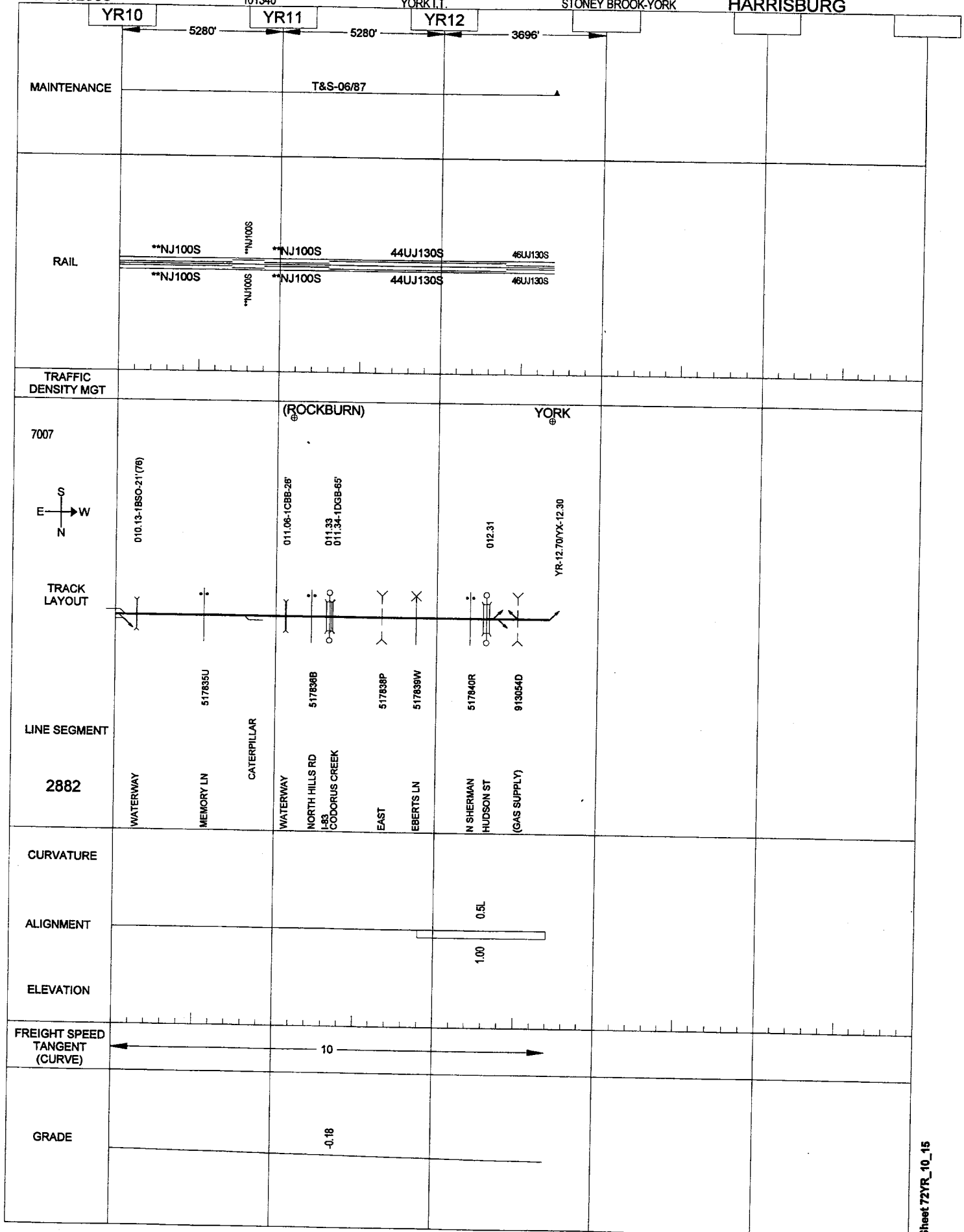
101340

264

YORK I.T.

STONEY BROOK-YORK

HARRISBURG



07/11/2006

101254

265

PERRYVILLE TK

PERRYVILLE

HARRISBURG

ZK0

5280'

MAINTENANCE

RAIL

**NJ130S

**NJ130S

TRAFFIC
DENSITY MGT

7106

CP MINNICK

TRACK
LAYOUT

ZK-0.0=PD-1.90

LINE SEGMENT

2903

CURVATURE

ALIGNMENT

0.6R

1.7R

1.00

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

0.00

07/11/2006

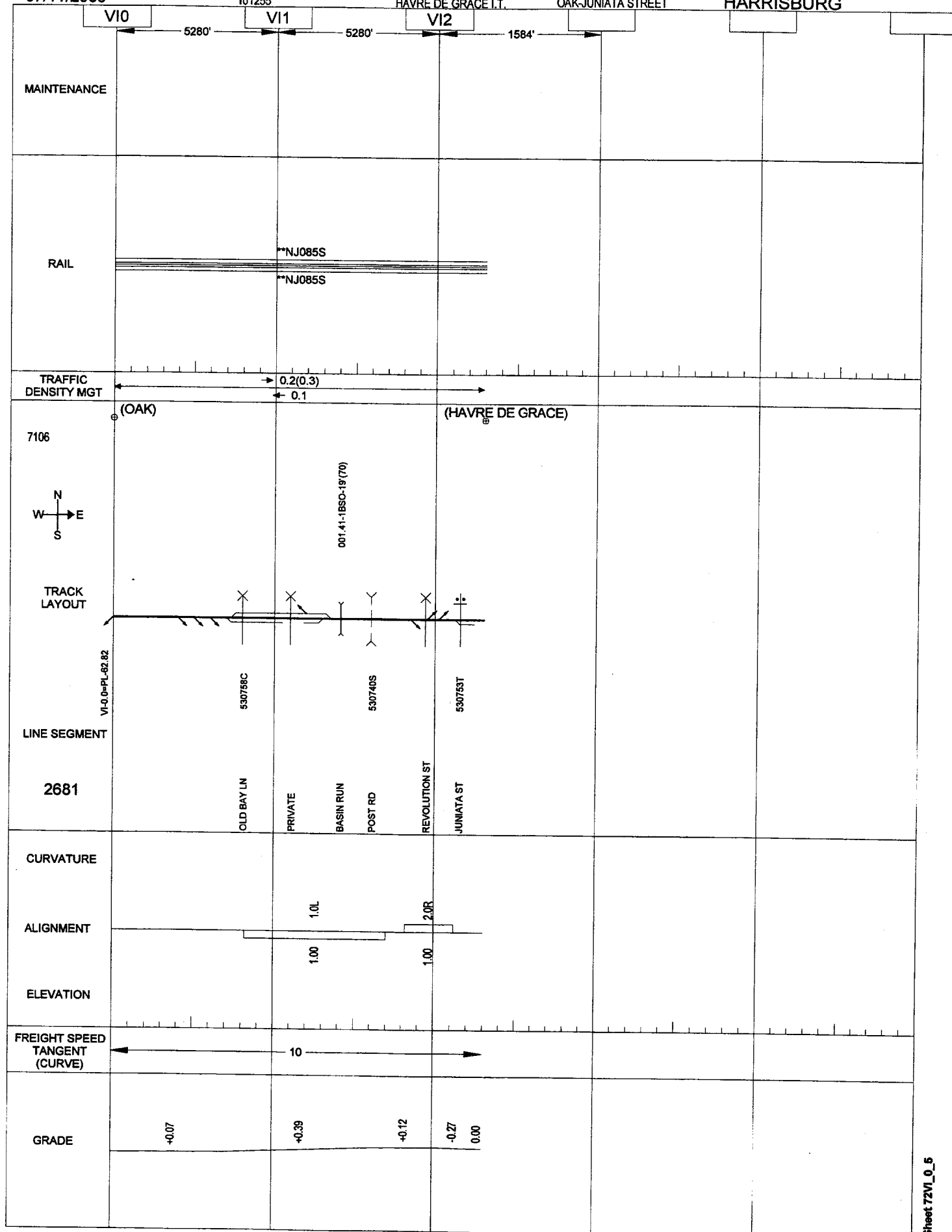
101255

266

HAVRE DE GRACE I.T.

OAK-JUNIATA STREET

HARRISBURG



07/11/2006

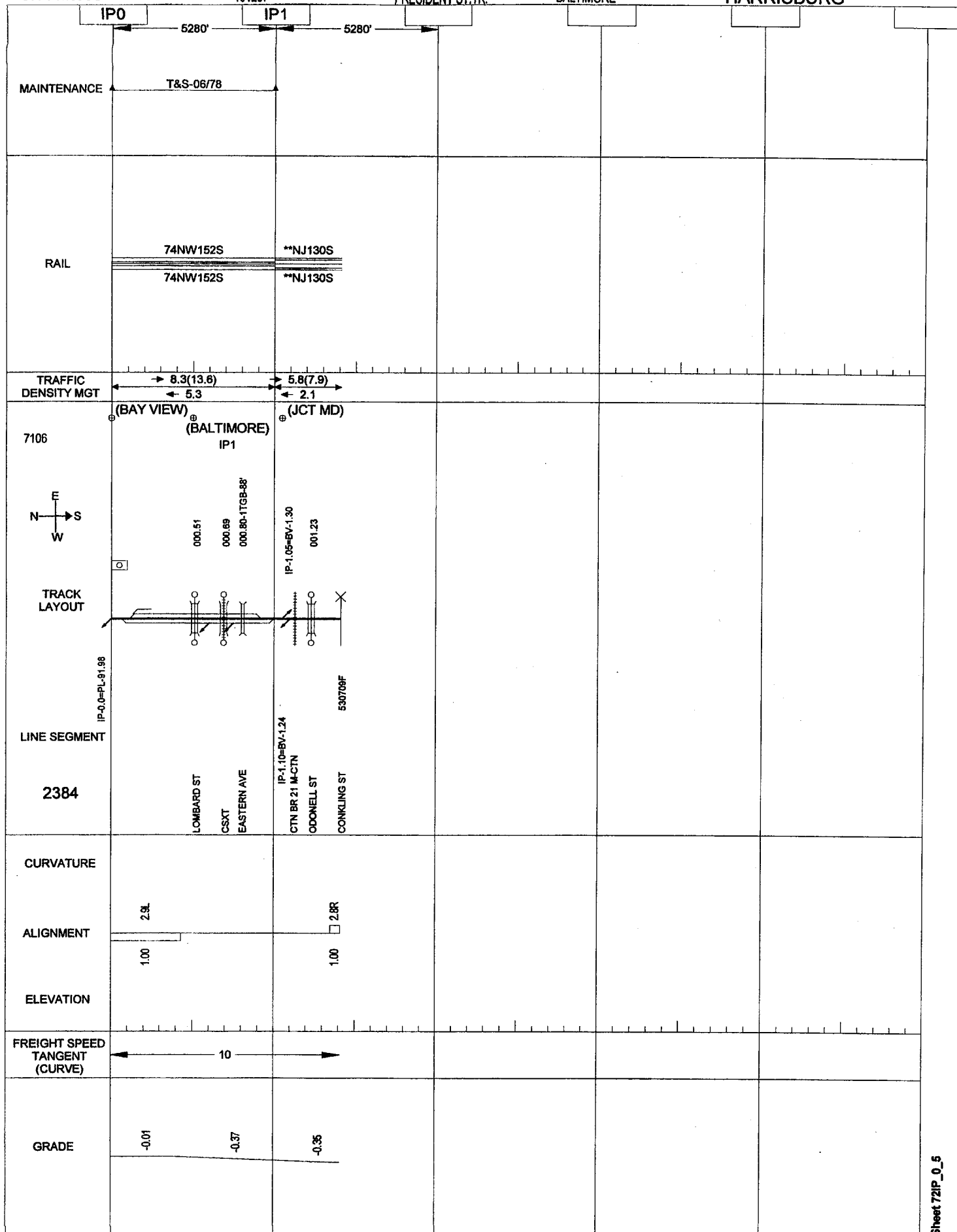
101257

267

PRESIDENT ST.TK.

BALTIMORE

HARRISBURG



07/11/2006

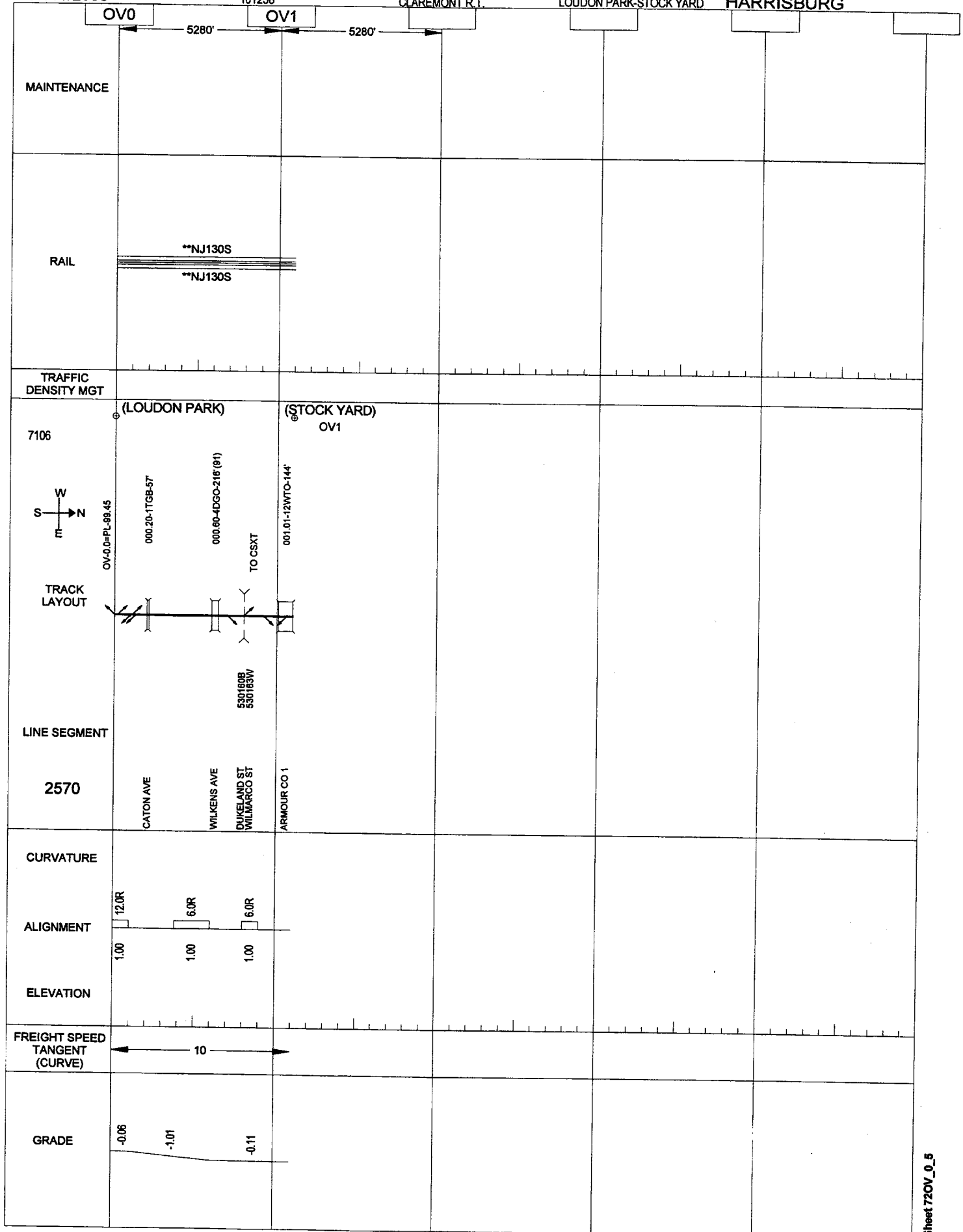
101258

268

CLAREMONT R.T.

LOUDON PARK-STOCK YARD

HARRISBURG



07/11/2006

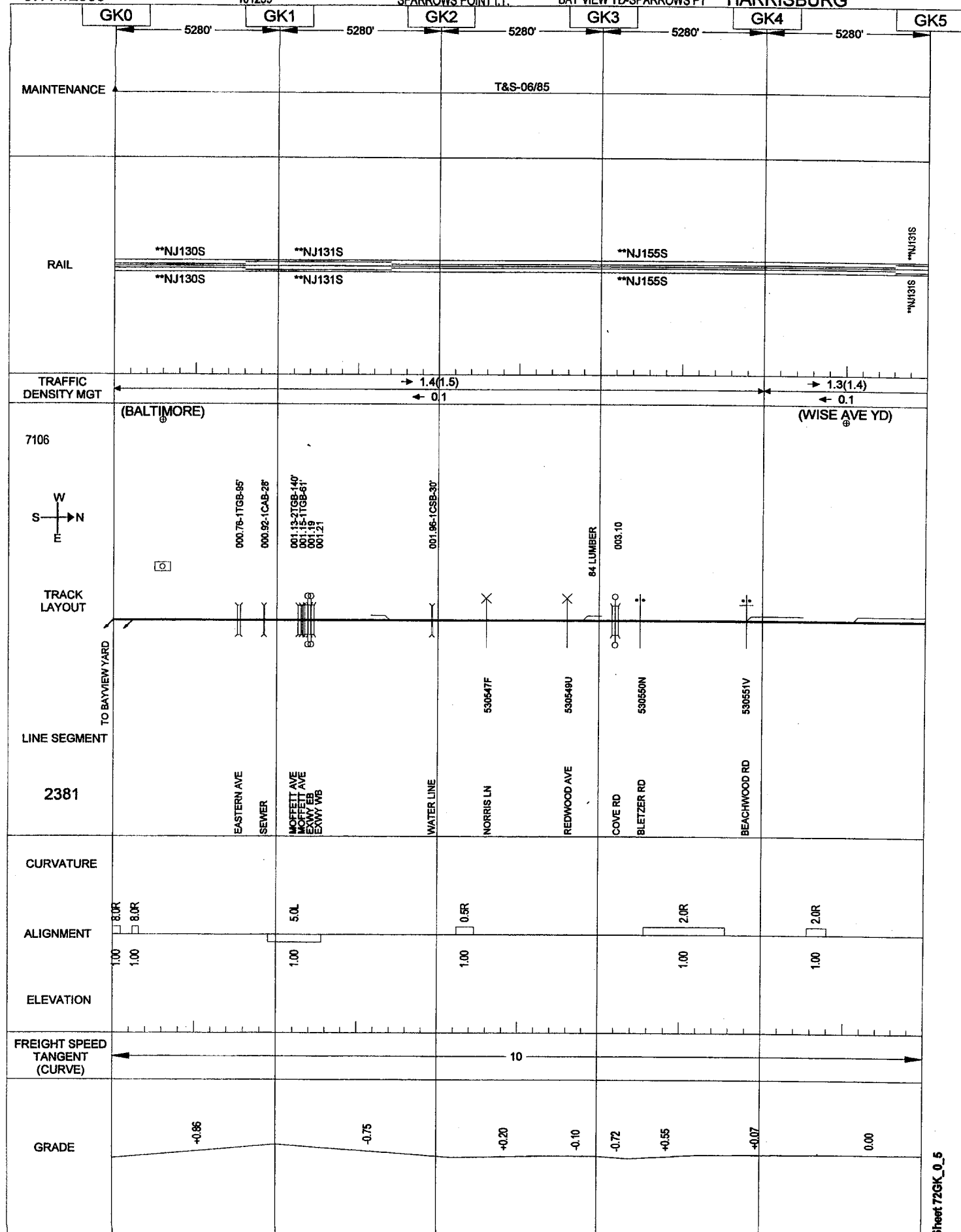
101259

269

SPARROWS POINT I.T.

BAY VIEW YD-SPARROWS PT

HARRISBURG



07/11/2006

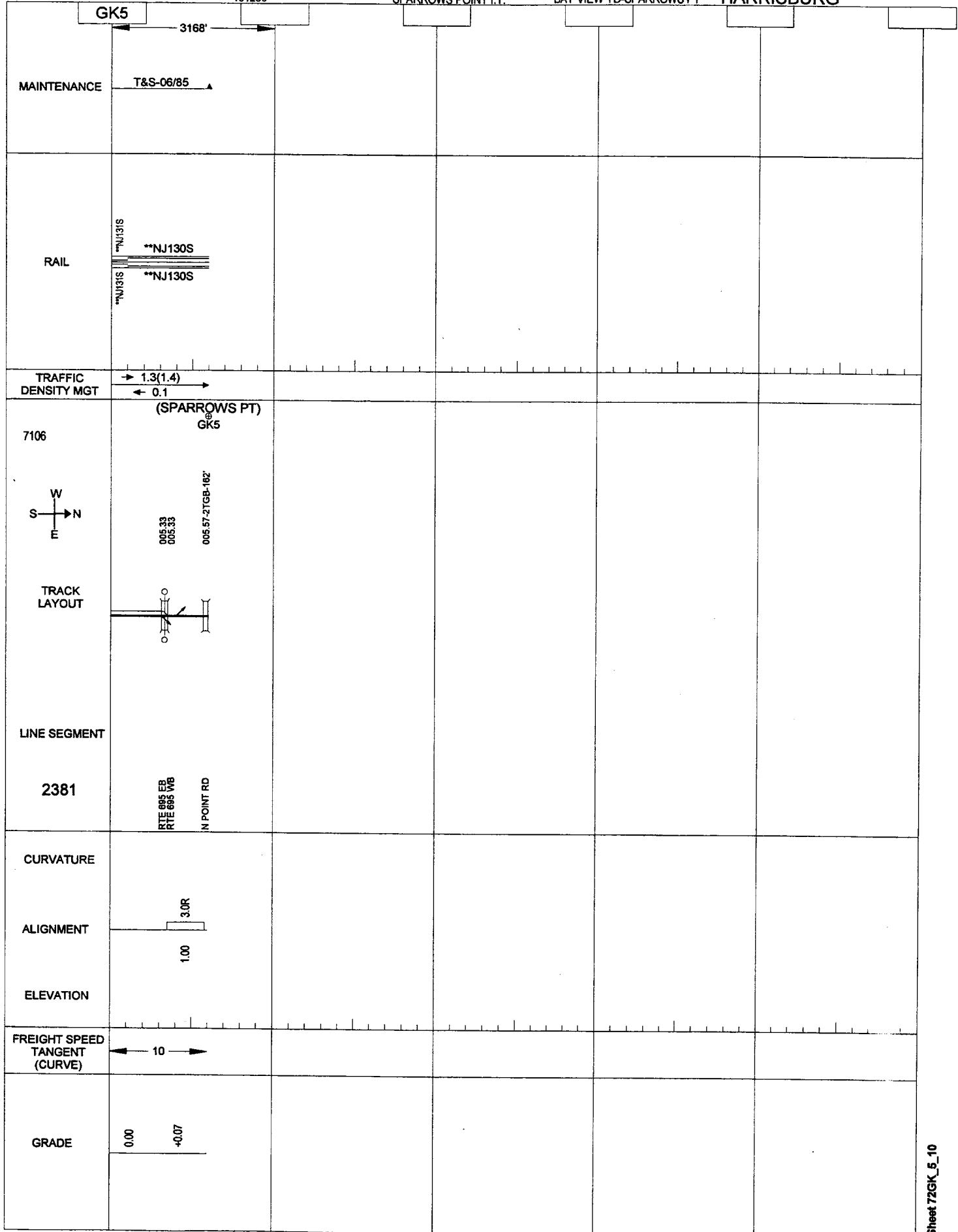
101259

270

SPARROWS POINT I.T.

BAY VIEW YD-SPARROWS PT

HARRISBURG



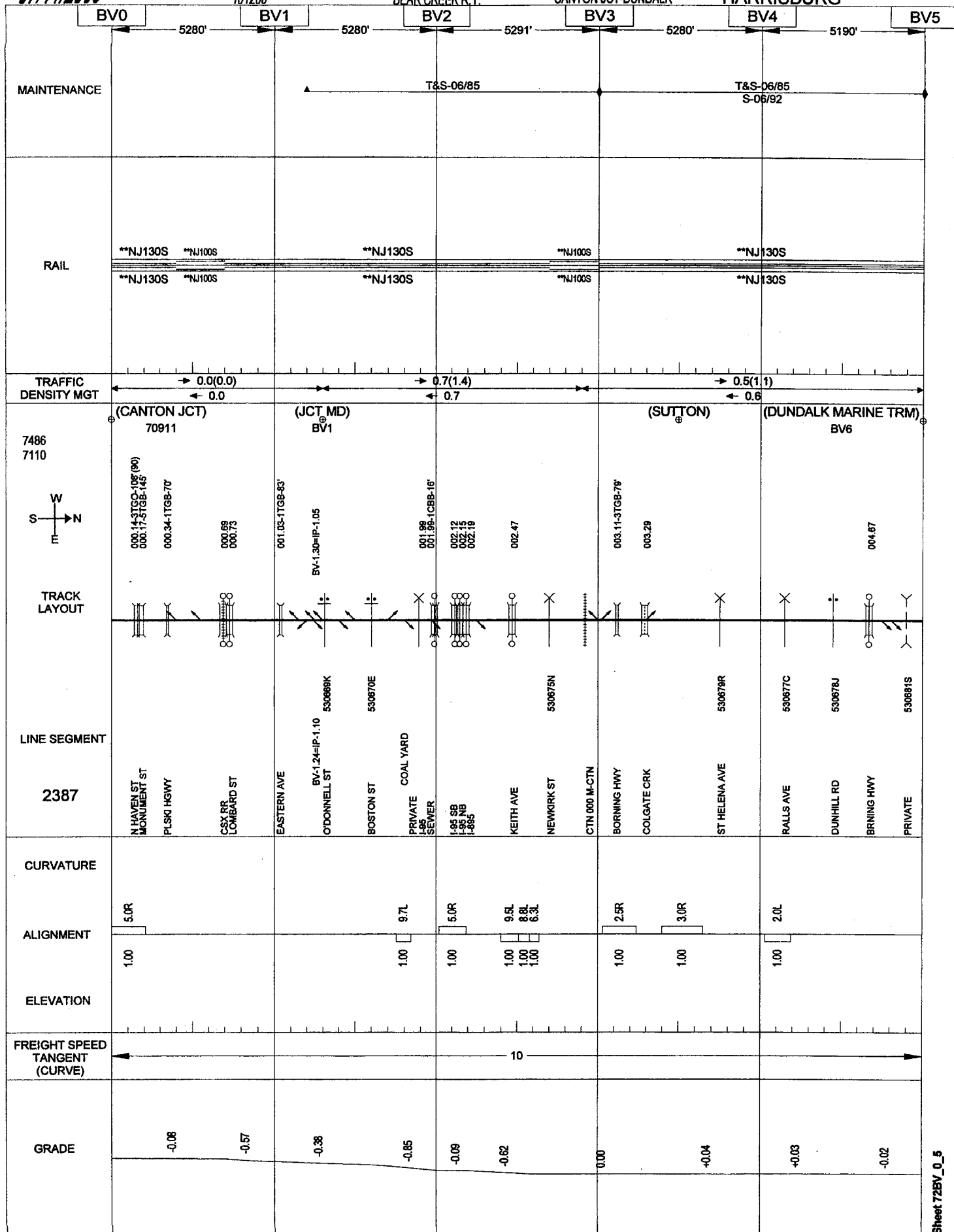
07/11/2006

101260

271
BEAR CREEK R.T.

CANTON JCT-DUNDALK

HARRISBURG



07/11/2006

101260

272

BEAR CREEK R.T.

CANTON JCT-DUNDALK

HARRISBURG

BV5

5363'

MAINTENANCE

RAIL

**NJ130S

**NJ130S

TRAFFIC
DENSITY MGT

7110

(DUNDALK MARINE TRM)
BV6

TRACK
LAYOUT

LINE SEGMENT

2387

CURVATURE

ALIGNMENT

2.0R

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.02

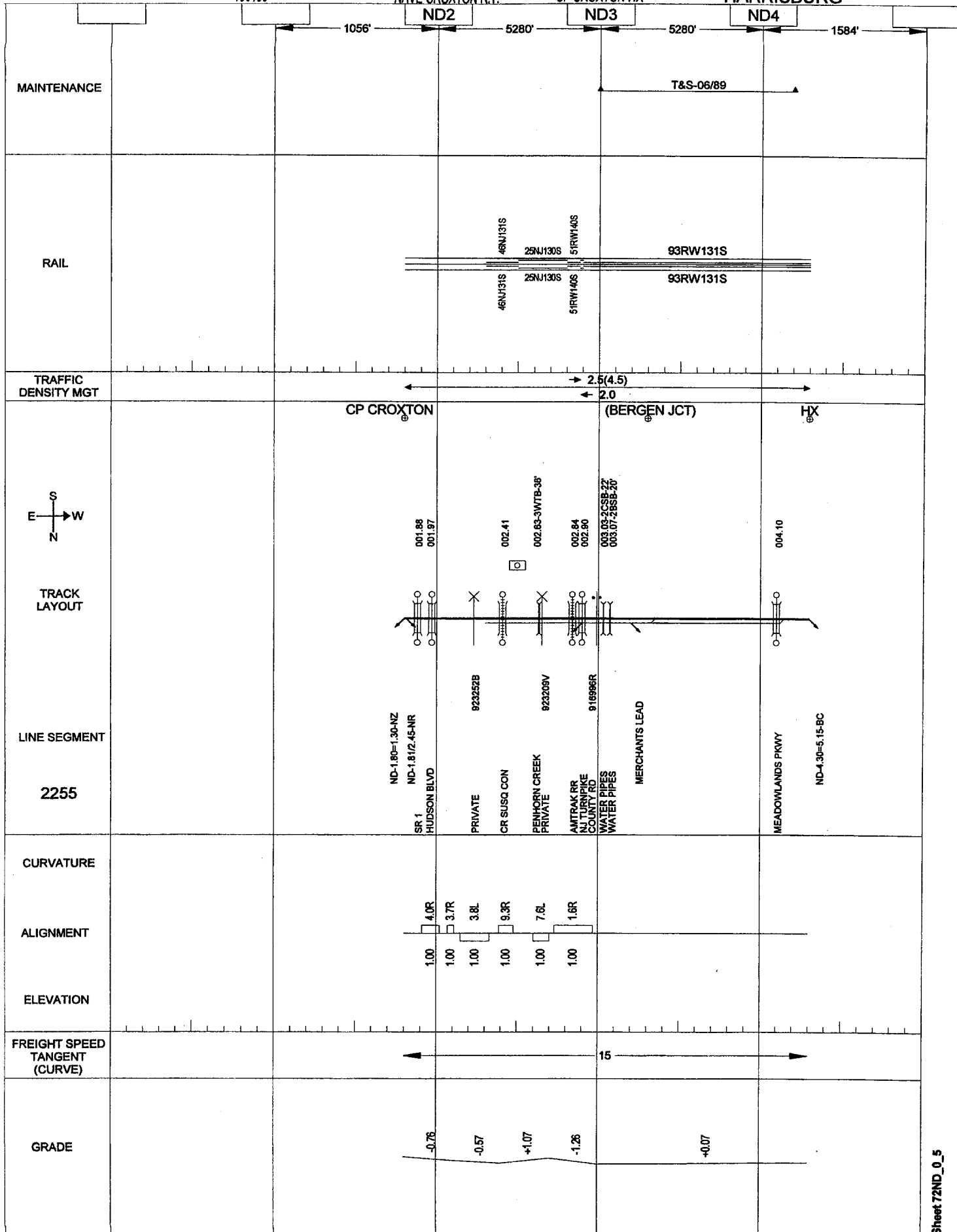
07/11/2006

106159

273
NAVE-CROXTON R.T.

CP CROXTON-HX

HARRISBURG



07/11/2006

106166

274
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

TRACK
LAYOUT

009.22-1CSB-11'
 009.34

LINE SEGMENT

2559

262963T

262965G

262966N

262968C

CURVATURE

ALIGNMENT

ELEVATION

1.00 14.0R

1.00 3.0L

1.00 3.0R

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.50

0.00

+0.35

+0.11

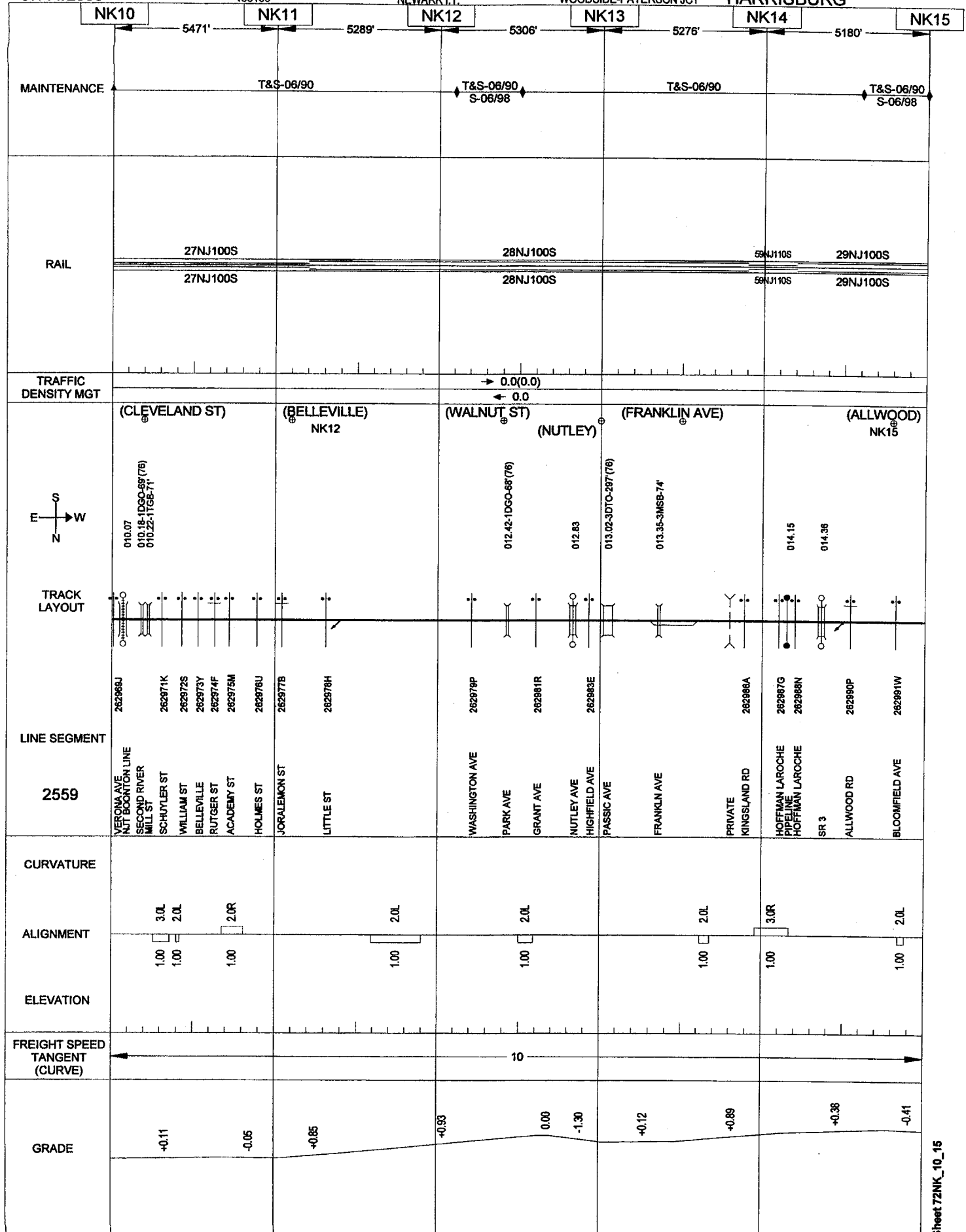
07/11/2006

106166

275
NEWARK I.T.

WOODSIDE-PATERSON JCT

HARRISBURG



07/11/2006

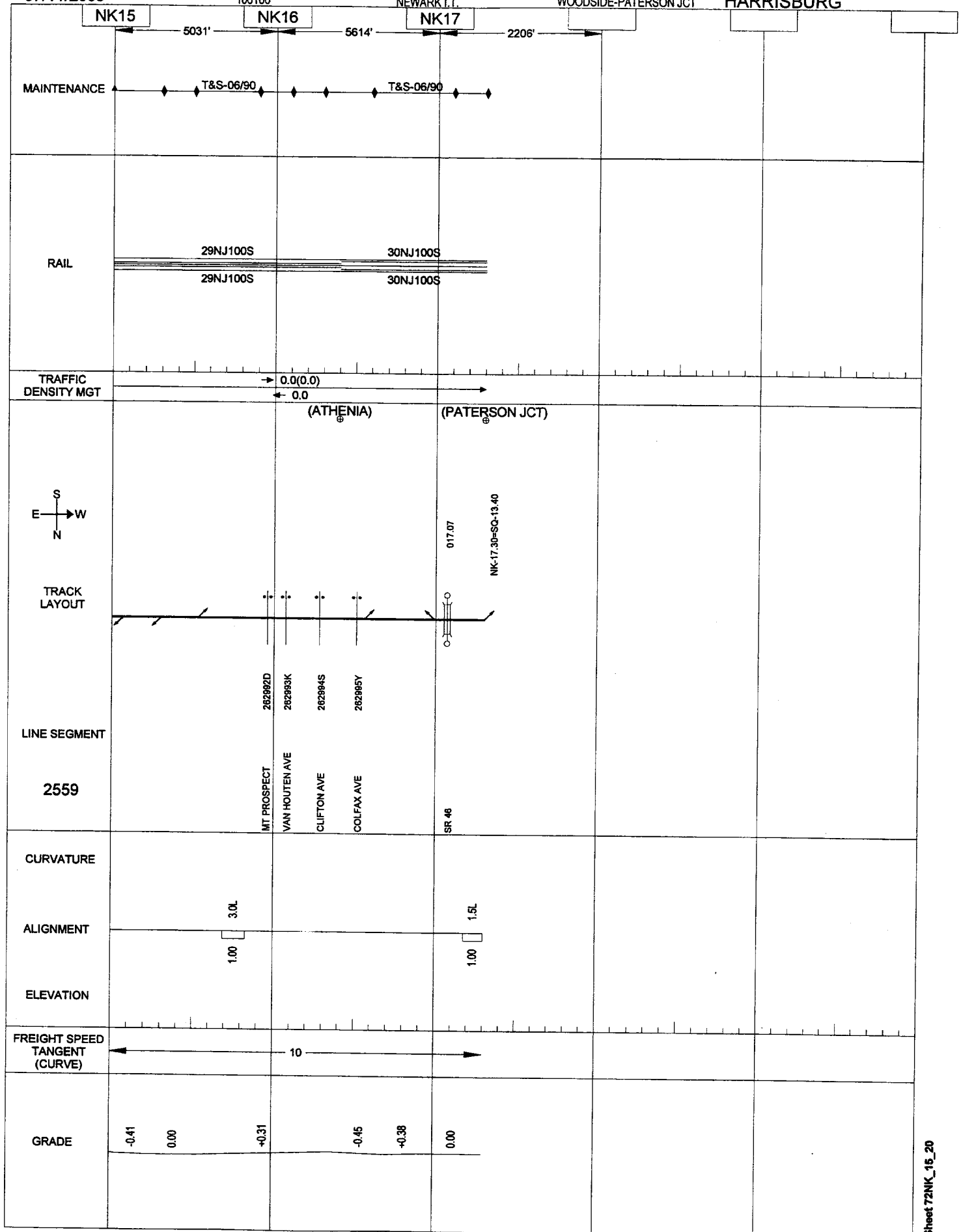
106166

276

NEWARK I.T.

WOODSIDE-PATERSON JCT

HARRISBURG



07/11/2006

106167

277
CARLTON HILL SPUR

RUTHERFORD-CARLTON HILL

HARRISBURG

UQ9

UQ10

1056'

5280'

MAINTENANCE

RAIL

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

TRAFFIC
DENSITY MGT

8309

S
E → W
N

TRACK
LAYOUT

(RUTHERFORD JCT)

(CARLTON HILL)

UQ-8.80-8.70-BC

009.21

MONTROSS AVE

LINE SEGMENT

2660

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.70

-0.87

-0.24

07/11/2006

106167

278

CARLTON HILL SPUR

RUTHERFORD-CARLTON HILL

HARRISBURG

UQ10

1056'

MAINTENANCE

RAIL

TRAFFIC
DENSITY MGT

8309

TRACK
LAYOUT

LINE SEGMENT

2660

263288X

JACKSON AVE

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.24

07/11/2006

106168

279

PASSAIC SPUR

PASSAIC-PATERSON

HARRISBURG

IA13

IA14

IA15

5280'

5280'

5280'

MAINTENANCE

RAIL

54RJ115S
54RJ115S

40NJ112S

40NJ112S

38NJ112S

38NJ112S

TRAFFIC
DENSITY MGT

8309

TRACK
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
283305YGOULD AVE
283306F

MADISON AVE

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

2.8R
1.00
4.4L
1.001.2R
1.00
1.3L
1.000.7L
1.00

10

-0.45

-0.46

07/11/2006

106168

280

PASSAIC SPUR

PASSAIC-PATERSON

HARRISBURG

MAINTENANCE	IA15 1848'					
RAIL	38NJ125 38NJ125					
TRAFFIC DENSITY MGT						
8309 S E → W N TRACK LAYOUT LINE SEGMENT 2519	(PATERSON) XW TO NJT (SUSQ. MI.)					
CURVATURE ALIGNMENT ELEVATION						
FREIGHT SPEED TANGENT (CURVE)	10					
GRADE	+0.70					

07/11/2006

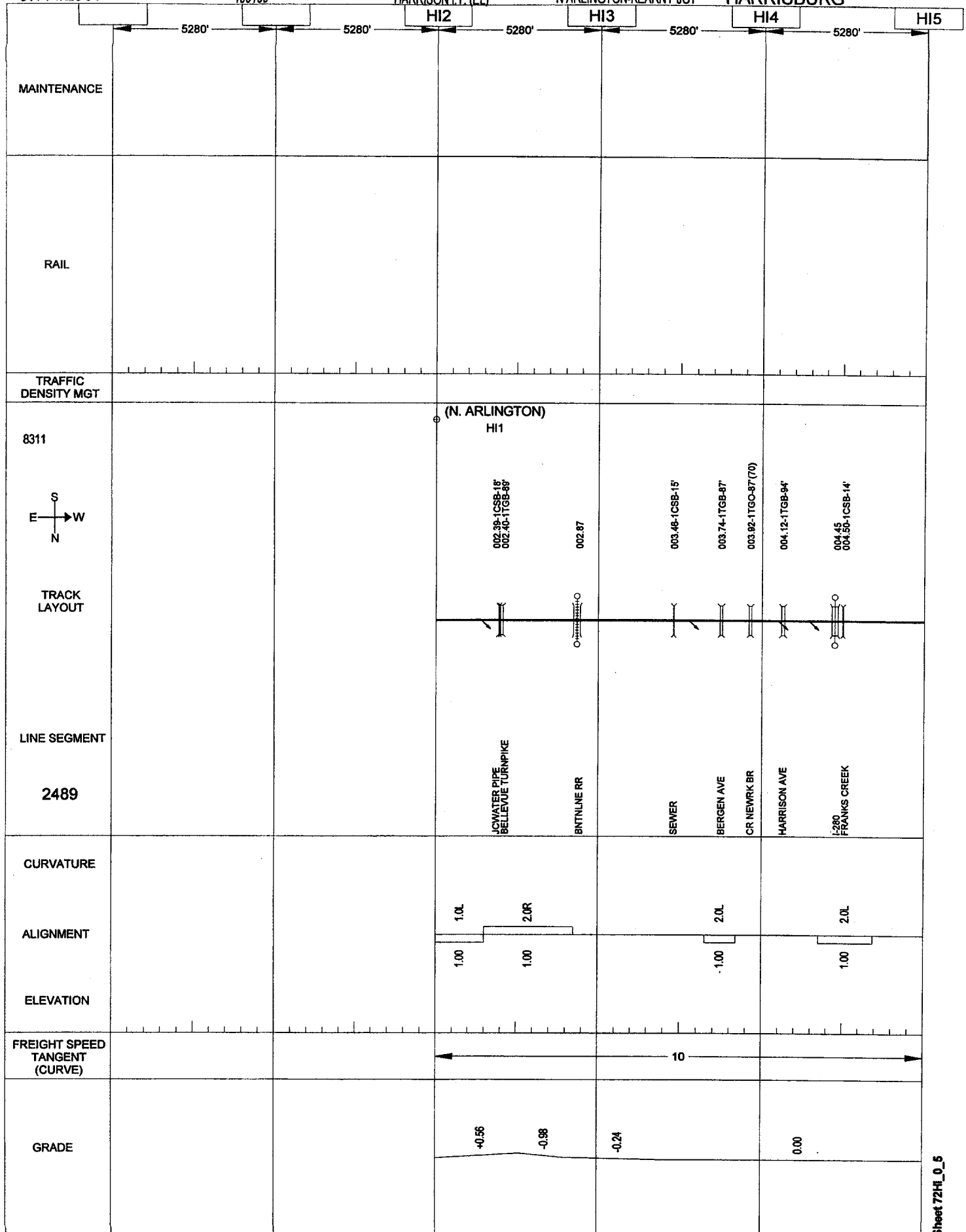
106169

281

HARRISON I.T. (EL)

N ARLINGTON-KEARNY JCT

HARRISBURG



07/11/2006



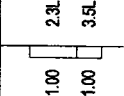
106169

282

HARRISON I.T. (EL)

N ARLINGTON-KEARNY JCT

HARRISBURG

	HI5	2640'					
MAINTENANCE							
RAIL							
TRAFFIC DENSITY MGT							
8311	(KEARNY JCT)						
	TO NJT (MORSTWN ML)						
TRACK LAYOUT							
LINE SEGMENT							
2489							
CURVATURE							
ALIGNMENT							
ELEVATION							
FREIGHT SPEED TANGENT (CURVE)	← 10 →						
GRADE	0.00						

07/11/2006

106170

283
ORANGE I.T.

FOREST HILL-GREAT NOTCH

HARRISBURG

90J

100J

2640'

5280'

MAINTENANCE

RAIL

**RJ110S
 41RJ110S
 50RJ110S
 43RJ110S
 47RJ110S

TRAFFIC
DENSITY MGT

→ 0.0(0.0)
 ← 0.0

8311

S
 E → W
 N

TRACK
LAYOUT

FOREST HILL

BLOOMFIELD

SILVER LAKE
100J

8.50-OJ=WD-8.45

009.00-5CSB-470'
 009.11-2CSB-48'
 009.21-1MAB-12'

LINE SEGMENT

2714

263317T

263318A

263321H

263322P

263323W

263324D

HIGHLAND AVE

MANCHESTER PL
 BRANCH BREAK PARK
 FRANKLIN AVE

STORM SEWER

FRANKLIN AVE

BELMONT AVE

GROVE ST

BLOOMFIELD AVE

CURVATURE

ALIGNMENT

ELEVATION

5.5L
 1.00

3.0R
 1.00

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+1.89

+0.39

-0.95

0.00

+1.09

07/11/2006

106170

284
ORANGE I.T.

FOREST HILL-GREAT NOTCH

HARRISBURG

100J

5280'

MAINTENANCE

RAIL

*PJ110S
 **NJ100S
 *PJ110S
 **NJ100S

TRAFFIC
DENSITY MGT

→ 0.0(0.0)
 ← 0.0

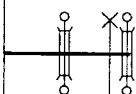
GREAT NOTCH

8311

S
 E → W
 N

010.24

010.49

TRACK
LAYOUT

LINE SEGMENT

263328S

2714

ARLINGTON AVE

LAWRENCE ST

GARDEN STATE PKWY

CURVATURE

ALIGNMENT

1.0R

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+1.09

-0.33

07/11/2006

106172

285
POMPTON I.T.
PQ22

MOUNTAIN VIEW-POMPTON JC

HARRISBURG

MAINTENANCE

T&S-06/90

RAIL

26NJ100S

26NJ100S

TRAFFIC
DENSITY MGT

8311



TRACK
LAYOUT

(MOUNTAIN VIEW)

021.88-1CSB-12'

PQ-21.40=WD-21.40

PQ-21.90=TD-21.00

SPRING ROAD

LINE SEGMENT

2582

CURVATURE

ALIGNMENT

ELEVATION

2.0R
1.00

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

0.00

07/11/2006

106173

286
TOTOWA SPUR

LITTLE FALLS-MOUNTAIN VI

HARRISBURG

TO18

TO19

TO20

5280'

5280'

T&S-06/85

MAINTENANCE

RAIL

*RJ131S
52N132S

64RJ105S

*RJ131S
52N132S

64RJ105S

TRAFFIC
DENSITY MGT

8311

TRACK
LAYOUT

(LITTLE FALLS)

(TOTOWA)
TO19

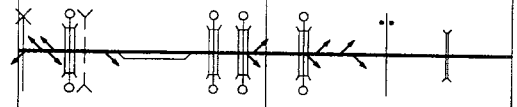
018.21

018.79

018.91

019.15

019.73-1DGO-44'(NA)

LACKAWANNA AVE
266803TUNION BLVD
PRIVATE
266804AMINISINK RD
I-80

RIVERVIEW RD

TAFT RD

SINGAC BROOK

LINE SEGMENT

2636

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

1.5R
1.001.0R
1.00

10

0.00

-0.08

07/11/2006

106173

287
TOTOWA SPUR

LITTLE FALLS-MOUNTAIN VI

HARRISBURG

	TO20	5280'	TO21						
MAINTENANCE	T&S-06/90								
RAIL	64RJ105S								
	64RJ105S								
TRAFFIC DENSITY MGT									
8311	(MOUNTAIN VIEW)								
TRACK LAYOUT									
LINE SEGMENT									
2636									
CURVATURE									
ALIGNMENT									
ELEVATION									
FREIGHT SPEED TANGENT (CURVE)									
GRADE									

07/11/2006

106192

288

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

S
E → W
N

TRACK
LAYOUT

BILL (NJT)

TO NJT

058.00-1CSB-35'

058.11-1CSB-12'

058.20

058.34

058.61

058.18-1CSB-17'

058.42-1MAB-16'

058.64-1BSO-17'(88)

LINE SEGMENT

2232

GRAND AVE

WATERWAY

ALLEN RD

DIRT RD

DIRT RD

268975B

AIRPORT RD

CATTLE PASS

WATERWAY

CATTLE PASS

HAZEN RD

268972F

CURVATURE

ALIGNMENT

ELEVATION

1.5R
1.00

0.3L
1.00

0.3L
1.00

0.1R
1.00

0.1R
1.00

0.2L
1.00

FREIGHT SPEED
TANGENT
(CURVE)

25

GRADE

0.00

-0.71

-0.89

07/11/2006

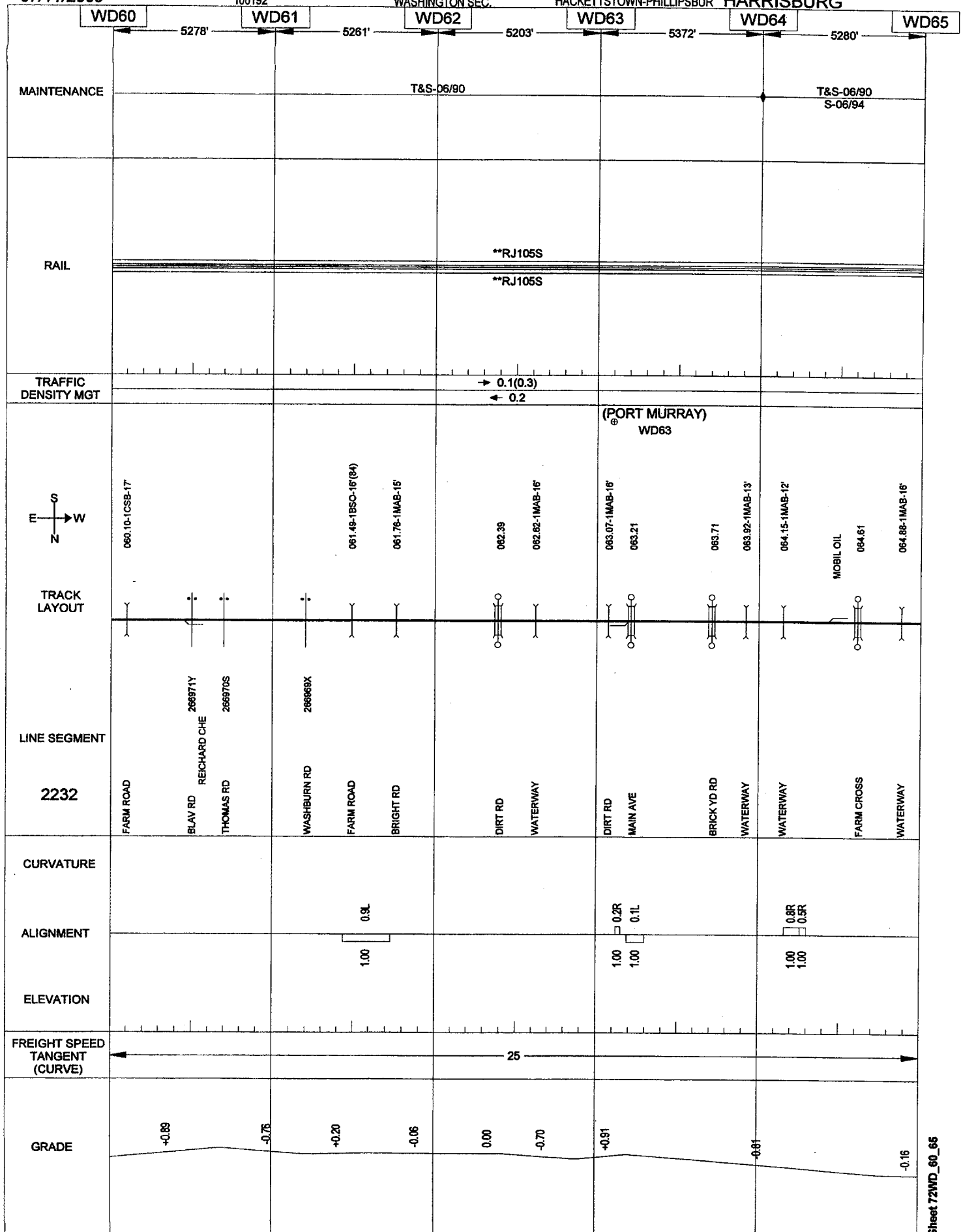
106192

289

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG



07/11/2006

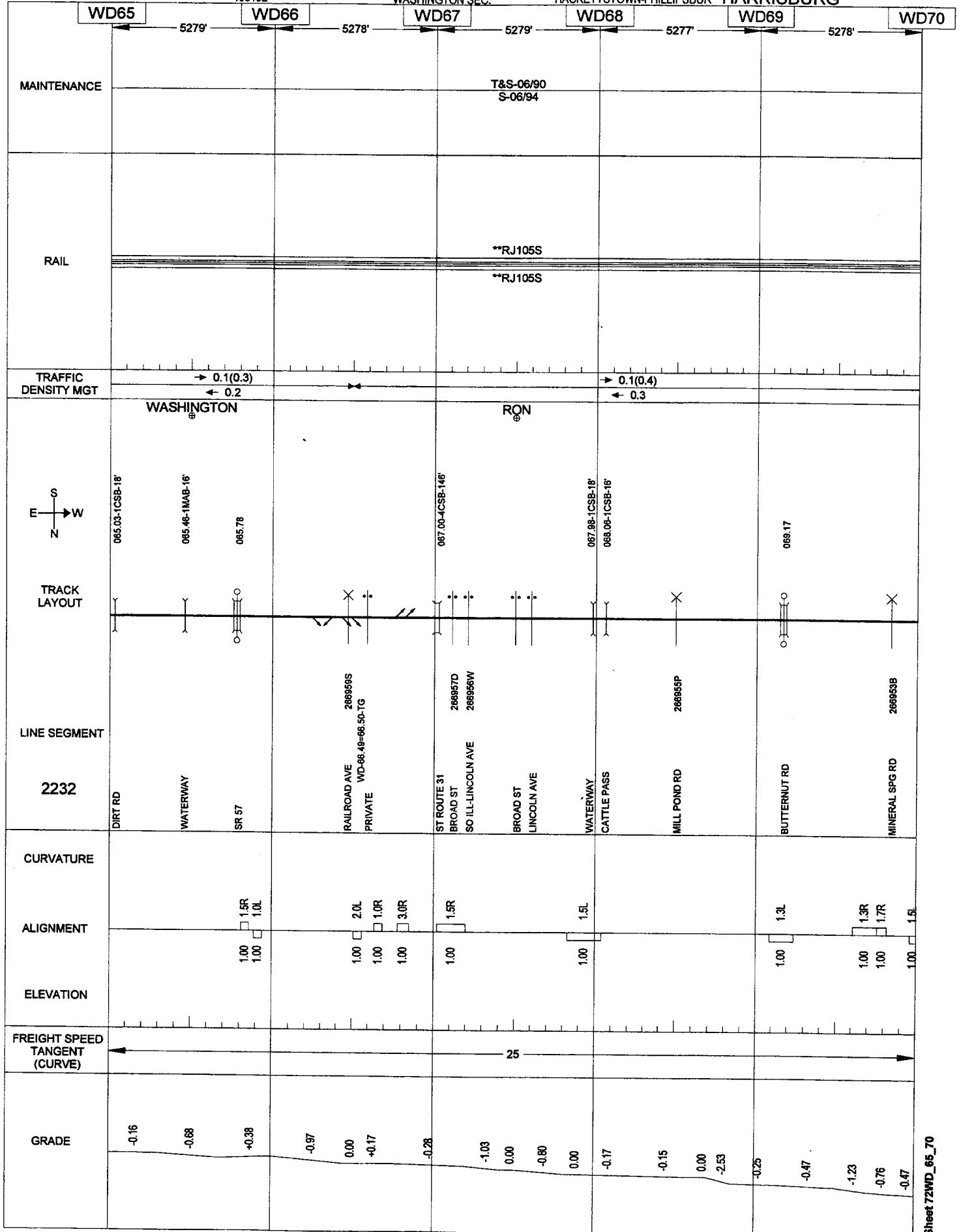
106192

290

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG



HARRISBURG

WD75

075

T&S-06/90
S-06/94

***RJ118S

$$\begin{array}{r} \rightarrow 0.1(0.4) \\ \leftarrow 0.3 \end{array}$$

(NEW VILLAGE)

07A 61-10 SEP 18'

TRACK LAYOUT

2232

SCOT MT RD

ELEVATION

1.00
1.3L

**FREIGHT SPEED
TANGENT
(CURVE)**

51

51

Sheet 72WD_70_75

07/11/2006

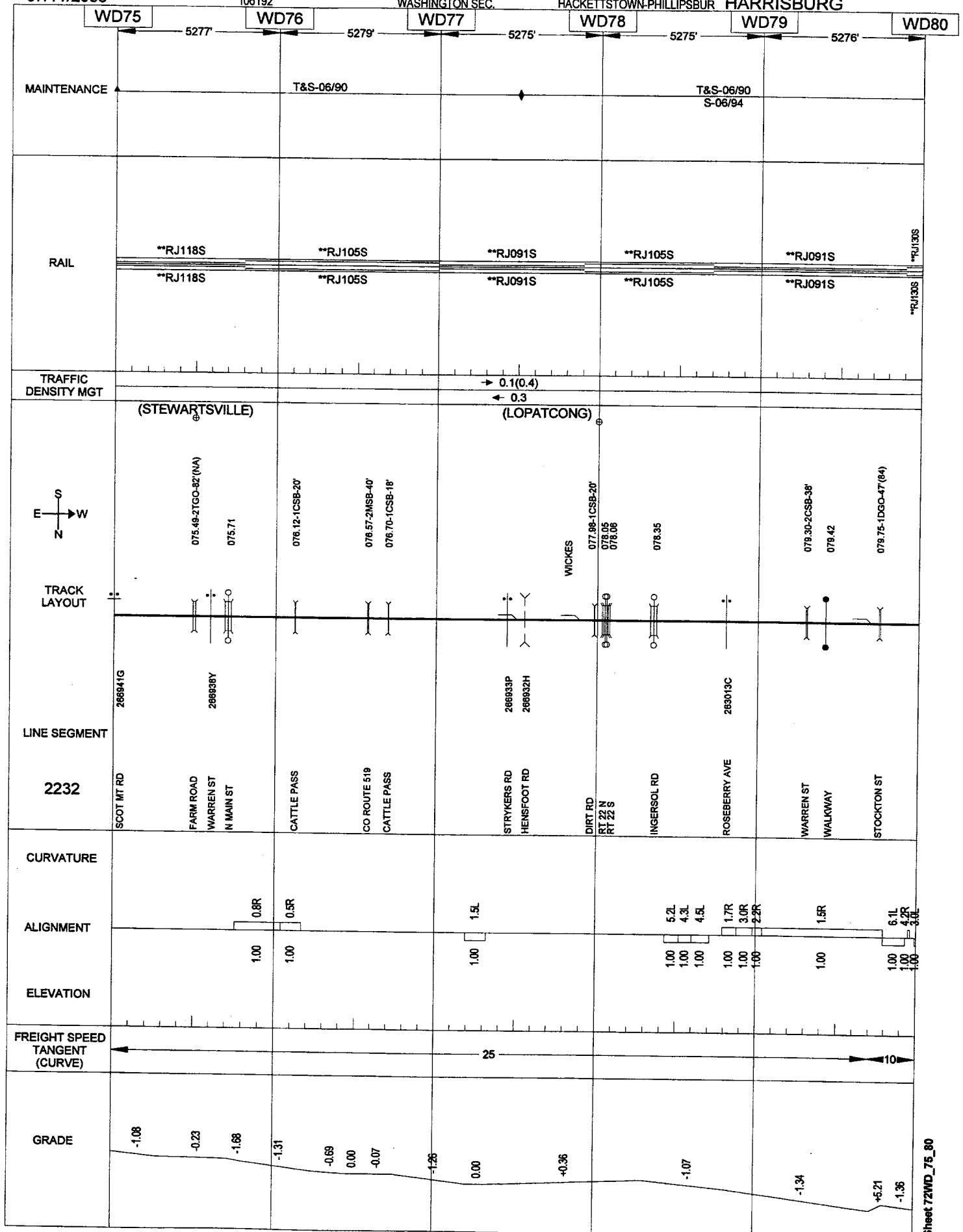
106192

292

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG



07/11/2006

106192

293

WASHINGTON SEC.

