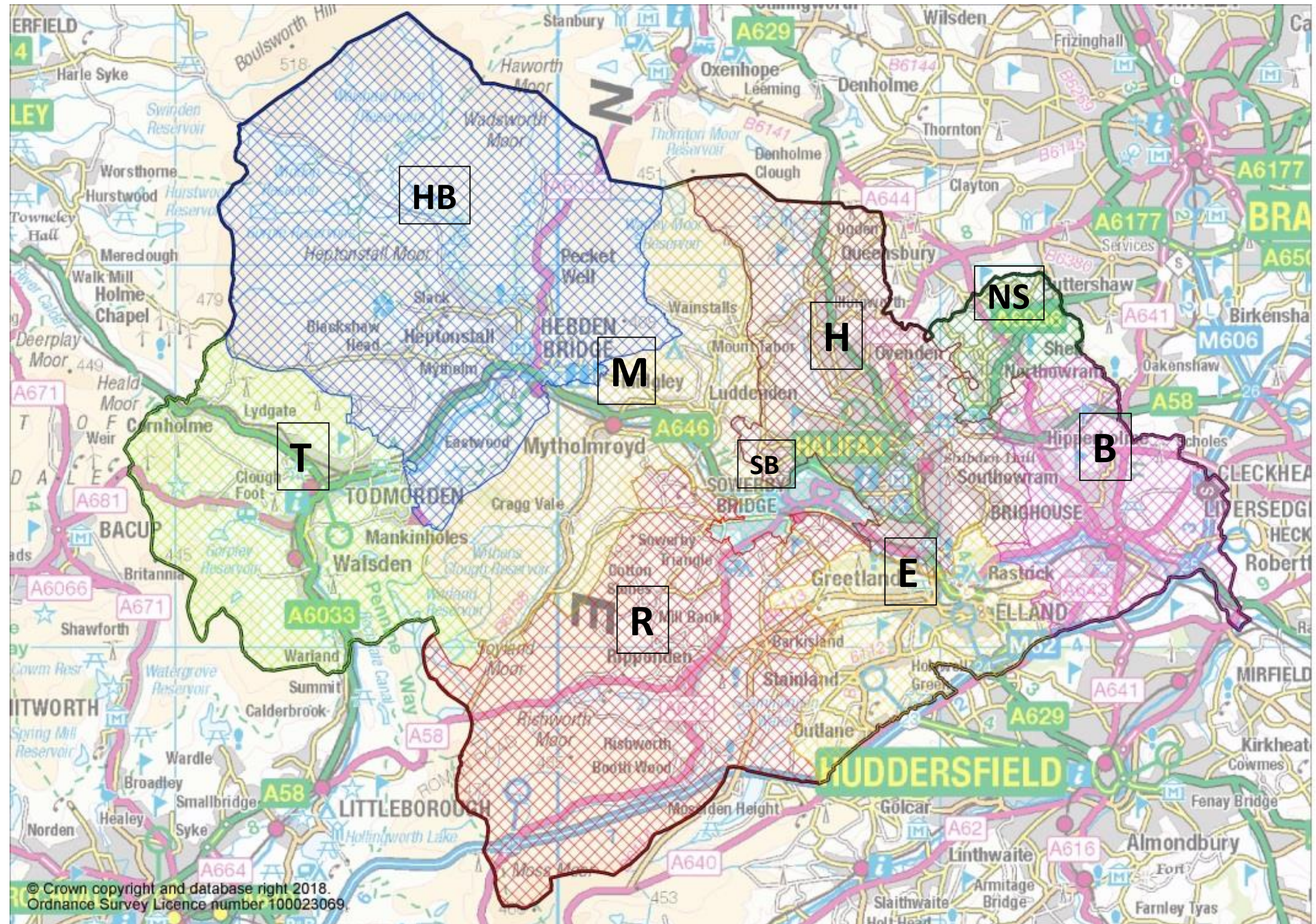


Infrastructure Delivery Plan - Transport Infrastructure Schemes – updated March 2021

This update to the transport elements of the Infrastructure Delivery Plan has been produced based on the requests of the Inspector in the second round of Examination in Public hearings held in the autumn of 2020. It should be regarded as the definitive position on the programme of transportation schemes at the time of writing and as such it supersedes any previous iterations. This list of schemes has been produced to be an accurate reflection of the active and Local Plan relevant transport delivery programme.

This definitive version has been structured in an order / listing of schemes to reflect their spatial distribution across the borough. As such they are listed in order of the Local Plan Areas they sit within and are categorised as per the list of Local Plan Areas below.

