



West Yorkshire Connectivity Infrastructure Plan



Appendix 2. Programme C - Options for delivery between 2026 – 2040



West Yorkshire Connectivity Infrastructure Plan

Programme C - Options for delivery between 2026 and 2040

The West Yorkshire Combined Authority sets out in the Connectivity Infrastructure Plan proposals for creating comprehensive and joined-up networks for each of the main modes of transport. Looking forward to the period 2026 to 2040 we have identified a range of options, informed by our evidence, that provide a starting point for the identification of spatial and scheme priorities. We are consulting on these initial proposals now. Responding to consultation feedback we will review and reshape our plan in Spring 2021.

We will then start to define scheme details and estimate costs. This will include further rounds of appraisal, with increasing technical rigour, to distil our long list of options to a shorter list of preferred options and to inform sequencing for delivery. As part of our response to the Climate Emergency the Combined Authority is developing a carbon impact assessment toolkit which will be used to assess schemes as they progress through our assurance process, to ensure that schemes are supporting delivery of our zero carbon target.

Headline details of scheme options are provided in Table 3 on pages 46 and 47 of the Connectivity Infrastructure Plan. The table below provides further detail of the options for delivery between 2026 and 2040.

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DfT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	Five Towns to Leeds	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Castleford Centre • Castleford Bus & Rail Station Streetscape & Public Realm Improvement • Featherstone Rail Station improve link to town centre • Knottingley Centre • Normanton Rail Station improve link to town centre 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Wakefield
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DfT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	Wakefield to Leeds	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Crofton • Hemsworth • Lupset • Moorthorpe • Ryhill • Wakefield Centre • Walton 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Wakefield
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DfT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	Calder Valley, Bradford and Leeds	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Brighouse North Garden Village – via Active and Sustainable Transport Masterplan • Brighouse South Garden Village – via Active and Sustainable Transport Masterplan • Clifton Enterprise Zone - via Active and Sustainable Transport Masterplan • Halifax (West and North) • Hipperholme Village Traffic Management • Huddersfield Road Wyke Village Centre Improvements (B6379) • Keighley Road and Shay Lane Village Centre Improvements (A629) • Scholes - Improved Village Environment 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies Active and Sustainable Transport Masterplans	Calderdale, Bradford, Leeds
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DfT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	Leeds, Bradford and North Kirklees	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Batley enhance link between main retail area and bus station. • Bradford A647 Leeds Road • Bradford B6381 Barkerend Road • Bradford Godwin Street/Sunbridge Road • Bradford Great Horton Road • Bradford Hall Lane • Bramley Lower Town Street • Bridge Street placemaking around Bradford Interchange. • Dewsbury Market Place/Foundry Street • Dewsbury Savile Road • Dewsbury improve Bond Street improve link between town centre and rail station. • Heckmondwike Centre • Laisterdyke • Leeds Armley Town Street • Leeds Holbeck Top Moor Side/Domestic Street • Leeds Sweet Street/Marshall Street integration with HS2 Station • Pudsey Main Retail Area • Ravensthorpe A644 Huddersfield Road • Stanningley Main Retail Area 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Leeds, Bradford, Kirklees

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DfT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	South and East Leeds	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Churwell to Cottingley • East Leeds Extension Masterplan • Leeds Southbank - Solar Avenue Crossing Pedestrianisation Includes Active Travel routes for safeguarding and future study: <ul style="list-style-type: none"> • Leeds Southbank Masterplan • Leeds Thorpe Park • Morley to Leeds • Ring Road Roadspace Re-Allocation • River Aire Crossing 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Leeds
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	Walking Improvements Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management Cycling Improvements Segregated Routes (to DfT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	Huddersfield and Leeds	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Beeston • Beeston Road • Cottingley Vale • Hunslet Carr • Mirfield 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Leeds
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DfT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	Airedale, Wharfedale and the Airport	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Aire Valley Village Centre Improvements • Baildon • Yeadon 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Bradford, Leeds
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DfT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	East Kirklees and Wakefield	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Aspley Wharf • Batley (Commercial Street) • Batley Commercial Street • Deighton • Dewsbury Riverside/A644 Huddersfield Road • Dewsbury Town Centre (Wellington Road) • Huddersfield (canal side improvements along Turnbridge Road and junction of Kirkgate, Southgate and the Beast Market) • Huddersfield Town Centre - new link to Kirklees College Process Manufacturing Centre • Huddersfield University (improved access to north of the campus) • Leeds Road (A62 Leeds Road/Whitacre Street in Deighton/Cooper Bridge roundabout) • Northwest Dewsbury Riverside shared use path • Ravensthorpe (Dewsbury Riverside) • Turnbridge Road, Kirkgate, Southgate and the Beast Market 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Kirklees

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DFT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	West Kirklees and Calderdale	Places to be considered for improvements - Options include: <ul style="list-style-type: none"> • Brighouse • Brighouse Rail Station Streetscape & Public Realm Improvement • Huddersfield 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Calderdale, Kirklees
More people walking and cycling	Active Travel Walking Cycling	Streets for People Town Centre and Neighbourhood Improvements	For walking Crossing points and dropped kerbs, Parking and loading restrictions, Pavement Widening, Public Realm, benches and street furniture, Street Trees, Sustainable Urban Drainage, Traffic Reduction and Management For cycling Segregated Routes (to DFT design LTN 1/20), Improved cycle parking, Traffic Reduction & Management	North Yorkshire and Leeds	Places to be considered for improvements include: <ul style="list-style-type: none"> • Chapel Allerton • Collingham • East Leeds Orbital Route • Garforth station - improved walking and cycling access • Meanwood • Seacroft Green Transport Interchange and Shopping Centre access Developing the Strategic Cycle Network - Options include: <ul style="list-style-type: none"> • Seacroft Green/NCN66 (A64) • Tadcaster connection to Leeds and Wetherby (A64) • Thorp Arch to Tadcaster (NCN 6654 extension) • Thorp Arch Estate to Boston Spa • Wetherby 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies Including: <ul style="list-style-type: none"> • Armley to Holbeck Copley Hill Junction Improvements and Low traffic neighbourhood connections to link West Leeds • Elmet Greenway Cyclelink from Crossgates to Wetherby • Outer Ring Road Cycle Network Delivery of Cycle Highway from Beeston to Tingley • Outer Ring Road Cycle Network Delivery of Cycle Highway from King Lane to Dawsons Corner 	Leeds
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	Five Towns to Leeds	Developing the Strategic Cycle Network - Options include: <ul style="list-style-type: none"> • Castleford Greenway to Aire and Calder Navigation • Castleford to Knottingley • Featherstone to Glasshoughton • Glasshoughton, Knottingley and Pontefract • Methley to National Cycle Network • Normanton, Featherstone and Pontefract • Newmarket to Normanton • Transpennine Cycle Route (Castleford – Newmarket Greenway) Improvements • Woodlesford to Castleford • Woodlesford to Allerton Bywater Junction and Route improvements - Options include: <ul style="list-style-type: none"> • Cutsyke to Castleford Greenway • Pontefract Race Course • Pontefract Lane • Streethouse to National Cycle Network • Sowgate Lane • Wheldale Lane 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Leeds, Wakefield