HACKETTSTOWN-PHILLIPSBUR

HARRISBURG

	WD80	1566'				
MAINTENANCE						
RAIL	*RJ130S <hr/> <hr/> <hr/> *RJ130S					
TRAFFIC DENSITY MGT	→ 0.1(0.4) ← 0.3					
8451	CP PHILLIPSBURG					
 TRACK LAYOUT	 0+80.23 WD-80.30-LE-76.28					
LINE SEGMENT						
2232	S MAIN ST					
CURVATURE						
ALIGNMENT	3.0L 1.00 9.5L 1.00					
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)	10					
GRADE	-1.36 0.00					

07/11/2006

106194

294
OLD ROAD I.T.
67TG

WASHINGTON-END

HARRISBURG

2640' 3168'

MAINTENANCE

RAIL

**RJ105S
**RJ105S

TRAFFIC
DENSITY MGT

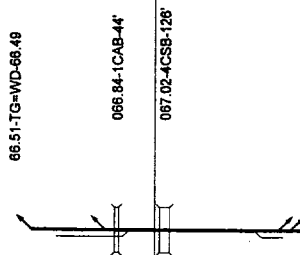
0.0(0.0)
0.0

(WASHINGTON)

8326



TRACK
LAYOUT



LINE SEGMENT

2810

CURVATURE

ALIGNMENT



ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.43 +1.07 -0.19

07/11/2006

306301

295

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG

SR213

SR214

SR215

4986'

5285'

T&S-07/04

T&S-07/04

#2
MAINTENANCE
#1

#2

RAIL

#1

49NJ132S

47NJ131S

53NJ132S

48NJ132S

88RW140S

49NJ132S

47NJ131S

53NJ132S

48NJ132S

88RW140S

49NJ131S

48RW132S

53NJ132S

48NJ132S

88RW140S

63RJ132S

49NJ131S

48RW132S

53NJ132S

48NJ132S

88RW140S

63RJ132S

TRAFFIC
DENSITY MGT

8.0(9.3#2)

10.6(9.3#1)

8.0(9.3#2)

10.7(9.3#1)

8328

TRACK
LAYOUT#2
#1

LINE SEGMENT

2093

CP BD BINGHAMTON
LIBERTY ST. SR214 PROSPECT AVE.TEST
MILETEST
MILE

213.28-1TGB-80'

213.48-1MAB-10'

213.50-4CSB-66'

213.80

214.01

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

214.42-3MSB-71'

214.48-4CSB-78'

214.62-4CSB-72'

COURT ST
CP SM 18 14-NSCITY SEWER
BRANDY AVE

SR 383, BRANDYWINE

CHENANGO ST

STATE ST, WATER ST

FRONT ST

CLINTON ST

MURRAY ST

CURVATURE

#2

ALIGNMENT

#1

ELEVATION

0.5L	0.5R	2.7R
1.00	1.00	1.00
0.5L	0.5R	2.7R
1.00	1.00	1.00

FREIGHT SPEED
TANGENT
(CURVE)

40

40

30

30

GRADE

+0.24

+0.28

-0.11

07/11/2006

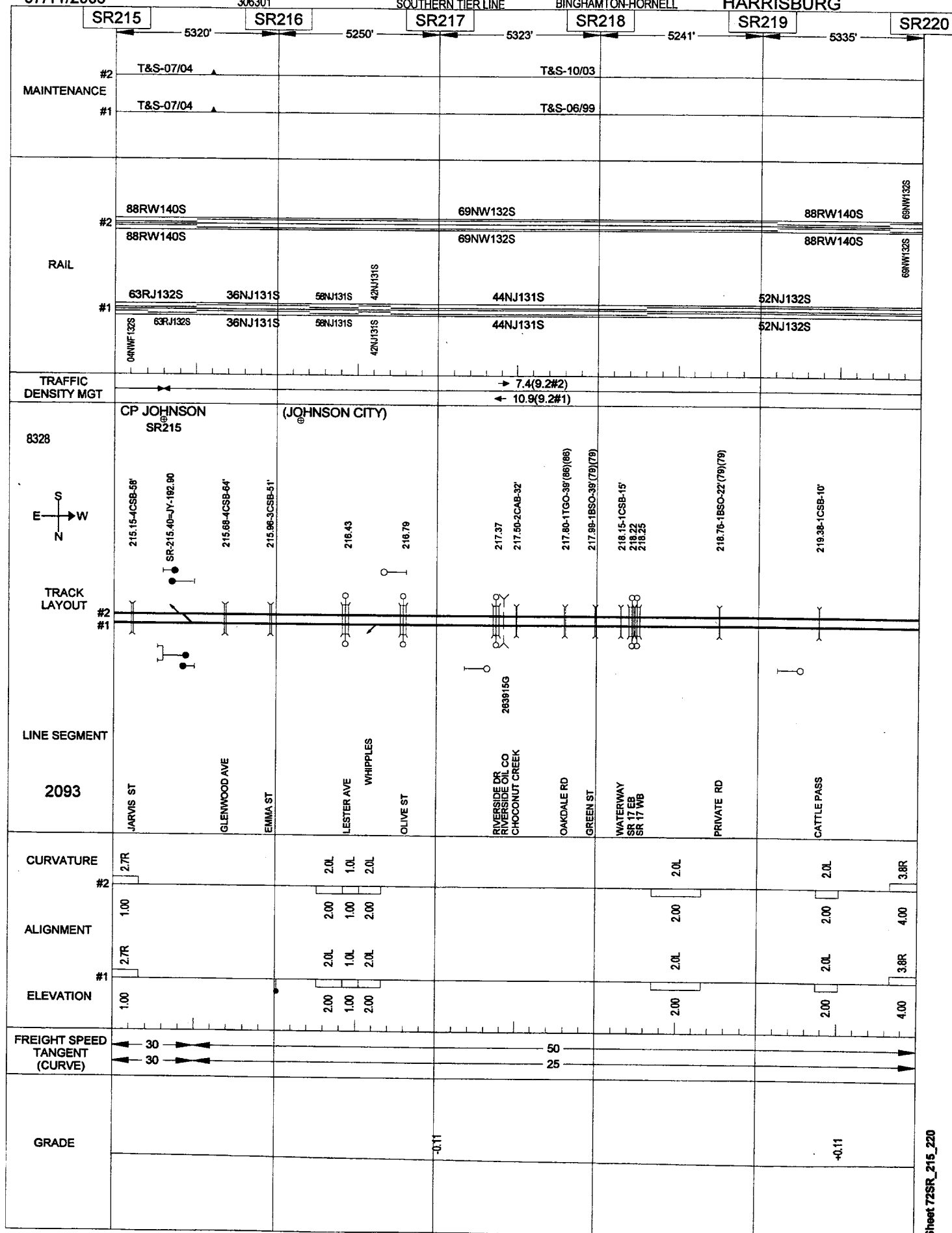
306301

296

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

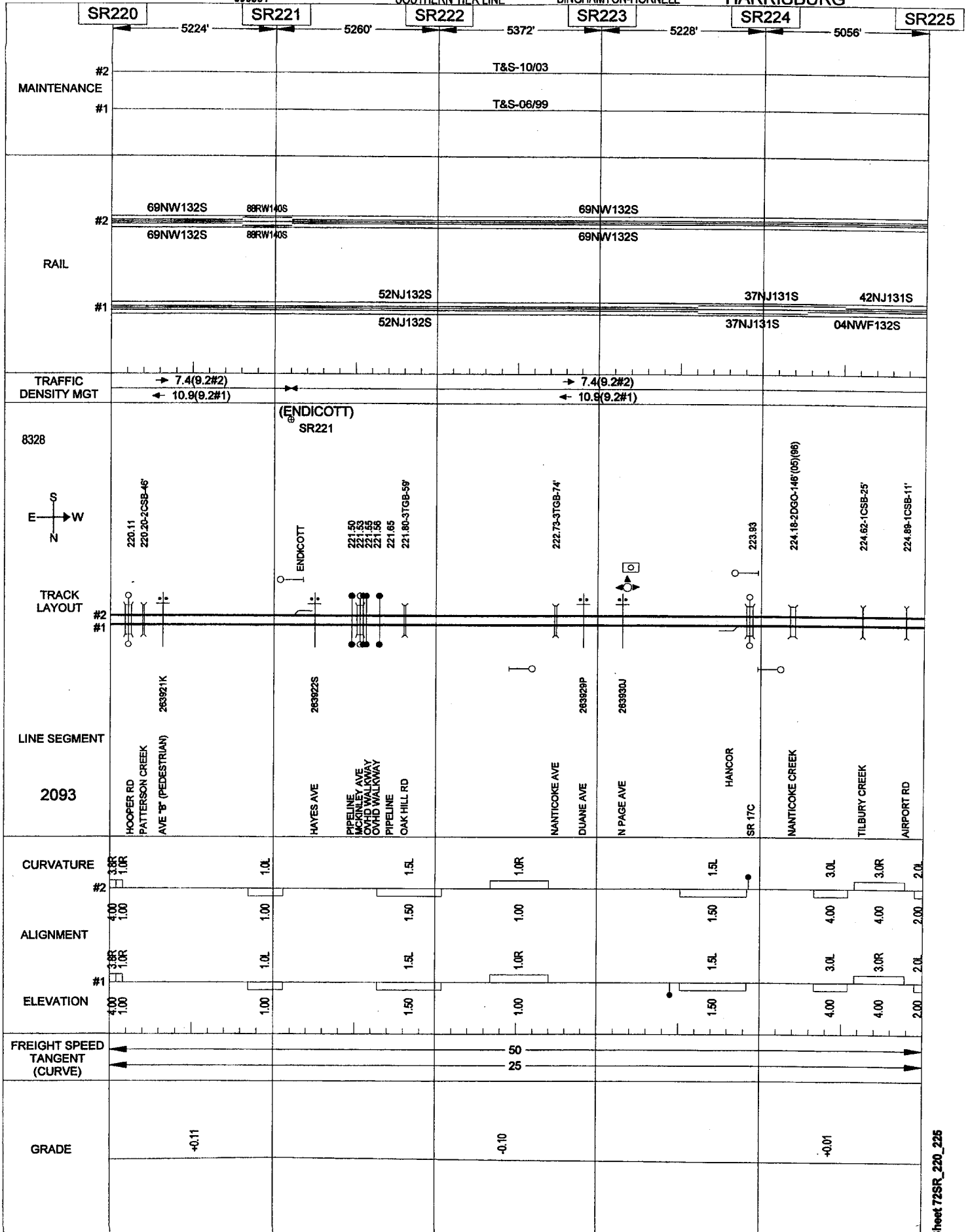
306301

297

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

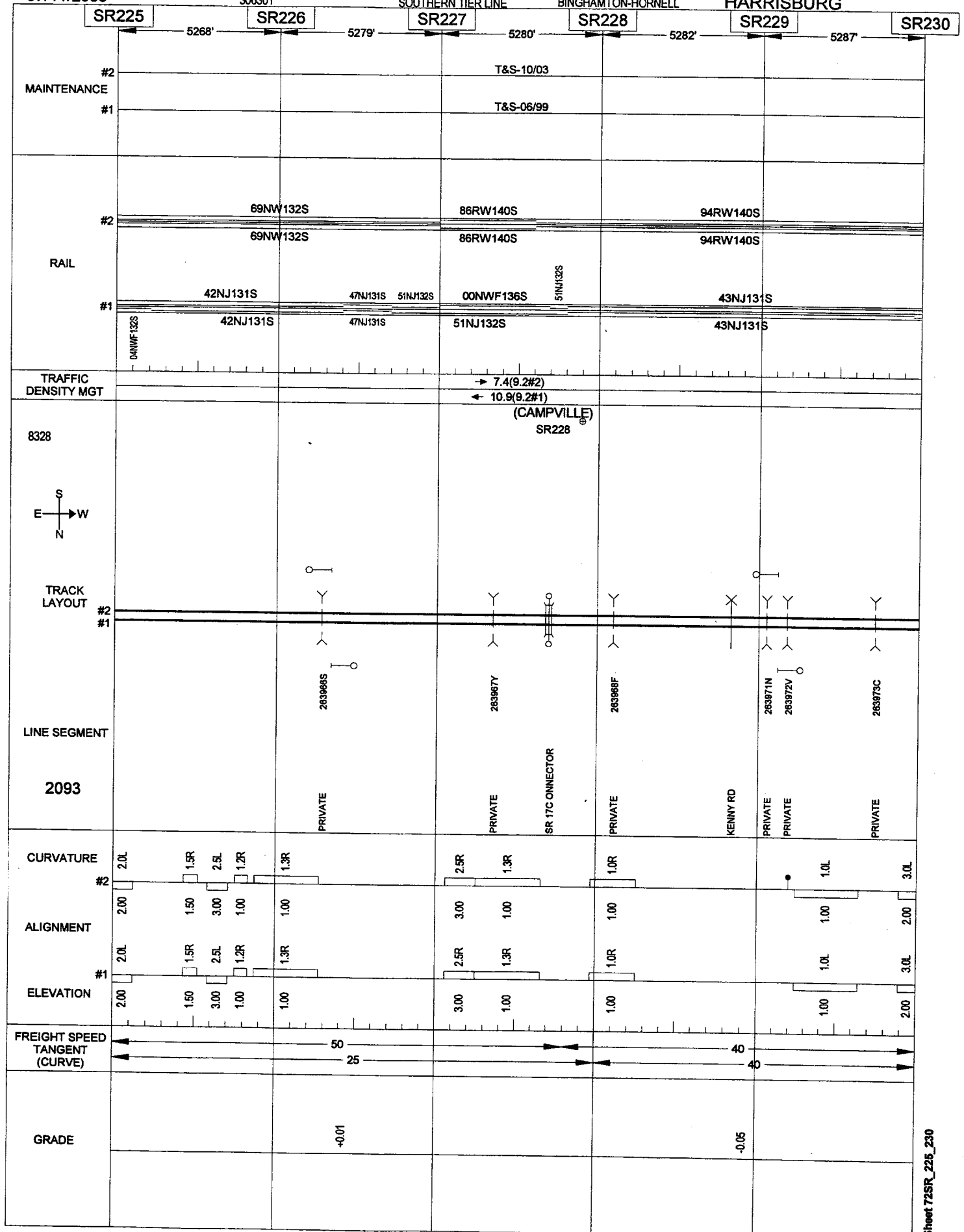
306301

298

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

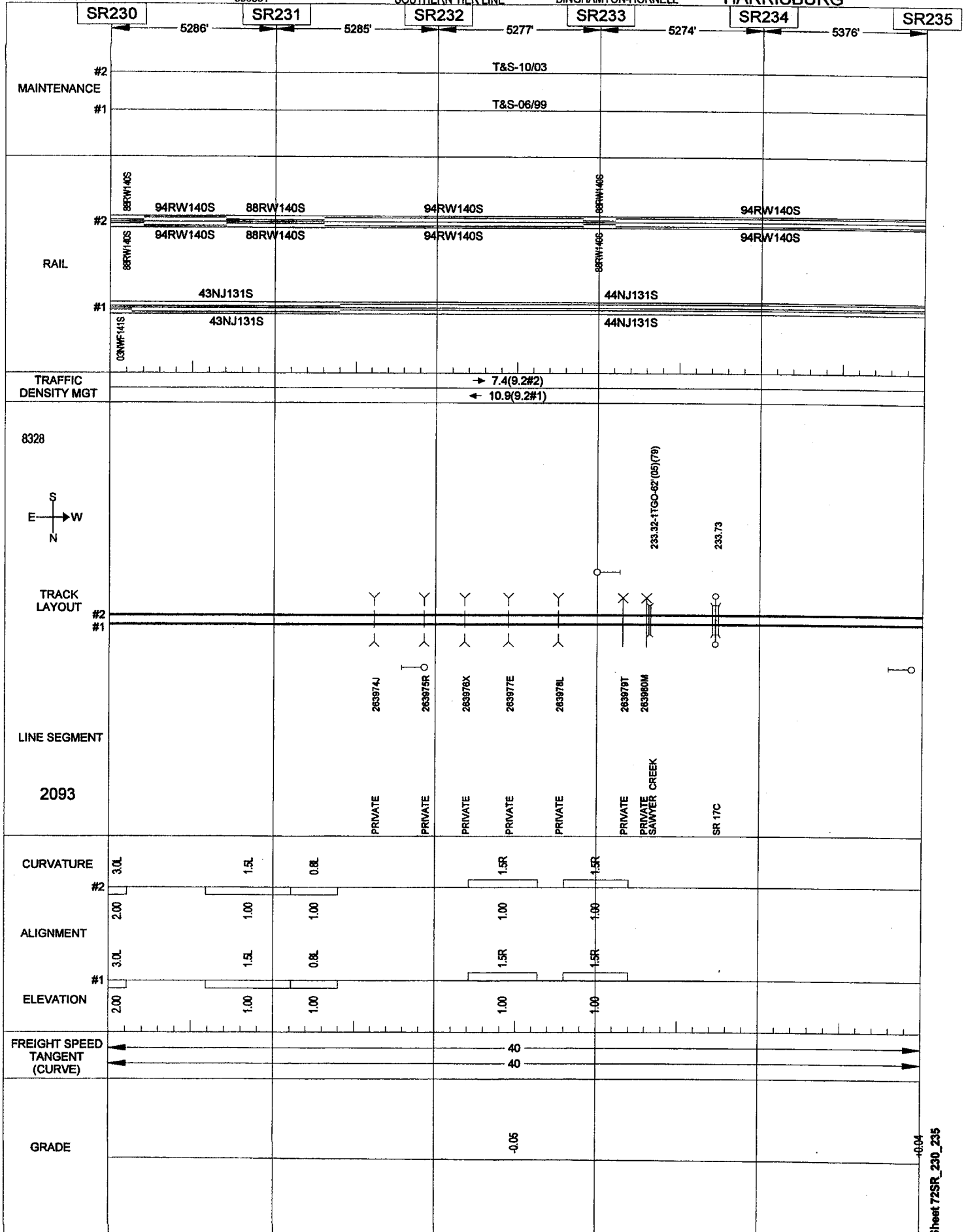
306301

299

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

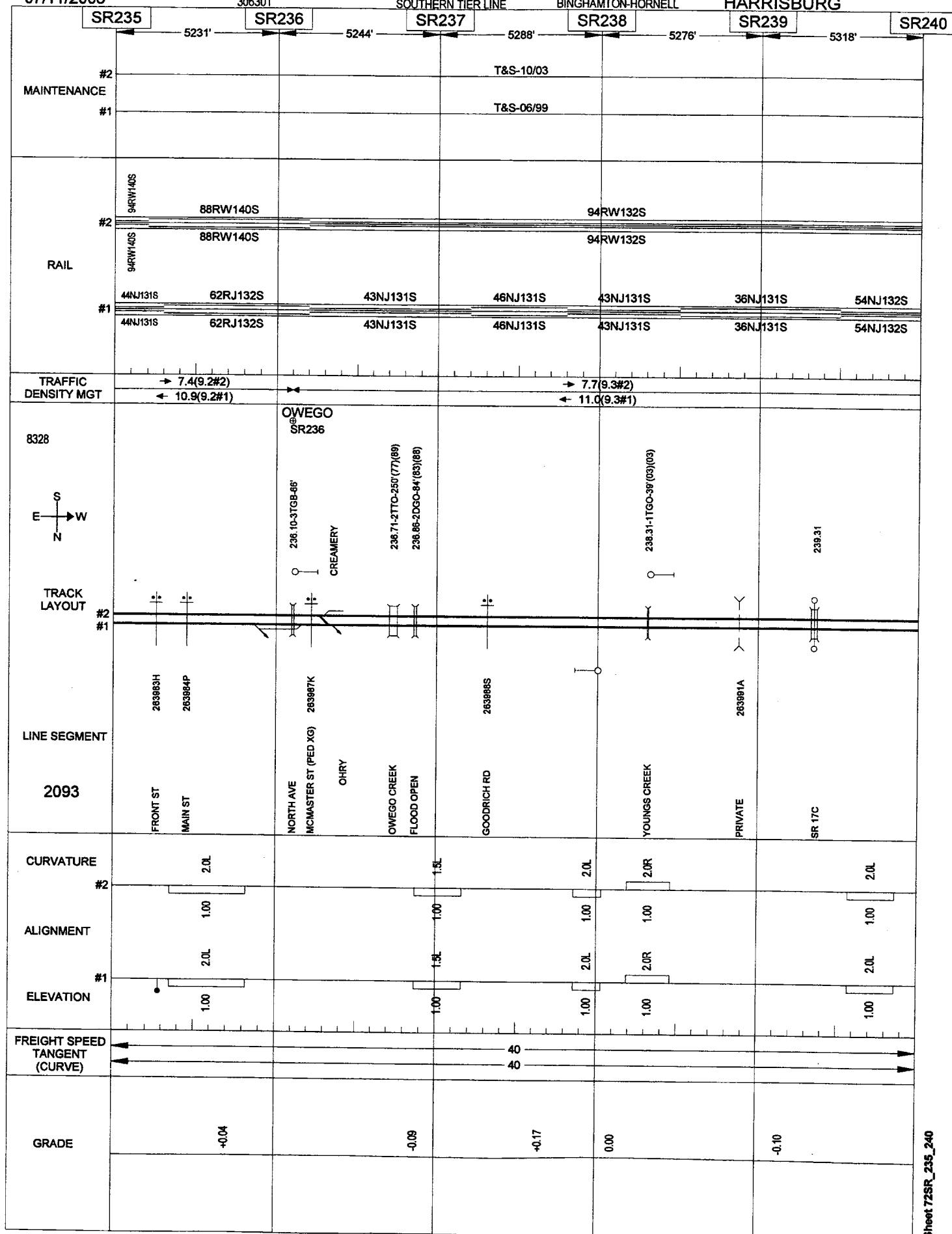
306301

300

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

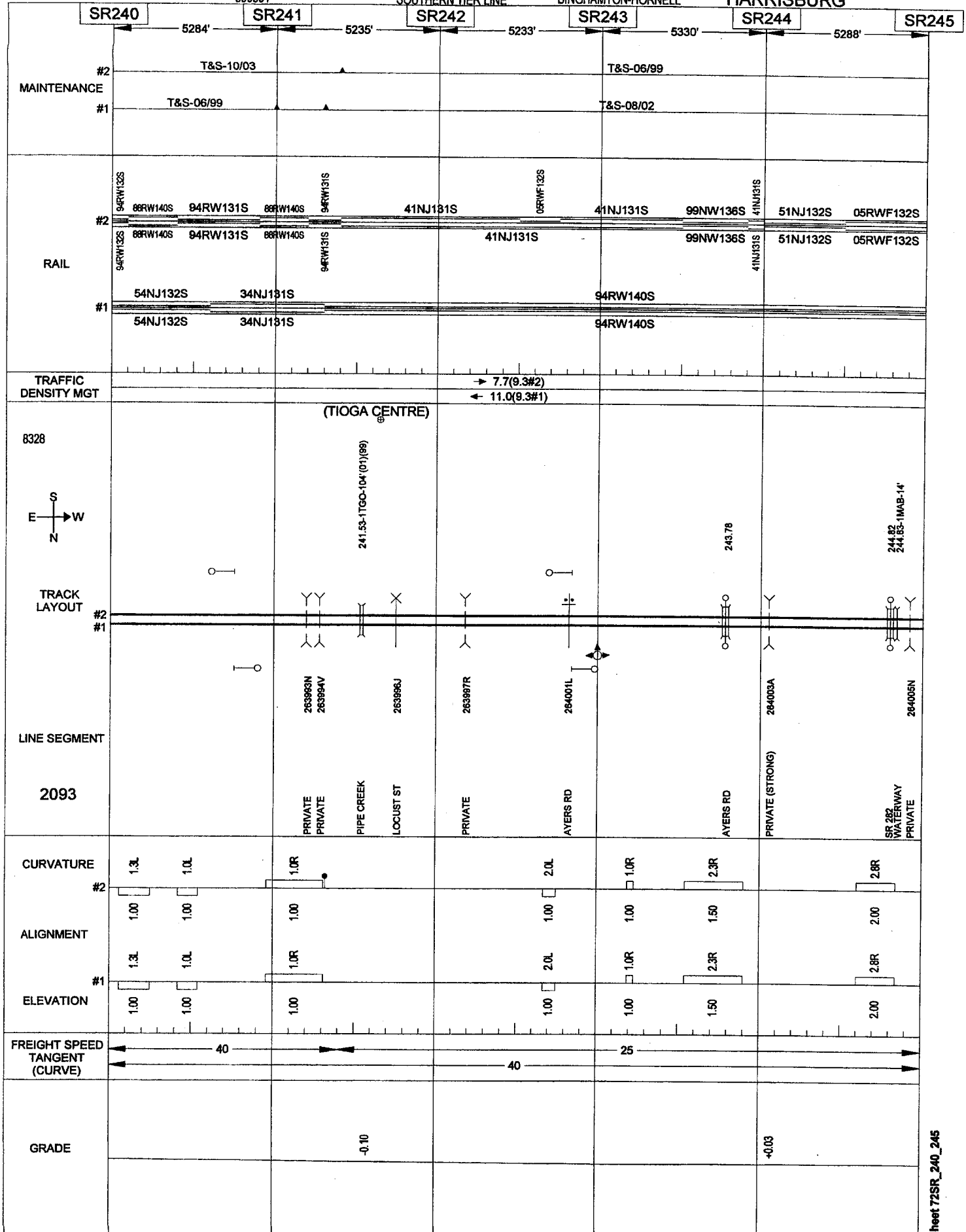
306301

301

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

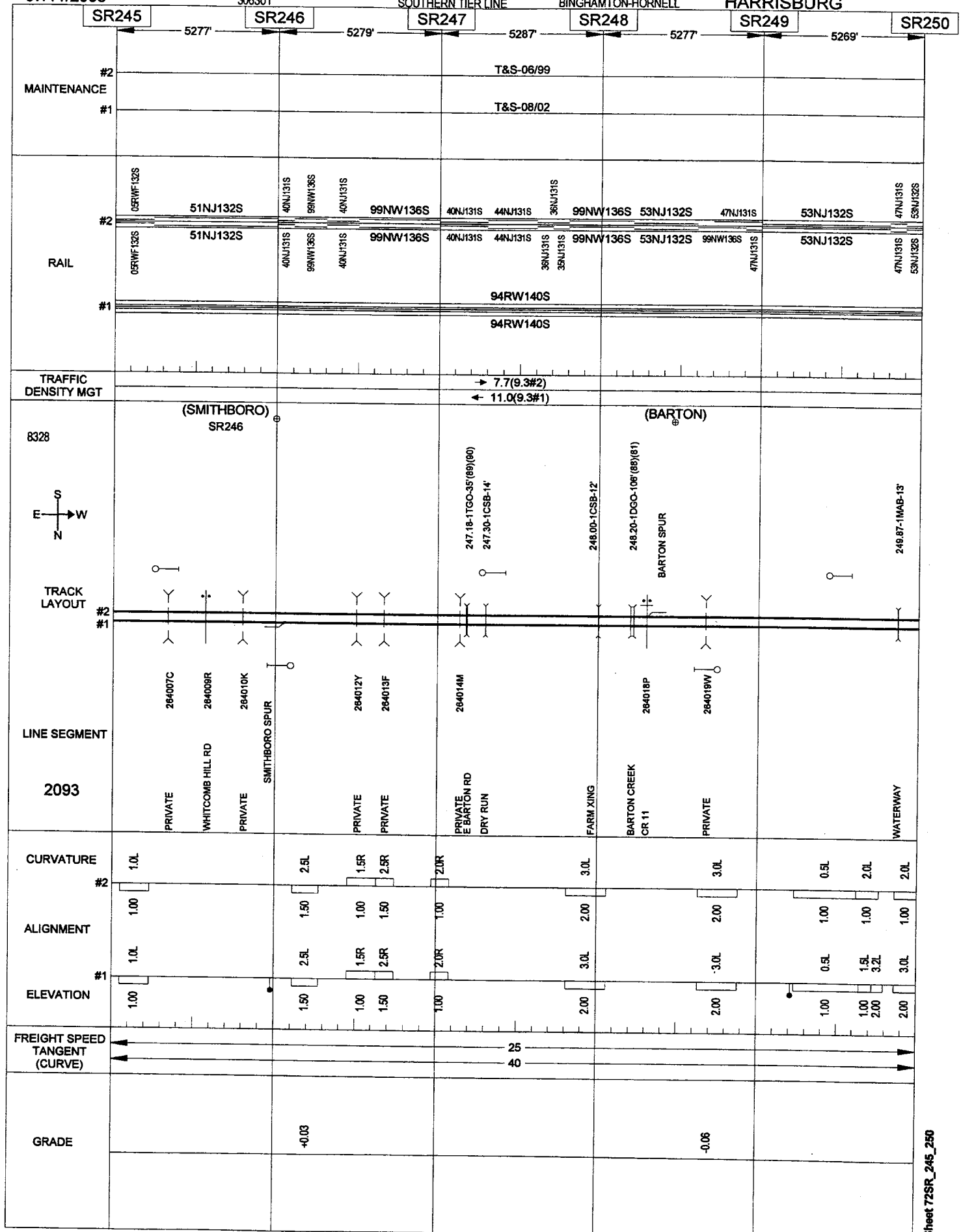
306301

302

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

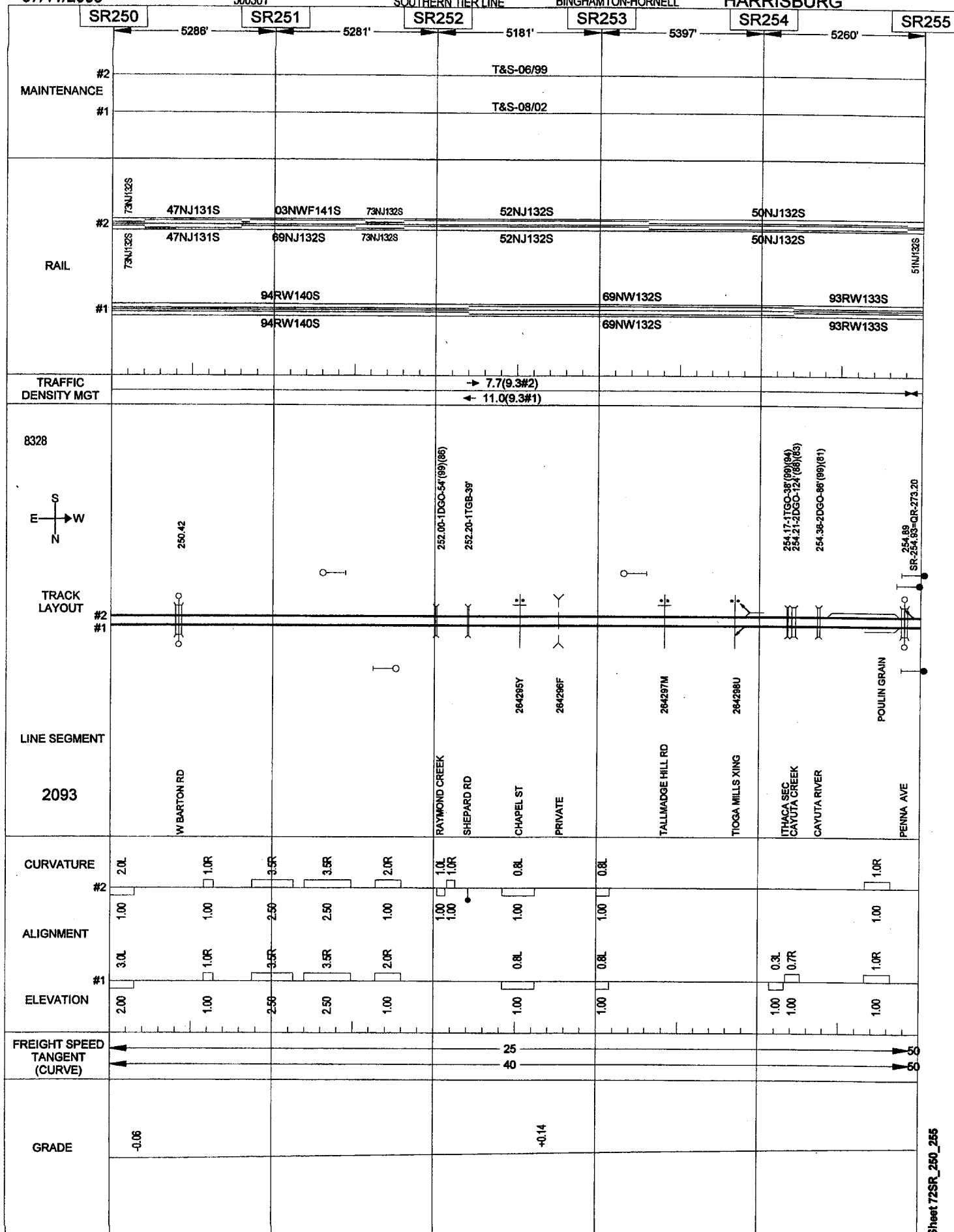
306301

303

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

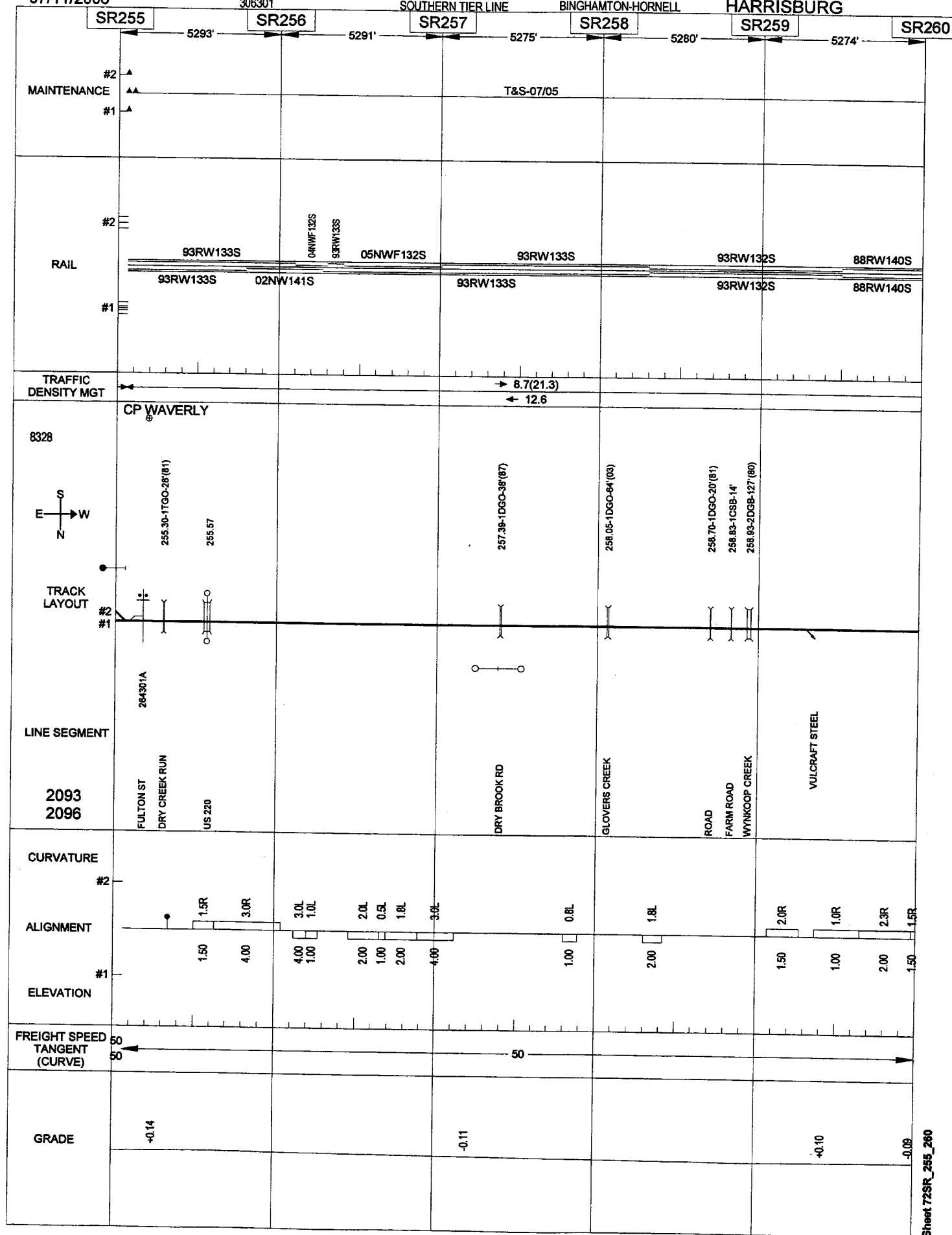
306301

304

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



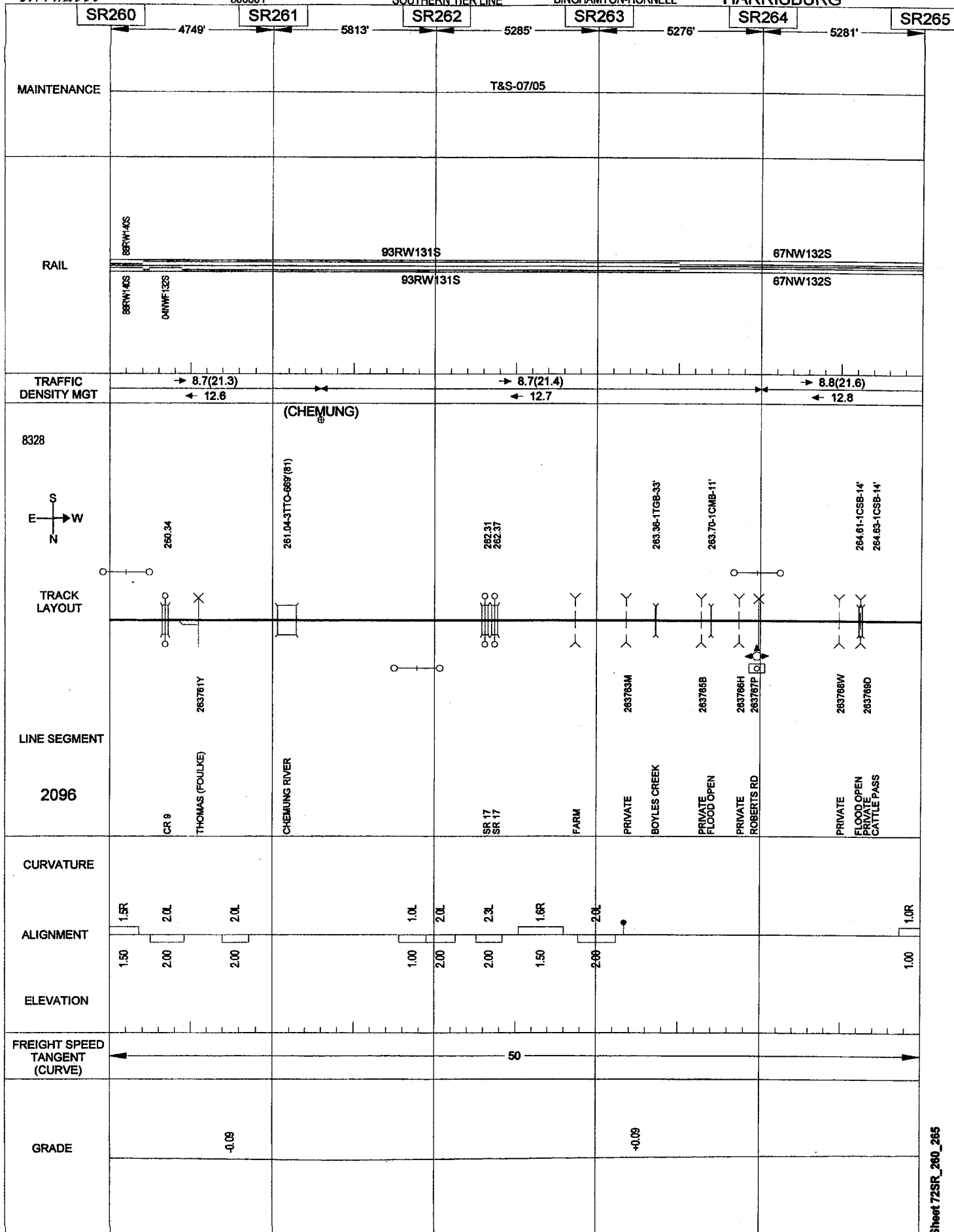
07/11/2006

306301

305
SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

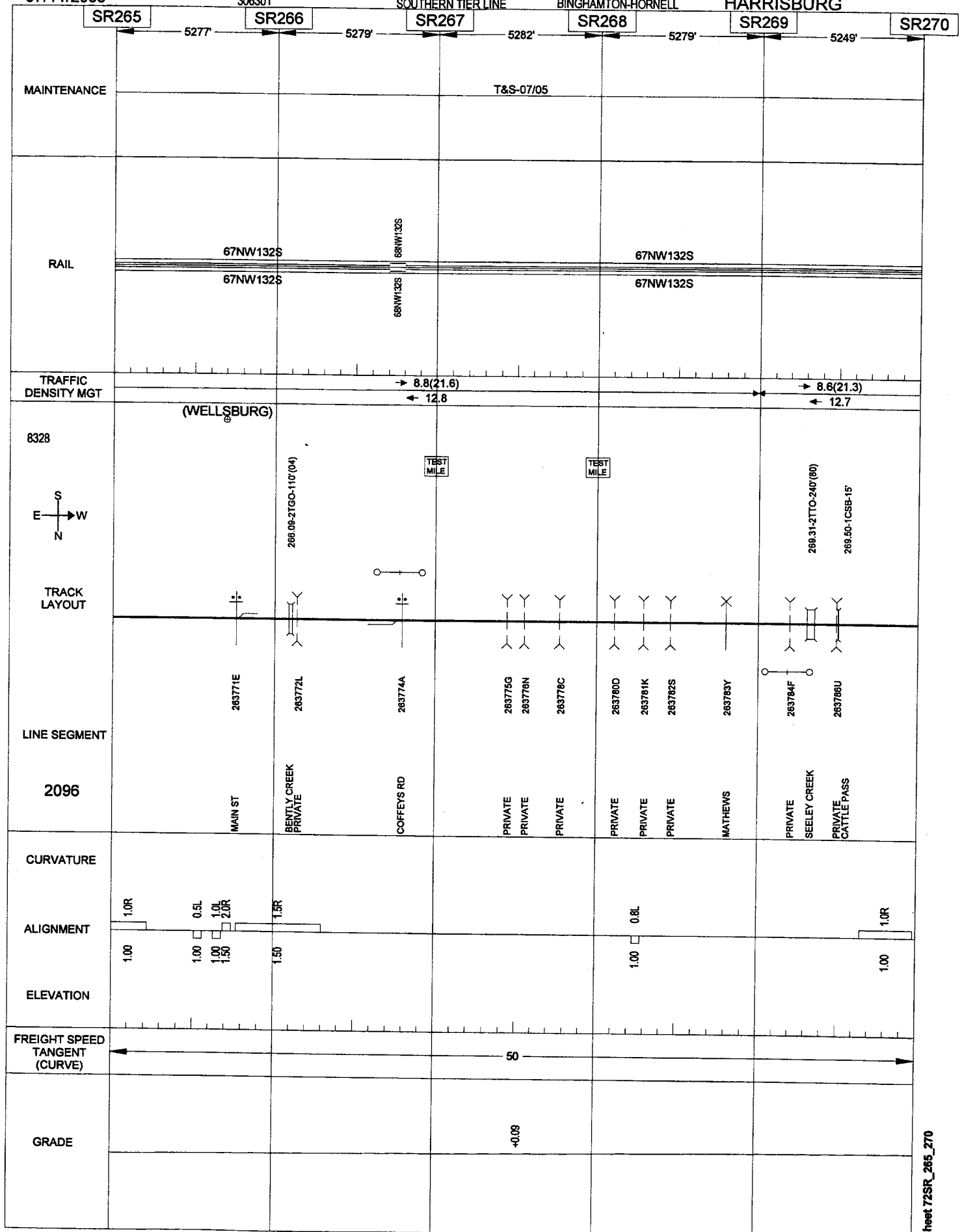
306301

306

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

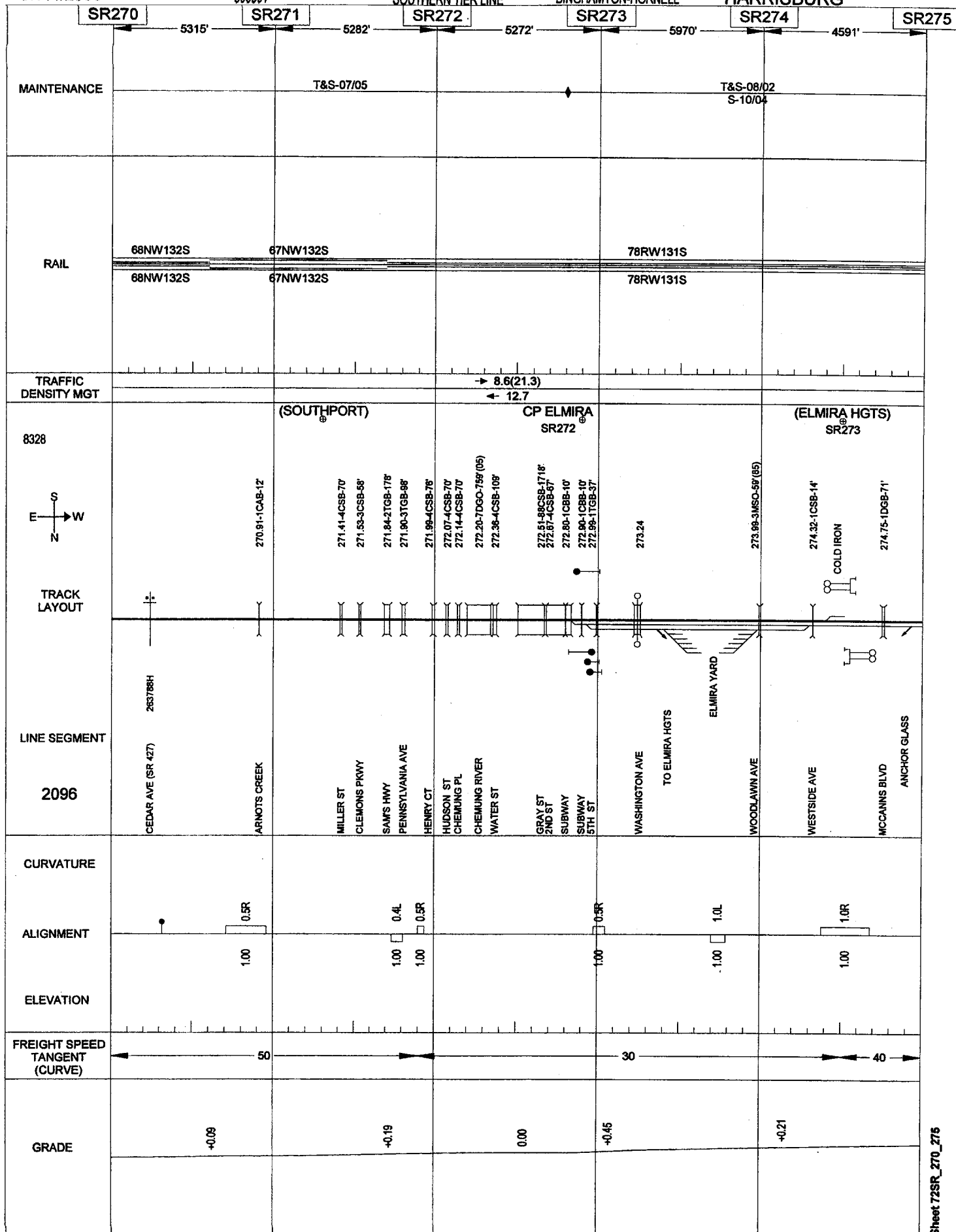
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307

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

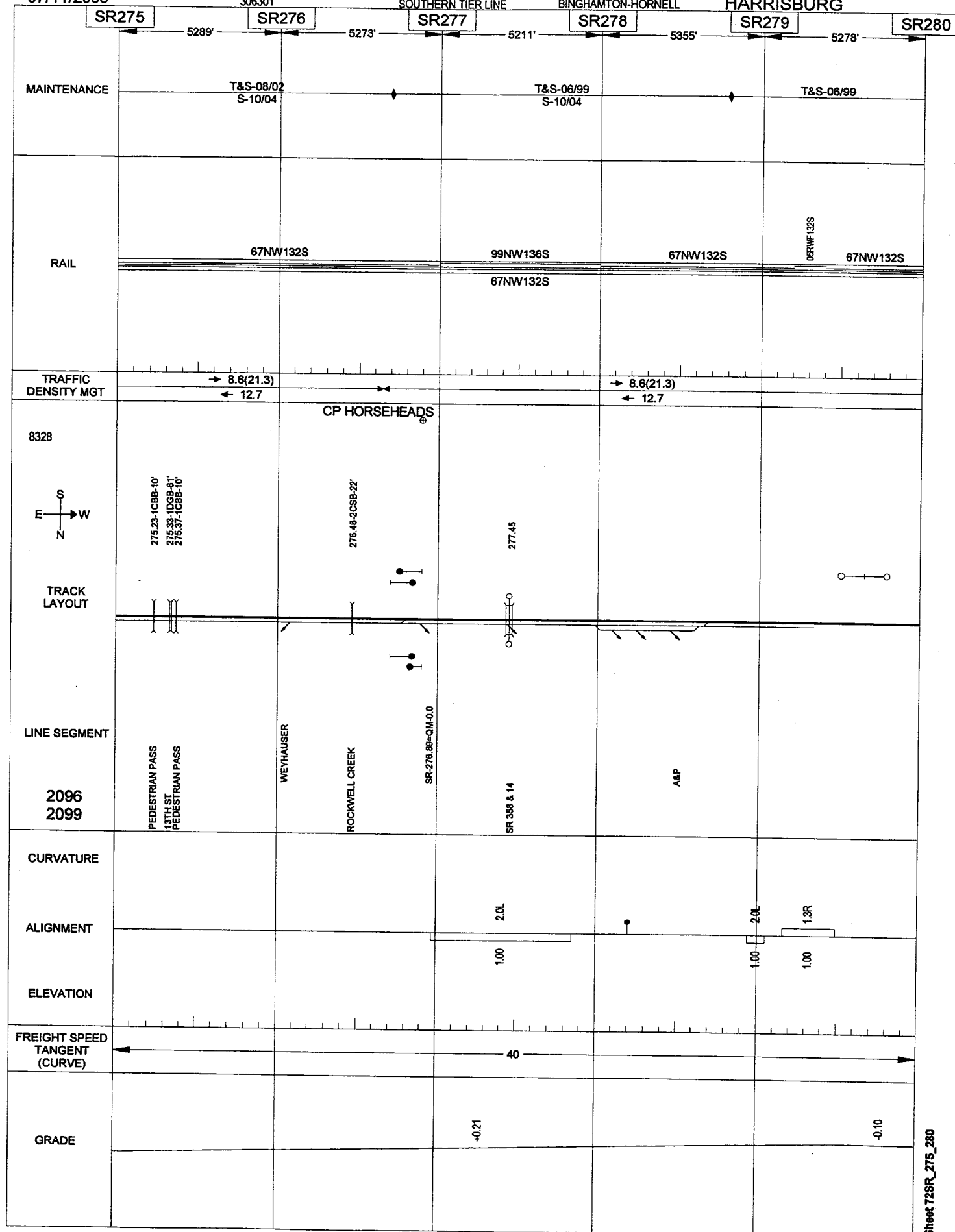
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308

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

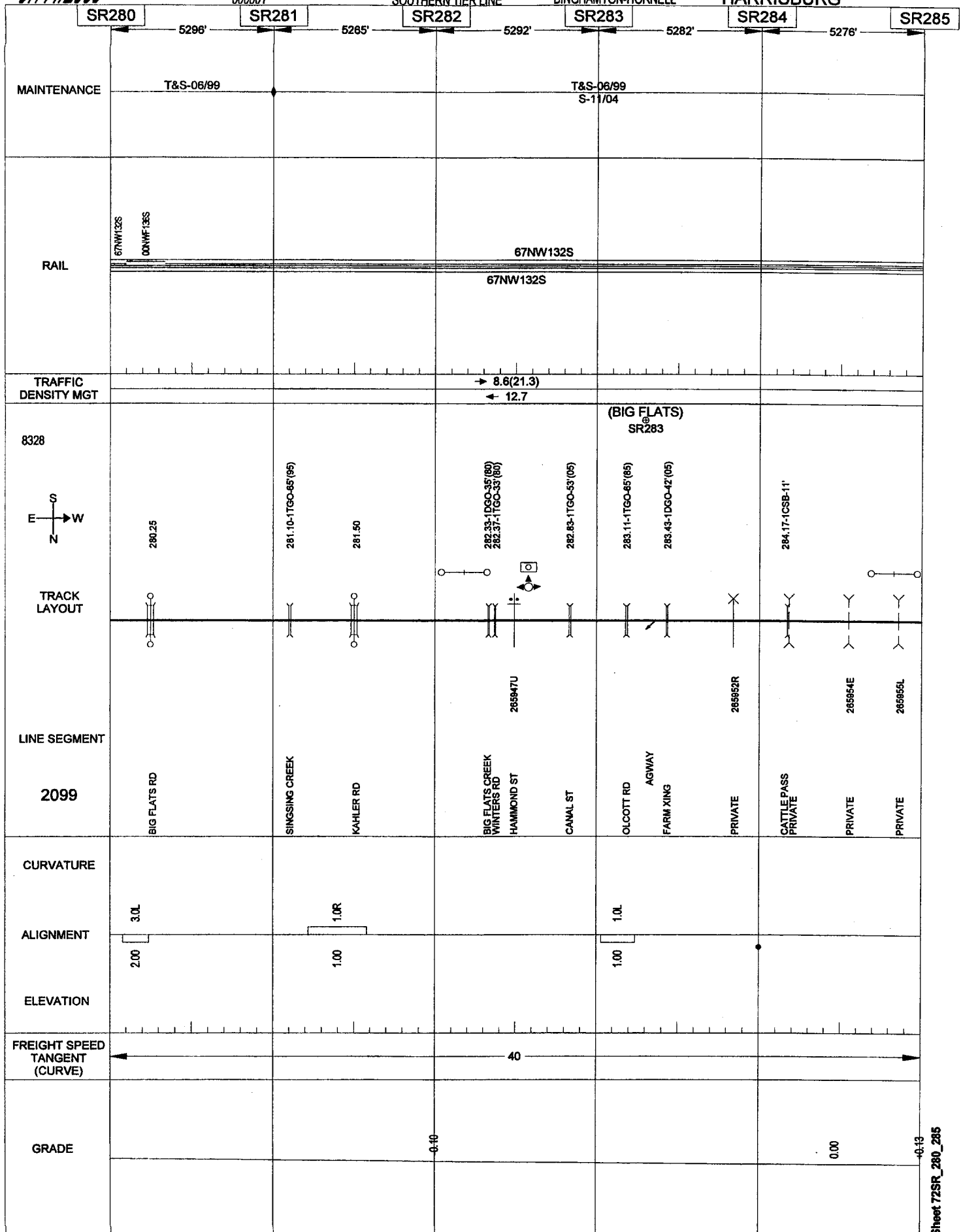
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309

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

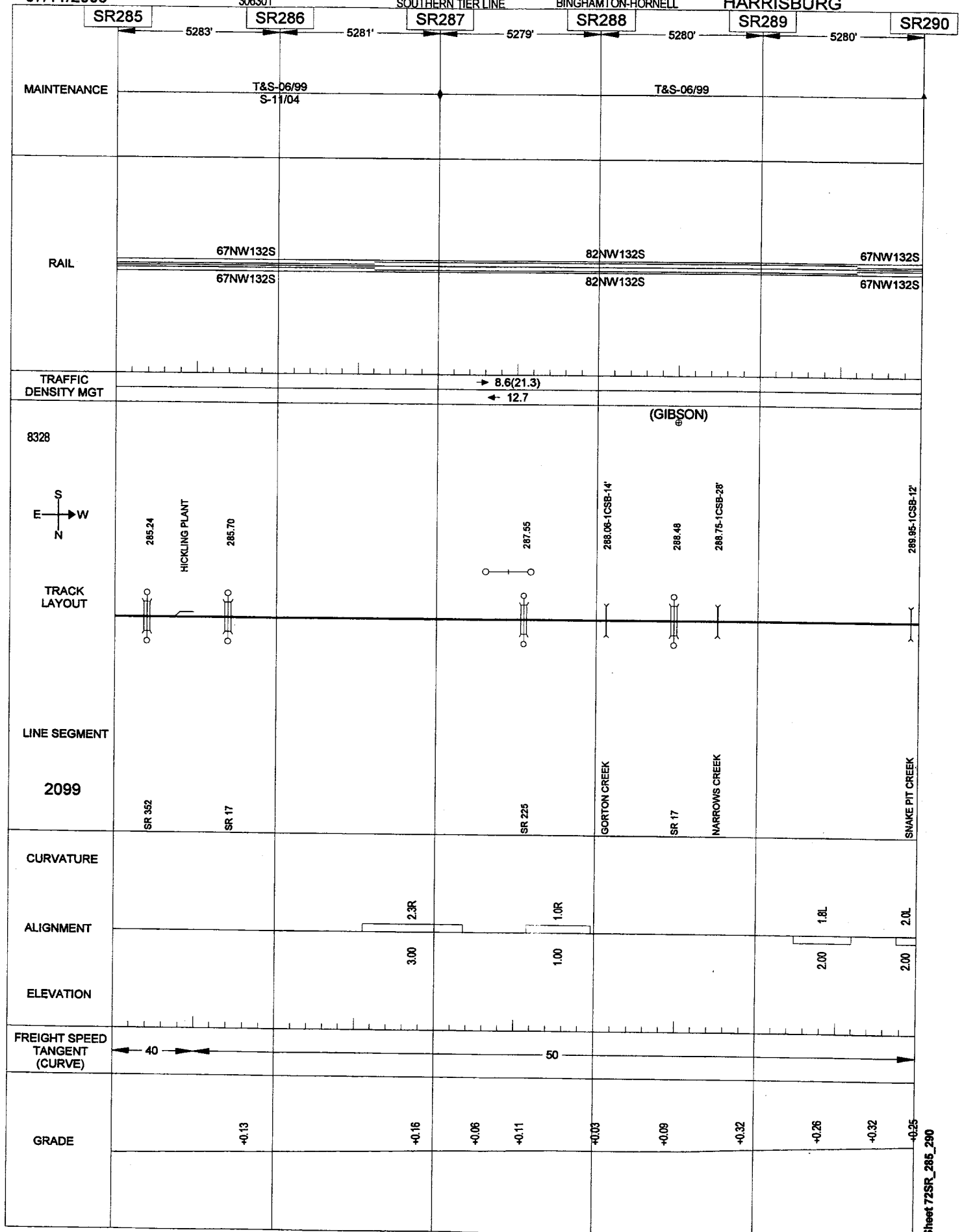
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310

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

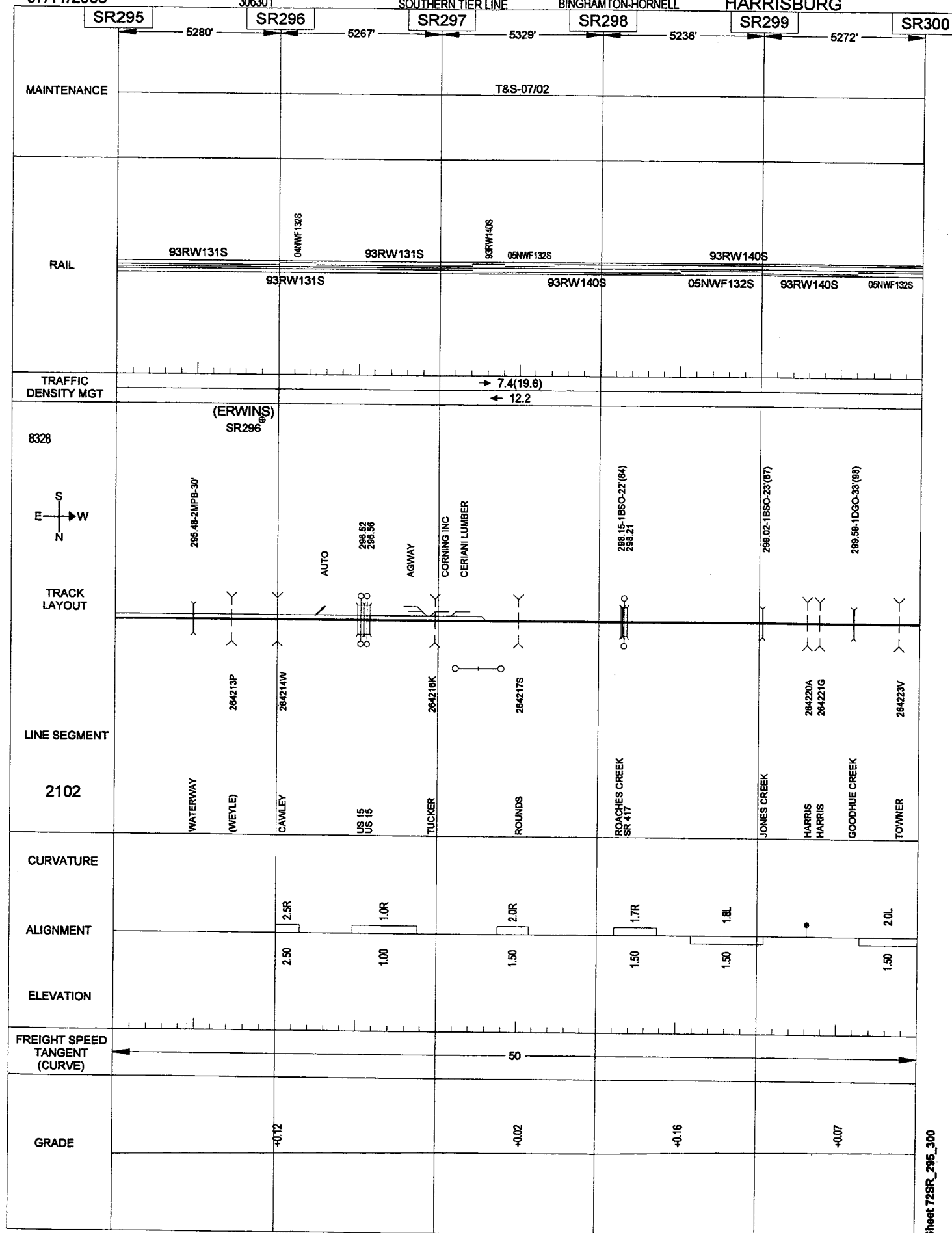
306301

312

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

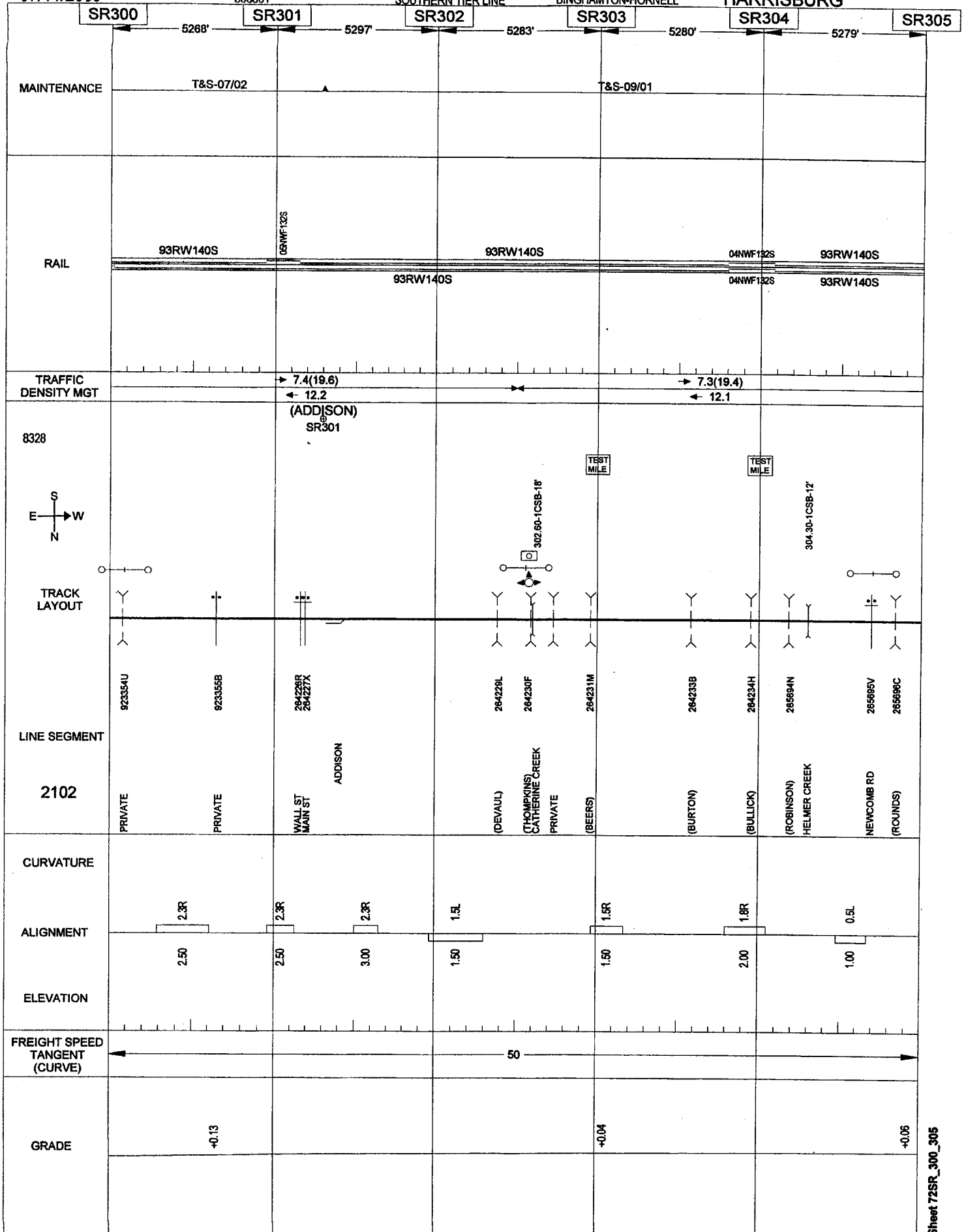
306301

313

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

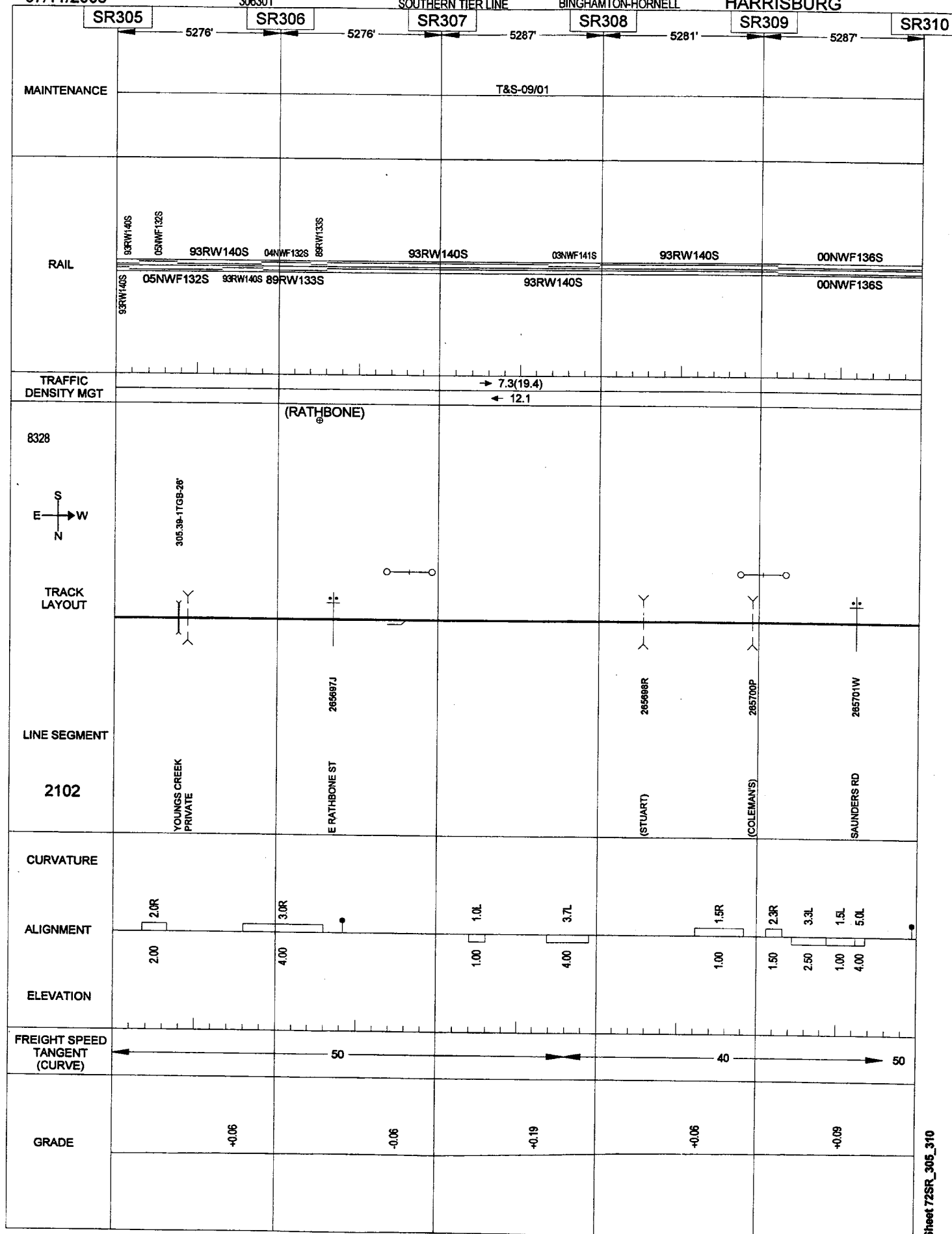
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314

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

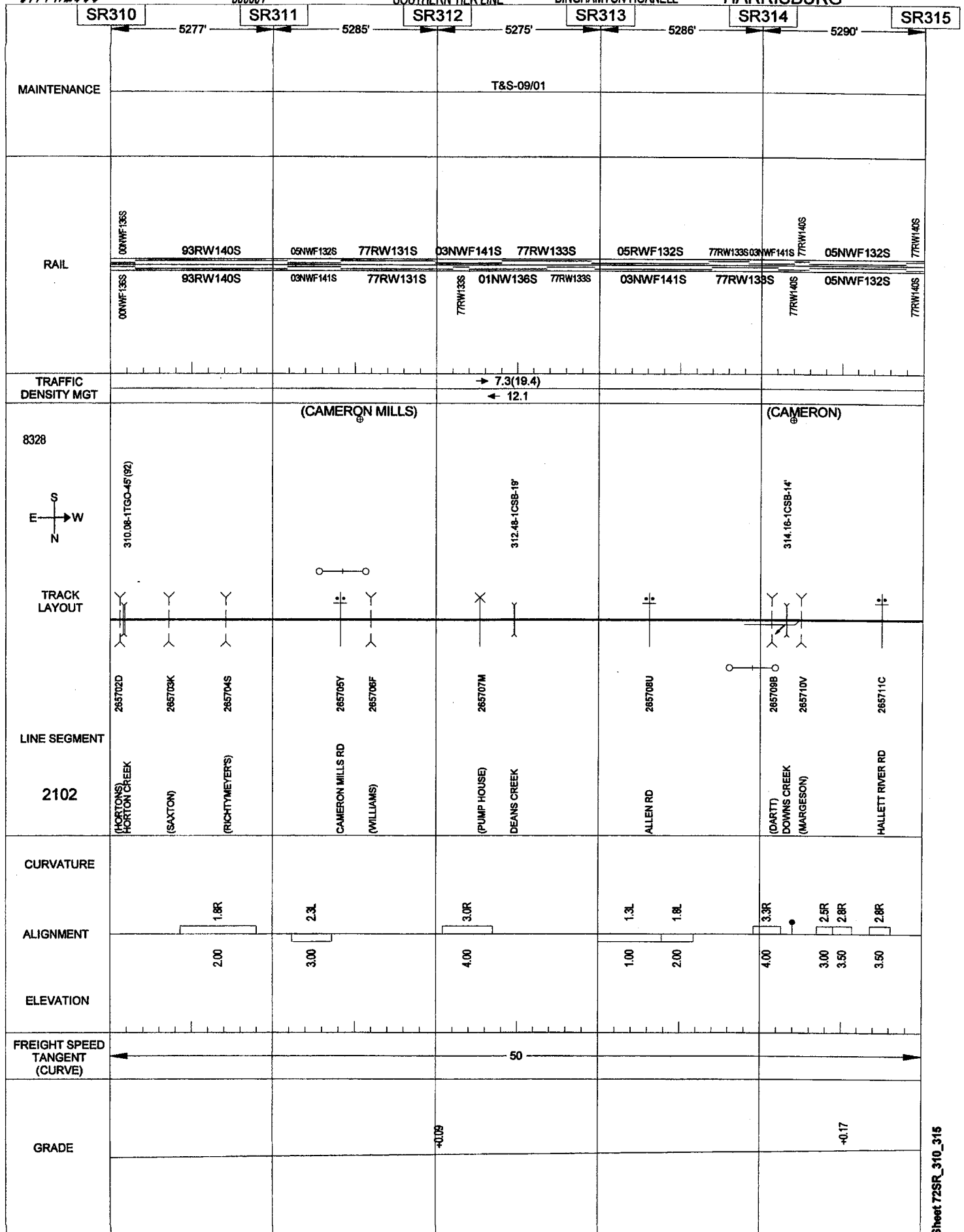
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315

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

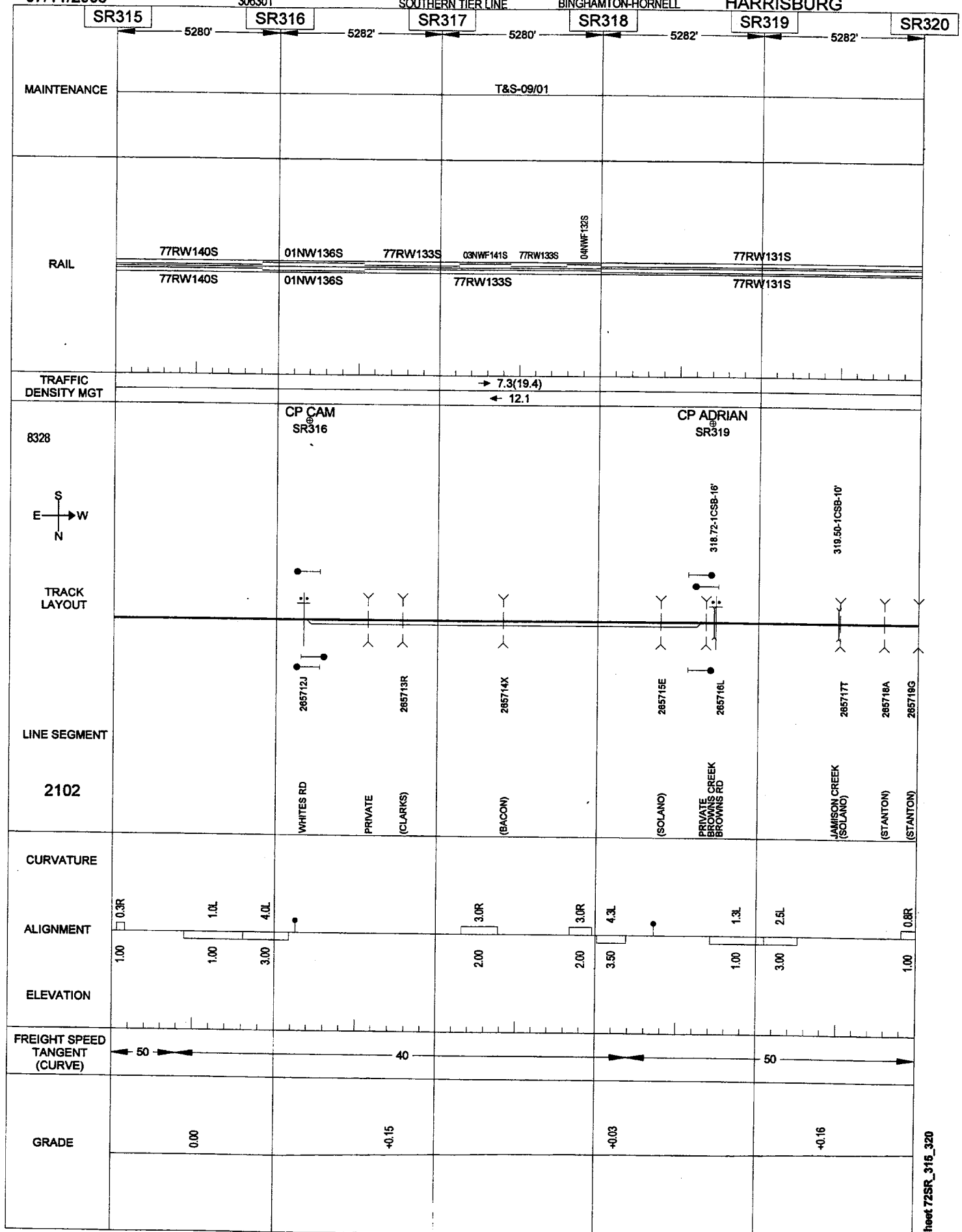
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316

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

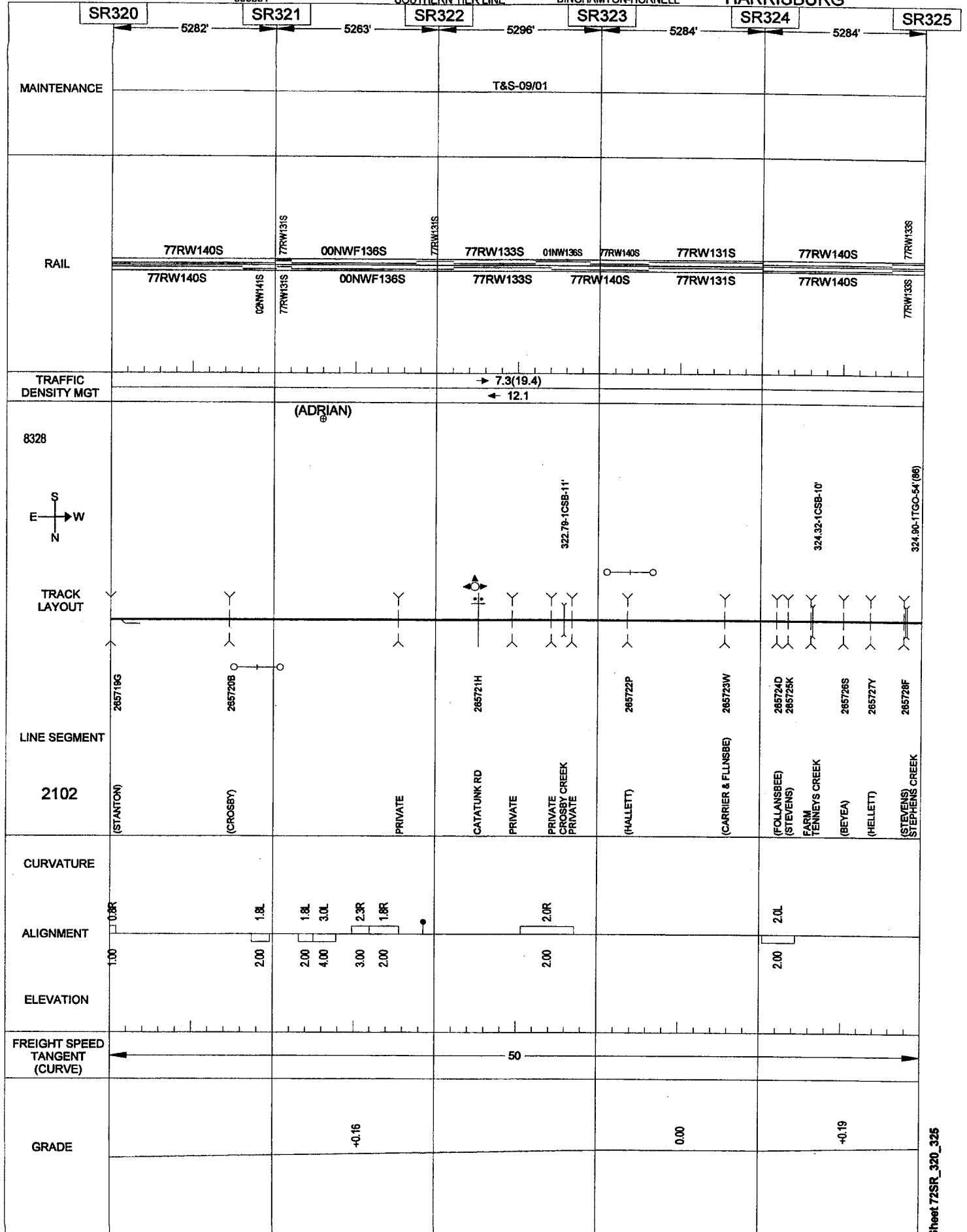
306301

317

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG



07/11/2006

306301

318

SOUTHERN TIER LINE

BINGHAMTON-HORNELL

HARRISBURG

SR325

SR326

SR327

SR328

SR329

SR330

5278'