- H – Halifax
- B – Brighouse
- E – Elland
- S – Sowerby Bridge
- HB – Hebden Bridge
- T – Todmorden
- M – Mytholmroyd
- NS – Northowram and Shelf
- R – Ripponden



Local Plan area	Identity of intervention	Transport sub-category	Budget cost of intervention (incl. public/private funding split)	Programme/ funding source	Lead/other partners	Delivery dates: i. 2020-25 ii. 2025-33 iii. Beyond Plan period iv. Abandoned v. Complete	Critical links to delivery of specific site allocations	Wider objectives of intervention (i.e. beyond site delivery)	Comments
Schemes Impacting Across the Borough									
Multiple R, E, B	M62 Jn. 20-25 Smart Motorway	Strategic Road Network	£283m to £392m	Highways England	Highways England	i	-	Delivery of managed motorway system to improve flow and journey times on a highly congested section of the M62	Included in the Highways England RIS2. HE has confirmed that scheduled start is Q1 2023
Multiple All	Integrated ticketing programme	Public Transport – Rail & Bus	£146m (across the region)	DfT	TfN, DfT, TOCs, Bus Operators, WYCA, CMBC	i	-	Improve ease of public transport travel and in turn support modal shift	
Multiple	Northern Powerhouse Rail	Public Transport – Rail	Unknown	DfT / Treasury	DfT, Network Rail, Route LAs, Northern, Transport for the North	iii	-	Improve ease of public transport travel and in turn support modal shift	Whilst it is unlikely that any Calderdale level planning relevant infrastructure decisions will specify land requirements in the next 5 years, the scale and importance of this national project merits mention here
Multiple H, B, E, S, HB, T, M	Calder Valley Line – Rolling Stock Replacement	Public Transport - Rail	£261m approx.	DfT	Network Rail, Northern	i	-	Improve ease of public transport travel and in turn support modal shift	Contract for 98 new trains is across the Northern network at £498M. Of these 50% are electric and not to be seen on the Calder Valley
Multiple H, B, E, S, HB, T, M	Calder Valley Line – Pre-electrification improvements	Public Transport - Rail	£100m approx.	DfT	Network Rail, Northern Network Rail, Northern	v	-		

Schemes in the Brighouse Local Plan Area									
B	A641 ref: BG15 - Replacement bridge over River Calder at Huntingdon Road.	Local Road Network	£7.82m total cost with 50% developer contribution (i.e. £3.91m)	A641 Corridor Improvement Programme (CIP) – WY+TF Growth Deal (£75.5m approved budget)	Calderdale Council	i	Intervention is required to deliver the entirety of Woodhouse Garden Suburb	Will enable traffic from Birds Royd industrial estate (Birds Royd Lane / River Street) to access A644 and M62 Junction 25 without travelling through BH Town Centre; will also provide new active mode/ multi-modal links.	Strategic Outline Business case approved by CA June 2020. Outline Business Case underway.
B	A641 ref: BG38 – Woodhouse Garden Suburb spine road	Local Road Network	£3.0m – 100% developer funded	Forms part of the A641 CIP but will be funded by site developers	Site developers will lead the project with support from Calderdale Council	Phased delivery across i and ii	As above		As above
B	A641 ref: BG10 – Thornhills Garden Suburb spine road	Local Road Network	£12.0m – 100% developer funded	Forms part of the A641 CIP but will be funded by site developers	Site developers will lead the project with support from Calderdale Council	Phased delivery across i and ii	Intervention is required to deliver the entirety of the Thornhills Garden Suburb		As above
B	A641 ref: BB06 – New two-way link between A641 and Birkby Lane avoiding A641 Bailiff Bridge junction	Local Road Network	£4.0m – 50% developer contribution (i.e. £2m)	A641 Corridor Improvement Programme (CIP) – Growth Deal (£75.5m approved budget)	Calderdale Council	i	Intervention is required to deliver the Thornhills Garden Suburb	Will mitigate delays along the Corridor at the A641 Bailiff Bridge junction	As above
B	A641 ref: BG07 – Widen approach to Brighouse ring road (Stott's Arms) to provide two right turn lanes at junction. A641 ref: BG08 - Upgrade A643/A644 roundabout to larger roundabout / signals. A641 ref: BG37 - Signalisation / junction conversion of Tesco Roundabout	Local Road Network	£3.5m – 50% developer contribution (i.e. £1.75m split 60% Thornhills Garden Suburb / 40% Woodhouse Garden Suburb)	A641 Corridor Improvement Programme (CIP) – Growth Deal (£75.5m approved budget)	Calderdale Council	i	Intervention is required to deliver the Thornhills and Woodhouse Garden Suburbs	Will reduce delay and significantly increase capacity for all modes at key junctions along the Corridor	As above
B	A641 ref: BG36 – Reopen Bradford Road (A641) between Bethell Street and A641 (past Martin Street) for buses only with new access to Bus Station via Ganny Road and new	Local Road Network	£1.26m – 30% developer contribution (i.e. £379k split 60% Thornhills Garden Suburb /	A641 Corridor Improvement Programme (CIP) – Growth Deal (£75.5m approved budget)	Calderdale Council	i	Intervention is required to deliver the Thornhills and Woodhouse Garden Suburbs	Will significantly improve journey times for buses which in turn will enhance access to employment and other key services in the town centre from surrounding residential areas including the Garden Suburbs, whilst	As above