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	Wakefield to Leeds	<p>Developing the Strategic Cycle Network - Options include:</p> <ul style="list-style-type: none"> • Leeds to Wakefield • Leeds (East / West Ardsley) to surrounding settlements, and Outwood • Normanton Golf Club • Wakefield to Sandal and Agbrigg • Wakefield to Yorkshire Sculpture Park • Wakefield (South East suburbs - such as Crofton and Ryhill, Fitzwilliam and Hemsworth, Moorthorpe/South Kirkby/South Elmsall and Hemsworth) <p>Junction and Route improvements - Options include:</p> <ul style="list-style-type: none"> • M1 Junction 41 • M62 junction 30 Newmarket • M62 Junction 28 at Tingley • Wakefield housing esate routes (e.g Eastmoor and Lupset) • Wakefield – Horbury route improvements (e.g at Wakefield Golf Course) • Wakefield South West (e.g Calder Grove, Sandal, Pugneys, Kettlethorpe and Newmillerdam) • Notton to the TPT link via Old Royston <p>Potential Multimodal Hub Related Access Enhancement Options include:</p> <ul style="list-style-type: none"> • Wakefield Kirkgate Railway Station 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Leeds, Wakefield
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	Calder Valley, Bradford and Leeds	<p>Developing the Strategic Cycle Network - Options include:</p> <ul style="list-style-type: none"> • Brighouse to Cooper Bridge via Clifton • Brighouse to Hipperholme • Dean Clough to Crag Lane • Elland to Brighouse • Halifax to Keighley via Queensbury • Halifax to Shelf • Halifax to Ovenden • Halifax to Mixenden including Boy Lane • Hebble Trail & Calder Valley Cycleways • Ovenden to Holmfield & Illingworth • Rastrick to Elland • Woodhouse to Clifton <p>Junction and Route improvements - Options include:</p> <ul style="list-style-type: none"> • Buttershaw • East Halifax • New Works Road • Ovenden Brook • Royd Lane • Scholes • Wyke Tunnel • Wyke Common <p>Connecting Rail Stations - options include:</p> <ul style="list-style-type: none"> • Elland Railway Station Access • Halifax Railway Station with Hebble Valley • Low Moor Railway Station with South West Bradford 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Bradford, Calderdale

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	Leeds, Bradford and North Kirklees	<p>Developing the Strategic Cycle Network - Options include:</p> <ul style="list-style-type: none"> • Armley to Leeds Bradford Cycle Superhighway • Batley to Dewsbury • Bierley to Bradford • Bradford to Euroway Industrial Estate • Bramley to Leeds & Liverpool canal towpath • Buttershaw to Bradford • Chickenley to Dewsbury • Clayton to Bradford • Holme Wood to Bradford • Leeds city centre (Vicar Lane) • Links to Bradford Interchange • Low Moor rail station to Bradford, Scholes and Wyke • Pudsey and Farsley to New Pudsey rail station • Swinnow and Bramley to Bramley rail station • Thornhill Lees to Dewsbury • Tong Street/Wakefield Road (A650) cycle link to Bradford • Westwood Park to Bradford <p>Junction and Route improvements - Options include:</p> <ul style="list-style-type: none"> • Bradford Road/Halifax Road/Dewsbury Ring Road • Bradford Road (A652/Hick Lane (B6124) • Forge Lane/Saville Road/Thornhill Road • Great Horton Road(A647)/Pickles Lane • Halifax Road/Dewsbury Ring Road (A638) • Little Horton Lane/Senior Way junction improvement • Manchester Road (A641)/Smiddles Lane (A6177) • Oldfield Lane/Tong Road • Swinnow Road/A647 Ring Road • Stanningley Road/Hough Lane/Swinnow Road • Saville Road/Dewsbury Ring Road (B6409) • Tong Road/Whingate/Upper Wortley Road • Wakefield Road (A638)/Old Bank Road • Wakefield Road (A638)/Rishworth Road • Waterloo Lane (A657) • Wibsey Park Avenue/B6380 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Bradford, Kirklees, Leeds
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	South and East Leeds	<p>Developing the Strategic Cycle Network - Options include:</p> <ul style="list-style-type: none"> • A64 Ring Road to A64 York Road & Barwick Road • Beckett Street and Stanley road to St James' Hospital • Belle Isle and Hunslet via Balm Road • Churwell, Cottingley and White Rose Shopping Centre (A6110) • Churwell and Morley via Elland Road • Cross Gates Rail Station, Morley Station & Cottingley Station cycle parking improvements • Harehills, Gipton and Cross Gates via Foundry Lane • Holbeck to Beeston via Beeston Road • Hunslet Carr and White Rose Shopping Centre (A653) • Leeds to Leeds Enterprise Zone (NCR 66) • Seacroft to East Leeds Extension/Thorpe Park Growth Area (A64 York Road Cycle Super Highway) • Tingley and Middleton (A654) • Woodlesford Station Provision 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	Huddersfield and Leeds	<p>Developing the Strategic Cycle Network - Options include:</p> <ul style="list-style-type: none"> • Chidswell to Batley rail station • Holbeck Park to Leeds city centre • Hunslet Carr • Moat Hill Farm View and Pennine View link • Morley including access Morley rail station • Nab Lane from Copley Hill to Birstall Retail Park <p>Junction and Route improvements - Options include:</p> <ul style="list-style-type: none"> • A62 Leeds Road at A644 Huddersfield Road junction • A638 Bradford Road junction • Huddersfield Road/A649 Halifax Road junction • Lumb Lane/Norristhorpe Lane junction • Morley Queen Street/Station Road/Chapel Hill/Brunswick Street junction • A6110/A643 Elland Road junction • Muffit Lane junction • Oakwell Way junction 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Kirklees, Leeds
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	Airedale, Wharfedale and the Airport	<p>Developing the Strategic Cycle Network - Options include:</p> <ul style="list-style-type: none"> • Baildon to Esholt • Bradford city centre cycle improvements • Bradford to Frizinghall • Bramley cycle link to National Cycle Network and Leeds Bradford Cycle Superhighway • Calverley to Thornbury • Cottingley to Bingley cycle lane • Crossflatts cycle lane & walking improvements • Esholt to Guiseley • Guiseley Station cycle improvements • Keighley to Bingley • Kirkstall Forge to Bramley • Leeds Bradford Airport to Pool in Wharfedale • Otley and Burley-in-Wharfedale cycle path • Pannal, Weeton and Otley cycle network • Pudsey cycle lane to Leeds Bradford Cycle Superhighway • Pudsey to Apperley Bridge • Rawdon to Yeadon • Shipley, Idle and Apperley Bridge • Shipley to Saltaire rail station • Shipley, Baildon and Guiseley • Yeadon to Leeds Bradford Airport 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Bradford, Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	East Kirklees and Wakefield	<p>Developing the Strategic Cycle Network - Options include:</p> <ul style="list-style-type: none"> • Wakefield and Huddersfield (A642) including: <ul style="list-style-type: none"> • A642 crossing improvements • Gawthorpe (A642) • Horbury Bridge to Horbury along Calder Hebble Navigation • Little Lepton (A642) • Lepton Town Centre (A642 Highgate Lane) • National Coal Mining museum to Horbury Bridge at Middlestown (NCN) • Netherton (east, west and north) • Thornhill (A642) <p>Other Locations</p> <ul style="list-style-type: none"> • Almondbury Bank • Almondbury Bank, Broken Cross, Longcroft, Westgate (potential tunnel under Somerset Road) • Almondbury to Moldgreen • Batley Commercial Street • Batley Station Road • Batley to Chidswell • Batley to Dewsbury • Batley towards Chidswell • Berry Lane cycle improvements connecting to Northfield Lane • Chidswell Leeds Road (A653 Leeds Road) • Crow Nest Park cycle route • Dewsbury and Batley (A652 Bradford Road) • Dewsbury rail station and Kirklees College Dewsbury Campus • Dewsbury rail station and Ravensthorpe (A644 Huddersfield Road) • Dewsbury Riverside (North West) • Dewsbury Riverside to Dewsbury Town Centre • Dewsbury Riverside to Thornhill • Dewsbury to Ossett (B6128 Owl Lane) • Dewsbury town centre to Spen Valley Greenway • Fenay Bridge quiet streets and 'mini Holland' • Flockton to Emley (including improved crossings of A637) • Grange Road – Chidswell cycle link • Horbury town centre • Huddersfield University foot and cycle bridge • Huddersfield University improved access (including a new bridge at Crowther Street over the River Colne) • Kirklees College to Huddersfield Bus Station • Kirkburton branch line cycleway • Kirklees Light Railway path upgrade to shared use path • Leeds Road (Dewsbury) • Leeds Beck to John Smith's Stadium (A62) • Leeds Road corridor (A62) between St. Peter's Church in Huddersfield Town Centre Deighton and Deighton Rail Station • Lepton Town Centre shared use path • Long Moor Lane to Shepley cycleway • Long Moor Lane, Shelley to Shepley station • Lower Houses greenway • Lupset (Broadway) • Mirfield – Dewsbury (via canal towpath) • Moorlands Road cycleway • North-east Dewsbury (Wakefield Road and Leeds Road) • Ossett to Horbury (NCN) • Ossett town centre and Flushdyke • Penistone Road (A629) • Ravensthorpe – Mirfield • Ravensthorpe to Dewsbury (East)(extension of Spen Valley Greenway to Dewsbury Riverside) • Ravensthorpe to Dewsbury (West) (A644 Huddersfield Road and Steanard Lane to Dewsbury Riverside) • Ravensthorpe to Mirfield (A644 Huddersfield Road) • Rawthorpe Cycle Link (A62 Leeds Road and Brown Royd Avenue) • Shelley Woodhouse Lane shared use path • Skelmanthorpe/Barncliffe Hill • Thornhill Edge and Dewsbury Riverside • Wakefield (A638 Dewsbury Road between Wakefield Westgate and Silkwood Park/Queen's Drive) • Wakefield city centre improving links to rail station and bus station • Wakefield Old Road to Ossett Street Side (including crossing improvements across A638) • West Wells Road to Horbury Bridge (NCN 699) 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Kirklees, Wakefield

