

Measure ID Number	Measure Descriptor	Local, Regional, National?	STRAND 1,2,3?	Scheme Category
1	Land use planning controls to reduce need to travel	L,R,N	Region-wide initiatives	Land use
2	Infrastructure & services to support future development	L,R,N	Region-wide initiatives	Land use
3	Ensure walk, cycle and PT access to out of town centres, retail development	L,R,N	Region-wide initiatives	Land use
4	New design standards associated with new developments (eg bus access, walking routes etc)	L,R,N	Region-wide initiatives	Land use
5	Consistently developed parking standard for new developments	R	Region-wide initiatives	Land use
6	All Local authorities / Health Boards/Employers must adopt a Travel plan for staff and actively pursue it	R	Region-wide initiatives	Attitudinal and behavioural
8	Health promotion campaign	R	Region-wide initiatives	Attitudinal and behavioural
10	Sustainable travel awareness campaigns	R,N	Region-wide initiatives	Attitudinal and behavioural
11	Replace/redevelop Arbroath Bus Station	R	Network-based initiatives	Infrastructure Bus
12	Bus Corridors Angus/Dundee (including Park & Ride)	R	Network-based initiatives	Infrastructure Bus
13	Tourist Coach parking (Arbroath, Brechin)	L	Network-based initiatives	Infrastructure Bus
14	Upgrade of Bus Stops/shelters	L	Network-based initiatives	Infrastructure Bus
15	Assist bus operators in using more environmentally friendly fuels in PT (hydrogen powered buses etc)	N	Region-wide initiatives	Infrastructure Bus
16	Develop independent TACTRAN guided bus network	R	Network-based initiatives	Infrastructure Bus
17	Make Perth Road / Nethergate PT corridor only. Remove general traffic	L,R	Network-based initiatives	Infrastructure Bus
18	Minimum Standards for PT services , infrastructure and information	R	Measures to improve accessibility , Region-wide initiatives	Infrastructure Bus
19	Rail freight facilities at Arbroath, Dundee, Montrose	R	Network-based initiatives	Infrastructure Rail
20	Use single line doubling	R/N	Network-based initiatives	Infrastructure Rail
22	Stirling station Forecourt improvements, including canopy link to bus station	L	Network-based initiatives	Infrastructure Rail
24	Rail Freight Sites at Ballinluig, Blackford, Dunkeld, Perth and Ranoch	L	Network-based initiatives	Infrastructure Rail
25	Blackford rail station	R	Network-based initiatives	Infrastructure Rail
26	Upgrading / renewal of Dundee rail Station	R	Network-based initiatives	Infrastructure Rail
27	Dundee West Rail Station in support of the Western Gateway	R	Network-based initiatives	Infrastructure Rail
28	Improved passenger interchange at Broughty Ferry, Monifieth, Carnoustie for all modes	R	Network-based initiatives	Infrastructure Interchange
29	Dundee Park and Ride / Choose A92, A90North and A90 west (complements Dundee West Station (TERS) and can connect to Ninewells hospital)	R	Network-based initiatives	Infrastructure Interchange

