

Appendix A.7.5.1

Population Impact Summary Tables

Population Impacts Summary Table

Table 1. Cyan Option Corridor

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Journey Characteristics				
Connection with R368	Connectivity	All road users	Connectivity with R368	Significant positive
Journey length	Longer journey	Residents L3657	Detour via L3655 into CoS or south via Jamestown	Moderate negative
Journey length	Longer journey	Residents west side of N4 south of CoS	Detour south via western link road or across overbridge to CoS	Moderate negative
Journey length	Longer journey	Residents Jamestown	Detour south to Drumsna or north via overbridge and east link road	Moderate negative
Journey length	Longer journey	Residents of L7426 north	North via link road to CoS. Detour via Jamestown overbridge and Drumsna to N4 or to R299 to Drumsna Junction	Moderate negative
Journey Amenity				
Journey amenity	Avoided delay	Carrick bridge and R368 junction	Reduced through traffic	Significant positive
Safety	Parallel link roads east & west of N4	N4 south of Carrick	Safer access to roadside properties and farm access	Slight positive
Safety	Avoidance right-hand turns onto L3657	Residents on L3657	Alternative access from CoS via L3655	Moderate positive
Journey amenity	Views	Shannon crossing	Elevated view of River Shannon	Significant positive
General Amenity				

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Amenity in CoS	Greenspace, visual. Links with tourism/economic	Residents and visitors	Reduced traffic noise and visual impact	Significant positive
Amenity	Visual/links with tourism/economic	Residents, visitors and river users	Introduction of structure and traffic to quiet riverside setting	Significant negative
Recreation	Proximity of traffic	Users of Bull Field	Proximity and distraction of traffic	Moderate negative
Severance				
Relief from physical severance	Traffic transferred to bypass	Cortober residents	Removal of high proportion of traffic	Significant positive
Relief from physical severance	Reduced traffic	Cortober residents	Removal of some traffic	Slight positive
Social severance	Barrier presented by Pink Option	Cortober residents	Physical structure in urban area, albeit additional to railway line	Significant negative
Residential amenity	Proximity to residential estates	Attyrory	Proximity to estates and impact on greenfield views south	Moderate negative
Economic				
Severance	Severance of lands	Carrick Quads	Severance of lands	Significant negative
B&Bs	Proximity of option	2 B&Bs Cortober	Proximity of traffic	Moderate negative
Grocery shop	Loss of passing trade	Cortober	Loss of small proportion of through traffic passing trade	Slight negative
Cattle mart	Loss of part of premises	Cortober	Loss of part of building	Significant negative
N4 Carrick-on-Shannon and Cortober	Loss of passing trade/familiarity	Numerous businesses	Loss of passing trade, but benefits for others due to improved environment	Moderate negative to Moderate positive

Table 2 Orange Option Corridor

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Journey characteristics				
Journey length	Longer journey	Residents L3657	Detour via L3655 into Carrick-on-Shannon or south via Jamestown	Moderate negative
Journey length	Longer journey	Residents west side of N4 south of Carrick-on-Shannon	Detour south via western link road or across overbridge to Carrick-on-Shannon	Moderate negative
Journey length	Longer journey	Residents Jamestown	Detour south to Drumsna or north via overbridge and east link road	Moderate negative
Journey length	Longer journey	Residents of L7426 north	North via link road to Carrick-on-Shannon. Detour via Jamestown overbridge and Drumsna to N4 or to R299 to Drumsna Junction	Moderate negative
Journey Amenity				
Journey amenity	Avoided delay	Carrick bridge and R368 junction	Reduced through traffic	Significant positive
Safety	Parallel link roads east & west of N4	N4 south of Carrick	Safer access to roadside properties and farm access	Slight positive
Safety	Avoidance right-hand turns onto L3657	Residents on L3657	Alternative access from Carrick-on-Shannon via L3655	Moderate positive
Journey amenity	Views	Shannon crossing	Elevated view of River Shannon	Significant positive
Amenity				
Amenity	Greenspace, visual. Links with tourism/economic	Residents and visitors	Reduced traffic noise and visual impact	Significant positive
Amenity	Visual/links with tourism/economic	Residents, visitors and river users	Introduction of structure and traffic to quiet riverside setting	Significant negative

