

## Appendix F Option Appraisal Criteria

### Deliverability

At the option identification stage, some options may be identified as having potential to meet walking and cycling objectives, but might be ruled out on the grounds of deliverability, including the likely costs, technical challenges and practical issues such as land ownership, which relate to each section.

Deliverability has been scored out of 10, and has been used as a form of screening.

### Appraisal Criteria

The route options have been considered against the following core criteria (these are included in 'Cycling by Design', widely used in the appraisal of cycle routes and are also applicable to improving conditions for pedestrians):

- Attractiveness;
- Coherence;
- Comfort;
- Directness; and
- Safety.

'Adaptability' has also been considered, which is included in Sustrans' 'Handbook for Cycle Friendly Design' (2014). Each of the criteria have been scored out of 10.

The "Hierarchy of Measures" in Cycling by Design has also be considered, within which measures should be considered in the following order:

- Traffic volume control;
- Traffic speed control;
- Junction and crossing treatment;
- Carriageway space re-allocation; and
- Off-carriageway facilities.

Since the publication of Cycling by Design in 2011 there has been a notable shift in the approach to cycle route design in Scotland, with a much greater emphasis on segregated cycle routes as a means to encourage a step change in cycling levels. This has also led to less reliance on painted cycle lanes by Scottish Local Authorities, and closer attention to only using shared use paths where strictly appropriate.

In order to facilitate an easy comparison of the route options, a radar diagram has been provided for each of the routes, with the routes being assigned a score out of 10 against the five core criteria listed above. 10 is the best score that can be awarded, with 1 being the worst. More than one option has been proposed for each route section. An overall radar diagram has been provided for each section, displaying the scores against each of the criteria for each option proposed.

### Appraisal Scoring

Score	Description
<b>10/10</b>	Excellent positive impact
<b>8/10</b>	Strong positive impact
<b>6/10</b>	Positive impact
<b>5/10</b>	Moderate impact
<b>4/10</b>	Moderate to poor impact
<b>1/10</b>	Poor level of impact