

**542/1351**

**Belfast Road/Marshland Road  
Intersection - NROSS**

**COSTS (Costs net of thirds-party contributions in brackets)**

| <b>Total</b> | <b>Renewal</b> | <b>Backlog</b> | <b>Unallocated</b> | <b>Growth</b>      |
|--------------|----------------|----------------|--------------------|--------------------|
| \$1,073,000  | \$209,235      | \$371,419      | 0                  | \$492,346          |
| (\$504,310)  | (\$98,341)     | (\$174,567)    |                    | <b>(\$231,403)</b> |

**COST ALLOCATION**

|                             |                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Primary Driver:</b>      | It was determined in deficiency analysis that the 2021 do-minimum road network will not provide sufficient capacity to accommodate the traffic demands for the next 20 years. |
| <b>Secondary Driver:</b>    |                                                                                                                                                                               |
| <b>Capacity discussion:</b> |                                                                                                                                                                               |
| <b>References:</b>          |                                                                                                                                                                               |

**ATTRIBUTES**

|                                                                               |                                                                                                                                 |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Manager:</b>                                                       | David Robinson, Stuart Woods                                                                                                    |
| <b>Work Planned:</b>                                                          | Intersection upgrade - construction of a three-leg roundabout                                                                   |
| <b>Location:</b>                                                              | Intersection at Marshland Road and Belfast Road                                                                                 |
| <b>Special features being addressed:</b>                                      | Planning for future network capacity growth and providing a secondary corridor to the north of Christchurch.                    |
| <b>A statement of the outcomes being addressed (LoS, Community Outcomes):</b> | Increased Level of Service<br><br>Increased network capacity                                                                    |
| <b>Options considered:</b>                                                    | NROSS investigated many options for increasing capacity in north of Christchurch and developed six strategies for consultation. |
| <b>Implications of not doing</b>                                              | It was determined in deficiency analysis that the 2021                                                                          |

|                                                           |                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>the project:</b>                                       | do-minimum road network will not provide sufficient capacity to accommodate the traffic demands for the next 20 years.                                                                                                                                                                                                    |
| <b>Linkages with other projects:</b>                      | Part of NROSS project                                                                                                                                                                                                                                                                                                     |
| <b>Location of other relevant supporting information:</b> | <p>CCC website page link below summarises the NROSS project and links to the consultant's report considered by the City Council on 26 June 2003 and the City Council decision minutes of 26 June 2003.</p> <p><a href="http://www.ccc.govt.nz/northernroadingstudy/">http://www.ccc.govt.nz/northernroadingstudy/</a></p> |