

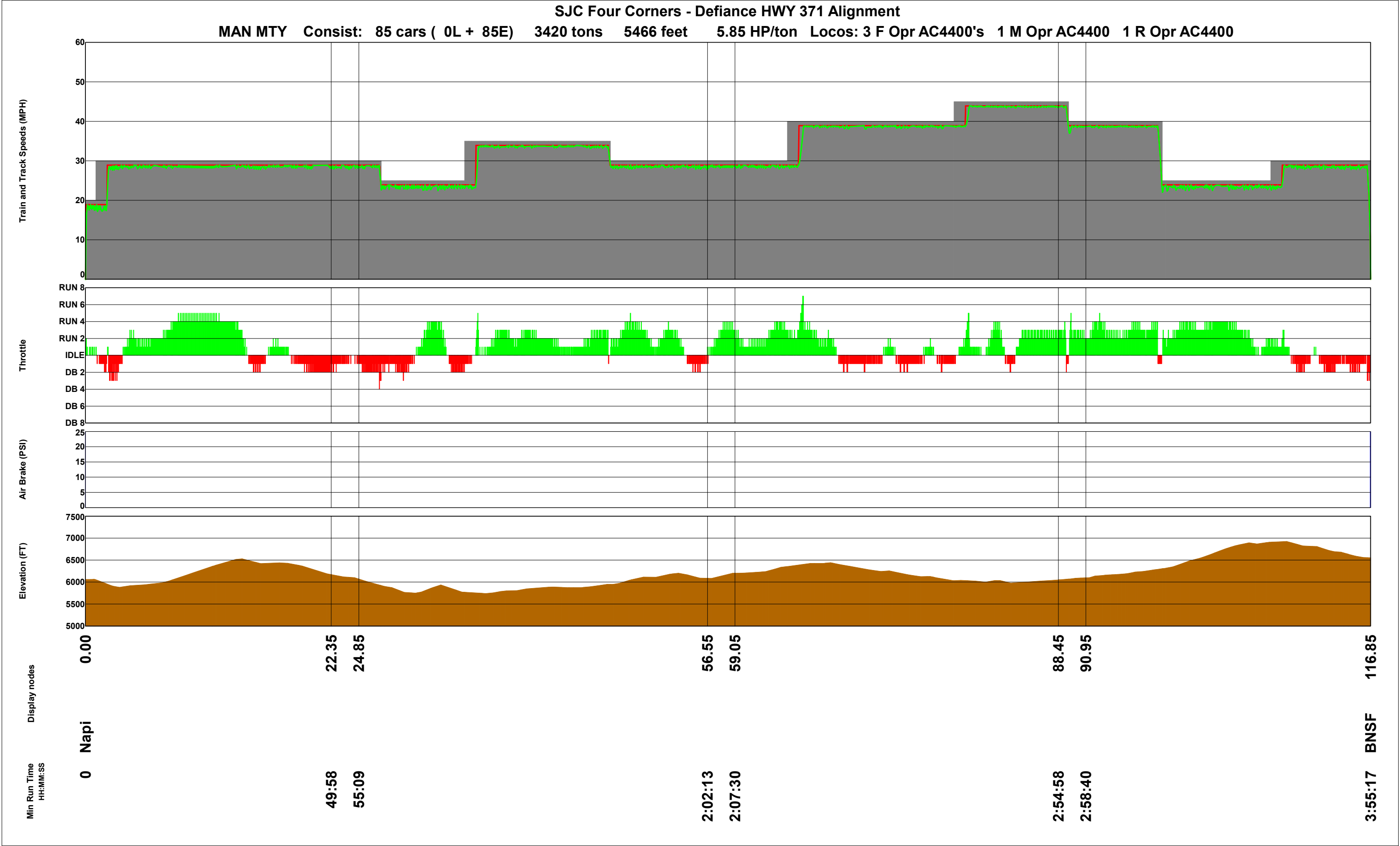


# San Juan County Four Corners Freight Rail Project

APPENDIX A – Train Performance Calculator  
(TPC) Results // Subtask 4.2

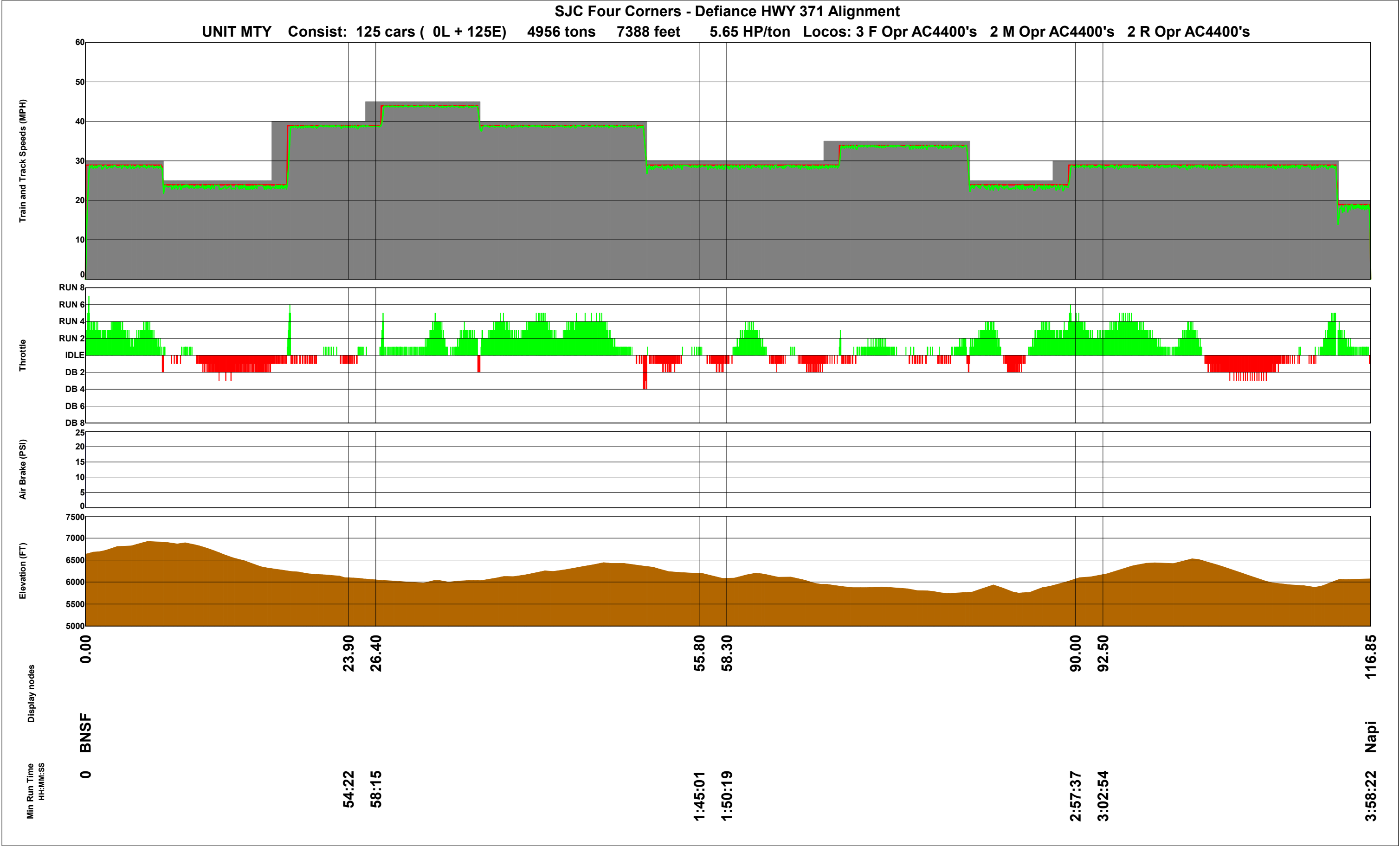
*San Juan County, New Mexico*  
September 13, 2024





|        |          |                     |            |           |             |                         |                |                |
|--------|----------|---------------------|------------|-----------|-------------|-------------------------|----------------|----------------|
| MAN LD | Consist: | 85 cars ( 85L + 0E) | 13195 tons | 5466 feet | 1.52 HP/ton | Locos: 3 F Opr AC4400's | 1 M Opr AC4400 | 1 R Opr AC4400 |
|--------|----------|---------------------|------------|-----------|-------------|-------------------------|----------------|----------------|

