

ANNEX B – Scheme Prioritisation and Modelling

1. Schemes located outside the City of York but with particular potential to offer benefits to both West Yorkshire and York were investigated but were recognized as being schemes that will take longer than the initial 10 year period of the fund to develop, design and deliver or will require funding over and above that which is allocated from the initial £1bn. A contribution ‘top-sliced’ from the fund provides a commitment to the detailed development and business cases required for schemes - such as Harrogate line improvements.
2. Projects based within York were considered but the numbers (of potential schemes) were strictly limited by analysis cost and available budgets. An initial long list of ten potential major projects was identified in discussion with the Cabinet Member with responsibility for Transport. These are listed in Table A.

Table A – Initial Long List of Schemes

Initial Sift Rank Order	Scheme Description
1	York Central Access, new access road via A59, pedestrian access from station area, sustainable access routes, Queen Street bridge demolished and bus interchange within wider station frontage redevelopment
2	A19 Bus Lane and Improved access to and egress from Designer Outlet P&R
3	Clifton Moor Park & Ride and corridor improvements
4	PT Improvements 2 – City Centre bus priority infrastructure and traffic management
5	Northern Outer Ring Road Improvements - Low Intervention (r/b upgrades)
6	Northern Outer Ring Road Improvements - High Intervention (Dualling and grade separated selected junctions)
7	Northern Outer Ring Road Improvements - Medium Intervention (r/b upgrades, and dualling across the river and ECML bridge sections)
8	PT IMPROVEMENTS 1: Enhanced Bus Network (PT2 measures+fare interventions+hybrid buses)
9	PT IMPROVEMENTS 3: Bus/Rail Interchange and York Station approach area improvements. Transformational transport hub - no link to York Central assumed
10	Haxby station

3. WYTF+ prioritisation methods were used to prioritise and select the schemes that make up the York package focusing on the delivery of the maximum net increases in GVA and jobs within the York context.
4. A summary of the modelling process is as follows.

- Schemes run through the York Transport Model (CUBE/SATURN). Summary modelling statistics and changes in generalised cost skims output.
- Output fed into the SDG UDM model (Land Use Planning and Transport Interaction)
- Outputs provided in terms of GVA and Jobs created.

5. The performance of the ten schemes is as shown below

Scheme name	Adjusted capital cost (2012 prices, inc OB) - contribution from fund (£m)	Whole life cost to the fund (£m NPV)	Net York employment change in 2026 compared to the baseline	Net York direct GVA change in 2026 compared to the baseline (£m in 2009 prices)	GVA/per £ of whole life cost	Ranking	Cumulative capital cost (£m)	Cumulative jobs impact (will include some double counting between schemes)	Beneficiaries (Districts)	Scheme Type
York Central Access Road	13.7	5.1	1,303	92	18.0	1	14	1,303	York	Highway
A19 Bus Lane and access to Designer Outlet P&R Improvements	1.9	0.3	49	3	11.9	2	16	1,352	York	Multi-modal corridor
Clifton Moor Park & Ride and corridor improvements	9.8	2.8	56	3	1.1	3	25	1,408	York	Multi-modal corridor
PT Improvements 2 – City Centre Infrastructure	7.2	2.7	24	1	0.5	4	33	1,433	York	Multi-modal improvements
Northern Outer Ring Road Improvements - Low Intervention	37.6	14.6	100	6	0.4	5	70	1,533	York	Highway
Northern Outer Ring Road Improvements - High Intervention	212.6	74.1	516	28	0.4	6	283	2,049	York	Highway
Northern Outer Ring Road Improvements - Medium Intervention	91.4	36.0	229	11	0.3	7	374	2,278	York	Highway
PT IMPROVEMENTS 1: Enhanced Bus Network	20.5	24.9	76	4	0.2	8	395	2,354	York	Multi-modal improvements
PT IMPROVEMENTS 3: Bus/Rail Interchange and York Station approach area improvements	28.7	8.8	-6	0	0.0	9	423	2,348	York	Multi-modal improvements
Haxby station	7.7	7.9	-76	-5	-0.6	10	431	2,272	York/Leeds	Rail

6. The top five schemes were taken forward to form the York package.