Appendix A26.1
ESB Networks – Substation Connections

NETWORKS

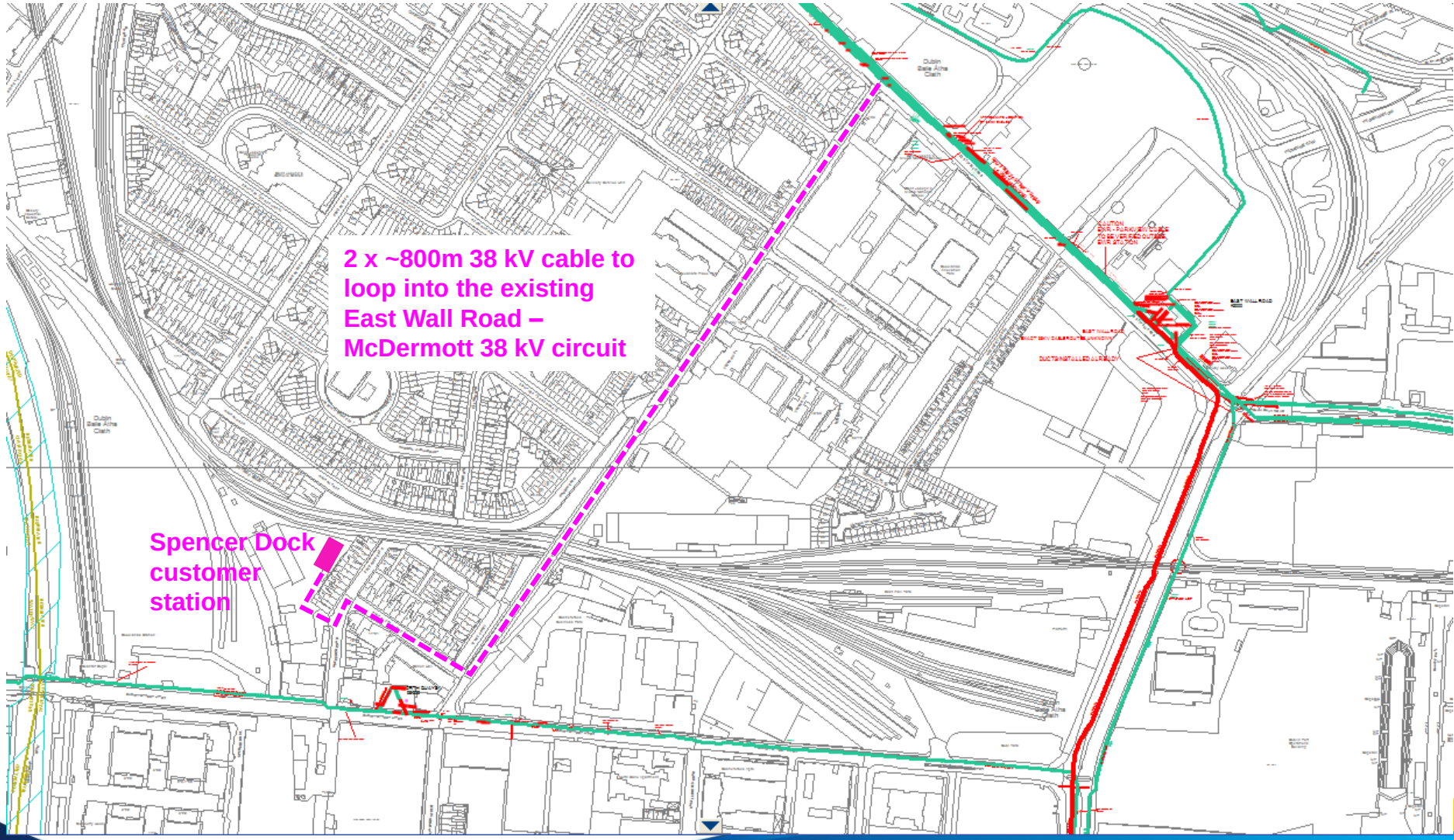
Connection Method Info for DART+ West stations

10th May 2022

Connection methods

- The following information shows 38 kV connection methods based on desk top analysis of routes.
- These routes are the emerging preferred options – further detailed design is required to determine the feasibility of these routes. The routes, as set out in this document, may be subject to change.
- The site location of the new 110/38 kV station is the emerging preferred option and may be subject to change.
- Only under ground cable options are shown in the following connection methods. Irish Rail have confirmed that under ground cable is their preference.

