

Department for Transport

Local Highways Maintenance Challenge Fund 2019

Torbay Council – Appendix A

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Scope of Work, Value for Money Methodology and Key Assumptions

The Scope of the Work proposed for the Challenge Bid encompasses Five Primary Distributor Routes broken down into two sections.

1. A3022/A379 Torbay Road, Torquay and Paignton.
2. A379 Cary Parade, Torquay
3. A379 The Strand, Torquay
4. A379 Torwood Street, Torquay
5. A379 Babbacombe Road

This would be broken down into two primary schemes which would encompass

Scheme 1. A3022/A379 Torbay Road, Torquay and Paignton

Scheme 2. A379 Torwood Street, A379 Babbacombe Road, A379 Cary Parade, A379 The Strand

Table 1 below shows the assumed works using 2017 figures as a base point (from 2010 figures using base inflation figures) as well proposed diversion routes.

Challenge Bid VfM Technical Note

Methodology

This technical note details the calculation of Value for Money for Composite Construction Carriageway Replacement. The methodology utilised assesses the costs of the proposed maintenance scheme against the costs of the maintenance required if the bid is unsuccessful. The methodology also calculates the delays during maintenance works under these two over-arching scenarios. The results are expressed in several ways, a Present Value of Costs (PVC), a Present Value of Benefits (PVB) and Benefit to Cost Ratio (BCR).

Delays during maintenance works have been calculated in line with the principles laid out in DMRB Volume 14, with up to date values of time taken from the July 2016 DfT Databook and traffic flows taken from 2016 on the A361 adjacent to the proposed works. All calculations have been converted and discounted to 2010 values and are consistent with guidance laid out in the Treasury Green Book.

Traffic flows for the assessment have been taken from a permanent automatic traffic counter (ATC) on the A379 at Hollicombe Dip. Flows are available for 2012 in both directions. Growth has been applied to traffic flows at a uniform 1% per annum to predict flows throughout the appraisal period. Vehicle splits between cars, LGVs and HGVs have been taken from DMRB Volume 13 Table 8/1 and are as follows:

- Car: 82.6%
- LGV: 11.3%
- HGV: 6.1%

Section 10. Financial Details – Assumed Costs outlines inflated figures for the scheme to meet inflation for 2019. Costs have been applied under both scenarios across the 20/21 year appraisal period. Costs have been assumed to exclude VAT and inflation. As part of the calculation of the present value of costs (PVC) the following changes to scheme costs have been made:

- Convert to a 2010 price base
- Discount to 2010 prices

	Impacts (2010 prices, discounted to 2010)	
	Investment Costs	Vehicle Delays (Benefits)
Do Minimum	–£4.297m	£24.224m
Do Something	£4.023m	–£20.507m
Net Impact	–£0.274m	£3.718m

Section 10. Financial Details – Assumed Costs outlines inflated figures for the scheme to meet inflation for 2019. Costs have been applied under both scenarios across the 20/21 year appraisal period. Costs have been assumed to exclude VAT and inflation. As part of the calculation of the present value of costs (PVC) the following changes to scheme costs have been made:

- Convert to a 2010 price base
- Discount to 2010 prices

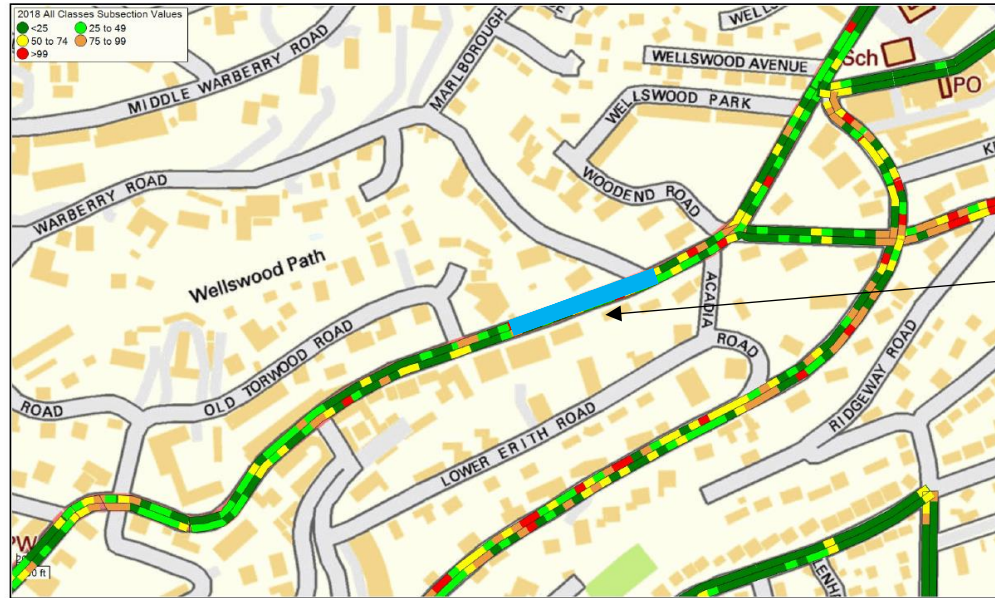
Table 1 – Assumed Costs, and Assumed Diversions

Section/Scheme	DM Works (2017)	DM Cost (2017)	DS Works (2017)	DS Cost (2017)	Diversion Route (red)
Scheme 1. A3022/A379 Torbay Road – Tarroway Road to The King's Drive	<p><u>2017</u> Surfacing Courses Only - 37 days</p> <p><u>2027</u> Surfacing Courses Only - 37 days</p> <p><u>2037</u> Full Reconstruction – 110 days</p>	<p>£786,371</p> <p>£786,371</p> <p>£1,485,367</p>	<p><u>2017</u> Full Reconstruction Only - 110 days</p> <p><u>2037</u> Surfacing Courses Only - 37 days</p>	<p>£1,485,367</p> <p>£524,247</p>	
Scheme 2. A379 The King's Drive to St. Anne's Road	<p><u>2017</u> Surfacing Courses Only - 76 days</p> <p><u>2027</u> Surfacing Courses Only - 76 days</p> <p><u>2037</u> Full Reconstruction – 218 days</p>	<p>£1,402,425</p> <p>£1,402,425</p> <p>£2,538,145</p>	<p><u>2017</u> Full Reconstruction Only - 218 days</p> <p><u>2037</u> Surfacing Courses Only - 76 days</p>	<p>£2,538,145</p> <p>£934,950</p>	

2018 Condition Survey Results – Proposed Sections for Babbacombe Road

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Babbacombe Road - A379/40470 to A379/40570



This section is to be resurfaced as part of the 2019/2020 Resurfacing Scheme

WDM UKPMS 2018 Condition Survey Results

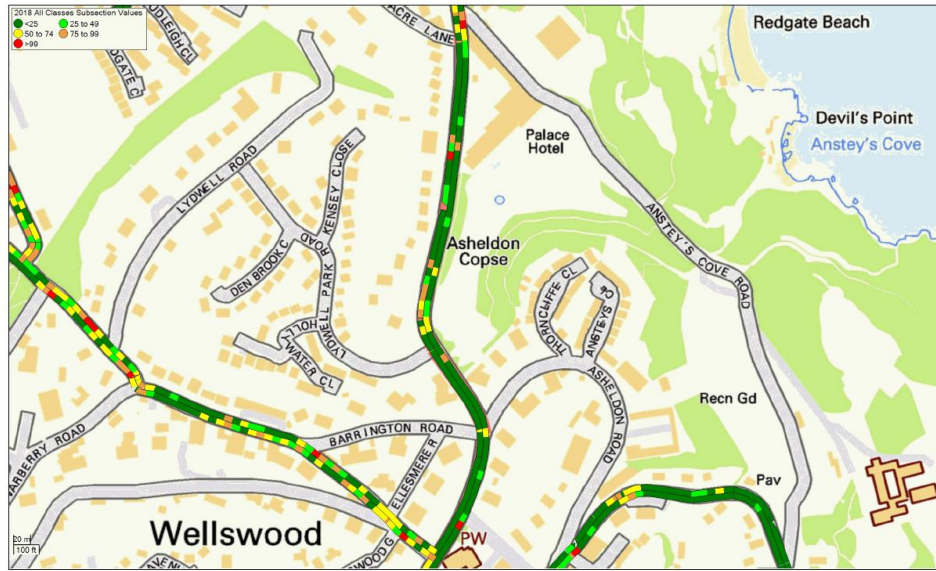
Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingwc	Texture	Lpv	Rutting	Pvalue	Lirt	Litx	Lrrt	Ltrc	Subsection Values
A379	0011A379/40500	Babbacombe Road	CL1	170	180	60	80	40.54	0	80	0	1	0	0	0	40.54	120.54
A379	0011A379/40500	Babbacombe Road	CR1	150	160	60	80	53.51	0	80	0	1	0	0	0	53.51	133.51
A379	0011A379/40500	Babbacombe Road	CL1	50	60	60	80	56.76	0	80	0	1	0	0	0	56.76	136.76

Sections shown above have extensive levels of cracking, and profile variance over 3 and 10 metre measured sections.

Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingwc	Texture	Lpv	Rutting	Pvalue	Lirt	Litx	Lrrt	Ltrc	Subsection Values
A379	0011A379/40470	Babbacombe Road	CR1	22	32	60	0	1.62	23.33	60	0	1	0	23.33	0	1.62	84.95
A379	0011A379/40470	Babbacombe Road	CR1	42	52	60	0	0	30	60	0	1	0	30	0	0	90
A379	0011A379/40470	Babbacombe Road	CR1	32	42	60	0	0	33.33	60	0	1	0	33.33	0	0	93.33
A379	0011A379/40470	Babbacombe Road	CL1	30	40	60	0	0	36.67	60	0	1	0	36.67	0	0	96.67
A379	0011A379/40480	Babbacombe Road	CL1	10	20	60	0	0	20	60	0	1	0	20	0	0	80
A379	0011A379/40480	Babbacombe Road	CR1	0	1	60	0	0	20	60	0	1	0	20	0	0	80
A379	0011A379/40480	Babbacombe Road	CR1	221	231	60	0	0	20	60	0	1	0	20	0	0	80
A379	0011A379/40480	Babbacombe Road	CR1	1	11	60	44	0	35	60	0	1	0	35	0	0	95

Lower risk sections indicate a significant degree of Texture deficiency and affected Average texture depth.

Babbacombe Road - A379/40570 to A379/40620



WDM UKFMS 2018 Condition Survey Results

Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingwc	Texture	Lpv	Rutting	Pvalue	Llrt	Lltx	Lrrt	Ltrc	Subsection Values
A379	0011A379/40570	Babbacombe Road	CL1	40	50	60	80	34.05	0	80	0	1	0	0	0	34.05	114.05
A379	0011A379/40620	Babbacombe Road	CL1	30	34	60	10.67	21.08	0	60	0	1	0	0	0	21.08	81.08
A379	0011A379/40620	Babbacombe Road	CR1	24	34	60	80	8.11	0	80	0	1	0	0	0	8.11	88.11
A379	0011A379/40620	Babbacombe Road	CR1	14	24	60	80	30.81	0	80	0	1	0	0	0	30.81	110.81

This section is suffering from low profile variance and some horizontal and longitudinal cracking. The construction of this section is made up of sectionalised concrete slabs, which are suffering with joint damage and movement, which could indicate land movement under the individualised slabs.

Babbacombe Road - A379/40620 to A379/40690



This section was resurfaced as part of the 2016/2017 Resurfacing Scheme

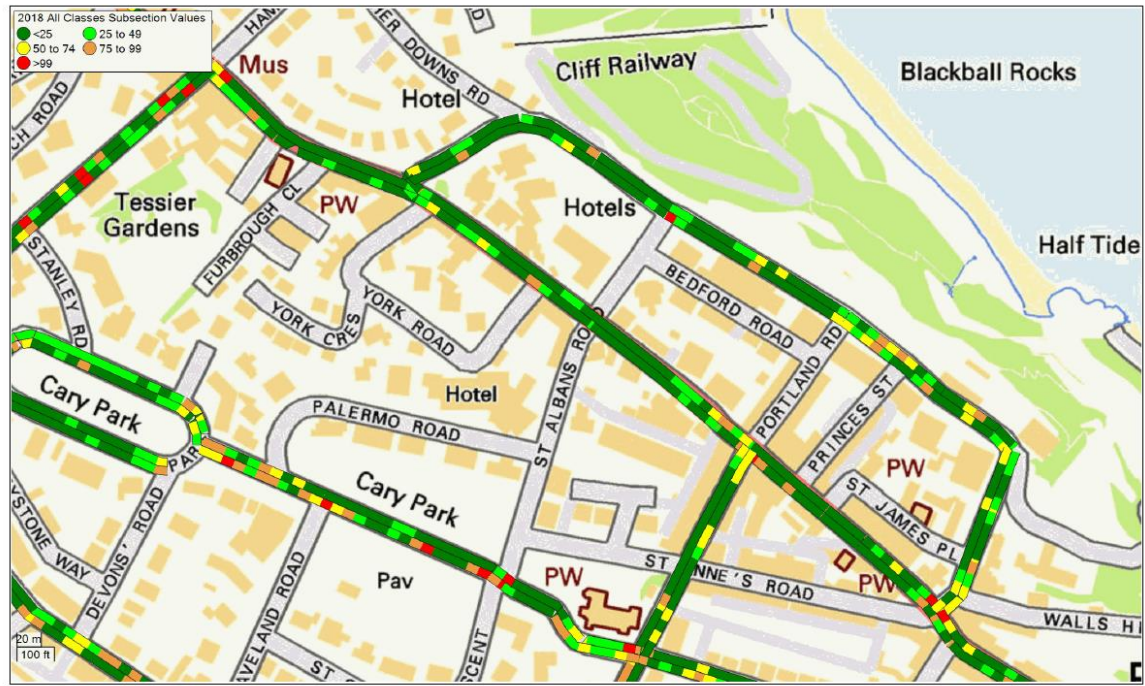


WDM UKPMS 2018 Condition Survey Results



Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingwc	Texture	Lpv	Rutting	Pvalue	Llrt	Lltx	Lrrt	Ltrc	Subsection Values
A379	0011A379/40620	Babbacombe Road	CL1	30	34	60	10.67	21.08	0	60	0	1	0	0	0	21.08	81.08
A379	0011A379/40620	Babbacombe Road	CR1	24	34	60	80	8.11	0	80	0	1	0	0	0	8.11	88.11
A379	0011A379/40620	Babbacombe Road	CR1	14	24	60	80	30.81	0	80	0	1	0	0	0	30.81	110.81
A379	0011A379/40630	Babbacombe Road	CL1	50	60	60	0	0	0	60	0	1	0	0	0	0	60
A379	0011A379/40630	Babbacombe Road	CL1	160	170	60	37.33	0	0	60	0	1	0	0	0	0	60
A379	0011A379/40630	Babbacombe Road	CL1	0	10	60	45.33	1.62	0	60	0	1	0	0	0	1.62	61.62
A379	0011A379/40630	Babbacombe Road	CL1	60	70	60	80	0	0	80	0	1	0	0	0	0	80
A379	0011A379/40630	Babbacombe Road	CL1	170	173	60	80	0	0	80	0	1	0	0	0	0	80
A379	0011A379/40630	Babbacombe Road	CL1	130	140	60	80	40.54	0	80	0	1	0	0	0	40.54	120.54
A379	0011A379/40640	Babbacombe Road	CL1	20	30	60	80	0	0	80	0	1	0	0	0	0	80
A379	0011A379/40640	Babbacombe Road	CR1	19	29	60	80	34.05	0	80	0	1	0	0	0	34.05	114.05
A379	0011A379/40640	Babbacombe Road	CR1	29	39	60	80	60	0	80	0	1	0	0	0	60	140
A379	0011A379/40660	Babbacombe Road	CL1	20	30	60	80	0	0	80	0	1	0	0	0	0	80
A379	0011A379/40680	Babbacombe Road	CL1	20	30	60	0	0	0	60	0	1	0	0	0	0	60
A379	0011A379/40680	Babbacombe Road	CR1	82	92	60	2.67	0	0	60	0	1	0	0	0	0	60
A379	0011A379/40680	Babbacombe Road	CL1	10	20	60	0	1.62	0	60	0	1	0	0	0	1.62	61.62
A379	0011A379/40690	Babbacombe Road	CL1	20	25	60	0	0	20	60	0	1	0	20	0	0	80
A379	0011A379/40690	Babbacombe Road	CR1	15	25	60	0	0	46.67	60	0	1	0	46.67	0	0	106.67