5276'

5287'

5382'

5295'

MAINTENANCE

T&S-09/01

RAIL

77RW133S

05NWF132P

77RW133S

01NWF136S

05NWF132S

04NWF132S

77RW131S

93RW140S

77RW133S

01NWF136P

01NWF136S

77RW131S

05RWF132S

77RW131S

93RW140S

TRAFFIC
DENSITY MGT→ 7.3(19.4)
← 12.1

8328

S
E → W
NTRACK
LAYOUT

(CANISTEO)

CP HORN
SR328

328.15-21GO-82(68)

265729M

265731N

264806G

264805A

264804T

LINE SEGMENT

2102

(STEVENS)
CR 119NEW OBES CREEK
(JANISON)

DEPOT ST

(BURD)

CUNNINGHAM CREEK

MAGEE RD

CURVATURE

ALIGNMENT

0.9R

4.5R

1.00

4.00

3.00

4.00

1.3L

1.00

0.8R

1.00

1.8R

2.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

50

40

(40)

50

GRADE

+0.19

+0.45

07/11/2006

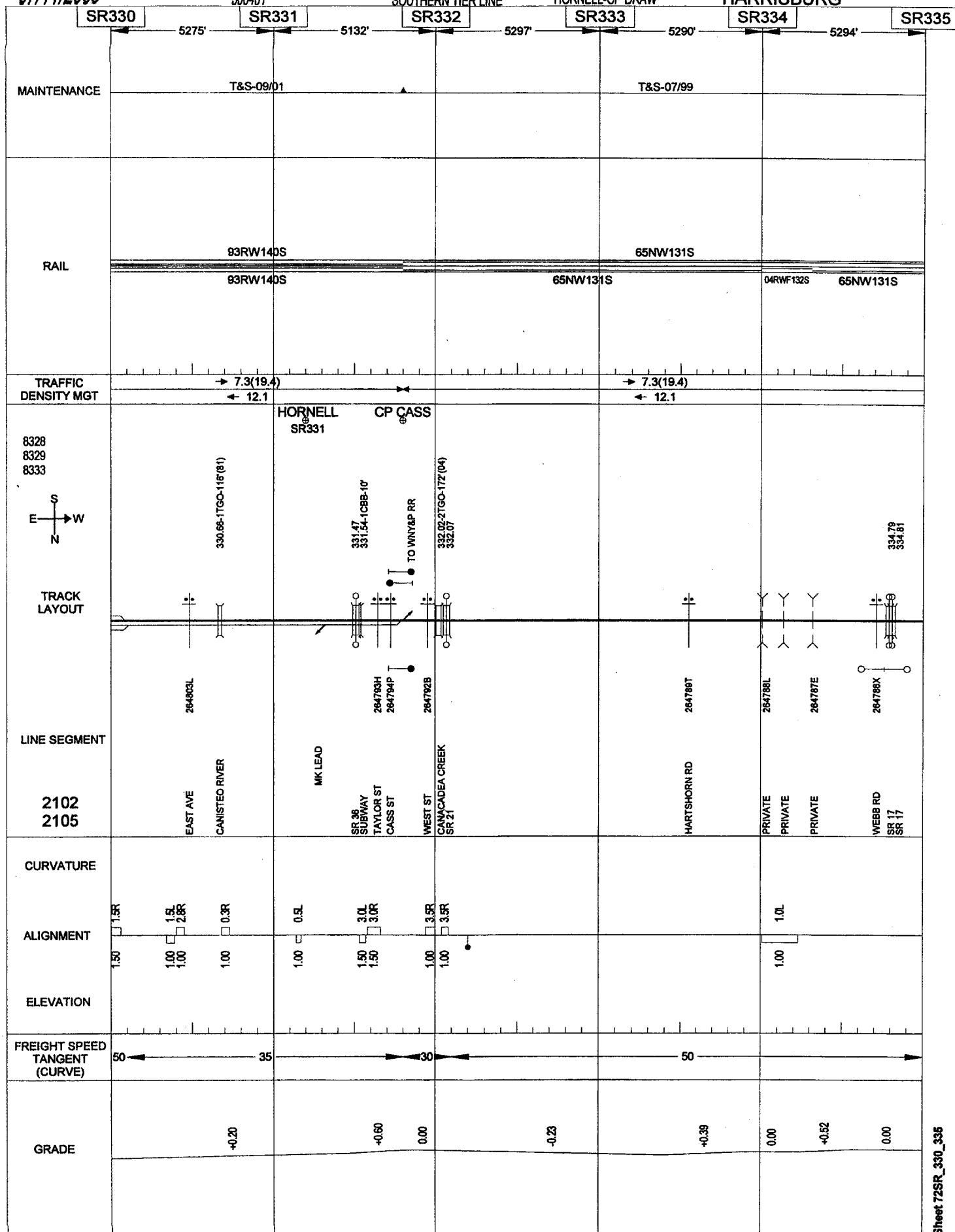
306401

319

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

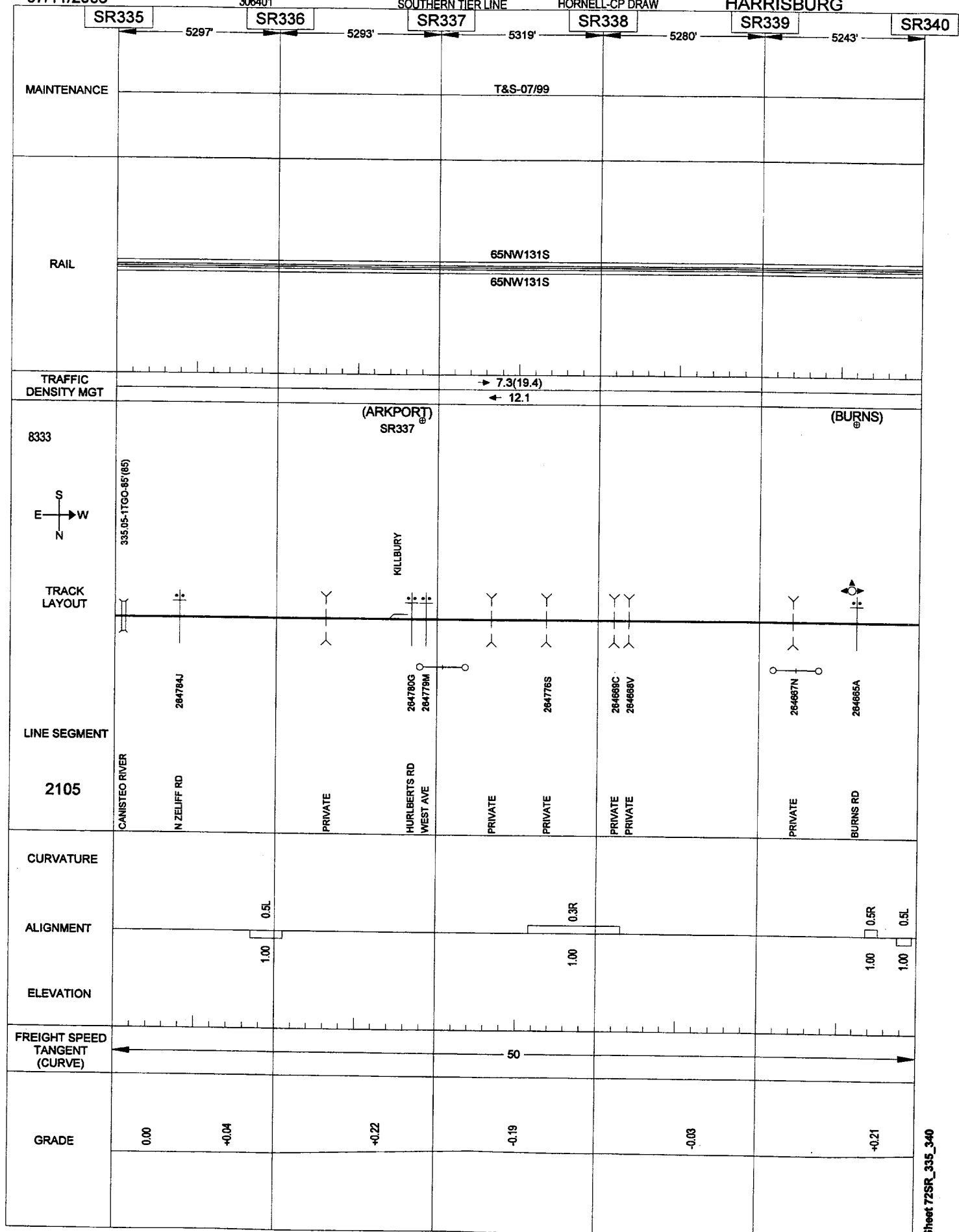
306401

320

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

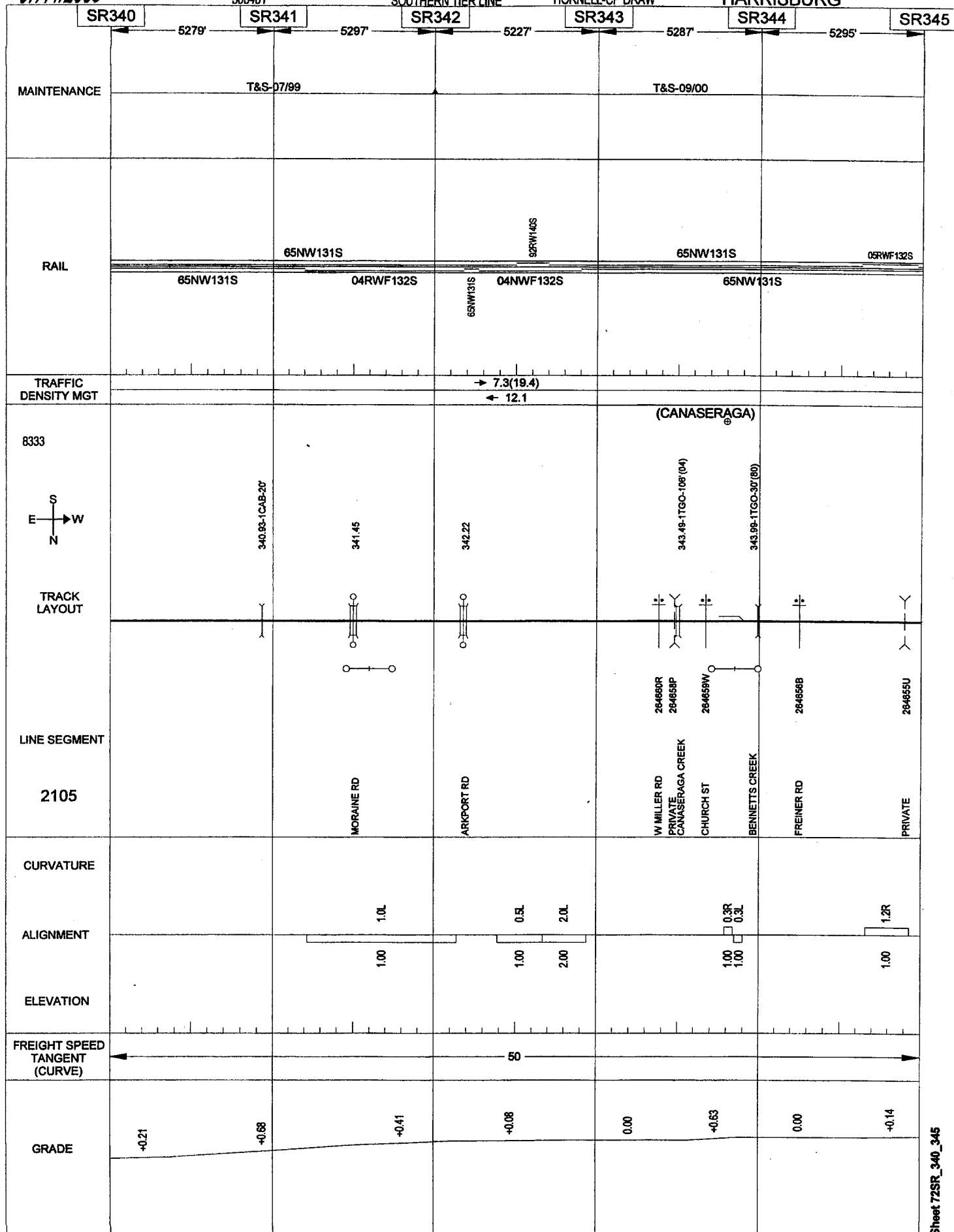
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321

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

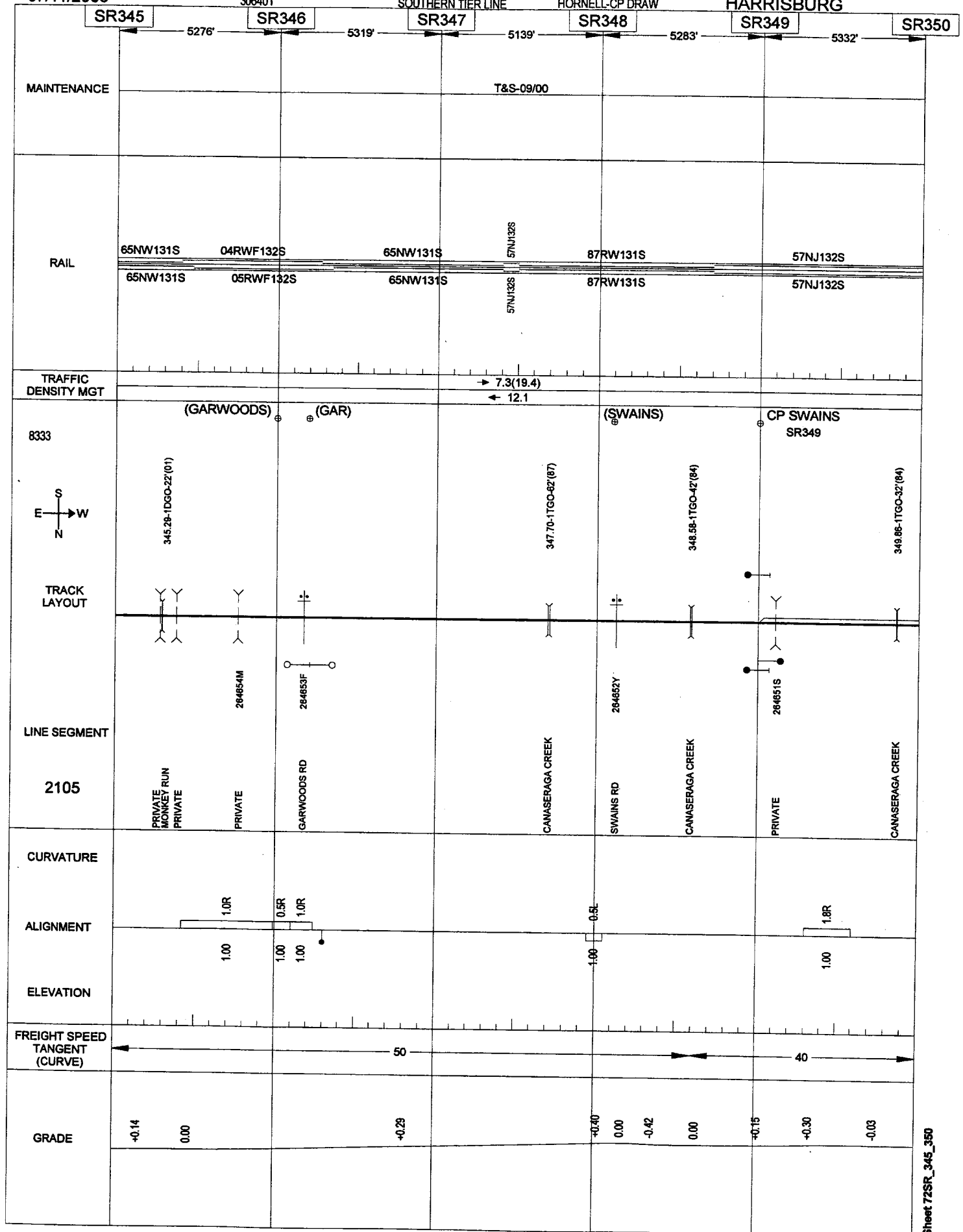
306401

322

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

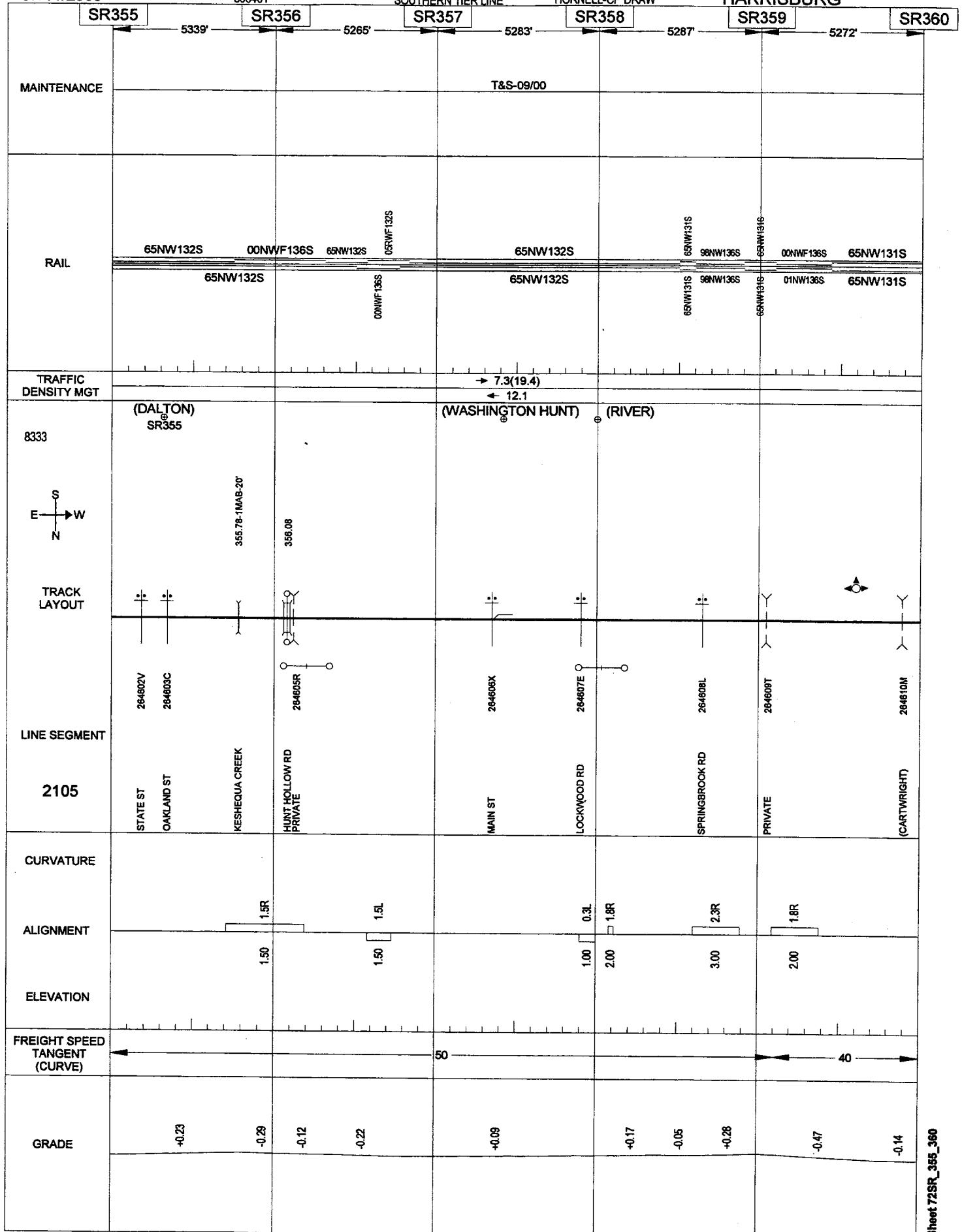
306401

324

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



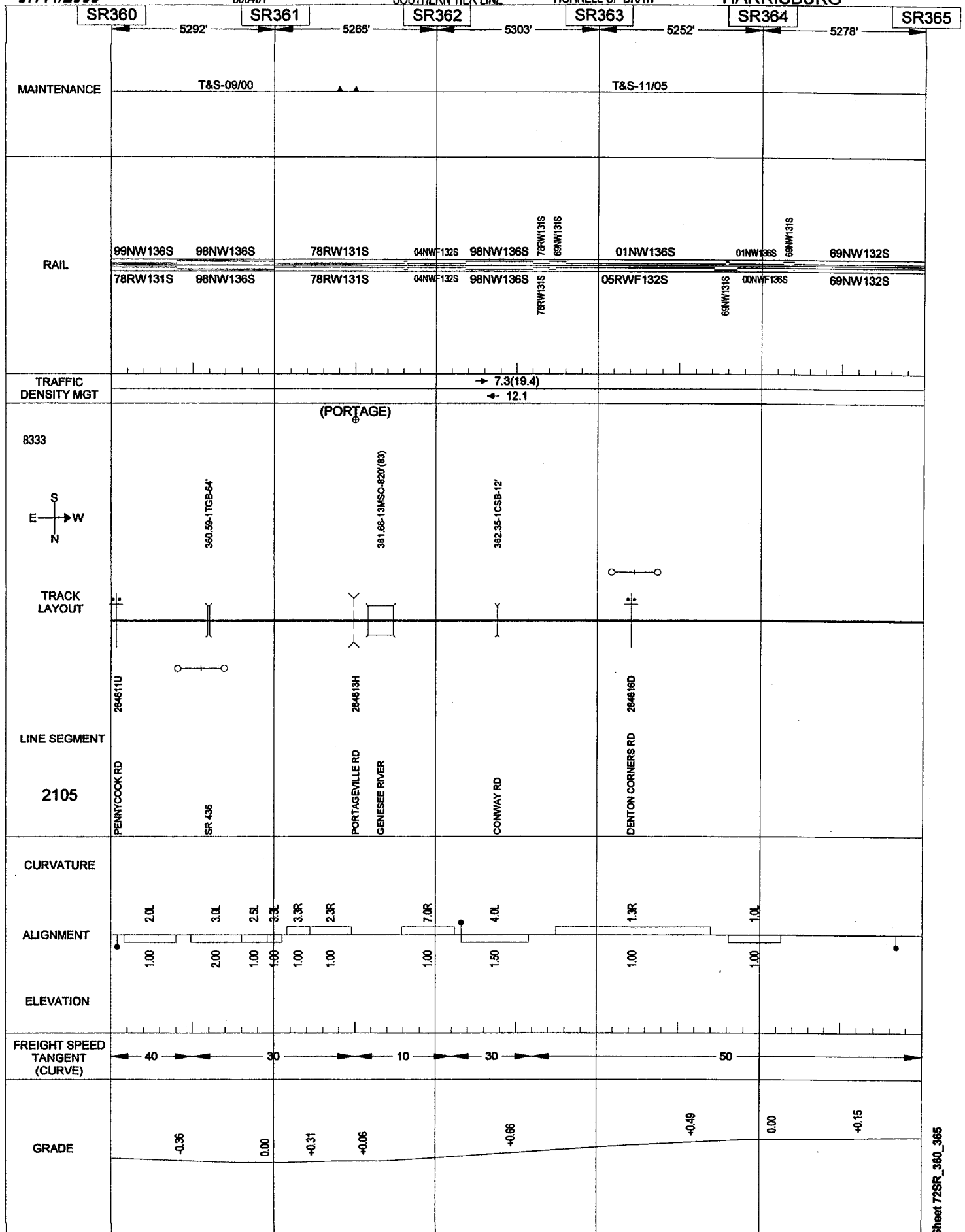
07/11/2006

306401

325
SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



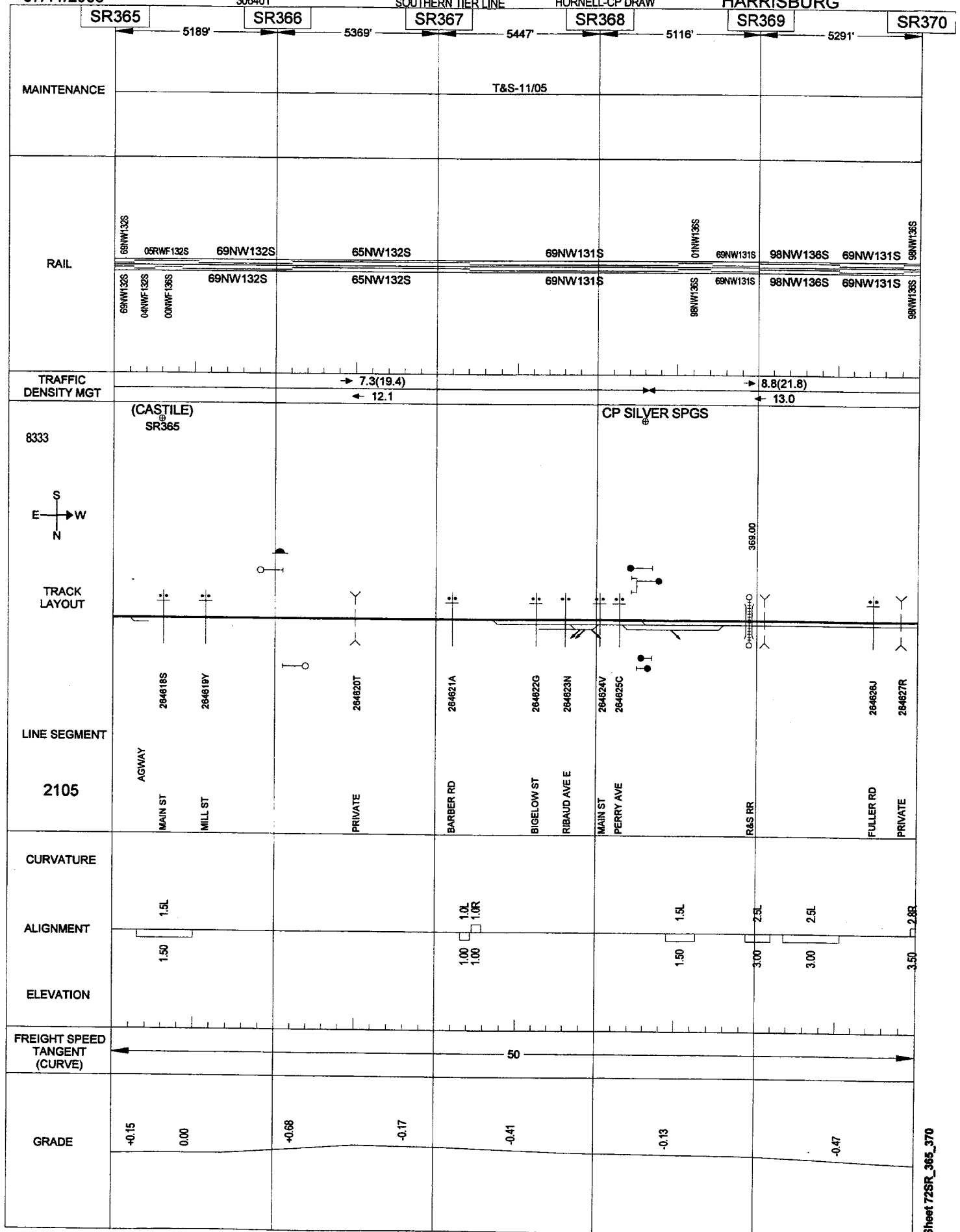
07/11/2006

306401

326
SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

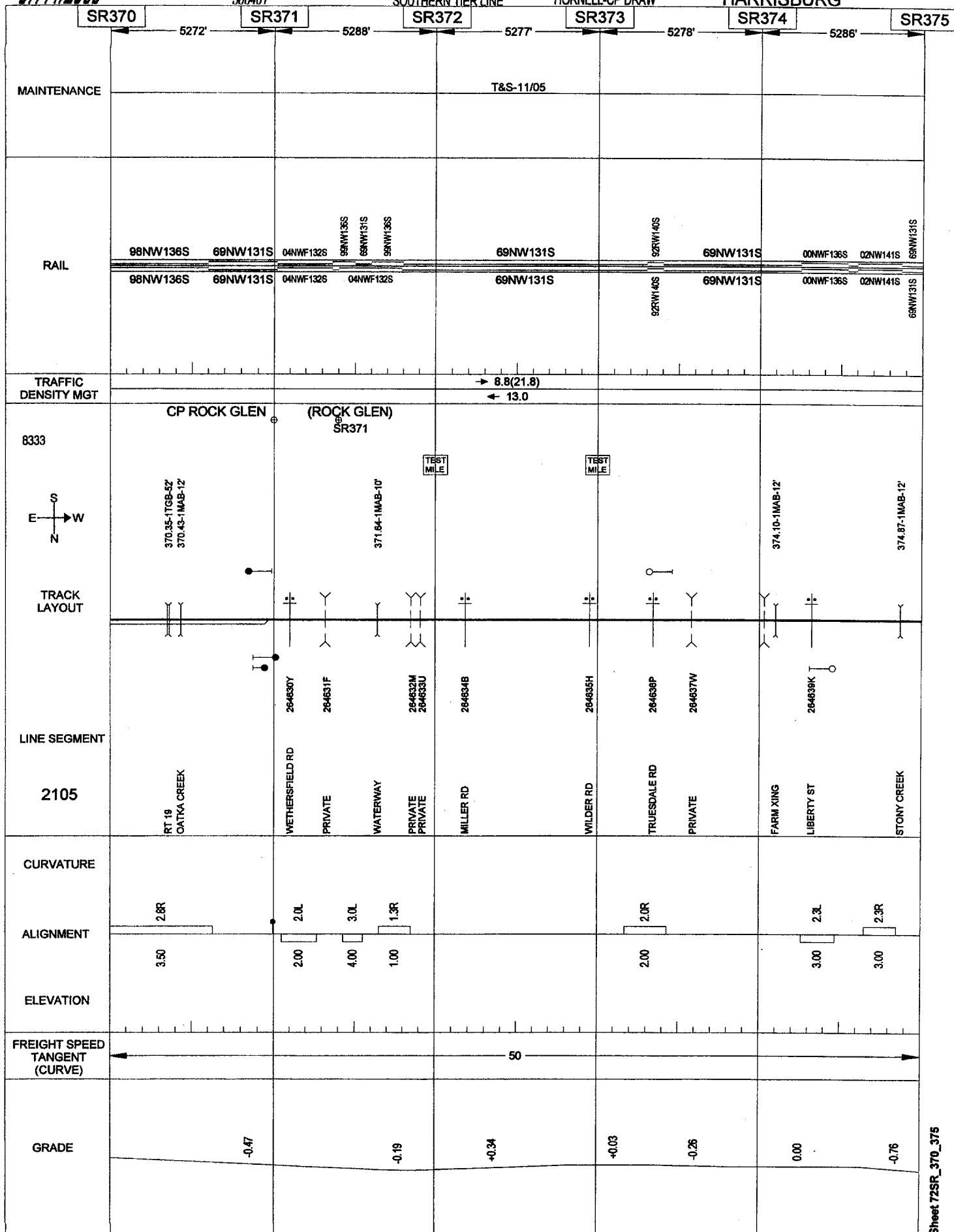
306401

327

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

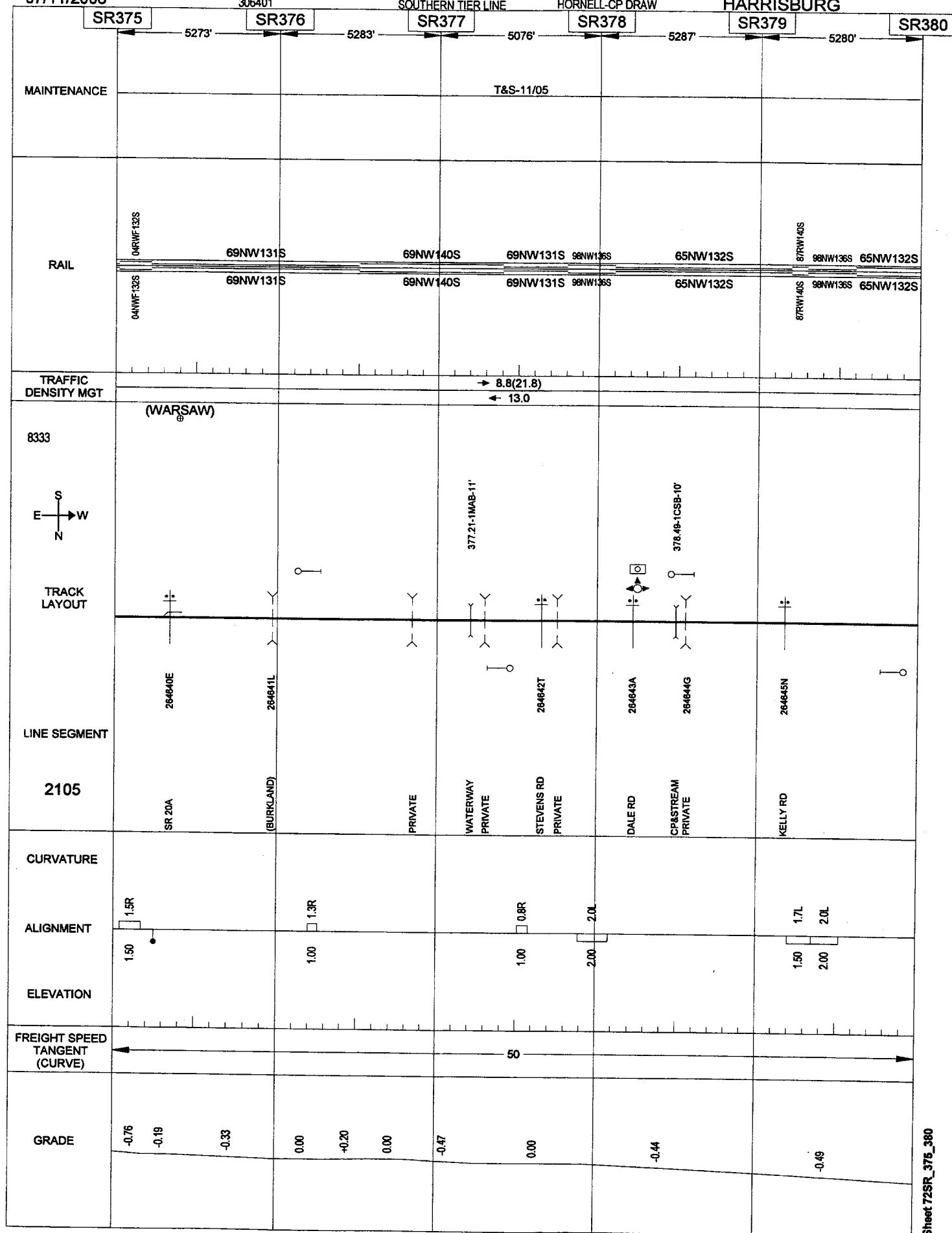
306401

328

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



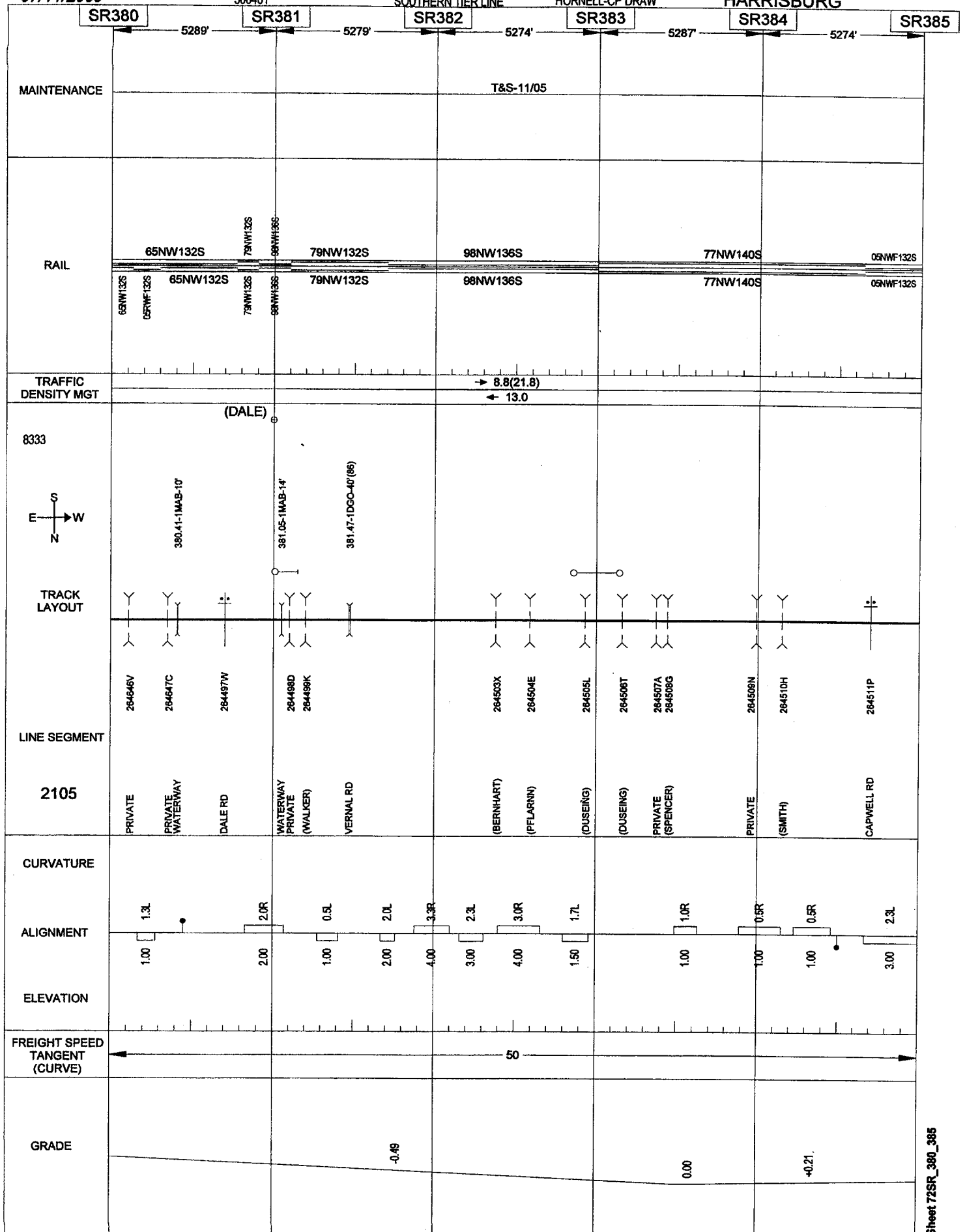
07/11/2006

306401

329
SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

306401

330

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG

SR385

SR386

SR387

SR388

SR389

SR390

5293'

5291'

5285'

5292'

5278'

MAINTENANCE

T&S-11/05

RAIL

05NWF132S

77NW140S

92RW140S

77NW140S

01NW136S

93RW140S

77NW140S

05NWF132S

77NW140S

92RW140S

77NW140S

93RW140S

05NWF132S

77NW140S

TRAFFIC
DENSITY MGT

→ 8.8(21.8)

← 13.0

(LINDEN)

CP LINDEN
SR3878333
8328TRACK
LAYOUT

LINE SEGMENT

2105

284512W

284513D

LINDEN RD

SILVER RD

284514K

MOLASSES HILL RD

284515S

(KRUTTER)

284516Y

(KRUTTER)

284518M

DRY BRIDGE RD
(PECHART)

284520N

SPRING RD

284521V

PRIVATE

CURVATURE

ALIGNMENT

ELEVATION

2.3L

2.8L

2.0L

1.0L

1.3L

2.8L

2.3R

1.5L

1.5L

3.00

3.50

2.00

1.00

1.00

3.50

3.00

1.50

1.50

FREIGHT SPEED
TANGENT
(CURVE)

50

GRADE

+0.21

+0.42

0.00

-0.22

-1.14

07/11/2006

306401

331
SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG

SR390

SR391

SR392

SR393

SR394

SR395

5289'

5282'

5280'

5285'

5260'

MAINTENANCE

T&S-11/05

RAIL

77NW140S

93RW140S

05NW132S

98NW136S

76NW140S

77NW140S

01NW136S

93RW140S

98NW136S

76NW140S

77NW140S

TRAFFIC
DENSITY MGT→ 8.8(21.8)
← 13.0→ 8.8(21.8)
← 13.0

8328

S
E → W
NTRACK
LAYOUT

CP ATTICA

392.76-2DGO-125'(86)
392.63-SINGO-38'(00)

393.66-1TGB-41'

LINE SEGMENT

2105
2108

284522C

284523J

284524R

SR-392.40-UG-365.00

284525X

284527L

PRIVATE

ATTICA RD

PRIVATE

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

1.5L

2.0R

3.0L

2.3L

3.0L

3.4R

3.2R

3.7R

0.5L

0.5L

2.0L

1.50

2.00

2.00

1.50

2.00

2.50

2.50

2.50

1.00

1.00

2.00

50

40

(40)

50

GRADE

-1.14

0.00

-0.09

-0.79

+0.90

-0.41

07/11/2006

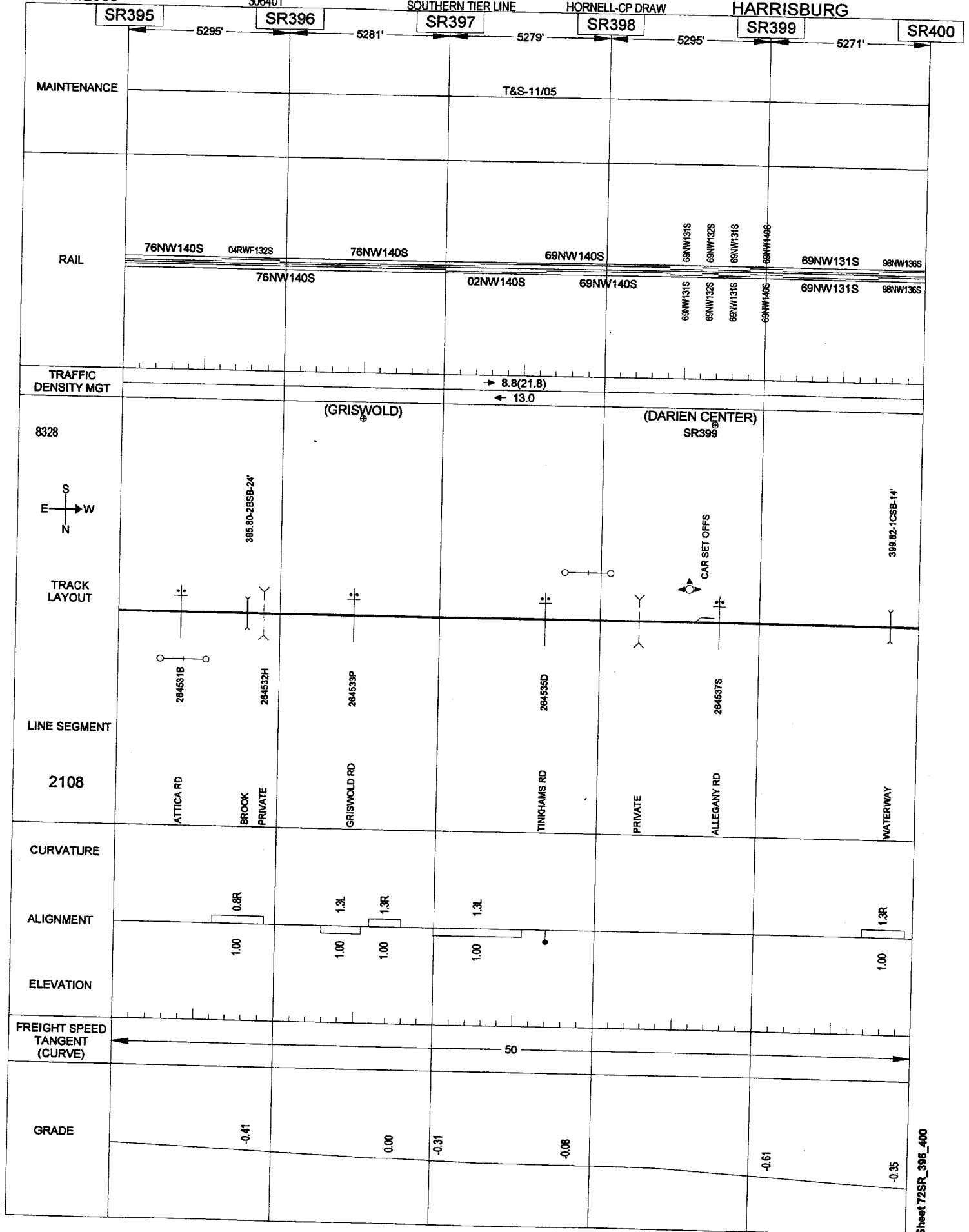
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332

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

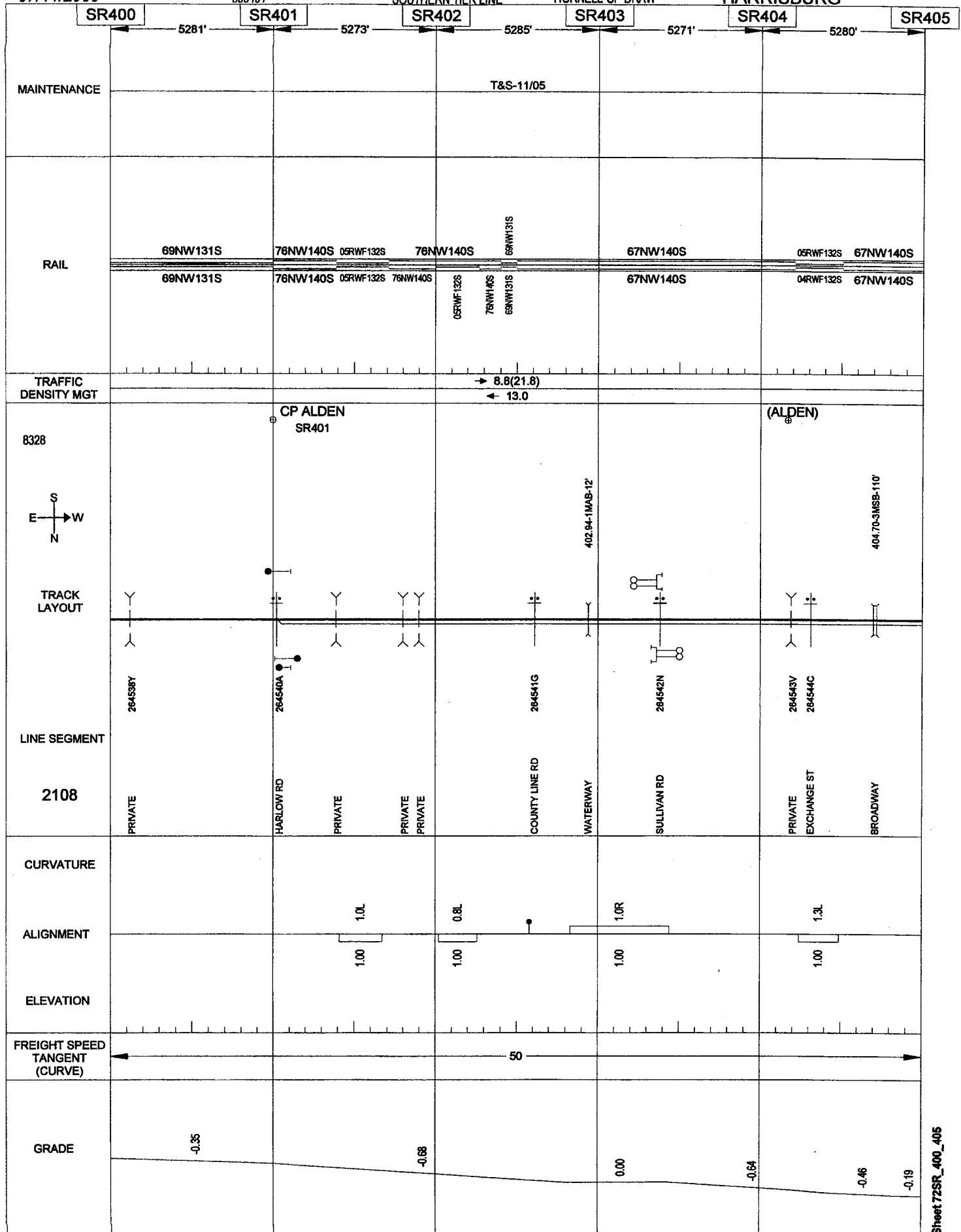
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333

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

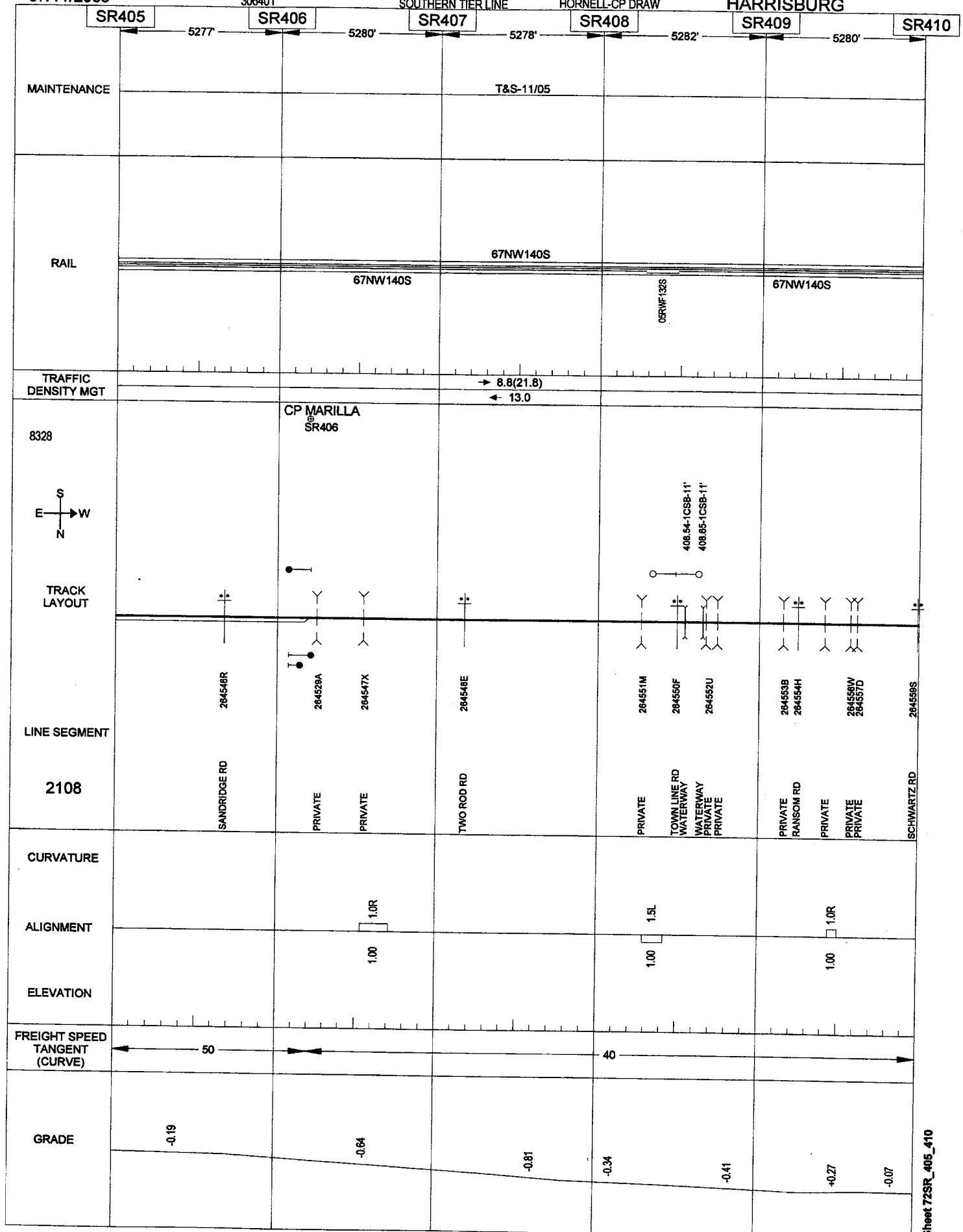
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334

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



07/11/2006

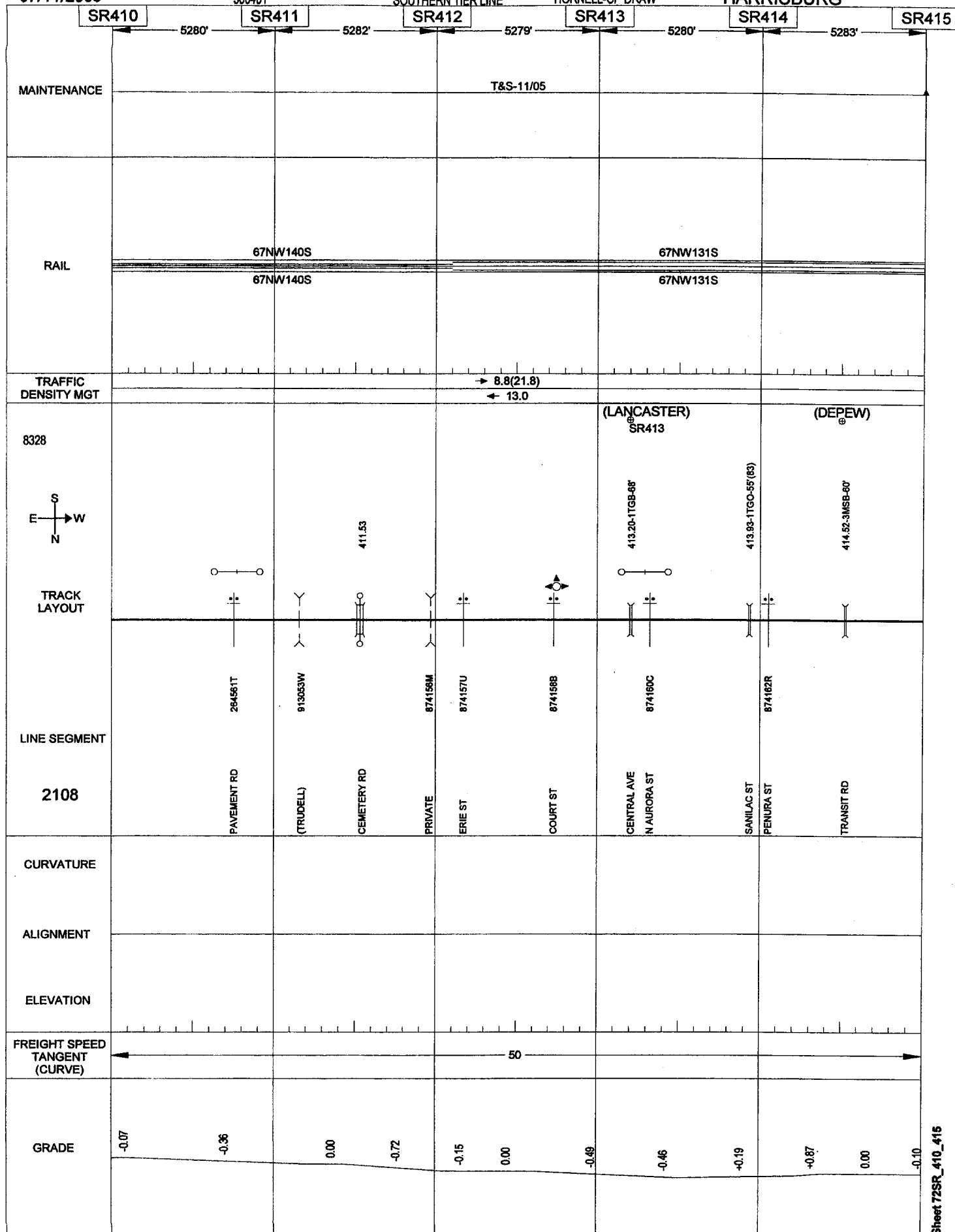
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335

SOUTHERN TIER LINE

HORNELL-CP DRAW

HARRISBURG



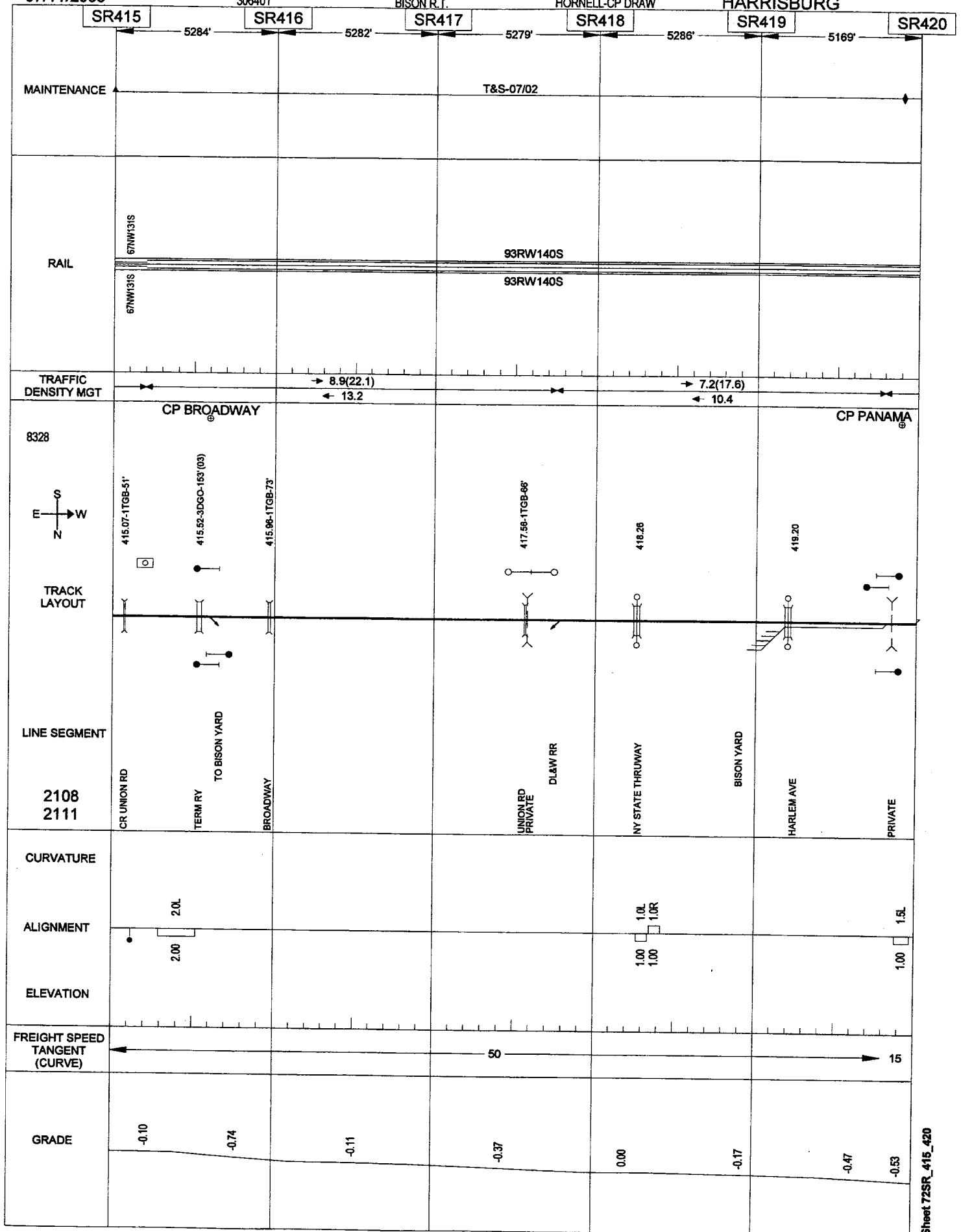
07/11/2006

306401

336
BISON R.T.

HORNELL-CP DRAW

HARRISBURG



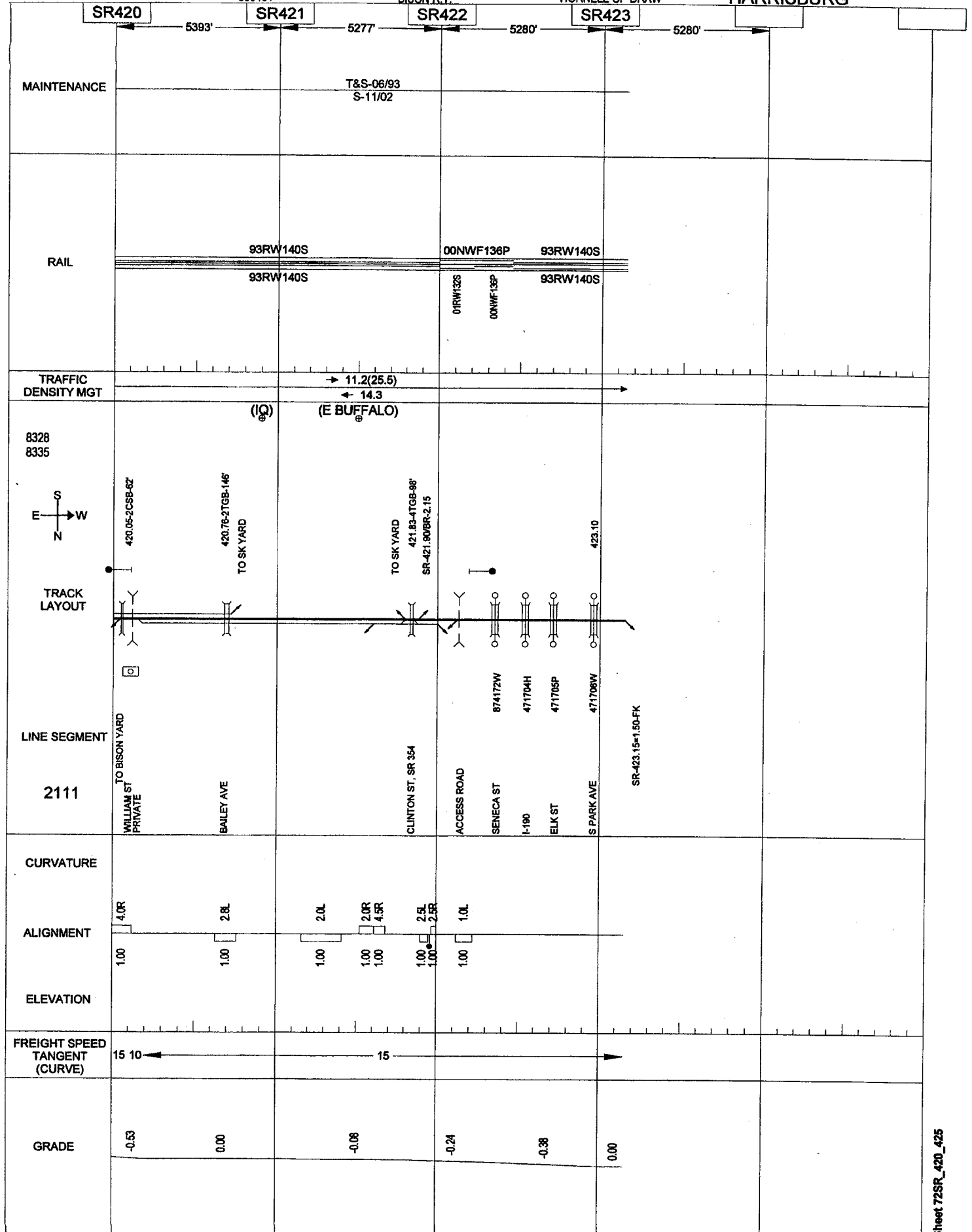
07/11/2006

306401

337
BISON R.T.

HORNELL-CP DRAW

HARRISBURG



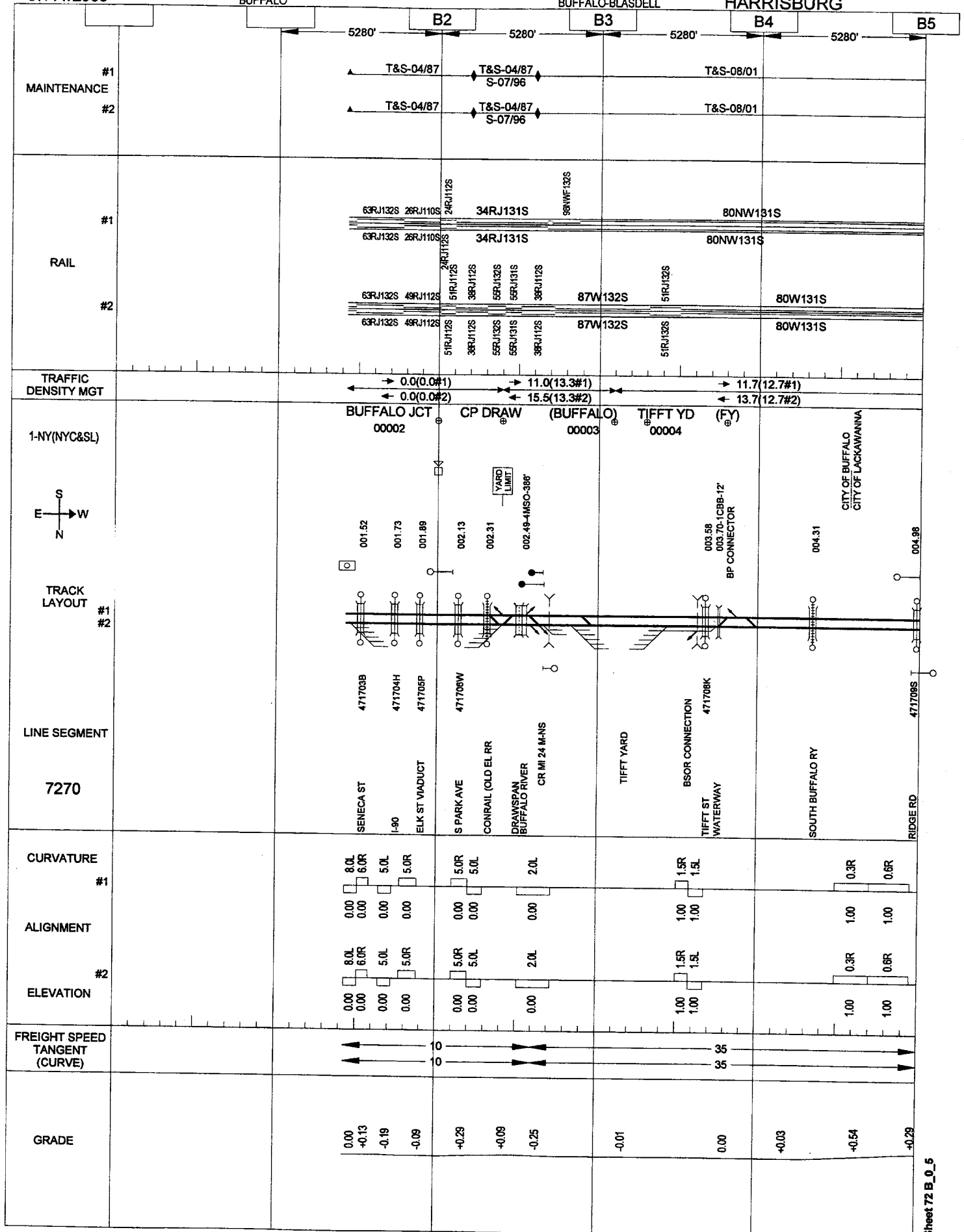
07/11/2006

BUFFALO

338

BUFFALO-BLASDELL

HARRISBURG



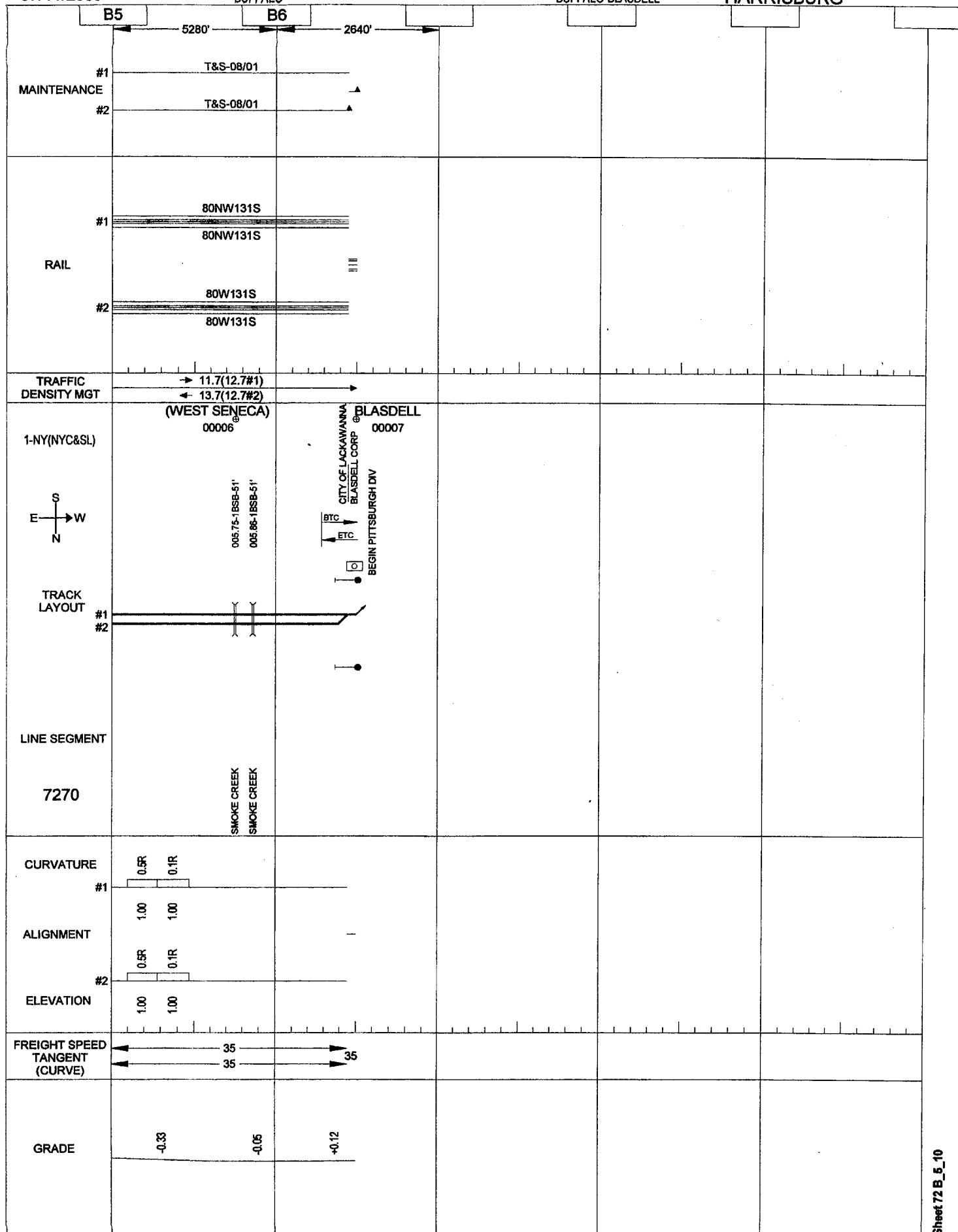
07/11/2006

BUFFALO

339

BUFFALO-BLADDELL

HARRISBURG



07/11/2006

100501

340

LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG

IS213

IS214

IS215

5280'

