

Time	Topic and Purpose	Presenter(s)	Format	Time allocated
9.30am	Transport Projects Update The purpose of the session is to discuss transport projects ahead of the 2 May Infrastructure and Transport Committee meeting.	Tania Hermann	Open Briefing	60 Minutes
SESSION ENDS				



Transport Decision Making

Briefing #2

Discussion Today

- Recap from 10 April 2024 briefing
- Decision making principles
- Testing minor improvements programme against these
- Proposed process for approvals
- Putting it into practice
- Next steps

10 April Workshop – Access Hamilton

What we heard....

- Access Hamilton Strategy is high level enough to adapt to a changing environment – with the following additions or emphasis to be noted in the focus area:
 - More emphasis on supporting emergency services use of our network
 - More emphasis on engaging with our community and keeping our community informed of our projects and activities
 - People with transport disadvantages have been identified – this is not needed
 - A focus on supporting local small businesses to move safely and efficiently around the city
 - A focus on enabling businesses to undertake site works while minimizing the disruption to roading infrastructure

Next Steps

- Refine some of the wording and add in new focus areas where required
- Present these back to Elected Members and update the Strategy (minor improvements)

10 April Workshop – Decision Making Principles

What we heard....

- We need stronger engagement and communication with our community – we want and need to communicate better!
- What are the options that have been considered and what are the alternatives? How do we make decisions?
- We need the full picture – explaining the consequences and the impacts of decision making
- We want data to support decision making – numbers vs. percentage
- Greenfield should be best practice
- Business As Usual – Just Do It!

Decision Making Principles

- No matter the treatment, in order to make the best decision, the following principles should be applied:
 - The problem is understood and the proposed treatment supports safety, accessibility and is suitable for the area – this will also identify if the proposal is a 'Just Do It' project
 - A list of options which include safety assessments is provided
 - The options also include the full picture, risks and impacts of doing/not doing
 - Data supports the options
 - Communication and engagement is timely, at the right level and includes the right people

Next Steps

- Let's apply some of the thinking across our Minor Improvement projects...

Minor Improvement Projects – Triaging These

- Considered the decision-making principles as discussed last week
- Based on the 10 April workshop discussion, triaged the high-level project using a 'traffic light' system



Green – Just Do It



Yellow – May need macroscope approval depending on the outcome of the initial investigations and treatments being proposed

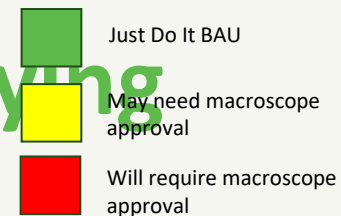


Red – Will require macroscope approval via an Elected Member workshop and approvals

Minor Improvement Projects - Process



Minor Improvement Projects – applying the status



DRAFT HCC 2024/27 Minor Transport Improvement Programme - DRAFT FINAL 10 April 2024

Site	Project Location	Problem Description	Proposed Treatment	Year 1 - 24/25 -	Year 2 - 25/26	Year 3 - 26/27	Status for Council Approval
Safety - programme and budget (WO 3854)				\$5.0m	\$5.0m	\$5.0m	
1	Collins/Anderson Intersection Improvements	Intersection safety and accessibility issues.	RSP on Anderson St (local road) at Collins Road and kerb extensions for safe systems compliant speeds.	\$ 400,000			
2	Wellington/Grey Intersection Improvements	Intersection safety and accessibility issues.	Urban roundabout with safe pedestrian crossing facilities and safe systems compliant speeds.	\$ 100,000	\$ 1,800,000		
3	Avalon/Forest Lake Intersection Improvements	Intersection safety and accessibility issues.	Raised intersection and signal improvement works.	\$ 100,000	\$ 1,400,000		
4	Avalon/Dominion Intersection Improvements	Intersection safety and accessibility issues.	Raised urban roundabout and includes paired crossings facilities.	\$ 750,000			
5	River/Wairere Intersection Improvements	Intersection safety and accessibility issues.	Raised intersection, signals and slip lane improvements.	\$ 100,000	\$ 1,760,000		
6	Forest Lake Rd & Mitcham Ave	Intersection safety and accessibility issues.	Intersection Improvement Works	\$ 50,000	\$ 500,000		
7	Cambridge Rd /Masters Ave Intersection	Intersection safety and accessibility issues.	Roundabout with safe pedestrian crossing facilities for improved safety and accessibility.	\$ 2,000,000			
8	Grantham/Tisdall	Lack of safe pedestrian facility - footpath, crossing point etc - area not active user friendly	Intersection Improvement works		\$ 200,000	\$ 900,000	
9	Tristram /Rostrevor Intersection Improvements	Intersection safety and accessibility issues.	Roundabout safe systems treatment. Safe pedestrian access to park. Replace rubber speed humps with Raised Safety Platforms.	\$ 100,000	\$ 650,000		

