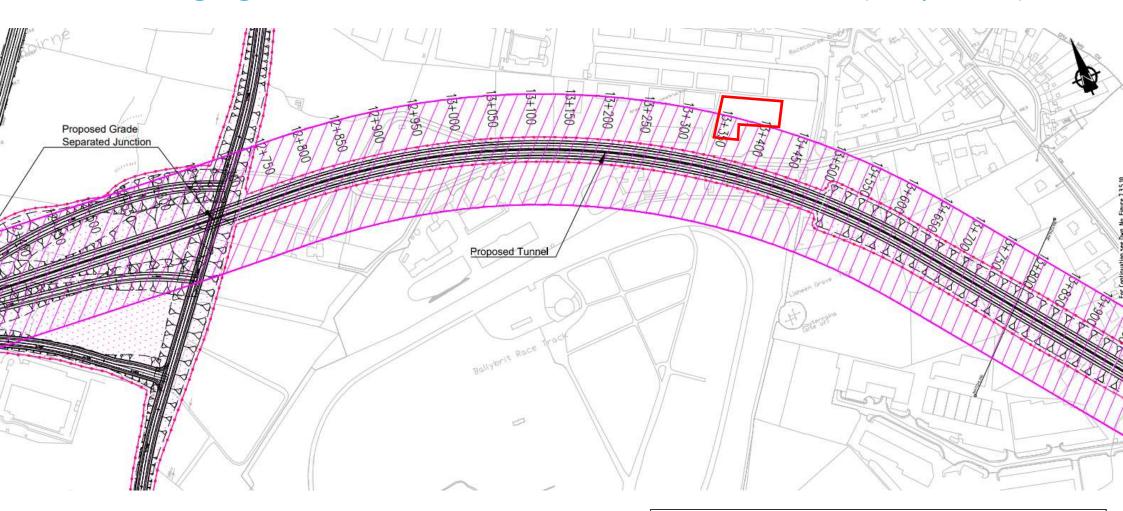
Overview



Emerging Preferred Route with 850 meters Tunnel (May 2015)



Extract from Figure 7.3.5.9 of the Route Selection Report (Appendix A.2.1. of the RFI Response

Design Development – Galway Racecourse Tunnel

- Reduced construction costs
- Reduced operation and maintenance costs
- No mechanical tunnel ventilation system required
- Significant reduction in carbon footprint due to shorter tunnel and reduced maintenance requirements
- It has been observed that there is a higher rate of accidents at tunnel portal locations. The redesign removes the conflict of the eastbound merge and westbound diverge with the western tunnel portal
- Reduced interface with Galway Racecourse operations, most notably during construction

Extract from Section 4.8.8 of Chapter 4, Alternatives Considered, of the EIAR – p.166

Consequences of Shortening the Tunnel and Realigning it North

- The demolition of four industrial unfinished buildings (Plot ref. 708)
- The demolition of one industrial unfinished building (Plot ref. 711)
- The demolition of the buildings on Plot 713 and in which Brooks is the tenant and the permanent acquisition of that site.

Design Development –Shortened to 230 meters & Realignment north (September 2016)

