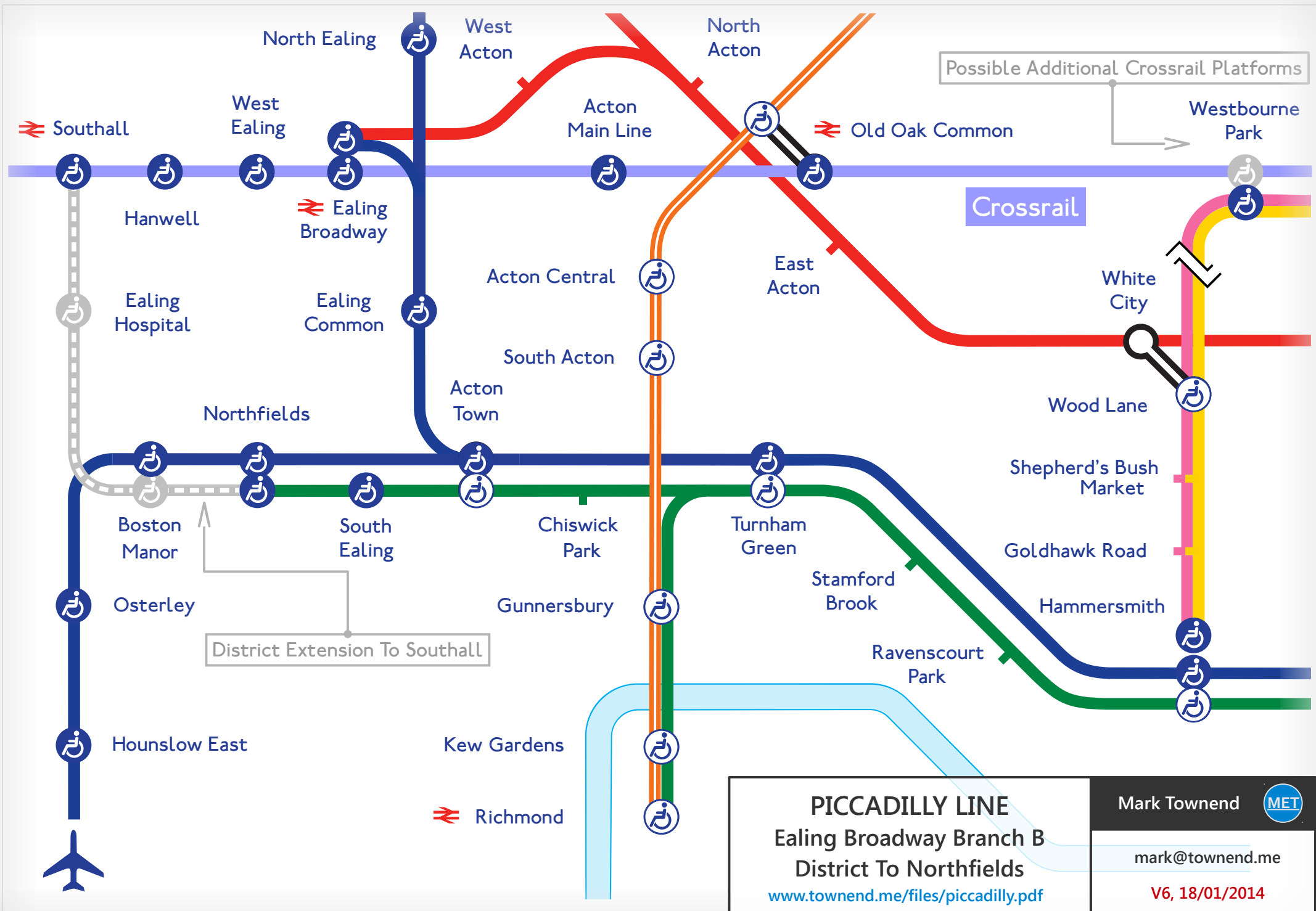


Possible Additional Crossrail Platforms

Crossrail

<p>PICCADILLY LINE Ealing Broadway Branch A All District To Richmond www.townend.me/files/piccadilly.pdf</p>	<p>Mark Townend </p>
	<p>mark@townend.me</p>
	<p>V6, 18/01/2014</p>