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	West Kirklees and Calderdale	<p>Developing the Strategic Cycle Network - Options include:</p> <ul style="list-style-type: none"> • A629 and Bradley Mills Road • A644 west of Ravensthorpe to Ravensthorpe rail station • Berry Brow to Lockwood • Birkby Bradley Greenway upgrade • Bradley to Deighton • Brighouse rail station to river cycle path • Calder Valley Cycleway through Brighouse • Clifton to Brighouse and Cooper Bridge • Cooper Bridge to Huddersfield Town Centre via Huddersfield Broad Canal • Dewsbury Riverside through Hagg Wood • Elland and Brighouse via Calder Hebble Navigation • Elland Lower Edge to Brighouse • Huddersfield Town Centre to the east of Huddersfield • Huddersfield (north west) to Huddersfield Town Centre • Huddersfield (West) to Huddersfield town centre • Huddersfield University (Lockwood to University, Berry Brow to University, Kings Mill Lane to University) • Huddersfield (North) to Brighouse • Long Lane cycle route into Honley, Hanging Stone Road cycle route • Marsden rail station • Mirfield routes including; North Mirfield cycle loop, Mirfield Waterside Walk cycle path upgrade, A644 east of Mirfield to town centre, access to Mirfield rail station and Mirfield to Battyeford to Cooper Bridge • Paddock to Huddersfield Town Centre • New Mill Road to Holmfirth town centre • Red Doles Road cycle path • Slaithwaite rail station and town centre • Smithy Place cycle route • South Brighouse - Toothill Bank to Fixby Road • St Andrews Road Huddersfield cycle route <p>Station locations considered for improvement include:</p> <ul style="list-style-type: none"> • Brighouse Railway Station to Clifton, Rastrick, Woodhouse & Fixby 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Kirklees, Calderdale