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Recreation	Proximity of traffic	Users of Bull Field	Proximity and distraction of traffic. Direct impact on changing rooms	Significant negative
Residential amenity	Proximity to residential estates	Attyrory	Proximity to estates and impact on greenfield views south	Moderate negative
Severance				
Relief from physical severance	Traffic transferred to bypass	Cortober residents	Removal of high proportion of traffic, excepting R368 traffic	Moderate positive
Social severance	Barrier presented by Pink Option	Cortober residents	Physical structure in urban area, albeit additional to railway line	Significant negative
Economic				
Commercial property	Loss of lands	McLoughlin Transp. Carrick Commercials	Impact on lands, but not buildings	Slight negative
B&Bs	Proximity of option	2 B&Bs Cortober	Proximity of traffic	Moderate negative
Commercial Property	Loss of part of premises	Cattle mart. Cortober	Loss of part of building	Significant negative
N4 Carrick-on-Shannon and Cortober	Loss of passing trade/familiarity	Numerous businesses	Loss of passing trade, but benefits for others due to improved environment	Moderate negative to Moderate positive

Table 3 Purple West Option Corridor

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Journey Characteristics				
R280	Connection with R280	Journeys to NE including Drumshanbo	Positive aspect of connection with important regional road	Significant positive
Journey Amenity				
Main Street, Carrick-on-Shannon	Reduced congestion due to availability of option	Journeys to NE and respective part of Carrick-on-Shannon	Transfer of a proportion of traffic	Moderate positive
River Shannon	Crossing of river and approach	Road users	Elevated crossing of river, but in more confined setting than south	Moderate positive
General Amenity				
River Shannon	Crossing of R. Shannon	River users	Crossing of Blueway, but in more confined setting than southern alternative	Moderate negative
River Shannon/ Boyle River	Elevation of option above river	River users	Occasional visibility of road from river to north and from callows	Significant negative
River Shannon	Section between Jamestown and Drumsna	River users and local amenity	Roundabout junction beside open stretch of river. Exiting impacts.	Moderate negative
Community Severance				
L7401 Hartley	Physical and social severance	Nearby properties and local population	Physical severance locally, but social severance to wider community despite link road	Moderate negative
Cootehall Road	Physical severance	Nearby properties	Link road from L7401	Slight negative
L7414 to Castlecara	Physical severance	Nearby properties	Severance especially for journeys to R280 from south	Moderate negative
R280 Carrick-on-Shannon	Relief from severance	Crossing where R280 meets Main St	Transfer of proportion of traffic from R280	Slight positive

Table 4 Dark Green Option Corridor

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Journey Characteristics				
R280	Connection with R280	Journeys to NE including Drumshanbo	Positive aspect of connection with important regional road	Significant positive
Journey Amenity				
Main Street, Carrick-on-Shannon	Reduced congestion due to availability of option	Journeys to NE and respective part of Carrick-on-Shannon	Transfer of a proportion of traffic	Moderate positive
River Shannon	Crossing of river and approach	Road users	Elevated crossing of river, but in more confined setting than south	Moderate positive
General Amenity				
River Shannon	Crossing of R. Shannon	River users	Crossing of Blueway, but in more confined setting than southern alternative	Moderate negative
River Shannon/ Boyle River	Elevation of option above river	River users	Occasional visibility of road from river to north and from callows	Significant negative
Community Severance				
L7401 Hartley	Physical and social severance	Nearby properties and local population	Physical severance locally, but social severance to wider community despite link road	Moderate negative
Cootehall Road	Physical severance	Nearby properties	Link road from L7401	Slight negative
L7414 to Castlecara	Physical severance	Nearby properties	Severance especially for journeys to R280 from south	Moderate negative
R280 Carrick-on-Shannon	Relief from severance	Crossing where R280 meets Main St	Transfer of proportion of traffic from R280	Slight positive
Economic				
R299. Tyre and motor factors	Loss of familiarity	Two businesses	Transfer of proportion of traffic from R299	Slight-Moderate negative