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30	Citylink express coach interchanges (Brechin, Forfar)	L	Network-based initiatives	Infrastructure Interchange
31	Angus Rail Interchange outstanding projects (Montrose, Arbroath, Carnoustie)	R	Network-based initiatives	Infrastructure Interchange
32	New rail park & ride facility at Bannockburn	R	Network-based initiatives	Infrastructure Interchange
33	Bus/Coach/(Rail) Interchanges at Tyndrum, Dunblane, Crainlarich, Aberfoyle, Callender, Drymen & Balfron	L	Network-based initiatives	Infrastructure Interchange
34	Upgrade Stirling Bus Station and fully integrate with Railway Station	L	Network-based initiatives	Infrastructure Interchange
35	Stirling South P&R , including Express Coach interchange	R	Network-based initiatives	Infrastructure Interchange
36	Stirling West P&R	R	Network-based initiatives	Infrastructure Interchange
37	Stirling North East P&R	R	Network-based initiatives	Infrastructure Interchange
38	Dunblane rail park & ride improvements (parking)	R	Network-based initiatives	Infrastructure Interchange
39	Crainlarich Rail Freight Interchange (timber extraction)	R	Network-based initiatives	Infrastructure Interchange
40	Perth rail/bus interchange	R	Network-based initiatives	Infrastructure Interchange
41	Extension of Broxden Park and Ride facility to cater for growing success of this interchange – both Park and Ride trips and Megabus operations	R	Network-based initiatives	Infrastructure Interchange
42	New Park and Ride sites on A.90 at Kinfauns	R	Network-based initiatives	Infrastructure Interchange
43	New Park and Ride site at Inveralmond	R	Network-based initiatives	Infrastructure Interchange
44	Forthside – Park & Walk Linden Avenue – Park & Walk	R	Network-based initiatives	Infrastructure Interchange
45	Kings Park – Park & Walk	R	Network-based initiatives	Infrastructure Interchange
48	A92 - improvement Arbroath to Montrose (and on to boundary)	R	Network-based initiatives	Infrastructure Road
49	Link Montrose to Brechin (A935) & on to A90(T)	R	Network-based initiatives	Infrastructure Road
51	New junction west of Swallow roundabout on A90	L	Network-based initiatives	Infrastructure Road
52	Upgrading of Swallow Hotel and Myrekirk Road Junctions on Kingsway	R	Network-based initiatives	Infrastructure Road
53	Access to development West Dundee & arterial route improvements to support development	R	Measures to Improve Accessibility	Infrastructure Road
54	A90 Dundee Outer Bypass	R,N	Network-based initiatives	Infrastructure Road
55	A90 Junctions including Lochlands junction Forfar and Westfield Link	R	Network-based initiatives	Infrastructure Road
56	A92 Northwater Bridge	R	Network-based initiatives	Infrastructure Road
57	A932 Mildren bends	R	Network-based initiatives	Infrastructure Road

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58	A933 RAP (inc Greenlaw Bridge; Old Brechin Bridge; Friockheim Toll)	R	Network-based initiatives	Infrastructure Road
64	Fillin relief road (Bandeath expansion)	L	Network-based initiatives	Infrastructure Road
91	Kinfauns Junction improvements	L	Network-based initiatives	Infrastructure Road
92	Additional Road bridge in Perth	R	Network-based initiatives	Infrastructure Road
93	Improve A90 Trunk Road in Dundee by either re-routing or upgrading existing route	R	Network-based initiatives	Infrastructure Road
94	Bridge Strengthen at Dundee ports	R	Network-based initiatives	Infrastructure Road
95	Bridge Strengthen at Broughty Ferry	R	Network-based initiatives	Infrastructure Road
96	Improve connectivity between A972, A90 and A92	R	Network-based initiatives	Infrastructure Road
97	Investigate possible location for HGV parking facilities	R	Network-based initiatives	Infrastructure Road
98	Reorganise parking within Dundee City Centre	L	Network-based initiatives	Infrastructure Road
99	High occupancy Lanes on the approaches to Dundee	R, N	Network-based initiatives	Infrastructure Road
100	Investigation of dedicated new slips at Craigend Interchange from the A.912	R	Network-based initiatives	Infrastructure Road
101	New distributor road over A.9 and associated junction improvements at Inveralmond West	R	Network-based initiatives	Infrastructure Road
102	Signalisation of Broxden roundabout	R/N	Network-based initiatives	Infrastructure Road
103	Provision of additional dedicated slip lane at Broxden from A.9 South to A.9 North	R	Network-based initiatives	Infrastructure Road
104	Improvements to the A.977 corridor to absorb impacts of new Kincardine crossing and future maintenance issues of Forth Road Bridge	R	Network-based initiatives	Infrastructure Road
105	Junction and link improvements to cater for flagship 1&2 bus services on west side of Perth	L	Network-based initiatives	Infrastructure Road
106	New crossing of Tay linking A93 and A.94 north of Scone to A9 north of Inveralmond. This will encompass new junction on the A.9 and linkage into	R	Network-based initiatives	Infrastructure Road
112	Stirling Inner Ring Road improvements	L,R	Network-based initiatives	Infrastructure Road
113	Stirling Outer Ring Road improvements	L,R	Network-based initiatives	Infrastructure Road
114	Goosecroft Rd to Burghmuir Rd new link road	L	Network-based initiatives	Infrastructure Road
115	Broom Road to Burghmuir Rd new link road	L	Network-based initiatives	Infrastructure Road
116	Springbank Rd to Forthside new link road	L	Network-based initiatives	Infrastructure Road
211	Kinross Relief Road	R	Network-based initiatives	Infrastructure Road
212	Welton Rd Blairgowrie	R	Network-based initiatives	Infrastructure Road