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people walking and cycling	Active Travel Cycling	Strategic Cycle Network Improvements	New Segregated Routes (LTN 1/20) and Crossing points, New Off-Road Routes, Improved Cycle Parking, Barrier Removal, Re-surfacing, Widening, Traffic Reduction & Management, Parking and Loading Restrictions	North Yorkshire and Leeds	Developing the Strategic Cycle Network - Options include: <ul style="list-style-type: none"> • Chapel Allerton centre to Gledhow Valley cycle route • Chapel Allerton to Moortown (A61) Gledhow Valley cycle route • Church Lane to Tongue Lane cycle route • Cross Gates station to Thorpe Park at Austhorpe • East End cycle route • Easterly Road cycle route • Harehills Avenue cycle route • Harehills Lane cycle route • Gipton and Seacroft cycle route • Gledhow Valley to Roundhay cycle route • Gledhow Valley Road between Harrogate Road and Roundhay Road • Leeds University to Carlton Hill to Scott Hall Road cycle route • M1 Junction 47 • Meanwood Road to Green Road • Meanwood Valley and Chapel Allerton • Meanwood Road and Ring Road • Osmondthorpe cycle route • Roundhay Road to York Road cycle route • Southern Parkway cycle route • Stonegate Lane (B6157) and King Lane between Moortown Corner • Scott Hall Road to Sheepscar to Harehills cycle route • Sandmoor Lane to Sandhill Drive cycle intervention • Temple Green to Colton cycle route • Thorpe Park northern route • Whinmoor cycle route • Whinmoor to Scholes cycle route 	Local Cycling and Walking Infrastructure Plans West Yorkshire District Cycle Strategies	Leeds
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes	Five Towns to Leeds	Options include: <ul style="list-style-type: none"> • Aire Valley Enterprise Zone • Astley Lane-Leeds Lane • B6136 • Calverley Road (A642) • Castleford/Glasshoughton (A656) • Castleford Beancroft Road (N-S route) • Castleford Road • Castleford Road • Castleford, Castleford • Featherstone • Five Towns to East Leeds QBC • Glasshoughton road (Colorado Way, A639) • Green Lane Featherstone • Hightown • Knottingley Road (A655) • Mickleton Methley Road • Pontefract Road (A639) • Sewerbridge Lane • Stourton/Rothwell • Wakefield Road bus priority north west of Normanton Town Centre • Whitwood, A645 Streethouse • Whitwood Mere (A6032) • Woodlesford (A639) 	West Yorkshire Strategic Bus Network Review	Leeds, Wakefield