PICCADILLY LINE
 Ealing Broadway Branch B
 District To Northfields
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Mark Townend 
 mark@townend.me
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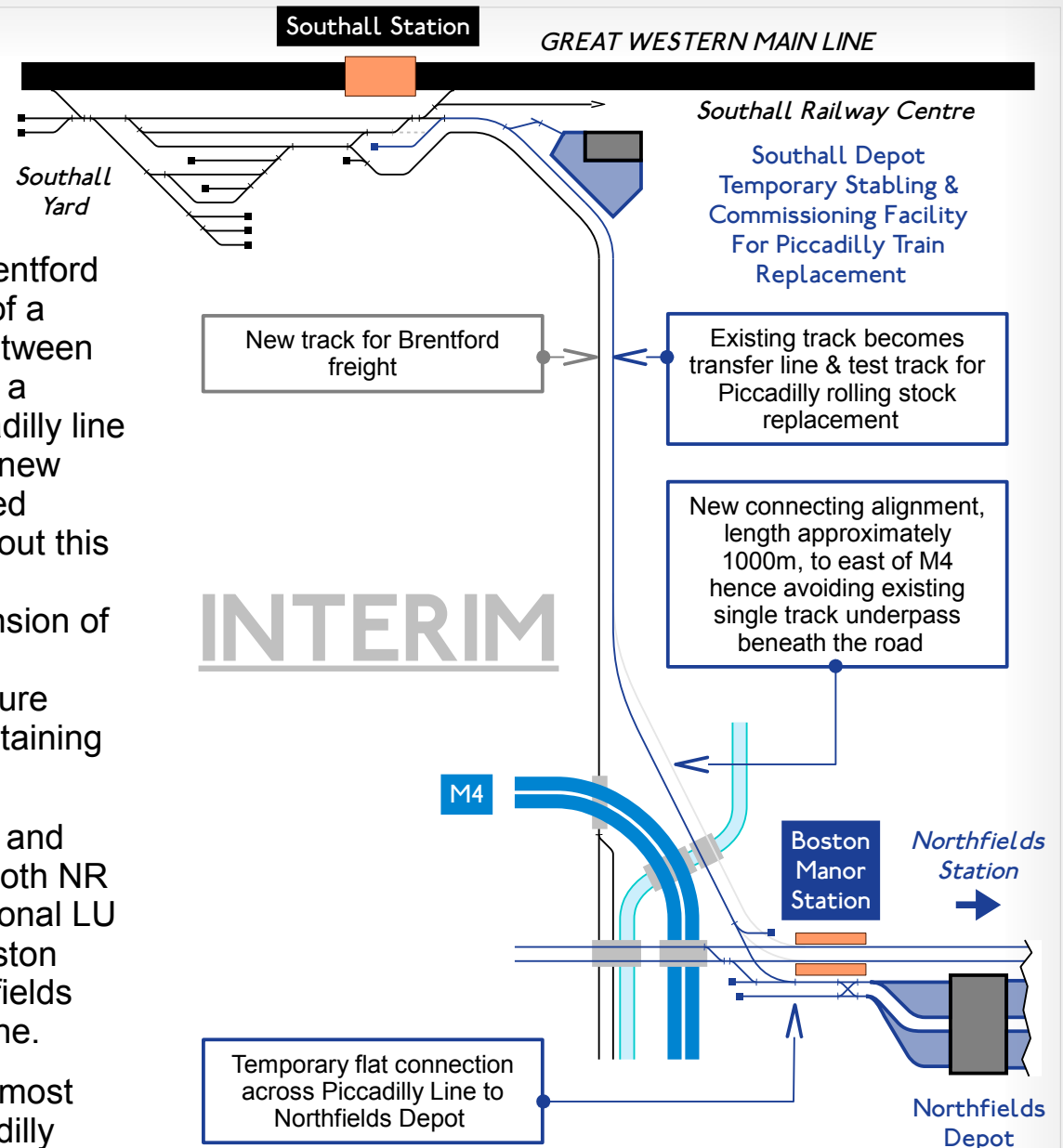
Boston Manor To Southall:

A District Line Extension Used At First For Piccadilly Train Replacement

With a new connection between the Piccadilly Line and Brentford branch alignments near Boston Manor and reinstatement of a second branch track, the NR yard and a triangle of land between the Southall Railway Centre and the branch might become a useful stock delivery and commissioning site for new Piccadilly line trains, offering additional stabling space for both incoming new and outgoing scrap vehicles whilst a larger than usual mixed transitional fleet has to be accommodated. Having carried out this important rôle during the Piccadilly project, the new track connection and depot site might then offer a low cost extension of the District Line through Northfields to Southall, whilst also retaining the strategic main line connection, suitable for future transfers of both tube and sub-surface rolling stock, and retaining access for NR freight operations around Brentford.

Whilst there are existing physical connections between LU and the national network, these are complex operationally for both NR and LU, requiring significant haulage distance over operational LU track and multiple reversals. By contrast the Southall – Boston Manor link could transfer trains directly in and out of Northfields depot with only a simple flat crossing over the Piccadilly Line.

Southall yard has excellent direct main line connectivity to most parts of the UK. During commissioning activity for the Piccadilly trains the two tracks of the branch would operate independently, one as a dedicated freight line and the other as a combined transfer connection and test track.



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Boston Manor To Southall:

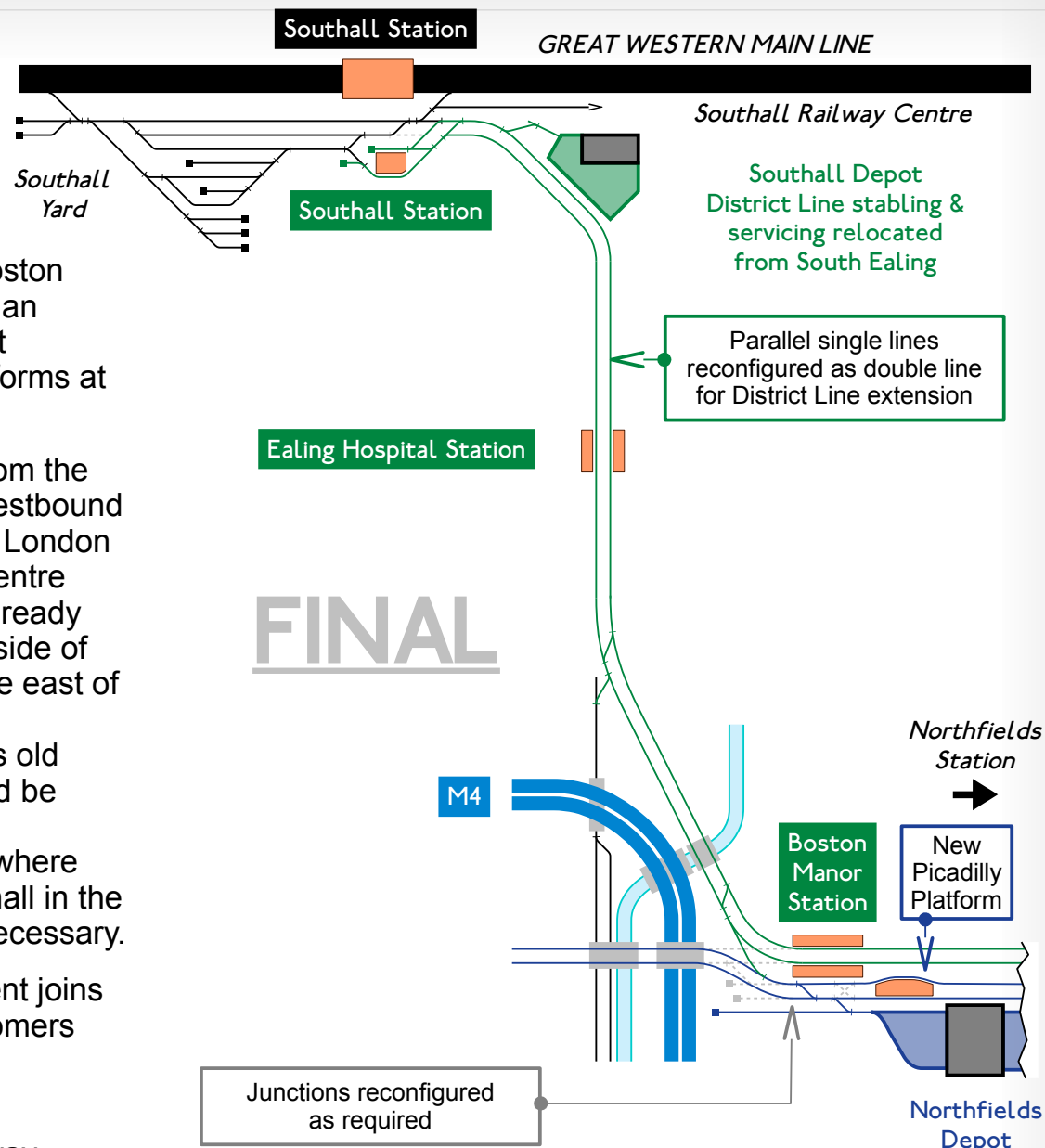
A District Line Extension Used At First For Piccadilly Train Replacement