Table 5 Purple East Option Corridor

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Journey characteristics and Journey amenity				
R299	Diversion through Drumsna	R299 traffic	Short diversion	Slight negative
L7429 & L7661	Loss of direct access to N4 and diversion via Drumsna	L7429 & L7661 residents	Short diversion for southbound traffic	Slight negative-Slight positive
L3630 Annaduff & Masonite	Diversion to north	Workers, Local residents and church traffic	Diversion via Drumsna junction	Slight negative-Significant positive
R201 Mohill	Diversion to north	R201 users	Diversion via Drumsna Junction	Slight negative-Significant positive
Aghamore	Access to church & school	School children & parishioners	Safer access and improved parking, at expense of short detour	Moderate positive
Sports facilities Aghamore	Diversion to north or Dromod	GAA players/spectators	Loss of direct access to N4, diversion north or via Dromod	Moderate positive
General Amenity				
Gortconnellan Lough	Proximity to new junction	Anglers/local amenity	Noise	Slight negative
Circular walks Drumsna	Cross N4	Local people, some tourism	Availability of second overbridge, but more developed environment	Slight negative-Slight positive
Aghamore	Diversion of through traffic	Local community	Purple Option goes east of village and improved access to church and school	Moderate positive
L7472 & L1475	Option to travel north to north or south via Dromod	Local community	No net impact on journey time, improved journey amenity	Moderate positive
Community severance excepting that of existing roads meeting N4 for which diversions				
Aghamore	Diversion of through traffic	Local community	Purple Option goes east of village and improved access to church and school	Significant positive
Economic. No issues				

Table 6 Green Option Corridor

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Journey characteristics and Journey amenity				
South of L7430	Closure of existing access and parallel link road	Residents and farm access	Closure of direct access. Access north and south	Slight positive
L7464	Closure of road at N4	Residents north of railway line	Detour south to Aghamore for northbound journeys	Slight Negative-Moderate positive
Aghamore	Access to church & school	School children & parishioners	Separate access and improved parking	Slight positive
Aghamore	Link road on east side	Local residents	Safer access	Slight positive
Sports facilities Aghamore	Safer access, but diversion to north	GAA players/ spectators and residents to south	Loss of direct access to N4, diversion north	Slight negative - Moderate positive
L1475	Access to N4	Local residents and feeds company	Local access road links to L1475 which is improved	Slight positive
L1601 to Dromod	Dromod traffic	Residents north of Dromod	Safer roundabout access to local traffic, but interruption to N4 traffic flow	Slight negative to Moderate positive
General amenity. As present.				
Community severance. As present, e.g. Aghamore				
Aghamore	Severance of village	Aghamore community	Continued significant severance	Negative
Economic. No issues				

Table 7 Yellow Option Corridor

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Journey characteristics and Journey amenity				
South of L7430	Closure of existing access and parallel link road	Residents and farm access	Closure of direct access. Access north and south	Slight positive
L7464	Closure of road at N4	Residents north of railway line	Detour south to Aghamore for northbound journeys	Slight Negative-Moderate positive
Aghamore	Access to church & school	School children & parishioners	Separate access and improved parking	Slight positive
Aghamore	Link road on east side	Local residents	Safer access	Slight positive
Sports facilities Aghamore	Safer access, but diversion to north	GAA players/ spectators and residents to south	Loss of direct access to N4, diversion north	Slight negative - Moderate positive
L7472	Access to N4 via diversion to south	Local residents and quarry	Safer access, but diversion to south	Slight positive
L1475	Access to N4 via diversion to south	Local residents and feeds company	Safer access, but diversion to roundabout to south	Moderate positive
L1601 to Dromod	Dromod traffic	Residents north of Dromod	Safer roundabout access to local traffic, but interruption to N4 traffic flow	Slight negative to Moderate positive
Vicinity L1475	Road offline to west	N4 traffic	Loss of elevated Lakeland view to south	Slight negative
General amenity. As present.				
Community severance. As present, e.g. Aghamore				
Aghamore	Severance of village	Aghamore community	Continued significant severance	Negative
Economic. No issues				

Table 8 Black Option Corridor

Location	Nature of Impact	Population subsets	Potential Impact of the Proposed Option	Significance
Journey Characteristics				
N4 to R280	Direct connection	Journeys between the two roads	Improved connectivity, especially for northern river crossing (Purple or Dark Green)	Significant positive
Journey Amenity				
Eastern Carrick-on-Shannon	Transfer of traffic from various locations	R280 and Dublin Road especially	Reduced congestion	Moderate positive
Community severance				
Scoil Mhuire	Transfer of much R280 traffic	School children and parents	Relief from severance	Slight positive
Summerhill	Signalised crossing of road	Local residents and sli-na-slaite loop	New severance	Moderate negative
General Amenity				
St Mary's GAA, Castlecara Road	Increased traffic	Players/training including children	Additional traffic on local road	Moderate negative
Summerhill	Additional traffic in vicinity	Local residential estates	Additional traffic combined with social severance	Moderate negative
Economic				
Castlecara Road	Improved access	Shannon Retail park, Vista Med and other businesses	Improved accessibility to local businesses and retail estates	Slight positive