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, Bus Gates	Wakefield to Leeds	Options include: <ul style="list-style-type: none"> • A61 cross-boundary improvements • A636 bus priority near Durkar • Asdale Road Bus Priority • Barnsley Road (A61) Bus priority • Calder Crossing, George A Green Road • Carr Gate Bus/Cycling Hub • Chapelthorpe Bus Priority • Dewsbury Road (A638) between M1 J40 and Wakefield • Doncaster Road (A61) Bus priority • Doncaster Road (A638) East Bus Priority • Hemsworth Bus Priority North • Hemsworth Bus Priority South • Horbury RSR • Horbury Road (A642) between Horbury and Wakefield QBC • Junction 39, near Horbury and Calder Grove • Junction 40 near Ossett • Lofthouse RSR • M62 Junction 38 • Osset Bus Priority • Wakefield - Pinderfields Road, Park Lodge Lane Road • Wakefield Road (A642) • Wakefield (A650) - Tingley Road, Rook's Nest Road, Stanley Road • Thornbury Road Bus Priority 	West Yorkshire Strategic Bus Network Review	Wakefield, Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, Bus Gates	Calder Valley, Bradford and Leeds	<p>Options include:</p> <ul style="list-style-type: none"> • A641 guided busway upgrade to bus lane • Bradford Road bus gates at Cleckheaton (A638) • Bradford Road (A651)/A650 Tong Street • Brighouse Bus Routing (Reopen town centre routes to bus traffic and implement bus priority) • Brighouse Long Lane Bus priority to integrate other modes with Brighouse Train Station • Brighouse Rail Station integration other modes • Canterbury Avenue bus lane • Carr Hall Road to Summer Hall Ing bus lane (A641), Lower School Street to Manchester Road central bus lane (Senior Way to A641/A6181), Manchester Road northbound bus lane (Manchester Road layby to Burnett Avenue) • Clayton Road, Spencer Road to Lidget Terrace • Cleckheaton bus station to A638 • Cleckheaton Road bus lanes Chapel Road to Common Road, Belmont Grove to Glenfell Mount • Cleckheaton Road Bus Priority, adjacent to Low Moor Station • Croft Street, A641 to Vicar Lane • Dewsbury Road Bus Priority on approach to Elland on B6114 • Easby Road/Morley Street bus lane • Elland - Bus Routing and Priority on Huddersfield Road and Elland Riorges Link • Elland Integrated Transport Hub integration other modes • Fairfield Avenue, Edge End Road/Reevy Avenue • Gelderd Road/Branch End (A62) • Gelderd Road/Domestic Road Junction (A62) • Great Horton Road, Horton Grange Road to Shearbridge Place • Great Horton Road, Union Road to Horton Park Avenue (A6177) • Great Horton Road Texaco to Old Road, Great Horton Road White Horse to Havelock Street, Highgate Road New House Lane/Smithy Fold (A647) • Halifax Road, Tesco to Brentwood Gardens (A6036) • Halifax and Ovenden (A629) bus priority • Halifax Integrated Transport Hub, integration other modes • Heckmondwike stopping area • Huddersfield Road (B6379)/A641 Woodside Road • Laisteridge Lane, Horton Park Avenue/Dirkhill Road • Legrams Lane bus lanes Cumberland Road to Hilton Road, Rugby Place to Cottam Avenue, Greyhound Drive to Archibald Street • Listerhills Road Phoenix Filling Station to Listerhills Road • Low Moor Station • Manchester Road/A6177 Smiddles Lane (A641) • Manchester Road/Croft Street bus gate (A641) • M62 Junction 24 Park & Ride • M62 Junction 25 Park & Ride • M62 Junction 26 (Chain Bar) Park & Ride • Mixenden Bus Priority • Northgate from St George Street. • Park Ward Bus Priority on A58 Kings Cross Road • Ravensthorpe to Dewsbury and District Hospital Direct bus service: • Ravensthorpe Rail Station bus services • Sowerby Bridge • St Enoch's Road/Little Horton Lane bus lane • Whitehall Road/Branch Road (A58) • Whitehall Road/King Street (A58) • Wheatley Bus Priority on Ovenden Way • Wibsey Park Avenue bus lanes, Boston Walk to Reevy Road, Victoria Road to B6380/St Helena Road/Fair Road 	West Yorkshire Strategic Bus Network Review	Bradford, Calderdale, Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, Bus Gates	More people use public transport	Options include: <ul style="list-style-type: none"> • Armley Road bus priority from A647 Canal Street bypassing Armley gyratory • Armley Road bus gate (A647) • Armley Road/ A58 Wellington Road bus gate • Bradford Road (A638) between Snelsins Lane and Cleckheaton Sports Club, • Bradford Road to bus lane between Marsh Street and Ings Road, bus lane • Bradford Road/ A647 ring road public transport junction improvement • Bradford Road (A647) Ring Road to Leeds Road/Dick Lane • Bradford Road/Woodhall Lane/Galloway Lane public transport junction improvement • Bradford Road (A651) bus lane between Threelands and Mulberry Court • Bradford Road bus lane between West Yorkshire Fire & Rescue and Vicarage Gardens • Bradford Road (A652) bus lane - Rouse Mill Lane to JD Gyms • Bradford Road bus lane between from A62 Huddersfield Road and Arthur Grove • Bradford Road bus lane from Wilton Park Batley and Cemetery Way • Bradford Road/Dewsbury Road bus lane between Moor Lane and Whewell Street • Bradford Road/Dewsbury Road to provide bus lane between Moor Lane and Whewell Street • Bradford Road (B6157) (West Terrace Street to Arthur Street) bus lane • Bradford Road (Woodlands Terrace to Ring Road) bus lane • Barkerend Road (B6381/A6177 to Silkstone Road) bus lane • Barkerend Road (B6381/Gilpin Street to Binnie Street) bus lane • Bradford Road to provide bus lane between British Ceramic Tile and St Andrew's Crescent • Birstall Bus Hub • Cleckheaton Roadbus lane between Teasel Close and Albert Terrace • Dewsbury Road bus lane between A651 Oxford Road and Summerdale • Garnett Street to Track Road, bus lane - B6123 Batley Road to Common Road) • Gelderd Road (A62) bus lane John Charles Way to Domestic Road • Gelderd Road/A6110 junction improvement • Gildersome Lane junction • Heckmondwike Grammar School to B6123 Batley Road, Birkdale Road to current bus lane • Heckmondwike Road (B6117) bus lane - Gledhill Terrace to Staincliffe Road • Leeds Old Road (Roydstone Road to B6381/A6177) bus lane • Leeds Road A647/A6177 to Leeds Road/Gipsy Street • Leeds Road Downham Street to Orange Street • Leeds Road bus gate • Leeds Road/A6177 Laisterdyke public transport junction improvement • M62 Junction 26 Chain Bar • Oxford Road bus lane between Craven Lane and A62 Leeds • Oxford Road bus lane between Queen Street and A652 Dewsbury Road • Provide a bus lane between John Charles Way/Domestic Road. • Provide greater priority for buses at A58 Whitehall Road/Back • Shipley Airedale Road (A658 to A6181) bus lane • Shipley Airedale Road (A650) bus lane to Bridge Street and Bradford Interchange • Shipley Airedale Road/A6181 Leeds Road junction - bus only right turn • Shipley Airedale Road/A658 Barkerend Road public transport junction improvement • Stanningley Road (Swinnow Lane to Dolphin Court) bus lane • Stanningley Road/Armley Road/Ledgard Way public transport junction improvement • Swinnow Road bus lane between Britannia and A647 Ring Road • Tong Road (Wesley Road to Fearnley Place) bus lane • Tong Road bus lane extension to Carr Crofts • Tong Street bus lane between LC Vehicle Hire and Hopkin Street • Tong Street bus lane between Ashfield and Shirley Road • Tong Street bus lane between Lordsfield Place and Prince Street • Tong Street bus lane between Weaverthorpe Road and Tennis Avenue • Whitehall Road (A58)/A6110 junction improvement • Whitehall Road (A58)/Back Lane/Gildersome Lane public 	West Yorkshire Strategic Bus Network Review	Bradford, Kirklees, Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, Bus Gates	South and East Leeds	Options include: <ul style="list-style-type: none"> • Chapel Allerton/Harehills • Dewsbury Road(A653)/Ring Road/Old Lane junction improvement • East Leeds Orbital Route to Thorpe Park • Grimes Dyke, East of the A6120 Park & Ride • Meanwood/Chapel Allerton/Harehills • Smithies Moor Lane/A62 Huddersfield Road/A652 Bradford Road • Spen Lane (A643)/A651 Oxford Road junction improvement • Tadcaster/Leeds between Leeds City Centre/A64 • Temple Green P&R/Leeds (via A63 Pontefract Lane) bus lane • Thorp Arch and Boston Spa/Clifford - through Sheepscar/Harehills/Roundhay • Thorp Arch to York • Thorpe Park and the East Leeds Extension along the East Leeds Orbital Road • Thorpe Park shopping complex/Garforth • Tingley at M62 Junction 28 Park & Ride 	West Yorkshire Strategic Bus Network Review	Leeds
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, Bus Gates	Huddersfield and Leeds	Options include: <ul style="list-style-type: none"> • Birstall Retail Park • Elland Road(A643)/Millshaw junction • Elland Road A6110/A643 junction • Leeds Road/A62 Gelderd Road junction • Leeds Road(A62)/Stocks Bank Road junction • Leeds Old Road/White Lee Road junction • Morley, Queen Street/Station Road/Chapel Hill/Brunswick Street junction • Old Bank Road/Greenside Road junction • Rein Road (A653) to Tingley Interchange northbound • Tingley M62 Junction 28 Park & Ride 	West Yorkshire Strategic Bus Network Review	Kirklees, Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, Bus Gates	Airedale, Wharfedale and the Airport	Options include: <ul style="list-style-type: none"> • Apperley Bridge • Apperley Bridge • Baildon • Baildon A6038 • Bradford • Bradford A6176 • Bradford A647 • Bradford Kings Road • Bradford, • Bradford/Idle Road • Bramley • Bramley A647 • BRI • Burley-in-Wharfedale - Bradford and Otley • Cottingley • Guiseley • Idle • Laisterdyke • Leeds • Leeds Bradford Airport Bradford • Otley • Pudsey • Rawdon • Shipley • Shipley • Shipley A6038 Guiseley/Yedon Queensway • Shipley A657 • Shipley/Idle Wrose Road • South Bradford • Thornbury A647 • Weeton • Yeadon, Leeds Bradford Airport 	West Yorkshire Strategic Bus Network Review	Bradford, Kirklees, Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use Public Transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, Bus Gates	East Kirklees and Wakefield	Options include: <ul style="list-style-type: none"> Bradford Road (A652) between Textile Street/Bradford Road/Station Road junction Thornhill Batley Business Park/Ossett Street Side B6128 Batley/Chidswell/Flushdyke Croftflat Drive roundabout/Waterloo Road priority Cross Lane from Horbury Road/Dewsbury Road, connecting Silkwood Park/Flushdyke/Chidswell with Horbury/south-eastern Kirklees Deighton bus gate/priority measures Dewsbury Bradford Road bus infrastructure, from Northgate/Victoria Road Dewsbury Road from St. Michael's gyratory to Silkwood Park Dewsbury/Ravensthorpe, A644 Huddersfield Road between Dewsbury bus station/Ravensthorpe East Kirklees new route (to Clayton West/Skelmanthorpe/Shepley/Denby Dale via the A635/B6116/A629) East Kirklees bus improvements (Flockton/Emley/Skelmanthorpe) George A Green Road from Horbury Road/ Dewsbury Road, connecting Silkwood Park/Flushdyke/Chidswell with Horbury/south-eastern Kirklees Horbury Road corridor between Westgate and Northfield Lane junction in Horbury Horbury station/Horbury Bridge busway with bridge across river Calder Horbury station/Town centre busway via Quarry Road Horbury station/Storrs Hill Road to Ossett bus station Leeds Rd over railway Leeds Road from central Dewsbury/Shaw Cross Lupset Broadway, Horbury Road/Dewsbury Road, connecting Silkwood Park/Flushdyke/Chidswell with Horbury/South-eastern Kirklees Mirfield -Ravensthorpe bus improvements, A644 Huddersfield Road between Knowl Road/Stearnard Lane Mirfield/Ravensthorpe bus improvements, A644 Huddersfield Road between Ravensthorpe town centre/Old Mill Lane Northfield Lane (A629)/Wakefield Road Northfield Lane/Southfield Lane (A642) between Wakefield Road/Quarry Hill Ossett busway & Horbury station Ossett busway alternative (Healey Road) Ossett Street Side along Dewsbury Road between Trinity View/Stithy Street connecting Horbury/Ossett/Chidswell/Flushdyke Quarry Hill bus gate and westbound bus lane, Quarry Hill between Grove Road/Horbury Station Quarry Hill junction improvement and signalisation Old Mill Lane/Huddersfield Bus Station along Southgate/Kirkgate/Westgate priority Savile Road (B6409) between Dewsbury Bus Station/Forge Lane Silkwood Park and Ride, M1 J40 towards Wakefield/Flushdyke Silkwood/Flushdyke bus priority through Flushdyke Interchange Wakefield Road from central Dewsbury to Owl Lane junction Wakefield Road (A642) between King's Mill Lane/Waterloo Road Wakefield Road outbound bus lane/priority measures 	West Yorkshire Strategic Bus Network Review	Kirklees, Wakefield
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, Bus Gates	West Kirklees and Calderdale	Options include: <ul style="list-style-type: none"> Crowtrees Lane (A643) / New Hey Road Huddersfield Bradford Road (A641) (Brackenhall and Huddersfield Town Centre) Southgate to Huddersfield bus station via rail station 	West Yorkshire Strategic Bus Network Review	Calderdale, Kirklees