Babbacombe Road - A379/40690 to A379/40810



WDM UKPMS 2018 Condition Survey Results

Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingwc	Texture	Lpv	Rutting	Pvalue	Llrt	Lltx	Lrrt	Ltrc	Subsection Values	
A379	0011A379/40700	Babbacombe Road	CL1	10	20	60	0	0	23.33	60	0	0	1	0	23.33	0	0	83.33
A379	0011A379/40730	Babbacombe Road	CL1	0	10	60	80	0	0	80	0	0	1	0	0	0	0	80
A379	0011A379/40730	Babbacombe Road	CL1	40	50	60	5.33	30.81	41.67	60	0	0	1	0	41.67	0	30.81	132.48
A379	0011A379/40740	Babbacombe Road	CL1	0	10	60	0	1.62	20	60	0	0	1	0	20	0	1.62	81.62
A379	0011A379/40740	Babbacombe Road	CR1	22	32	60	0	0	25	60	0	0	1	0	25	0	0	85
A379	0011A379/40750	Babbacombe Road	CR1	0	3	60	0	0	26.67	60	0	0	1	0	26.67	0	0	86.67
A379	0011A379/40760	Babbacombe Road	CL1	50	53	60	0	0	35	60	0	0	1	0	35	0	0	95
A379	0011A379/40770	Babbacombe Road	CL1	100	110	60	0	0	8.33	60	0	0	1	0	8.33	0	0	68.33
A379	0011A379/40770	Babbacombe Road	CL1	0	10	60	17.33	0	15	60	0	0	1	0	15	0	0	75
A379	0011A379/40790	Babbacombe Road	CL1	80	81	60	80	0	0	80	0	0	1	0	0	0	0	80
A379	0011A379/40810	Babbacombe Road	CL1	60	70	60	29.33	0	0	60	0	0	1	0	0	0	0	60
A379	0011A379/40810	Babbacombe Road	CR1	68	78	60	6.67	0	0	60	0	0	1	0	0	0	0	60
A379	0011A379/40810	Babbacombe Road	CR1	58	68	60	8	40.54	0	60	0	0	1	0	0	0	40.54	100.54

2018 Condition Survey Results – Proposed Sections for Torwood Street

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This section was resurfaced as part of the 2016/2017 Resurfacing Scheme

Torwood Street and Cary Parade A379/40470 to A379/40350

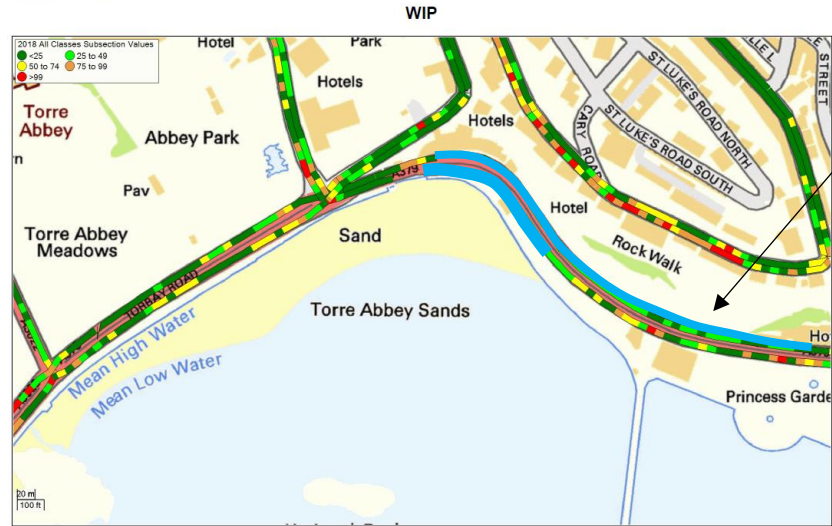
Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingwc	Texture	Lpv	Rutting	Pvalue	Llrt	Lltx	Llrr	Ltrc	Subsection Values
A379	0011A379/40430	Torwood Street	CR1	18	28	8.4	80	0	38.33	80	0	1	0	38.33	0	0	118.33
A379	0011A379/40410	Torwood Street	CL1	0	10	60	10.67	0	50	60	0	1	0	50	0	0	110
A379	0011A379/40420	Torwood Street	CL1	70	78	60	61.33	40.54	0	61.33	0	1	0	0	0	40.54	101.87
A379	0011A379/40410	Torwood Street	CR1	8	18	13.89	72	14.59	13.33	72	0	1	0	13.33	0	14.59	99.92
A379	0011A379/40420	Torwood Street	CL1	50	60	8.4	80	1.62	16.67	80	0	1	0	16.67	0	1.62	98.29
A379	0011A379/40420	Torwood Street	CL1	0	10	60	80	14.59	0	80	0	1	0	0	0	14.59	94.59
A379	0011A379/40420	Torwood Street	CL1	60	70	22.29	80	14.59	0	80	0	1	0	0	0	14.59	94.59
A379	0011A379/40430	Torwood Street	CR1	8	18	60	66.67	27.57	0	66.67	0	1	0	0	0	27.57	94.24
A379	0011A379/40420	Torwood Street	CL1	10	20	60	50.67	34.05	0	60	0	1	0	0	0	34.05	94.05
A379	0011A379/40430	Torwood Street	CR1	0	8	60	38.67	34.05	0	60	0	1	0	0	0	34.05	94.05

Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingwc	Texture	Lpv	Rutting	Pvalue	Llrt	Lltx	Lrrt	Ltrc	Subsection Values	
A379	0011A379/40350	Cary Parade	CL1	100	110	60	74.67	60	1.67	74.67	0		1	0	1.67	0	60	136.34
A379	0011A379/40350	Cary Parade	CL1	80	90	22.97	66.67	43.78	8.33	66.67	0		1	0	8.33	0	43.78	118.78
A379	0011A379/40350	Cary Parade	CL1	60	70	60	80	0	33.33	80	0		1	0	33.33	0	0	113.33
A379	0011A379/40350	Cary Parade	CL1	90	100	60	0	0	50	60	0		1	0	50	0	0	110
A379	0011A379/40350	Cary Parade	CL1	110	120	60	68	0	36.67	68	0		1	0	36.67	0	0	104.67
A379	0011A379/40350	Cary Parade	CL1	50	60	0	68	8.11	11.67	68	0		1	0	11.67	0	8.11	87.78
A379	0011A379/40350	Cary Parade	CL1	10	20	0	65.33	21.08	0	65.33	0		1	0	0	0	21.08	86.41
A379	0011A379/40350	Cary Parade	CL1	40	50	0	0	60	21.67	0	0		1	0	21.67	0	60	81.67



2018 Condition Survey Results – Proposed Sections for Torbay Road

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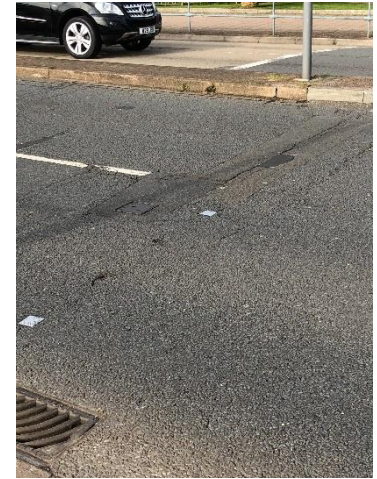
Resurfaced as part of the Abbey Sands Development, Micro Asphalt laid over SMA and Concrete Slab.

Torbay Road - A379/40350 to A379/40210

Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingw/c	Texture	Lpw	Rutting	Pvalue	Lirt	Litx	Lrrt	Ltrc	Subsection Values
A379	0011A379/40310	Torbay Road	CL1	0	10	60	34.67	27.57	0	60	0	1	0	0	0	27.57	87.57
A379	0011A379/40310	Torbay Road	CL1	310	320	3.26	80	0	0	80	0	1	0	0	0	0	80
A379	0011A379/40310	Torbay Road	CL1	210	220	0	0	40.54	30	0	0	1	0	30	0	40.54	70.54
A379	0011A379/40310	Torbay Road	CL1	320	330	0	0	11.35	30	0	23	1	17	30	23	11.35	64.35
A379	0011A379/40310	Torbay Road	CL1	20	30	57.09	0	0	0	57.09	0	1	0	0	0	0	57.09
A379	0011A379/40310	Torbay Road	CL1	240	250	0	0	8.11	48.33	0	0	1	0	48.33	0	8.11	56.44
A379	0011A379/40332	Torbay Road	CR1	1	11	60	0	40.54	0	60	0	1	0	0	0	40.54	100.54
A379	0011A379/40332	Torbay Road	CL1	60	61	60	80	1.62	0	80	2	1	2	0	0	1.62	83.62
A379	0011A379/40335	Torbay Road	CL1	30	40	31.37	80	0	0	80	0	1	0	0	0	0	80
A379	0011A379/40335	Torbay Road	CL1	40	50	60	0	0	15	60	0	1	0	15	0	0	75
A379	0011A379/40335	Torbay Road	CL1	50	60	60	24	1.62	0	60	0	1	0	0	0	1.62	61.62
A379	0011A379/40335	Torbay Road	CL1	590	600	60	0	1.62	0	60	0	1	0	0	0	1.62	61.62
A379	0011A379/40335	Torbay Road	CL1	240	250	23.31	0	0	31.67	23.31	0	1	0	31.67	0	0	54.98
A379	0011A379/40335	Torbay Road	CL1	640	641	0	37.33	0	15	37.33	0	1	0	15	0	0	52.33
A379	0011A379/41691	Torbay Road	CL1	0	10	38.91	0	60	33.33	38.91	14	1	14	33.33	0	60	146.24
A379	0011A379/41691	Torbay Road	CL1	100	110	53.31	80	11.35	13.33	80	1	1	1	13.33	0	11.35	105.68
A379	0011A379/41691	Torbay Road	CL1	250	260	60	21.33	43.78	0	60	0	1	0	0	0	43.78	103.78

The A379 Torbay Road is Primary Distributor, which serves as a direct link road to Torquay and Paignton, as well as serving the Tormohun Ward and is a primary route for tourists and serves several primary and secondary distributor. This section was partial resurfaced in 2016, as part of the Abbey Crescent Development. Its base construction is Historical Concrete Slab.

