

Appendix F: Lancaster Street and Highway 85 Ramp Closure Evaluation Matrix

Evaluation Criteria	Alternative	
	Do Nothing	Close Ramps
Ability to increase active transportation volumes	Planned road environment on Lancaster Street would provide improved facilities, but they would be uncomfortable because they cross both the on and off merge ramps creating conflict for AT users. No space to provide a AAA cycling facility.	The removal of the ramps would eliminate conflicts between AT users and vehicular traffic on the ramps improving the environment for cyclists and pedestrians
	✓	✓✓✓
Safe, efficient operations for all users	Ongoing conflicts on both Highway 85 and Lancaster Street. Inability to remove vehicle and AT user conflicts. No opportunity to consider a third through lane extension northbound and southbound.	Weaving section on Highway 85 eliminated, improves operations for vehicular traffic and reduces highway collisions. Conflicts are removed between AT users and ramp vehicles on Lancaster street. Improved safety for all users.
	✓	✓✓✓
Quality and service level of alternative routes	Service level low for AT users, but vehicles continue to access ramps. No opportunity to consider a third through lane extension northbound and southbound.	Some trips will be longer for people with origins and destinations close to the ramps (i.e. just south of Union Street). Many alternative routes available and upgrades to Bridgeport interchange are planned through the Bridgeport cycling infrastructure project.
	✓✓	✓

Evaluation Criteria	Alternative	
	Do Nothing	Close Ramps
Lancaster Street Businesses	Continued direct access to Highway 85 on and off only from the north.	Some trips will be several minutes longer to access other nearby ramp interchanges.
	Continued high vehicle demand on Lancaster Street potentially causing delays.	
	✓✓	✓
Terrestrial Ecosystems Assessment	No change, There are no high value trees or vegetation in the area.	With ramp removal, more space is available to potentially increase vegetation cover or storm water options.
	✓✓	✓✓✓
Archaeological Assessment	The Study Area does not retain archaeological potential because of deep and extensive land disturbance or being previously assessed. No furthered assessment is required.	The Study Area does not retain archaeological potential because of deep and extensive land disturbance or being previously assessed. No furthered assessment is required.
	✓✓✓	✓✓✓
Transit Ridership	Continued high vehicle demand on Lancaster Street potentially causing delays.	More AT users will generate more transit riders as the first and last mile of a transit trip is taken by AT generally.
	✓	✓✓✓
Serve Future Growth and Development	Limited ability to increase vehicle capacity in the future.	Will create people moving capacity in the corridor to serve intensification projects in the area.
	✓	✓✓✓
Summary		Preferred Option