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use public transport	Bus	Bus priority	Bus priority and quality bus corridors, including reallocating road space for bus lanes, bus gates	North Yorkshire and Leeds	Options include: <ul style="list-style-type: none"> • A658/A61 junction near Pannal • Garforth A63 junction improvements • Redhall to Seacroft (A6120) bus corridor • Thorpe Park-Seacroft-York Road bus corridor 	West Yorkshire Strategic Bus Network Review Additional options could include: <ul style="list-style-type: none"> • A61N Scott Hall Road • A660 City Centre to Outer Ring Road • A660 City Gateway - Woodhouse Lane and Blenheim Terrace 	Leeds
More people use Public Transport	Bus	Bus Park and Ride	New park and ride facilities	Wakefield to Leeds	Options include: <ul style="list-style-type: none"> • Junction 39, near Horbury and Calder Grove • Junction 40 near Ossett 	West Yorkshire Strategic Bus Network Review	Wakefield, Leeds
More people use Public Transport	Bus	Bus or Mass Transit Park and Ride	New park and ride facilities	Calder Valley, Bradford and Leeds	Options include: <ul style="list-style-type: none"> • M62 Junction 24, M62 Junction 25, M62 Junction 26 (Chain Bar) 	West Yorkshire Strategic Bus Network Review West Yorkshire Mass Transit Vision 2040	Calderdale, Bradford, Leeds
More people use Public Transport	Bus	Bus or Mass Transit Park and Ride	New park and ride facilities	Leeds, Bradford and North Kirklees	Options include: <ul style="list-style-type: none"> • M62 Junction 26 (Chain Bar) 	West Yorkshire Mass Transit Vision 2040	Bradford, Kirklees, Leeds
More people use Public Transport	Bus	Bus or Mass Transit Park and Ride	New park and ride facilities	South and East Leeds	Options include: <ul style="list-style-type: none"> • East Leeds P&R • Tingley M62 Junction 28 	West Yorkshire Mass Transit Vision 2040	Leeds
More people use Public Transport	Bus	Bus or Mass Transit Park and Ride	New park and ride facilities	Huddersfield and Leeds	Options include: <ul style="list-style-type: none"> • Tingley M62 Junction 28 	West Yorkshire Mass Transit Vision 2040	Kirklees, Leeds
More people use Public Transport	Bus	Bus Park and Ride	New park and ride facilities	North Yorkshire and Leeds	Options include: <ul style="list-style-type: none"> • Junction of the A658 and A61 near Pannal 	West Yorkshire Strategic Bus Network Review	Leeds
More people use Public Transport	Bus	Bus Interchange	New stations and hubs, maintenance and improvements to existing bus stations and hubs	All	Options to be developed from the West Yorkshire Strategic Bus Network Review and Combined Authority Asset Development Plan for Public Transport assets	West Yorkshire Strategic Bus Network Review Combined Authority Asset Development Plan for Public Transport assets	All
More people use Public Transport	Rail	Existing rail station improvements	New and extended platforms, lighting and accessibility improvements, cycle and car parking	Five Towns to Leeds	Options include: <ul style="list-style-type: none"> • Castleford station • Featherstone rail station • Knottingley rail station • Normanton rail station • Pontefract Monkhill rail station • Pontefract Tanshelf rail station • Streethouse rail station 	West Yorkshire Rail Strategy	Wakefield
More people use Public Transport More people walking and cycling	Rail	Existing rail station improvements	New and extended platforms, lighting and accessibility improvements, cycle and car parking	South and East Leeds	Options include: <ul style="list-style-type: none"> • Cottingley Station • Cross Gates Station • Morley Station • Pontefract • Seacroft and Cross Gates • Woodelsford Station 	West Yorkshire Rail Strategy West Yorkshire District priorities: Additional options could include: <ul style="list-style-type: none"> • Horsforth Station Rail Accessibility Program, step free access and Passenger footbridge • New Pudsey Park & Ride 	Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
Encourage more people to walk/ use PT	Rail	Existing rail station improvements	New and extended platforms, lighting and accessibility improvements, cycle and car parking	Airedale, Wharfedale and the Airport	Options include: <ul style="list-style-type: none"> • Apperley Bridge Rail Station • Bradford Rail station • Burley in Wharfedale Rail station, • Guiseley Rail Station • Leeds Rail station • Saltaire Rail station • Shipley Rail station 	West Yorkshire Rail Strategy	Bradford, Leeds
More people use Public Transport	Rail	Existing rail station improvements	New and extended platforms, lighting and accessibility improvements, cycle and car parking	East Kirklees and Wakefield	Options include: <ul style="list-style-type: none"> • Batley station gateway improvements • Mirfield Station • Ravensthorpe Station • Shepley Station • Shepley station • Thornhill Station • Wakefield Kirkgate station 	West Yorkshire Rail Strategy	Kirklees, Wakefield
More people use Public Transport	Rail	Existing rail station	Relocation of railway station	West Kirklees and Calderdale	Options include: <ul style="list-style-type: none"> • Deighton Railway station relocated northwards towards Bradley 	West Yorkshire Rail Strategy	Kirklees
More people use Public Transport	Rail	Existing rail station improvements	New and extended platforms, lighting and accessibility improvements, cycle and car parking	North Yorkshire and Leeds	Options include: <ul style="list-style-type: none"> • Weeton station 	West Yorkshire Rail Strategy	Leeds
More people use Public Transport	Rail	New Rail Station	New rail station	South and East Leeds		West Yorkshire Rail Strategy - New rail stations as identified in ongoing Rail Strategy workstreams	Leeds
More people use Public Transport	Rail	New Rail Station	New rail station	East Kirklees and Wakefield		West Yorkshire Rail Strategy - New rail stations as identified in ongoing Rail Strategy workstreams'	Kirklees
More people use Public Transport	Rail	Rail Park & Ride	New or extended car parking provision at rail stations	South and East Leeds	Options include: <ul style="list-style-type: none"> • Cottingley Station • Cross Gates Station • Morley Station • Woodelsford Station 	West Yorkshire Rail Strategy	Leeds
More people use Public Transport	Rail	Rail Park & Ride	New or extended car parking provision at rail stations	East Kirklees and Wakefield	Options include: <ul style="list-style-type: none"> • Shepley Station 	West Yorkshire Rail Strategy	Kirklees
More people use Public Transport	Rail	Heavy Rail Upgrade - Local	Significant upgrade of local lines for increased frequencies and speed improvement	South and East Leeds	Options include: <ul style="list-style-type: none"> • Pontefract Line 	West Yorkshire Rail Strategy	Leeds, Wakefield