	signalised junction at Ludenscheid Link		40% Woodhouse Garden Suburb)					encouraging modal shift and reducing the number of car trips.	
B	A641 ref: New03 – Upgrade A641 / Bethell Street / Sainsbury’s roundabouts to larger gyratory and alter signals	Local Road Network	£2.18m – 50% developer contribution split 60% Thornhills Garden Suburb / 40% Woodhouse Garden Suburb)	A641 Corridor Improvement Programme (CIP) – Growth Deal (£75.5m approved budget)	Calderdale Council	i	Intervention is required to deliver the Thornhills and Woodhouse Garden Suburbs	Will provide additional capacity, reduce congestion and improve journey times, primarily for buses, at a key junction where several routes converge in the town centre	As above
B	A641 Programme – Bradford Local Highway Package (A641 refs: BD02, BD04, BD05, BD09) - Advanced signage, improvements at key A641 junctions	Local Road Network	£5m	A641 Corridor Improvement Programme (CIP) – Growth Deal (£75.5m approved budget)	Calderdale Council will lead with support from Bradford Council	i		These interventions will help mitigate congestion within Brighouse, increase capacity and reduce delays at key junctions on the A641 corridor	As above
B	A641 Programme – Kirklees Local Highway Package (A641 refs: KL03, KL09, KL10) – Remodel bus facilities and carriageways	Local Road Network	£87.1k	A641 Corridor Improvement Programme (CIP) – WY+TF Growth Deal (£75.5m approved budget)	Calderdale Council will lead with support from Kirklees Council	i		Will improve journey times for buses and all other modes, increase bus use and bus patronage	As above
B	A641 Programme – Cycle Route Improvements (A641 ref: BB01 - New cycling greenway along former Pickle Bridge alignment between Wyke Lion and Brighouse; A641 ref: BG01 - New off-road cycle route between Brighouse town centre and Cooper Bridge)	Walking and Cycling	£4.43m	A641 Corridor Improvement Programme (CIP) – WY+TF Growth Deal (£75.5m approved budget)	Calderdale Council	i		These interventions will encourage modal shift and address the low proportion of cyclist commuters along the corridor by making it a more attractive mode of transport whilst also improving public health, local air quality and pedestrian and cycling access to Brighouse Town Centre and key growth sites.	As above
B	A641 Programme – New highway link between A643 Halifax Road and A6025 Elland Road	Local Road Network	-	A641 Corridor Improvement Programme (CIP) – WY+TF Growth Deal (£75.5m approved budget)	Calderdale Council	iv	-	New highway link between A643 Halifax Road and A6025 Elland Road	Negative cost / benefit. No longer being progressed as part of A641 OBC
B	A641 Programme – NPIF Scheme	Local Road Network	£4.5m	Secured funding from the Department of Transport’s National	Calderdale Council	i	-	This intervention is required to provide the spine road and associated junctions on the A644 and A643 to access the Clifton Business Park site. It will also help mitigate capacity issues at the A643	The Full Business Case for the Clifton Business Park scheme is in preparation