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213	A.93 Route improvements	R	Network-based initiatives	Infrastructure Road
117	Coastal Footpath and Cycleway (Carnoustie to Arbroath; Arbroath to Montrose; Montrose to Aberdeenshire)	R	Network-based initiatives	Infrastructure Non-motorised modes
118	Burgh Path Networks (Monifieth, Carnoustie, Montrose)	L	Network-based initiatives	Infrastructure Non-motorised modes
119	Burgh Path Links (Forfar to Kirriemuir; Newtyle to Dundee; Montrose Basin and Brechin)	R	Network-based initiatives	Infrastructure Non-motorised modes
120	Montrose Basin Cycleway	L	Network-based initiatives	Infrastructure Non-motorised modes
122	King's Highway between Stirling and the National Park	L	Network-based initiatives	Infrastructure Non-motorised modes
124	Pedestrian Bridge between Forthside P&W and Thistle Shopping Centre	L	Network-based initiatives	Infrastructure Non-motorised modes
125	Pedestrian/cycle bridge over River Teith at Callender with link to School and NCN 76	R	Network-based initiatives	Infrastructure Non-motorised modes
126	Cycle lockers/stand at interchanges and express bus stops	L	Network-based initiatives	Infrastructure Non-motorised modes
127	River Forth pedestrian/cycle path between Kildean and Forthbank, Stirling	L	Network-based initiatives	Infrastructure Non-motorised modes
128	Linkages to Core Path Network	L	Network-based initiatives	Infrastructure Non-motorised modes
129	Pedestrian improvement schemes	L	Network-based initiatives	Infrastructure Non-motorised modes
132	Kinross - Crook of Devon - Dollar cycle network	R	Network-based initiatives	Infrastructure Non-motorised modes
133	Perth - St Fillans cycle network	R	Network-based initiatives	Infrastructure Non-motorised modes
134	Round Loch Leven cycle route	R	Network-based initiatives	Infrastructure Non-motorised modes
136	Spokes on Wheel of Green Circular	L	Network-based initiatives	Infrastructure Non-motorised modes
137	Enhance facilities, develop opportunities at Dundee & Montrose ports	R	Network-based initiatives, Measures to improve accessibility, Region-wide initiatives	Infrastructure Other
138	New & improved services & linkages to/for Dundee airport	R	Network-based initiatives, Measures to improve accessibility, Region-wide initiatives	Infrastructure Other
141	Demand responsive transport	R	Measures to improve accessibility, Region-wide initiatives	Infrastructure Other
142	Improved links to major ports & transshipment points	L	Network-based initiatives, Measures to improve accessibility, Region-wide initiatives	Infrastructure Other
143	Development of air freight & commercial flying from Perth & Kinross	L	Network-based initiatives, Region-wide initiatives	Infrastructure Other
144	Ensure all Transport infrastructure is maintained to a high standard	R,N	Region-wide initiatives	Infrastructure Other
145	Move Tay Bridge Toll Plaza away from city centre thus allow reallocation of road space	R,N	Network-based initiatives	Infrastructure Other
146	Develop independent TACTRAN light rail network	R	Network-based initiatives	Infrastructure Other
147	Extend Dundee airport runway to accommodate large planes	R,N	Network-based initiatives	Infrastructure Other

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148	Minimum standards associated with vehicle safety	R, N	Region-wide initiatives	Infrastructure Other
149	Improved access to Perth Harbour to serve future sea/rail/road freight interchange	R	Network-based initiatives, Measures to improve accessibility, Region-wide initiatives	Infrastructure Other
150	Bus route audit, ie junction improvements, network management and route development	R	Network-based initiatives, Region-wide initiatives	Management Bus
151	Bus priority (corridors) - A872 Glasgow Road	R	Network-based initiatives	Management Bus
152	Bus priority (corridors) – A907 Kerse Road,	R	Network-based initiatives	Management Bus
153	Bus priority (corridors) - A9 Causewayhead Road,	R	Network-based initiatives	Management Bus
154	Bus priority (corridors) - A84 Drip Road	R	Network-based initiatives	Management Bus
155	Drymen to Glasgow hourly service	L	Measures to Improve Accessibility	Management Bus
156	Stirling to Aberfoyle hourly service	L	Measures to Improve Accessibility	Management Bus
157	Balloch – Drymen – Aberfoyle – Callender new hourly service	L	Measures to Improve Accessibility	Management Bus
158	Callender – Killin – Tyndrum hourly or 2 hourly service	L	Measures to Improve Accessibility	Management Bus
159	Bus priority measures on all arterial routes	R	Network-based initiatives	Management Bus
160	Introduce Bus priority measures on approaches to Dundee	R	Network-based initiatives	Management Bus
161	Bus priority measures at congested locations in Dundee	R	Network-based initiatives	Management Bus
162	Improve frequency of buses between areas of employment and residential areas	L	Measures to Improve Accessibility	Management Bus
164	Coach parking strategy	L	Region-wide initiatives	Management Bus
166	Goosecroft Rd/Wellgreen Bus Priority	R	Network-based initiatives	Management Bus
167	Goosecroft Rd/Station Rd Bus Priority	R	Network-based initiatives	Management Bus
168	Union Street Bus priority	R	Network-based initiatives	Management Bus
169	Springkerse Retail Park Bus Priority	R	Network-based initiatives	Management Bus
170	Borestone Roundabout - Bus Priority	R	Network-based initiatives	Management Bus
171	Stirling City Centre – Bus priority	R	Network-based initiatives	Management Bus
172	Causewayhead Road – Bus priority	R	Network-based initiatives	Management Bus
173	Develop quality bus corridors linking Park & Ride sites with City Centre	R	Network-based initiatives	Management Bus
174	Express Bus Route along A91 between Stirling & Muckhart	L	Network-based initiatives	Management Bus