5294'

5298'

MAINTENANCE

T&S-06/89

RAIL

59NJ136S
59NJ136S

51NJ136S

28NJ136S
28NJ136S

44NJ136S

44NJ136S

30NJ136S

30NJ136S

29NJ136S
29NJ136STRAFFIC
DENSITY MGT

0.0(0.0)

0.0

0.1(0.5)

0.4

8213

S
E → W
NTRACK
LAYOUT

PAPER

CHARMIN

(ROB)

MEHOOPANY
IS214

214.15

TO RDG BLUE MTN RR

LINE SEGMENT

2051

PRIVATE
361377WPRIVATE
CHARMIN IND.
361374B
361376P
361375H

SR 87

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

5.9R

2.5L

1.7L

1.00

1.00

1.00

1.4R

0.9R

2.5R

1.3R

1.7R

1.00

1.00

1.00

1.00

1.00

25

-0.19

-0.09

-0.01

0.00

Sheet 72IS_210_215

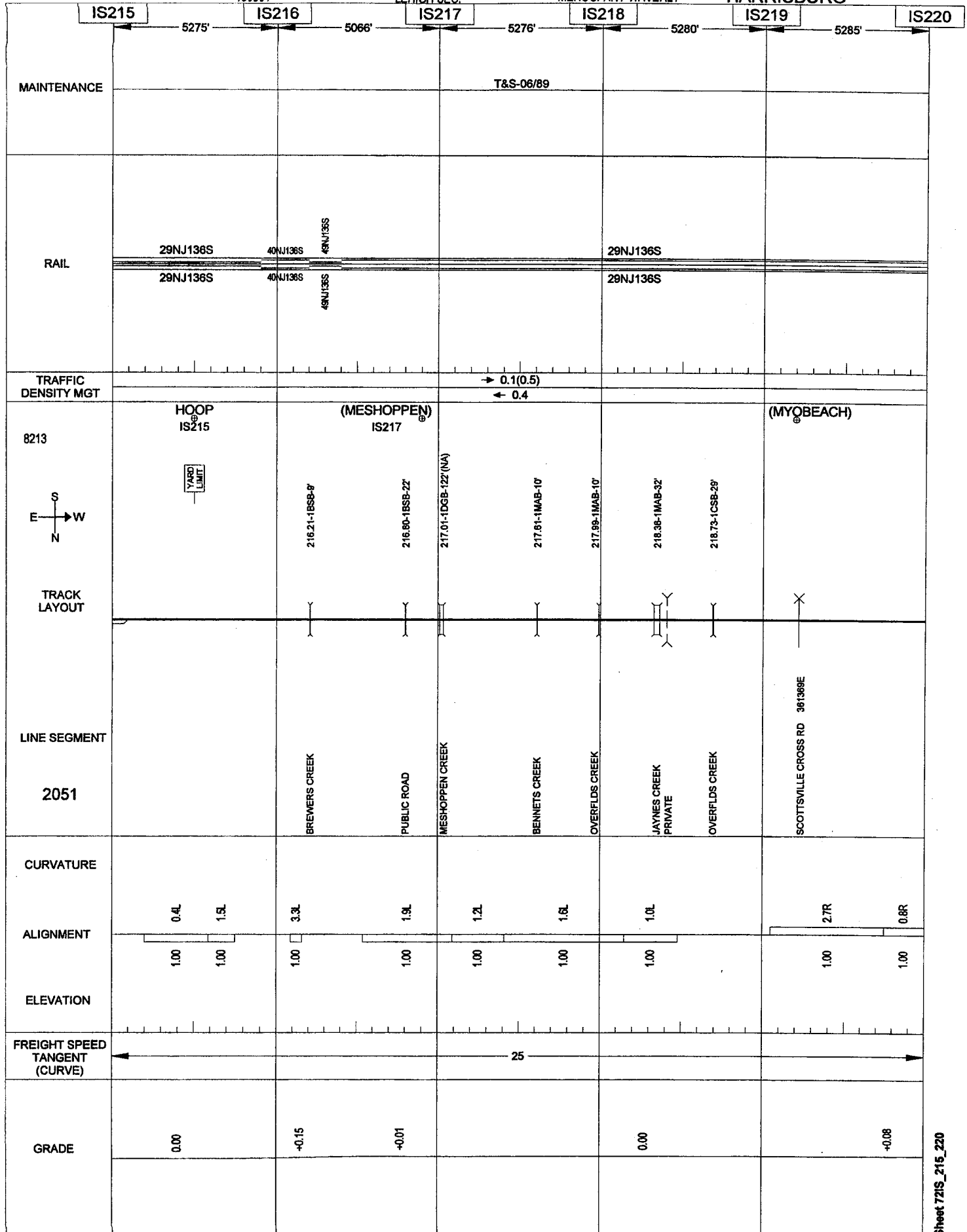
07/11/2006

100501

341
LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



	IS220	IS221	IS222	IS223	IS224	IS225
MAINTENANCE	T&S-06/89					
RAIL	29NJ136S 30NJ136S 50NJ136S 24NJ136S 30NJ136S					
TRAFFIC DENSITY MGT	→ 0.1(0.5) ← 0.4					
8213	(BLACK WALNUT)					
E S W N						
TRACK LAYOUT	WHIPPLES 224.34-3DGB-74' IS224 (SKINNERS EDDY)					
LINE SEGMENT	PRIVATE PRIVATE SNOWERS CRK BLACK WALNUT RD PRIVATE PRIVATE PRIVATE PRIVATE TUSCARO CRK AGWAYWHIPPES					
2051						
CURVATURE						
ALIGNMENT	0.8R 1.3L 1.1L 0.5R 1.2R 1.4R 1.4R 1.5L 1.0L 3.0L 2.2L					
ELEVATION	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00					
FREIGHT SPEED TANGENT (CURVE)	25					
GRADE	+0.08 0.00 +0.05 +0.06					

Sheet 721S_220_225

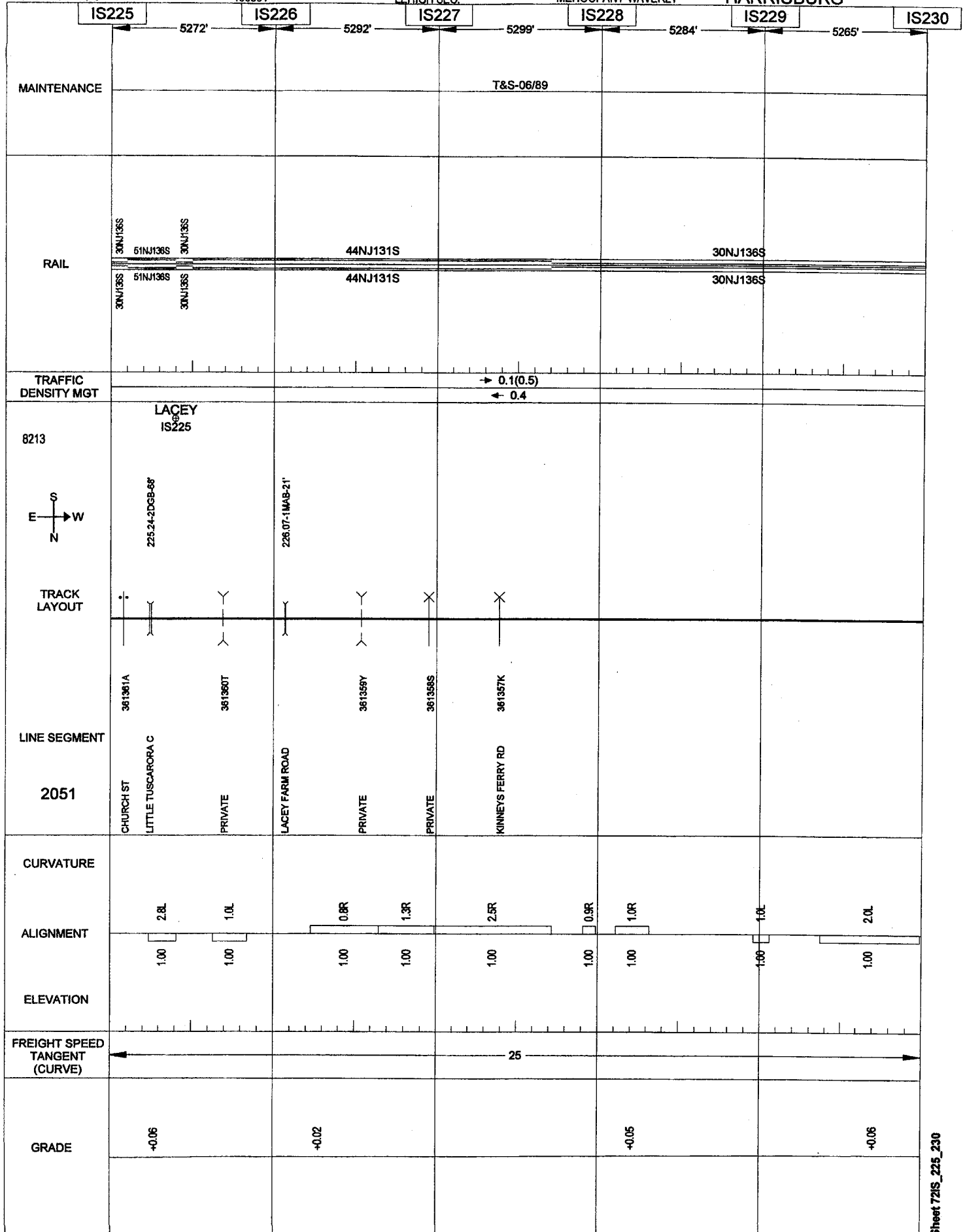
07/11/2006

100501

343
LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



07/11/2006

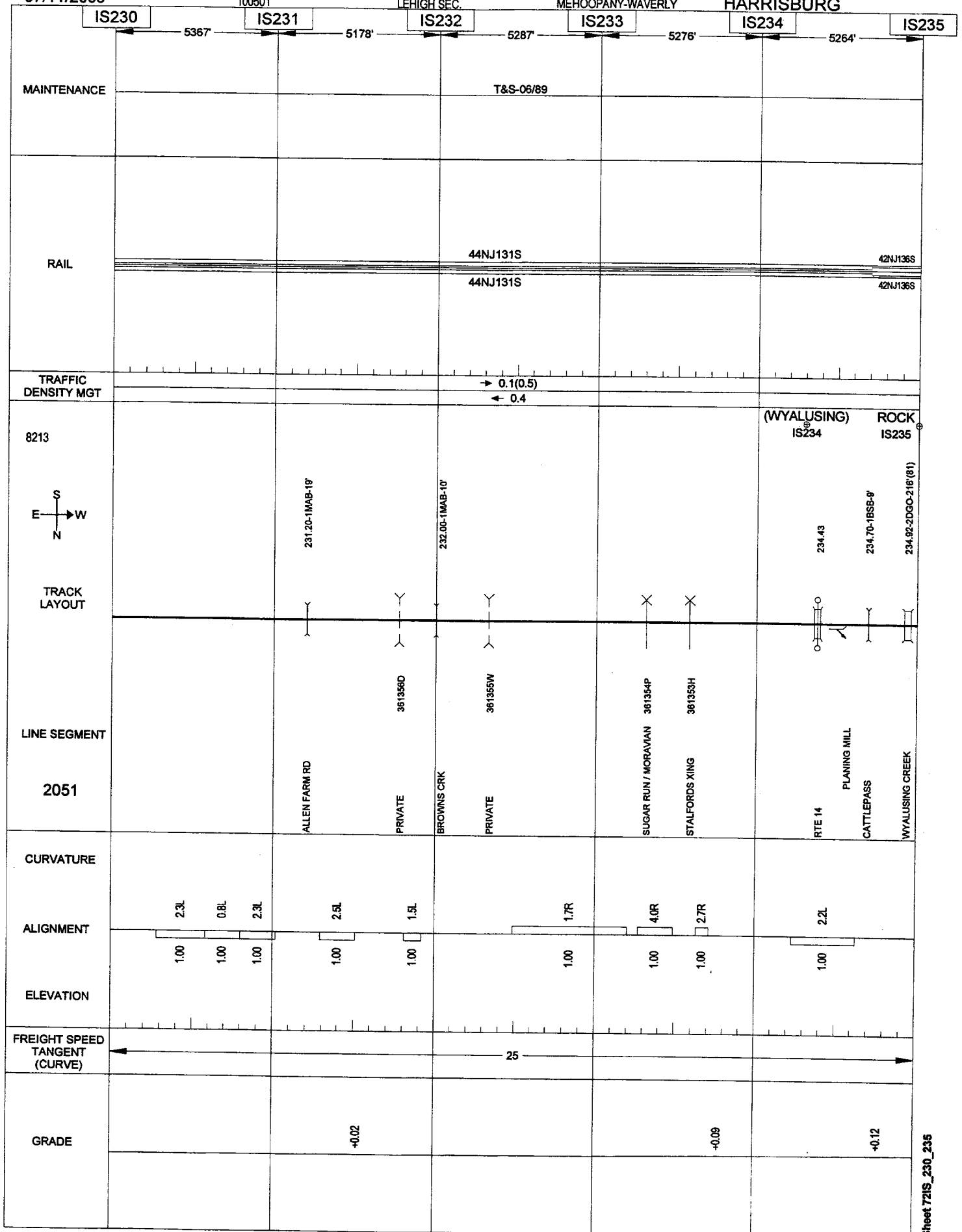
100501

344

LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



07/11/2006

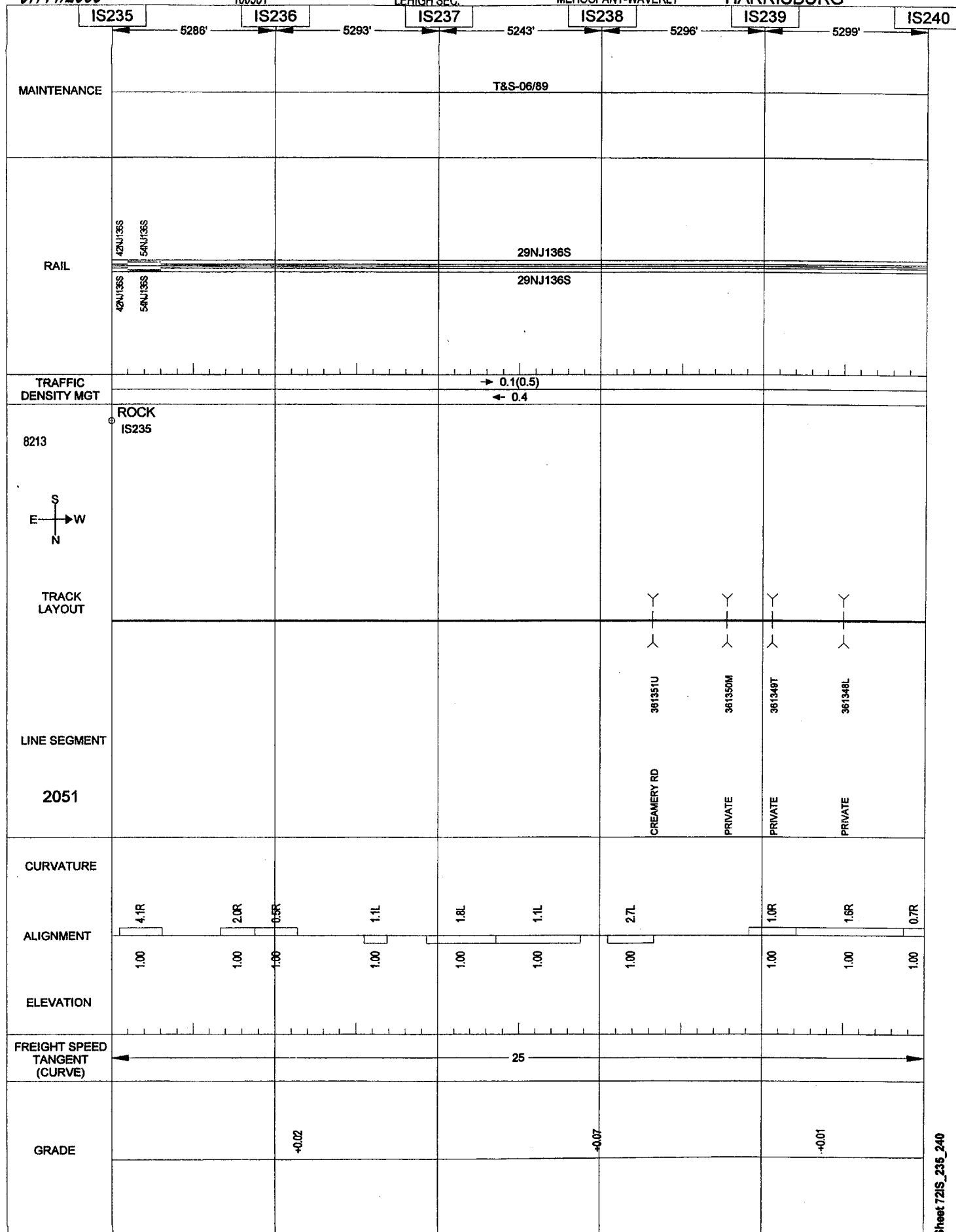
100501

345

LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



07/11/2006

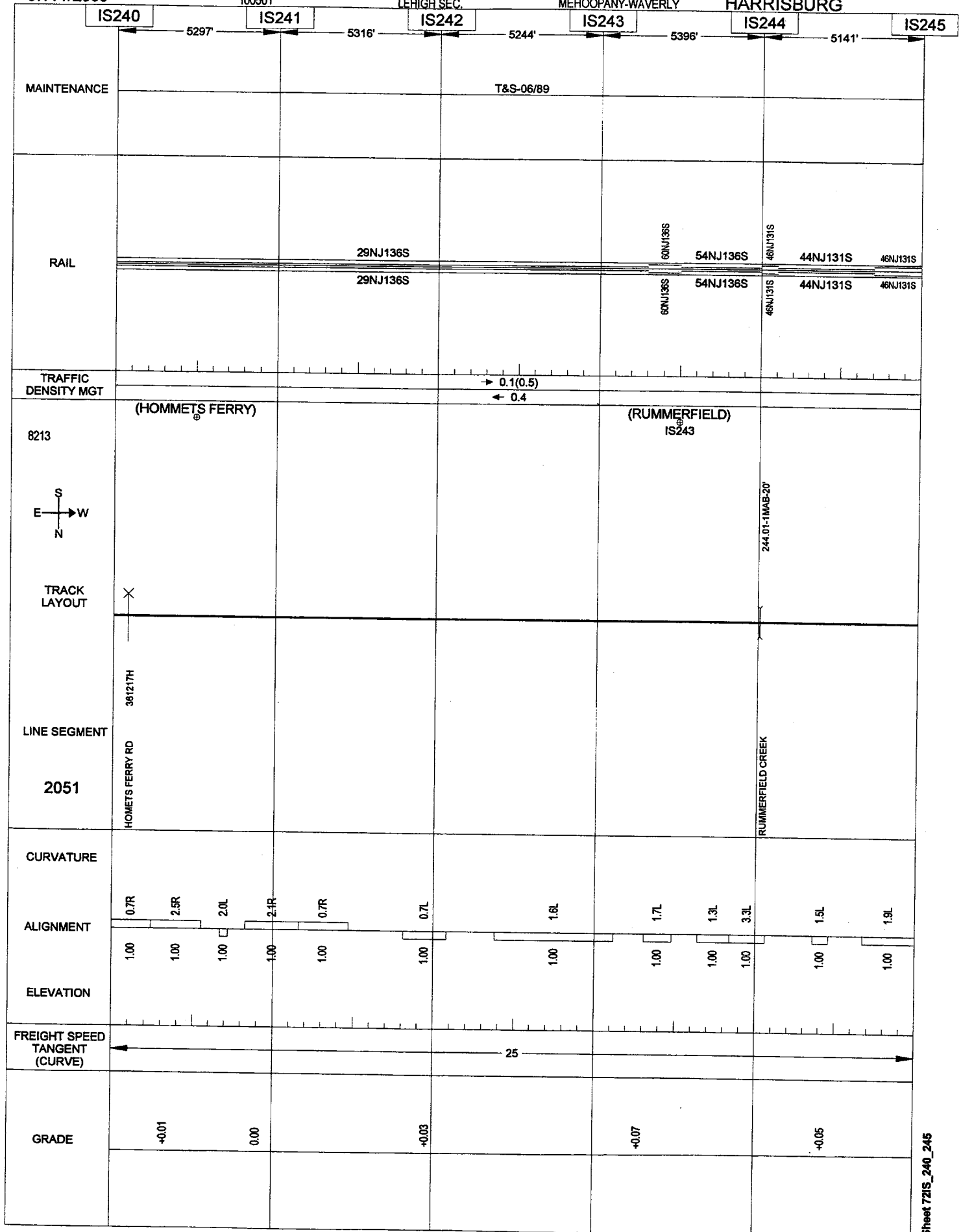
100501

346

LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



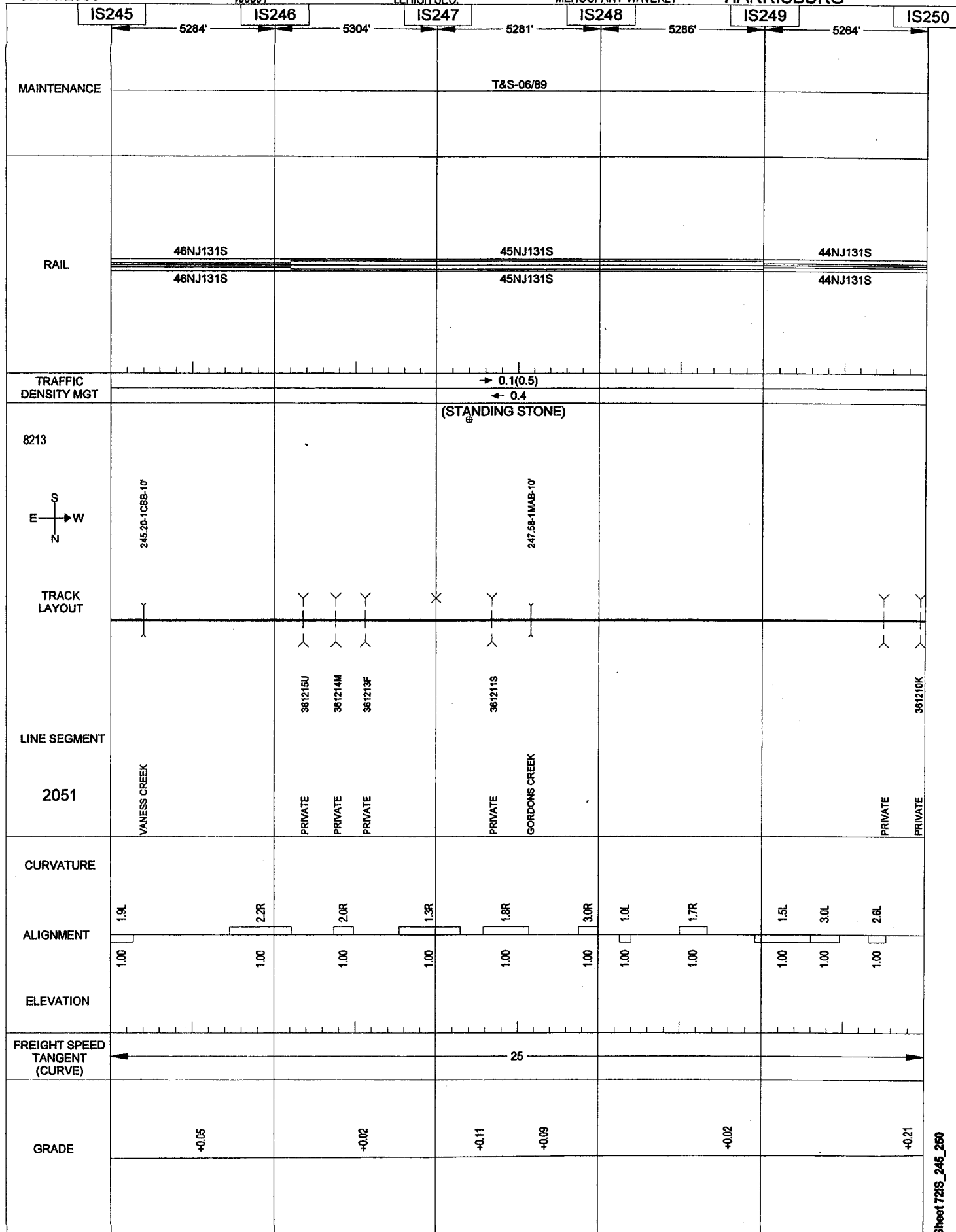
07/11/2006

100501

347
LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



07/11/2006

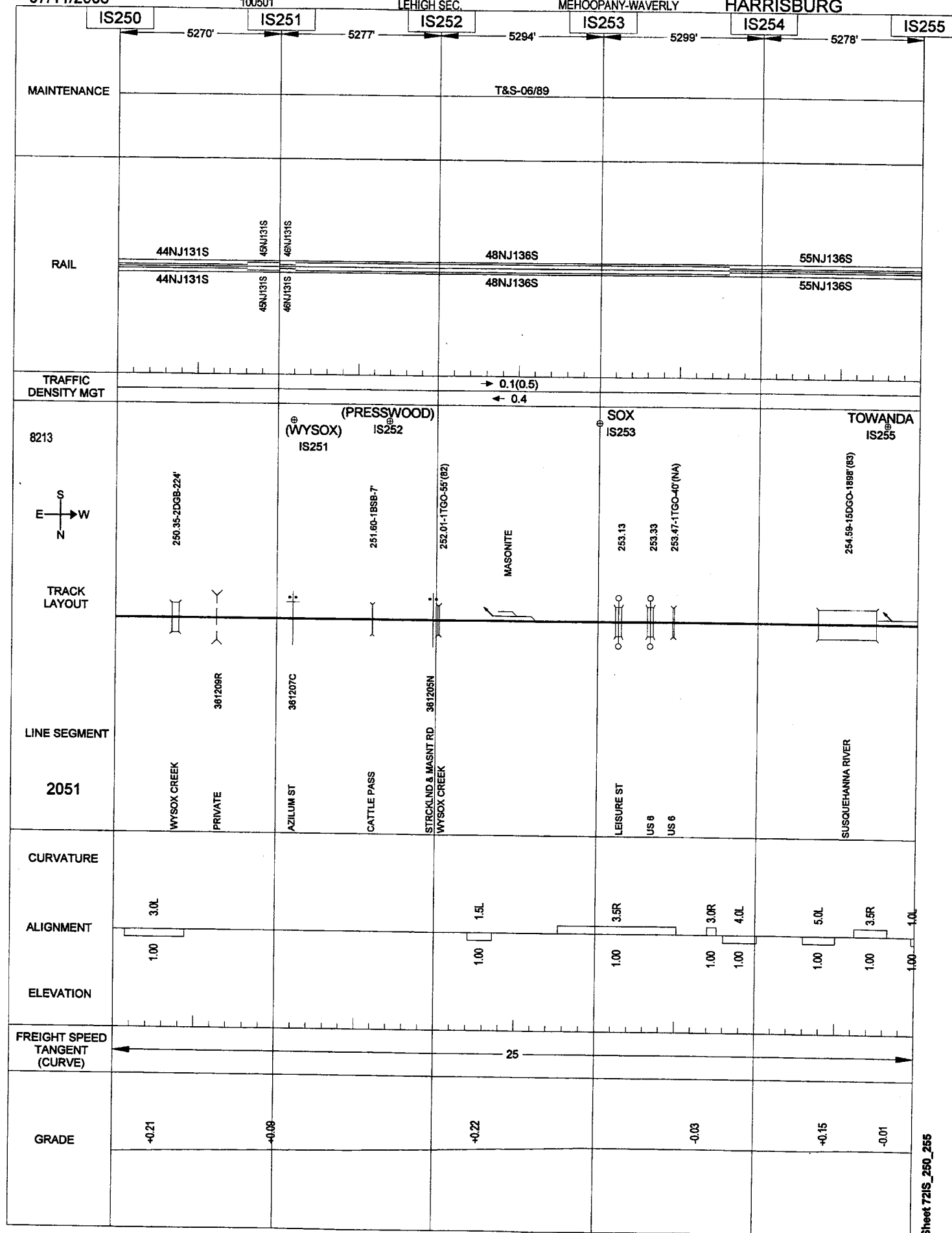
100501

348

LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



07/11/2006

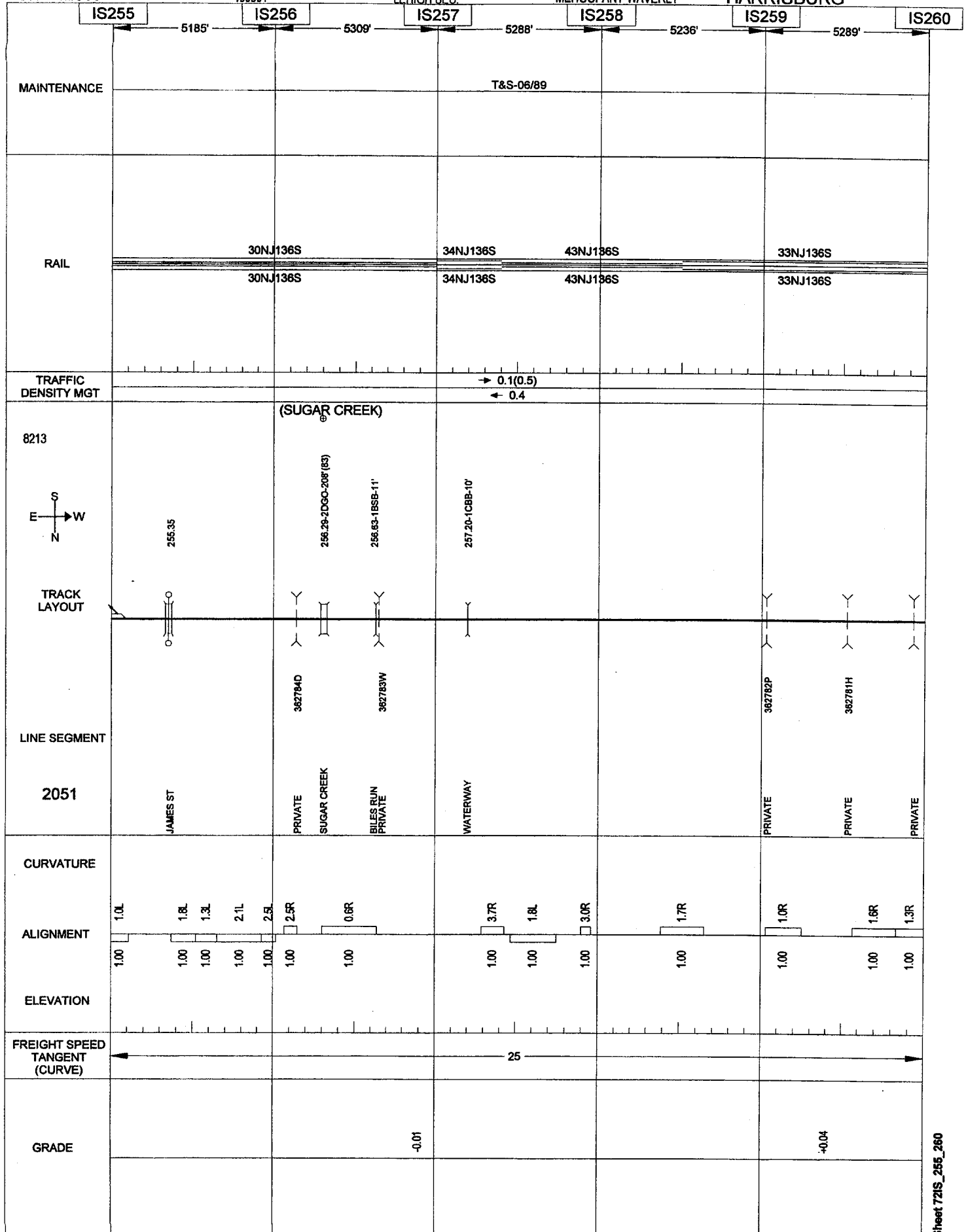
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349

LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



07/11/2006

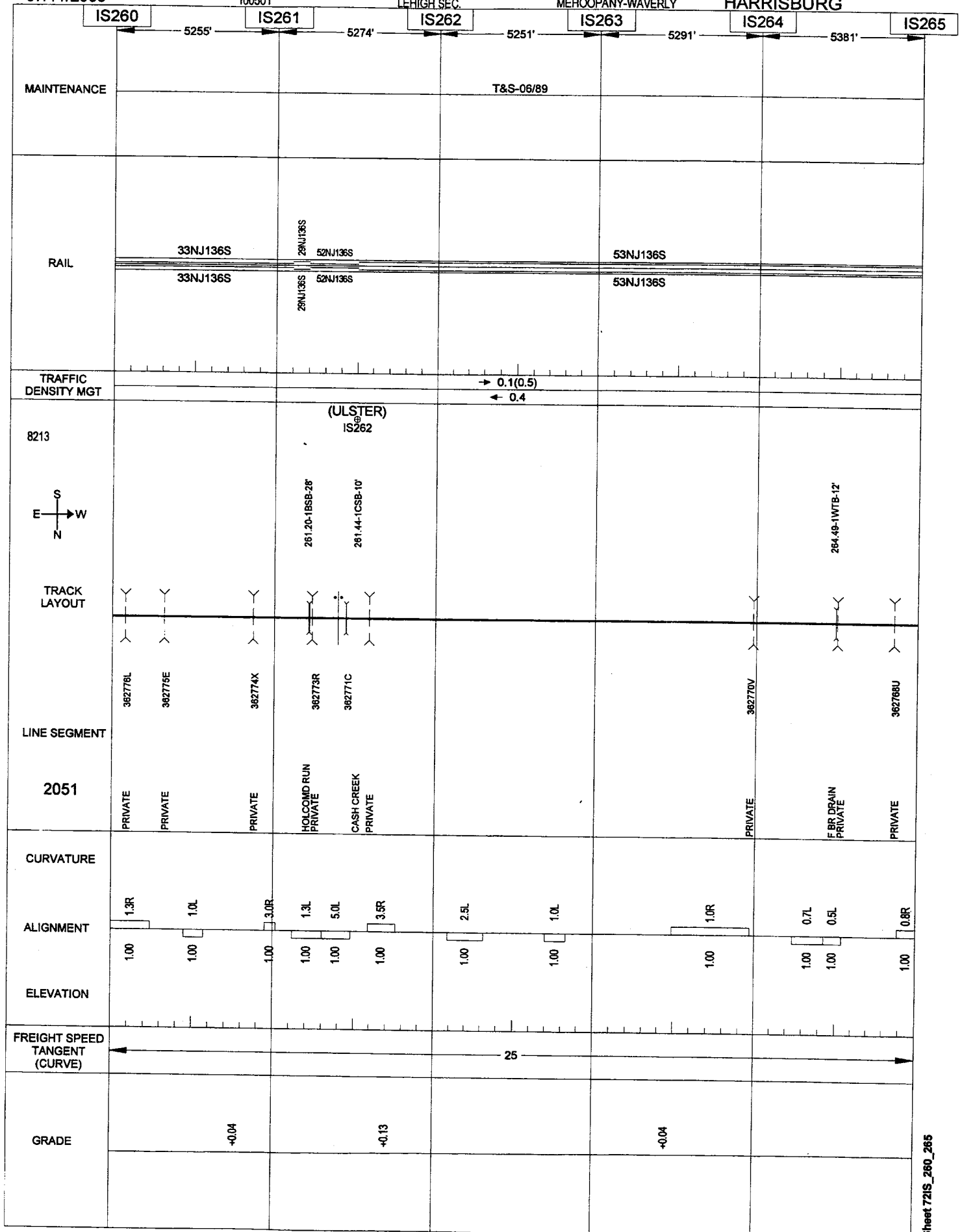
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350

LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



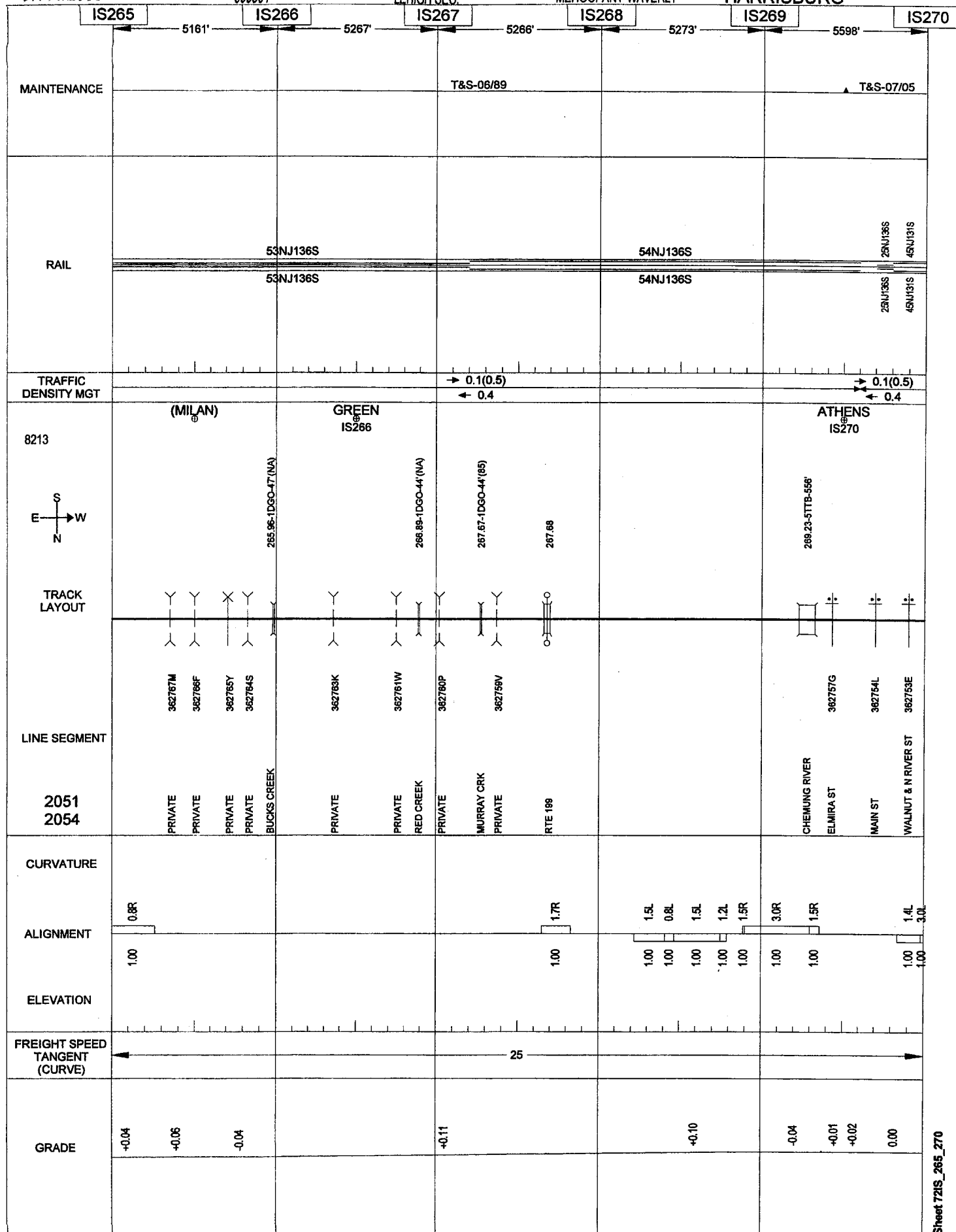
07/11/2006

300501

351
LEHIGH SEC.

MEHOOPANY-WAVERLY

HARRISBURG



07/17/2006

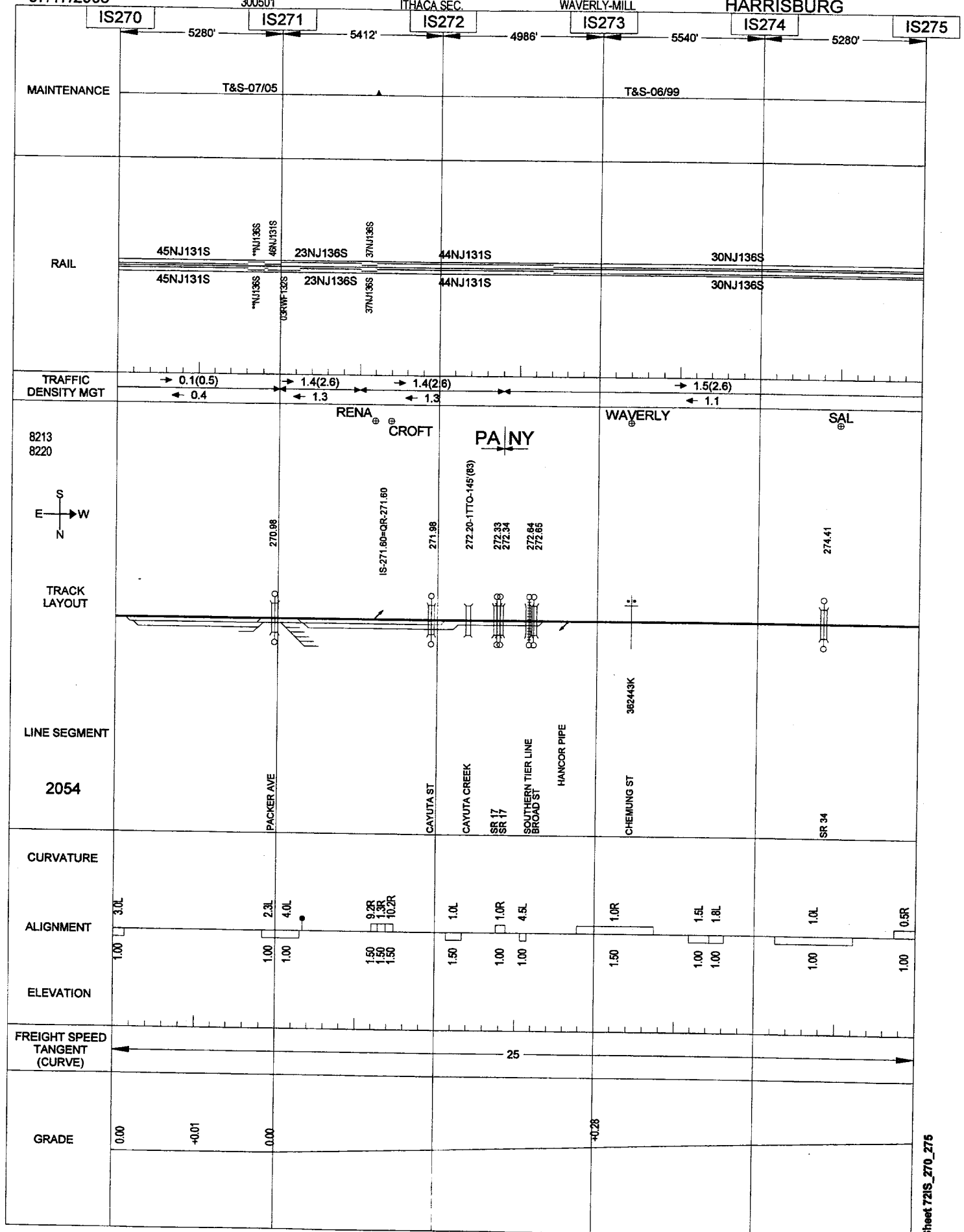
300501

352

ITHACA SEC.

WAVERLY-MILL

HARRISBURG



07/11/2006

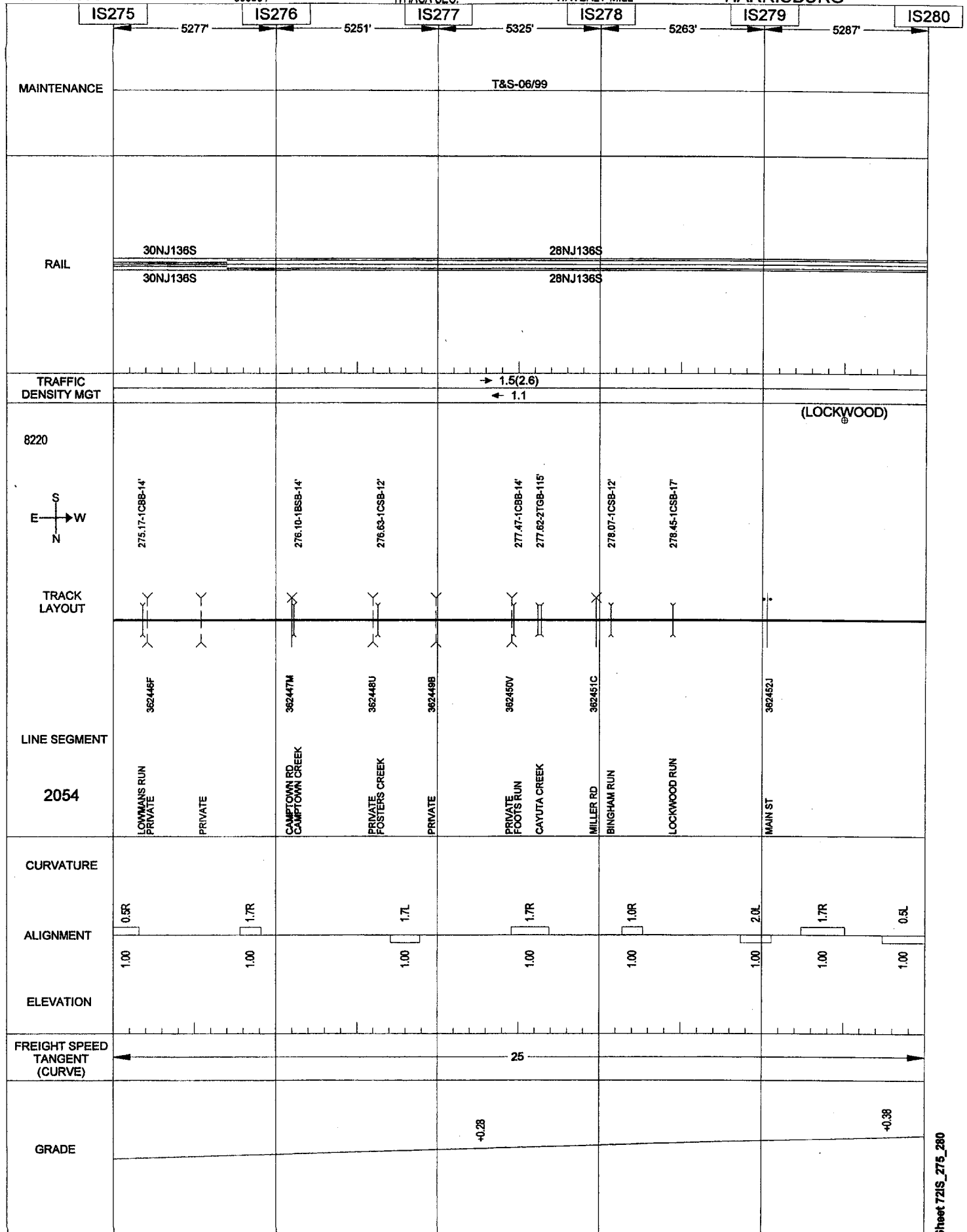
300501

353

ITHACA SEC.

WAVERLY-MILL

HARRISBURG



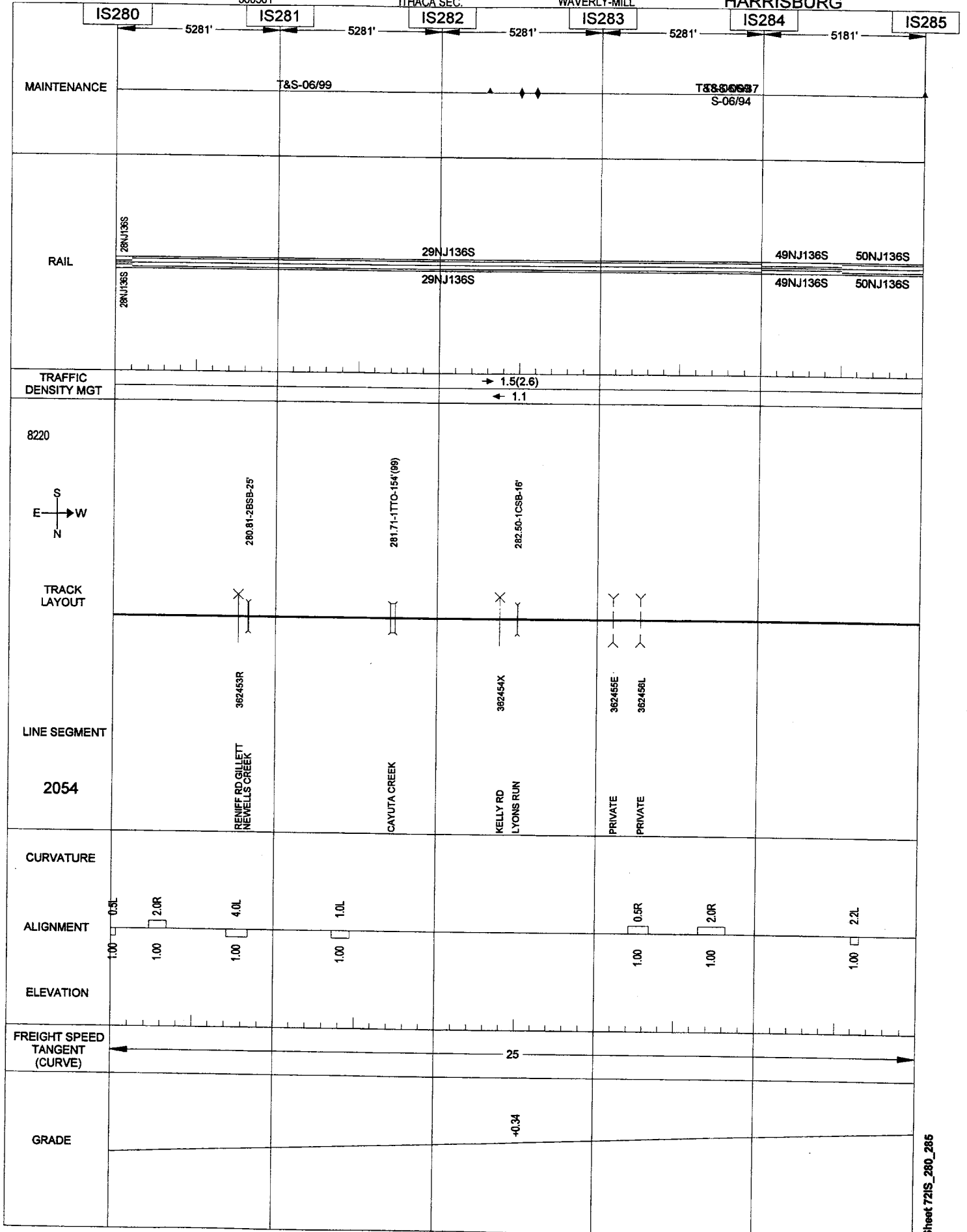
07/11/2006

300501

354
ITHACA SEC.

WAVERLY-MILL

HARRISBURG



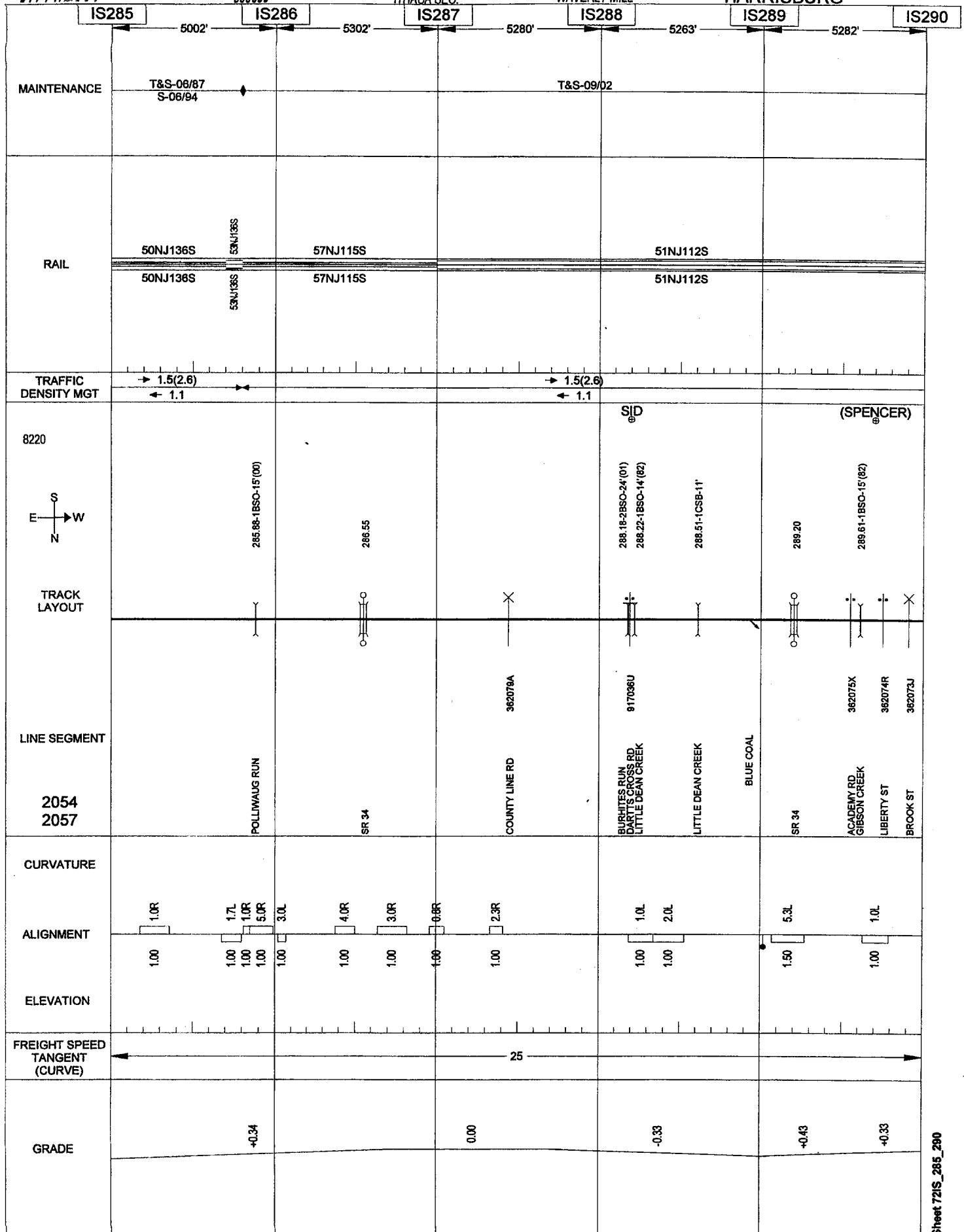
07/11/2006

300609

355
ITHACA SEC.

WAVERLY-MILL

HARRISBURG



07/11/2006

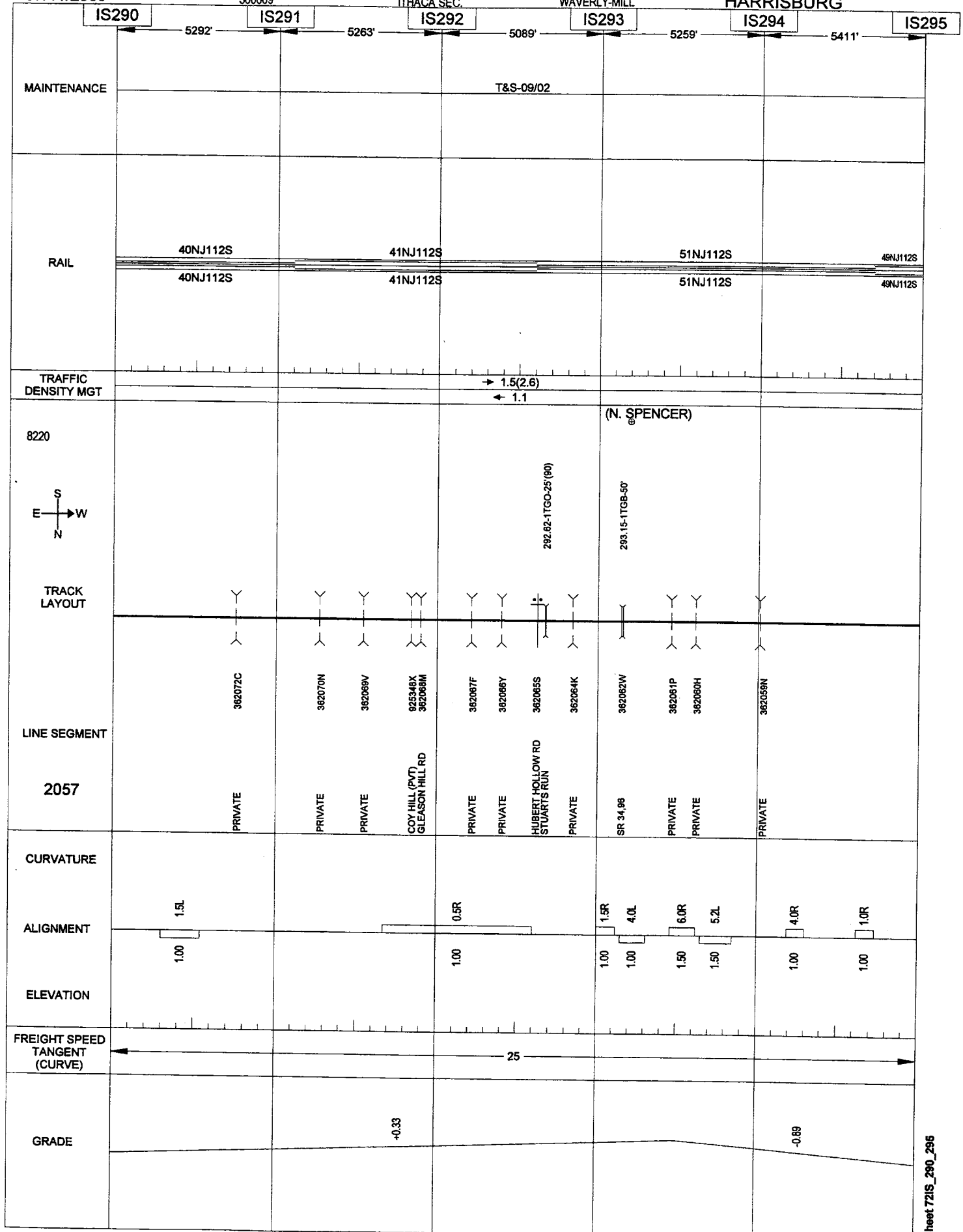
300609

356

ITHACA SEC.

WAVERLY-MILL

HARRISBURG



IS295

IS296

IS297

IS298

IS299

IS300

- 5167'

- 5442'

- 5124

5275

5085

MAINTENANCE

T&S-09/02

RAIL

49NJ112S

49NJ112S

D3RWF132S

49NJ112S

TRAFFIC
DENSITY MGT

→ 1.5(2.6)

8220



TRACK LAYOUT

LINE SEGMENT

2057

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

- 25

GRADE

90

1.10

162

07/11/2006

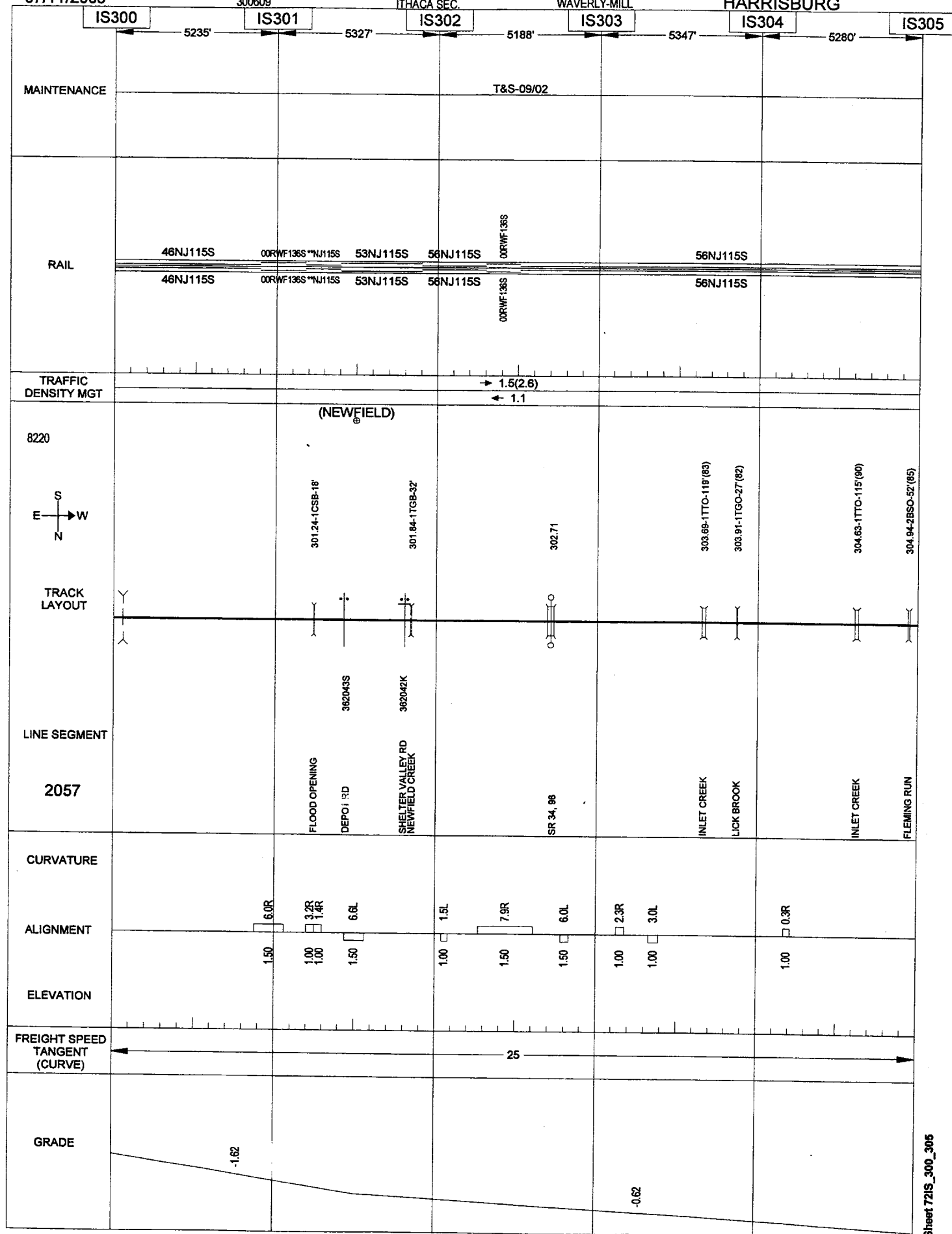
300609

358

ITHACA SEC.

WAVERLY-MILL

HARRISBURG



HARRISBURG

IS310

5284

T&S-09/02

RAIL

57NJ115S

83RW130S

57NJ115S

83RW130S

**TRAFFIC
DENSITY MGT**

→ 1.5(2.6)

→ 1.4(2.5)

8220
8219

RAM

ITHACA
IS307

(STATE ST)

TRACK LAYOUT

LINE SEGMENT

2057
2060

CURVATURE

ALIGNMENT

ELEVATION

**FREIGHT SPEED
TANGENT
(CURVE)**

GRADE

-0.20

 ± 0.02

+0.02

Sheet 72IS_305_310

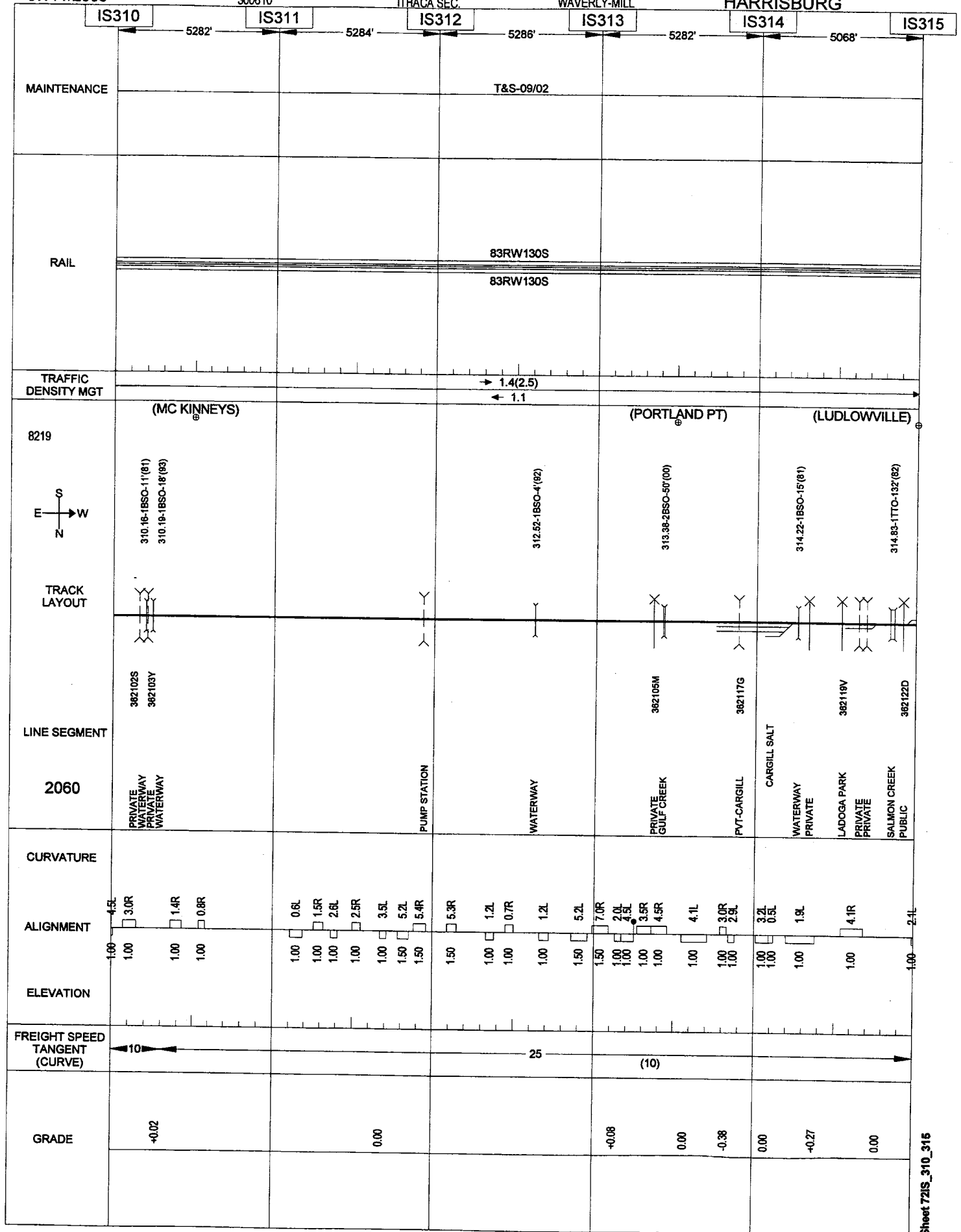
07/11/2006

300610

360
ITHACA SEC.

WAVERLY-MILL

HARRISBURG



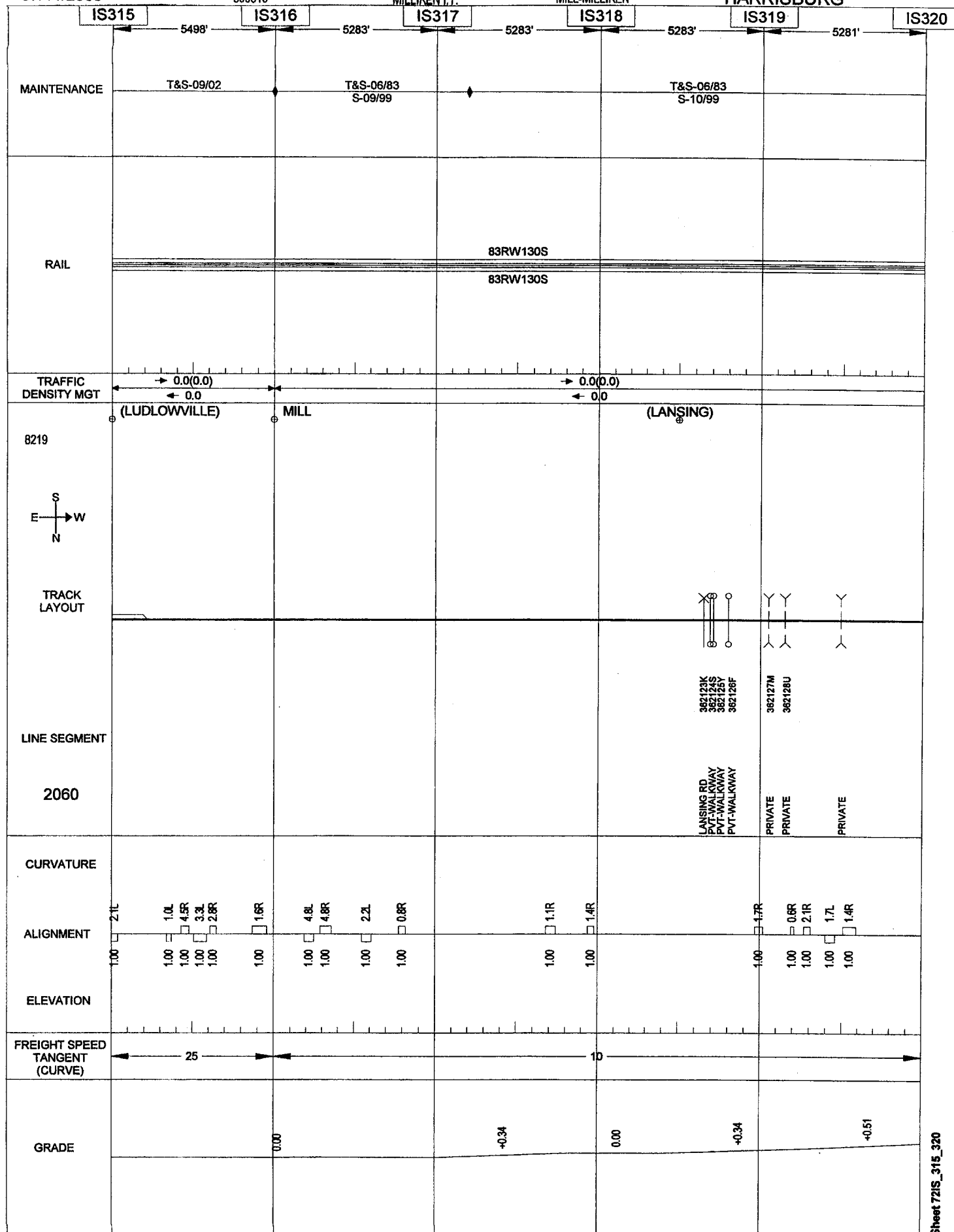
07/11/2006

300610

361
MILLIKEN I.T.

MILL-MILLIKEN

HARRISBURG



07/11/2006

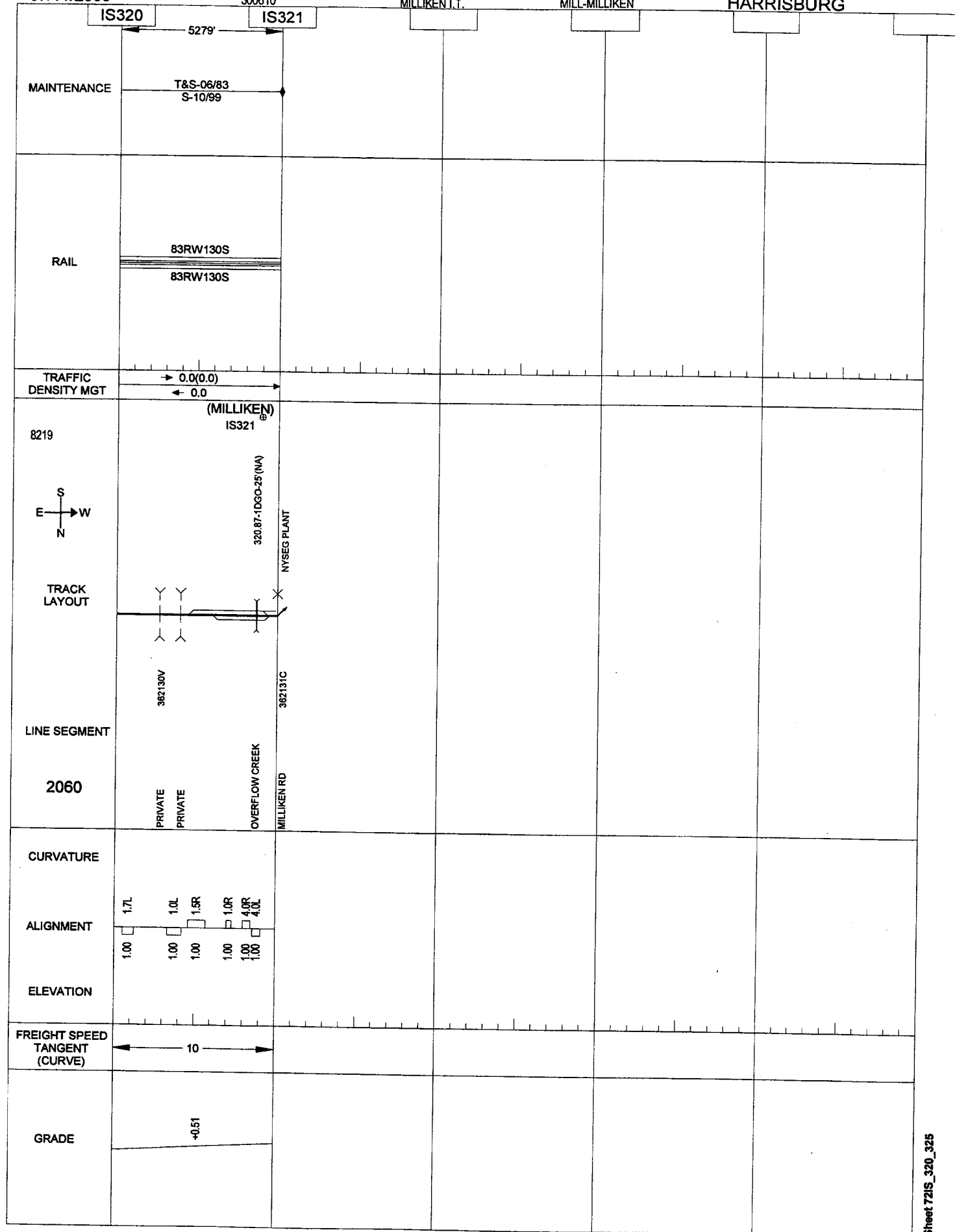
300610

362

MILLIKEN I.T.