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use Public Transport	Rail	Heavy Rail Upgrade - Regional/National	New lines and significant upgrade of lines for increased frequencies and speed improvement	n/a	West Yorkshire Rail Strategy Includes completion of: <ul style="list-style-type: none"> • Transpennine Route Upgrade (TRU) - upgrade • East Coast Mainline (ECML) - upgrade • Calder Valley Line - upgrade • High Speed Rail 2 (HS2) - new line • Northern Powerhouse Rail (NPR) - new line 	West Yorkshire Rail Strategy	All
More people use Public Transport	Mass Transit	WY Mass transit	New transport link, station and facilities	Five towns to Leeds	Wakefield and Five Towns: See page 38 of Mass Transit Vision for locations	West Yorkshire Mass Transit Vision 2040	Leeds, Wakefield,
More people use Public Transport	Mass Transit	WY Mass transit	New transport link, station and facilities	Calder Valley, Bradford and Leeds	Bradford – Leeds: See page 28 of Mass Transit Vision for locations Bradford – Halifax: See page 36 of Mass Transit Vision for locations	West Yorkshire Mass Transit Vision 2040	Bradford, Calderdale, Kirklees, Leeds
More people use Public Transport	Mass Transit	WY Mass transit	New transport link, station and facilities	Leeds, Bradford and North Kirklees	Bradford – Dewsbury: See page 32 of Mass Transit Vision for locations Bradford – Halifax: : See page 36 of Mass Transit Vision for locations Huddersfield – Dewsbury : See page 34 of Mass Transit Vision for locations	West Yorkshire Mass Transit Vision 2040	Bradford, Leeds, Kirklees
More people use Public Transport	Mass Transit	WY Mass transit	New transport link, station and facilities	South and East Leeds	South Leeds – Dewsbury: See page 30 of Mass Transit Vision for locations East Leeds: See page 26 of Mass Transit Vision for locations	West Yorkshire Mass Transit Vision 2040	Leeds
More people use Public Transport	Mass Transit	WY Mass transit	New transport link, station and facilities	East Kirklees and Wakefield	South Leeds – Dewsbury: See page 30 of Mass Transit Vision for locations Wakefield and Five Towns: See page 38 of Mass Transit Vision for locations	West Yorkshire Mass Transit Vision 2040	Wakefield, Kirklees
More people use Public Transport	Mass Transit	WY Mass transit	New transport link, station and facilities	North Yorkshire and Leeds	Bradford and North West Leeds: See page 40 of Mass Transit Vision for locations North Leeds: : See page 42 of Mass Transit Vision for locations	West Yorkshire Mass Transit Vision 2040	Bradford, Leeds
More people use Public Transport	Future Mobility	Demand Responsive Transport	Flexibly routed digital bus services	All	Options include: <ul style="list-style-type: none"> • Calderdale • East Leeds • Heckmondwike to Dewsbury Rail Station • North Wakefield • New Pudsey Rail Station from Fartown/Roker Lane area • Pudsey Bus Station to New Pudsey Rail Station • South East Wakefield • South West Wakefield 	West Yorkshire Mass Transit Vision 2040	All
More people use Public Transport	Future Mobility	Mobility Hubs	Interchange opportunities between a range of traditional and future mobility transport services	All	Options include: <ul style="list-style-type: none"> • Wakefield train station mobility hubs (Wakefield Kirkgate or Wakefield Westgate) • Calderdale train station mobility hubs (Todmorden, Mytholmroyd or Hebden Bridge) • Leeds mobility hubs (East Leeds site linked to DRT services and Leeds City Centre) 	West Yorkshire Future Mobility Strategy	All
More people use Public Transport	Future Mobility	Mobility as a Service	Ticketing and transport information	All	Options include: <ul style="list-style-type: none"> • Development of the MCard app to further integrate ticketing and information services 	West Yorkshire Future Mobility Strategy	All