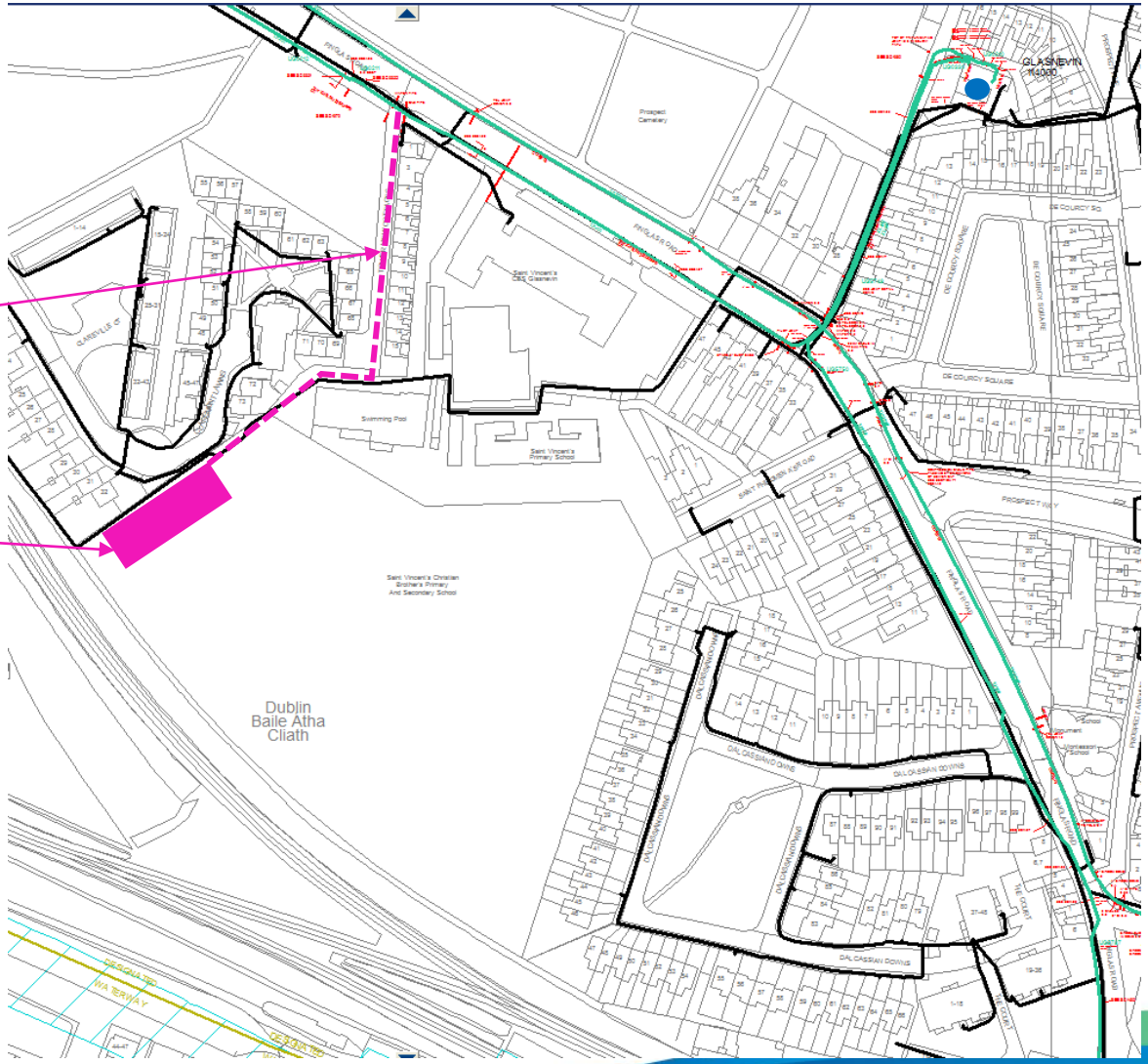
Spencer Dock rail station connection



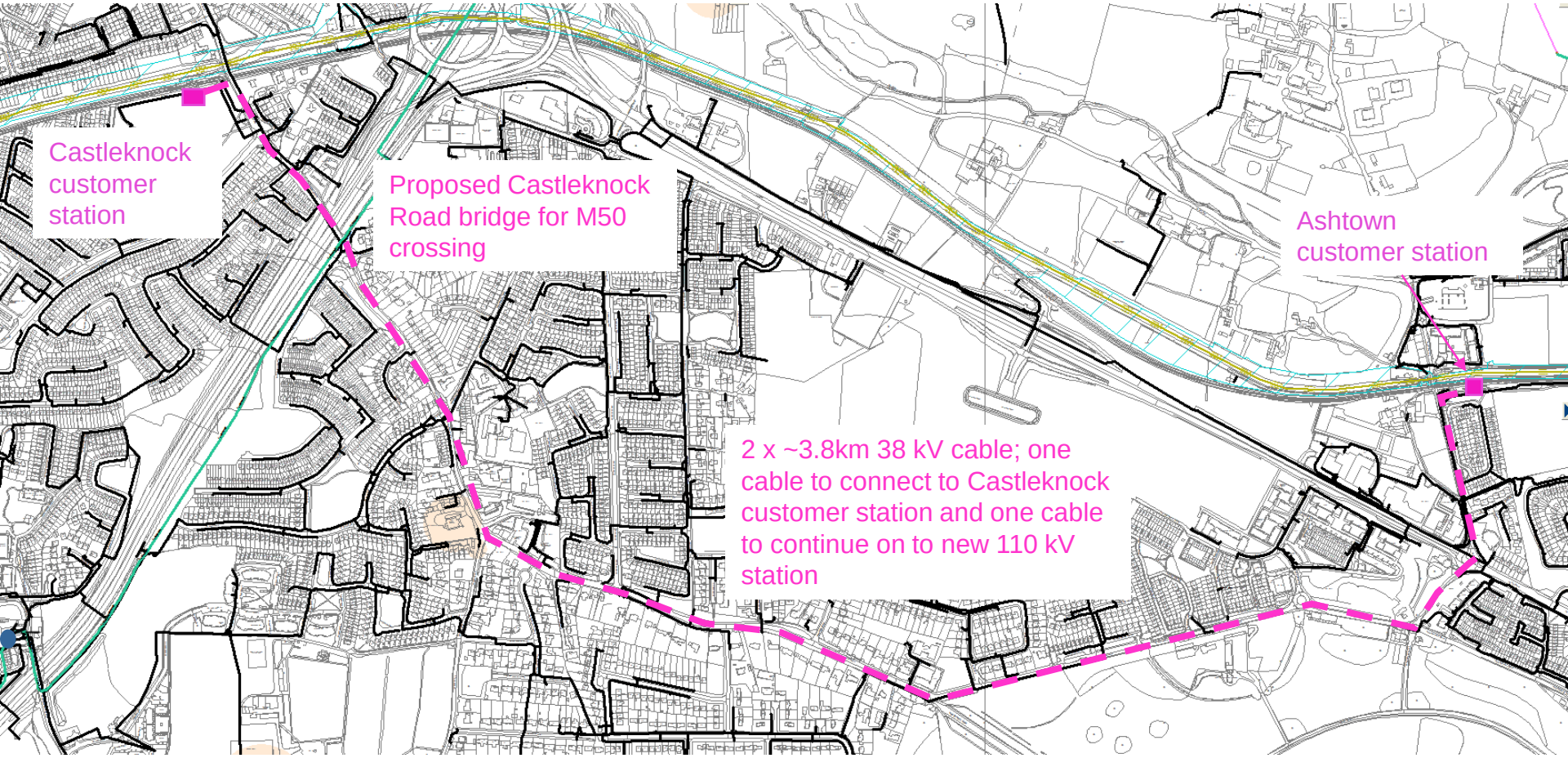
Glasnevin rail station connection

