

Black Country to Birmingham

Technical Annex



Transport for
West Midlands

CITY OF WOLVERHAMPTON COUNCIL

Table 1 shows the percentage of the road network that has been subject to planned programme of capital maintenance.

Table 1: Carriageway Condition

Road No	Road Name	Condition	Road Length/Sections	% Road subject to Treatment
A41	Bilston Road	In Need of Attention	3042m / 6 Sections	3%
A454	Bridgnorth Road	Minor Deterioration but Acceptable	2326m / 3 Sections	60%
A41	Chapel Ash	Good	481m / 4 Sections	0%
A454	Compton Road	In Need of Attention	1415.5m / 1 Section	0%
A454	Compton Road West	Good	877.1m / 1 Section	100%
A41	Lichfield Street	Very Good	204m / 3 Sections	0%
A41	Oxford Street	Minor Deterioration but Acceptable	1221m / 2 Sections	7%
A41	Tettenhall Road	In Need of Attention	2024m / 1 Section	10%
A41	The Rock	Good	459m / 1 Section	0%
A41	Wellington Road	Minor Deterioration but Acceptable	1672m / 4 Sections	38%
A41	Wergs Road	Minor Deterioration but Acceptable	2426.3m / 4 Sections	0%
C Class	Soho Hill	Good	72mm / 1 Section	
A41	Hockley Circus	Fair	289mm / 1 Section	
A41	Hockley Flyover	Fair	1111mm / 2 Sections	
A41	Holyhead Road	Poor	1365mm / 3 Sections	

CARRIAGEWAY CONDITION

Road No	Road Name	Condition	Road Length/Sections	% Road subject to Treatment
A41	Soho Hill	Fair	1183mm / 5 Sections	
A41	Soho Road	Fair	1359mm / 4 Sections	
A4540	Heaton Street	Good	707mm / 2 Sections	
A4540	New John Street West	Critical	367mm / 1 Section	

The footway condition across this route is generally in a good and safe condition. Over the past six years only localised repairs have been carried out in response to defects identified as part of our on-going programme of highway safety inspections.

Table 2: Footway Condition

Road No	Road Name	Condition	Road Length/Sections	% Road subject to Treatment
A41	Bilston Road	Good	3042m / 6 Sections	0%
A454	Bridgnorth Road	Minor Deterioration but Acceptable	2326m / 3 Sections	0%
A41	Chapel Ash	Good	481m / 4 Sections	0%
A454	Compton Road	Good	1415.5m / 1 Section	0%
A454	Compton Road West	Good	877.1m / 1 Section	0%
A41	Lichfield Street	Good	204m / 3 Sections	0%
A41	Oxford Street	Minor Deterioration but Acceptable	1221m / 2 Sections	0%
A41	Tettenhall Road	In Need of Attention	2024m / 1 Section	0%
A41	The Rock	In Need of Attention	459m / 1 Section	0%
A41	Wellington Road	In Need of Attention	1672m / 4 Sections	0%
A41	Wergs Road	In Need of Attention	2426.3m / 4 Sections	0%

There are identified 21 highway structures consisting of 7 bridges, 2 culverts and 2 subways on the Black Country to Birmingham route, which are systematically inspected and maintained.

Table 3: Structures

Road No.	Structure Number	Structure Name	Road Name	Condition	BCI Av	BCI Crit
44804520	BR116	Bilston Road Canal Bridge	Bilston Road			
44804520	BR378	Bilston Road Railway Bridge	Bilston Road			
44804520	BR170	Bilston Road	Bilston Road			
44804520	BR374	Bilston Road Island Metro Bridge	Bilston Road			
44804520	CU314	Bilston Road Culvert	Bilston Road			
44806520	BR096	Compton Brook Bridge	Bridgnorth Road			
44806520	BR094	Compton Road / Bridgnorth Road Bridge	Bridgnorth Road			
44806520	BR095	Compton Canal Bridge	Bridgnorth Road			
44806520	CU097	Graisley Brook Culvert	Bridgnorth Road			
44806520	RW401	Bridgnorth Road Retaining Wall	Bridgnorth Road			
44812330	CU346	Compton Road Culvert	Compton Road			
44837340	CU337	Brook Street Culvert	Oxford Street			
44849420	BR060	Tettenhall Road Bridge	Tettenhall Road			
44849420	BR062	Tettenhall Road New Bridge	Tettenhall Road			
44849420	BR067	Cannock Street Canal Bridge	Tettenhall Road			
44849420	CU059A	Tettenhall Road East Culvert	Tettenhall Road			

STRUCTURES

Road No.	Structure Number	Structure Name	Road Name	Condition	BCI Av	BCI Crit
44849420	CU059B	Tettenhall Road West Culvert	Tettenhall Road			
44849420	RW377	Tettenhall Road Embankment and Retaining Wall	Tettenhall Road			
44850210	CU057	The Rock Culvert	The Rock			
44850210	RW363A	The Rock Wall North	The Rock			
44850210	RW363B	The Rock Wall South	The Rock			

WALSALL METROPOLITAN BOROUGH COUNCIL

The carriageway condition across the Black Country to Birmingham route is in a good/fair and safe condition. Over the past six years there has been a systematic planned programme of capital maintenance carried out on the A41. Table 4 shows the percentage of the road network that has been subject to planned programme of capital maintenance.