MILL-MILLIKEN

HARRISBURG



07/11/2006

300618

363

LEHIGH SEC.

CROFT-CP WAVERLY

HARRISBURG

QR272

QR273

5280'

5280'

5280'

MAINTENANCE

T&S-07/05

RAIL

04NWF132S

04NWF132S

04NWF132S

04NWF132S

04NWF132S

TRAFFIC
DENSITY MGT

1.3(3.2)

1.9

1.3(3.2)

1.9

RENA/CROFT

(SAYRE)

CP WAVERLY

8213
8220TRACK
LAYOUT

QR-271.50-1S-271.60

362747B

362744F

273.34-2TGS-290'

273.50

QR-273.20-SR-254.93

LINE SEGMENT

2063

SPRING ST

BRADFORD ST

ST ROUTE 17

PENNA AVE

CURVATURE

ALIGNMENT

ELEVATION

4.6L

1.00

4.5L

1.00

5.3L

1.00

3.0L

1.00

3.0R

1.00

FREIGHT SPEED
TANGENT
(CURVE)

25

10

GRADE

+0.38

+0.87

+0.67

+0.17

HARRISBURG



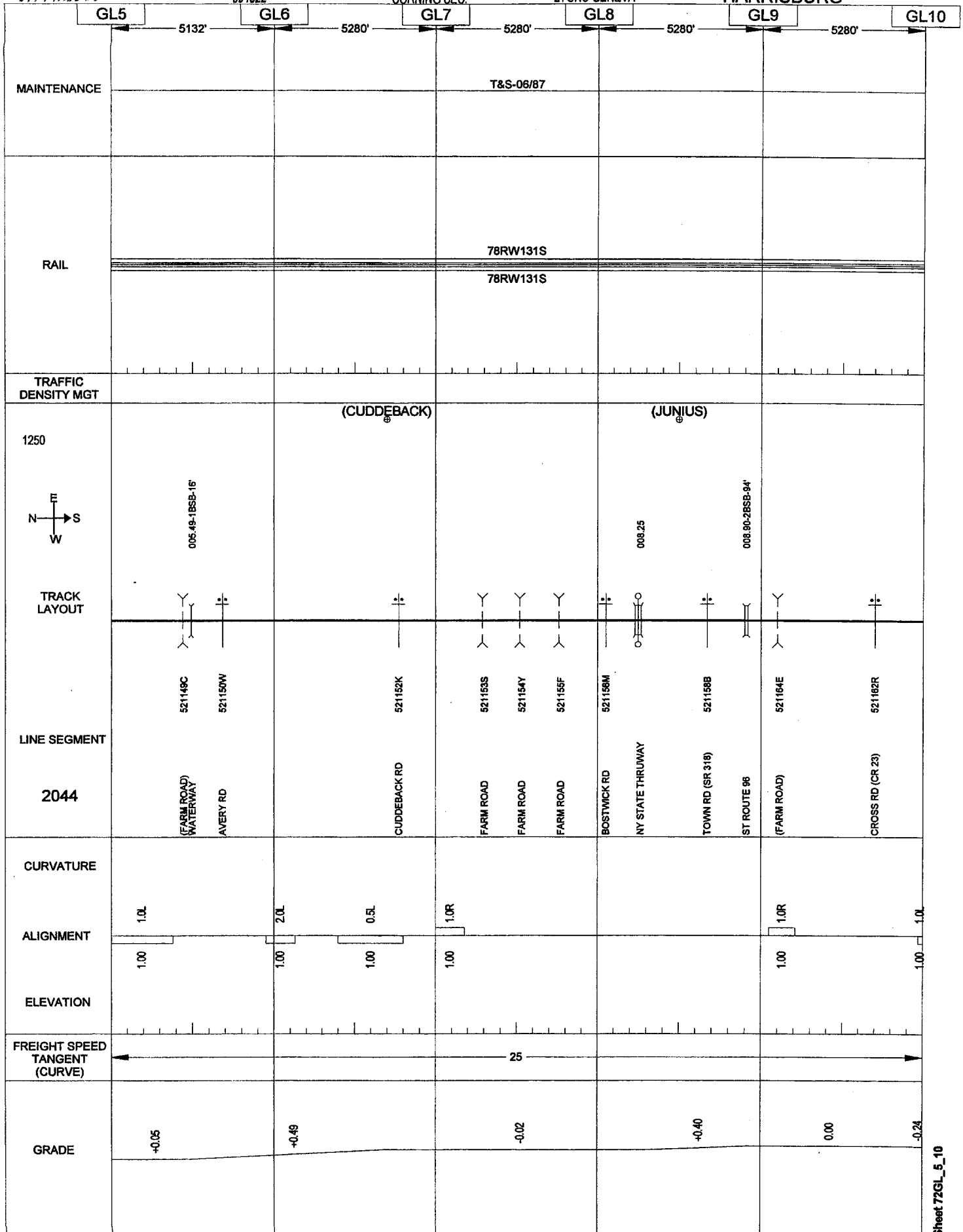
07/11/2006

304822

365
CORNING SEC.

LYONS-GENEVA

HARRISBURG



07/11/2006

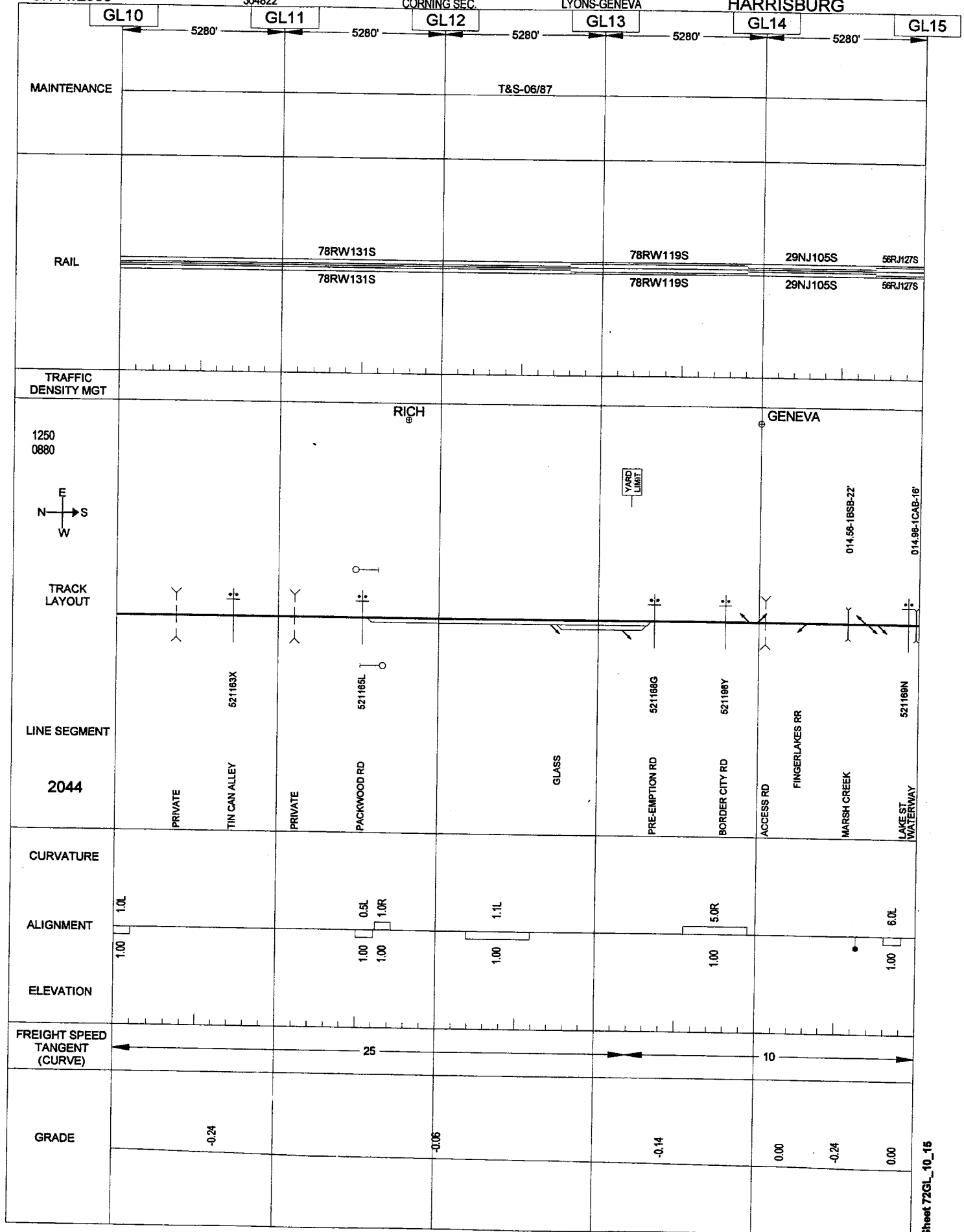
304822

366

CORNING SEC.

LYONS-GENEVA

HARRISBURG



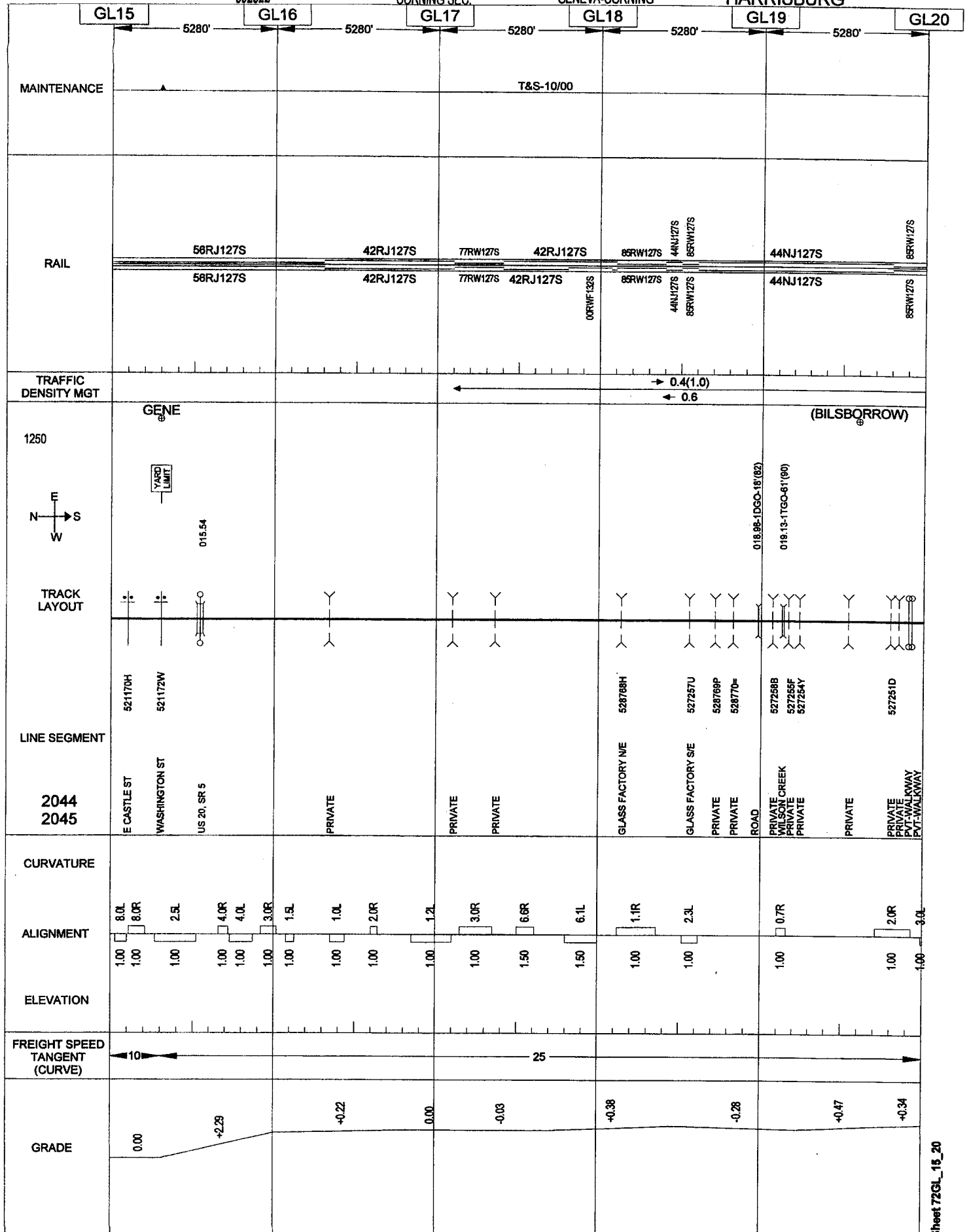
07/11/2006

302322

367
CORNING SEC.

GENEVA-CORNING

HARRISBURG



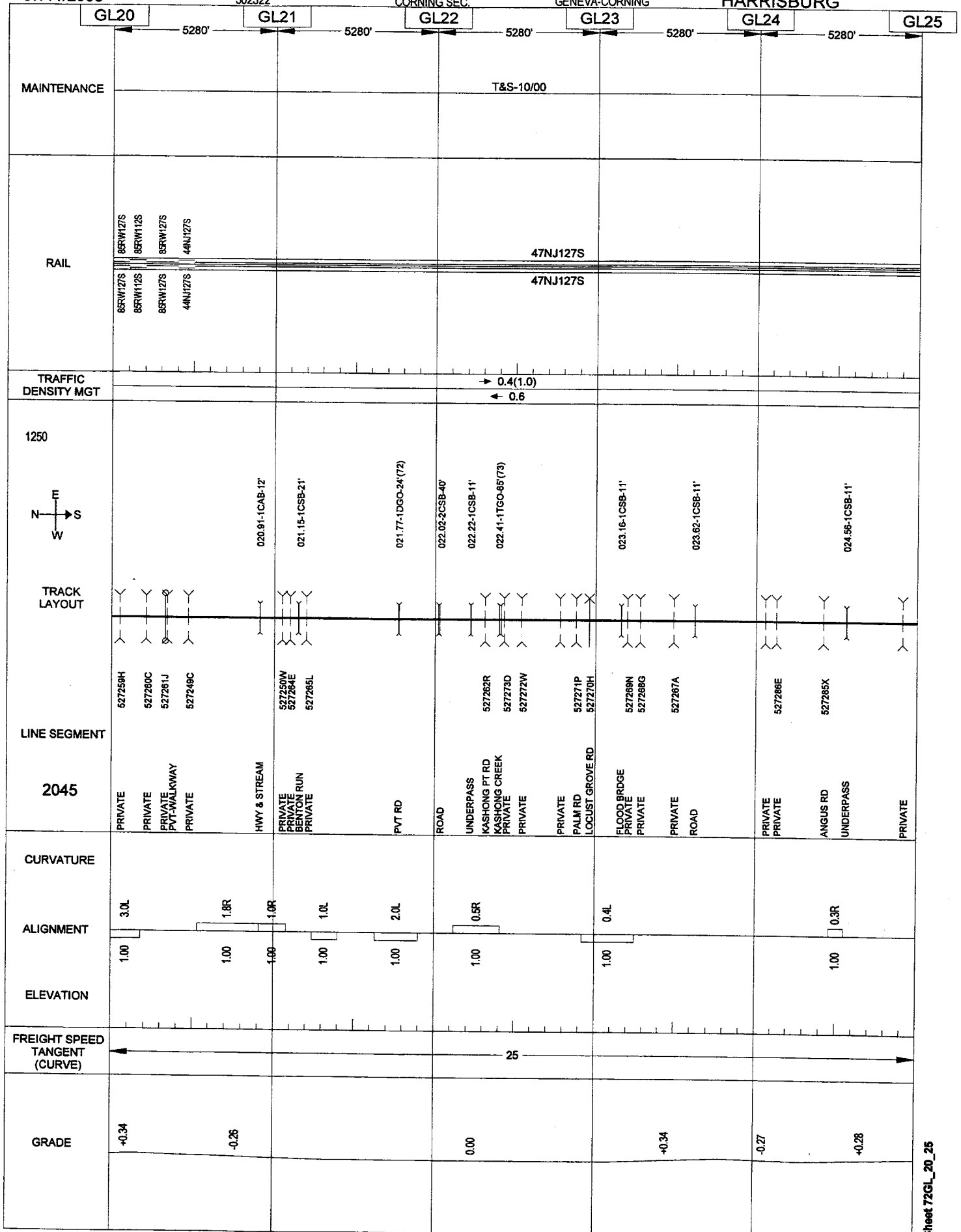
07/11/2006

302322

368
CORNING SEC.

GENEVA-CORNING

HARRISBURG



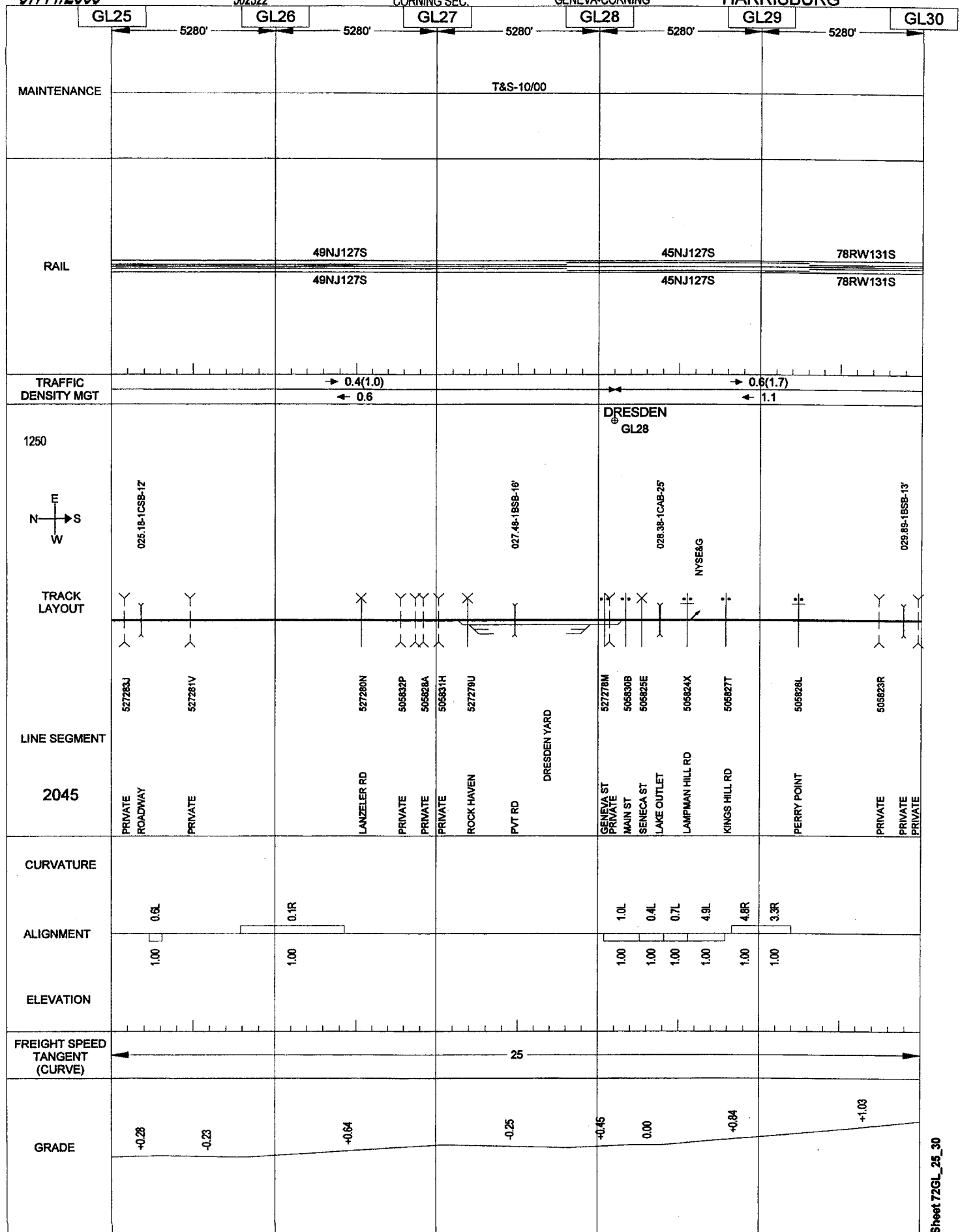
07/11/2006

302322

369
CORNING SEC.

GENEVA-CORNING

HARRISBURG



07/11/2006

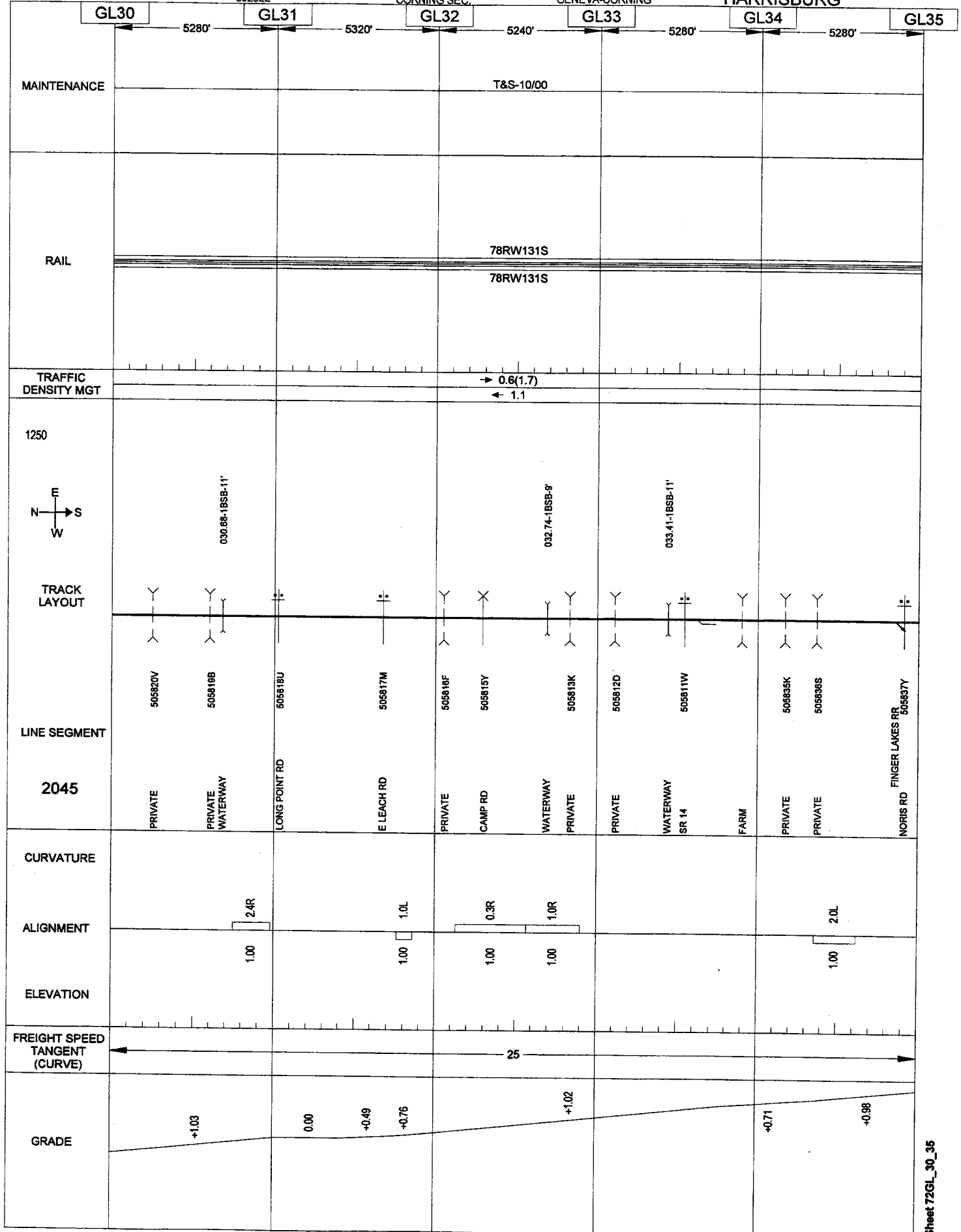
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370

CORNING SEC.

GENEVA-CORNING

HARRISBURG



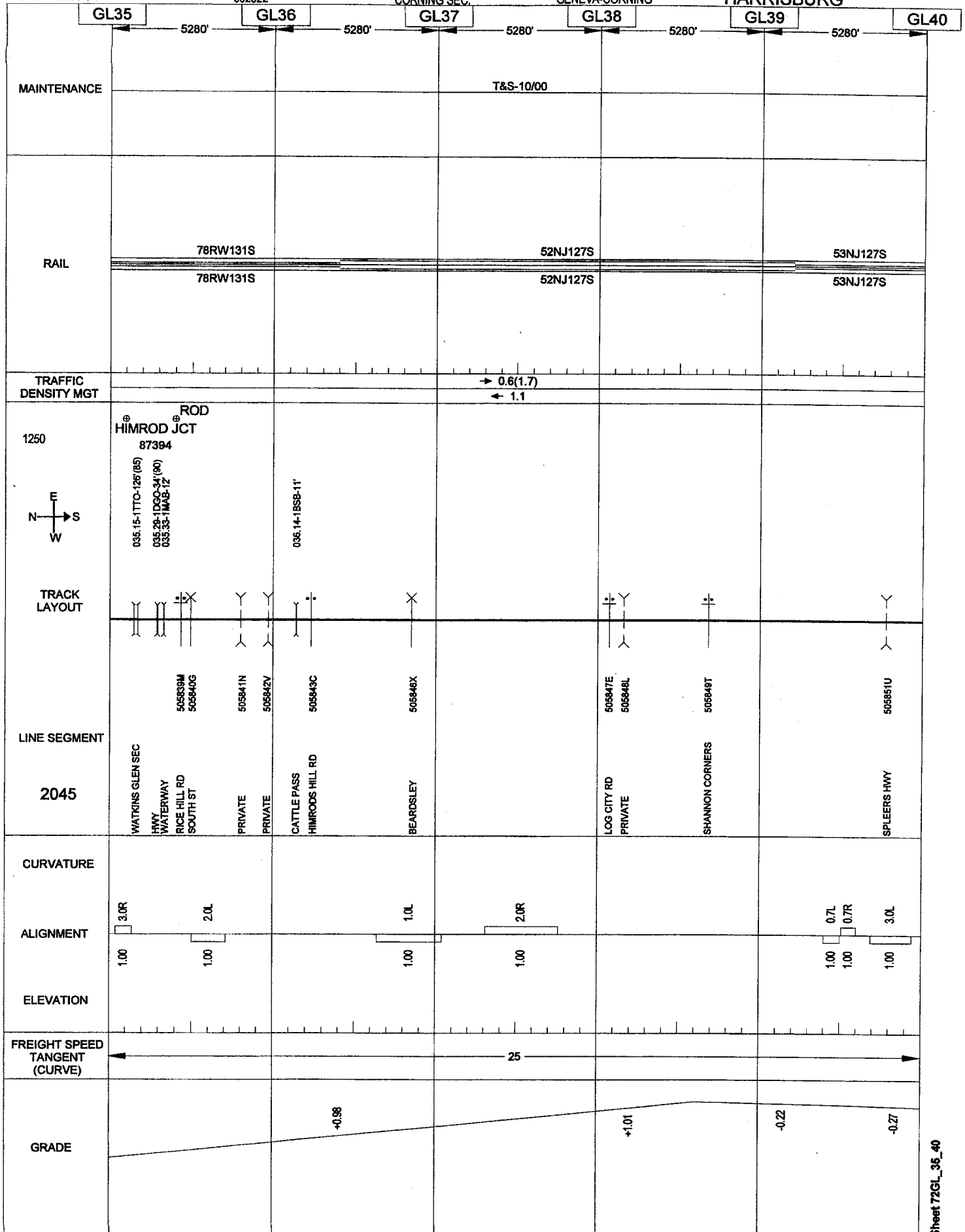
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302322

371
CORNING SEC.

GENEVA-CORNING

HARRISBURG



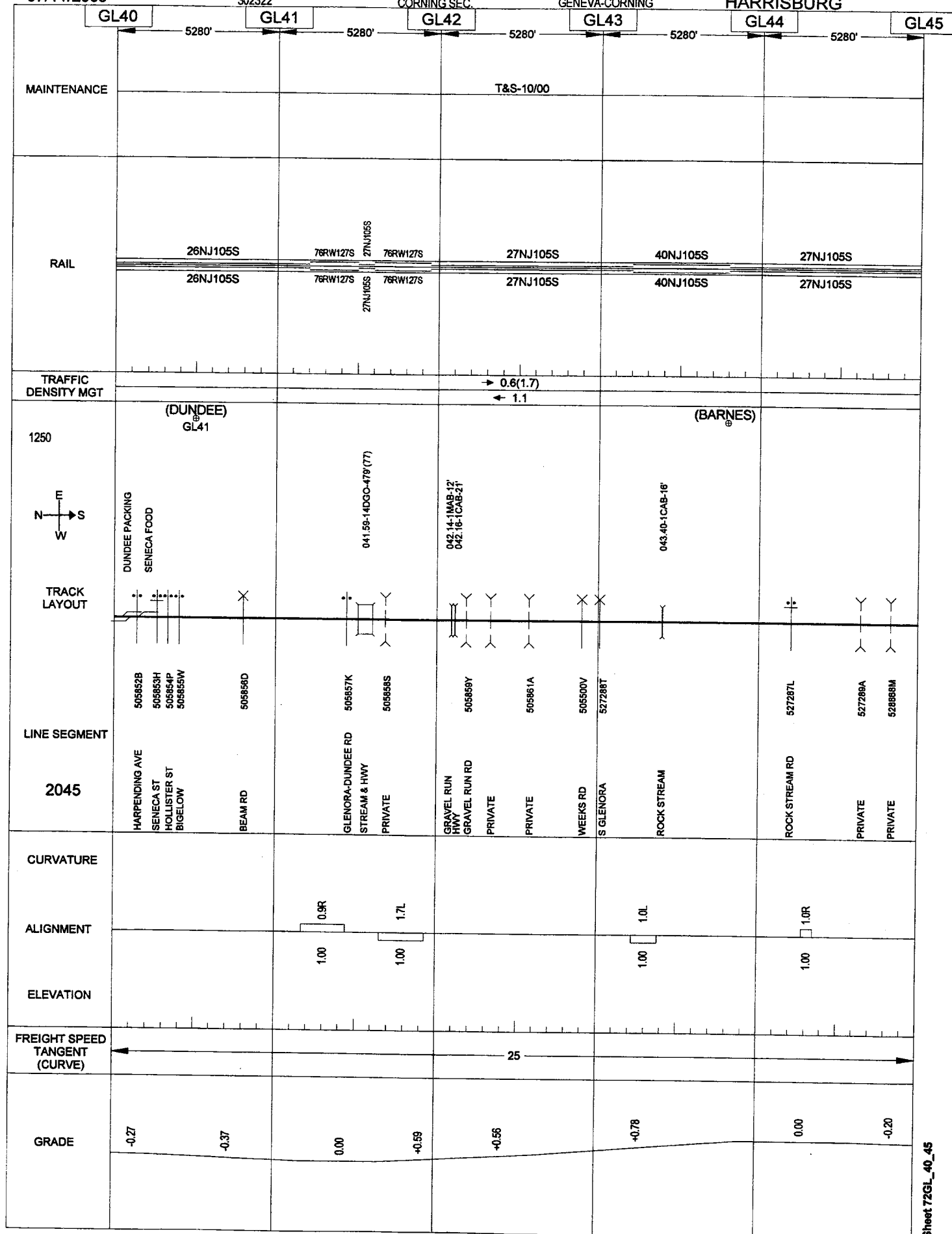
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302322

372
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GENEVA-CORNING

HARRISBURG



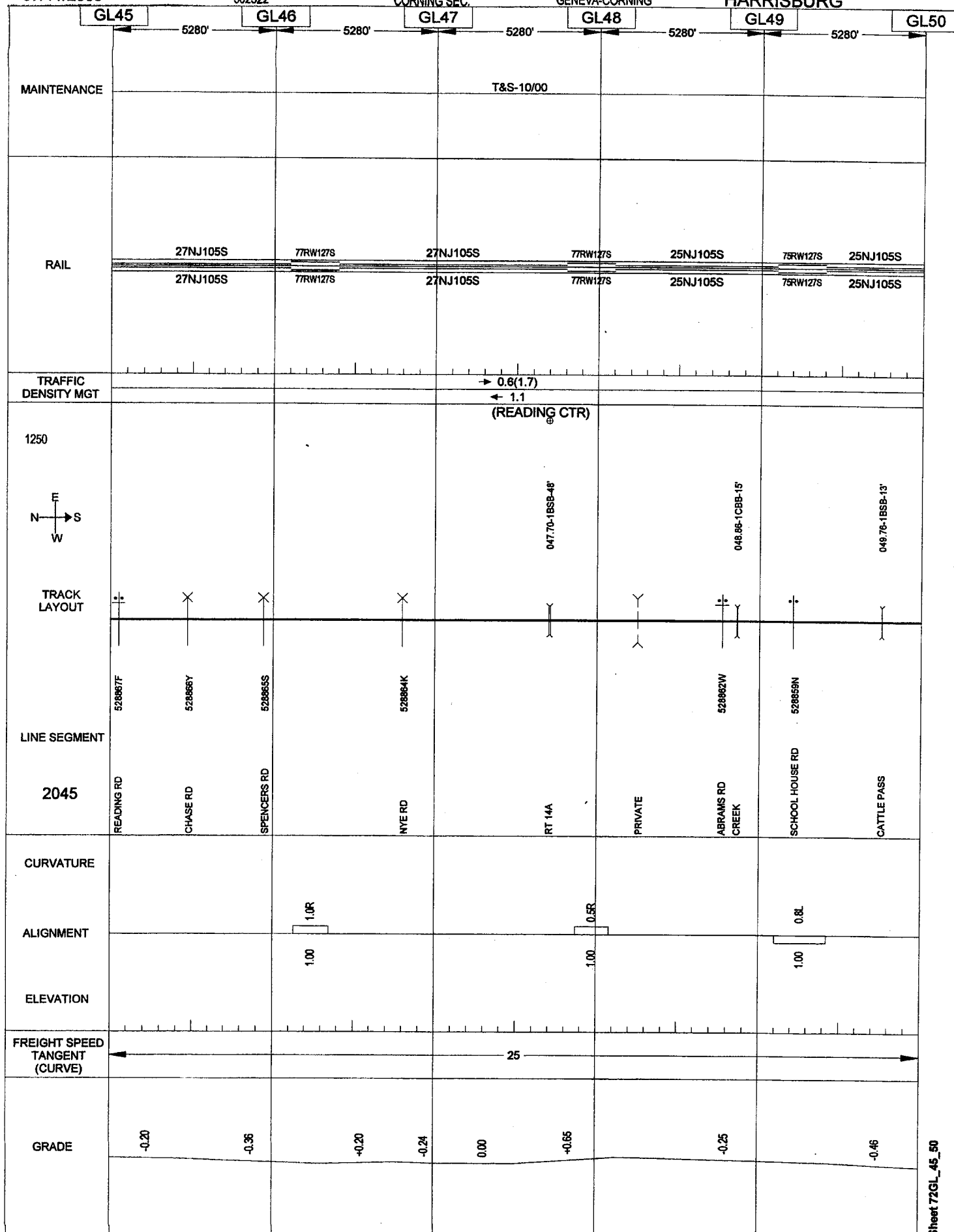
07/11/2006

302322

373
CORNING SEC.

GENEVA-CORNING

HARRISBURG



07/11/2006

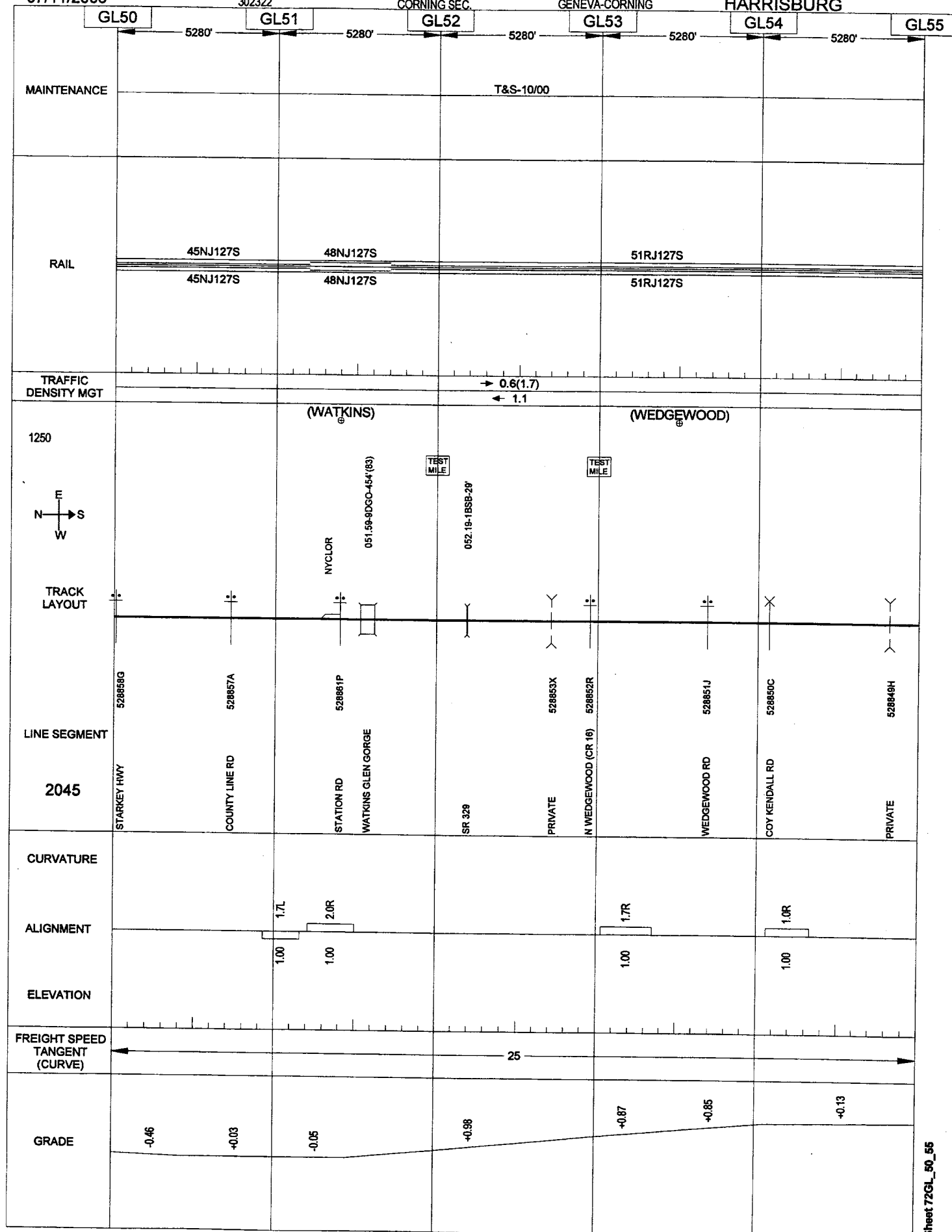
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374

CORNING SEC.

GENEVA-CORNING

HARRISBURG



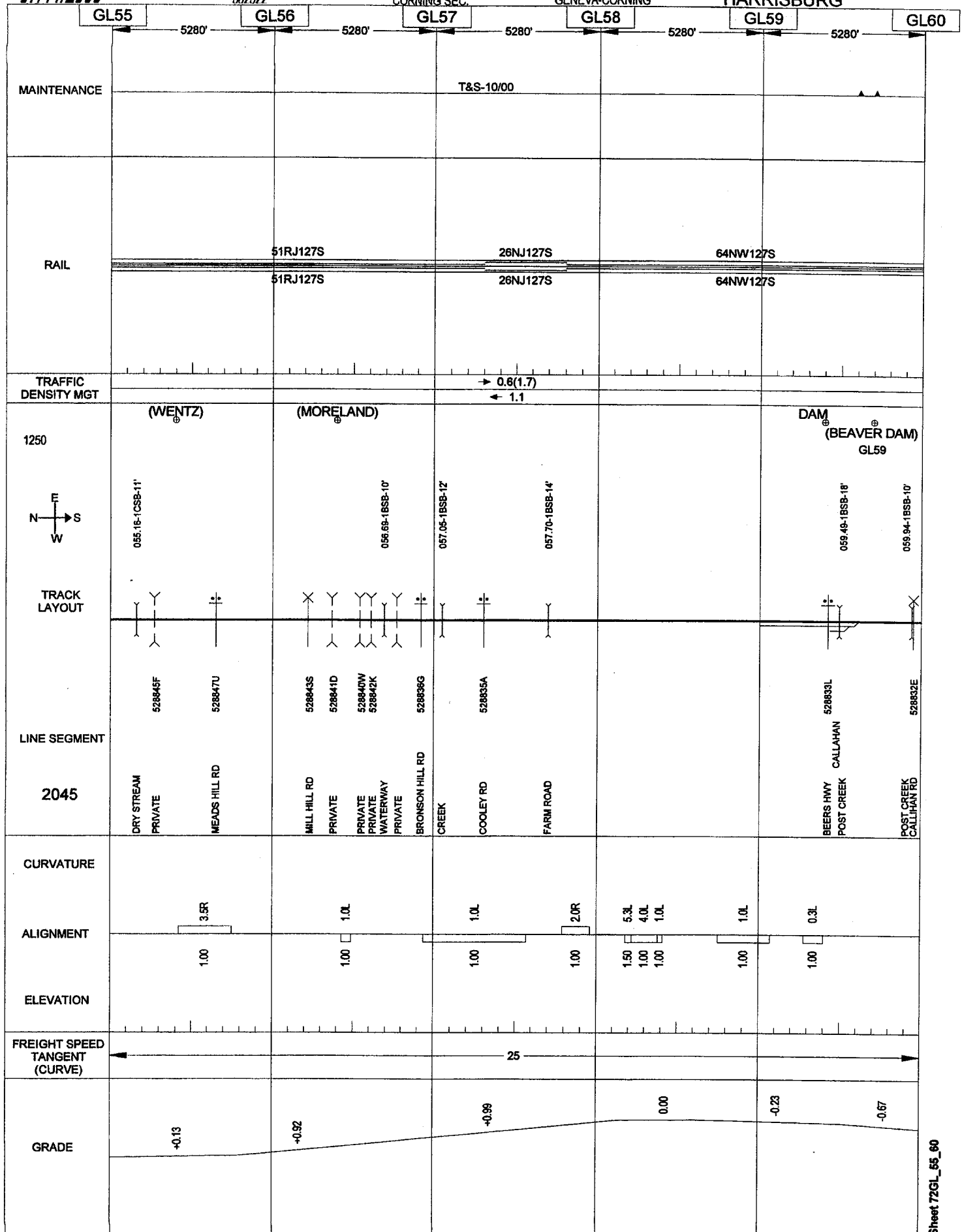
07/11/2006

302322

375
CORNING SEC.

GENEVA-CORNING

HARRISBURG



07/11/2006

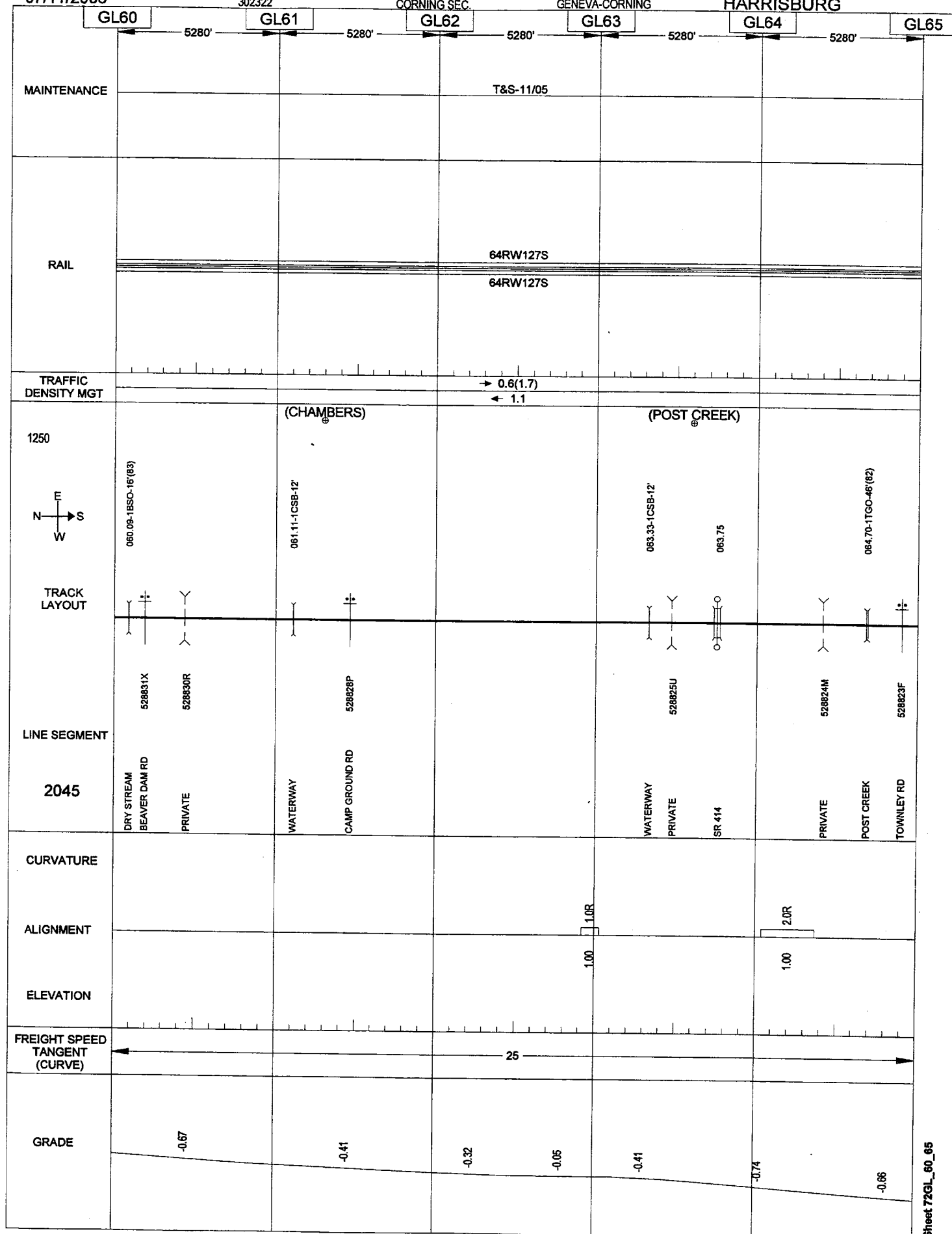
302322

376

CORNING SEC.

GENEVA-CORNING

HARRISBURG



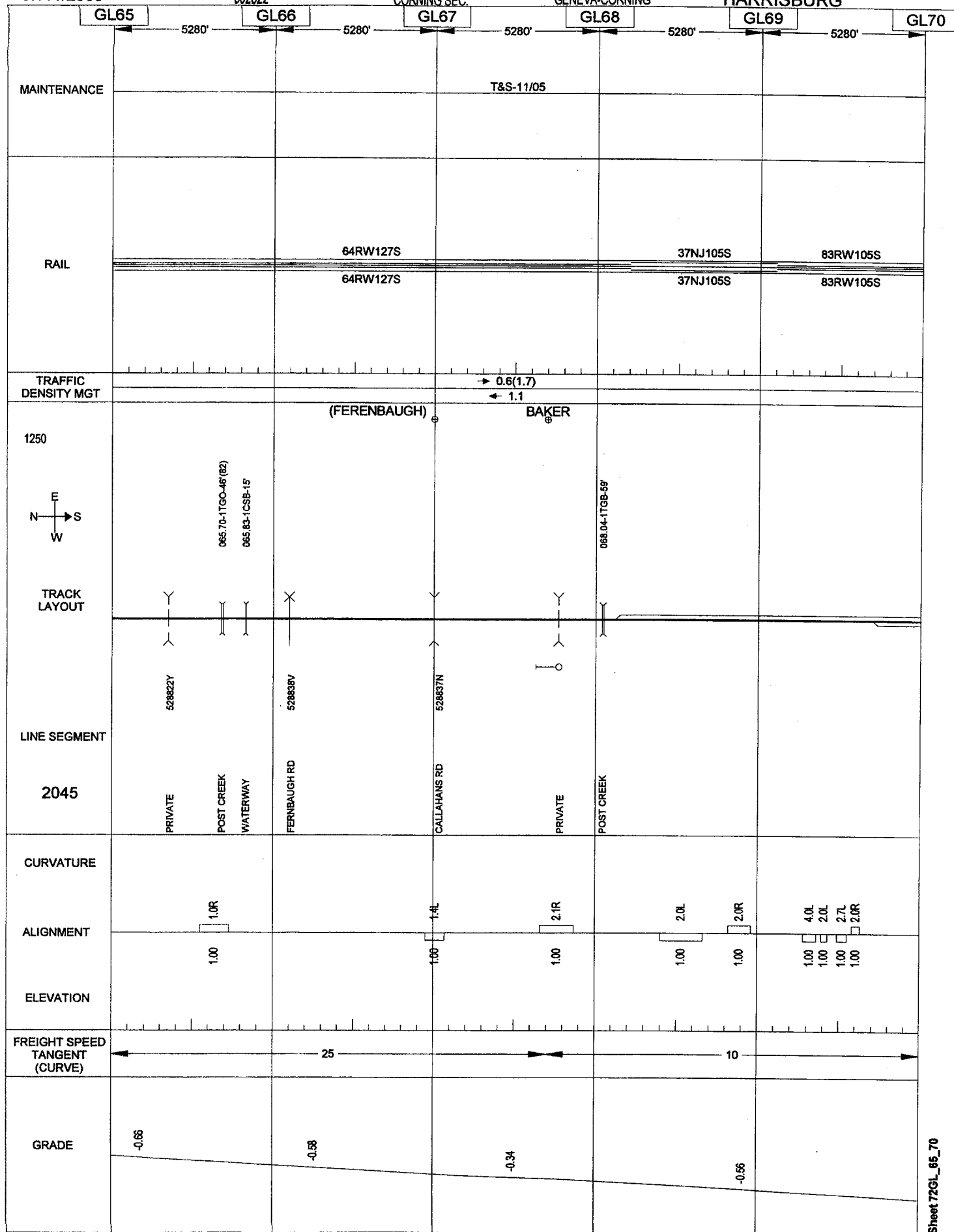
07/11/2006

302322

377
CORNING SEC.

GENEVA-CORNING

HARRISBURG



07/11/2006

302322

378

CORNING SEC.

GENEVA-CORNING

HARRISBURG

GL70

5168'

MAINTENANCE

T&S-11/05

RAIL

83RW105S 79RW132S 21N105S

83RW105S 79RW132S 21N105S

21N105S

TRAFFIC
DENSITY MGT→ 0.6(1.7)
← 1.1

CP CORNING/CP GIBSON

1250

N
E
S
WTRACK
LAYOUT070.48
GL-70.77/SR-290.35
070.65-1TGB-125'
070.69
070.78-1TGB-45'

LINE SEGMENT

2045

HIGH ST
PRIVATE
POST CREEK
SR 14
BAKER ST
PRIVATE

GL-70.90-SR-290.85

CURVATURE

ALIGNMENT

1.5L 4.0L 8.0R
1.00 1.00 1.50

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.56

-0.72

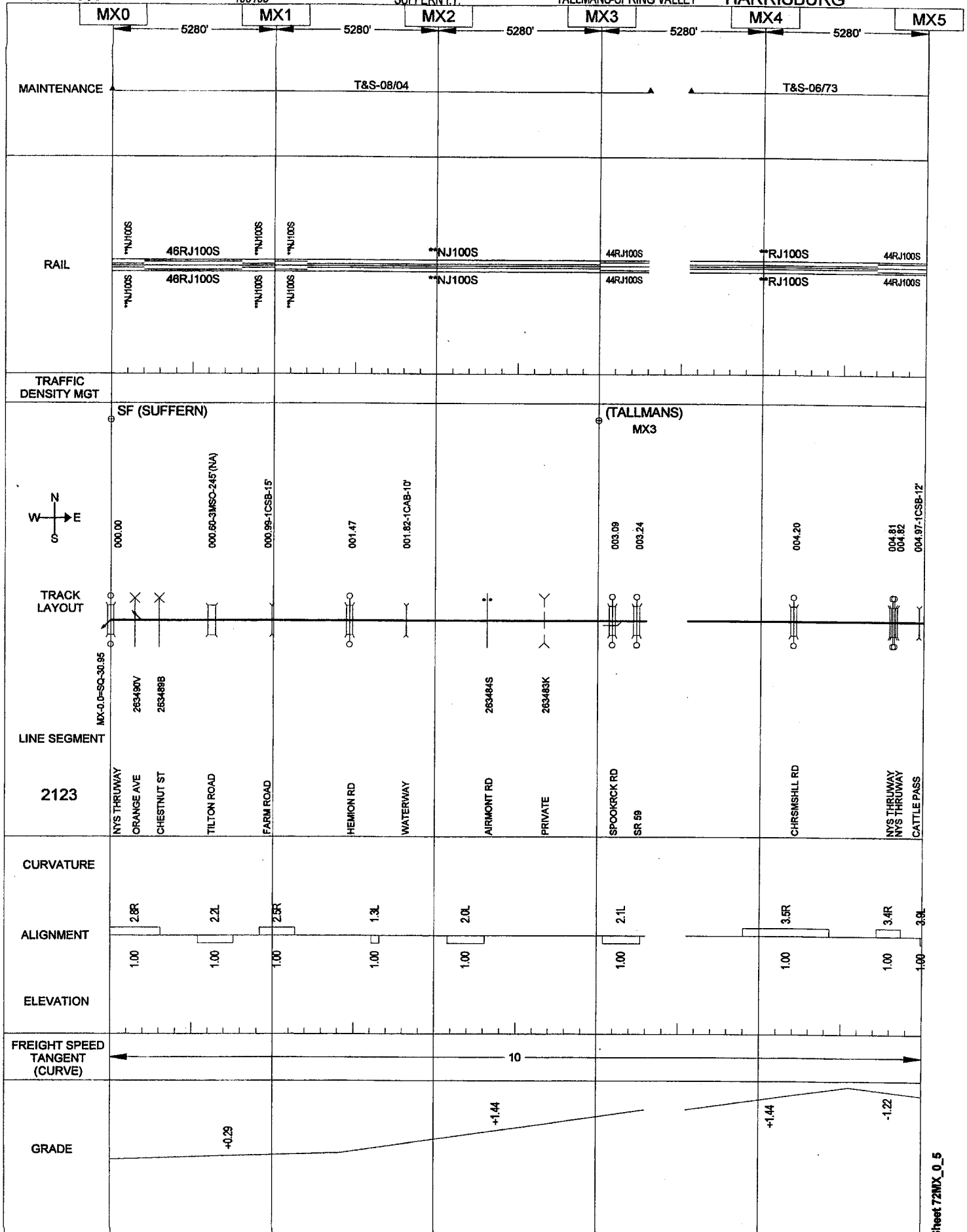
07/11/2006

106165

379
SUFFERN I.T.

TALLMANS-SPRING VALLEY

HARRISBURG



07/11/2006

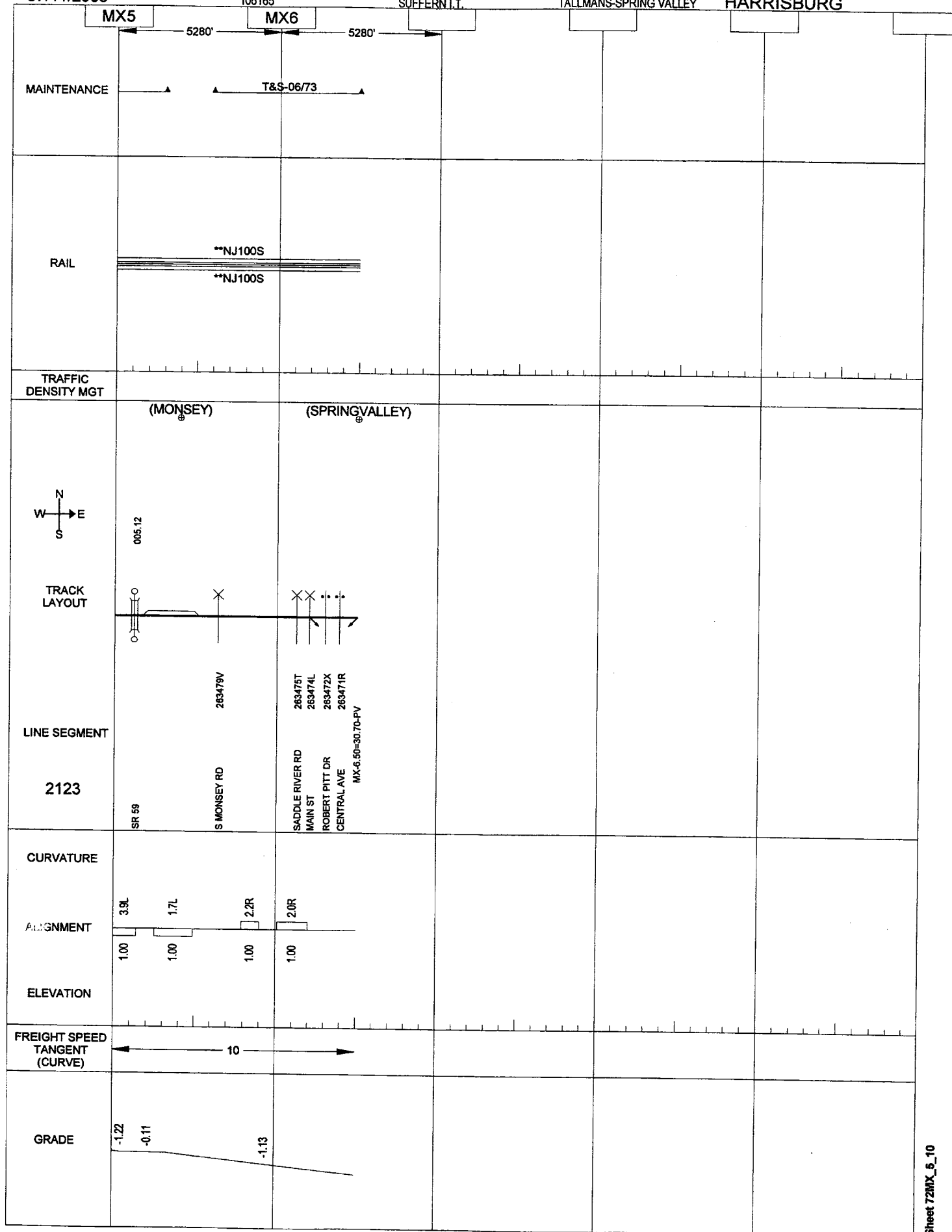
106165

380

SUFFERN I.T.

TALLMANS-SPRING VALLEY

HARRISBURG



07/11/2006

306102

381
HARRIMAN I.T.

NEWBURG JCT-HARRIMAN

HARRISBURG

ZU45

5280'

MAINTENANCE

T&S-06/81

RAIL

42NJ112S

42NJ112S

38NJ112S
38NJ112STRAFFIC
DENSITY MGT

→ 0.0(0.0)

← 0.0

(HARRIMAN)
ZU46

8323

S
E → W
N

ZU-45.00-JS-45.00

TRACK
LAYOUT

LINE SEGMENT

2909

ZU-45.60JS-45.38

CURVATURE

1.6L

1.0L

ALIGNMENT

1.00

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

0.00

07/11/2006

300101

382

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

→ 0.0(0.0)

← 0.0

8291

CP HUDSON JCT-HJ

(GIRARDE)
LX4

(HAMPTONBURG)

TRACK
LAYOUT

LINE SEGMENT

2546

LX-2.12=JS-63.26

GIRARDE WELLS CR 8 861200K

PRIVATE 925125G

HAMPTONBURG RD 861201S

RIDGE RD 004.96

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

25

GRADE

0.00

+0.79

+0.12

+0.14

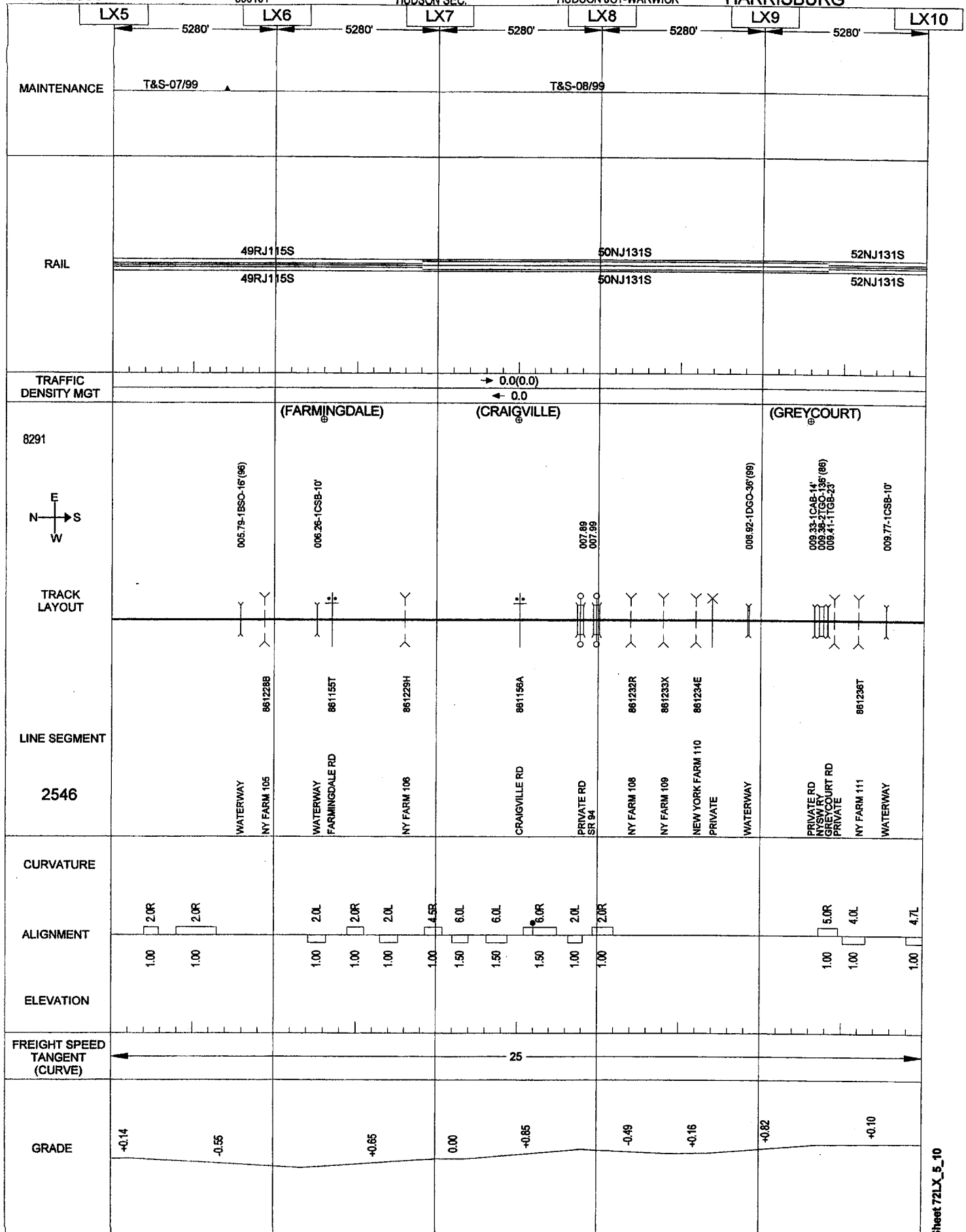
07/11/2006

383

HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG



07/11/2006

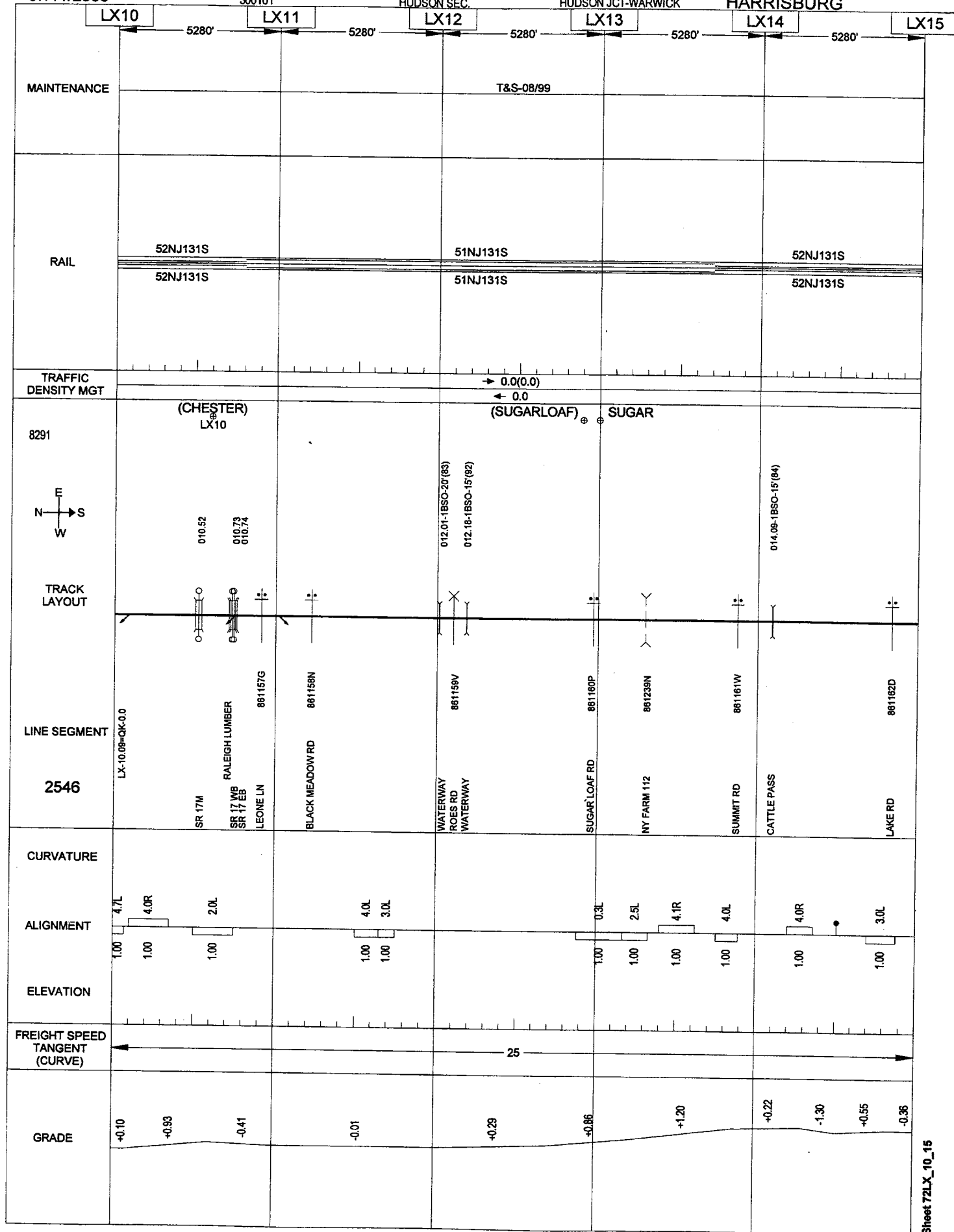
300101

384

HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG



07/11/2006

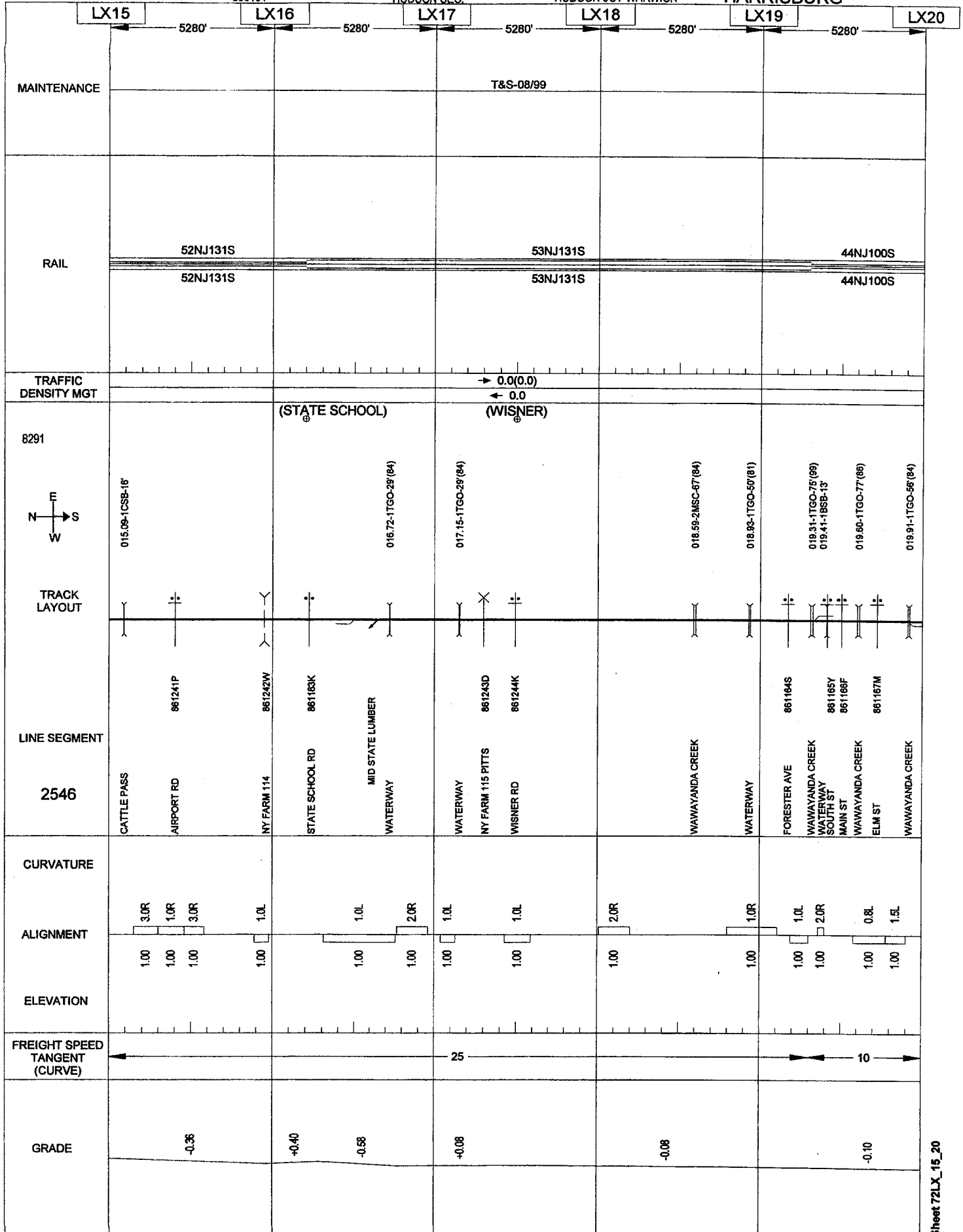
300101

385

HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG



07/11/2006

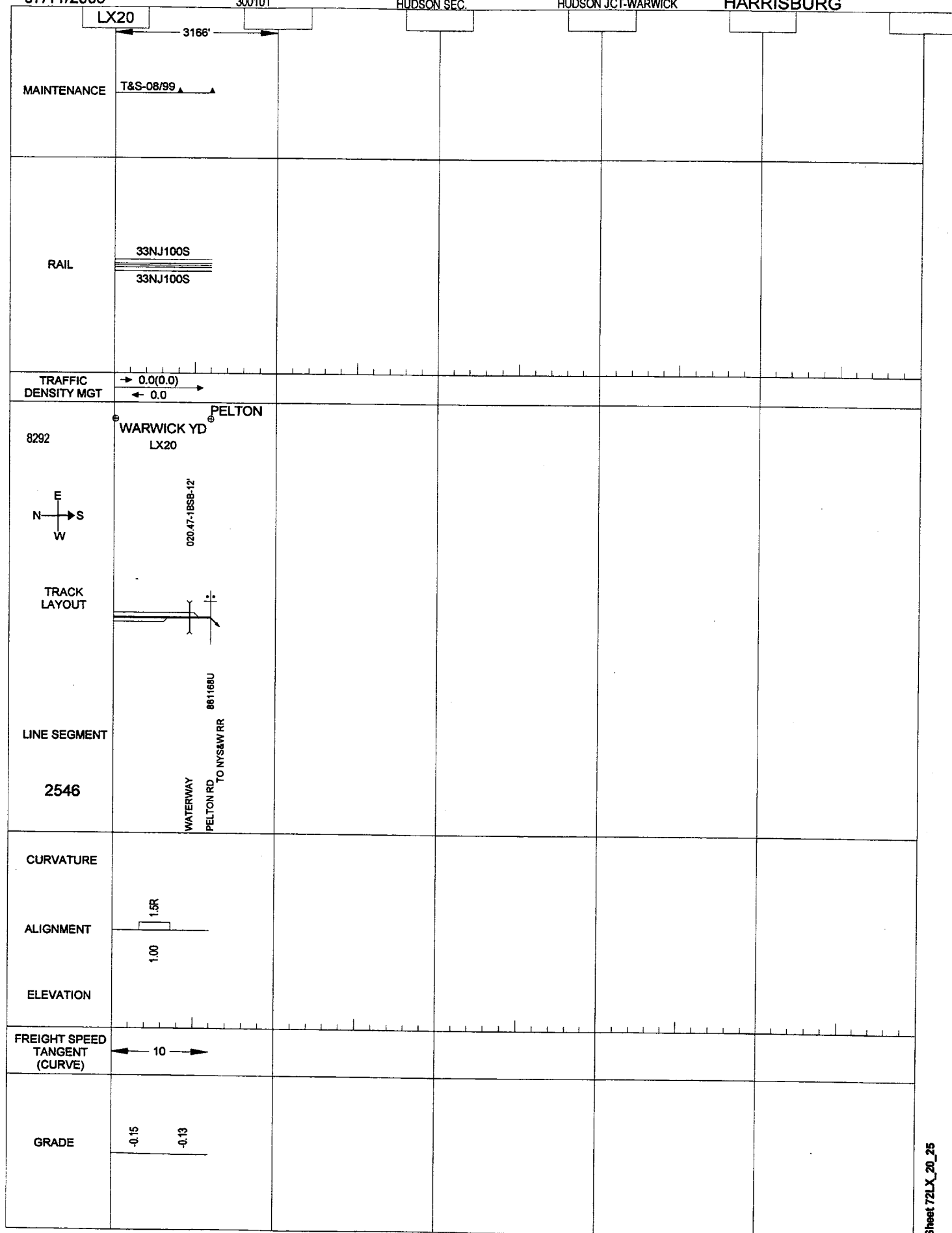
300101

386

HUDSON SEC.