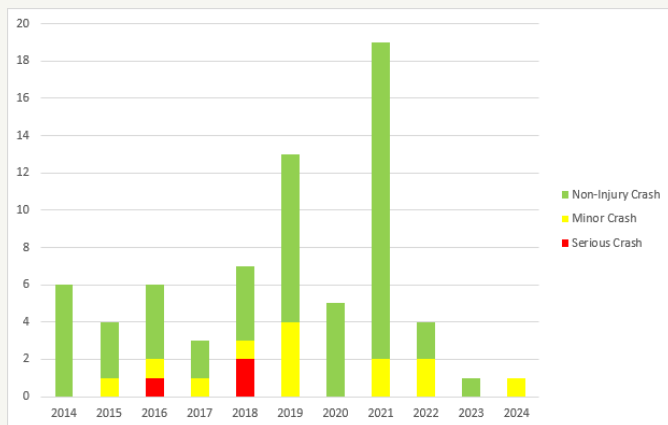
17 April 2024

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Minor Improvement Projects – Needs Assessment (example)

River Road/Wairere Drive Intersection Improvements

- Problem
 - Requirement for a safer intersection
 - Crash data – 79 reported crashes over past 10 years 2013-2023 (3 serious; 14 minor injury; 62 non-injury), noting that not all non-injury crashes are reported



17 April 2024



Minor Improvement Projects – Needs Assessment (example)

River Road/Wairere Drive Intersection Improvements

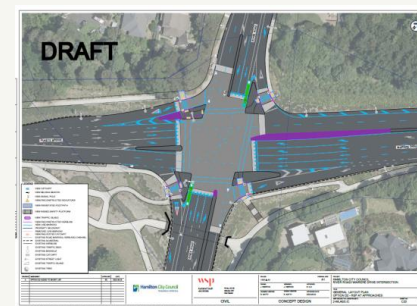
- Proposed Treatment
 - Upgrades to intersection, signal/slip lane improvements
- Approvals to date
 - Macro-scope design approval Infrastructure & Transport Committee [7 March 2023](#)
 - NZTA Endorsed

Minor Improvement Projects – Options (example)

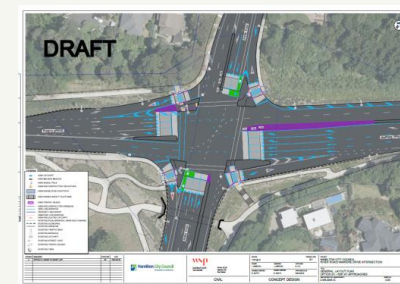
River Road/Wairere Drive Intersection Improvements

- Design Principles to consider
 - Safe Crossings
- Options
 - Do Nothing – Existing Conditions
 - Option A2 – Raise the Whole Intersection
 - Option D2 – Raised Safety Platform at Approach
- Safe System Assessment Completed

Option A2
Raise the whole intersection



Option D2
Raised Safety Platform at approach



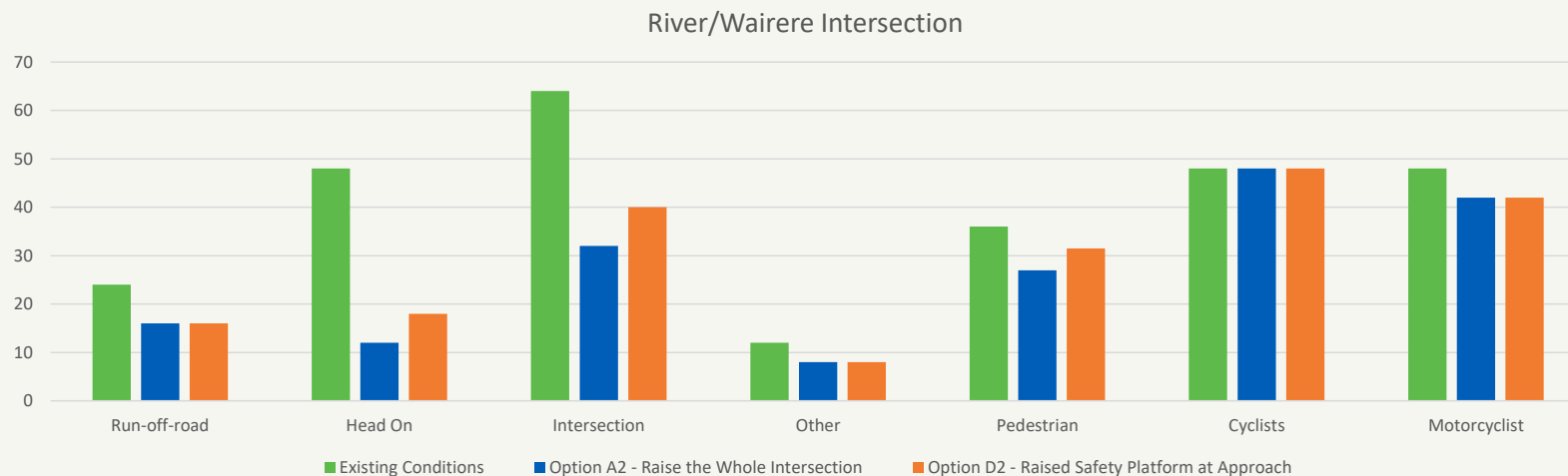
Minor Improvement Projects – Safe System Assessment