2x ~180m 38 kV cable to loop into the existing Glasnevin – Merville 38 kV cable

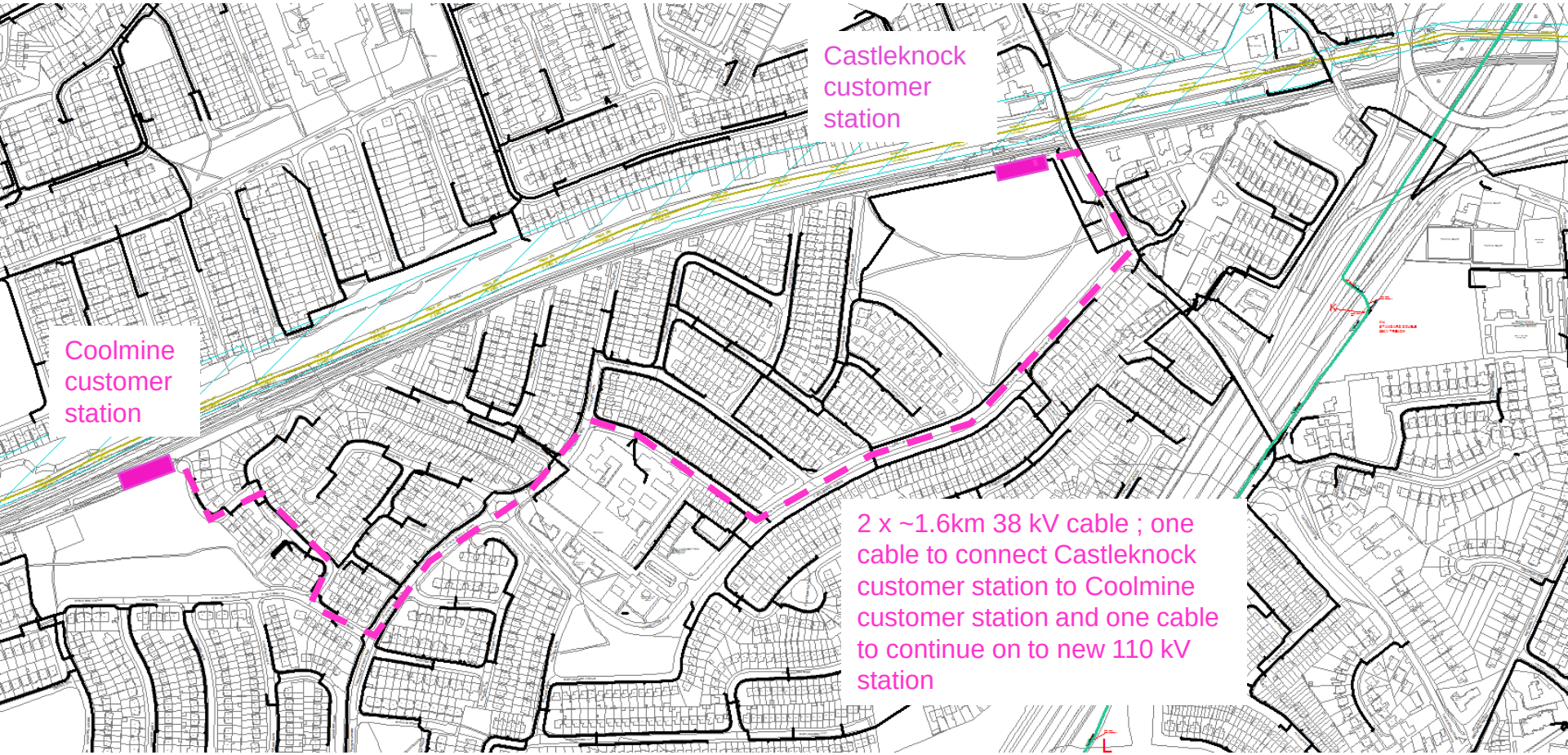
Glasnevin customer station