HUDSON JCT-WARWICK

HARRISBURG



07/11/2006

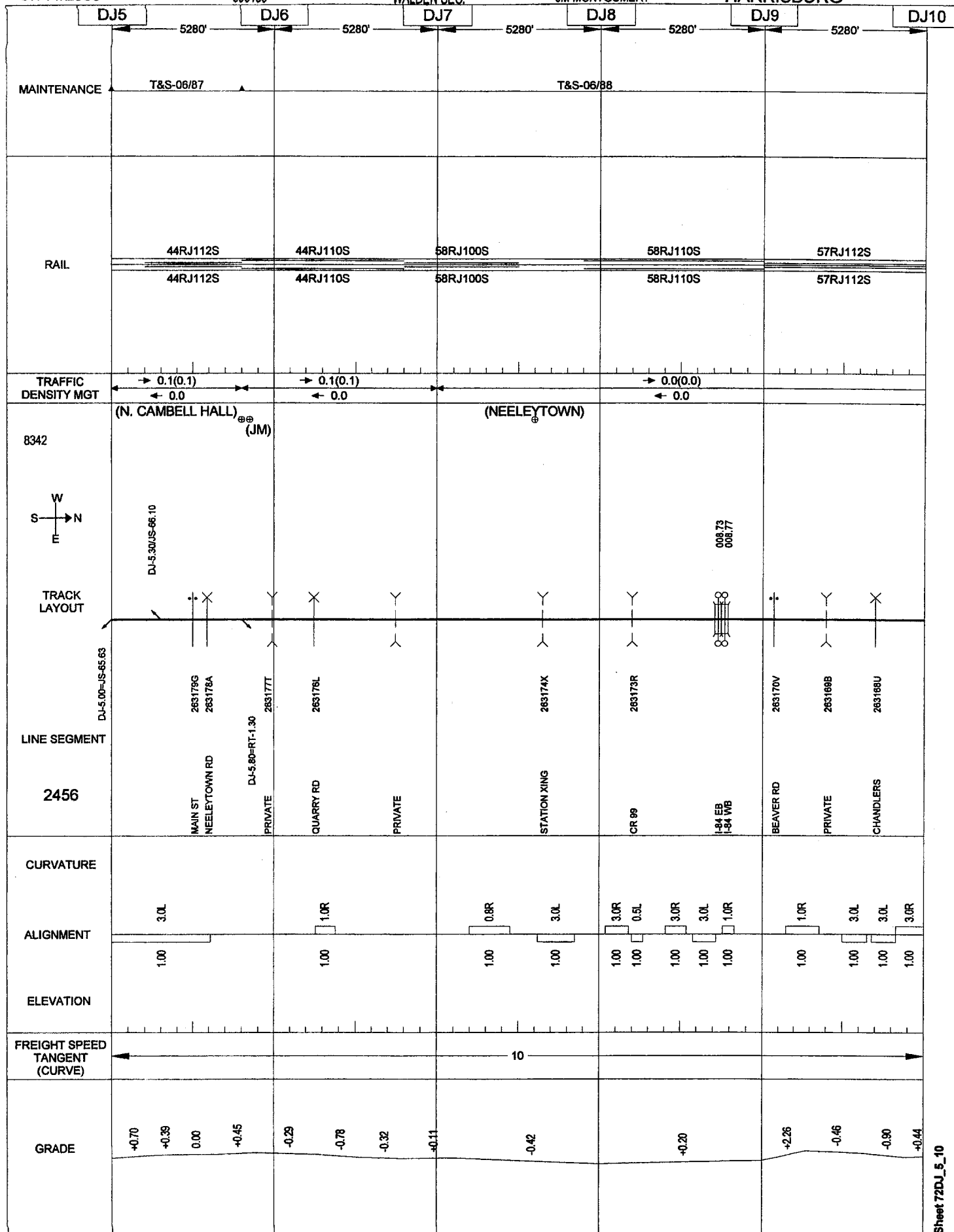
306183

387

WALDEN SEC.

JM-MONTGOMERY

HARRISBURG



07/11/2006

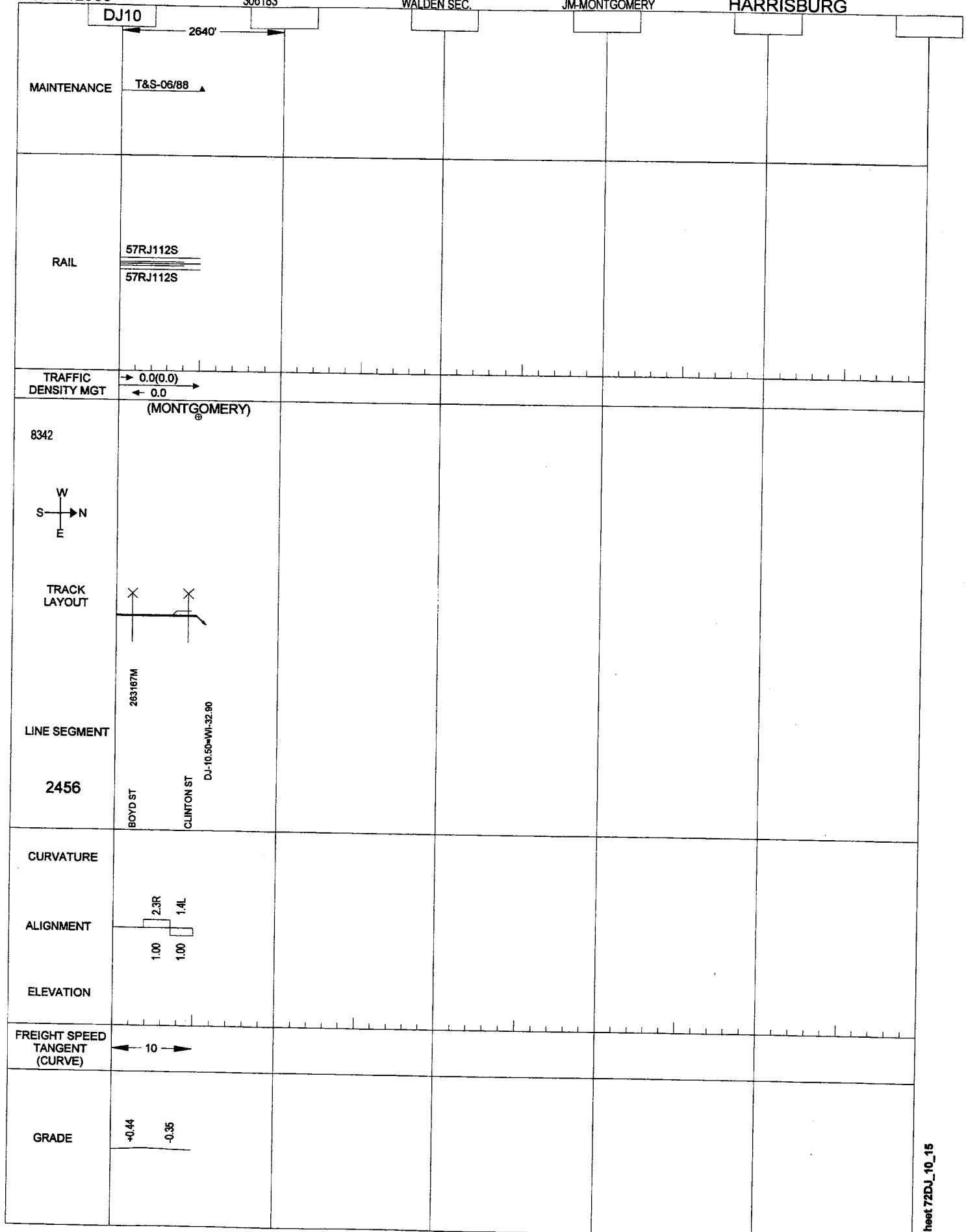
306183

388

WALDEN SEC.

JM-MONTGOMERY

HARRISBURG



07/11/2006

301435

389
WALDEN SEC.

WALDEN-MONTGOMERY

HARRISBURG

WI30

5280'

T&S-06/77

MAINTENANCE

RAIL

24NJ105S	53NJ127S
24NJ105S	53NJ127S

TRAFFIC
DENSITY MGT

1170

TRACK
LAYOUT

LINE SEGMENT

2864

INTST. PKG.

029.89

528511R

528512X

GRANT ST

COLDENHAM RD

RTE 208

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+1.07

-0.23

07/11/2006

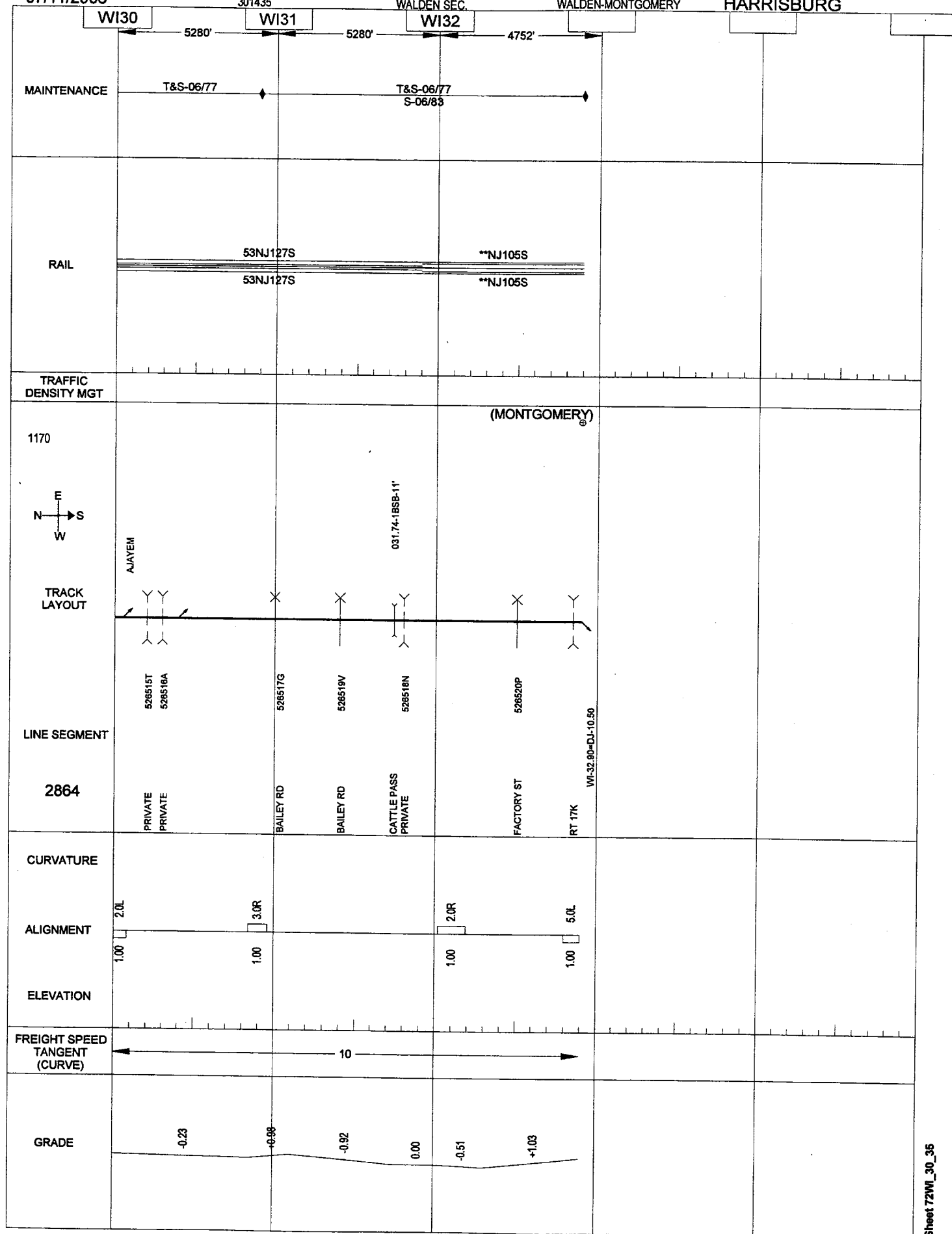
301435

390

WALDEN SEC.

WALDEN-MONTGOMERY

HARRISBURG



HARRISBURG

RT5

5280' —

T&S-06/87

28NJ107S

CP HALL

HUDSON SEC.

2615

GRADE

3.01L

1.00

10 -

0.34

Sheet 72RT_0_5

07/11/2006

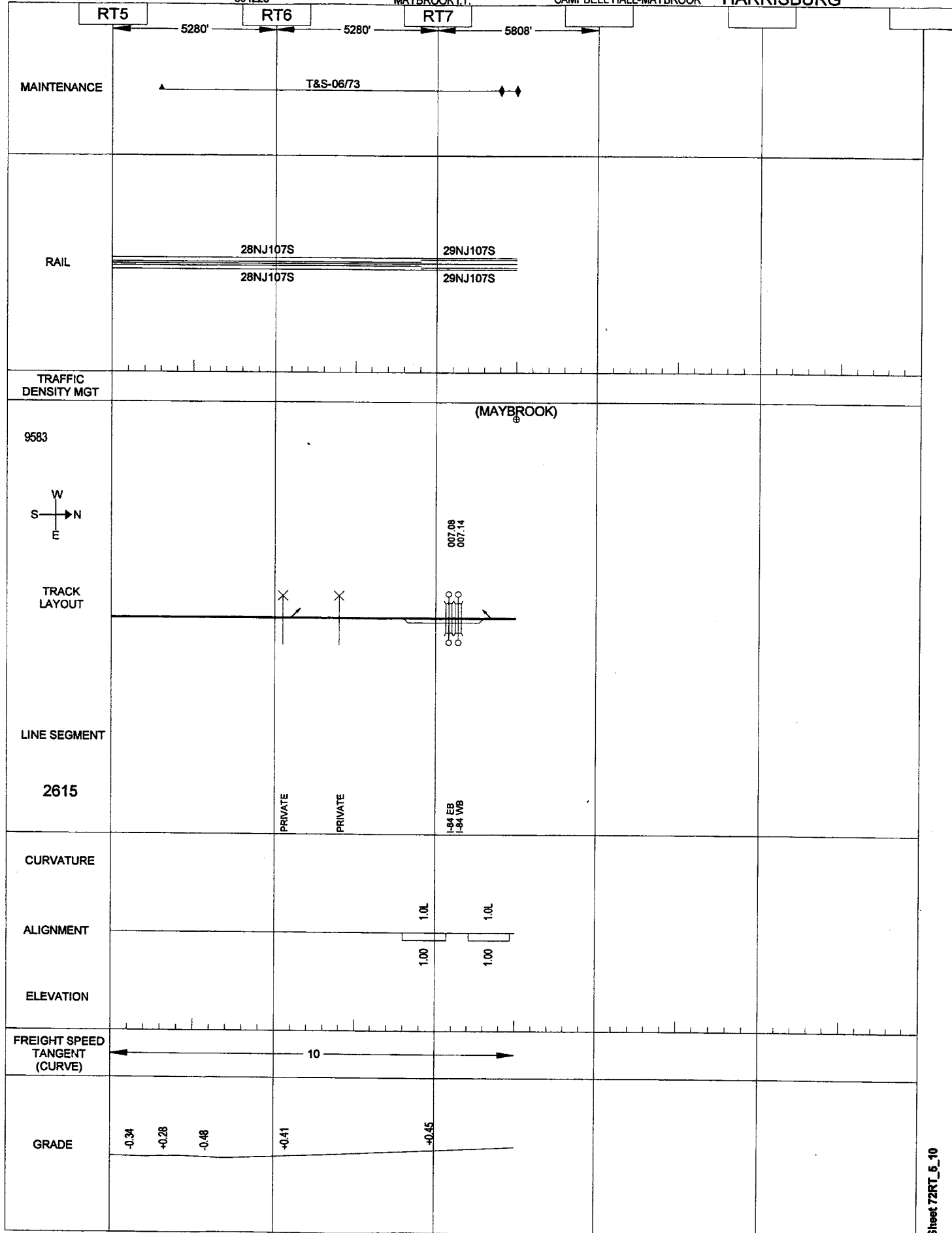
304223

392

MAYBROOK I.T.

CAMPBELL HALL-MAYBROOK

HARRISBURG



07/11/2006

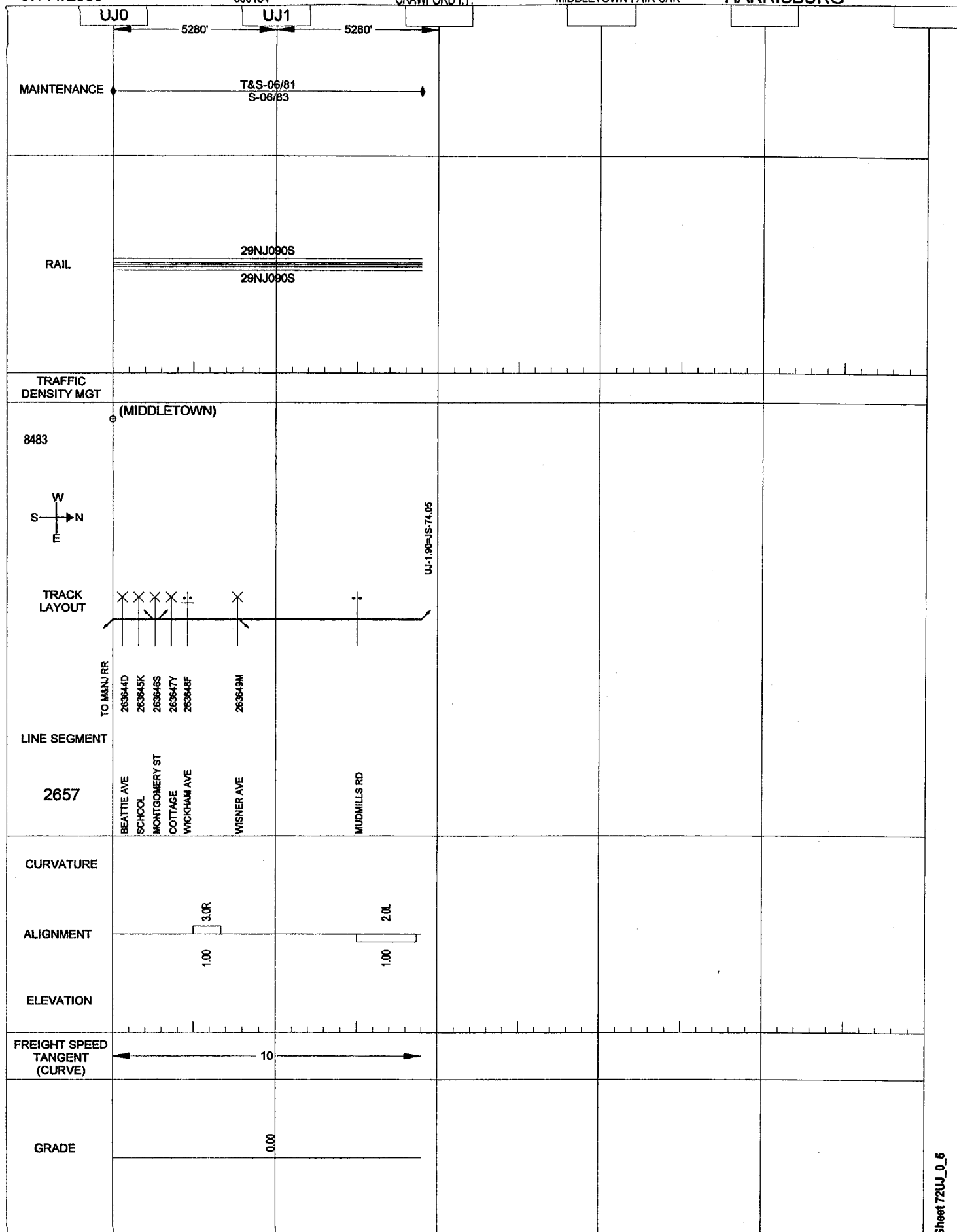
306184

393

CRAWFORD I.T.

MIDDLETOWN-FAIR OAK

HARRISBURG



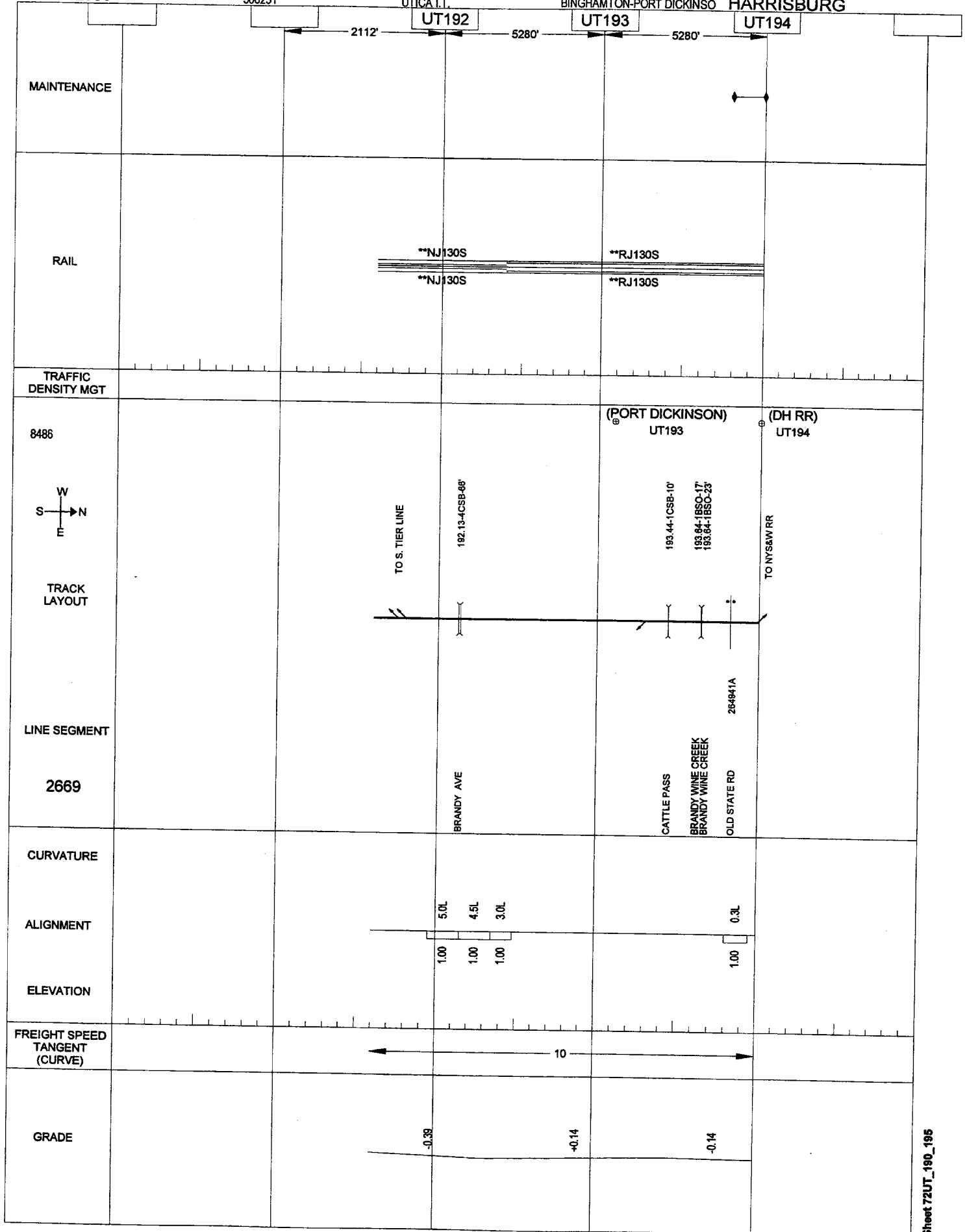
07/11/2006

306251

394

UTICA I.T.

BINGHAMTON-PORT DICKINSON HARRISBURG



07/11/2006

306351

395
VESTAL I.T.

BINGHAMTON-WILLOW PT

HARRISBURG

VT193

VT194

VT195

5280'

5280'

5280'

MAINTENANCE

T&S-12/01

RAIL

TRAFFIC
DENSITY MGT→ 0.6(0.8)
← 0.2→ 0.1(0.2)
← 0.1

CP JOHNSON

(JOHNSON CITY)
VT194TRACK
LAYOUT

VT-192.80-JY-192.80

193.33-4CSB-64'

193.82-3CSB-46'

193.91

194.30

194.91
194.93-3CSB-37'

LINE SEGMENT

2855

GLENWOOD AVE

EMMA ST

WELLS AVE

MAIN ST

WILLOW ST

WALKWAY

BALDWIN ST

SR 201 (RED)
RIVERSIDE DRIVE
NYSEG

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

1.00 □ 0.9R

1.7L

1.00

10

-0.43

-0.35

+0.07

07/11/2006

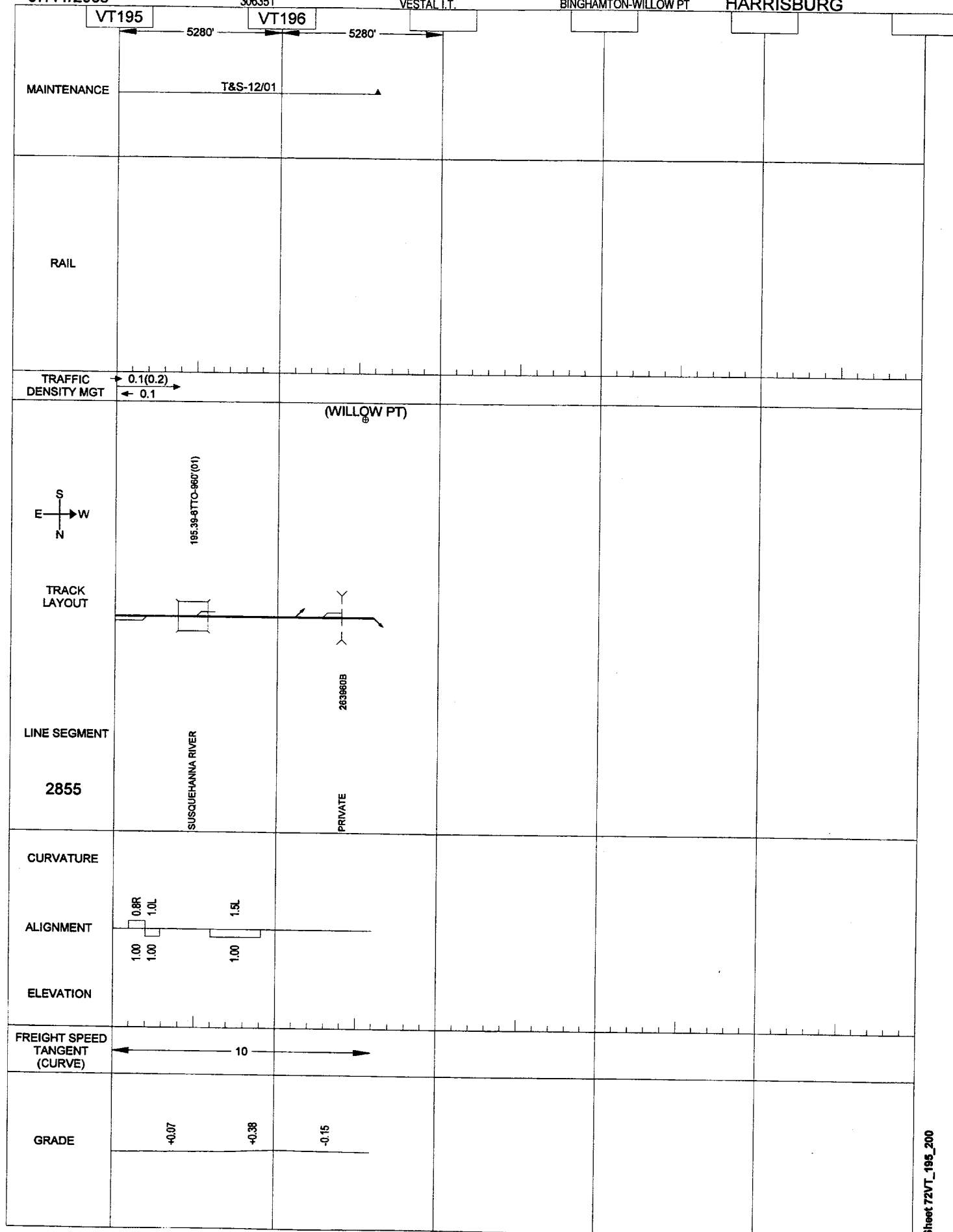
306351

396

VESTAL I.T.

BINGHAMTON-WILLOW PT

HARRISBURG



07/11/2006

306304

397

KENNEDY VALVE SPUR

KENNEDY VALVE-LENNOX AVE

HARRISBURG

KV250

5280'

MAINTENANCE

RAIL

31NJ131S

31NJ131S

TRAFFIC
DENSITY MGT



TRACK
LAYOUT

ELMIRA YARD

KV-248.55-SR-272.63

265934T

WOODLAWN AVE

265935A

WESTSIDE AVE

LINE SEGMENT

2540

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

2.0R
2.0L
1.00
1.00

10

GRADE

0.00

07/11/2006

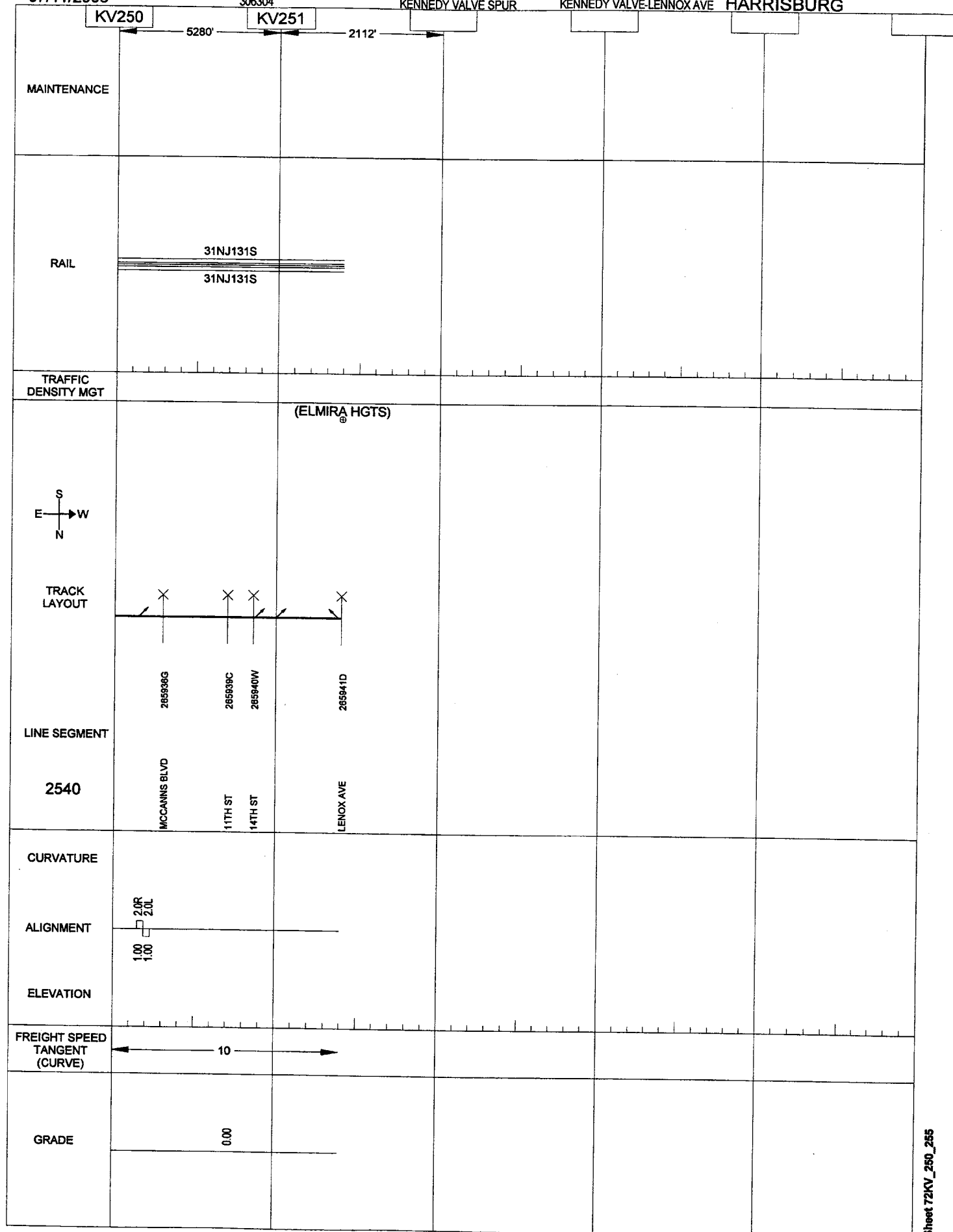
306304

398

KENNEDY VALVE SPUR

KENNEDY VALVE-LENOX AVE

HARRISBURG



07/11/2006

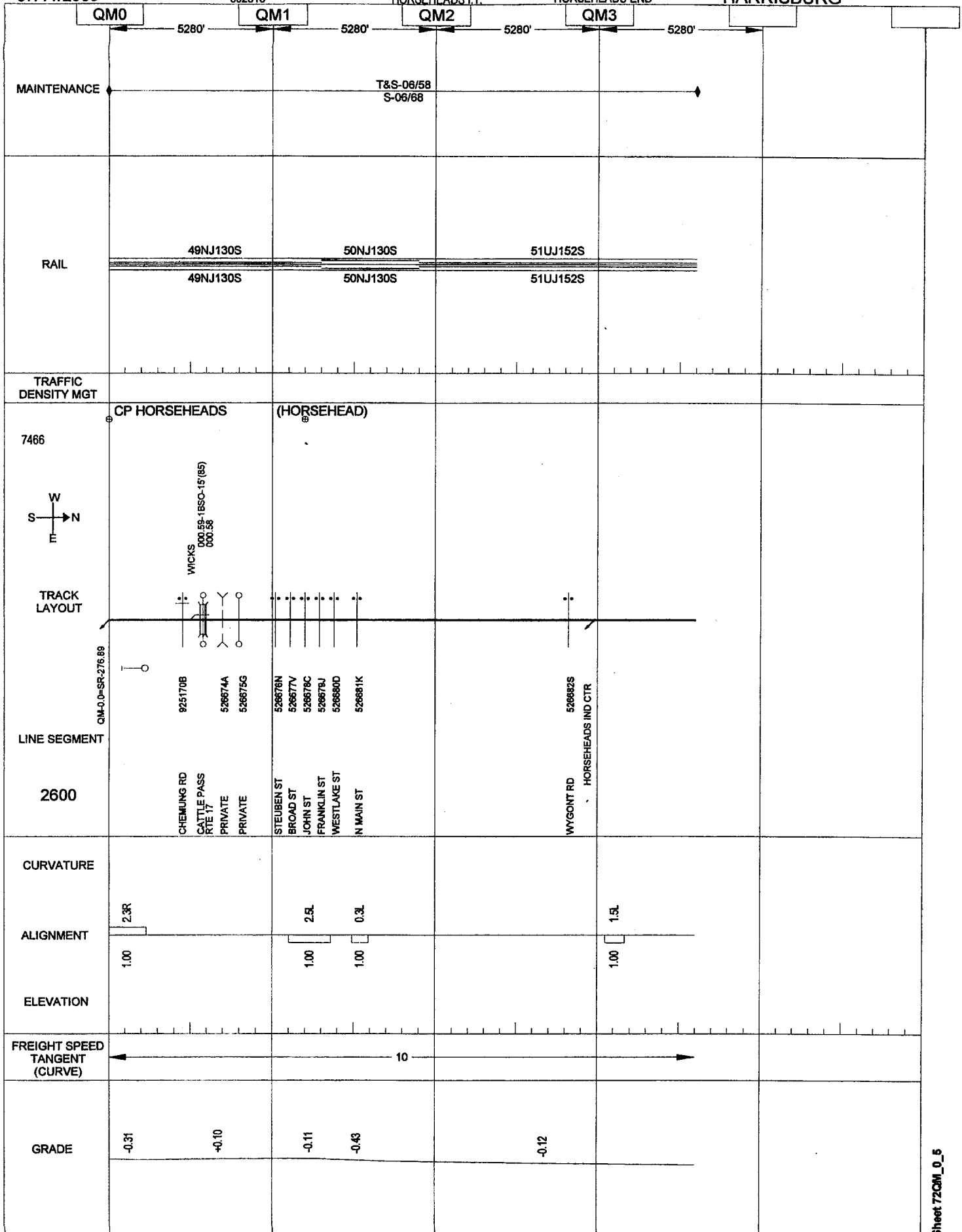
302318

399

HORSEHEADS I.T.

HORSEHEADS-END

HARRISBURG



07/11/2006

302322

400

CORNING I.T.

CORNING-GANG MILLS

HARRISBURG

TZ72

TZ73

TZ74

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-06/76

T&S-06/65

S-06/74

T&S-06/85

RAIL

54NJ127S

47NJ127S

50NJ127S

54NJ127S

47NJ127S

50NJ127S

TRAFFIC
DENSITY MGT

1250

E
N → S
W

TRACK
LAYOUT

(CORNING)

(GANG MILLS)
(BRIDGE)
TX74

CORNING GLASS

072.50

TO WCOR RR

505505E

BRIDGE ST

PATTERSON (OLD 17)

TZ 74.40/5R-293.20

LINE SEGMENT

2645

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

0.00

-0.03

-0.20

0.00

2.6R

2.8L

1.5R

1.6L

0.8L

3.1L

3.1L

1.0L

0.4L

2.3L

1.1L

2.5L

1.3R

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

07/11/2006

306443

401

GROVELAND I.T.

NORTH ALEXANDER-ATTICA

HARRISBURG

UG362

UG363

UG364

UG365

5280'

5278'

5284'

5297'

MAINTENANCE

T&S-06/68
S-06/71

RAIL

43RJ100S

**NJ100S

47RJ100S

43RJ100S

**NJ100S

47RJ100S

TRAFFIC
DENSITY MGT→ 0.0(0.0)
← 0.0

8332

(ALEXANDER)
UG362(ATTICA)
CP ATTICAS
E → W
NTRACK
LAYOUT

LINE SEGMENT

2648

AGWAY

264816M

ALEXANDER RD

264815F

PRIVATE

264814Y

PRIVATE

264813S

(WEITE)

264812K

PETTIBONE RD

383.85-1CSB-11'

264811D

WATERWAY
MAPLEWOOD AVE
WATERWAY

383.79-2CSB-20'

264810W

MAPLEWOOD AVE

264809C

JEFFERSON ST

264808V

PEARL ST

264807N

MAIN ST
FAVOR ST

UG-365.00-SR-382.40

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

GRADE

0.3L
1.00
1.001.5R
2.0R
1.5L
1.00
1.00
1.000.3R
1.001.0R
1.3R
4.0R
1.00
1.00
1.004.8L
1.00

10

+0.04

-0.03

+0.24

+0.77

0.00

Sheet 72UG_360_365

07/11/2006

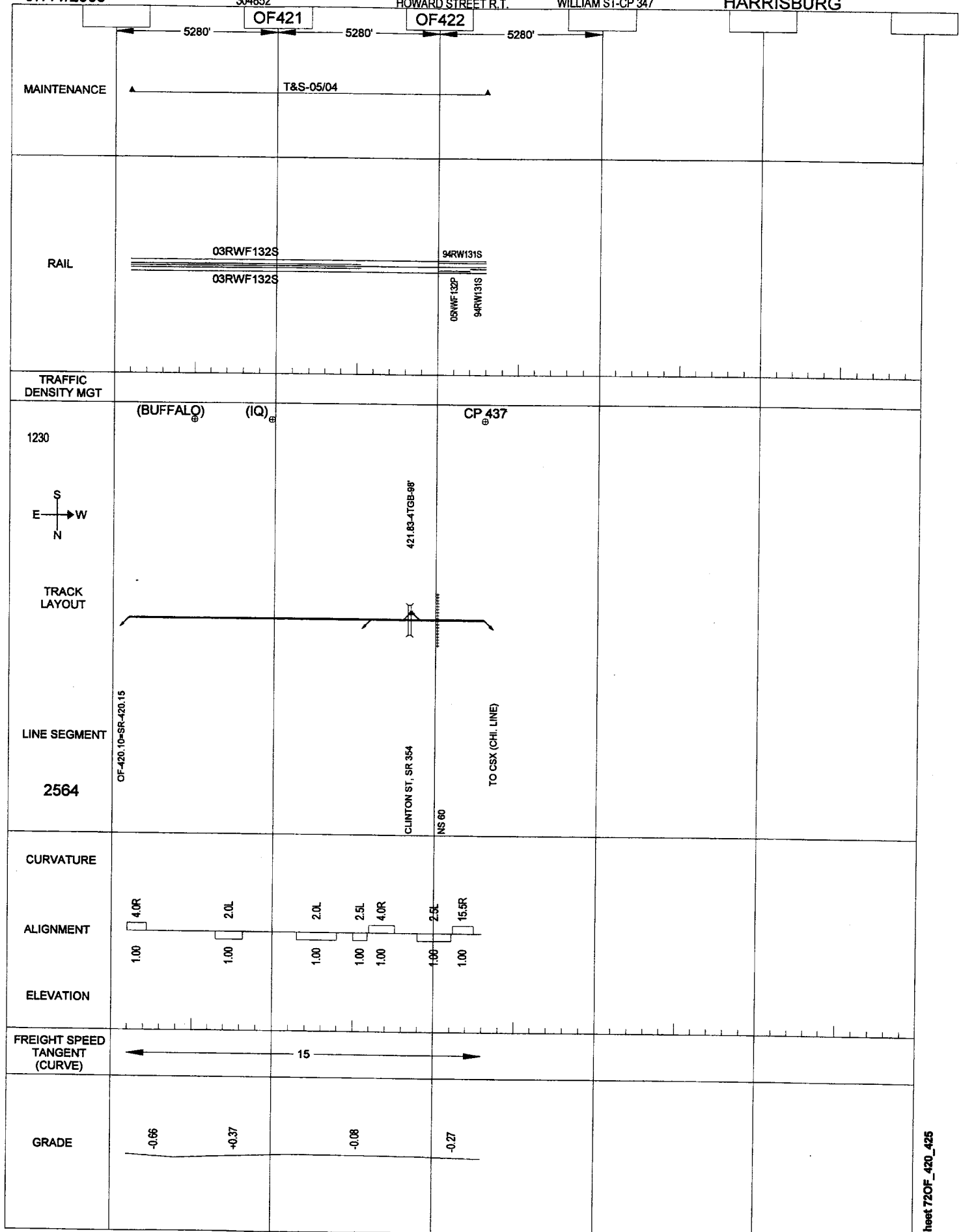
304852

402

HOWARD STREET R.T.

WILLIAM ST-CP 347

HARRISBURG



07/11/2006

306471

403

PRENATT ST. LEAD (BC RR)

BUFFALO

HARRISBURG

YU0

4752'

MAINTENANCE

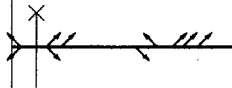
RAIL

TRAFFIC
DENSITY MGT

24BC

(BUFFALO)
YU0N
W — E
S

YU-0.04=BR-1.40

TRACK
LAYOUT

LINE SEGMENT

2888

LEE ST

CURVATURE

ALIGNMENT

16.8L	2.8L	3.8L	3.2L	0.7R	1.8L	0.1R	0.5L
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

+0.28

+0.03

07/11/2006

306465

404

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

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-0.71

-0.11

-0.30

07/11/2006

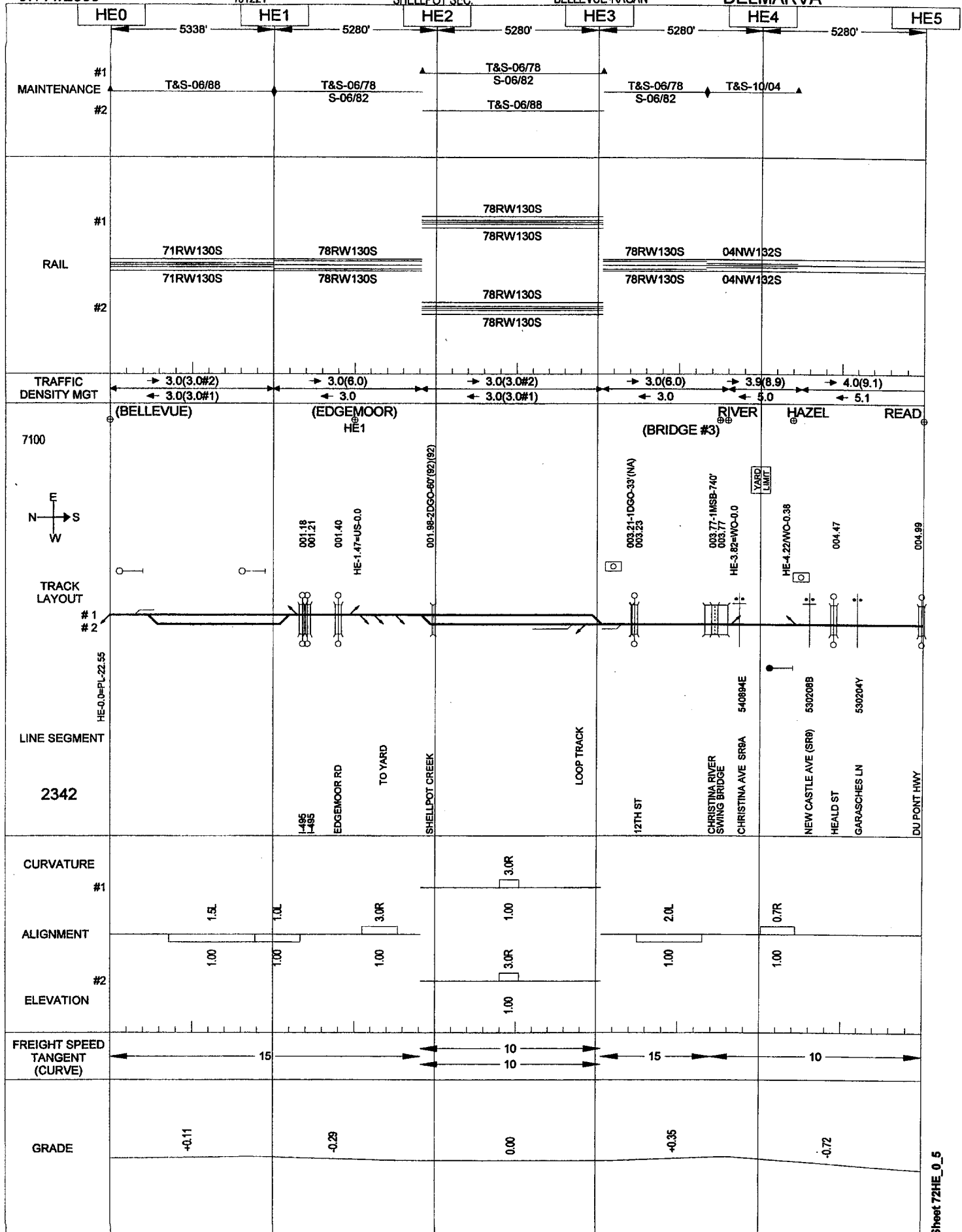
101221

405

SHELLPOT SEC.

BELLEVUE-RAGAN

DELMARVA



07/11/2006

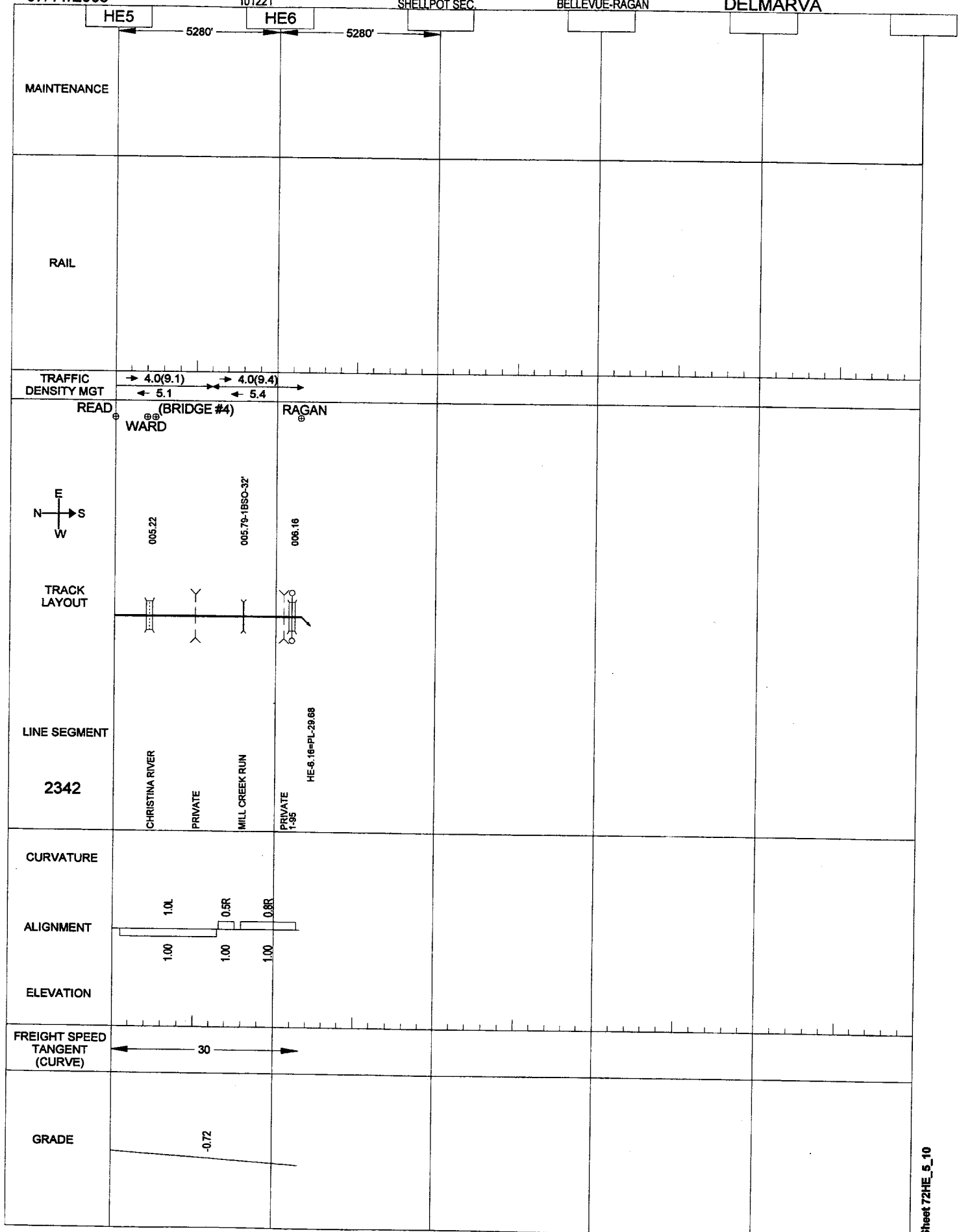
101221

406

SHELL POT SEC.

BELLEVUE-RAGAN

DELMARVA



101252

407
EDGEMOOR I.T.

SHELLPOT BR-EDGEMOOR

DELMARVA

US0

US1

- 5280' -

MAINTENANCE

T&S-06/81

RAIL

****NJ085S 01RW136S**

****NJ085S 01RW136S**

**TRAFFIC
DENSITY MGT**

7100

(EDGEMOOR YD)
(EDGEMOOR)

TRACK LAYOUT

LINE SEGMENT

2663

CURVATURE

ALIGNMENT

ELEVATION

**FREIGHT SPEED
TANGENT
(CURVE)**

- 10

GRADE

+0.22

-0.12

07/11/2006

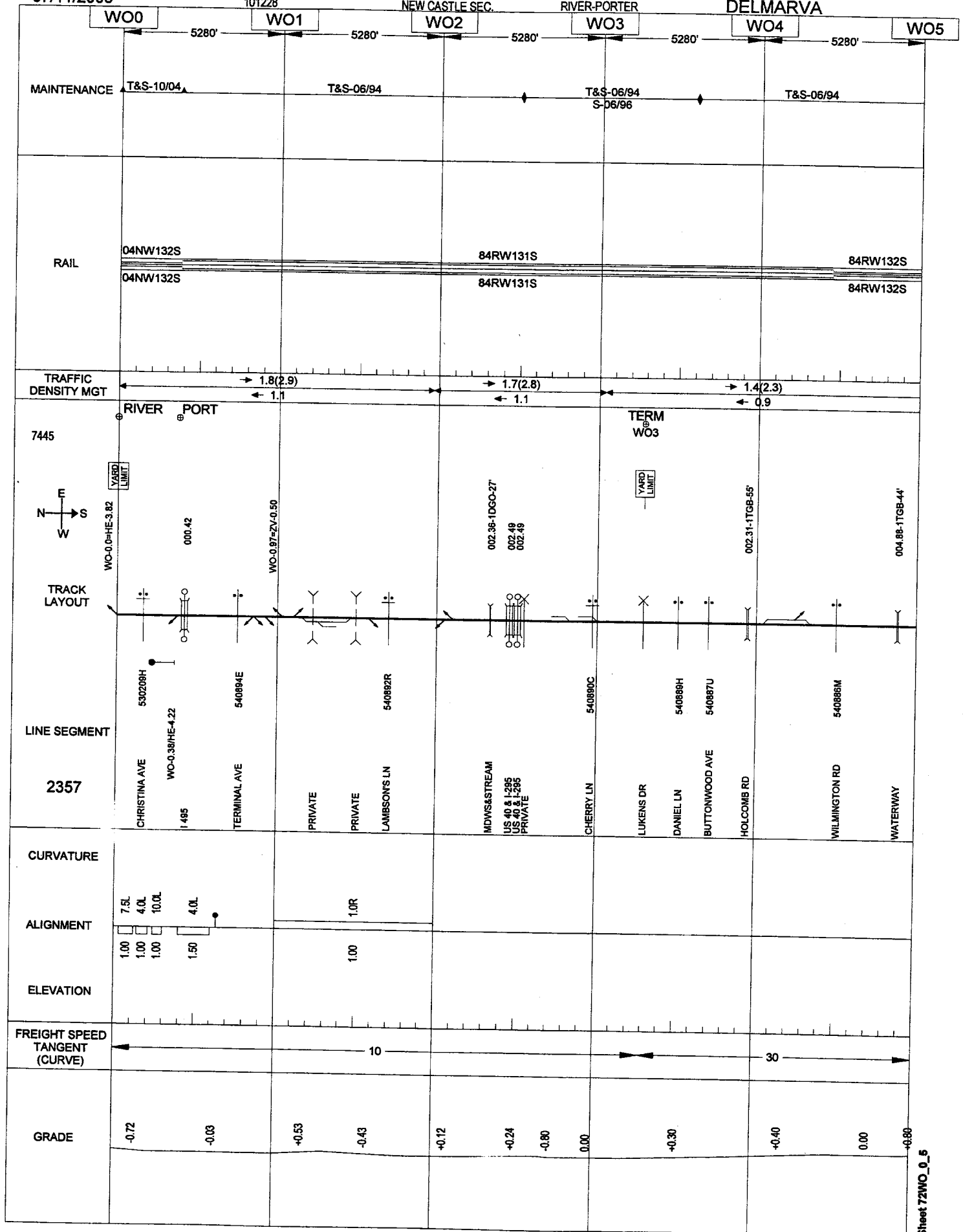
101228

408

NEW CASTLE SEC.

RIVER-PORTER

DELMARVA



07/11/2006

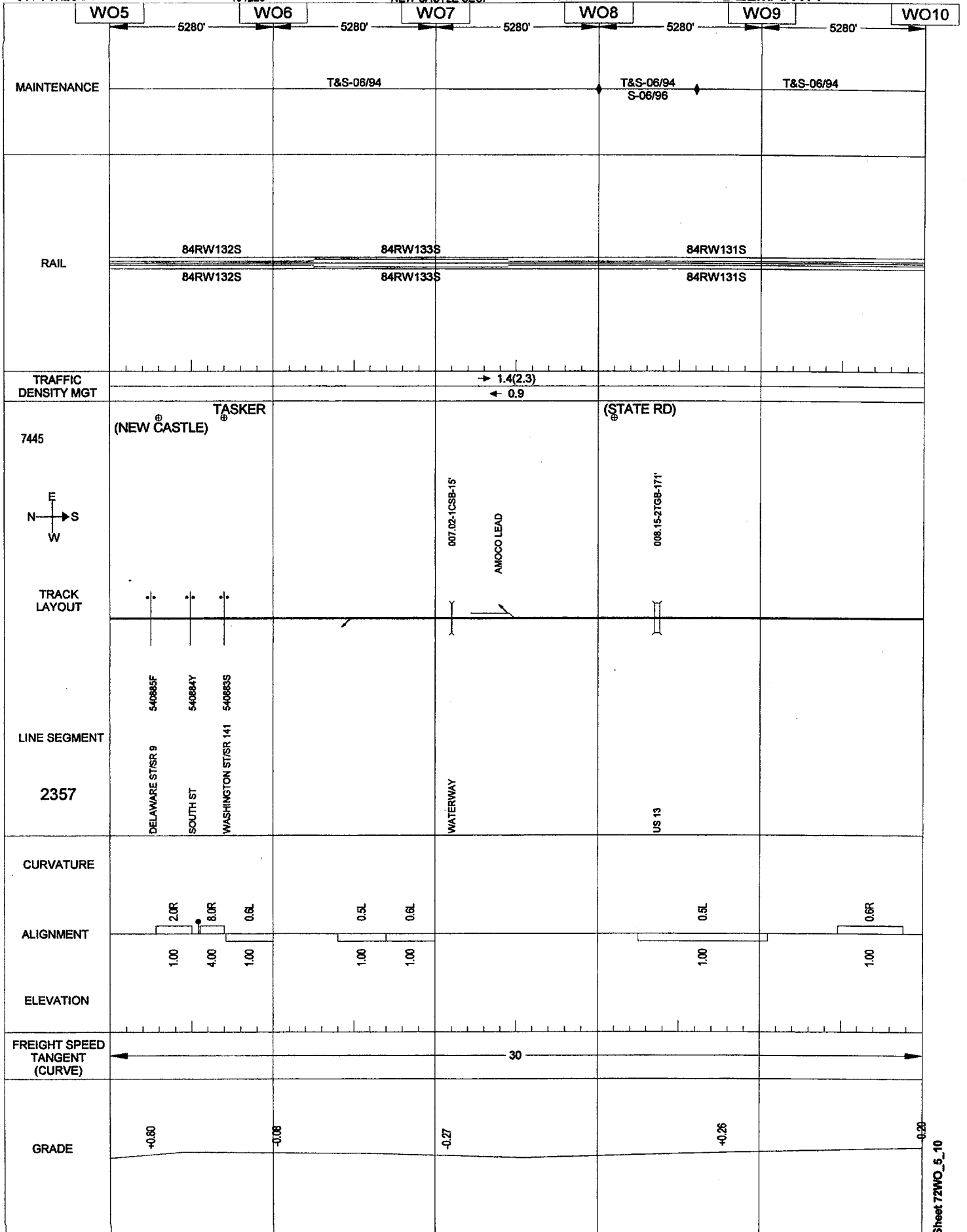
101228

409

NEW CASTLE SEC.

RIVER-PORTER

DELMARVA



07/11/2006

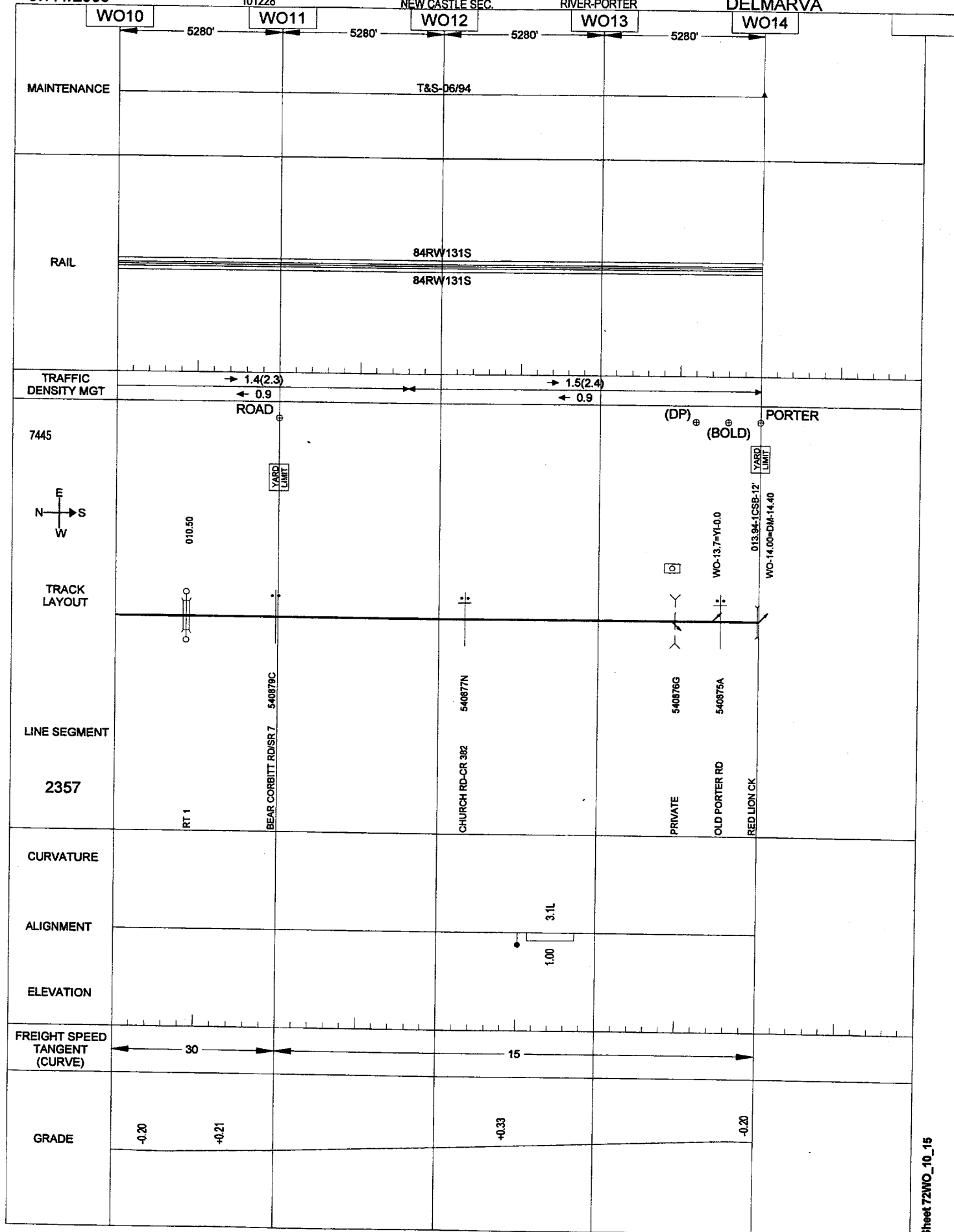
101228

410

NEW CASTLE SEC.

RIVER-PORTER

DELMARVA



07/11/2006

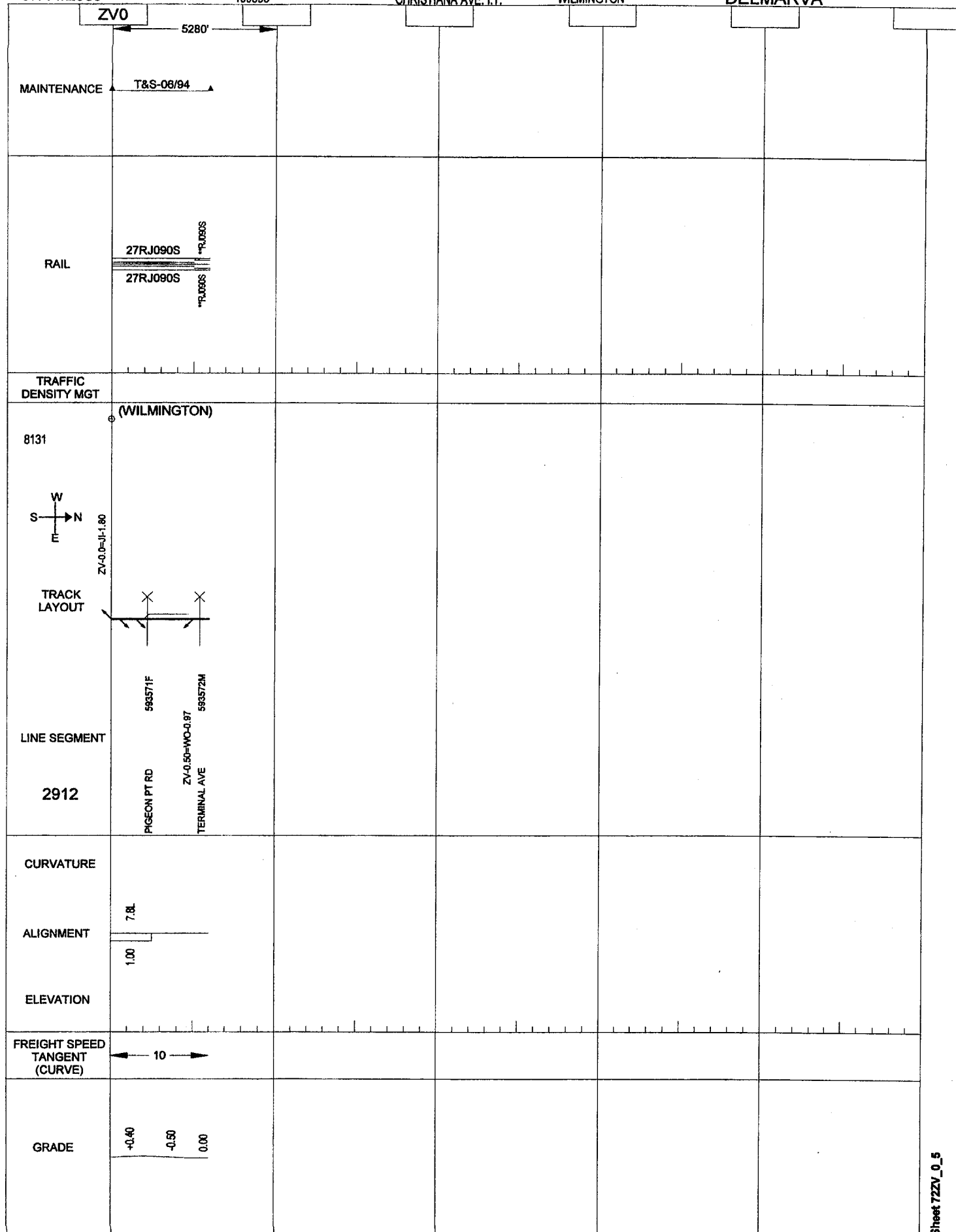
100393

411

CHRISTIANA AVE. I.T.