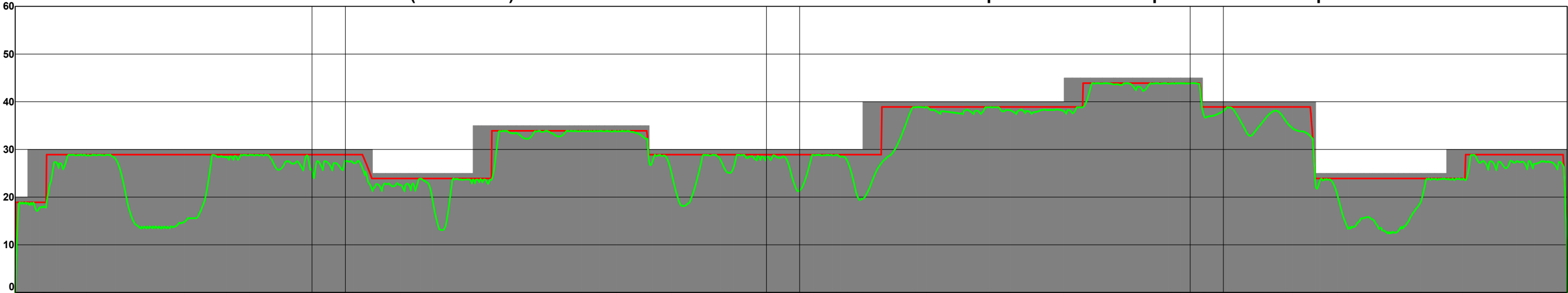




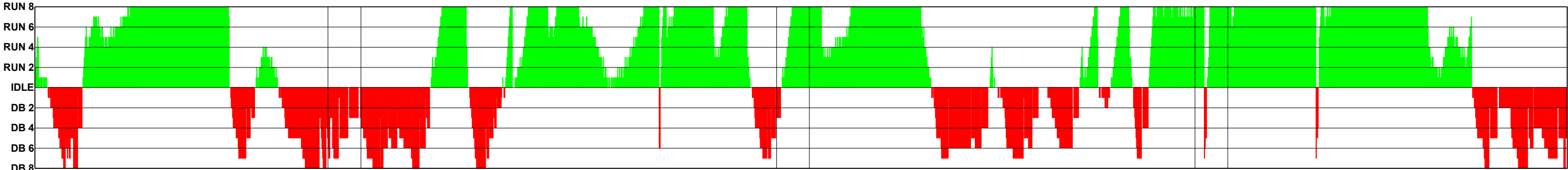
SJC Four Corners - Defiance HWY 371 Alignment

UNIT LD    Consist: 125 cars (125L + 0E)    19331 tons    7388 feet    1.45 HP/ton    Locos: 3 F Opr AC4400's    2 M Opr AC4400's    2 R Opr AC4400's

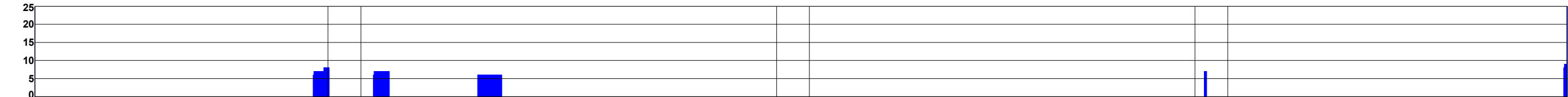
Train and Track Speeds (MPH)



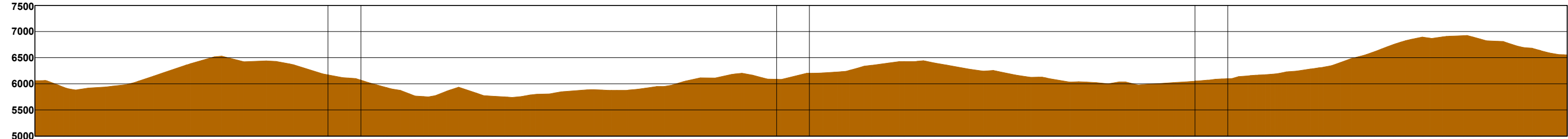
Throttle



Air Brake (PSI)



Elevation (FT)



Display nodes

0:00    22:35    24:85    56:55    59:05    88:45    90:95    116:85

Min Run Time  
HH:MM:SS

0    Napi    1:04:14    1:09:49    2:22:11    2:27:54    3:18:25    3:22:11    4:30:34    BNSF