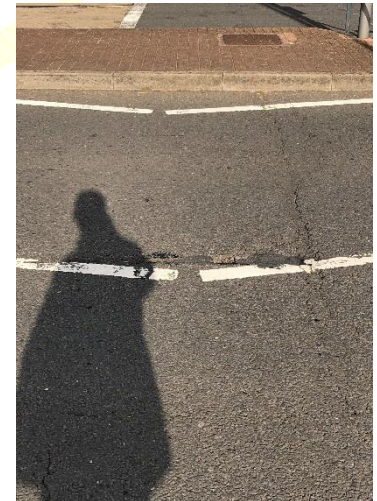
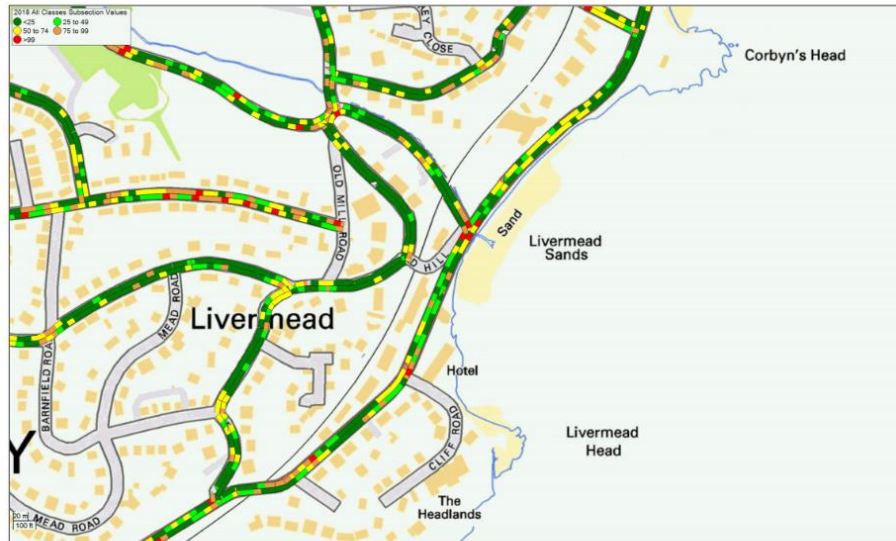
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Torbay Road - A379/40210 to A379/401140

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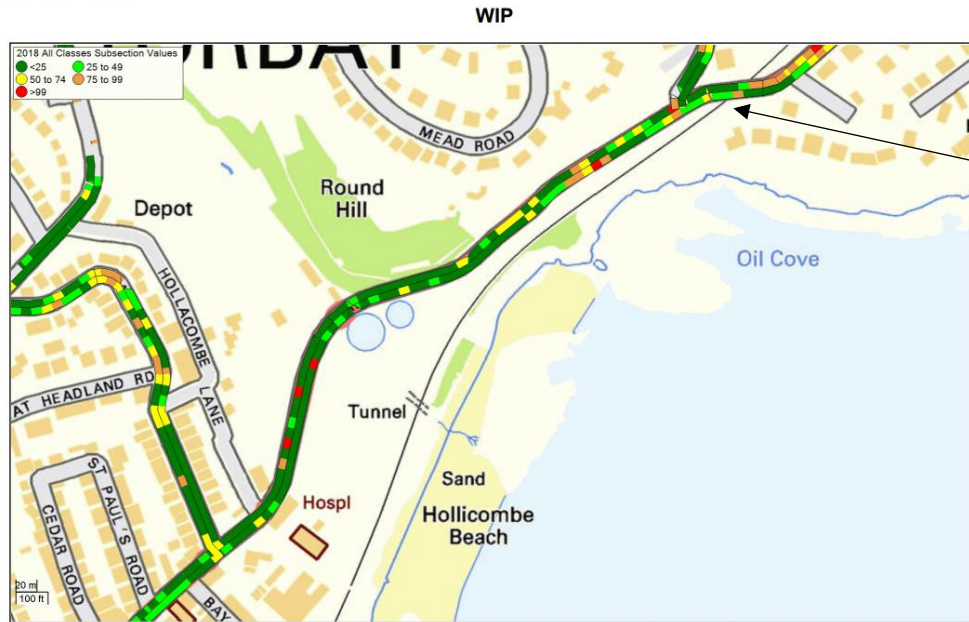
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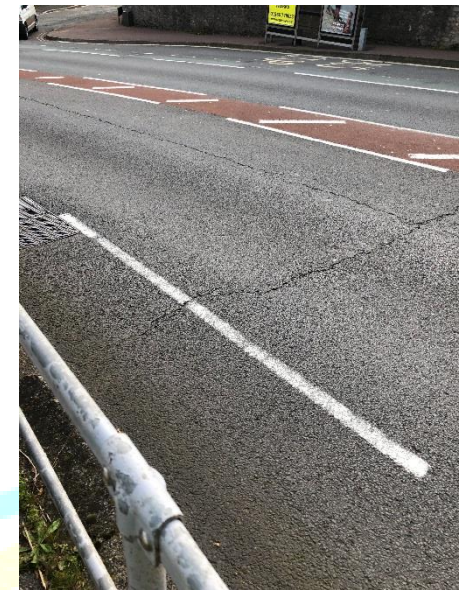
Torbay Road - A3022/41130 to A3022/41140

The next section of A379/A3022 Torbay Road (pictured above) is part of the main route along the seafront joining Torquay and Paignton, the pictures and condition survey results above show severe cracking of jointing of the slabs, which is evidence of movement in the structural integrity of the slab or the base underpinning the slabs. Large sections like this are indicative of a future reconstruction scheme which is needed to potentially prevent a Primary Distributor and a vital tourist area from falling into a state of severe disrepair.

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Torbay Road - A3022/41080 to A3022/41100



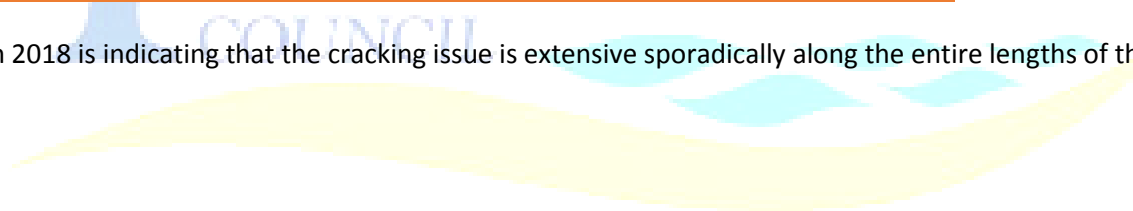
Horizontal Cracking along these sections could indicate an extensive failure of jointing within the concrete slab sections of the entire of the A379/A3022, the historical concrete slabs are jointed to prevent ingress, but the horizontal and longitudinal cracking of these sections.

Due to the nature of historical resurfacing schemes, even preventative maintenance of these sections to prevent further cracking is costly, as each joint must be excavated, resealed with flexible material and then reinstated with flexible material.

Should the nature of the cracking be more extensive than failure of the joints, then full excavation of the existing material must be considered.