WILMINGTON

DELMARVA



07/11/2006

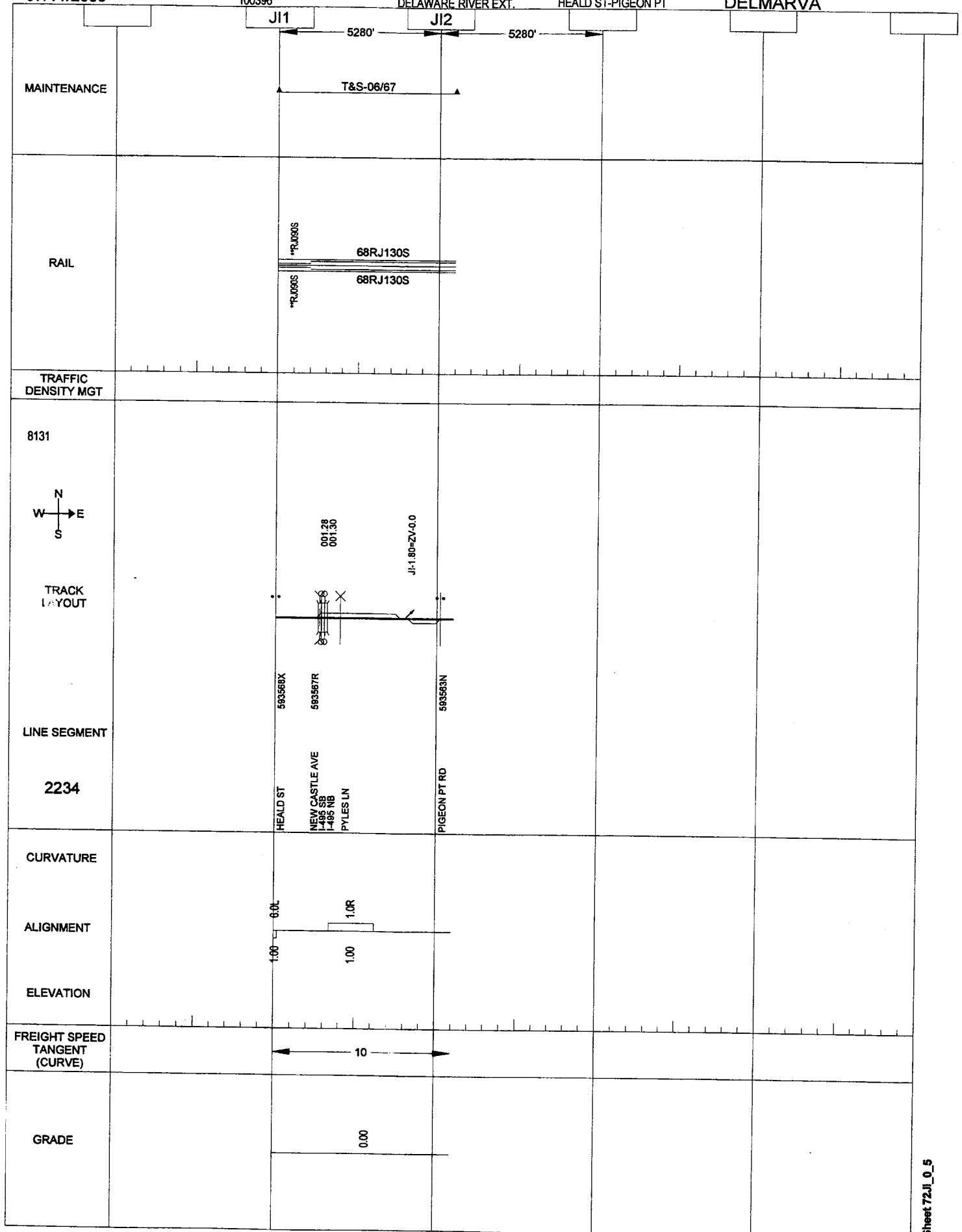
100396

412

DELAWARE RIVER EXT.

HEALD ST-PIGEON PT

DELMARVA



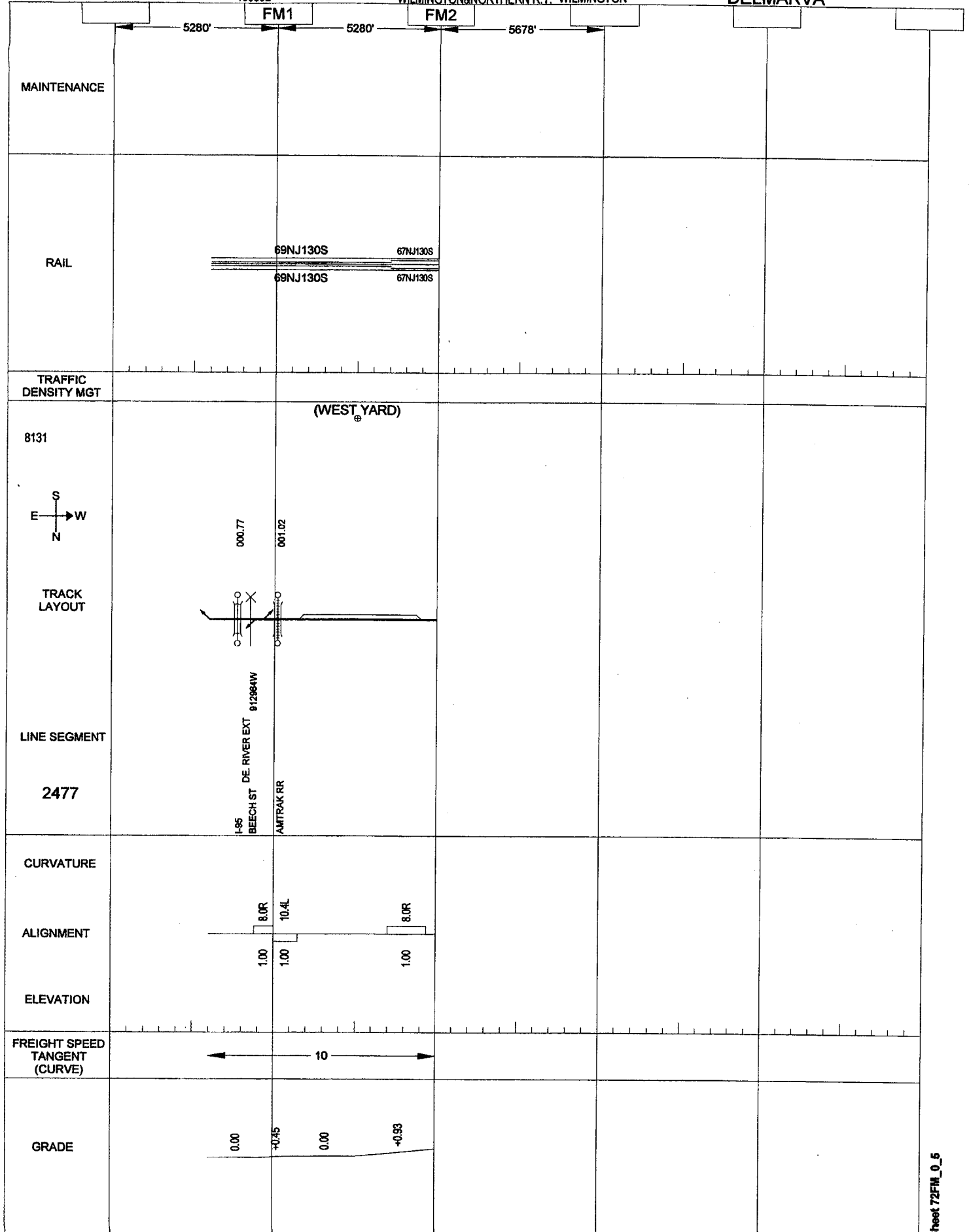
07/11/2006

100352

413

WILMINGTON & NORTHERN R.T. WILMINGTON

DELMARVA



07/18/2006

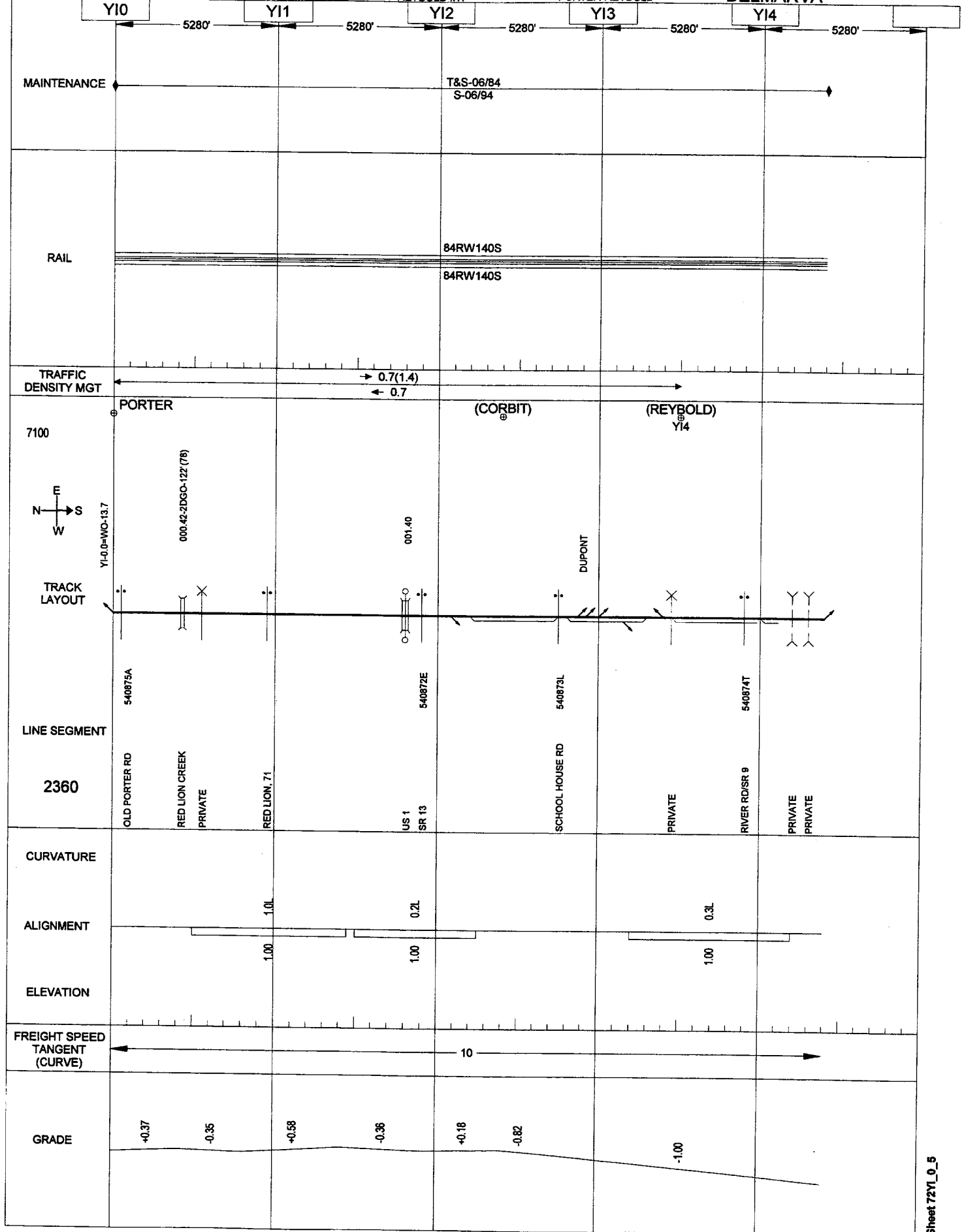
101230

414

REYBOLD I.T.

PORTER-REYBOLD

DELMARVA



07/11/2006

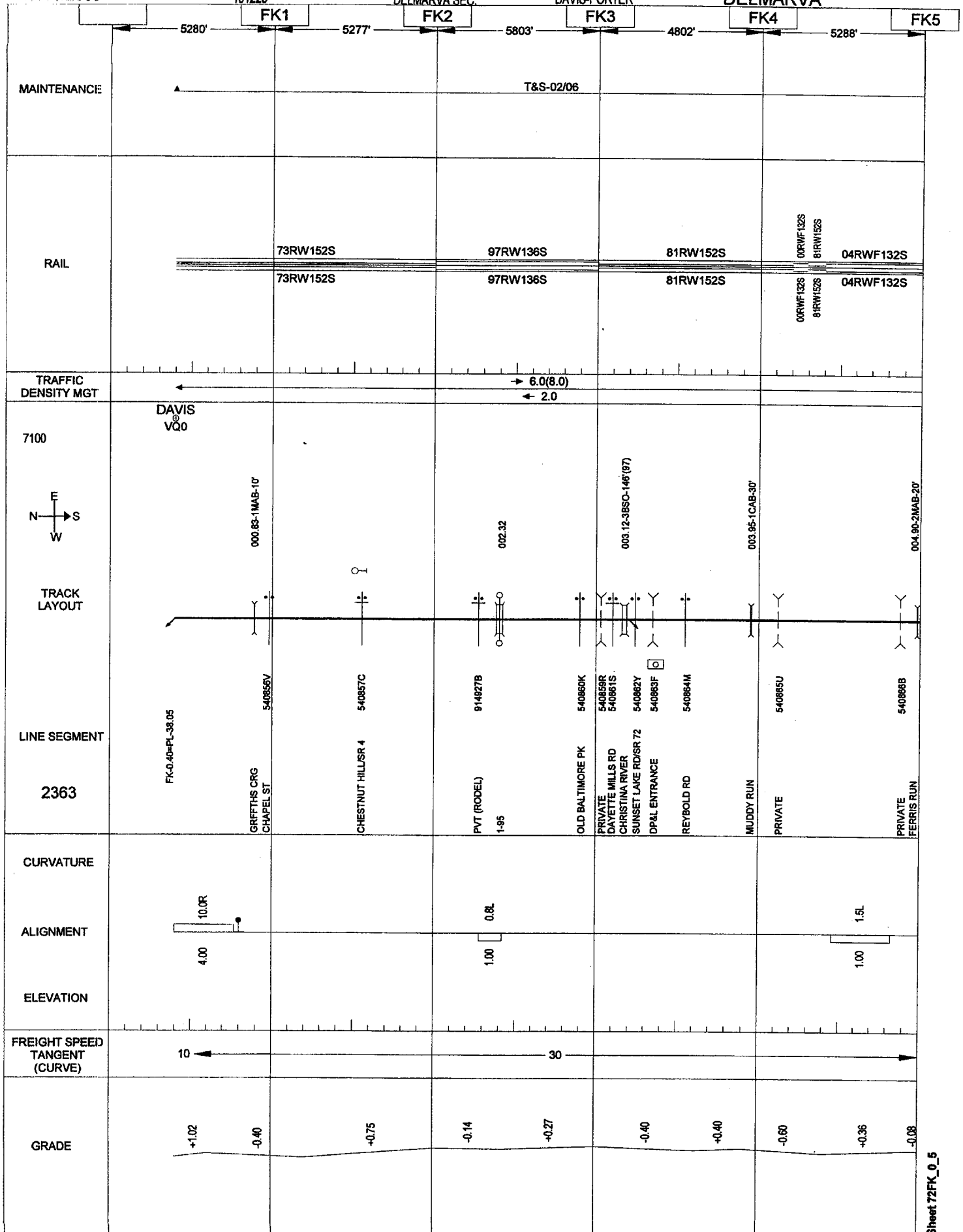
101223

415

DELMARVA SEC.

DAVIS-PORTER

DELMARVA



07/11/2006

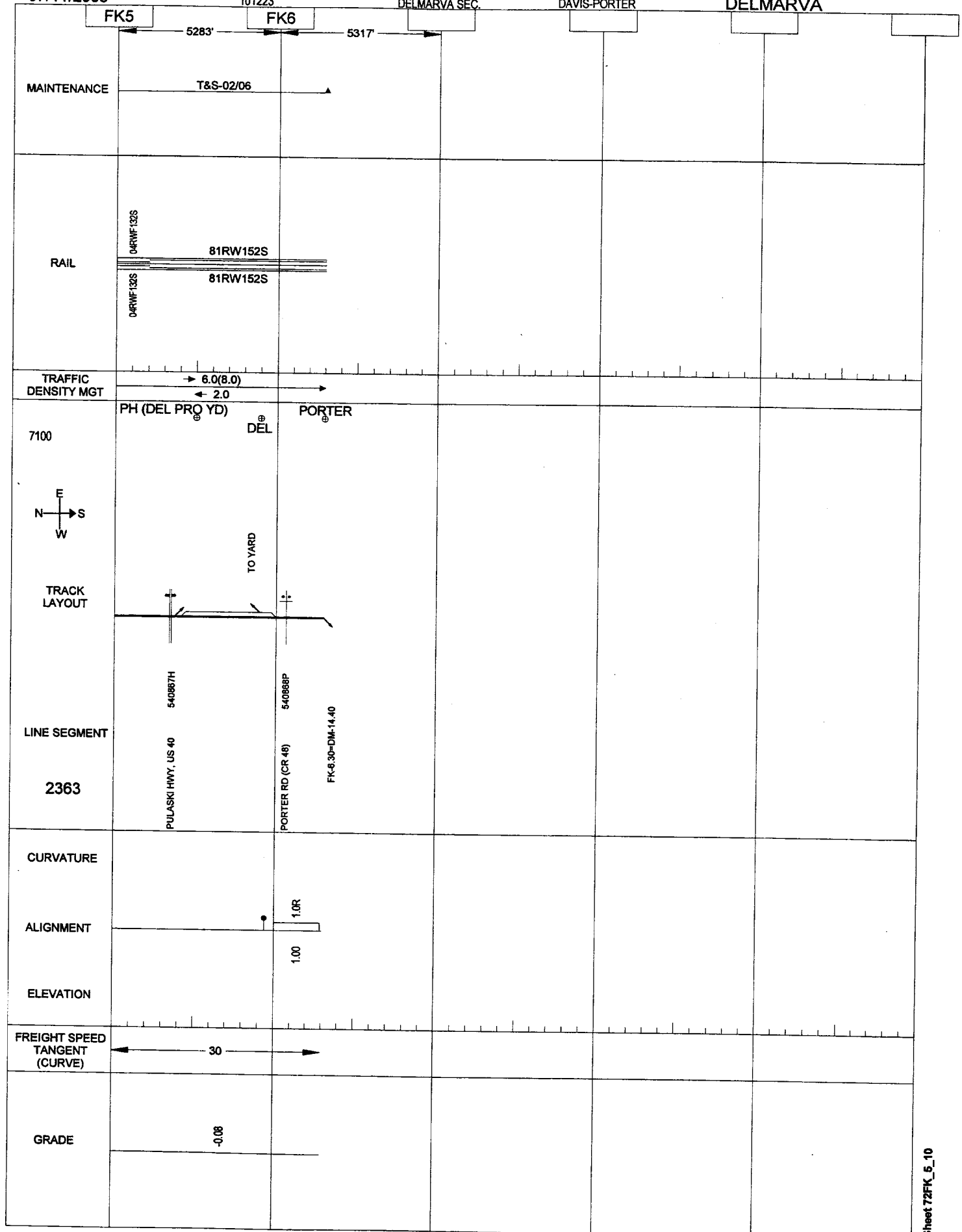
101223

416

DELMARVA SEC.

DAVIS-PORTER

DELMARVA



07/11/2006

101223

417
DELMARVA SEC.

PORTER-DELMAR

DELMARVA

DM15

5280'

T&S-06/93

MAINTENANCE

RAIL

84RW130S

84RW130S

TRAFFIC
DENSITY MGT→ 6.6(8.7)
← 2.1

7445

TRACK
LAYOUTPORTER
①

DM-14.40=WC-14.00

DM-14.40=FK-6.30

LINE SEGMENT

2366

CURVATURE

ALIGNMENT

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

← 40 →

GRADE

-0.05
+0.16

		DM15	DM16	DM17	DM18	DM19	DM20
		5280'	5275'	5560'	5000'	5279'	
MAINTENANCE		T&S-06/93					
RAIL		84RW130S	97RW127S	84RW130S	84RW131S		
TRAFFIC DENSITY MGT				→ 6.6(8.7) ← 2.1			
7445		KIRK (KIRKWOOD) DM16					
		TEST MILE	TEST MILE				
		015.85-1CSB-20'			018.33-5MSB-970'		
TRACK LAYOUT							
LINE SEGMENT		WRANGLE HILL/SR 72	LOVERS LN	RED LION RD-SR 71	C&D CANAL	LOREWOOD GROVE RD	
2366		531802G	531804V			531807R	
CURVATURE							
ALIGNMENT							
ELEVATION							
FREIGHT SPEED TANGENT (CURVE)		40					
GRADE		+0.16	-0.03	-0.21	-0.43	+0.17	+0.07

07/11/2006

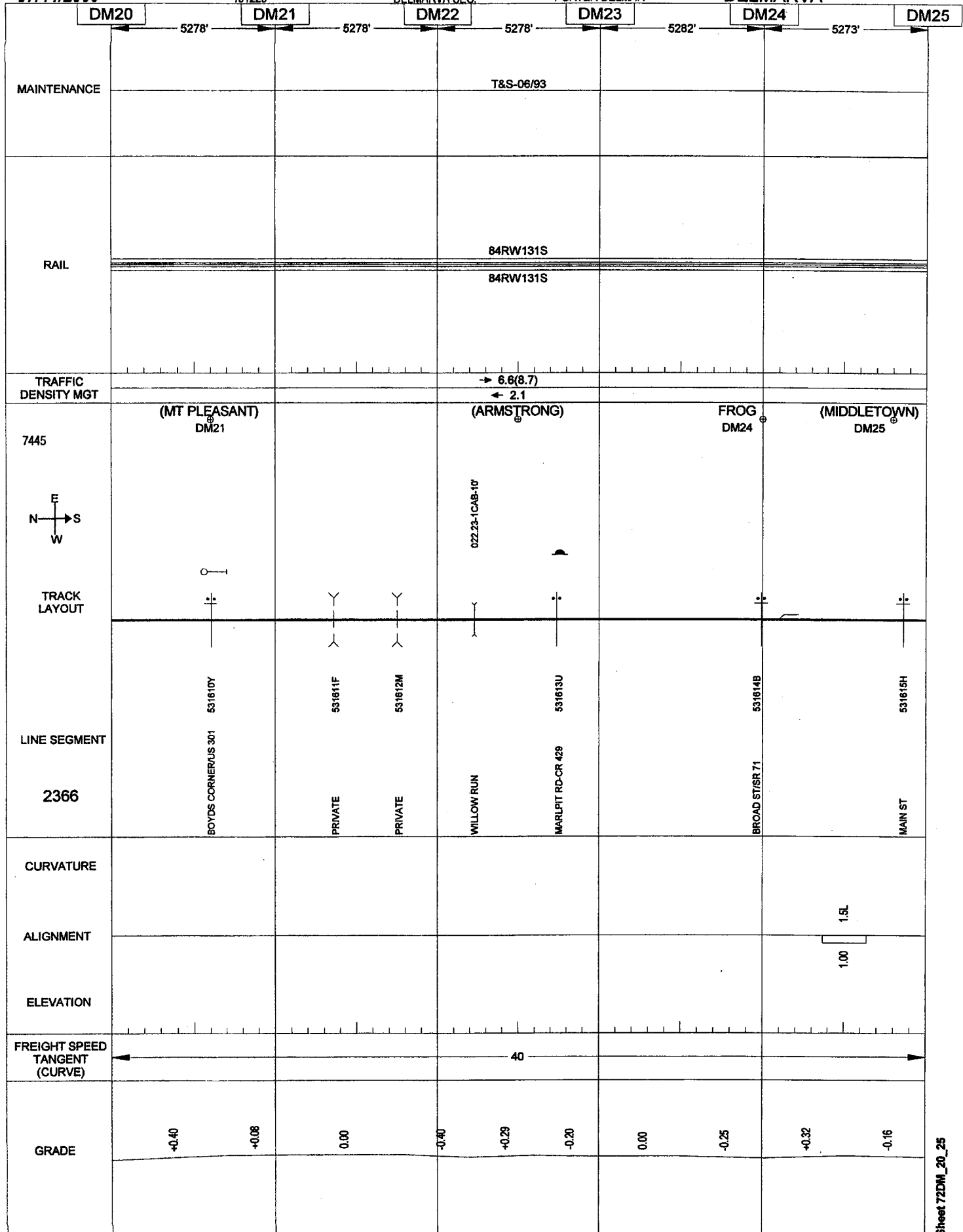
101223

419

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



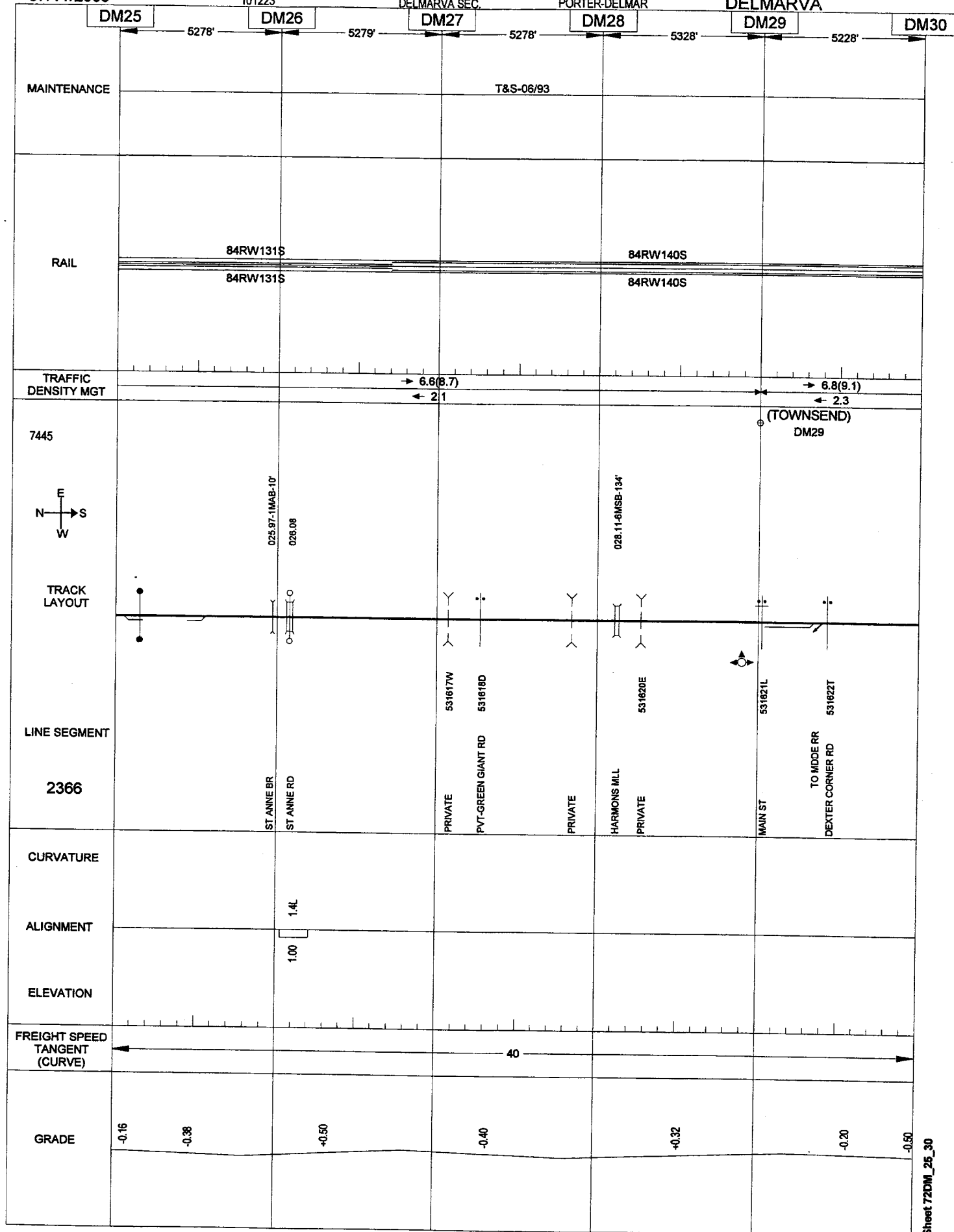
07/11/2006

420

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



DELMARVA

DM35

— 5282

T&S-06/93

84RW115S

→ 6.8(9.1)
← 2.3

CLAY
DM35

034.60-1CSB-12'

531937W

WATERWAY

ELEVATION

— 40

0.11

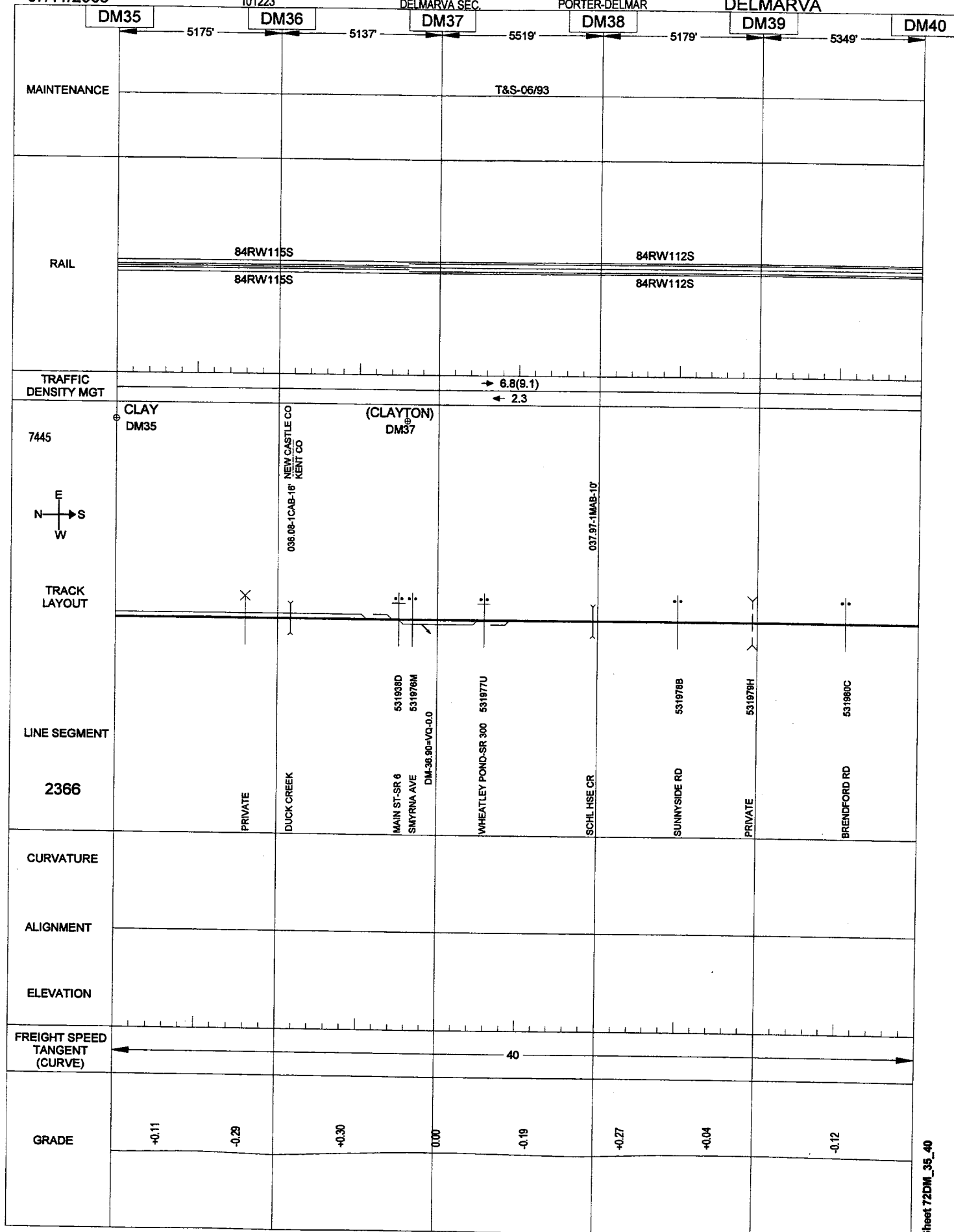
07/11/2006

422

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



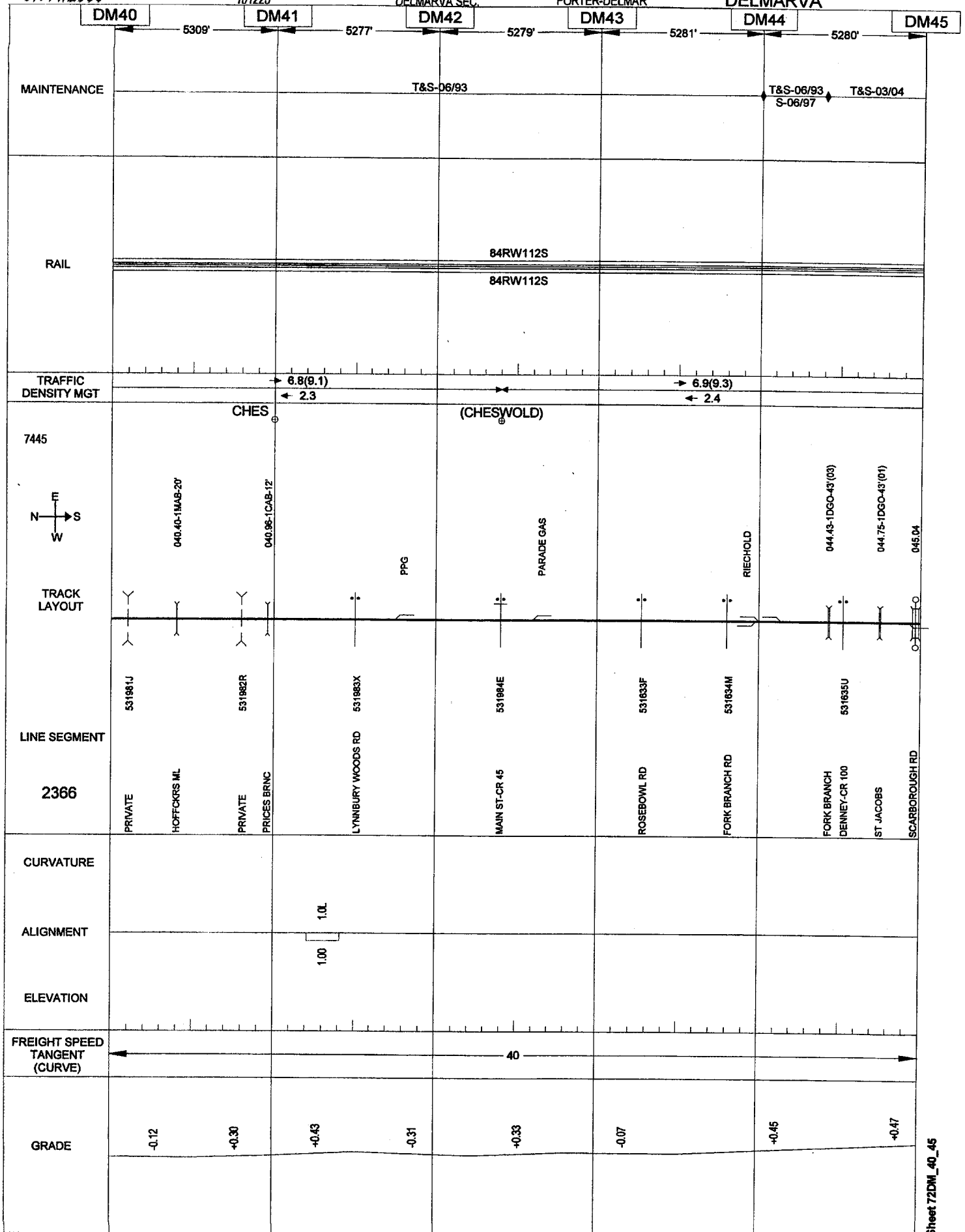
07/11/2006

101223

423
DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

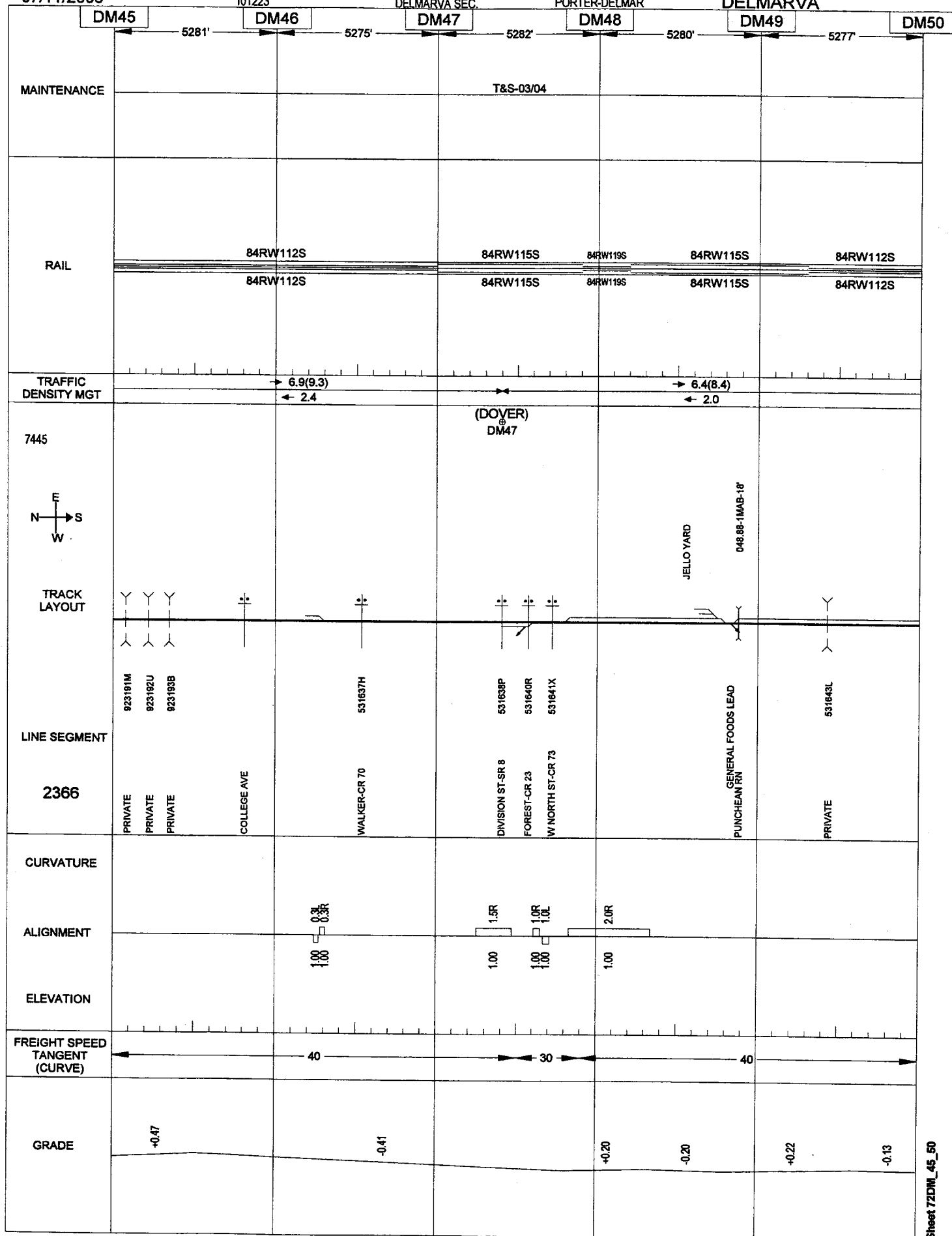
101223

424

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

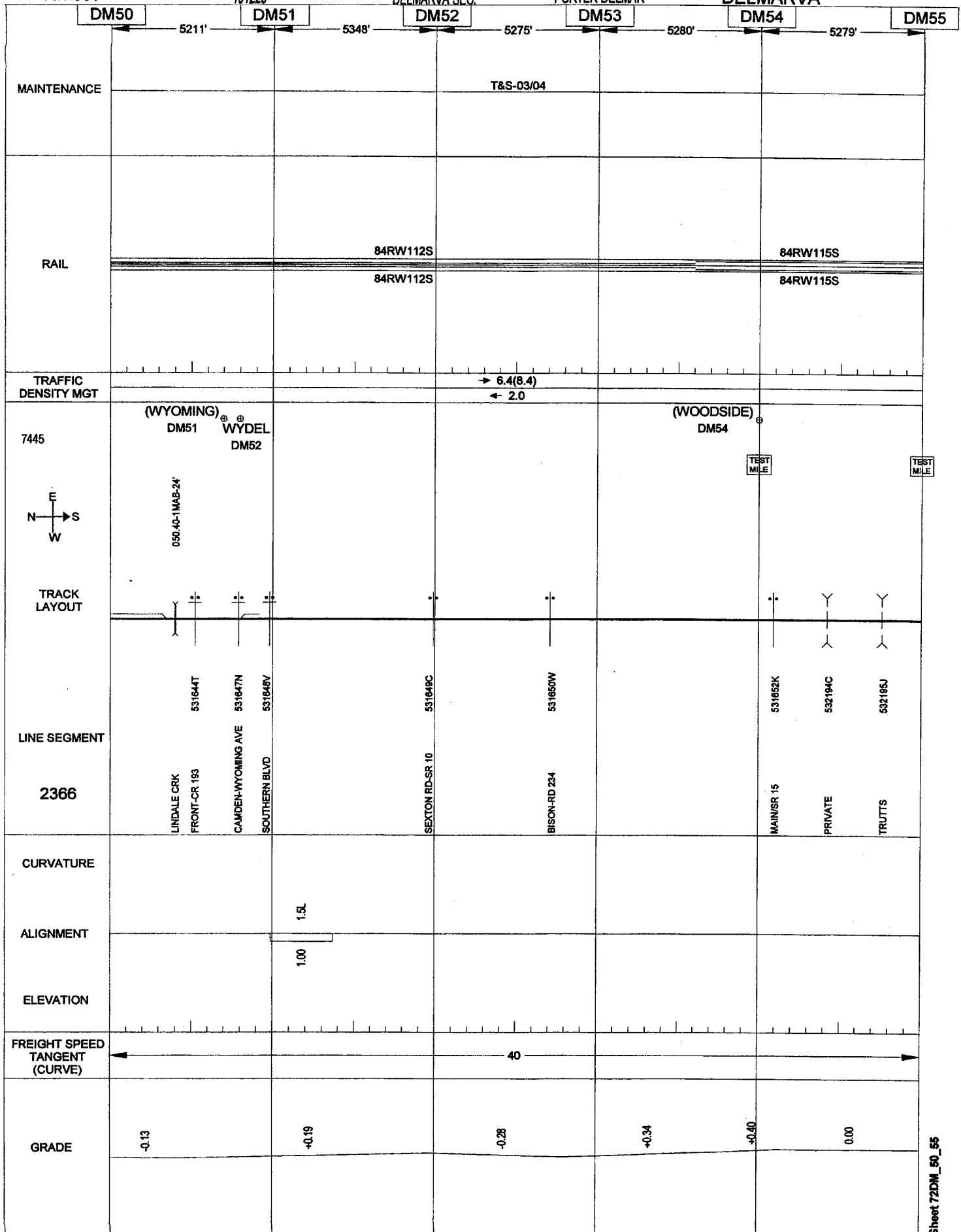
101223

425

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

101223

426

DELMARVA SEC.

PORTER-DELMAR

DELMARVA

	DM55	DM56	DM57	DM58	DM59	DM60					
	5278'	5281'	5279'	5281'	5269'						
MAINTENANCE	T&S-03/04										
RAIL	84RW115S			84RW112S							
	84RW115S			84RW112S							
TRAFFIC DENSITY MGT		→ 6.4(8.4) ← 2.0		→ 6.1(8.2) ← 2.1							
7445		(VIOLA)		(FELTON) DM58		059 82-1BSB-24'					
<div><div>E</div><div>N → S</div><div>W</div></div>											
TRACK LAYOUT	Y Y	•• Y	•• Y	Y Y	•• Y	Y Y					
LINE SEGMENT	532196R JARRELLS	532197X RD 236 (DILL'S)	532198E 532199L CR 237 HARRIS	532201K EVENS-CR 108	532202S 532203Y FIRE TOWER RD JARRELL	532204F DILLS	532205M EDWARD EVERETT	532206U PEACH BASKET RD	532207B 532208H 532209P SEWELL ST HIGH-CR 245 SR 12-MAIN ST	923194H PRIVATE	MRDRKILL RVR
2366											
CURVATURE											
ALIGNMENT											
ELEVATION											
FREIGHT SPEED TANGENT (CURVE)			40								
GRADE	0.00	-0.18	0.00		-0.20						

Sheet 72DM_55_60

07/11/2006

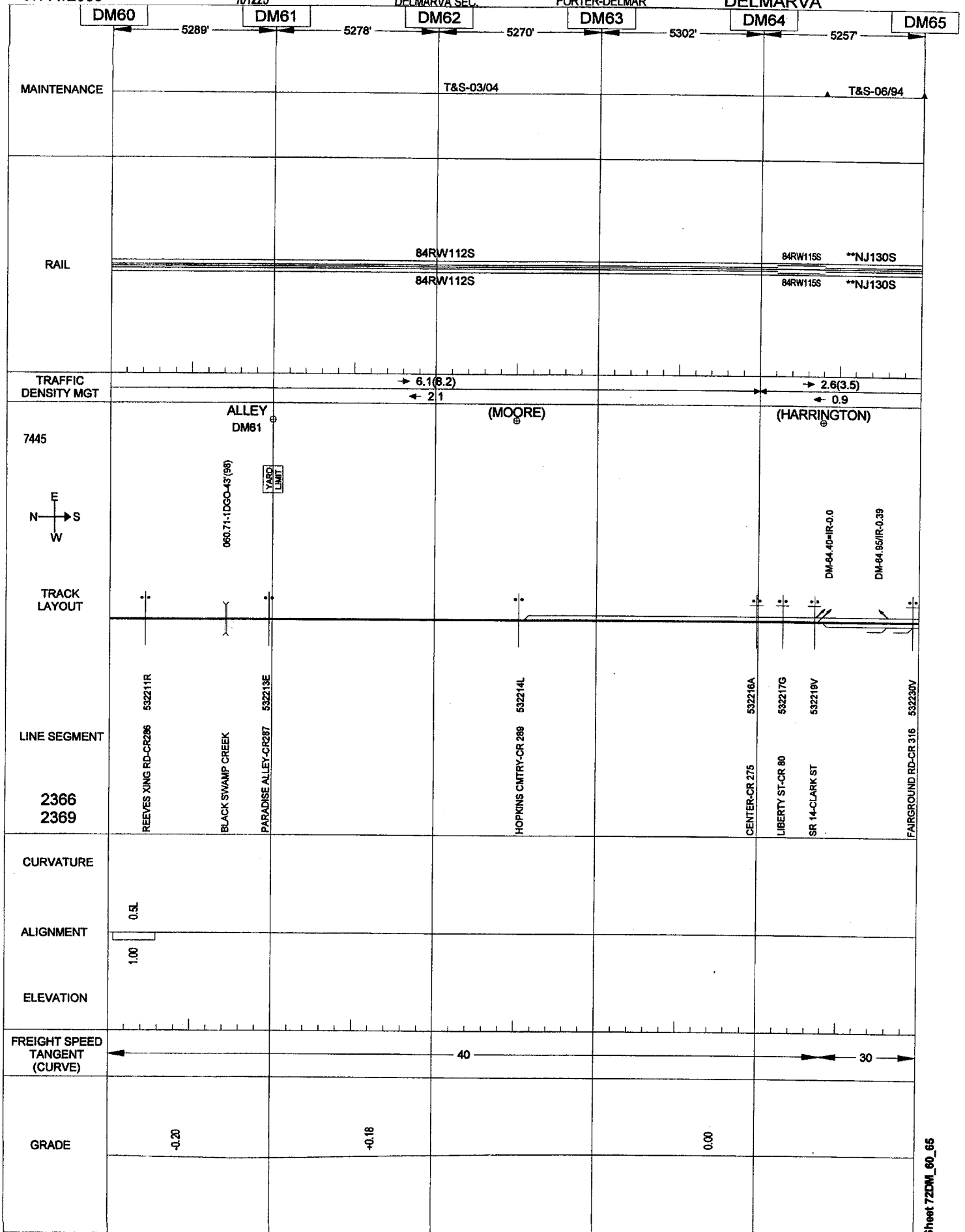
101223

427

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

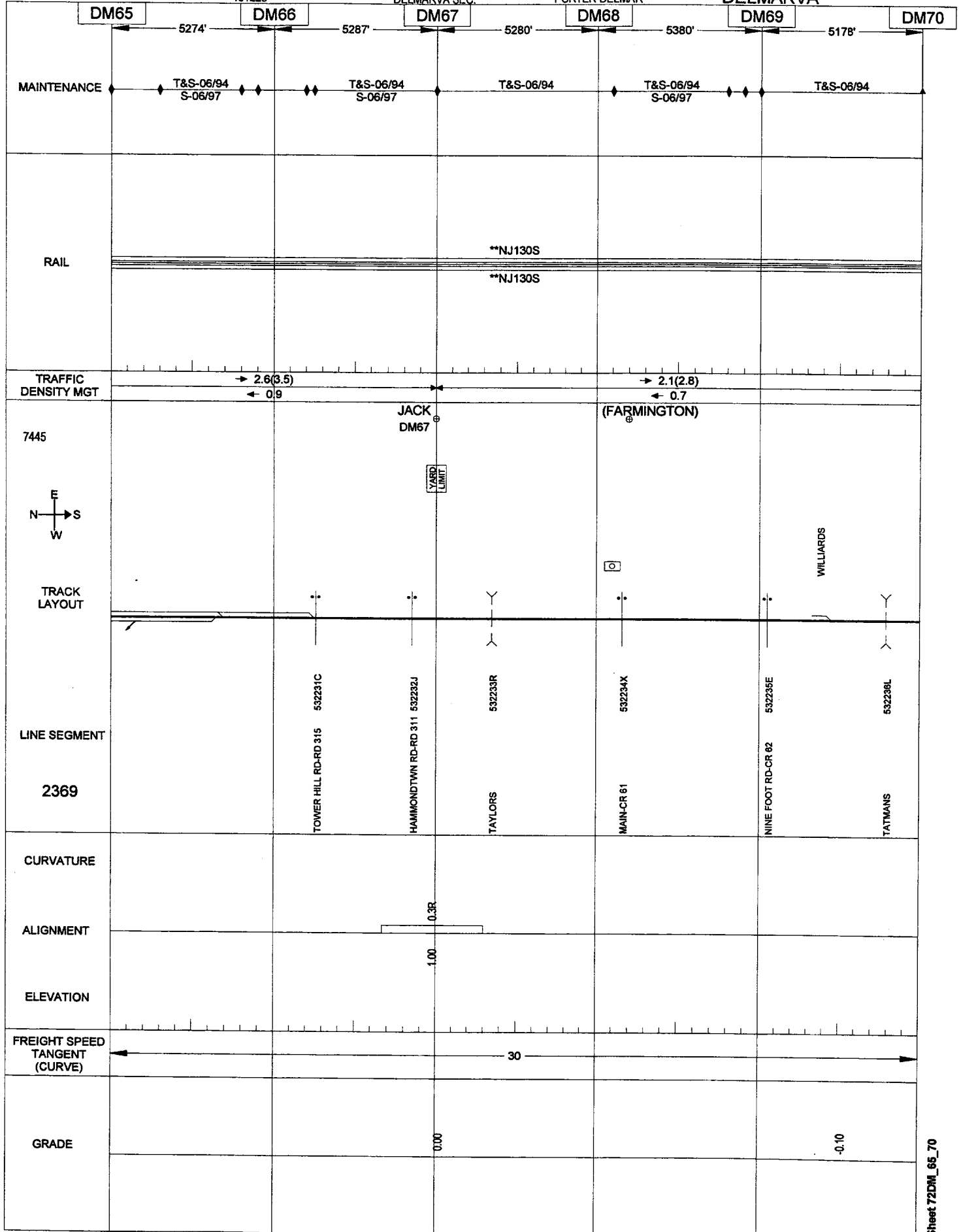
101223

428

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

101223

429

DELMARVA SEC.

PORTER-DELMAR

DELMARVA

	DM70	DM71	DM72	DM73	DM74	DM75
	5280'	5277'	5281'	5279'	5277'	
MAINTENANCE	T&S-06/94 S-06/97	T&S-06/94 S-06/97	T&S-06/94 S-06/97		T&S-06/94	
RAIL			**NJ130S **NJ130S			
TRAFFIC DENSITY MGT			→ 2.1(2.8) ← 0.7			
7445			(GREENWOOD) DM72			
<div> <div>E</div> <div>N → S</div> <div>W</div> </div>						
TRACK LAYOUT						
LINE SEGMENT	532237T	532238A	532240B	532241H 532242P	532243W	532244D
2369	SMITH	JAMES	GREENWOOD RD-CR 589A	MARKET-SR 16 GOVERNOR AVE	ADAMS RD-CR 583N	WILLIS
CURVATURE						
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE			-0.10			

07/11/2006

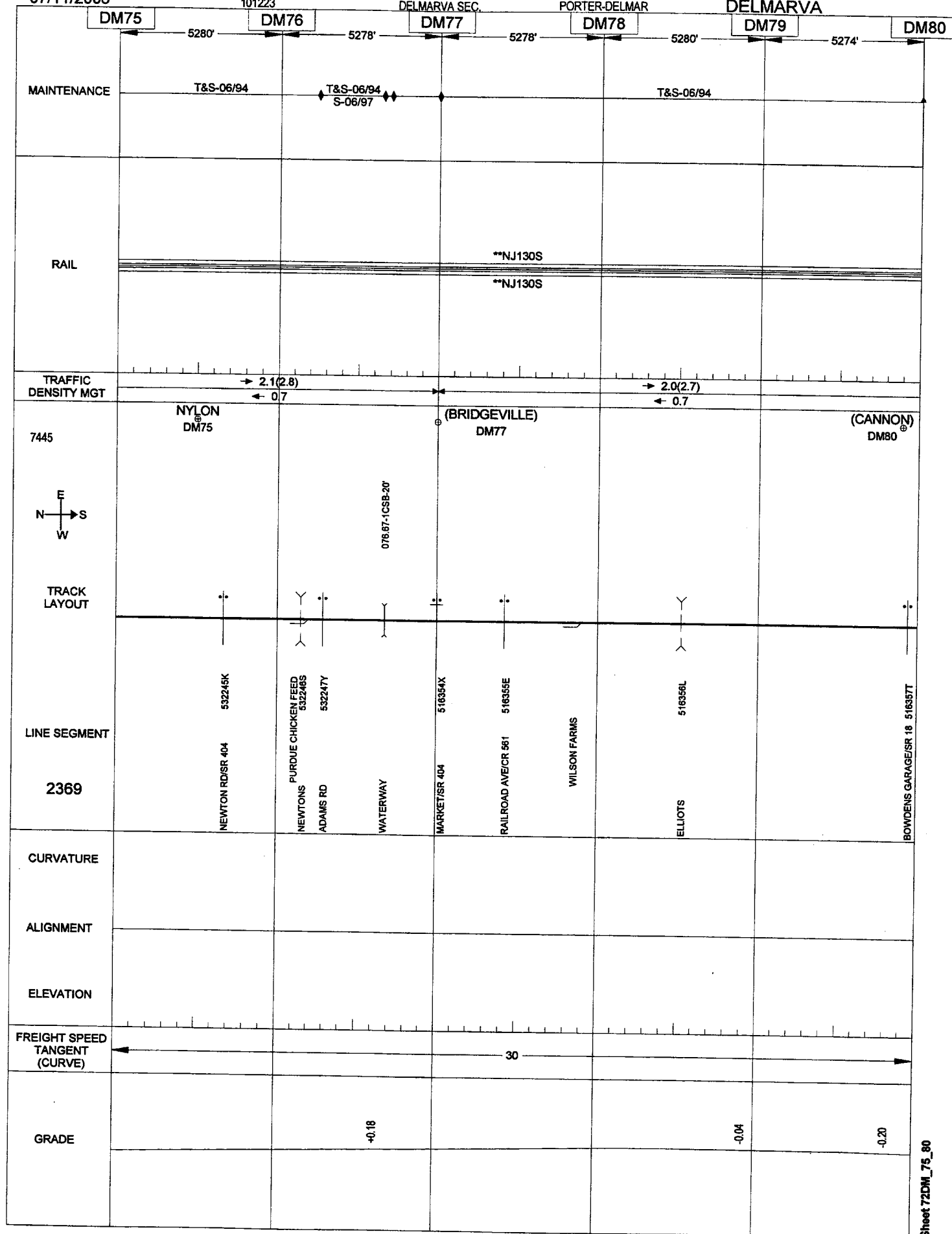
101223

430

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

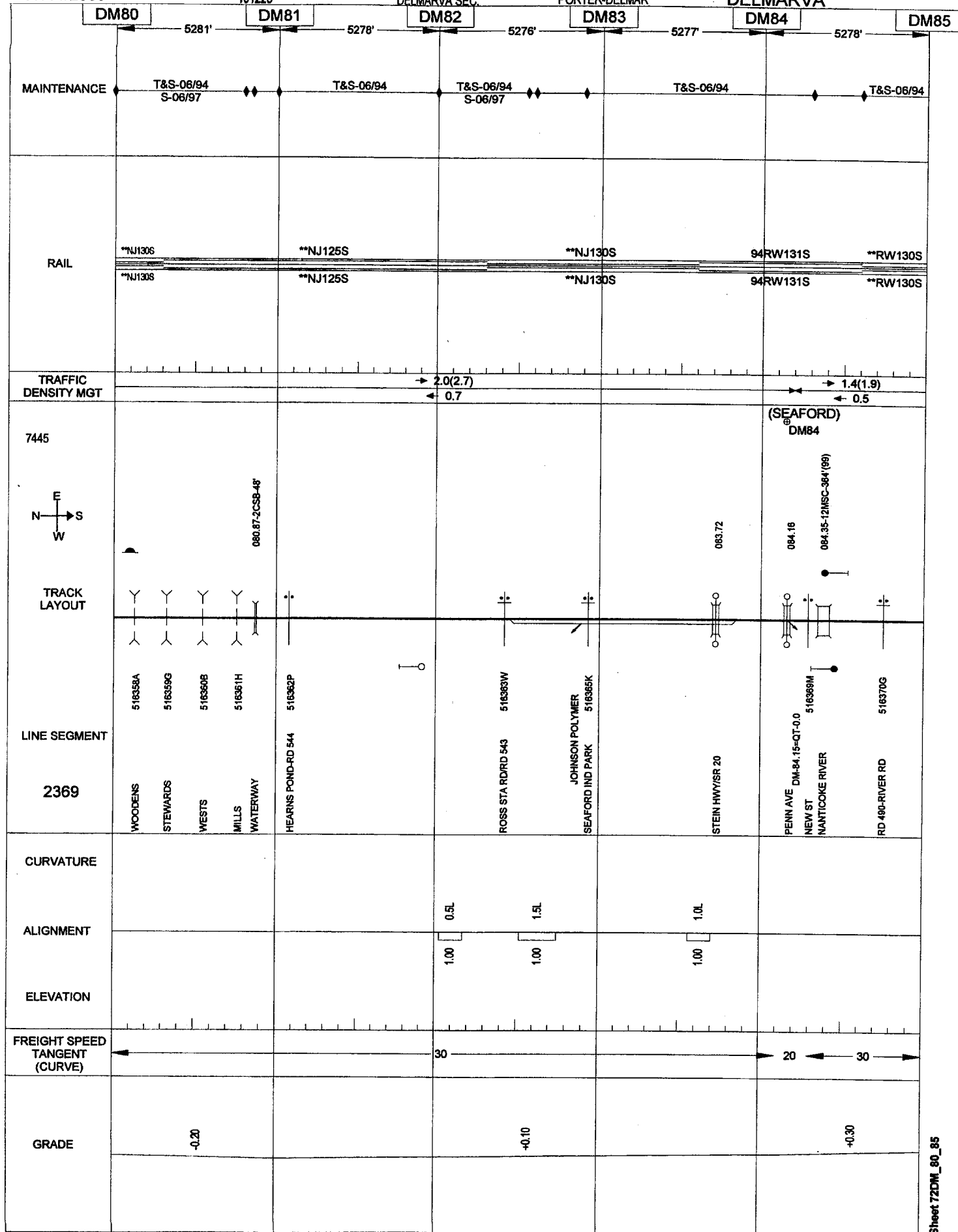
101223

431

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

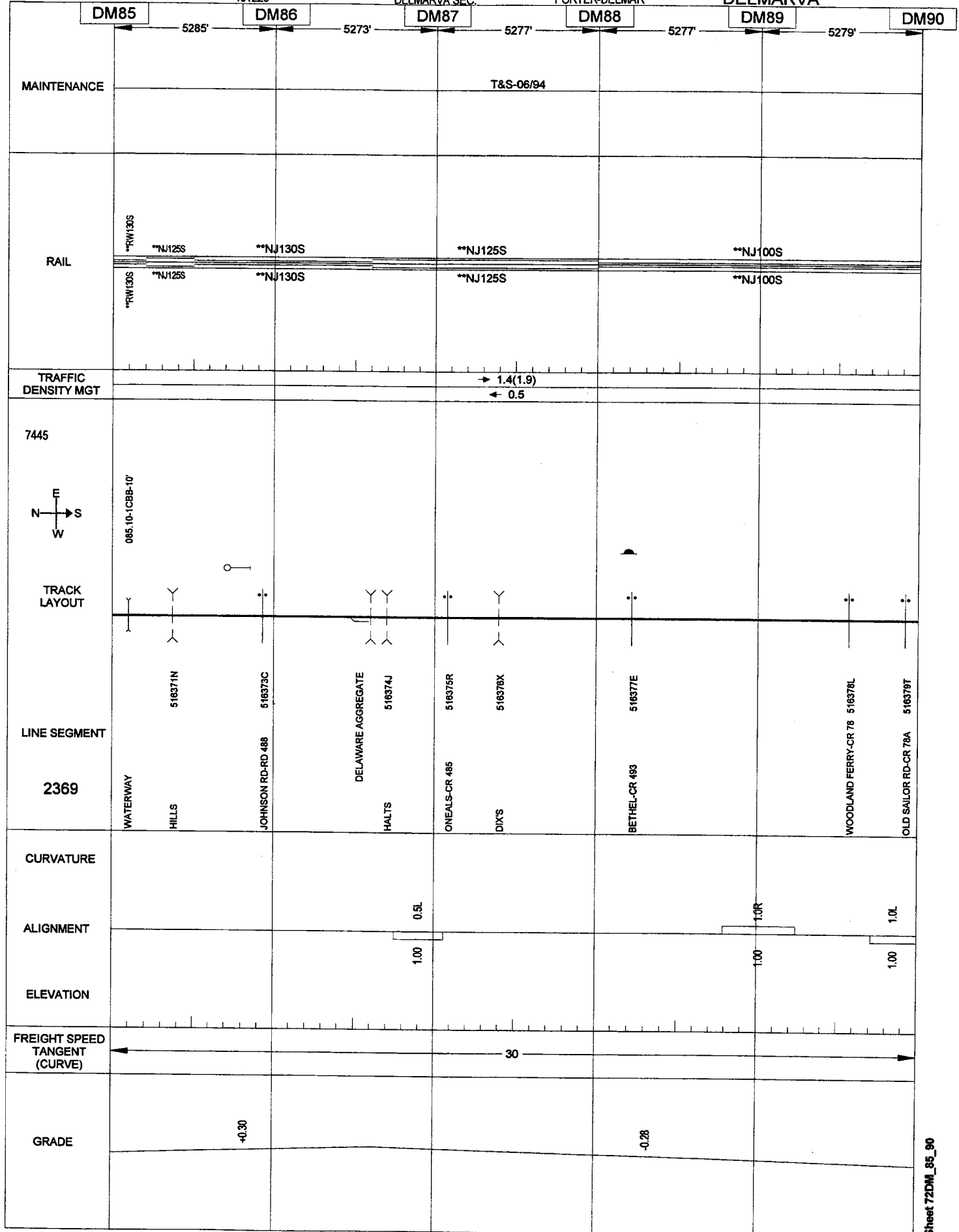
101223

432

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

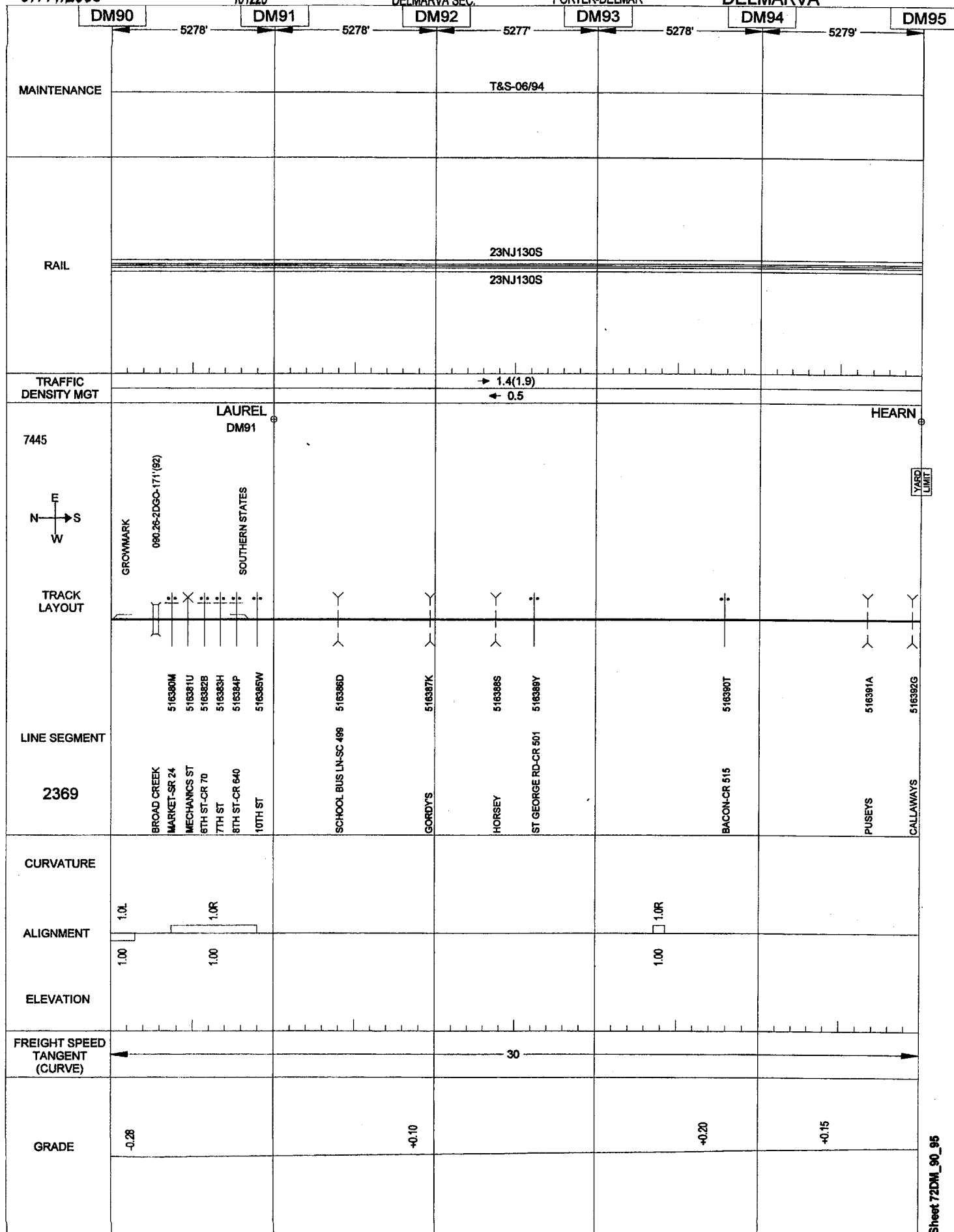
101223

433

DELMARVA SEC.