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
More people use Public Transport	Future Mobility	Shared Transport	Shared transport schemes such as car and bike share schemes to support a reduction in private car use	All	Options include: <ul style="list-style-type: none"> Expansion of the West Yorkshire Car Club to increase coverage in urban areas, local centres and residential areas Opportunities for new shared transport schemes in West Yorkshire in urban areas and along key corridors (e.g. bike share) Integration of shared modes into above mobility hubs 	West Yorkshire Future Mobility Strategy	All
Improve traffic flow, better provision for buses, cyclists, motobikes, pedestrians	Road	Major Road Network Asset maintenance and renewal	Highways, bridges, structures, lighting and drainage renewal, pothole repairs, cycle facilities, flood resilience improvements	All	Options to be developed from the West Yorkshire District Highways Asset Management Plans	West Yorkshire District Highways Asset Management Plans	All
Improve traffic flow, better provision for buses, cyclists, motobikes, pedestrians	Road	Major Road Network improvements	Targeted road improvements	Five towns to Leeds	Options include: <ul style="list-style-type: none"> Southern Knottingley Link Road South Featherstone Link Road 	West Yorkshire District Local Plans TfN Major Road Network and Implementation Plan	Leeds, Wakefield
Improve traffic flow, better provision for buses, cyclists, motobikes, pedestrians	Road	Major Road Network improvements	Targeted road improvements	Calder Valley, Bradford and Leeds	Options include: <ul style="list-style-type: none"> Hipperholme Relief Road (North) Hipperholme Relief Road (West) 	West Yorkshire District Local Plans TfN Major Road Network and Implementation Plan	Bradford, Leeds
Improve traffic flow, better provision for buses, cyclists, motobikes, pedestrians	Road	Major Road Network improvements	Targeted road improvements	South and East Leeds	Options include: <ul style="list-style-type: none"> Beeston (A653 and Old Lane/Ring Road junction) Holbeck (Geldard Road/Whitehall Road/Domestic Road junction) Seacroft (A58/A6120 junction) St James's hospital/Beckett Street junction White Rose Centre, (A6110/White Rose Centre access road junction and A61/A639 junction) 	West Yorkshire District Local Plans TfN Major Road Network and Implementation Plan	Leeds
Improve traffic flow, better provision for buses, cyclists, motobikes, pedestrians	Road	Major Road Network improvements	Targeted road improvements	Airedale, Wharfedale and the Airport	Options include: <ul style="list-style-type: none"> Apperley Bridge A657/A658 junction Bradford A6120/A657 junction Bradford A6177/Canal Road junction Bradford A6177/Manningham Lane junction Bradford Manningham Lane Esholt Ainsbury Ave (Esholt and Apperley Bridge) Keighley highstreet roundabout Keighley A6035/A650 junction Keighley Bradford Road Pannal A658/A61 junction ShIPLEY A650/A657 junction 	West Yorkshire District Local Plans TfN Major Road Network and Implementation Plan	Bradford, Leeds

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
Improve traffic flow, better provision for buses, cyclists, motobikes, pedestrians	<u>Road</u>	<u>Major Road Network improvements</u>	Targeted road improvements	East Kirklees and Wakefield	Options include: <ul style="list-style-type: none"> • Bradford Road/Station Road junction • Chapel Hill (Castlegate, Chapel Hill and Manchester Road junction) • Dalton Green Lane/A629 Wakefield Road junction • Henrietta Street junction • Huddersfield (Market Street/Merton Street/Castlegate/High Street junction) • Moldgreen (A644 Wakefield Road/Almondbury Bank/Broad Lane junction) • Northfield Lane junction • Owl Lane junction • Ravensthorpe Town Centre junctions • Somerset Road junction • Thornbury Road junction • Waterloo Road (A642 Wakefield Road/A629 Penistone Road/Waterloo Road junction) • Waterton Road/Flanshaw Lane junction • Westgate End/St. Michael's Gyrotary junction 	West Yorkshire District Local Plans TfN Major Road Network and Implementation Plan	Kirklees, Wakefield
Improve traffic flow, better provision for buses, cyclists, motobikes, pedestrians	<u>Road</u>	<u>Major Road Network improvements</u>	Targeted road improvements	West Kirklees and Calderdale	Options include: <ul style="list-style-type: none"> • Cooper Bridge roundabout • Valley Road/Manchester Road junction 	West Yorkshire District Local Plans TfN Major Road Network and Implementation Plan	Calderdale, Kirklees
Improve traffic flow, better provision for buses, cyclists, motobikes, pedestrians	<u>Road</u>	<u>Major Road Network improvements</u>	Targeted road improvements	North Yorkshire and Leeds	Options include: <ul style="list-style-type: none"> • Garforth (A63 Selby Road junctions between Wakefield Road and Cliff Top) • Harrogate Road (A61)/Otley Road (A659) 	Locations could include: <ul style="list-style-type: none"> • A6110 Eiland Road Junction improvement scheme • A6110 Junctions improvement scheme • A6120 Horsforth Upgrade roundabout to improve efficiency and tie in ORR Cycle Network • A6120 King Lane Upgrade roundabout to include crossing facilities for pedestrians/cyclists • A6120 Shadwell Lane Upgrade junction to improve efficiency and safe connection for ORR Cycle Network • A660 A6120 Junction at Lawnswood Upgrade roundabout to include crossing facilities for NMUs • City Centre Package Phase 2 Improvements to M621, Road signing and traffic reduction in Holbeck • Regent Street Flyover Bridge replacement scheme on A64(M) • Stanningley Bypass 	Leeds
More people use Public Transport	<u>Road</u>	<u>Electric Vehicle charge points</u>	Electric vehicle charge points	All	Options include: <ul style="list-style-type: none"> • Key corridor charging points • Destination charging points • Residential area charging points, including areas with no off-street parking 	West Yorkshire Future Mobility Strategy	All

Outcome	Programme	Intervention	Description Schemes could include:	Connectivity Corridor	Locations Options from Connectivity Corridor Case for Change reports	Additional Location Options from other sources	Location
Reduce the need for Travel	Road	First and Last Mile Freight	Localised consolidation and distribution opportunities for personal collection, micro-delivery (e.g. E-cargo bike delivery)	All	Options include: <ul style="list-style-type: none"> • Leeds City Centres • Bradford City Centre • Wakefield City Centre • Huddersfield Town Centre • Halifax Town Centre • Main train stations • Park and ride sites 	West Yorkshire Future Mobility Strategy	All
Reduced need for travel Improve network efficiency and passenger experience	Digital	Digitally enabled transport network	Digital technology enhancing the management and operation of transport infrastructure, including digital signalling and real-time monitoring of infrastructure and climatic conditions.	All	Options to be considered in parallel with the development of all transport connectivity schemes	Digital Framework	All
Reduced need for travel Improve network efficiency and passenger experience	Digital	Digital passenger experience	Digital infrastructure providing a fully connected passenger experience for the all journeys and modes using 5G mobile connectivity along transport routes and station wi-fi.	All	Options to be considered in parallel with the development of all transport connectivity schemes	Digital Framework	All
Reduce the need for travel	Digital	Broadband Build Programmes	A range of digital infrastructure programmes to provide 100% coverage of gigabit capable broadband infrastructure to all premises by 2025,	All	Options to be considered in parallel with the development of all transport connectivity schemes	Digital Framework	All
Reduce the need for travel	Digital	Transport infrastructure enabling digital connectivity	A 'dig once' principle to embed digital infrastructure rollout (fibre broadband and 4/5g mobile) into capital programmes to address known gaps in digital connectivity	All	Options to be considered in parallel with the development of major schemes (Mass Transit, Rail, Highway improvements)	Digital Framework	All