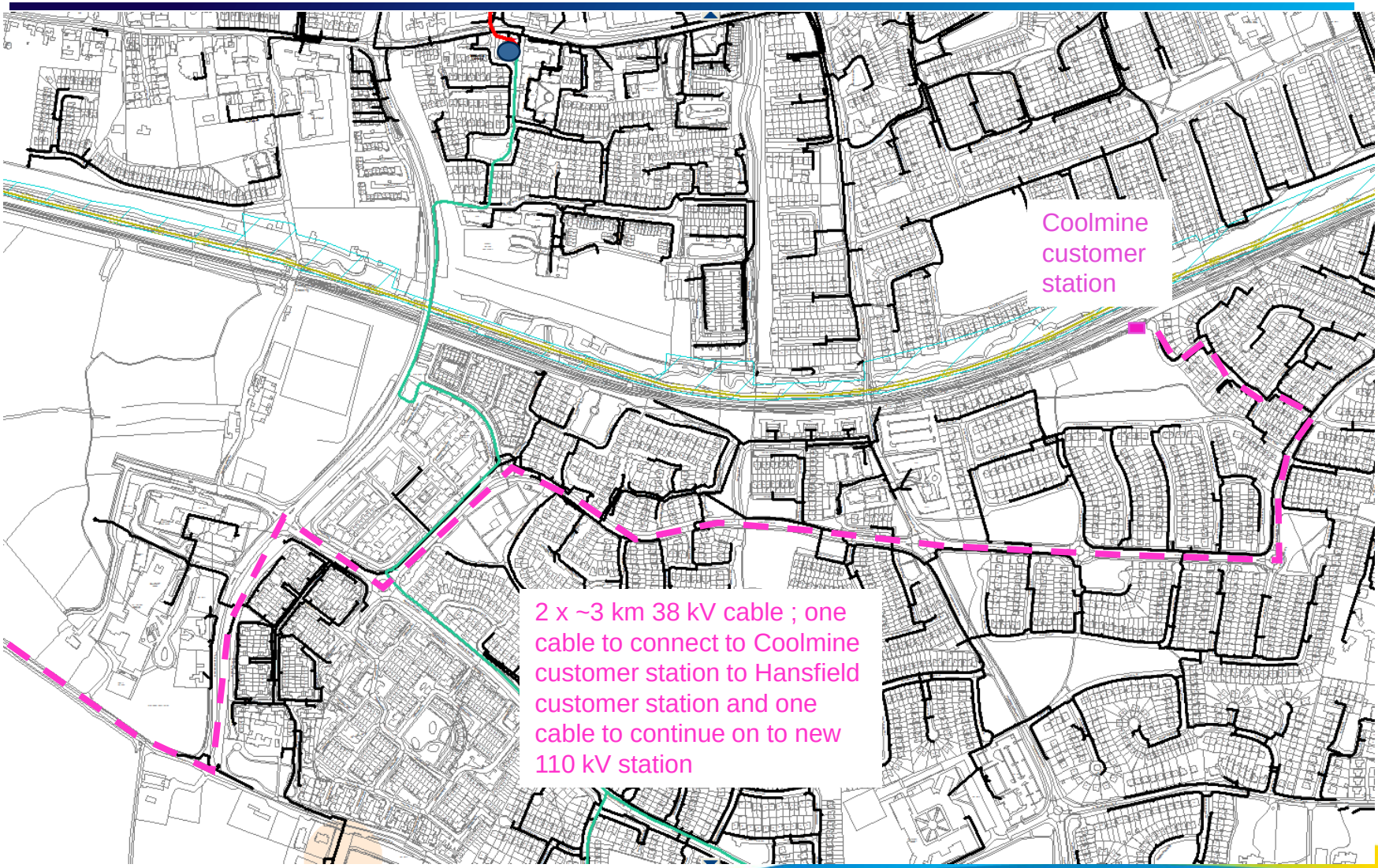
Ashtown rail station connection



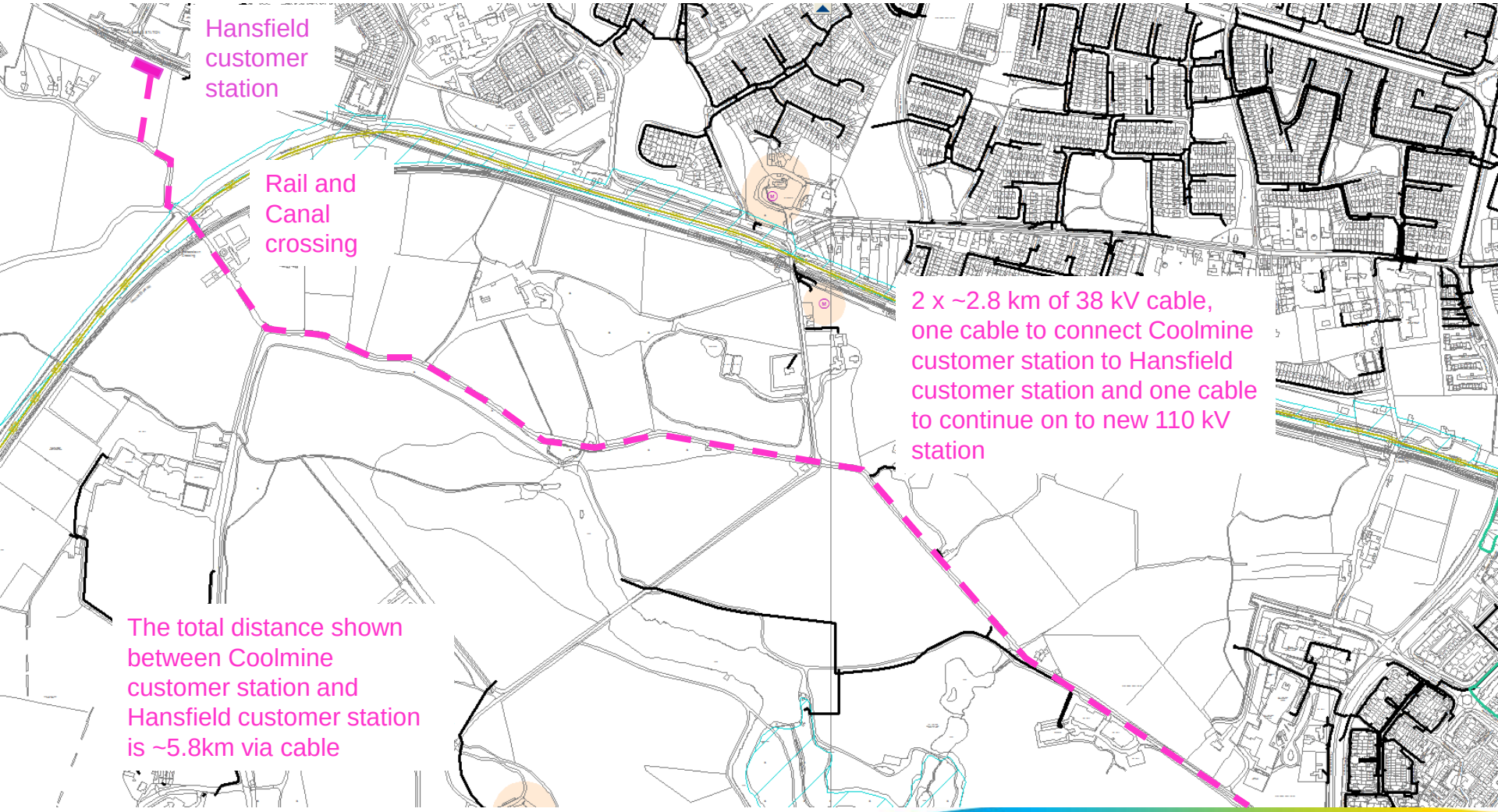
Castleknock rail station connection