Table 4: Carriageway Condition

Road No	Road Name	Condition	Road Length/Sections	% Road subject to Treatment
A41	High St	Good	KRN route 6 length through Walsall 2.431km (6 sections)	A41 resurfaced, 1 scheme delivered. 17.6% of KRN route through Walsall has been treated.

Footway Condition

The footway condition across the Black Country to Birmingham route is in a fair and safe condition. Over the past six years no systematic planned and programmed capital maintenance has been required on the A41.

SANDWELL METROPOLITAN BOROUGH COUNCIL

The carriageway across this route is in a generally good and safe condition. Over the past five years there has been a systematic planned programme of capital maintenance carried out on the A41. Table 5 shows the percentage of the road network that has been subject to planned programme of capital maintenance.

Table 5: Carriageway Condition

Road No	Road Name	Condition	Road Length/Sections	% Road subject to Treatment
A41	Black Country New Road		8.238km / 12 sections	9% resurfaced in 2015
A41	Patent Shaft Roundabout		0.244km / 1 section	0%
A41	Parkway Roundabout		0.212km / 1 section	0%
A41	Steel Roundabout		0.212km / 1 section	0%
A41	Navigation Roundabout		0.236km / 1 section	0%
A41	Swan Roundabout		0.188km / 1 section	100% resurfaced in 2016
A41	Albion Roundabout		0.187km / 1 section	0%
A41	The Expressway		6.098km / 9 sections	0%
A41	Birmingham Road		1.612km / 5 sections	8% resurfaced in 2013
A41	Holyhead Road		0.161km / 1 section	0%

The footway across the Black Country to Birmingham route is in a generally good and safe condition. There is no systematic planned programme of capital maintenance carried out on the A41. Any defective footway repairs are identified and carried out on a reactive basis.

Table 6: Footway Condition

Road No	Road Name	Condition	Road Length/Sections	% Road subject to Treatment
A41	Black Country New Road		8.238km	0%
A41	The Expressway		6.098km	0%
A41	Birmingham Road		1.612km	0%
A41	Holyhead Road		0.161km	0%

There are 24 highway structures identified consisting of 11 bridges, 2 interchanges, 1 viaduct, 3 culverts and 7 subways on the Black Country to Birmingham route, which are systematically inspected and maintained. The overall condition of these structures ranges from fair to very good.

Table 7: Structures

Road No.	Structure Number	Structure Name	Road Name	Condition	BCI Av	BCI Crit
A41	22	BCNR Metro Bridge	Black Country New Road	Fair	78	58
A41	23	Eagle Lane Viaduct	Black Country New Road	Good	80	63
A41	94	Balls Hill Culvert	Black Country New Road	Good	88	0
A41	96	BCNR Tame Valley Canal Bridge	Black Country New Road	Good	90	100
A41	136	Richmond Street Footbridge	Black Country New Road	Good	85	78
A41	207	BCNR River Tame Culvert	Black Country New Road	V-Good	95	100
A41	208	BCNR Tipton Brook Culvert	Black Country New Road	Good	89	100
A41	253	Steel Roundabout North Subway	Steel Roundabout	Good	89	81
A41	254	Steel Roundabout East Subway	Steel Roundabout	Good	86	58
A41	255	Steel Roundabout South Subway	Steel Roundabout	Fair	79	58
A41	249	Albion Roundabout North East Subway	Albion Roundabout	Good	90	81
A41	250	Albion Roundabout South East Subway	Albion Roundabout	Good	80	58
A41	251	Albion Roundabout South West Subway	Albion Roundabout	Good	84	58
A41	252	Albion Roundabout north West Subway	Albion Roundabout	Good	85	81
A41	121	Dartmouth Park Footbridge	The Expressway	Good	85	55
A41	122	Europa Avenue Bridge	The Expressway	Fair	73	28

STRUCTURES

Road No.	Structure Number	Structure Name	Road Name	Condition	BCI Av	BCI Crit
A41	123	Reform Street Bridge	The Expressway	Good	84	81
A41	125	Alfred Street Bridge	The Expressway	Good	89	81
A41	126	Trinity Way Bridge	The Expressway	Fair	78	55
A41	137	A41 Interchange West	The Expressway	V-Good	100	100
A41	138	A41 Interchange Central Footbridge	The Expressway	V-Good	100	100
A41	139	A41 Interchange East	The Expressway	V-Good	100	100
A41	245	Wellington Street Bridge	Birmingham Road	Fair	77	81
A41	120	Birmingham Road Footbridge	Birmingham Road	V-good	96	81

BIRMINGHAM CITY COUNCIL

Table 8: Carriageway Condition

Road No	Road Name	Condition	Road Length/Sections	% Road subject to Treatment
C Class	Soho Hill	Good	72m / 1 Section	
A41	Hockley Circus	Fair	289m / 1 Section	
A41	Hockley Flyover	Fair	1111m / 2 Sections	
A41	Holyhead Road	Poor	1365m / 3 Sections	
A41	Soho Hill	Fair	1183m / 5 Sections	
A41	Soho Road	Fair	1359m / 4 Sections	
A4540	Heaton Street	Good	707m / 2 Sections	
A4540	New John Street Wes	Critical	367m / 1 Section	