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175	East coast main rail line (Perth-Dundee-Montrose) local rail service improvements	R	Network-based initiatives, Measures to improve accessibility	Management Rail
176	Improved rail links to Edinburgh	R	Network-based initiatives, Measures to improve accessibility	Management Rail
177	Improved rail links to Edinburgh, Glasgow and Aberdeen airports	R	Network-based initiatives, Measures to improve accessibility	Management Rail
178	More suitable timetable for Dundee rail passengers	R	Measures to Improve Accessibility	Management Rail
179	Improvements to Hilton Junction and linespeed Improvements to Ladybank to facilitate faster journey times on this section of route	R	Network-based initiatives	Management Rail
181	Route action plans on primary corridors	R	Region-wide initiatives	Management Road
183	Signalise all entry points into Dundee City to manage traffic volumes	L	Network-based initiatives	Management Road
184	Regional Car share scheme	R	Measures to improve accessibility, Region-wide initiatives	Management Road
185	Junction improvements at A85 Crieff Road, A93 Glasgow Rd, Riggs Rd – Feus Rd to cater for increased future traffic levels	R	Network-based initiatives	Management Road
186	HGV Management strategy including HGV parking	R	Region-wide initiatives	Management Road
188	Vital Stirling – city centre environmental improvements, including pedestrian favoured areas	L	Measures to improve accessibility, Region-wide initiatives	Management Non-motorised modes
190	walking, cycling priority measures on all arterial routes	R	Network-based initiatives, Region-wide initiatives	Management Non-motorised modes
191	Bus Priority and Pedestrian enhancement for Crossing the Kingway	R	Network-based initiatives	Management Non-motorised modes
192	Signalise junctions on Riverside Ave for Bus priority / Pedestrian access	L	Network-based initiatives	Management Non-motorised modes
195	Ensure accessibility to all district centres	R	Measures to Improve Accessibility	Management Other
196	Assist taxis companies using more environmentally friendly fuels (compressed air taxis)	R, N	Region-wide initiatives	Management Other
198	Public Transport Journey Planner/Information Kiosks (All Burghs and key interchanges eg Stracathro Hospital)	R	Region-wide initiatives	Information
199	Introduce audio and visual information on buses "Next stop is....."	R	Measures to improve accessibility, Region-wide initiatives	Information
201	Real Time information at key locations	L,R	Measures to improve accessibility, Region-wide initiatives	Information
202	Real time information in rural areas (eg via mobile phones)	R	Measures to improve accessibility, Region-wide initiatives	Information
203	Region wide PT map	R	Measures to improve accessibility, Region-wide initiatives	Information
204	Mobility impaired transport information services incl visually impaired	R	Measures to improve accessibility, Region-wide initiatives	Information
205	Access to healthcare and services - provide user friendly info	R	Measures to improve accessibility, Region-wide initiatives	Information
206	Tay Bridge Crossing - tolls	R	Network-based initiatives, Region-wide initiatives	Pricing
207	Introduce joint ticketing scheme between all modes/operators	R	Measures to improve accessibility, Region-wide initiatives	Pricing

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208	Introduce Pay on foot parking to DCC car parks - Provide cashless payment system	R	Region-wide initiatives	Pricing
209	Road user charging scheme	R	Network-based initiatives, Region-wide initiatives	Pricing