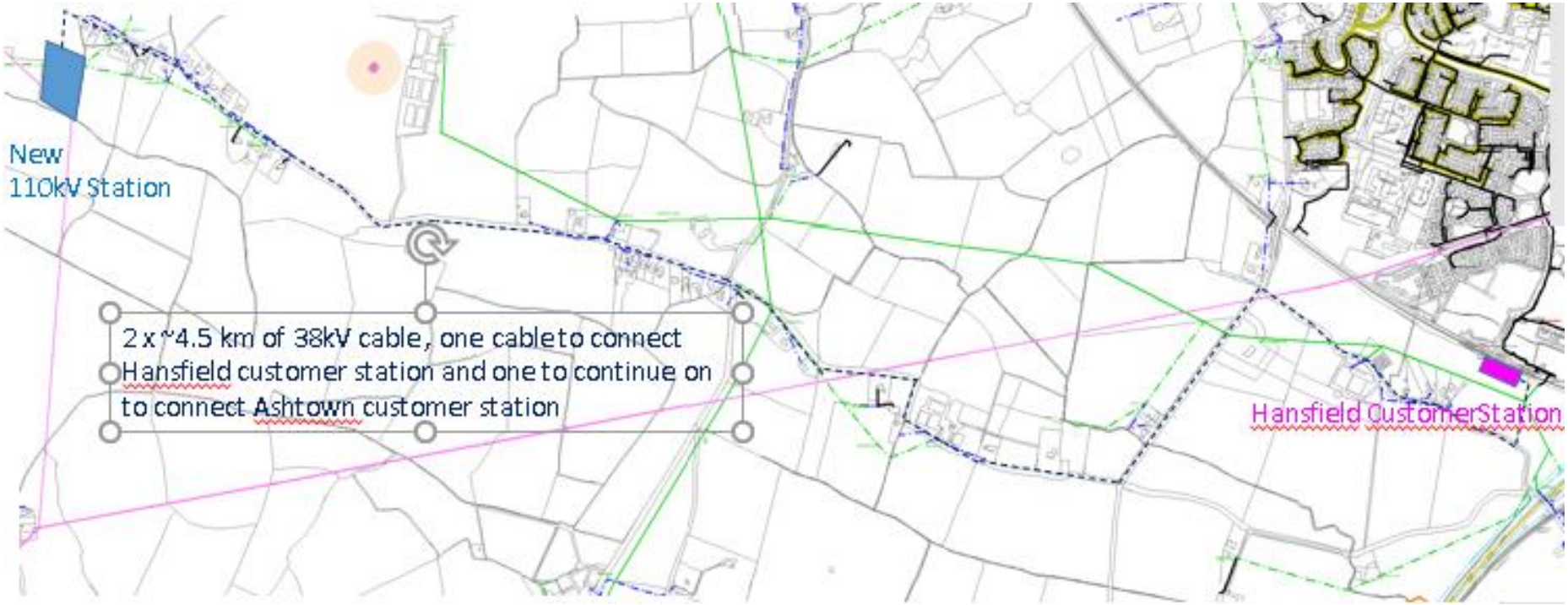
Coolmine rail station connection (part 1)



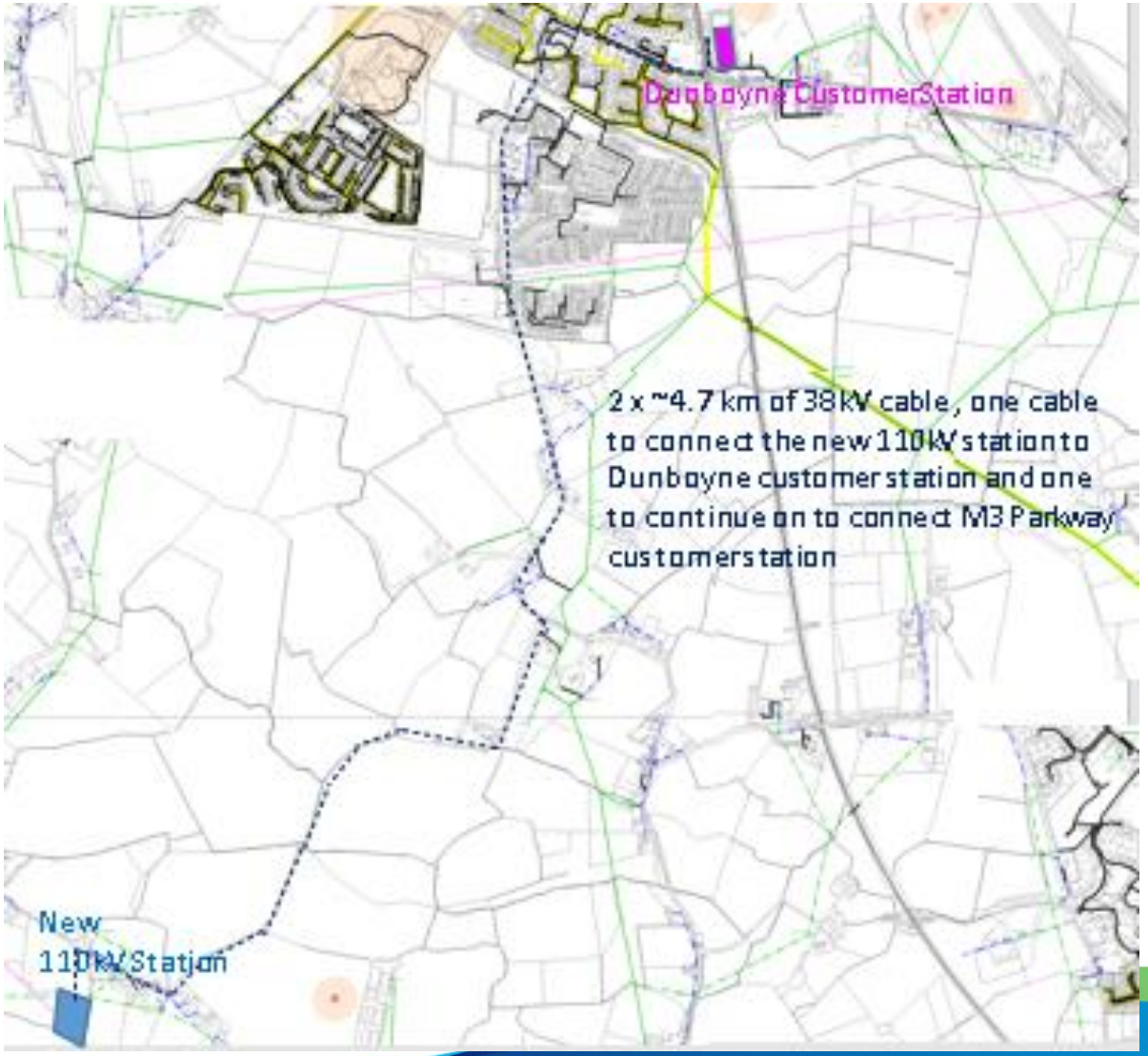
Coolmine rail station connection (part 2)