Road Name	Section Code	Section Name	XSP	Start Metres	End Metres	Lv10	Lv3	Crackingwc	Texture	Lpv	Rutting	Pvalue	Lirt	Lltx	Lrrt	Ltrc	Subsection Values
A3022	0011A3022/41100	Torbay Road	CL1	50	60	18.17	80	11.35	0	80	0	1	0	0	0	11.35	91.35
A3022	0011A3022/41100	Torbay Road	CR1	459	469	60	80	0	13.33	80	0	1	0	13.33	0	0	93.33
A3022	0011A3022/41100	Torbay Road	CR1	579	589	0	0	47.03	50	0	0	1	0	50	0	47.03	97.03
A3022	0011A3022/41100	Torbay Road	CL1	589	60	80	80	24.32	0	80	0	1	0	0	0	24.32	104.32
A3022	0011A3022/41100	Torbay Road	CL1	120	130	26.57	80	21.08	6.67	80	0	1	0	6.67	0	21.08	107.75
A3022	0011A3022/41100	Torbay Road	CL1	70	80	60	80	34.05	0	80	0	1	0	0	0	34.05	114.05
A3022	0011A3022/41100	Torbay Road	CR1	149	159	0	80	34.05	0	80	0	1	0	0	0	34.05	114.05
A3022	0011A3022/41100	Torbay Road	CR1	489	499	0	80	53.51	23.33	80	0	1	0	23.33	0	53.51	156.84
A3022	0011A3022/41110	Torbay Road	CL1	100	110	60	0	14.59	21.67	60	0	1	0	21.67	0	14.59	96.26
A3022	0011A3022/41120	Torbay Road	CR1	149	159	58.8	80	14.59	0	80	0	1	0	0	0	14.59	94.59
A3022	0011A3022/41120	Torbay Road	CL1	0	10	60	0	0	35	60	0	1	0	35	0	0	95
A3022	0011A3022/41120	Torbay Road	CL1	30	40	39.43	0	60	28.33	39.43	0	1	0	28.33	0	60	127.76
A3022	0011A3022/41130	Torbay Road	CR1	144	154	33.77	0	53.51	3.33	33.77	0	1	0	3.33	0	53.51	90.61
A3022	0011A3022/41130	Torbay Road	CR1	0	4	25.37	80	11.35	0	80	0	1	0	0	0	11.35	91.35
A3022	0011A3022/41130	Torbay Road	CR1	204	214	0	42.67	60	0	42.67	0	1	0	0	0	60	102.67
A3022	0011A3022/41130	Torbay Road	CR1	4	14	60	26.67	60	0	60	0	1	0	0	0	60	120
A3022	0011A3022/41130	Torbay Road	CL1	200	210	60	80	40.54	0	80	0	1	0	0	0	40.54	120.54
A3022	0011A3022/41140	Torbay Road	CR1	12	22	47.83	80	56.76	0	80	0	1	0	0	0	56.76	136.76
A3022	0011A3022/41150	Torbay Road	CL1	160	170	60	6.67	43.78	0	60	0	1	0	0	0	43.78	103.78
A3022	0011A3022/41150	Torbay Road	CL1	150	160	60	70.67	60	0	70.67	0	1	0	0	0	60	130.67
A3022	0011A3022/41170	Torbay Road	CL1	90	100	0.86	0	60	41.67	0.86	0	1	0	41.67	0	60	102.53
A3022	0011A3022/41170	Torbay Road	CL1	70	80	42	0	27.57	35	42	0	1	0	35	0	27.57	104.57
A3022	0011A3022/41170	Torbay Road	CL1	60	70	60	0	34.05	23.33	60	0	1	0	23.33	0	34.05	117.38
A3022	0011A3022/41250	Torbay Road	CL1	60	70	20.06	0	34.05	38.33	20.06	0	1	0	38.33	0	34.05	92.44
A3022	0011A3022/41250	Torbay Road	CL1	0	10	60	74.67	60	0	74.67	0	1	0	0	0	60	134.67
A379	0011A379/40332	Torbay Road	CR1	1	11	60	0	40.54	0	60	0	1	0	0	0	40.54	100.54
A379	0011A379/41691	Torbay Road	CL1	589	590	60	80	0	13.33	80	0	1	0	13.33	0	0	93.33
A379	0011A379/41691	Torbay Road	CL1	460	470	60	17.33	0	35	60	0	1	0	35	0	0	95
A379	0011A379/41691	Torbay Road	CL1	250	260	60	21.33	43.78	0	60	0	1	0	0	0	43.78	103.78
A379	0011A379/41691	Torbay Road	CL1	100	110	53.31	80	11.35	13.33	80	1	1	1	13.33	0	11.35	105.68
A379	0011A379/41691	Torbay Road	CL1	0	10	38.91	0	60	33.33	38.91	14	1	14	33.33	0	60	146.24
A379	0011A379/41695	Torbay Road	CL1	30	40	60	76	14.59	0	76	0	1	0	0	0	14.59	90.59
A379	0011A379/41695	Torbay Road	CL1	330	340	0	0	60	33.33	0	0	1	0	33.33	0	60	93.33
B3201	0011B3201/45070	Torbay Road	CL1	0	10	0	80	0	11.67	80	0	1	0	11.67	0	0	91.67


The condition survey undertaken in 2018 is indicating that the cracking issue is extensive sporadically along the entire lengths of the carriageway.



Analysis of Utility Works in the last 5 years.

In the last 5 years, Babbacombe Road, in its whole length has been subject to 111 different utility sites which have been excavated in the carriageway and reinstated.

The criteria used to determine this figure is:

 Select records where All of the following apply

- NAMES STREET Equal to Value BABBACOMBE ROAD <Options>
- PHASES ACTSTART Greater than Value 01/04/2015 <Options>
- WORKS WORKSCLASS Equal to Value 1 - UTILITY WORKS <Options>
- PHASES TRAFFCODE Greater than Value 0 - NO CARRIAGEWAY INCURSION <Options>
- PHASES EXCAVTYPE Greater than Value 9 - POLE TESTING <Options>
- PHASES WORKSTATUS Equal to Value 6 - WORKS CLOSED (PERM. REINSTATEMENT) <Options>

STREET	OWNER_NAME	ACTSTART	ACTFINISH	EXCAVTYPE	WORKSDESC
BABBACOMBE ROAD	Wales & West Utilities	10/12/2015	10/12/2015	Other Works Involving Excavation	REPLACE TEMPORARY REINSTATEMENT WITH PERMANENT
BABBACOMBE ROAD	Wales & West Utilities	09/10/2015	09/10/2015	Other Works Involving Excavation	REPLACE TEMPORARY REINSTATEMENT WITH PERMANENT
BABBACOMBE ROAD	Wales & West Utilities	09/04/2015	14/04/2015	Other Works Involving Excavation	LAY NEW SERVICE 7M PUBLIC 3M PRIVATE
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	12/05/2015	14/05/2015	Other Works Involving Excavation	RENEWAL OF WATER PIPE
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	04/06/2015	05/06/2015	Other Works Involving Excavation	REPAIR BURST WATER MAIN
BABBACOMBE ROAD	BT	09/06/2015	10/06/2015	Other Works Involving Excavation	Replace 1 jointbox frame and cover(s) (2285mm x 680mm) in Carriageway
BABBACOMBE ROAD	BT	09/06/2015	10/06/2015	Other Works Involving Excavation	Replace 1 jointbox frame and cover(s) (2285mm x 680mm) in Carriageway
BABBACOMBE ROAD	BT	09/06/2015	10/06/2015	Other Works Involving Excavation	Replace 1 jointbox frame and cover(s) (1220mm x 680mm) in Carriageway
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	20/06/2015	24/06/2015	Open Cut	Excavations in highway to locate and repair LV cable fault
BABBACOMBE ROAD	MAY GURNEY NEW CONNECTIONS	14/09/2015	22/09/2015	Other Works Involving Excavation	PROVIDE NEW WATER SERVICE
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	05/08/2015	06/08/2015	Other Works Involving Excavation	REPAIR DEFECTIVE COVERS X 4
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	20/08/2015	21/08/2015	Other Works Involving Excavation	REPLACE STOP TAP
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	01/09/2015	01/09/2015	Other Works Involving Excavation	TO MAKE TEMPORARY REINSTATEMENT PERMANENT
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	23/08/2015	26/08/2015	Other Works Involving Excavation	REPAIR LEAKING COMMUNICATION PIPE
BABBACOMBE ROAD	BT	14/09/2015	27/09/2015	Other Works Involving Excavation	Install new cabinet with associated duct & box works where necessary
BABBACOMBE ROAD	MAY GURNEY DEVON SEWER NETWORK	25/09/2015	02/10/2015	Open Cut	INVESTIGATE POSSIBLE VOID CAUSED BY COLLAPSED SEWER
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	13/11/2015	13/11/2015	Other Works Involving Excavation	REPAIR LEAKING COMMUNICATION PIPE
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	29/10/2015	02/11/2015	Other Works Involving Excavation	REPAIR BURST COMMUNICATION PIPE
BABBACOMBE ROAD	Wales & West Utilities	19/01/2016	19/01/2016	Other Works Involving Excavation	REPLACING INTERIM REINSTATEMENT WITH PERMANENT
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	17/11/2015	19/11/2015	Other Works Involving Excavation	REPAIR BURST WATER MAIN
BABBACOMBE ROAD	MAY GURNEY S METERS	27/11/2015	30/11/2015	Other Works Involving Excavation	WATER METER INSTALLATION

BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	03/03/2016	14/03/2016	Open Cut	1 joint hole in tarmac road and 8m trenching in tarmac footway for new supply
BABBACOMBE ROAD	BT	29/01/2016	02/02/2016	Other Works Involving Excavation	locate and excavate 2 subsequent blockage in existing duct, Locate and excavate 3 blockage in existing duct
BABBACOMBE ROAD	MAY GURNEY DEVON SEWER NETWORK	02/02/2016	02/02/2016	Replacing manhole, or chambers	REPLACE DAMAGED MANHOLE COVER.
BABBACOMBE ROAD	MAY GURNEY S METERS	09/03/2016	10/03/2016	Other Works Involving Excavation	WATER METER INSTALLATION
BABBACOMBE ROAD	BT	10/03/2016	16/03/2016	Other Works Involving Excavation	1 .Install 42m of 1 way poly duct in Carriageway
BABBACOMBE ROAD	Wales & West Utilities	06/04/2016	08/04/2016	Other Works Involving Excavation	NEW GAS SERVICE 10M PUBLIC
BABBACOMBE ROAD	MAY GURNEY DEVON SEWER NETWORK	13/04/2016	15/04/2016	Replacing manhole, or chambers	REPAIR MANHOLE COVER
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	18/04/2016	18/04/2016	Other Works Involving Excavation	INVESTIGATE LOSS OF WATER PRESSURE
BABBACOMBE ROAD	Wales & West Utilities	20/06/2016	23/06/2016	Other Works Involving Excavation	6 M PUBLIC. 23 M PRIVATE
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	04/10/2016	12/10/2016	Open Cut	1 joint hole in tarmac road and 6m trenching in tarmac footway and concrete footway and tarmac road for new substation
BABBACOMBE ROAD	BT	12/07/2016	13/07/2016	Other Works Involving Excavation	Build 1 concrete chamber 915mm x 445mm x 965mm deep in Footway,Install 3m of 3 poly ducts in Verge
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	06/07/2016	08/07/2016	Open Cut	Urgent excavation in highway to locate and repair LV cable fault.
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	14/07/2016	18/07/2016	Open Cut	Urgent Service Disconnection
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	24/07/2016	28/07/2016	Open Cut	Urgent excavation in highway to locate and repair LV cable fault.
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	01/08/2016	01/08/2016	Other Works Involving Excavation	PROVIDE NEW WATER SERVICE
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	16/08/2016	17/08/2016	Other Works Involving Excavation	REPAIR DEFECTIVE COVER
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	08/09/2016	08/09/2016	Other Works Involving Excavation	REPAIR LEAKING COMMUNICATION PIPE
BABBACOMBE ROAD	Wales & West Utilities	14/09/2016	22/09/2016	Other Works Involving Excavation	TRACE AND REPAIR GAS ESCAPE AND PERMANENTLY REINSTATE WHERE POSSIBLE.
BABBACOMBE ROAD	Wales & West Utilities	15/09/2016	22/09/2016	Other Works Involving Excavation	URGENT WORK ON GAS PIPE
BABBACOMBE ROAD	Wales & West Utilities	19/09/2016	22/09/2016	Other Works Involving Excavation	REPLACE GAS PIPES URGENTLY
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	04/10/2016	06/10/2016	Open Cut	Urgent excavation in highway to locate and repair street light cable fault.
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	16/10/2016	17/10/2016	Other Works Involving Excavation	REPAIR BURST COMMUNICATION PIPE
BABBACOMBE ROAD	BT	25/10/2016	28/10/2016	Other Works Involving Excavation	Rolling programme of underground cable works with potential duct (pipe) blockages in Carriageway & Footway
BABBACOMBE ROAD	BT	24/11/2016	07/12/2016	Other Works Involving Excavation	Excavate to lay duct (new connection)
BABBACOMBE ROAD	BT	22/02/2017	22/02/2017	Other Works Involving Excavation	Interim to permanent reinstatement
BABBACOMBE ROAD	BT	16/11/2016	29/11/2016	Other Works Involving Excavation	Locate and excavate 1 blockage in existing duct
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	13/11/2016	14/11/2016	Other Works Involving Excavation	REPAIR STOP TAP
BABBACOMBE ROAD	BT	22/11/2016	23/11/2016	Replacing manhole, or chambers	Replace 1 jointbox frame and cover(s) (915mm x 445mm) in Footway
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	14/12/2016	15/12/2016	Other Works Involving Excavation	REPAIR BURST WATER MAIN
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	03/01/2017	03/01/2017	Other Works Involving Excavation	REPAIR DEFECTIVE COVER
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	04/04/2017	06/04/2017	Other Works Involving Excavation	REPAIR BURST COMMUNICATION PIPE
BABBACOMBE ROAD	BT	18/04/2017	20/04/2017	Other Works Involving Excavation	Erect/Renew 1 PCP cabinet and base (600mm x 300mm x 1000mm),Install 1m of 1 way poly duct in Verge,Install 2m of 3 poly ducts in Verge,Install 8m of 1 way poly duct in Footway,Provide 4 core drill(s) into jointbox or building

BABBACOMBE ROAD	BT	19/04/2017	21/04/2017	Other Works Involving Excavation	Build 1 concrete chamber 915mm x 445mm x 965mm deep in Footway,Install 4m of 1 way poly duct in Footway
BABBACOMBE ROAD	VIRGIN MEDIA	30/04/2017	30/04/2017	Other Works Involving Excavation	New customer connection - Lay 2m of duct with new tee & toby
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	10/05/2017	10/05/2017	Other Works Involving Excavation	REPAIR BURST COMMUNICATION PIPE
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	07/07/2017	12/07/2017	Other Works Involving Excavation	REPAIR BURST COMMUNICATION PIPE
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	31/07/2017	02/08/2017	Open Cut	Urgent excavation in highway to locate and repair street light cable fault.
BABBACOMBE ROAD	VIRGIN MEDIA	18/10/2017	16/11/2017	Other Works Involving Excavation	New customer connection - Lay approx 250m in footway
BABBACOMBE ROAD	BT	26/10/2017	31/10/2017	Other Works Involving Excavation	locate and excavate 1 subsequent blockage in existing duct,Locate and excavate 2 blockage in existing duct
BABBACOMBE ROAD	BT	08/12/2017	12/12/2017	Other Works Involving Excavation	Locate and excavate 2 blockage in existing duct,locate and excavate 2 subsequent blockage in existing duct
BABBACOMBE ROAD	Wales & West Utilities	27/02/2019	04/03/2019	Other Works Involving Excavation	LAY NEW SERVICE - 4M PUBLIC
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	08/12/2017	12/12/2017	Open Cut	Urgent excavation in highway to locate and repair LV cable fault.
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	08/01/2018	12/01/2018	SLAB WORKING	1 joint hole in modular footway for new supply
BABBACOMBE ROAD	BT	13/12/2017	18/12/2017	Other Works Involving Excavation	Locate and excavate 2 blockage in existing duct,locate and excavate 2 subsequent blockage in existing duct
BABBACOMBE ROAD	VIRGIN MEDIA	19/12/2017	20/12/2017	Other Works Involving Excavation	Clear Blockage in duct in footway
BABBACOMBE ROAD	MAY GURNEY NEW CONNECTIONS	27/02/2018	27/02/2018	Other Works Involving Excavation	TO MAKE TEMPORARY REINSTATEMENT PERMANENT
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	11/03/2018	11/03/2018	Other Works Involving Excavation	REPAIR BURST COMMUNICATION PIPE
BABBACOMBE ROAD	Wales & West Utilities	22/03/2018	26/03/2018	Other Works Involving Excavation	TRACE AND REPAIR GAS ESCAPE AND PERMANENTLY REINSTATE WHERE POSSIBLE.
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	09/05/2018	11/05/2018	Other Works Involving Excavation	Large joint hole in concrete footway for 4 way link box replacement/installation - with excavation
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	08/05/2018	10/05/2018	Open Cut	1 joint hole in grass verge for new supply
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	19/04/2018	23/04/2018	Other Works Involving Excavation	REPAIR BURST COMMUNICATION PIPE
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	15/05/2018	15/05/2018	Other Works Involving Excavation	REPAIR LEAKING COMMUNICATION PIPE
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	11/07/2018	11/07/2018	Other Works Involving Excavation	REPAIR BURST WATER MAIN
BABBACOMBE ROAD	MAY GURNEY DEVON SEWER NETWORK	23/08/2018	23/08/2018	Other Works Involving Excavation	REPLACE MANHOLE COVER
BABBACOMBE ROAD	MAY GURNEY S METERS	12/10/2018	12/10/2018	Other Works Involving Excavation	WATER METER INSTALLATION
BABBACOMBE ROAD	Wales & West Utilities	20/11/2018	27/11/2018	Other Works Involving Excavation	TRACE AND REPAIR GAS ESCAPE AND PERMANENTLY REINSTATE WHERE POSSIBLE.
BABBACOMBE ROAD	Wales & West Utilities	11/12/2018	11/12/2018	Other Works Involving Excavation	REPLACE TEMPORARY REINSTATEMENT WITH PERMANENT
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	23/11/2018	23/11/2018	Other Works Involving Excavation	INVESTIGATE LOSS OF WATER PRESSURE
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	26/11/2018	26/11/2018	Other Works Involving Excavation	INVESTIGATE LOSS OF WATER PRESSURE
BABBACOMBE ROAD	MAY GURNEY DEVON SEWER NETWORK	03/12/2018	03/12/2018	Other Works Involving Excavation	REPAIR DANGEROUS MANHOLE COVER
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	31/01/2019	31/01/2019	Other Works Involving Excavation	TO MAKE TEMPORARY REINSTATEMENT PERMANENT
BABBACOMBE ROAD	BT	14/02/2019	18/02/2019	Other Works Involving Excavation	Build 1 concrete chamber 915mm x 445mm x 965mm deep in Footway, Install 10m of 1 way poly duct in Footway
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	13/02/2019	15/02/2019	Other Works Involving Excavation	RENEW WATER PIPES
BABBACOMBE ROAD	BT	20/03/2019	22/03/2019	Other Works Involving Excavation	Locate and excavate 1 blockage in existing duct

BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	31/03/2019	02/04/2019	Open Cut	Urgent Service Disconnection
BABBACOMBE ROAD	MAY GURNEY DEVON SEWER NETWORK	08/05/2019	08/05/2019	Other Works Involving Excavation	REPLACE DEFECTIVE MANHOLE COVER
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	16/04/2019	16/04/2019	Other Works Involving Excavation	DISCONNECT WATER SERVICE
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	16/07/2019	16/07/2019	Other Works Involving Excavation	TO MAKE TEMPORARY REINSTATEMENT PERMANENT
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	28/05/2019	28/05/2019	Other Works Involving Excavation	REPAIR STOP TAP
BABBACOMBE ROAD	MAY GURNEY S LEAKAGE	09/06/2019	09/06/2019	Other Works Involving Excavation	REPAIR LEAKING COMMUNICATION PIPE
BABBACOMBE ROAD	MAY GURNEY DEVON SEWER NETWORK	19/06/2019	19/06/2019	Replacing manhole, or chambers	REPAIRS TO RAISE MANHOLE COVER
BABBACOMBE ROAD	MAY GURNEY DEVON SEWER NETWORK	10/07/2019	10/07/2019	Other Works Involving Excavation	REPAIRS TO RAISE MANHOLE COVER
BABBACOMBE ROAD	Wales & West Utilities	20/06/2019	24/06/2019	Other Works Involving Excavation	TRACE AND REPAIR GAS ESCAPE AND PERMANENTLY REINSTATE WHERE POSSIBLE.
BABBACOMBE ROAD	STREETWORKS TEAM SOUTH WEST	02/07/2019	08/07/2019	Open Cut	Urgent excavation in highway to locate and repair LV cable fault
BABBACOMBE ROAD	Wales & West Utilities	13/08/2019	15/08/2019	Other Works Involving Excavation	CUT OFF GAS FOR SAFETY 1M PUBLIC
BABBACOMBE ROAD	Wales & West Utilities	06/08/2019	12/08/2019	Other Works Involving Excavation	TRACE AND REPAIR GAS ESCAPE AND PERMANENTLY REINSTATE WHERE POSSIBLE.
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	30/09/2019	30/09/2019	Other Works Involving Excavation	REPAIR BURST COMMUNICATION PIPE
BABBACOMBE ROAD	MAY GURNEY S DISTRIBUTION	03/10/2019	04/10/2019	Other Works Involving Excavation	REPAIR DEFECTIVE COVER

Analysis of Utility Works for Torbay Road, Torquay

In the last 5 years, Torbay Road, Torquay, in its whole length has been subject to 55 different utility sites which have been excavated in the carriageway and reinstated. We reached these figures by using the same parameters as stated above.

STREET	OWNER_NAME	ACTSTART	ACTFINISH	EXCAVTYPE	WORKSDISC
TORBAY ROAD	BT	10/05/2015	12/05/2015	Other works involving excavation	locate and excavate 1 subsequent blockage in existing duct,Locate and excavate 2 blockage in existing duct
TORBAY ROAD	BT	17/05/2015	19/05/2015	Other works involving excavation	locate and excavate 1 subsequent blockage in existing duct,Locate and excavate 2 blockage in existing duct
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	21/06/2015	24/06/2015	Other works involving excavation	REPAIR BURST COMMUNICATION PIPE
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	21/06/2015	22/06/2015	Other works involving excavation	REPAIR BURST COMMUNICATION PIPE
TORBAY ROAD	MAY GURNEY DEVON SEWER NETWORK	22/07/2015	22/07/2015	Other works involving excavation	REPAIR DEFECTIVE COVER - USE OF PARKING BAYS OPPOSITE BAYSIDE TO BE SUSPENDED AND PEDESTRIAN CROSSING OPPOSITE TOLL HOUSE TO BE CLOSED
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	22/10/2015	22/10/2015	Other works involving excavation	REPAIR DEFECTIVE COVER
TORBAY ROAD	MAY GURNEY DEVON SEWER NETWORK	05/11/2015	05/11/2015	Other works involving excavation	REPLACE DEFECTIVE MANHOLE COVER
TORBAY ROAD	MAY GURNEY DEVON SEWER NETWORK	16/11/2015	19/11/2015	Open Cut	INVESTIGATE CAUSE OF ROAD SURFACE AROUND A MANHOLE TO BREAK UP.
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	06/01/2016	06/01/2016	Other works involving excavation	REPAIR BURST COMMUNICATION PIPE
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	18/01/2016	20/01/2016	Open Cut	Urgent excavation in highway to locate and repair LV cable fault.

TORBAY ROAD	MAY GURNEY NEW CONNECTIONS	09/02/2016	13/02/2016	Other works involving excavation	PROVIDE NEW WATER SERVICE
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	23/03/2016	30/03/2016	Open Cut	Urgent excavation in highway to locate and repair HV cable fault.
TORBAY ROAD	MAY GURNEY DEVON SEWER NETWORK	29/06/2016	29/06/2016	Replacing Manhole	REPLACE MANHOLE COVER
TORBAY ROAD	BT	31/08/2016	31/08/2016	Other works involving excavation	POLE SMASH, POLE IS IN A DANGEROUS POSITION AND IS FORCING PEDESTRIANS INTO THE ROAD, CABLE DOWN. 2 WAY LIGHTS REQUIRED TO REPLACE POLE AND MAKE SAFE. MULTIPLE CUSTOMERS ALSO OUT OF SERVICE.
TORBAY ROAD	BT	11/09/2016	12/09/2016	Other works involving excavation	Replace 1 jointbox frame and cover(s) (1220mm x 680mm) in Carriageway
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	15/09/2016	19/09/2016	Open Cut	Urgent excavation in highway to locate and repair street light cable fault.
TORBAY ROAD	BT	27/11/2016	29/11/2016	Replacing Manhole	Replace 1 jointbox frame and cover(s) (1220mm x 680mm) in Carriageway
TORBAY ROAD	BT	27/11/2016	29/11/2016	Replacing Manhole	Replace 1 jointbox frame and cover(s) (1220mm x 680mm) in Carriageway
TORBAY ROAD	MAY GURNEY DEVON SEWER NETWORK	22/03/2017	22/03/2017	Replacing Manhole	REPLACE TEMPORARY REINSTATEMENT WITH PERMANENT
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	07/03/2017	10/03/2017	Open Cut	Urgent excavation in highway to locate and repair LV cable fault.
TORBAY ROAD	MAY GURNEY S METERS	07/07/2017	10/07/2017	Other works involving excavation	REPLACE WATER METER
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	12/07/2017	14/07/2017	Open Cut	Urgent excavation in highway to locate and repair street light cable fault.
TORBAY ROAD	Wales & West Utilities	21/09/2017	02/10/2017	Other works involving excavation	TRACE AND REPAIR GAS ESCAPE AND PERMANENTLY REINSTATE WHERE POSSIBLE.
TORBAY ROAD	Wales & West Utilities	06/12/2017	06/12/2017	Other works involving excavation	REPLACE TEMPORARY REINSTATEMENT WITH PERMANENT
TORBAY ROAD	Wales & West Utilities	07/11/2017	13/11/2017	Other works involving excavation	NEW GAS SERVICE 11M PUBLIC
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	15/11/2017	17/11/2017	Open Cut	1 joint hole in tarmac footway for new supply
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	02/01/2018	05/01/2018	Open Cut	2 joint holes in tarmac footway and 7m trenching in tarmac footway for new supply
TORBAY ROAD	MAY GURNEY NEW CONNECTIONS	16/01/2018	18/01/2018	Other works involving excavation	PROVIDE NEW WATER SERVICE
TORBAY ROAD	BT	12/02/2018	14/02/2018	Other works involving excavation	Erect 1 cabinet and base (600mm x 300mm x 1000mm),Install 3m of 1 way poly duct in Footway
TORBAY ROAD	BT	27/01/2018	30/01/2018	Other works involving excavation	Replace 1 jointbox frame and cover(s) (725mm x 225mm) in Footway
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	22/02/2018	27/02/2018	Other works involving excavation	INVESTIGATE LOSS OF WATER PRESSURE
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	27/02/2018	03/03/2018	Other works involving excavation	INVESTIGATE LOSS OF WATER PRESSURE
TORBAY ROAD	BT	08/03/2018	12/03/2018	Other works involving excavation	Locate and excavate 1 blockage in existing duct
TORBAY ROAD	MAY GURNEY NEW CONNECTIONS	20/03/2018	26/03/2018	Other works involving excavation	PROVIDE NEW WATER SERVICE
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	29/03/2018	06/04/2018	Open Cut	Urgent excavation in highway to locate and repair LV cable fault.
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	10/04/2018	10/04/2018	Other works involving excavation	DISCONNECT WATER SERVICE
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	19/04/2018	23/04/2018	Other works involving excavation	REPAIR STOP TAP
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	30/04/2018	02/05/2018	Other works involving excavation	INVESTIGATE LOSS OF WATER PRESSURE
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	25/06/2018	29/06/2018	Other works involving excavation	TRIAL HOLE
TORBAY ROAD	BT	10/09/2018	12/09/2018	Other works involving excavation	Erect/Renew 1 PCP cabinet and base (600mm x 300mm x 1000mm)
TORBAY ROAD	Wales & West Utilities	01/03/2019	04/03/2019	Other works involving excavation	CUT OFF GAS FOR SAFETY 1M PUBLIC

