

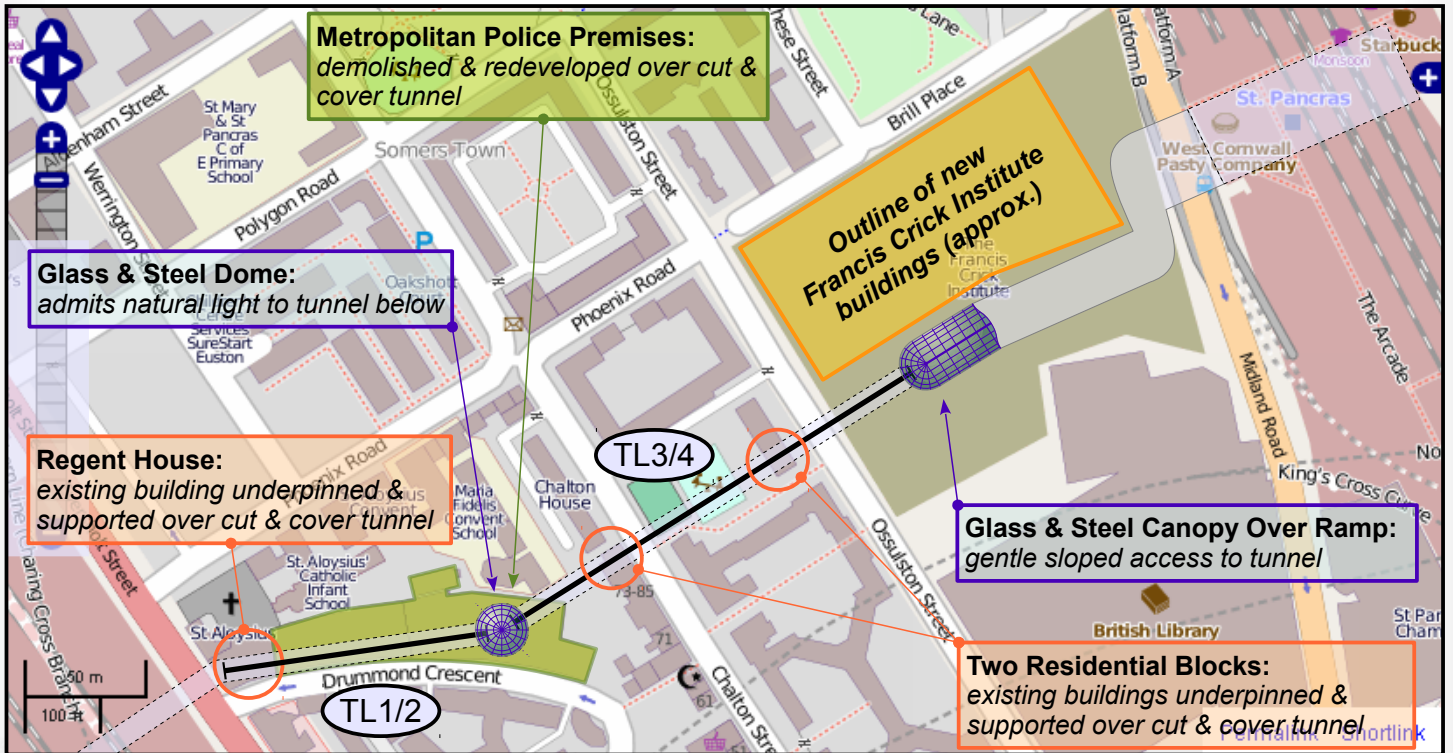
Euston to St. Pancras & Kings Cross

A proposal to improve interchange between train services at the various terminals by building a dedicated pedestrian walkway, largely grade separated from local road traffic

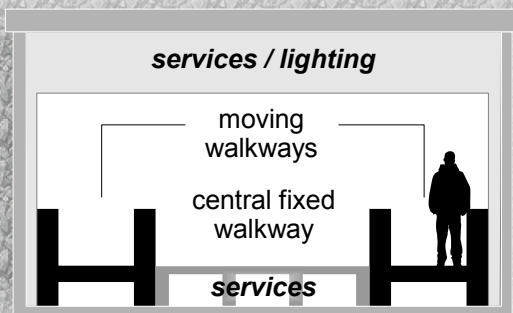
An alternative to previous proposals for an elevated transit shuttle over existing streets, this scheme provides a shallow cut & cover tunnel housing twin travelators flanking a central fixed walkway.

Instead of following street patterns, the tunnel takes a new alignment partly under the Metropolitan Police premises alongside Drummond Crescent, which would be redeveloped above for educational use as proposed in the Euston Area Plan. Elsewhere, the tunnel passes under three other buildings of various ages & crosses three roads, but otherwise is covered by open squares, playgrounds and paths etc. Solutions for the existing buildings might include demolition & redevelopment, or underpinning support for the existing structures, noting that new supporting pillars could be designed passing through the tunnel profile within reason as long as they are clear of the travelator machinery. The two residential blocks affected, alongside Chalton St. and Ossulston St are some of the smaller in the immediate area, as is Regent House, nearest Euston station. At the St Pancras end, the tunnel surfaces via a gentle ramp in the new public square created as part of the Francis Crick Institute development, immediately opposite the station entrance across Midland Road. Kings Cross is accessible on the level by walking through the St Pancras domestic concourse, across Pancras Road then entering the new main concourse from the western side.

A high level alternative broadly following the same route may suite the Euston station development better, but would have greater impact on surrounding structures and significant visual impact.



map data from openstreetmap.org



TL1 TL2
Cut & Cover Tunnel - Typical Cross Section

TL1/2 Travelators 1 & 2 : approx 120 m

TL3/4 Travelators 3 & 4 : approx 180 m

See Also: www.townend.me/files/north-passage.pdf