- A scoring system provided by NZTA that is used to consider seven crash types risk categories and the exposure, likelihood and severity associated with each crash type
 - Run-off-road
 - Head-on
 - Intersection
 - Other
 - Pedestrian
 - Cyclist
 - Motorcyclist
- Each area is scored between 1 – 4 and is completed by an independent assessor
- The lower the score the better the safety rating – meaning that a score of zero or close to zero indicates a high level of alignment with the Safe System.

• <https://www.nzta.govt.nz/assets/resources/road-safety-audit-procedures/docs/safe-system-audit-guidelines.pdf>

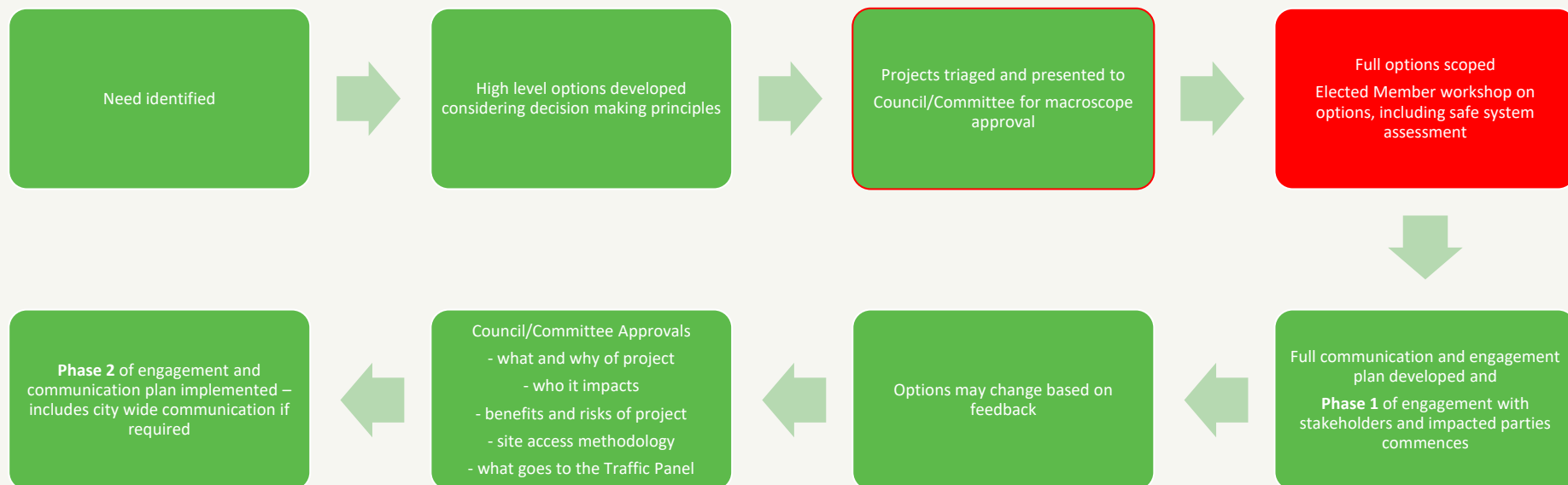
Minor Improvement Projects – Safe System Assessment (example)

River Road/Wairere Drive Intersection Improvements



	Run-off-road	Head On	Intersection	Other	Pedestrian	Cyclists	Motorcyclist	Total
Existing Conditions	24	48	64	12	36	48	48	280
Option A2 - Raise the Whole Intersection	16	12	32	8	27	48	42	185
Option D2 - Raised Safety Platform at Approach	16	18	40	8	31.5	48	42	203.5

Minor Improvement Projects - Process



Next Steps

- Have we missed anything?
- 2024/25 Financial Year, minor improvements list – Infrastructure and Transport Committee 2 May
- Further refine the decision-making principles as we work through using and applying these to projects
- Use future briefings as we develop options for projects

 07 838 6699
 HamiltonCityCouncil
 info@hcc.govt.nz
 @hamilton_city_nz
hamilton.govt.nz

