

# Mapua Drive Shared Path – Additional Items

## Shared path start/end and crossing space.

Date: 15/2/2021

1. Add "cross here with care"
2. Add standard resting rail
3. Form 2m wide (from edge of seal) by 5m, plus 10m taper, sealed pull off areas for cyclists to wait and cross.
4. Add cycle symbol and arrow.
5. Relocate 50km/h sign to suit (note crossing location needs to have 119m visibility so needs to be here.



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# Mapua Drive Shared Path – Additional Items

## Shared path ends

Date: 15/2/2021

1. Add shared path ends



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# Mapua Drive Shared Path – Additional Items

## Widened area

Date: 15/2/2021

1. Seal widened area
2. Add shared path pavement symbols
3. Lower water meter. Can snag on pedals.



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# Mapua Drive Shared Path – Additional Items

## Delineate wide space

Date: 15/2/2021

1. Add edge line across this wide space.
2. Mark standard white share path symbols generally at 50m centres. From shared path begins until Guardrail.



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# Mapua Drive Shared Path – Additional Items

## Delineate wide space

Date: 15/2/2021

1. Add edge line across this wide space.
2. Mark standard white shared path symbols generally at 50m centres. From shared path begins until Guardrail.
3. Add additional bollards to reduce the bollard gap when between driveways. Note: Bollards should be the same colour as the line marking – white. Orange can only be used for temporary. Being on a curve we need yellow reflectors in one direction. Might be easiest to simply use edge marker posts, or the snap lock edge marker posts like Lodder Ln.



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## Resting rail

Date: 15/2/2021

1. Add resting rail to residents crossing location.
2. Add additional white bollards extended to road cone location.
3. 2m spacing, 10m length.



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# Mapua Drive Shared Path – Additional Items

## High volume driveway marking

Date: 15/2/2021

1. Add high volume shared path markings to new, very wide driveway..

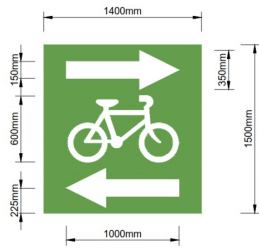


Figure 3. Example treatment for lower width accesses (i.e. where the total width is under 3.1m wide)<sup>2</sup>



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# Mapua Drive Shared Path – Additional Items

## Reflective hazard marker

Date: 15/2/2021

1. Add twin disc reflective sticker to edge marker post protecting hazard.
2. If not possible, just add standard white edge marker post reflective sticker



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# Mapua Drive Shared Path – Additional Items

## Reflective hazard marker

Date: 15/2/2021

1. Add hazard marker to edge of culvert.
2. Consider timber rail.
3. Consider edgeline.



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## Reflective hazard marker

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1. Add hazard marker to edge of timber rail.



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# Mapua Drive Shared Path – Additional Items

## Type C Edge marker posts

Date: 15/2/2021

1. Type C edge marker posts are missing throughout the entire site

www.nzta.govt.nz  
Traffic control devices manual: Part 5 – Traffic control devices for general use – between intersections

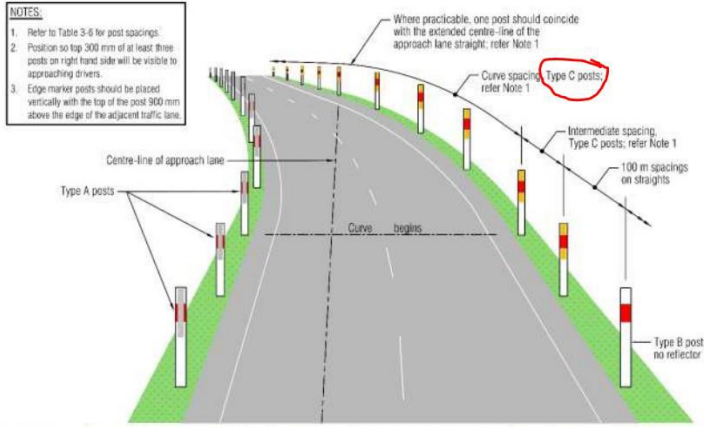


Figure 3-7: Edge marker post installation on all rural state highways and other rural roads with AADT greater than 1,500 vpd – Left hand curve

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# Mapua Drive Shared Path – Additional Items

## Direction sign

Date: 15/2/2021

1. Replicate underpass direction sign to marked up location.



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# Mapua Drive Shared Path – Additional Items Extend Guardrail

Date: 15/2/2021

1. Extend Guardrail
2. Requires channel / manhole solution.
3. 2.7m trafficable width inside guardrail.
4. Currently 1.3m from edge line to back of guardrail, so need 4.0m width from edge line.

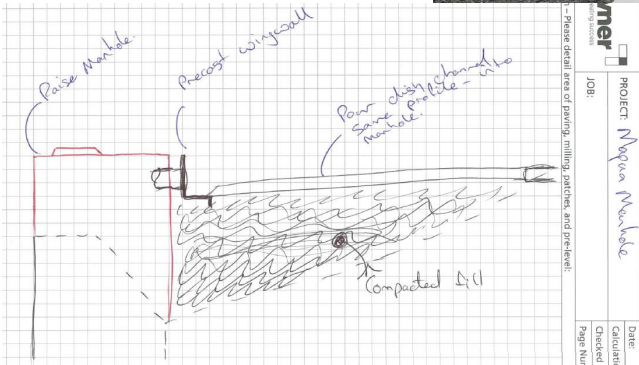


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# Mapua Drive Shared Path – Additional Items Extend Guardrail

Date: 15/2/2021

1. This is 4m from edge line, so would dish channel to manhole option work?



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# Mapua Drive Shared Path – Additional Items Extend Guardrail

Date: 15/2/2021

- 1. A path layout that cuts across the corner of this land may be best. Is land possible?
- 2. Yellow = extended Guard rail
- 3. Green = mark path across driveway



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# Mapua Drive Shared Path – Additional Items Extend Guardrail

- 1. A path layout that cuts across the corner of this land may be best. Is land possible?
- 2. Yellow is extended Guard rail



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# Mapua Drive Shared Path – Additional Items

## Correct edge marker post

Date: 15/2/2021

1. Remove incorrect type C edge marker post



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# Mapua Drive Shared Path – Additional Items

## Correct edge marker post

Date: 15/2/2021

1. Add missing type C edge marker post



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# Mapua Drive Shared Path – Additional Items

## Slow signage

Date: 15/2/2021

1. Add road narrows and slow warning signage in advance of downhill pinch points. - Cyclist sized signs.
2. Add edge lines around narrowing's and hazards.
3. Add edge lines both sides full length?



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# Mapua Drive Shared Path – Additional Items

## Overhanging vegetation

Date: 15/2/2021

1. Overhanging vegetation



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# Mapua Drive Shared Path – Additional Items

## Cycle direction sign

Date: 15/2/2021

1. Add cycle direction sign on power pole:

Dominion Road via underpass

1.4km



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