				Productivity Investment Fund (NPIF)				/ A644 junction (consequential benefit)	This intervention is also included in the A641 CIP scheme (Ref. BG12)
B	Bradley to Brighouse Cycle Route	Walking and Cycling	Kirklees Council held budget	WY+TF Growth Deal	Kirklees Council with support from Calderdale Council	i	-	Cycle route on the Calder and Hebble navigation. Promoting modal shift to active travel	
B	M62 Jn. 24a. New Junction	Strategic Road Network	£50m - £70m	Funding stream not identified	Calderdale/ Kirklees Councils	iii	-	Yet to be demonstrated	Brief reference is made to this intervention in the TfN Investment Programme - <i>may</i> be a case for delivery during the lifetime of the Strategic Transport Plan (i.e. 2050)
B	A644 Cooper Bridge to M62 J25 programme	Local Road Network	£69m budget for earlier iteration; expected to be less for emerging plans	WY+TF Growth Deal	Kirklees Council with support from Calderdale Council	i	See table 5.1 of TN14 (Assessment of Impact on Strategic Road Network): The link between this intervention and Calderdale development will be assessed at the appropriate time	Improved connection between the A62 / A644 and in turn M62 jn.25	This is primarily a Kirklees scheme but would also mitigate J25; scheme comprises mainly online improvements at congestion points. Consultation planned later in 2021.
Schemes in the Elland Local Plan Area									
E	Elland Rail Station	Public Transport – Rail	£17.36m	WY+TF Growth Deal	West Yorkshire Combined Authority with support from Calderdale Council	i	-	Benefits include greater use of public transport, improved investment and economic attractiveness of Elland. This scheme will support new home development in the Elland area	The Full Business Case for Elland Rail Station is in development. This FBC also integrates the development of Elland Access Package
E	Elland Access Package	Walking and Cycling	£5.4m	Transforming Cities Fund	West Yorkshire Combined Authority with support from Calderdale Council	i	-	These interventions will encourage modal shift and address the low proportion of cyclist commuters along the corridor by making it a more attractive mode of transport whilst also improving public health, local air quality and pedestrian and cycling access to Elland Town Centre and growth sites in the Elland area	The Full Business Case for Elland Access Package is in development as an integrated element within the Elland Rail Station FBC

E	A629 Programme – Phase 4 - This project will complement the four other A629 improvement schemes by improving walking infrastructure, creating off network greenways and on highway cycle infrastructure, and improved bus infrastructure along the A629 Corridor	Local Road Network	Baseline funding £25.9m	A629 Corridor Improvement	Calderdale Council	i	Will help to ensure the sustainable delivery of potential housing allocations at Saddleworth Rd, Greetland	Benefits will include improved bus journey times and bus patronage, improved active mode infrastructure will increase commuting and leisure trips, improve journey times for all modes along the Corridor, encourage modal shift and reduce congestion and emission levels.	Full Business Case underway
E	M62 junction 23 – signalisation of roundabout	Strategic Road Network	Approx. £1.5m	TBC	TBC	ii (TBC)	See table 5.1 of TN14 (Assessment of Impact on Strategic Road Network): The need for this intervention will be assessed at the appropriate time	TBC	This mitigation does not form part of a current programme; however, it is considered feasible in principle and could be funded through Section 106/CIL if required.
E	M62 junction 24 – additional lane on entry to Ainley Top roundabout from J24	Strategic Road Network	Approx. £2.5m	TBC	TBC	ii (TBC)	See table 5.1 of TN14 (Assessment of Impact on Strategic Road Network): The need for this intervention will be assessed at the appropriate time	TBC	This mitigation does not form part of a current programme; however, it is considered feasible in principle and could be funded through Section 106/CIL if required.
Schemes in the Halifax Local Plan Area									
H	A629 Programme - Phase 1a project - Salterhebble Hill widened to four lanes, new traffic light technology installed and improved facilities for pedestrians, cyclists and public transport	Local Road Network		A629 Corridor Improvement Programme - WY+TF Growth Deal	Calderdale Council	v		Benefits include improved journey times, bus patronage, safer active mode travel	This major project was completed in November 2018
H	A629 Programme - Phase 1b - highway enhancements between the Calder and Hebble junction at the Halifax end of Elland by-pass, joining up with	Local Road Network	Baseline funding £27.8m	A629 Corridor Improvement Programme - WY+TF Growth	Calderdale Council	i	Will contribute to capacity at the junction of Saddleworth Rd and Stainland Rd,	Benefits will include improved journey times, bus accessibility and patronage, new safe, active mode travel opportunities, improved access to Halifax, Sowerby Bridge	Construction anticipated to start early 2021

