Option Number	Option Timeframe	Source of Option	Option Name	Option Description	TPO1 - NMUs	TPO2 - Munlochy	TPO3 - Tore	TPO4 - Intermediate junctions
					Performance against Transport Planning Objectives (Positive = ✓, Neutral = ×, Negative = ×)	Performance against Transport Planning Objectives (Positive = ✓, Neutral = ×, Negative = ×)	Performance against Transport Planning Objectives (Positive = ✓, Neutral = ×, Negative = ×)	Performance against Transport Planning Objectives (Positive = ✓, Neutral = ×, Negative = ×)
				Speed Reduction Options				
1	Short	Workshop / Kate Forbes	Speed limit reduction to Munlochy	Reduce the speed limit to 50 mph and extend from North Kessock to North of Munlochy	O	✓	O	O
2	Short	Workshop	Speed limit reduction on approaches to Tore Rbt	Reduce speed limit at approach to Tore to support pedestrian movements	✓	O	✓	O
3	Short	Workshop	Blanket speed limit reduction around Tore Rbt	Reduce the speed limit within a one-mile radius of Tore roundabout	✓	O	✓	✓
4	Short	WSP	Speed limit reduction along whole study area	Reduce the speed limit to 50 mph and extend from North Kessock to Tore	✓	✓	O	✓
5	Short	Workshop	Install speed cameras - A9 southbound	Install a speed camera on the A9 southbound carriageway just before Munlochy junction	O	✓	O	O
6	Short	Workshop / Kate Forbes survey	Install 50mph speed cameras - average speed cameras	Extend the 50mph average speed cameras up to Tore roundabout	O	✓	✓	O
7	Medium	Workshop	ITS Gantry System	Install an ITS Gantry System with signage	O	✓	O	✓
				Options to improve visibility and driver awareness of the junctions (to be considered as part of a package of measures)				
8	Short	Workshop	Paint the kerbs	Use fluorescent paint to improve the visibility of kerbs, especially at Munlochy junction [as part of package of interventions to improve the visibility of junctions]	O	✓	O	✓
9	Short	Kate Forbes survey	Road Markings Rumble strips	Construct Rumble strips either side of junction to reduce speed	O	✓	O	O
10	Short	Workshop	Vehicle Separation chevrons	Add gap markings (chevrons) to allow cars to leave enough space	O	✓	O	✓
11	Short	Workshop	Warning signs for queueing traffic	Add warning signs at Munlochy to warn northbound vehicles of queueing traffic waiting to turn right onto the B9161	O	✓	O	O
12	Short	Workshop	Improve Tore roundabout visibility	Measures to improve visibility of Tore roundabout, which could include additional signage or relocation of signage, re-lining, review of street clutter, etc.	O	O	✓	O
13	Short	Workshop / Kate Forbes	Educate road users on double give-ways	Conduct road user education regarding 'double give way' markings at junctions along A9 in study area (such as Munlochy junction). The current double set of give-way lines at (for RTs into and out of B9161) can cause uncertainty around who has right of way.	O	✓	O	✓
14	Short	Workshop / Kate Forbes	Amend road signage to Cromarty	Change signs to instruct drivers travelling to Cromarty to go via Tore roundabout instead of going through Munlochy	O	✓	×	×
15	Short	Workshop / Kate Forbes	Amend road signage for visitors and tourists	Make signage at Tore Roundabout clearer for visitors and those unfamiliar with the area, e.g. no awareness of uncontrolled pedestrian crossing. Carry out a signing review to see if the current signs meet the current requirements.	✓	O	O	O
16	Short	Workshop	Lighting at Munlochy junction (non-powered)	Add solar studs to Munlochy junction	O	✓	O	O
17	Short	Workshop	Lighting at Munlochy junction (powered)	Add lighting to Munlochy junction	O	✓	O	O
18	Short	Workshop / Kate Forbes	Activated warning signs	Install electronic warning signs that activate when there is traffic ahead or vehicles joining or crossing the A9 carriageway, especially buses and agricultural vehicles	O	✓	O	✓
19	Short	Workshop	Enhanced road markings	Improve lane discipline at Tore roundabout by adding enhanced markings or studs	O	O	✓	O
				Options to influence route choice				