Following completion of Piccadilly Line train replacement the Boston Manor to Southall link could be reconfigured to a double line as an extension of the District Line. New stations would be provided at Southall and Windmill Bridge / Ealing Hospital and existing platforms at Boston Manor adapted for the higher floor District trains.

The extended District would use the existing Piccadilly tracks from the outer platforms at Northfields and through Boston Manor, the westbound using the existing dive-under at Northfields to pass beneath the London end depot access. New Piccadilly tracks would head from the centre platforms at Northfields, over a short new flyover crossing the already sunken westbound District. It would continue through the north side of the depot yard with a new island platform at Boston Manor to the east of the road bridge, then pass through the west end reception and headshunt area alongside existing platforms before regaining its old alignment over the M4 bridge. The northernmost 5 sidings would be removed to make room in the yard with the shed altered to suit. Displaced Piccadilly trains would be relocated to South Ealing, where the District activity would be scaled back and relocated to Southall in the former commissioning shed and sidings, further expanded as necessary.

Connections at Southall and where the new connection alignment joins the existing branch would be retained for freight access to customers near Brentford, as well as future LU stock transfers.

An extension to Southall might seem to partly duplicate existing connectivity between GWML/Crossrail and LU at Ealing Broadway, However it could help to spread the 'connectional load' creating more capacity at the inner end of Crossrail as well as provide some useful new direct journey opportunities. Moreover, the new depot facility would allow South Ealing to become a Piccadilly depot serving both that line's Uxbridge and Ealing Broadway branches.



PICCADILLY LINE
Ealing Broadway Branch C
District To Southall (2)
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Mark Townend 


mark@townend.me

V6, 18/01/2014



**Northfields
Station**

Northfields Depot


<p>PICCADILLY LINE Ealing Broadway Branch C District To Southall (3) www.townend.me/files/piccadilly.pdf</p>	<p>Mark Townend </p> <p>mark@townend.me</p> <p>V6, 18/01/2014</p>
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New Piccadilly Platform

Boston Manor
Station

PICCADILLY LINE
Ealing Broadway Branch C
District To Southall (4)
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Mark Townend 

mark@townend.me
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