	the completed Phase 1 section to improve highway capacity, bus access and active mode travel, plus a new link road and new bridge over the canal between the A629 and Stainland Road and a new roundabout on Stainland Road			DealA629 Corridor Improvement Programme			West Vale – supporting delivery of potential housing allocations at Saddleworth Rd, Greetland	and Copley supporting economic growth and investment	
H	A629 Phase 2 - Halifax Town Centre - Improving accessibility to Halifax Town Centre creating a new high-quality pedestrian environment, improved vehicle circulation around the town and improved public transport connectivity	Local Road Network	Baseline funding £50.7m	A629 Corridor Improvement Programme - WY+TF Growth Deal	Calderdale Council	i		Benefits include increased investment and business growth in the Town Centre, pedestrianisation and enhanced landscape in public spaces, active mode travel prioritised, journey time improvements, improved air quality	Construction start anticipated 2021
H	Halifax Rail Station Gateway – The transformational redevelopment of Halifax railway station includes a new two-storey station building, an iconic pedestrian footbridge and improved walking and cycling connectivity	Local Road Network / Rail Interchange	Baseline funding £10.6m (WY+TF) Further funding up to £22.5m (TCF)	A629 Corridor Improvement Programme - WY+TF Growth Deal Transforming Cities Fund	Calderdale Council	i		Benefits include greater use of public transport, cycling and walking, improved investment and economic attractiveness of the Town Centre	Full Business Case underway
H	Halifax Bus Station	Public Transport – Buses	£15.4m	Transforming Cities Fund	WYCA, CMBC	i		Benefits include greater use of public transport, improved investment and economic attractiveness of the Town Centre	Full Business Case Plus Costs underway
H	West Halifax Bus Improvements	Public Transport – Buses	£1.3m	Transforming Cities Fund	Calderdale Council	i		Improved public transport accessibility in a deprived with low car ownership	
H	North Halifax Walking and Cycling	Walking and Cycling	Up to £7.7m	Transforming Cities Fund	Calderdale Council	l		These interventions will encourage modal shift and address the low proportion of cyclist commuters along the A629 corridor (north of Halifax) by making it a more attractive mode of transport whilst also improving public health, local air quality and pedestrian and cycling access to Halifax Town Centre.	OBC in development. Funding to be determined post OBC submission
H	A629 North Halifax	Public Transport - Buses Walking and Cycling	£7.2m - £12.8m	WY+TF Growth Deal Corridor Improvement	Calderdale Council	i		Delivery of a package of works to improve transport access along the A629 corridor through north Halifax. Benefits will include improved bus journey times and bus patronage, improved active mode infrastructure	OBC in development. Funding to be determined post OBC submission

				Programme – Phase 2				will increase commuting and leisure trips, improve journey times for all modes along the Corridor and reduce congestion and emission levels	
H	Park Ward Streets for People	Walking and Cycling	Up to £6.9m	Transforming Cities Fund	Calderdale Council	i		Improve access to Halifax town centre and local centres for walked journeys from and within the Park Ward area	OBC in development. Funding to be determined post OBC submission
Schemes in the Upper Calder Local Plan Areas (Hebden Bridge, Mytholmroyd, Sowerby Bridge, Todmorden)									
Multiple H, SB, M, HB, T	Corridor Improvement Programme - A646 / A6033	Local Road Network	£4m	WY+TF Growth Deal Corridor Improvement Programme	Calderdale Council	i	-	Delivery of a package of works to improve transport access along the Calder Valley.	This project is working towards Full Business Case plus Costs
Multiple H, SB, R	Corridor Improvement Programme – A58 / A644	Local Road Network	£5m	WY+TF Growth Deal Corridor Improvement Programme	Calderdale Council	i	-	Delivery of a package of works to improve transport access along the Ryburn Valley.	This project is working towards Full Business Case plus Costs
HB	Hebden Bridge Rail Station Car Park Extension	Public Transport – Rail	£650k	WY+TF Growth Deal	Northern, WYCA, Network Rail	i		Encouraging modal shift with enhanced rail station parking	
Multiple HB, M, S	CityConnect Rochdale Canal Towpath – Phase 1	Walking and Cycling	£1.6m	Cycle City Ambition Grant2	WYCA, CMBC, Canal and Rivers Trust	v		Improved active mode infrastructure will increase commuting and leisure trips	
Multiple HB, T	CityConnect Rochdale Canal Towpath – Phase 2	Walking and Cycling	£2.15m	Cycle City Ambition Grant2	WYCA, CMBC, Canal and Rivers Trust	v		Improved active mode infrastructure will increase commuting and leisure trips	
M	Mytholmroyd Rail Station Car Park Extension	Public Transport - Rail	£3.6m	WY+TF Growth Deal	Northern, WYCA	i		Encouraging modal shift with enhanced rail station parking	