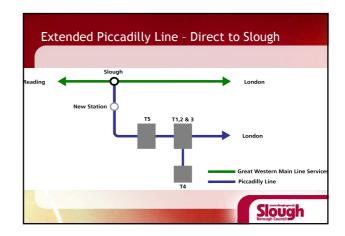


Re-engineered Airport Junction Construction of 1.4 km of new line Construction methodology complex Significant property take Estimated Cost £460 Million



Extended Piccadilly Line - Direct to Slough

- Tube extension of Piccadilly line through T5
- Small operating surplus, but excludes GWML revenue loss from extra stops & LUL gain from through journeys
- Serves Terminals 1,2,3 & 5 direct
- 6tph via T5 (currently 6tph terminate at T4)
- Potential for a new station
- 6 mins journey time (no stops)

Slough

Extended Piccadilly Line - Direct to Slough

- Construction of 8.8 km of new line nearly all in tunnel
- Multiple intervention shafts required (land implications)
- Slough station construction in congested area
- Estimated Capital Cost £ 1,190 million

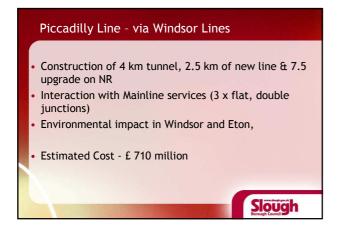
Slough

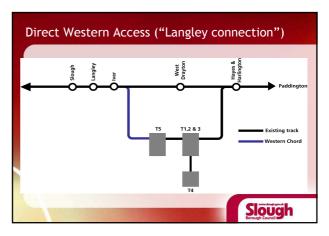
Piccadilly Line - via Windsor Lines Reading Siough London Windsor & Flore Riverside Ficcadilly Line South West Trains Line South Wes

Piccadilly Line - via Windsor Lines

- Tube extension of Piccadilly line through T5
- Minimal operating surplus, but excludes GWML revenue loss from extra stops & LUL gain from through journeys
- Serves Terminals 1,2,3 & 5 direct
- 6tph via T5 (currently 6tph terminate at T4)
- Potential new stations
- 9 mins journey time (no stops)

Slough





Direct Western Access ("Langley connection")

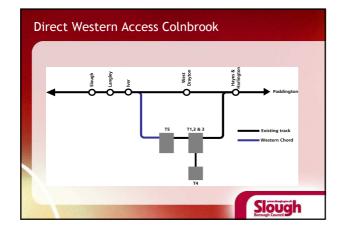
- Heavy rail extension to HEX/Crossrail etc
- T5 and T1,2,& 3
- 4 tph Reading, Maidenhead, Slough plus others
- Moderate net operating surplus (c.£12 mpa)
- Would use relief lines
- Journey Times Slough 6 mins

Slough

Direct Western Access ("Langley Connection")

- Construction of 5.9 km of new line nearly all tunnel
- Green Belt site forces tunnel construction
- Grade separated junction with GWML at Langley
- Estimated Cost £ 740 million

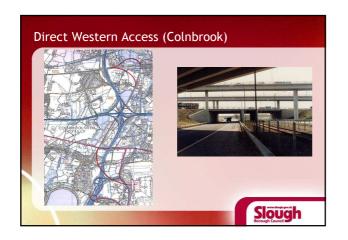
Slough



Direct Western Access (Colnbrook)

- Heavy rail extension to HEX/Crossrail etc
- T5 and T1,2,& 3
- 4 tph Reading, Maidenhead, Slough plus others
- Moderate net operating surplus (c.£12 mpa)
- · Would use relief lines
- Journey Times Slough 7 mins