20	Short	Project Team / Kate Forbes Workshop	Strategy to discourage traffic from using the B9161	Deploy a strategy to discourage traffic from using the B9161 (and shift to A832), which could include speed reduction measures along the B9161 and/or restrictions on movements through Munlochy (i.e. to reduce through traffic).	O	✓	×	×
				Options to restrict turning movements				
21	Short	Workshop	Prohibit right turns from side roads	Prohibit right turn movements coming from side roads onto the A9, with left-out only from side roads	O	✓	×	✓
22	Short	Workshop	Prohibit U-turns at intermediate junctions (including Munlochy Junction)	Prohibit U-turns at intermediate junctions (including Munlochy Junction)	O	✓	×	✓
23	Short	Workshop / Kate Forbes	Prohibit all right turns at Munlochy junction	Prohibit right turns out of and into the A9 at Munlochy junction	×	✓	×	O
24	Short	Project team	Prohibit right turn from B9161 at Munlochy junction to A9 Northbound	Prohibit right turn from B9161 at Munlochy junction to A9 Northbound	O	✓	O	×
				Public transport and pedestrian/cycling options				
25	Medium	Workshop	Create public transport hub	Create a public transport interchange hub or a Park and Ride at Tore	✓	✓	✓	✓
26	Medium	Workshop	Promote modal shift	Promote behaviour change through promotion of travelling by public transport through advertising of services, benefits of mode shift and other incentives (ticket reductions etc.)	✓	✓	✓	✓
27	Short	Workshop	Relocate bus stops	Consider revising the location of current bus stops at Tore to better integrate with bus services, walking/cycling routes and encourage bus use	✓	O	O	O
28	Short	Workshop	Improve pedestrian routes - integration with bus stops	Integrate pedestrian routes with bus stops, especially at Tore for residential properties	✓	O	O	O
29	Short	Workshop	Improve pedestrian routes - footpaths	Improve footpaths at Tore roundabout	✓	O	O	O
30	Short	Workshop	Improve pedestrian routes - controlled crossing at Tore Rbt	Install a controlled crossing on the A9 south of Tore roundabout	✓	O	O	O
31	Short	Workshop	Enhanced signage for cyclists	Enhance the signage for the cycling route – add one on the southbound carriageway at Tore	✓	O	O	O
				Road layout and operational changes				
32	Medium	Workshop / Kate Forbes survey	Improve on-slip at Munlochy junction	The on-slip from B9161 onto the A9 should be improved/extended to better facilitate the merging of traffic with the A9 southbound	O	✓	O	O
33	Medium	Workshop	Install traffic lights	Install traffic lights at Tore roundabout which includes a controlled pedestrian crossing	✓	O	✓	O
34	Medium	Kate Forbes survey	Extend the right turn lane from the A9 to the B9161	Extend the existing right-turn lane from the A9 into the B9161	O	✓	O	O
35	Long	Workshop	Widen central reservations	All junctions need wider central reservations as the current ones are too narrow for larger vehicles	O	✓	O	✓
36	Long	Workshop / Kate Forbes survey	Pedestrian bridge or underpass at Tore Rbt	On the northern section of Tore roundabout, build a pedestrian bridge or add underpass for better connectivity to the school	✓	O	O	O
37	Long	Kate Forbes survey	Convert Munlochy junction into a roundabout	Convert Munlochy junction into a roundabout which incorporates Artafallie junction	O	✓	O	✓

38	Long	*Workshop / Kate Forbes survey*	Create single improved junction at Munlochy junction	Close the intermediate junctions and create a single new junction for local connector roads to link into the A9 at a grade separated junction arrangement	O	✓	O	✓
39	Long	*Workshop / Kate Forbes survey*	Grade separation at Munlochy junction	Change Munlochy junction to a grade-separated junction, e.g. by adding in an underpass at Munlochy junction similar to the one at North Kessock	O	✓	✓	✓
40	Long	*Workshop*	New road connection between Munlochy and North Kessock junction	Add a new road connection into North Kessock junction from Munlochy road, combined with either full or partial closure of Munlochy junction.	O	✓	✓	✓