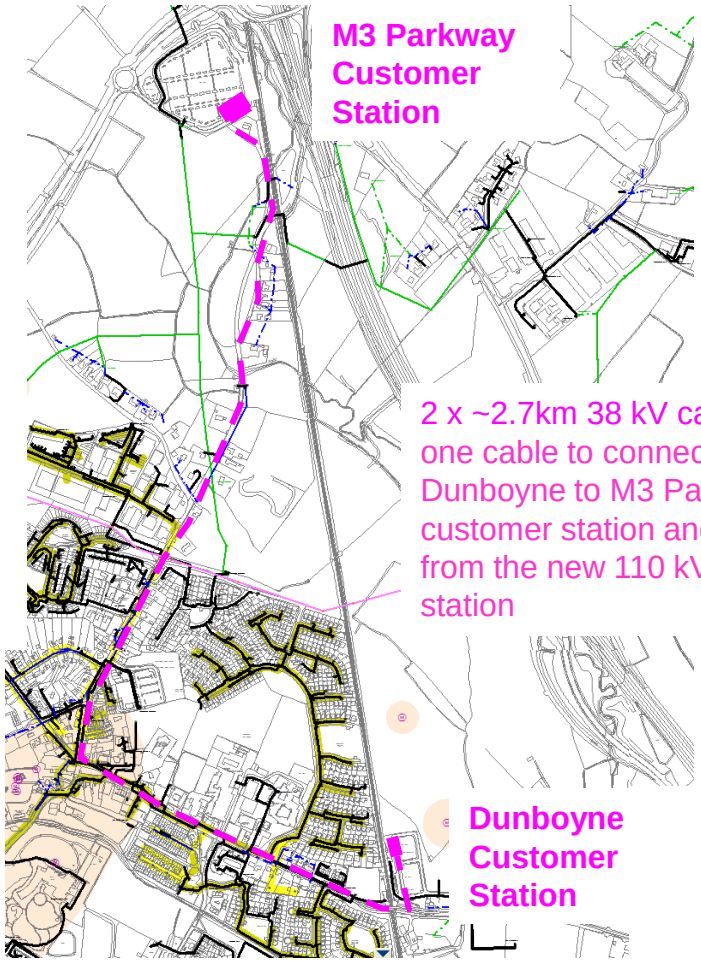
Hansfield rail station connection



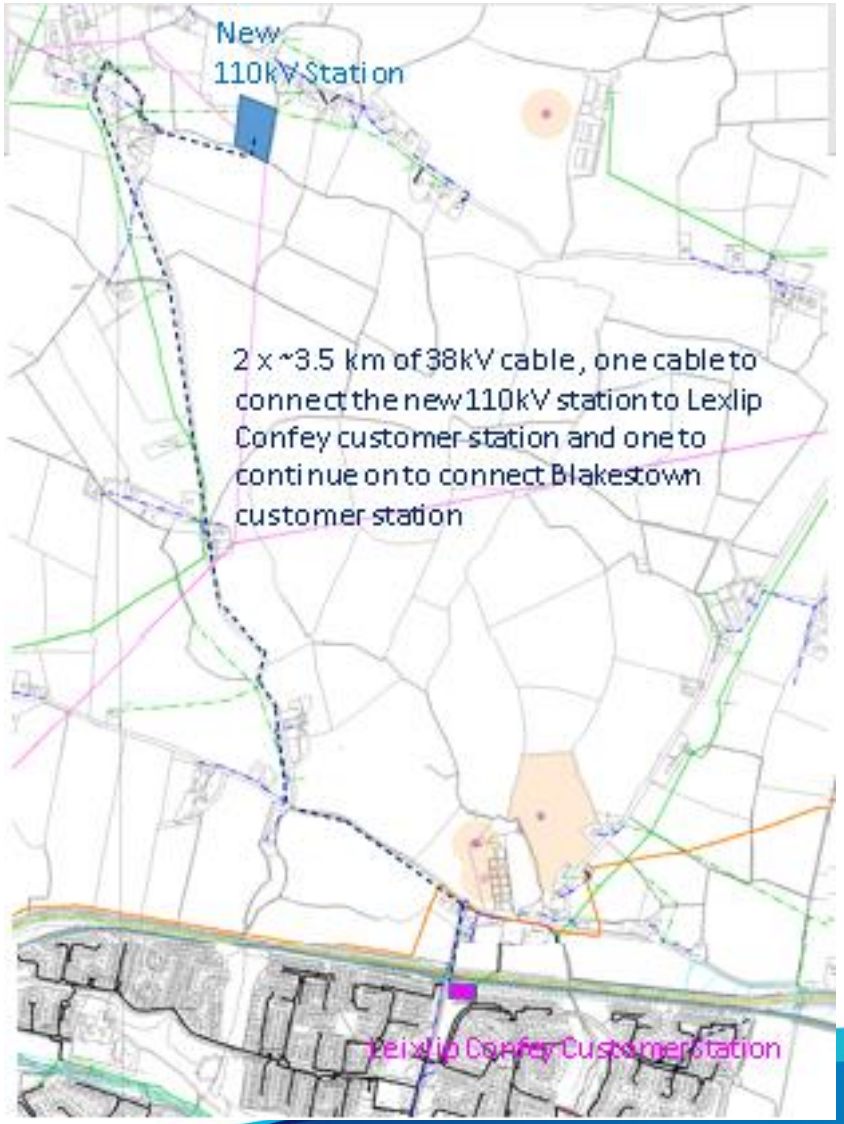
Dunboyne rail station connection



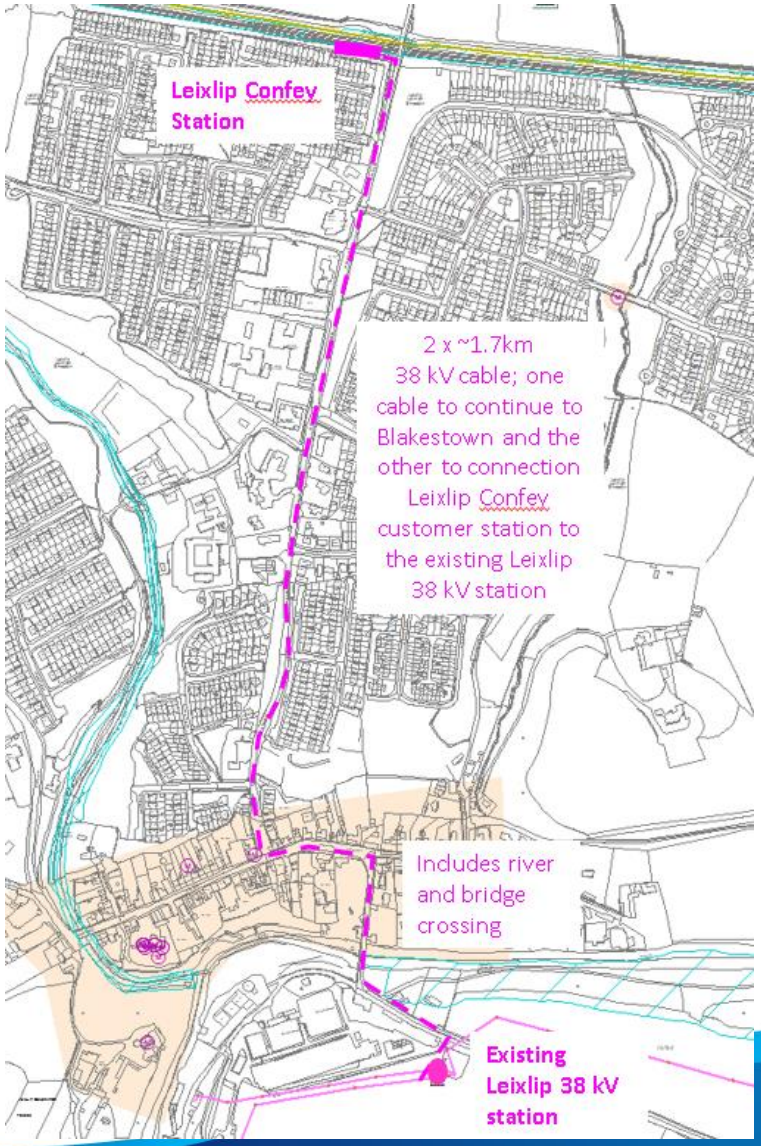
M3 Parkway rail station connection