Slough

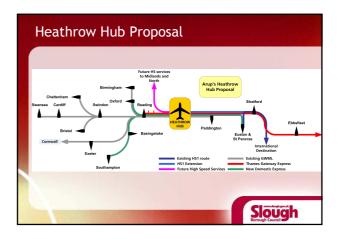


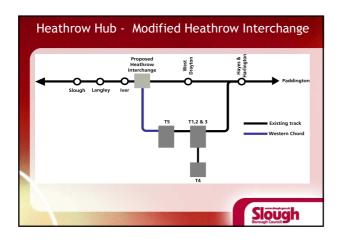
Direct Western Access (Colnbrook)

- Construction of 2.2 km of tunnel, 2.6 km upgrade of freight branch plus grade separated junction
- Using existing rail underpass beneath M25/M4 intersection
- Cost subject to underpass being at least 6.7 metres
- Connection to GWML between M25 and West Drayton
- More risky but cheaper than tunnelling
- Freight still viable
- Estimated Capital Cost £550 million



Proposed by Arup £4.6 billion including tunnel to Central London GWML - Connections to Terminals





Heathrow Hub - Modified Heathrow Interchange

- Extension via Colnbrook branch to new hub
- Piccadilly option (lower cost) but heavy-rail possible
- Small operating surplus, but excludes GWML revenue loss from extra stops & LUL gain from through journeys
- Serve Terminals 1,2 & 3 and 5.
- Interchange station rail only? Bus/road access?



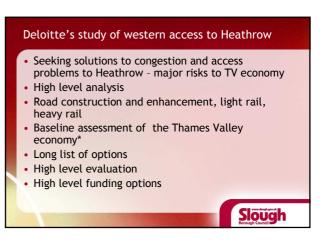
Heathrow Hub - Modified Heathrow Interchange Construction of 2.2 km of tunnel and 3.8 km upgrade of freight line Constructability improved by no track connection with GWML Largest cost is of new station 8 GWML platform faces - Realignment of GWML required

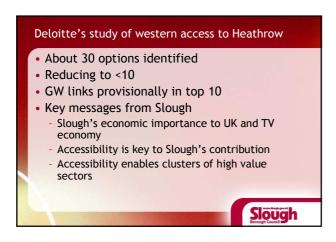
Slough

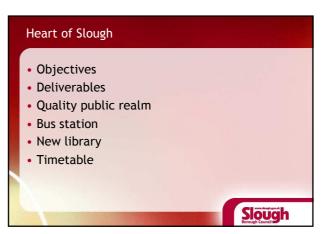
Estimated Capital Cost - £1,120 million

Some options require: GWML electrification (Maidenhead to Reading) Reading (area and station) works Construction needs to be scheduled with: GWML electrification Reading works Crossrail and AirTrack Target: around 2014?

Great Western Rail links to Heathrow from the west Issues to consider Benefits Risks Heavy v light rail Cost, demand and deliverability Preferred option Further involvement Questions and discussion









Heart of Slough - Objectives

- The physical regeneration of the area
- To challenge and change the perception of Slough
- · A commitment to high quality design
- All development to meet high levels of sustainability and energy efficiency
- The creation of new open spaces and high quality public realm
- Improvement in public transport and the creation of an improved transport hub
- Improve the links for pedestrians between the bus and train stations and the town centre

Slough

Heart of Slough - Scheme Deliverables

- Up to 1,500 new homes on the TVU site
- New accommodation for Thames Valley University of 26,900 sq ft.
- Approximately 340,000 sq ft (net) of new offices on the existing Brunel Bus Station site
- A new bus station, on the existing site of Compair House
- · A new library/adult education and civic building

Slough

Heart of Slough - Scheme Deliverables (Continued)

- New homes and/or hotel on the existing library site
- New restaurants/cafes/shops
- New open spaces/squares
- Improved north-south connections for pedestrians with enhanced links between the train and bus stations and the town centre

Slough

7

Heart of Slough - Development Partners

- Slough Borough Council (major landowner and local authority)
- Homes and Communities Agency (HCA) formerly English Partnerships (regeneration agency leading on planning application and roadworks)
- Development Securities (commercial developer)
- TVU are other major land owner for residential developer

Slough











