

## Appendix F: Route Evaluation Questions

### ***Safety***

- Are there numerous mid-block or railway track crossings?
- Do crossings occur at roads with high volume of vehicular traffic?
- Is there sufficient property to accommodate trail connections?
- Does the route provide a safe crossing for major barriers?
- Are there poor sight lines?
- Can the route accommodate the preferred facility type?

### ***Connectivity / Access***

- Does the route provide a vital connection to existing routes and trails?
- Does the route provide direct access to major destinations and connect major nodes throughout the Town, including parks and open spaces?
- Does the route connect to municipal networks, supporting services and facilities?
- Can existing barriers be overcome safely?
- Does the route provide a connection to planned routes?

### ***Convenience***

- Is the route accessible from adjacent neighbourhoods?
- Is the route accessible from on road bicycle facilities?
- Does the route provide a direct path to the destination?

### ***Attractiveness***

- Does the route provide access to Markham's scenic routes, vistas, and destinations?
- Is the route highly visible?
- Does the route provide diversity of experience?
- Does the route have the potential to attract visitors to the Town, or to keep them here longer?

### ***Cost***

- Is the route the most cost-effective solution?
- Will the ongoing maintenance costs be reasonable or prohibitive due to the location or initial design?
- Is there ability to reduce costs by combining route development with existing projects?
- Does the route provide partnership opportunities at the planning and design or, construction or maintenance part of the lifecycle?

### ***Integration with Other Modes***

- Does the route provide access to transit stops and nodes?
- Does the route benefit other user groups?
- Does the route provide access to on road bicycle facilities?

### ***User Impacts***

- Does the route result in the potential for increased user conflicts?
- Does the route provide opportunities for a variety of levels of abilities and skills
- Does the location have negative impacts on existing, transitional or future land uses that cannot be minimized or managed?

### ***Natural/Ecological Areas***

- Does the route include significant natural or ecological areas?
- Can the trail/pathway be designed to minimize impact to the natural/ecological area?
- Does the route provide opportunities

### ***Property Ownership***

- Is the route on Town owned property? Will additional private property be required?
- Is the route on property owned by other public entities (i.e. provincial, federal, public utilities, conservation authorities, school boards)?
- Is it likely or unlikely that the property owner will be willing to form a partnership with the Town for implementation of pathways and trails?

### ***Experience***

- Does the route provide a unique, meaningful experience (natural, cultural, historical)?
- Is the route unique enough to distinguish it from other routes in the Town and region, and attract users specifically for its unique qualities?

### ***Range of users***

- Does the route accommodate existing users?
- Will current users be impacted by the proposed route?
- Will the route accommodate a wide range of potential users?

### ***Interpretation***

- Are there opportunities for historic, natural, cultural interpretation and story telling?
- Does the route provide opportunities to highlight Markham's unique qualities?