



Huyton & Roby  
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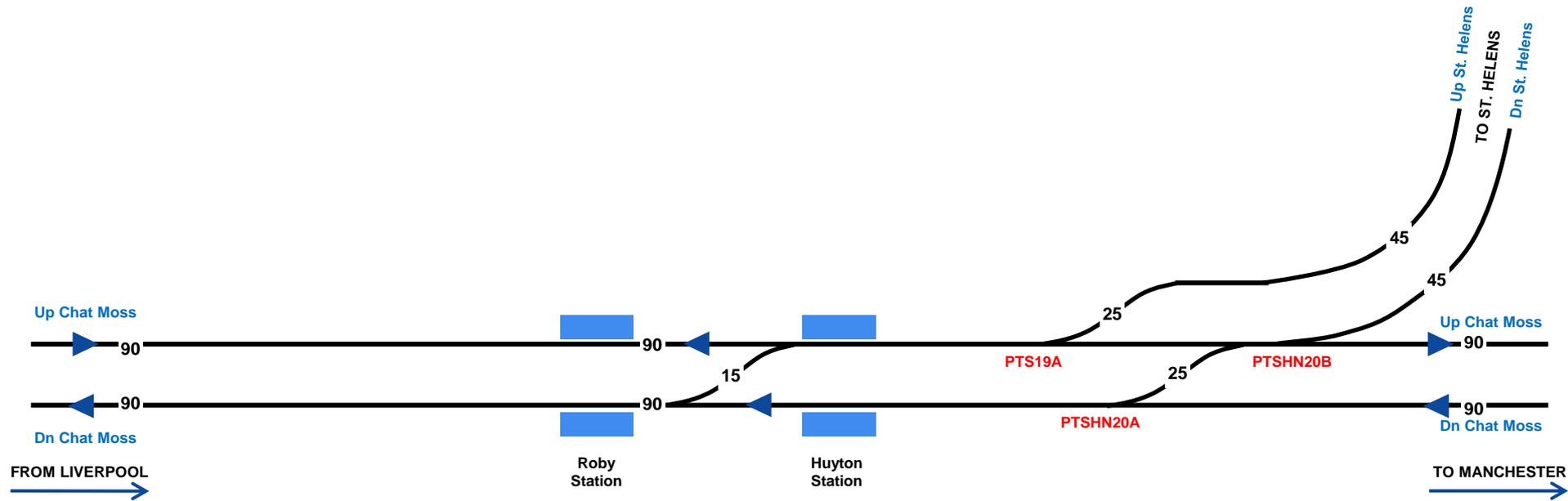


# Huyton & Roby 9 Day Blockade

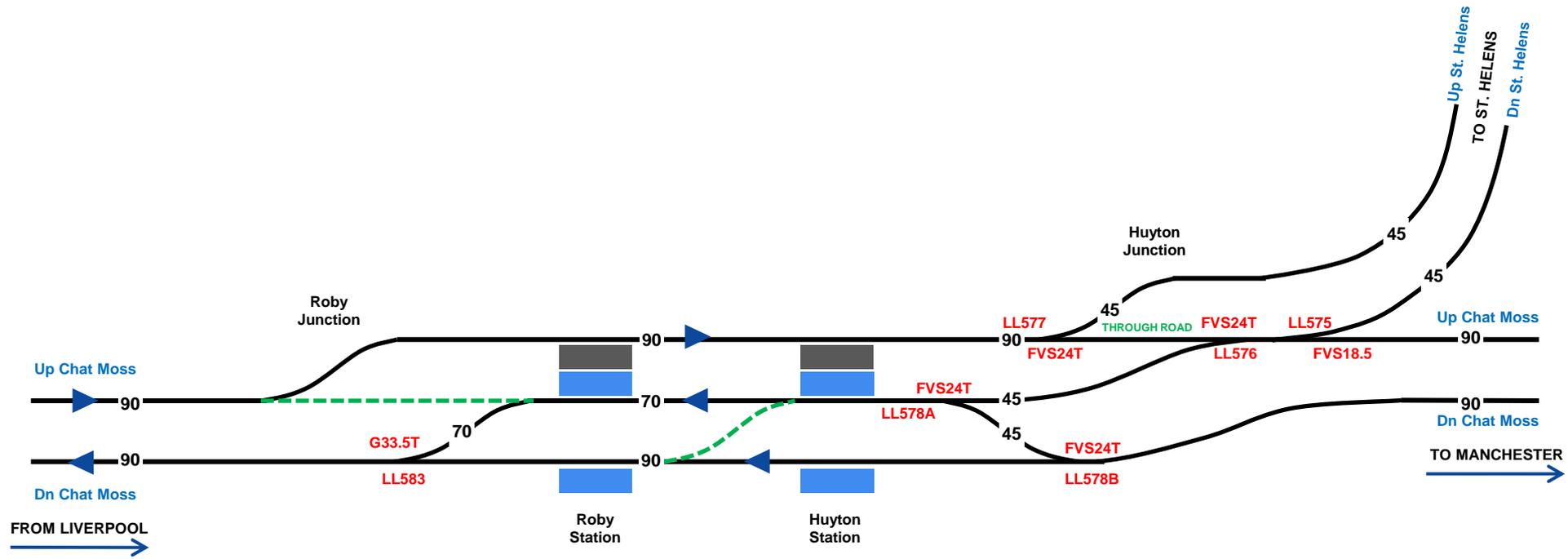
- First project to be delivered by Northern Hub with the inclusion of the S&C North Alliance.
- Successful integration of various disciplines including S&C, Signalling, Civil's, OHLE and Telecoms.
- 1 Minor accident over 9 days continuous work involving track renewals where an operator need eye wash to remove dirt from eye.
- S&C North Alliance delivered 6 point ends including the full remodel of Huyton & Roby Junctions, resulting in improved line speed and capacity improvements.
- 1540m of plain line track renewals delivered.
- S&C used a combination of installation methods including traditional PEM /LEMS, 250 Kirow standard single lifts, & 250 Kirow tandem lifts.
- First time in the UK that the new Maxi road railer with 3T excavation Bucket and the 8 leg hydraulic sleeper beam was used.
- Possession taken and given back on time with no associated train delays.
- First use of MyZone in the UK to prevent S&C Points Run through which improved operator awareness.
- Integrated the Crewe S&C readiness reviews process with all parties in order to be more transparent and open with information and risks to our customers



# Existing Speed Diagram



# Proposed Speed Diagram



# Huyton & Roby 9 Day Blockade



Huyton Junction Remodel



Huyton Platform Works

# Huyton & Roby 9 Day Blockade



AP Webb Rail Max in operation with 3 Tonne excavation bucket



Multiple machines in operation during excavation works