PORTER-DELMAR

DELMARVA



07/11/2006

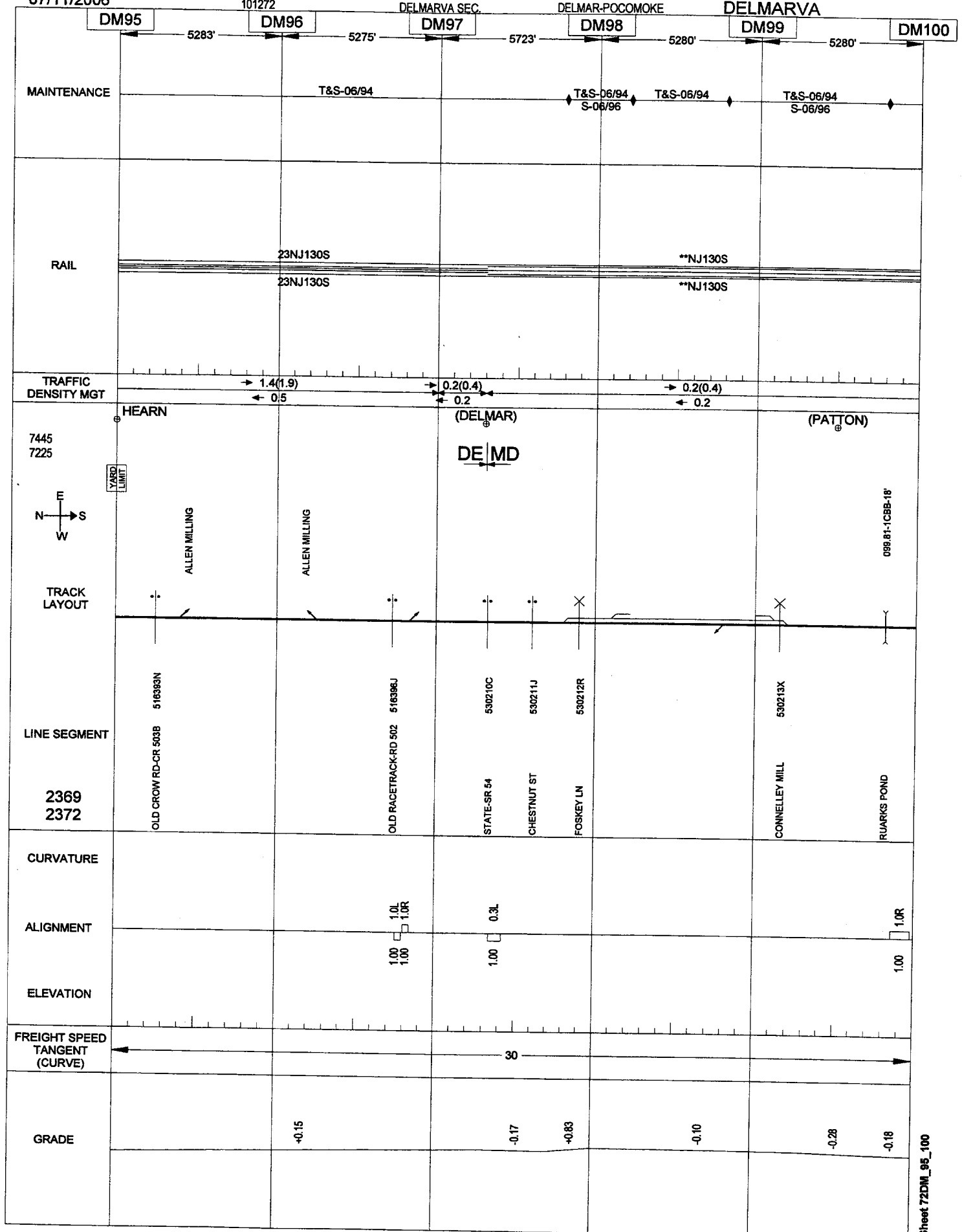
101272

434

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA



07/11/2006

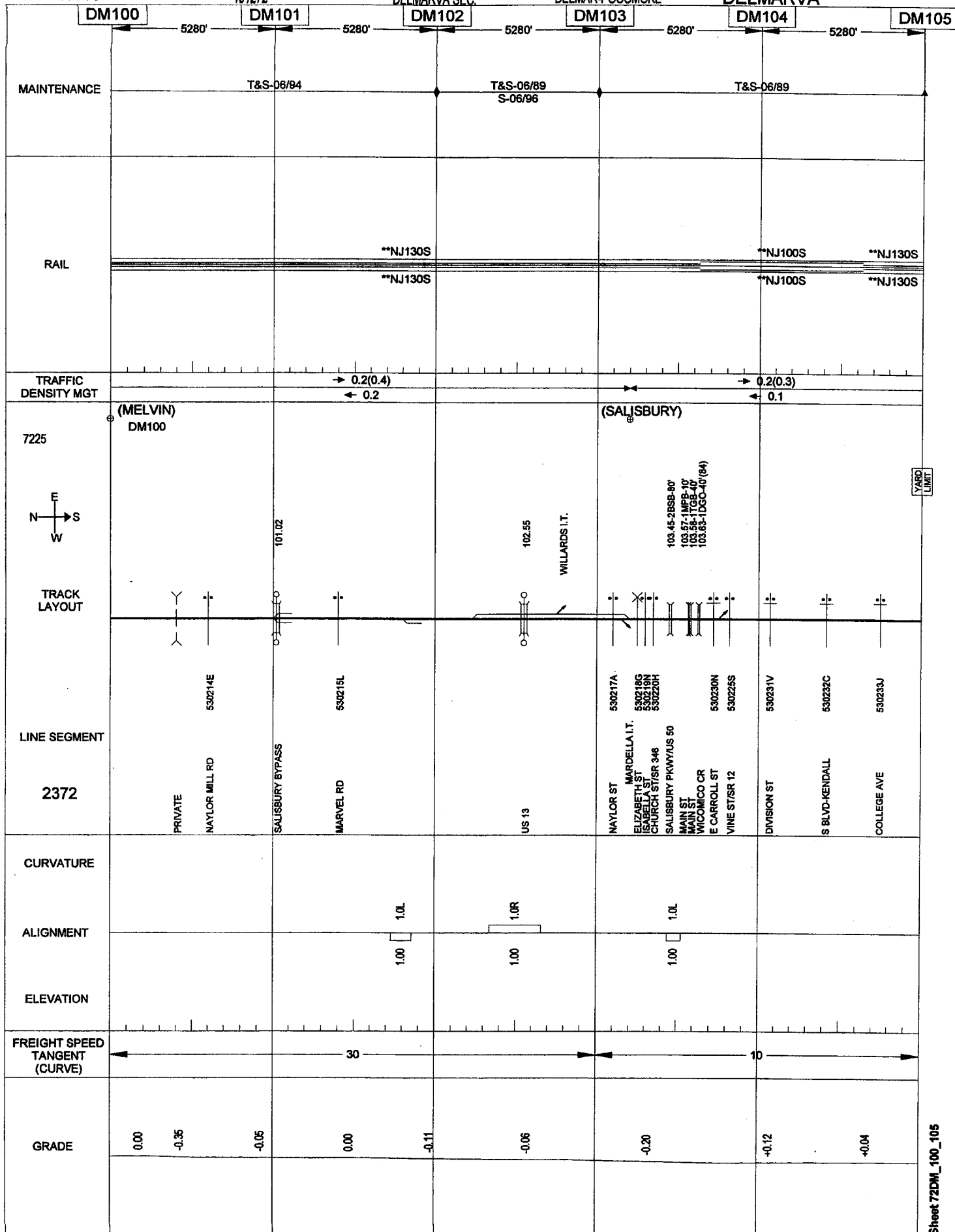
101272

435

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA



07/11/2006

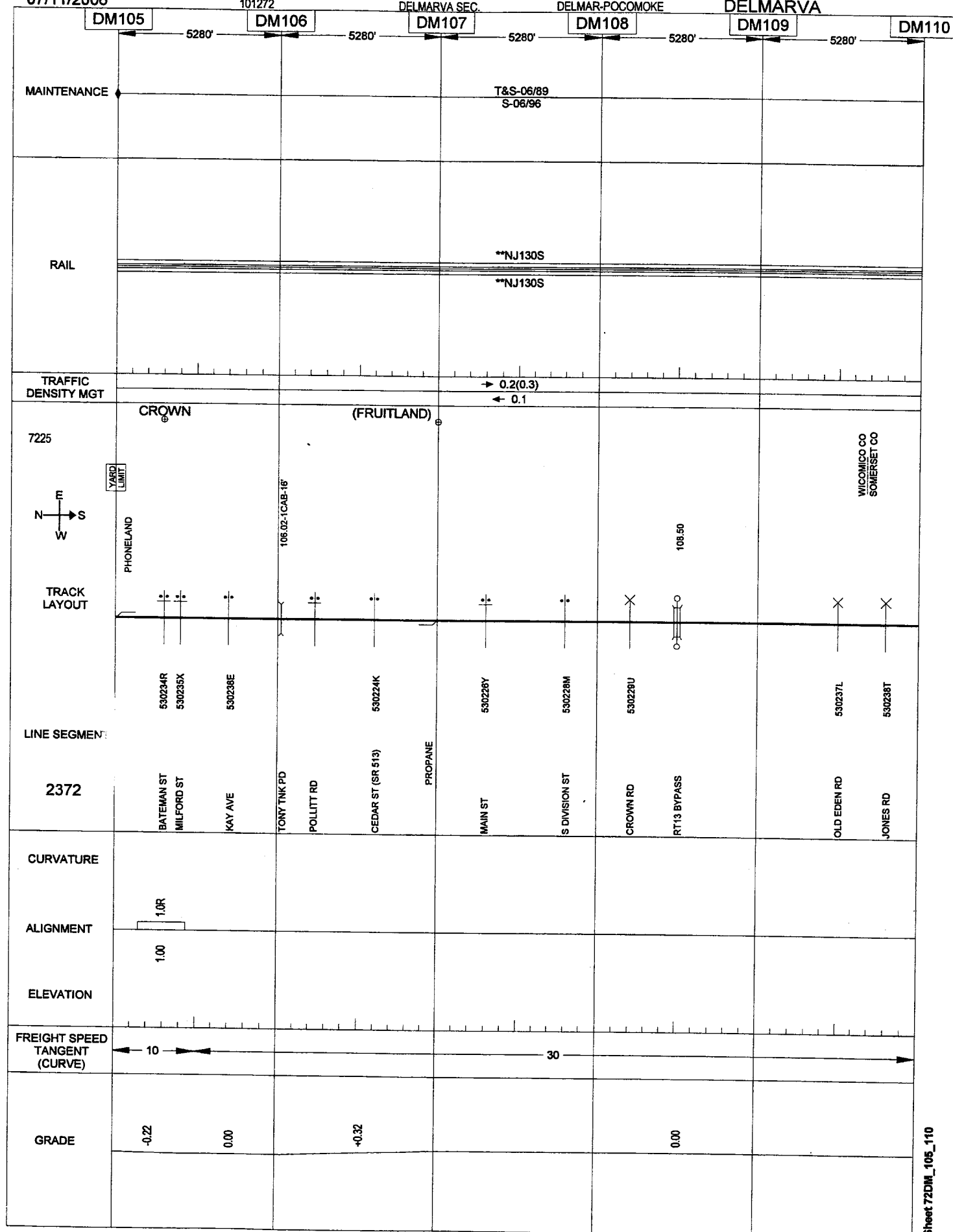
101272

436

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA



07/11/2006

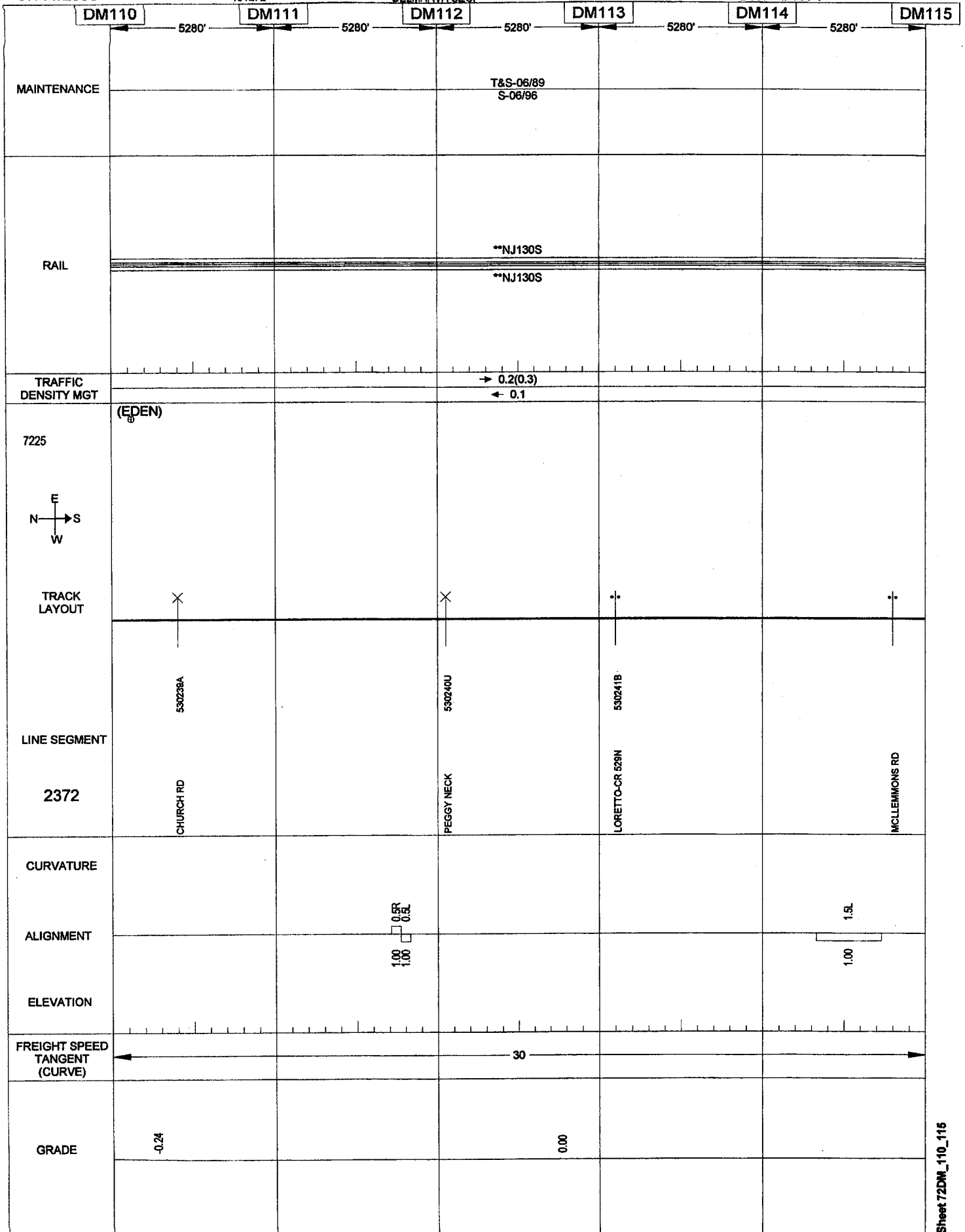
101272

437

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA



07/11/2006

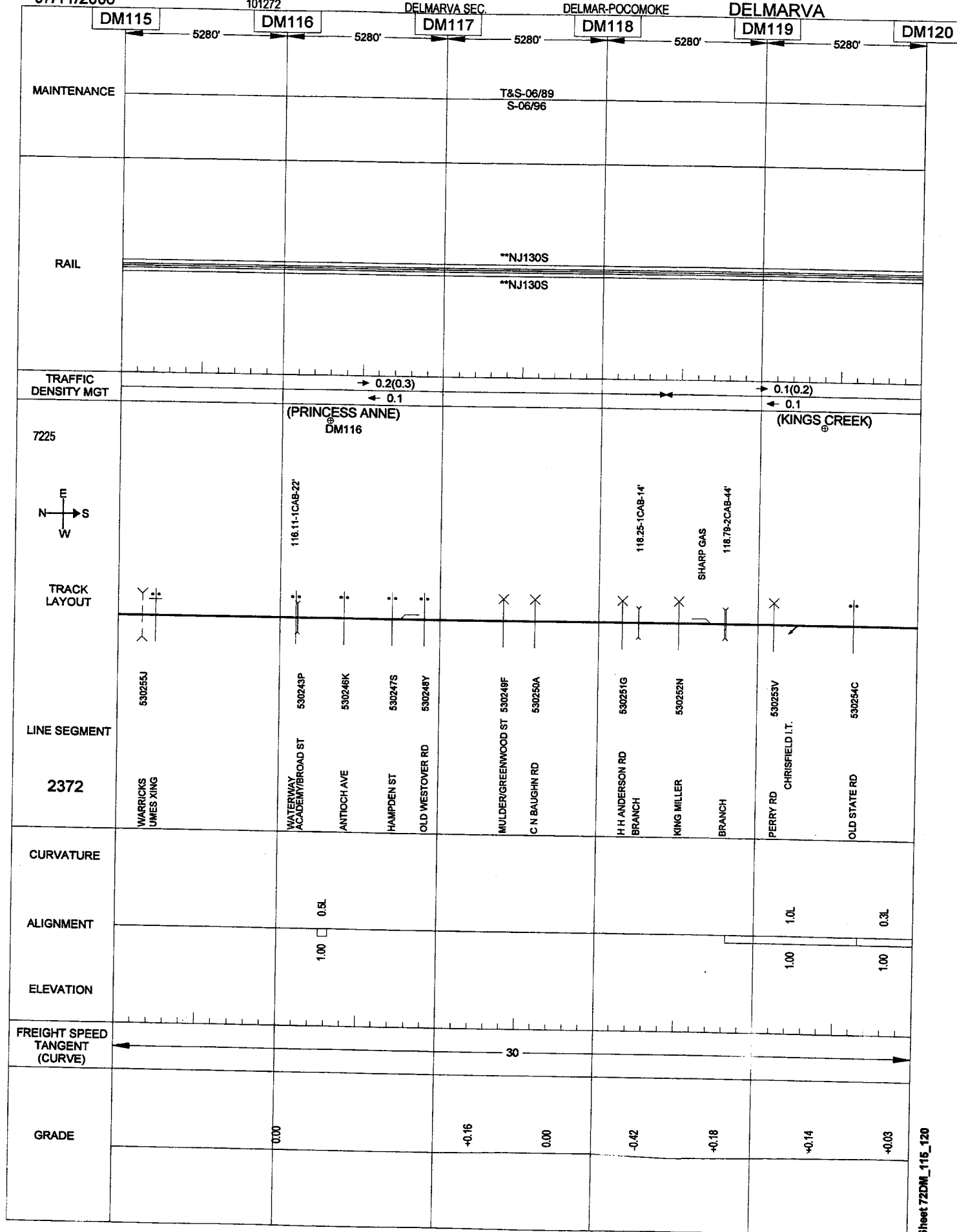
438

101272

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA



	DM120	DM121	DM122	DM123	DM124	DM125
MAINTENANCE			T&S-06/89 S-06/96			
RAIL			**NJ130S **NJ130S			
TRAFFIC DENSITY MGT			→ 0.1(0.2) ← 0.1			
7225					(COSTEN)	
<div style="text-align: center;"> E N —+— S W </div>						
TRACK LAYOUT						
LINE SEGMENT						
2372						
CURVATURE						
ALIGNMENT						
ELEVATION						
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE			+0.03			

07/18/2006

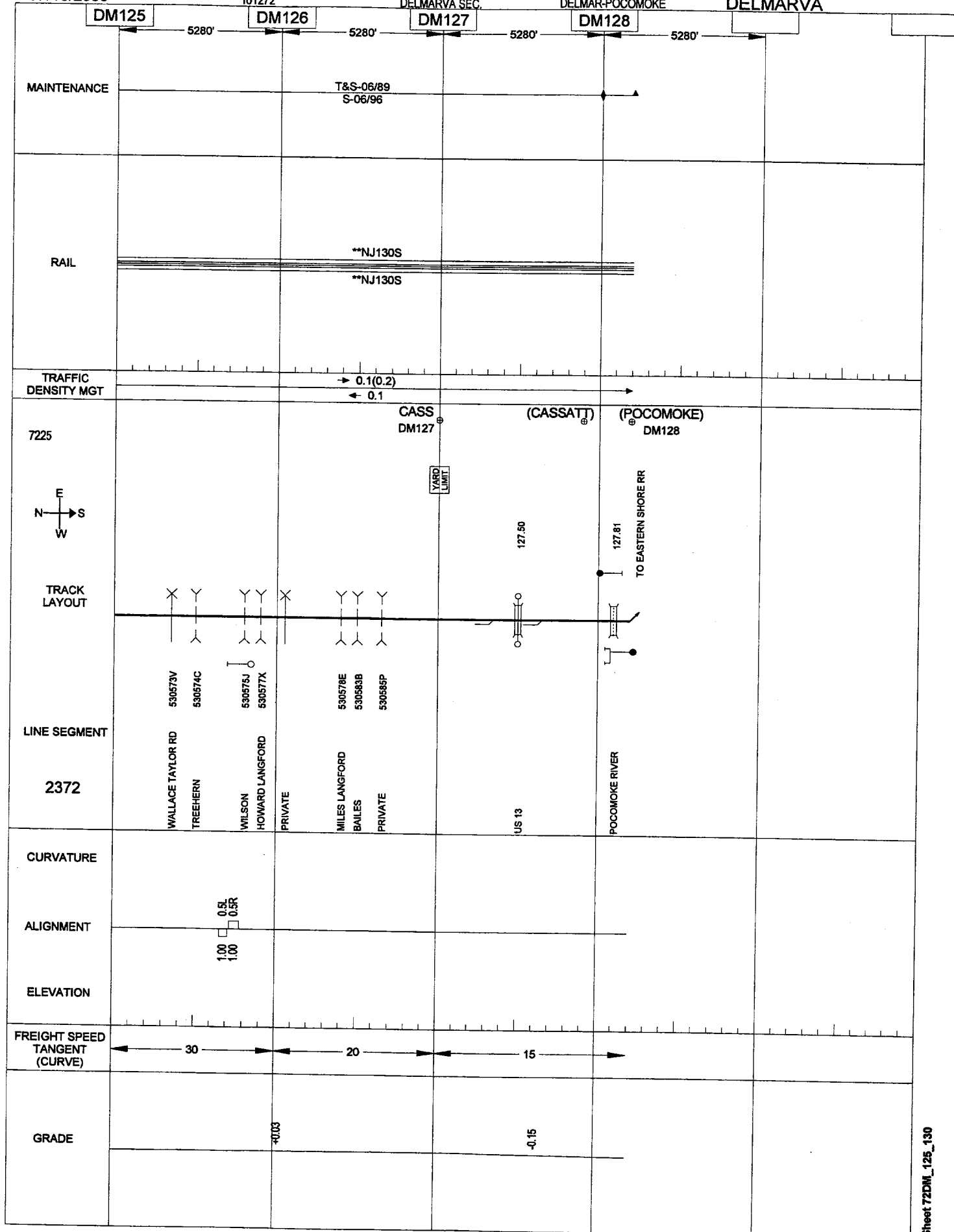
101272

440

DELMARVA SEC.

DELMAR-POCOMOKE

DELMARVA



07/11/2006

101233

441
OXFORD I.T.

CLAYTON

DELMARVA

VQ0

5280'

MAINTENANCE

RAIL

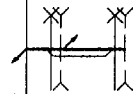
**NJ130S
 **NJ130S
 **NJDBS
 **NJDBS

TRAFFIC
DENSITY MGT

7445

(CLAYTON)

W
 S — N
 E

TRACK
LAYOUT

VQ-0.0-DM-38.90

91302ST
91302BA531858P
531855U

LINE SEGMENT

2852

MAIN ST
WEST STSCHOOL LN
PRIVATE

CURVATURE

ALIGNMENT

4.0R

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

← 10 →

GRADE

+0.17

+0.04

07/11/2006

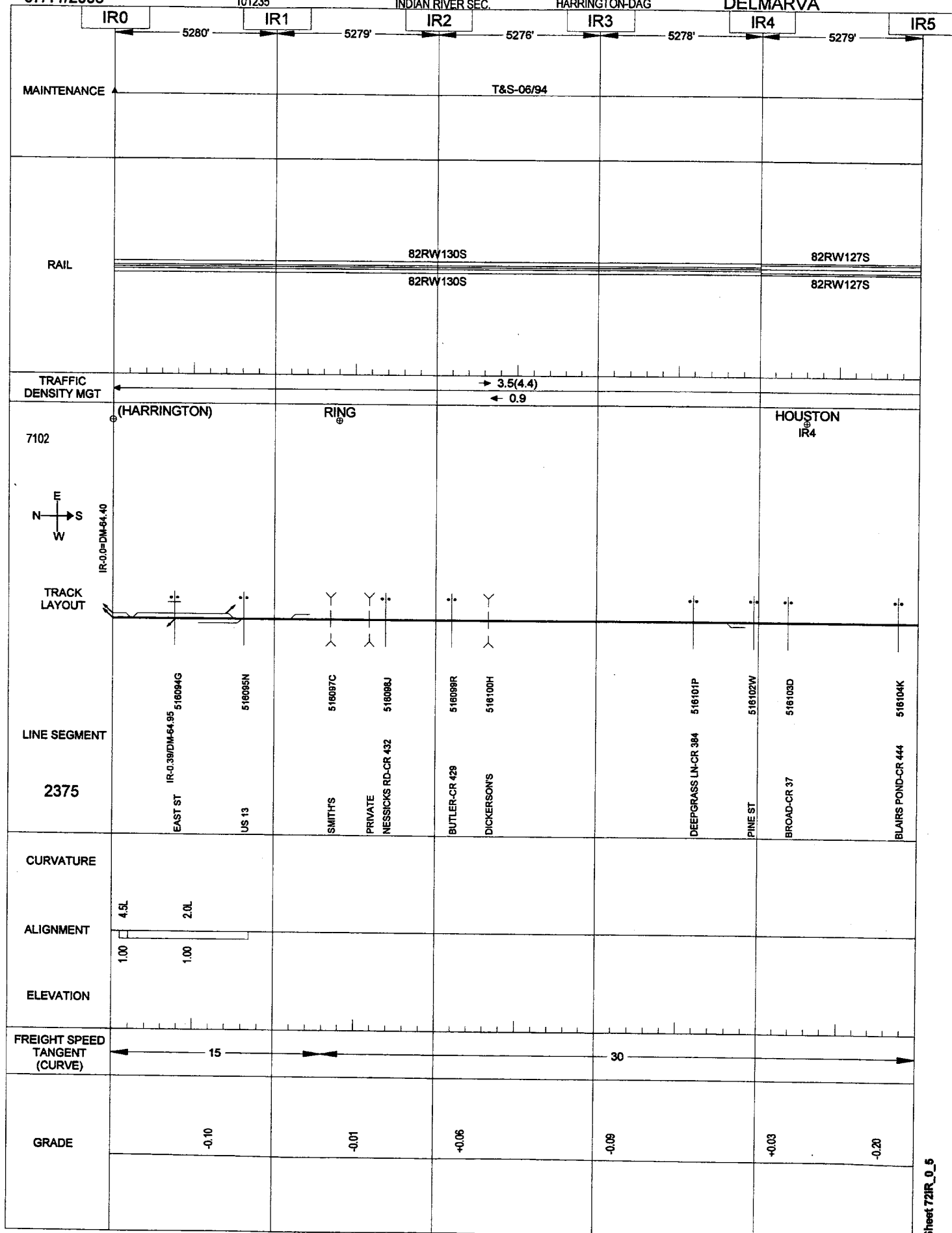
101235

442

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



07/11/2006

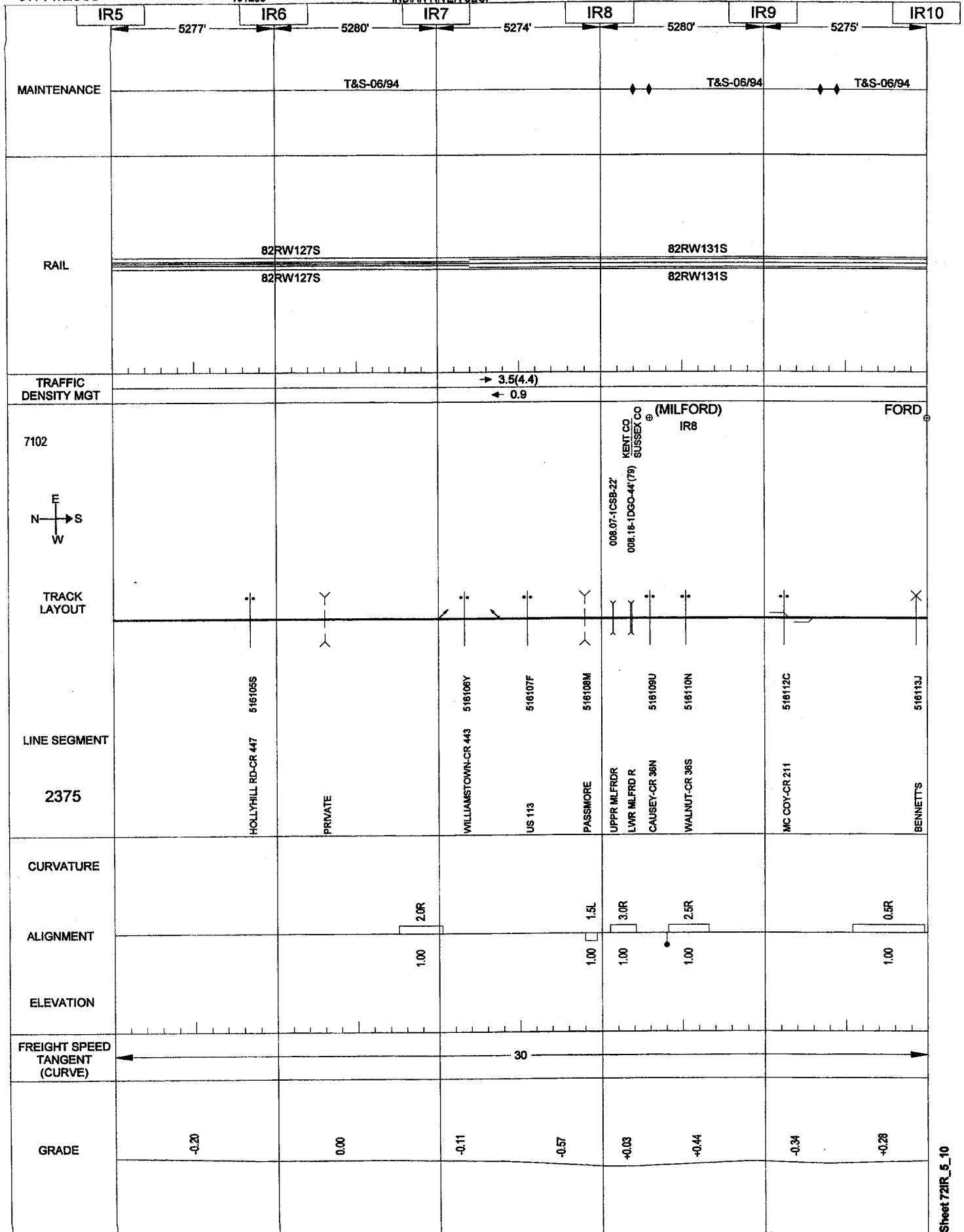
101235

443

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



07/11/2006

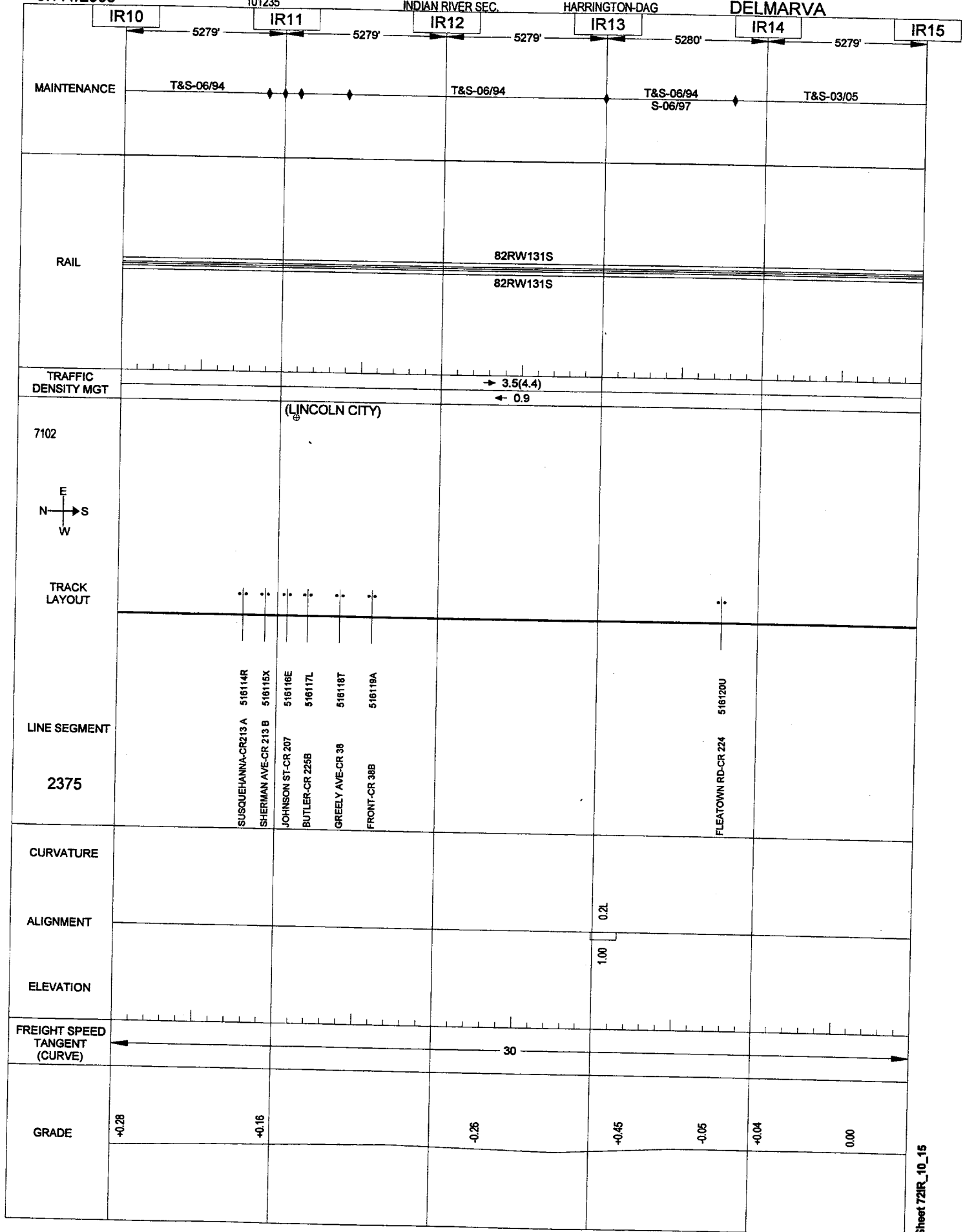
101235

444

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



07/11/2006

101235

445

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA

	IR15	IR16	IR17	IR18	IR19	IR20
	5278'	5277'	5278'	5278'	5279'	
MAINTENANCE	T&S-03/05					
RAIL	82RW131S 97RW127S	82RW131S	82RW131S	82RW127S	82RW127S	
	82RW131S 97RW127S	82RW131S	82RW131S	82RW127S	82RW127S	
TRAFFIC DENSITY MGT	→ 3.5(4.4) ← 0.9					
7102	(ELLENDALE) IR16			(ROBBINS)		
TRACK LAYOUT	TO DCL RR				019.20-1(BSC-20'(05)	
	516122H 516123P 516124W			516128K		
LINE SEGMENT	MAIN-SR 16 WILLOW ST STATE ST			E ROBBINS RD-CR 579	BARLEY BR	
2375						
CURVATURE						
ALIGNMENT						2.0L
ELEVATION						1.00
FREIGHT SPEED TANGENT (CURVE)			30			
GRADE	0.00		-0.08	0.00	-0.05	-0.09 -0.01

07/11/2006

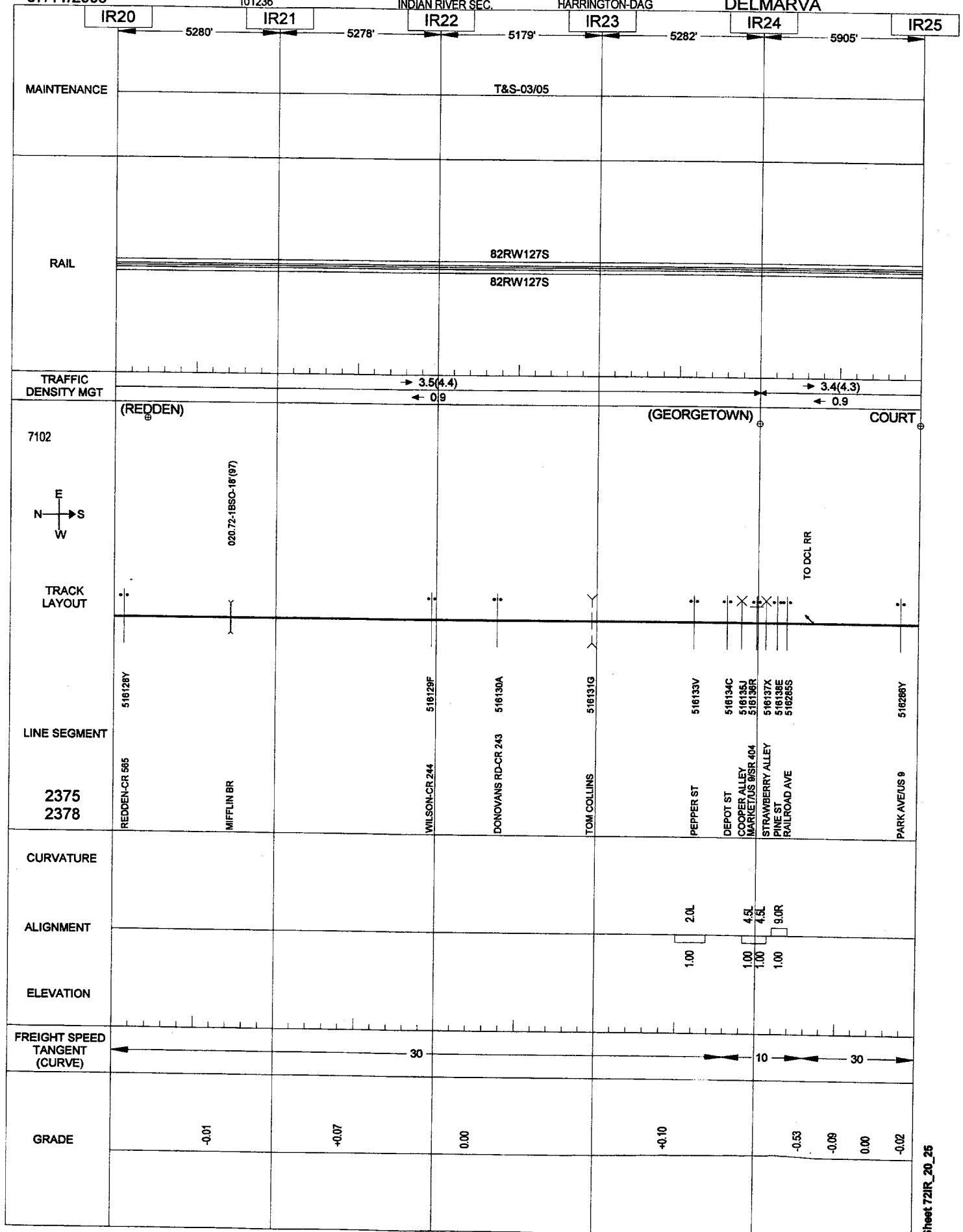
101236

446

INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA



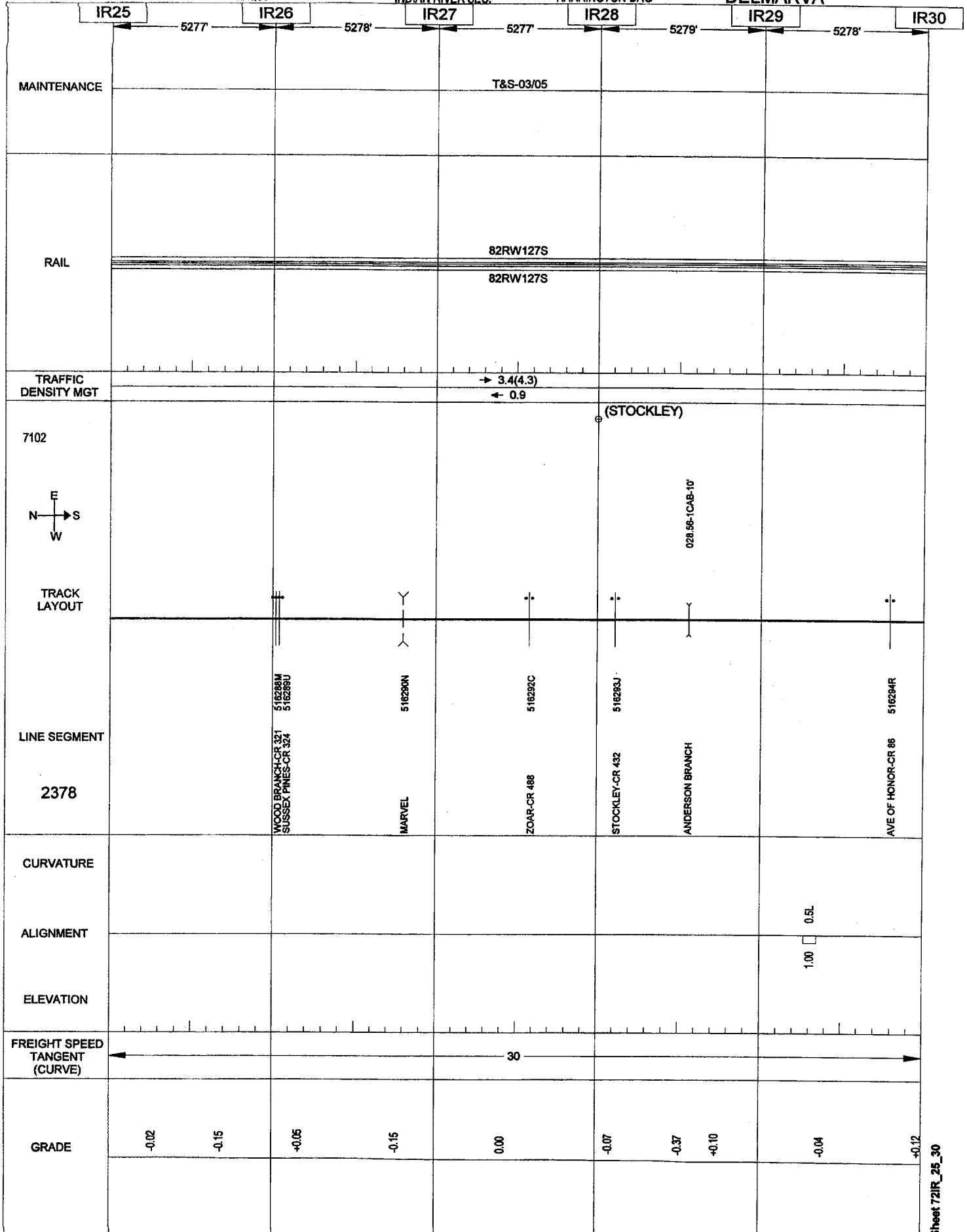
07/11/2006

101236

447
INDIAN RIVER SEC.

HARRINGTON-DAG

DELMARVA





07/11/2006

101236

449

DAGSBORO I.T.

DAG-FRANKFORD

DELMARVA

IR35

5281'

IR36

5258'

IR37

5280'

IR38

5280'

IR39

MAINTENANCE

T&S-03/05

RAIL

82RW127S

84RW131S

84RW132S

84RW131S

82RW127S

84RW131S

84RW132S

84RW131S

TRAFFIC
DENSITY MGT→ 0.4(0.5)
← 0.1→ 0.4(0.5)
← 0.1

7102

TRACK
LAYOUT(DAGSBORO)
IR37DAG
IR38(FRANKFORD)
IR39

035.91-1CSB-14"

037.43-1DGO-29(78)

TO MODE RR

LINE SEGMENT

2378

516307P

516308W

516310X

516311E

516312L

516313T

516314A

516317V

516318C

516318J

913027G

516320D

516321K

CAMPBELL (334A)

DAGSBORO RD/SR 20
WATERWAY

CLAYTON ST-SR 26

SWAMP-CR 406

MITCHELL

(RECORD'S)

PEPPER CRK

WALLS

HICKORY ST-CR 405

DAISEY-SR 54

FRANKFORD AVE-CR 401

GREEN ST

MILL ST

DELAWARE ST

CURVATURE

2.5R

2.5R

ALIGNMENT

1.00

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

30

15

GRADE

+0.06

-0.11

-0.16

-0.19

-0.33

-0.09

0.00

07/11/2006

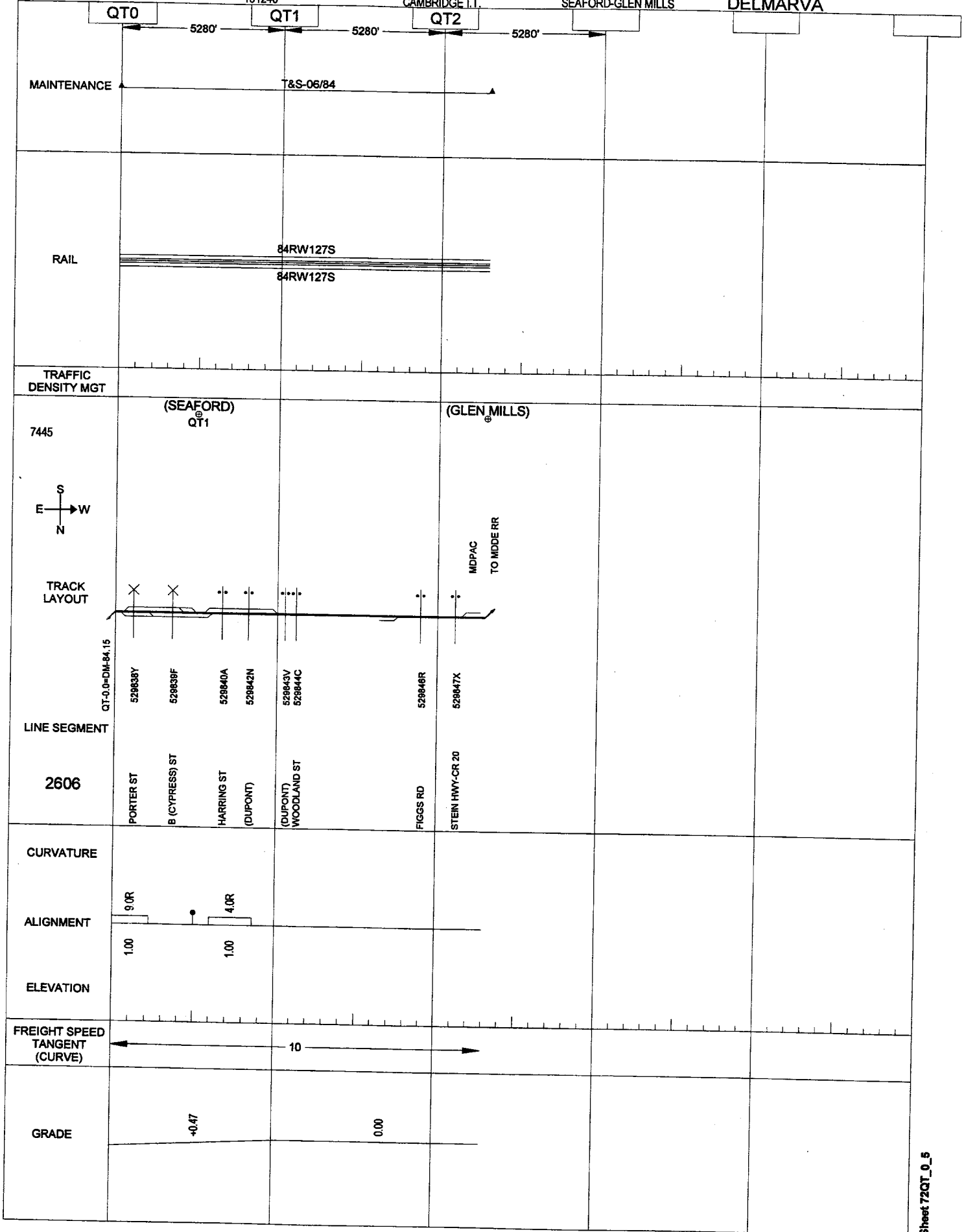
101240

450

CAMBRIDGE I.T.

SEAFORD-GLEN MILLS

DELMARVA



07/18/2006

101239

451

MARDELLA I.T.

SALISBURY

DELMARVA

MW42

5280'

5280'

5280'

5280'

MAINTENANCE

RAIL

**RJ085S

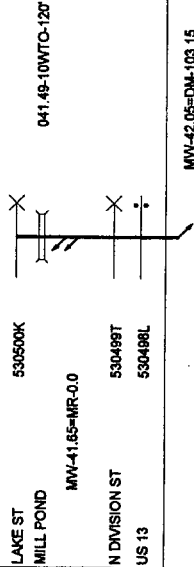
**RJ085S

TRAFFIC
DENSITY MGT

(SALISBURY)



TRACK
LAYOUT



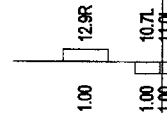
LINE SEGMENT

2555

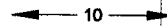
CURVATURE

ALIGNMENT

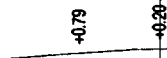
ELEVATION



FREIGHT SPEED
TANGENT
(CURVE)



GRADE



07/11/2006

101267

452

MILL STREET I.T.

SALISBURY-END

DELMARVA

MR0

3168'

MAINTENANCE

RAIL

**NJ085S

**NJ085S

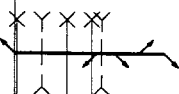
TRAFFIC
DENSITY MGT

7575

(SALISBURY)

S
E → W
N

MR-0.0-MW-41.85

TRACK
LAYOUT

LINE SEGMENT

3119

530478A
530479G
530480B
530481HISABELLA ST
MILL ST
CHESTNUT ST
LEMON HILL LN
CEDAR ST

CURVATURE

12.9L

ALIGNMENT

1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

10

GRADE

-1.00

+0.21

07/11/2006

101239

453

WILLARDS I.T.

SALISBURY-PERDUE SIDING

DELMARVA

MW43

MW44

MW45

5280'

5280'

5280'

5280'

MAINTENANCE

T&S-06/84

RAIL

84RW130S

84RW130S

TRAFFIC
DENSITY MGT

7575

TRACK
LAYOUT

(SALISBURY)

MW-42.05-DM-102.75

LINE SEGMENT

2555

X

X

X

X

X

X

X

530477T

530473R

530472J

530471C

530470V

530469B

530468U

BROWN ST

TRUITT ST

PRISCILLA ST

HAMMOND ST

MOSS HILL LN

BEAGLIN PARK RD

PARKER RD

CURVATURE

ALIGNMENT

20L
1.00

ELEVATION

FREIGHT SPEED
TANGENT
(CURVE)

15

GRADE

+0.20

+0.40

+0.10

+0.20

0.00

07/11/2006

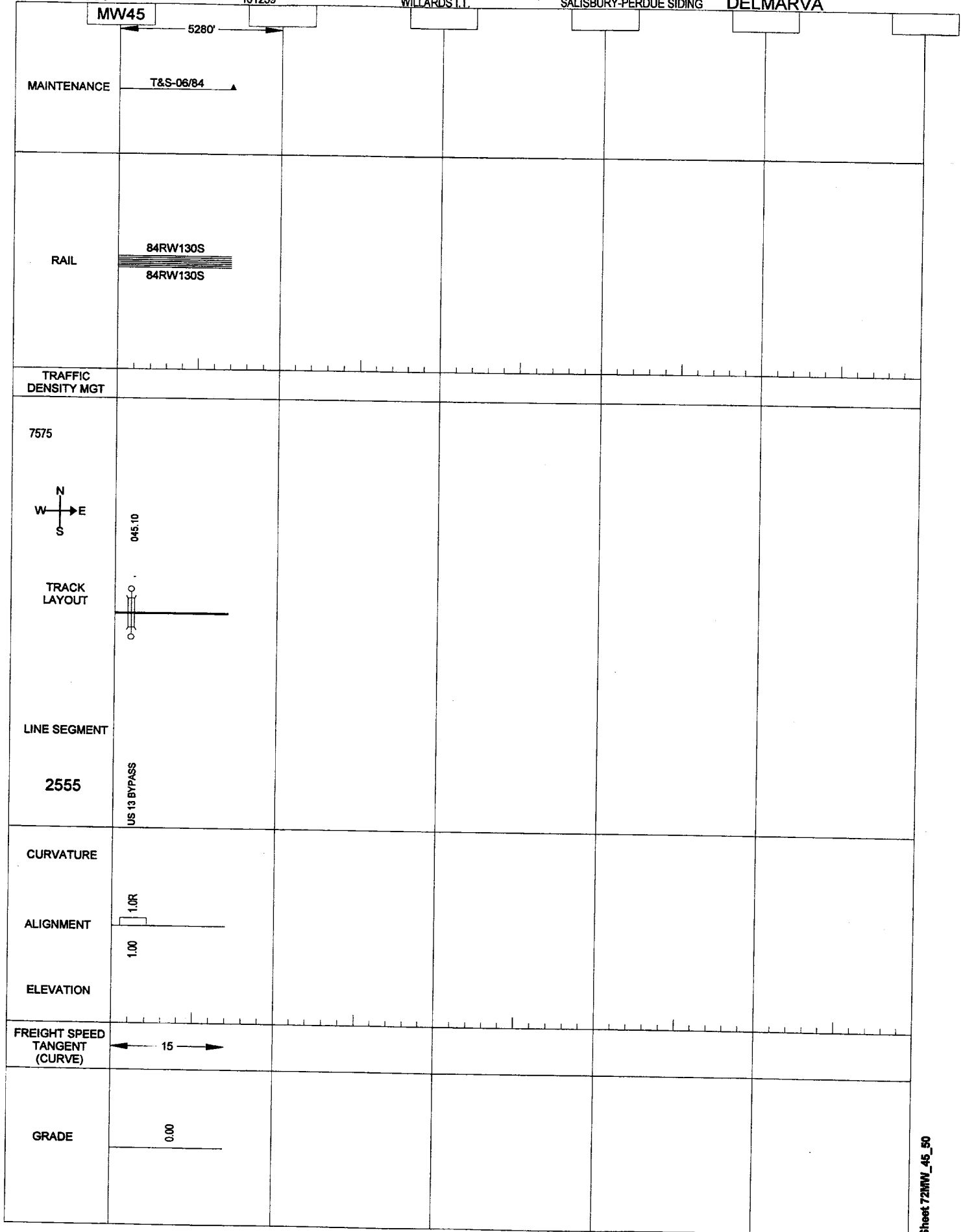
101239

454

WILLARDS I.T.

SALISBURY-PERDUE SIDING

DELMARVA



Explanation of Graphic Display Conventions

Top Margin - (Left to Right)

- 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.

Milepost Data Band -

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

Maintenance Section -

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).

Rail Section -

Data displayed above the graphic for each main represents the left rail and data displayed below the graphic for each main represents the right rail (viewed in increasing milepost direction). Representation gives year laid, rail type, rail weight, and premium (P) vs. standard (S) rail. Rail graphic change indicates break point in data values. Rail type codes are shown in Table 1.

To avoid confusion with the year 2000 (or 00) any rail with a laid date of 1920 or earlier is displayed as the year 1920 (or 20).

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

Traffic Density Section -

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

Track Layout Section -

- 1) Left hand margin gives valuation map I.D., track timetable direction (compass rose), and line segment reporting number.
- 2) Station names and locations are displayed at topmost position in the track layout section (immediately below the traffic density section). Those stations shown in bold print only are timetable stations and those station names which are enclosed in parentheses are non-timetable (reporting) stations. 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. The heavy arrows indicate junctions with branch lines and connections with other railroads (see item 8). Details of this display are limited to switches on main track and adjacent track. Also shown in this area are the graphic symbols for the various grade crossing types, clearance detectors, overpasses, underpasses, bridges, tunnels, and other overhead structures. The common names (street, highway, river) associated with these graphic symbols are displayed at the bottom of the track layout section. Note: For railroad crossings at grade, the display convention, when available, is: Owning Road, Crossing Type, Angle, and Maintaining Road. 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: An = symbol means the lines connect directly and a / symbol means the lines connect indirectly through a yard or side track.

Alignment Section -

- 1) Graphic representation is given for curve direction, length, and superelevation for each main.
Note: Representation is now provided for both tracks 1 and 2. In prior volumes representation was provided for track 1 only. In double track sections track 2 was only a copy of track 1 and did not necessarily represent actual conditions.
- 2) Curvature is specified to tenths of a degree above each main along with left/right indication. Superelevation is specified in inches.
- 3) Location of wheel flange and top of rail lubricators is given along mains.

Freight Speed Section -

Curve and tangent speed limits are taken from the timetables. The curve speed limit (shown within parentheses) is shown under the specific curve to which it applies.

Grade Section -

Grade shown is based on ascending milepost direction.

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

TABLE 1
RAIL TYPE CODES

N	New jointed rail
R	Relay jointed 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>
70	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
80	AV-104.06	104.06	01	1987
129	BR-003.53	003.53	01	1981
136	BR-035.28	035.28	01	2001
136	BR-035.58	035.58	01	2001
136	BR-039.47	039.47	01	2001
141	BR-062.36	062.40	01	2005
141	BR-063.72	063.72	01	1982
143	BR-070.68	070.72	01	1987
145	BR-084.72	084.72	01	1982
147	BR-091.65	091.65	01	1985
148	BR-097.07	097.07	01	1968
148	BR-097.26	097.28	01	1976
154	BR-126.20	126.20	01	1985
154	BR-129.70	129.70	01	1990
155	BR-134.48	134.48	01	1998
156	BR-136.11	136.16	01	1985
156	BR-138.15	138.17	01	1998
157	BR-142.04	142.08	01	1981
157	BR-142.76	142.78	01	1990
158	BR-148.11	148.13	01	1990
159	BR-151.40	151.42	01	1998
159	BR-153.92	154.00	01	1976
161	BR-160.21	160.23	01	1976
166	BR-188.49	188.49	01	2001
166	BR-189.75	189.97	01	1976
168	BR-198.19	198.19	01	1976
177	BR-240.89	240.89	01	1976
177	BR-244.28	244.28	01	2001
178	BR-246.22	246.22	01	2004
185	BR-284.93	284.97	01	2003
271	BV-000.14	000.14	01	1990
271	BV-003.29	003.29	01	1994
127	BX-001.06	001.06	01	2001
127	BX-002.09	002.09	01	NA
127	BX-003.73	003.73	01	2001
127	BX-004.56	004.56	01	2001
127	BX-004.70	004.70	01	2001
127	BX-004.72	004.72	01	2001
65	DG-000.04	000.04	01	1976
423	DM-044.43	044.43	01	2003
423	DM-044.75	044.75	01	2001
427	DM-060.71	060.71	01	1998
431	DM-084.35	084.35	01	1999
433	DM-090.26	090.26	01	1992
435	DM-103.63	103.63	01	1984
440	DM-128.10	127.81	01	1984
41	EI-009.07	009.07	01	2001
41	EI-009.75	009.75	01	1980
242	EP-051.61	051.61	BOTH	2003
			BOTH	1995
245	EP-069.27	069.27	BOTH	1981
79	ER-086.62	086.62	01	1970
44	FJ-009.28	009.28	01	2001

<u>PAGE</u>	<u>MILE POST</u>	<u>BRIDGE NUMBER</u>	<u>TRACK</u>	<u>YEAR REDECKED</u>
415	FK-003.16	003.12	01	1997
191	FV-000.86	000.86	01	1980
191	FV-001.53	001.53	01	1960
191	FV-002.70	002.70	01	1961
191	FV-004.46	004.46	01	1976
192	FV-005.54	005.54	01	1957
222	GG-000.15	000.15	01	1970
367	GL-018.98	018.98	01	1982
367	GL-019.13	019.13	01	1990
368	GL-021.77	021.77	01	1972
368	GL-022.40	022.41	01	1973
371	GL-035.15	035.15	01	1985
371	GL-035.29	035.29	01	1990
372	GL-041.51	041.59	01	1977
374	GL-051.53	051.59	01	1983
376	GL-060.09	060.09	01	1983
376	GL-064.68	064.70	01	1982
377	GL-065.68	065.70	01	1982
27	GV-012.45	012.15	01	1989
27	GV-012.51	012.21	01	1969
405	HE-001.98	001.98	01	1992
405	HE-003.21	003.21	01	NA
281	HI-003.92	003.92	01	1970
126	HJ-000.50	000.50	01	1994
126	HJ-001.00	001.00	01	1994
126	HJ-001.06	001.06	01	1988
126	HJ-001.08	001.08	01	1988
110	HN-017.45	017.50	01	1981
110	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
207	HW-041.04	041.14	01	1976
443	IR-008.18	008.18	01	1979
445	IR-019.20	019.20	01	2005
446	IR-020.72	020.72	01	1997
448	IR-031.65	031.65	01	1979
449	IR-037.43	037.43	01	1978
341	IS-217.01	217.01	01	NA
344	IS-234.92	234.92	01	1981
348	IS-252.01	252.01	01	1982
348	IS-253.47	253.47	01	NA
348	IS-254.38	254.59	01	1983
349	IS-256.29	256.29	01	1983
351	IS-265.98	265.96	01	NA
351	IS-266.89	266.89	01	NA
351	IS-267.27	267.67	01	1985
352	IS-272.18	272.20	01	1983
354	IS-281.71	281.71	01	1999
355	IS-285.88	285.88	01	2000
355	IS-288.18	288.18	01	2001
355	IS-288.22	288.22	01	1982
355	IS-289.61	289.61	01	1982
356	IS-292.67	292.62	01	1990
357	IS-296.74	296.76	01	1983
357	IS-298.21	298.21	01	1982
357	IS-299.58	299.60	01	1981
358	IS-301.84	301.84	01	1980
358	IS-303.65	303.69	01	1983
358	IS-303.87	303.91	01	1982
358	IS-304.61	304.63	01	1990
358	IS-304.94	304.94	01	1985

<u>PAGE</u>	<u>MILE POST</u>	<u>BRIDGE NUMBER</u>	<u>TRACK</u>	<u>YEAR REDECKED</u>
359	IS-306.04	305.98	01	NA
359	IS-306.83	306.83	01	1983
359	IS-306.95	306.96	01	1989
359	IS-307.98	307.98	01	1981
359	IS-308.31	308.27	01	1982
359	IS-309.44	309.44	01	1985
359	IS-309.77	309.72	01	1993
360	IS-310.20	310.16	01	1981
360	IS-310.24	310.19	01	1993
360	IS-312.62	312.52	01	1992
360	IS-313.42	313.38	01	2000
360	IS-314.26	314.22	01	1981
360	IS-314.84	314.83	01	1982
362	IS-320.87	320.87	01	NA
66	JV-072.47	072.47	01	1970
96	JW-146.23	146.23	01	1970
81	LB-084.24	084.24	01	1970
82	LB-089.15	089.15	01	1976
83	LB-090.15	090.15	01	1976
83	LB-091.96	091.96	01	2005
83	LB-092.35	092.35	01	1976
83	LB-093.03	093.03	01	1976
83	LB-093.49	093.49	01	1976
83	LB-094.50	094.50	01	2005
86	LB-107.53	107.53	01	1976
87	LB-112.15	112.15	01	2005
87	LB-112.80	112.80	01	2003
87	LB-114.28	114.28	01	1986
47	LE-044.17	044.24	01	2004
49	LE-051.52	051.52	01	2003
49	LE-053.68	053.72	01	1970
50	LE-057.11	057.10	01	1999
50	LE-057.17	057.17	01	1999
50	LE-057.92	057.89	01	1976
50	LE-058.00	057.97	01	1981
54	LE-076.60	076.65	01	1976
54	LE-076.82	076.78	01	1976
54	LE-079.43	079.43	BOTH	1982
56	LE-086.03	086.03	01	1995
56	LE-086.03	086.03	02	2005
56	LE-088.70	088.74	01	1998
56	LE-088.80	088.80	01	1983
56	LE-088.83	088.86	01	2002
200	LG-010.31	010.31	01	2004
200	LG-010.39	010.39	01	2004
201	LG-015.54	015.54	01	1988
201	LG-019.39	019.29	01	2002
201	LG-019.46	019.36	01	1994
202	LG-021.35	021.34	01	2002
202	LG-021.70	021.70	01	1976
202	LG-021.87	021.87	01	2002
203	LG-025.05	025.05	01	1980
203	LG-028.37	028.37	01	2005
204	LG-033.01	033.03	01	1996
206	LG-040.87	040.87	01	1970
89	LH-121.46	121.46	01	1982
89	LH-121.46	121.46	02	1982
226	LI-001.80	001.80	01	1970
227	LI-008.39	007.71	01	2001
227	LI-009.06	009.06	01	2001
383	LX-005.79	005.79	01	1996
383	LX-008.92	008.92	01	1999

<u>PAGE</u>	<u>MILE POST</u>	<u>BRIDGE NUMBER</u>	<u>TRACK</u>	<u>YEAR REDECKED</u>
383	LX-009.36	009.36	01	1986
384	LX-012.01	012.01	01	1983
384	LX-012.18	012.18	01	1992
384	LX-014.09	014.09	01	1984
385	LX-016.72	016.72	01	1984
385	LX-017.15	017.15	01	1984
385	LX-018.59	018.59	01	1984
385	LX-018.93	018.93	01	1981
385	LX-019.31	019.31	01	1999
385	LX-019.60	019.60	01	1986
385	LX-019.91	019.91	01	1984
104	MV-021.80	021.99	01	2002
104	MV-024.01	024.18	01	NA
379	MX-000.60	000.60	01	NA
275	NK-010.18	010.18	01	1976
275	NK-012.42	012.42	01	1976
275	NK-013.02	013.02	01	1976
64	OR-080.53	080.53	01	NA
268	OV-000.60	000.60	01	1991
230	PD-001.29	001.29	01	2003
230	PD-003.63	003.63	01	2005
236	PD-032.96	032.99	01	1990
236	PD-033.00	033.06	01	1988
237	PD-039.03	039.03	BOTH	1988
59	PO-000.35	000.35	01	1990
			01	1980
59	PO-001.19	001.19	01	1984
59	PO-002.80	002.96	01	1976
59	PO-004.18	004.18	01	1983
59	PO-004.65	004.65	01	1976
60	PO-005.50	005.66	01	1983
60	PO-007.37	007.19	01	1983
60	PO-007.60	007.40	01	2005
60	PO-008.54	008.48	01	1988
60	PO-009.21	009.15	01	1986
60	PO-009.55	009.49	01	1986
60	PO-009.76	009.69	01	1987
61	PO-011.38	011.31	01	1976
61	PO-013.51	013.51	01	1984
63	PO-021.08	020.98	01	1988
114	PX-000.62	000.62	01	1992
114	PX-000.79	000.79	01	1956
114	PX-003.74	003.74	01	1964
114	PX-004.85	004.85	01	1989
			01	1981
115	PX-006.75	006.75	01	1980
115	PX-007.50	007.50	01	1994
68	QE-064.76	064.76	01	1984
68	QE-064.98	064.98	01	1970
92	QH-002.75	002.75	01	1986
93	QH-007.07	007.07	01	1987
94	QH-010.32	010.32	01	1988
94	QH-010.70	010.70	01	1988
399	QM-000.59	000.59	01	1985
35	RV-024.81	024.81	BOTH	2003
38	RV-035.43	035.37	BOTH	2000
38	RV-035.68	035.62	01	1977
38	RV-035.68	035.62	02	2000
38	RV-035.84	035.71	BOTH	2004
38	RV-035.86	035.73	BOTH	2004
73	SE-000.65	000.64	01	1982
73	SE-001.03	001.08	01	1970

<u>PAGE</u>	<u>MILE POST</u>	<u>BRIDGE NUMBER</u>	<u>TRACK</u>	<u>YEAR REDECKED</u>
73	SE-002.41	002.52	01	1986
73	SE-004.85	004.89	01	1986
74	SE-005.02	005.02	01	1986
74	SE-005.23	005.26	01	1985
74	SE-005.67	005.69	01	1986
74	SE-006.15	006.18	01	1988
74	SE-007.45	007.47	01	1988
74	SE-007.66	007.68	01	1986
74	SE-009.17	009.27	01	1985
74	SE-009.72	009.74	01	1981
74	SE-009.95	009.95	01	1985
75	SE-010.27	010.31	01	1981
75	SE-011.46	011.46	01	1985
75	SE-011.54	011.54	01	1985
75	SE-014.60	014.62	01	1988
76	SE-018.02	018.02	01	1970
76	SE-019.15	019.18	01	1988
215	SI-009.21	009.21	01	1991
215	SI-009.55	009.55	01	1991
217	SI-017.79	017.79	01	1968
295	SR-214.15	214.15	01	1988
295	SR-214.15	214.15	02	1992
296	SR-217.80	217.80	BOTH	1986
296	SR-217.99	217.99	BOTH	1979
296	SR-218.76	218.76	BOTH	1979
297	SR-224.18	224.18	01	2005
297	SR-224.18	224.18	02	1996
299	SR-233.32	233.32	01	2005
299	SR-233.32	233.32	02	1979
300	SR-236.71	236.71	01	1977
300	SR-236.71	236.71	02	1989
300	SR-236.86	236.86	01	1983
300	SR-236.86	236.86	02	1988
300	SR-238.31	238.31	BOTH	2003
301	SR-241.53	241.53	01	2001
301	SR-241.53	241.53	02	1999
302	SR-247.18	247.18	01	1989
302	SR-247.18	247.18	02	1990
302	SR-248.20	248.20	01	1988
302	SR-248.20	248.20	02	1981
303	SR-252.00	252.00	01	1999
303	SR-252.00	252.00	02	1986
303	SR-254.17	254.17	01	1999
303	SR-254.17	254.17	02	1994
303	SR-254.20	254.21	01	1988
303	SR-254.20	254.21	02	1983
303	SR-254.36	254.36	01	1999
303	SR-254.36	254.36	02	1981
304	SR-255.30	255.30	01	1981
304	SR-257.39	257.39	01	1987
304	SR-258.06	258.05	01	2003
304	SR-258.70	258.70	01	1981
304	SR-258.93	258.93	01	1980
305	SR-261.03	261.04	01	1981
306	SR-266.09	266.09	01	2004
306	SR-269.31	269.31	01	1980
307	SR-272.20	272.20	01	2005
307	SR-273.99	273.99	01	1985
309	SR-281.10	281.10	01	1995
309	SR-282.33	282.33	01	1980
309	SR-282.37	282.37	01	1980
309	SR-282.83	282.83	01	2005

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309	SR-283.43	283.43	01	2005
312	SR-298.15	298.15	01	1984
312	SR-299.02	299.02	01	1987
312	SR-299.59	299.59	01	1998
315	SR-310.08	310.08	01	1992
317	SR-324.90	324.90	01	1986
318	SR-328.18	328.18	01	1998
319	SR-330.66	330.66	01	1981
319	SR-332.00	332.02	01	2004
320	SR-335.04	335.05	01	1985
321	SR-343.49	343.49	01	2004
321	SR-343.99	343.99	01	1980
322	SR-345.29	345.29	01	2001
322	SR-347.70	347.70	01	1987
322	SR-348.58	348.58	01	1984
322	SR-349.86	349.86	01	1984
323	SR-350.45	350.53	01	1980
325	SR-361.58	361.66	01	1983
329	SR-381.47	381.47	01	1986
331	SR-392.78	392.78	01	1998
331	SR-392.83	392.83	01	2000
335	SR-413.93	413.93	01	1983
336	SR-415.52	415.52	01	2003
196	SV-000.09	000.09	01	1976
196	SV-000.40	000.40	01	1976
197	SV-006.42	006.42	01	1976
97	TH-146.79	146.79	01	1988
97	TH-147.09	147.09	01	1988
97	TH-148.08	148.08	01	1988
97	TH-149.42	149.42	01	1988
286	TO-019.73	019.73	01	NA
219	UH-007.80	007.80	01	1987
112	VE-000.07	000.07	01	1991
112	VE-000.47	000.47	01	NA
112	VE-000.77	000.77	01	1991
266	VI-001.41	001.41	01	1970
71	VM-061.01	061.01	01	1970
72	VM-065.74	065.74	01	1970
396	VT-195.39	195.39	01	2001
78	VY-000.17	000.17	01	1970
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289	WD-061.49	061.49	01	1984
292	WD-075.49	075.49	01	NA
292	WD-079.75	079.75	01	1984
193	WH-001.11	001.11	01	1976
193	WH-003.25	003.25	01	1976
193	WH-004.19	004.19	01	1976
193	WH-004.74	004.74	01	2001
194	WH-005.37	005.37	01	1992
194	WH-006.42	006.42	01	1989
194	WH-008.23	008.23	01	1991
194	WH-008.60	008.60	01	2001
195	WH-010.73	010.73	01	1988
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264	YR-010.13	010.13	01	1976
261	YX-008.53	008.53	01	1976