

NORFOLK SOUTHERN'S EASTERN APPROACH TO THE ALLEGHENY DIVIDE

(MAP NOT TO SCALE)

2
3
7 = MP 237

DD = TRACKSIDE DETECTOR

SCANNER INFORMATION:

ROAD CHANNEL 1 - 160.800
ROAD CHANNEL 2 - 161.070
YARD 1 - 160.980
YARD 2 - 160.995
MOW 1 - 161.430
MOW 2 - 161.055

TUNNELS INFO:
ALLEGHENY TUNNEL, TRKS 2 & 3
3,612' LONG, ELEV. 2,161'

NEW PORTAGE TUNNEL, TRACK 1
1,629' LONG, ELEV. 2,191'

GRADE INFO:
TRKS 1,2,& 3, ALTOONA - SLOPE = .51%
TRKS 1,2,& 3, SLOPE - HORSESHOE CURVE = 1.74%
TRKS 1,2,& 3, - HORSESHOE CURVE = 1.45%
TRACKS 2 & 3, HORSESHOE CURVE TO GALLITZIN = 1.86%

THE "SLIDE" - TRACK 1
EB NEW PORTAGE TUNNEL - BENNY
2.46% MAXIMUM SPEED ALLOWED = 12MPH



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