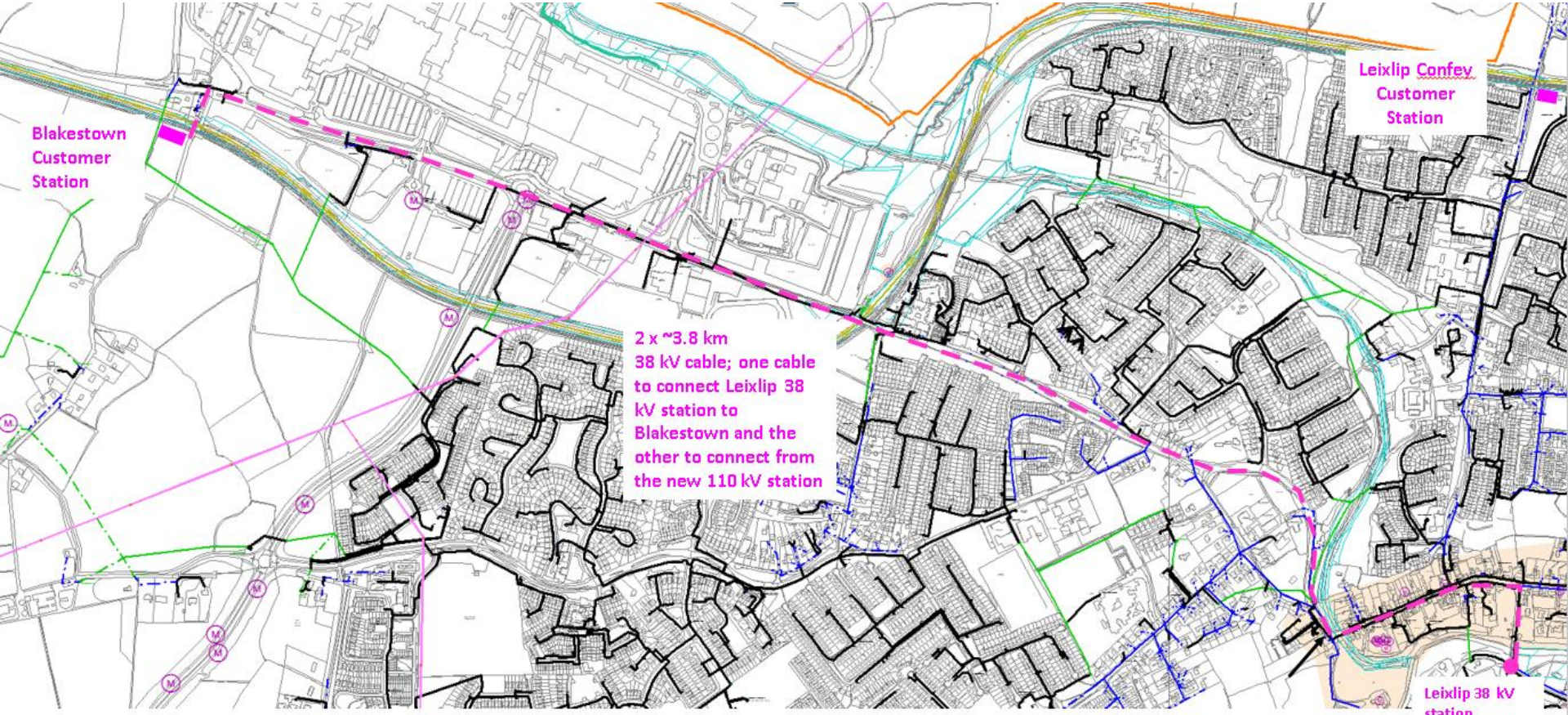
Leixlip Confey rail station connection



Leixlip Confey to Blakestown rail station connection via Leixlip 38 kV existing station

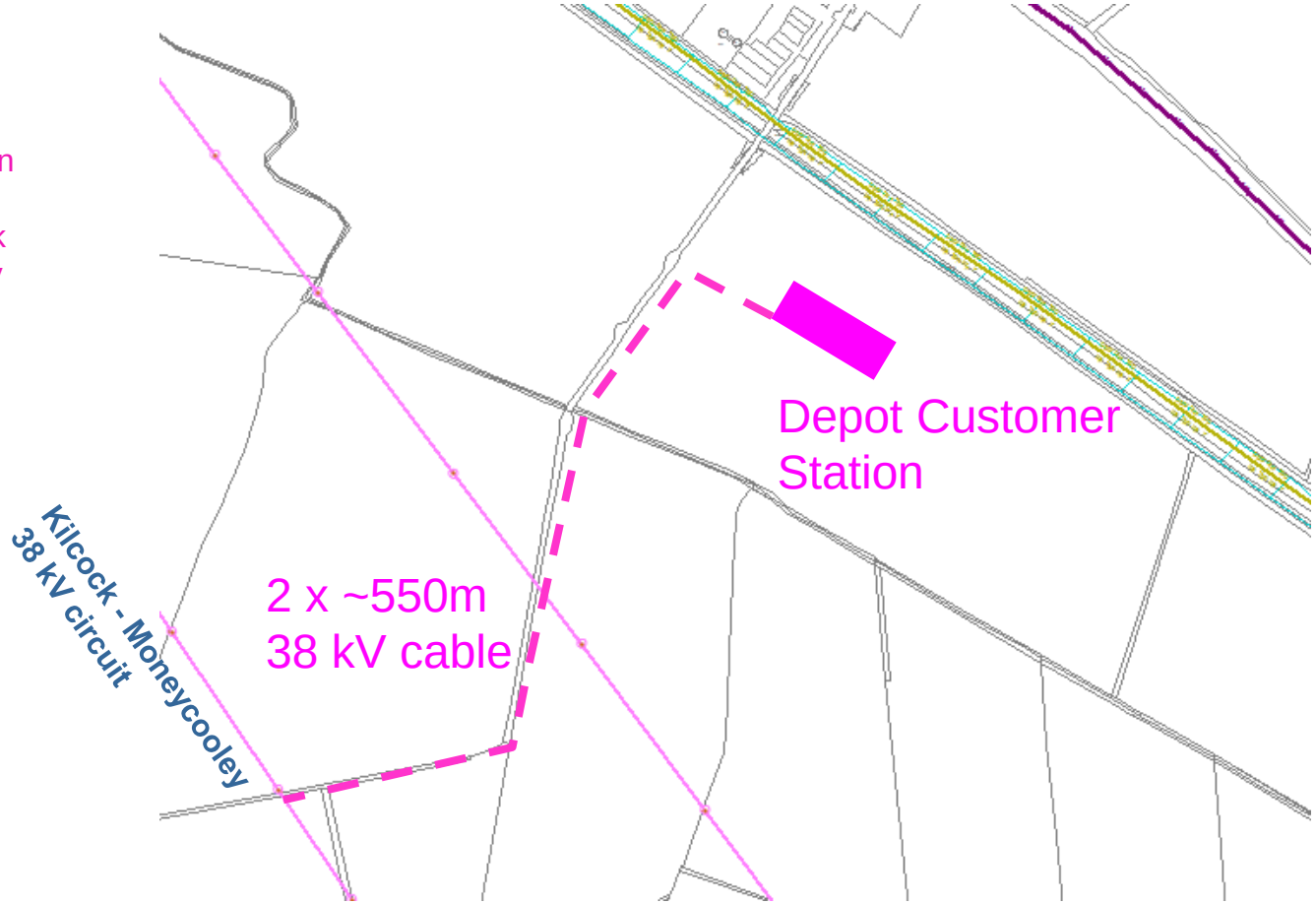


Blakestown rail station connection via Leixlip 38 kV existing station



Depot rail station connection

Depot IE station to loop intothe existing Kilcock – Moneycooley 38 kV circuit



Maynooth rail station connection