TORBAY ROAD	MAY GURNEY DEVON SEWER NETWORK	24/09/2018	25/09/2018	Other works involving excavation	REPLACE MANHOLE COVER. WORKS WITHIN BUS STOP LAYBY. WORKS BETWEEN 0930-1630.
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	26/09/2018	28/09/2018	Open Cut	Urgent excavation in highway to locate and repair street light cable fault.
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	25/10/2018	29/10/2018	Other works involving excavation	REPAIR BURST COMMUNICATION PIPE
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	24/01/2019	24/01/2019	Other works involving excavation	REPAIR DEFECTIVE COVER
TORBAY ROAD	MAY GURNEY DEVON SEWER NETWORK	13/03/2019	13/03/2019	Other works involving excavation	REPAIR DANGEROUS MANHOLE COVER
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	29/03/2019	01/04/2019	Open Cut	Urgent excavation in highway to locate and repair street light cable fault
TORBAY ROAD	STREETWORKS TEAM SOUTH WEST	15/04/2019	17/04/2019	Open Cut	Urgent excavation in highway to locate and repair LV cable fault.
TORBAY ROAD	BT	18/04/2019	24/04/2019	Other works involving excavation	Replace 1 jointbox frame and cover(s) (1220mm x 680mm) in Carriageway
TORBAY ROAD	BT	18/04/2019	24/04/2019	Other works involving excavation	Replace 1 jointbox frame and cover(s) (1220mm x 680mm) in Carriageway
TORBAY ROAD	Wales & West Utilities	21/05/2019	24/05/2019	Other works involving excavation	TRACE AND REPAIR GAS ESCAPE AND PERMANENTLY REINSTATE WHERE POSSIBLE.
TORBAY ROAD	MAY GURNEY DEVON SEWER NETWORK	05/06/2019	05/06/2019	Other works involving excavation	REPAIR UNSTABLE MANHOLE COVER
TORBAY ROAD	BT	22/06/2019	25/06/2019	Other works involving excavation	Replace 1 jointbox frame and cover(s) (1220mm x 680mm) in Carriageway
TORBAY ROAD	MAY GURNEY S DISTRIBUTION	04/07/2019	04/07/2019	Other works involving excavation	REPAIR DEFECTIVE COVER X 3

Analysis of Highway Works for Babbacombe Road, Torquay

Babbacombe Road is a Primary Distributor route, the carriageway is inspected monthly by driven inspections. Defect are logged and repaired under reactive maintenance.

In the last 5 years, we have spent £8,002.14 on Reactive Carriageway Maintenance.

In the last 5 years, we have identified £118,232.57 in Planned Carriageway Maintenance

Planned Carriageway Maintenance or “Planned Works” is defined in the Torbay Council Highways Inspection Manual as;

“Planned Works

Works recorded as Planned refer to areas where the defect is not likely to exceed the appropriate safety investigatory level before the next cyclic inspection but in the estimation of the inspector, the area is in need of general maintenance. 7 Torbay Council – Highway Safety Inspection Manual 2018

Works will be entered into the Maintenance Management system and retained for comparison with the results of other condition surveys in deciding where to allocate funding for major planned renewal programs. This will in general, be undertaken on at least an annual basis when the Asset Management Plan is reviewed.

The Maintenance Management system will also hold records of works issued to the Council's contractor as capital investment schemes. These will be recorded as Programmed Works. The works will be taken into consideration for capital funding and maybe subject generally be completed within the same financial year as they were issued but this is dependent upon the value of funding available as a result of the value of defect repairs that are undertaken."

In 2016, we resurfaced a large section of Babbacombe Road, approximately 200 metres, between 118 Babbacombe Road and 160 Babbacombe Road, which cost in excess of £200,000. In 2019, we have proposed a smaller section to be resurfaced between Old Torwood Road and Lower Warberry Road, which is estimated to cost around £50,000. Both of these sections have been identified on plans found in part 1

Analysis of Highway Works for Torbay Road, Torquay

Torbay Road, Torquay is a Primary Distributor route, the carriageway is inspected monthly by driven inspections. Defect are logged and repaired under reactive maintenance.

In the last 5 years, we have spent £8,261.41 on Reactive Carriageway Maintenance.

In the last 5 years, we have identified £312,606.74 in Planned Carriageway Maintenance.

Planned Carriageway Maintenance or "Planned Works" is defined in the Torbay Council Highways Inspection Manual as;

"Planned Works

Works recorded as Planned refer to areas where the defect is not likely to exceed the appropriate safety investigatory level before the next cyclic inspection but in the estimation of the inspector, the area is in need of general maintenance. 7 Torbay Council – Highway Safety Inspection Manual 2018

Works will be entered into the Maintenance Management system and retained for comparison with the results of other condition surveys in deciding where to allocate funding for major planned renewal programs. This will in general, be undertaken on at least an annual basis when the Asset Management Plan is reviewed.

The Maintenance Management system will also hold records of works issued to the Council's contractor as capital investment schemes. These will be recorded as Programmed Works. The works will be taken into consideration for capital funding and maybe subject generally be completed within the same financial year as they were issued but this is dependent upon the value of funding available as a result of the value of defect repairs that are undertaken."

Proposed Drainage Renewal Bid

As part of the Maintenance Bid, we would seek to renew several areas of drainage, for both the A379 and A3022 sections proposed for Structural Maintenance.

The majority of the highway gullies along these sections of road are modern PCC gully pots. Using the assumption that 10% of covers could be considered for replacement due to age and type. Considerations for renewals for low lying areas and the bottom of steep catchments would benefit from the gully gratings being replaced with larger, higher efficiency style gratings. These would lessen blockage potential and improve the flow of water to the apparatus beneath. This would cause less disruption issues due to inclement weather events.

Babbacombe Road – St Annes road to Lisburne Square

- 10 % of gullies replaced / renewed. £8,000
- Low lying vulnerable highway in the vicinity of Ansteys Cove Road & Palace Hotel area – Upgrade gratings = £5,700
- Lower end of steep section of the catchment – Upgrade gratings = £4,200

Torwood Street

- 10 % of gullies replaced / renewed. £3,000
- Being the lower end of a steep section of the catchment – Upgrade gratings = £9,000

Torbay Road in front of Torre Abbey Meadows (Belgrave to Rathmore)

- 10 % of gullies replaced / renewed. £6,000
- Low lying & flat vulnerable section of highway prone to coastal flooding – Upgrade seaward side gratings = £9,000

Torbay Road, Tarroway Road to Cockington Lane

- 10% of gullies replaced / renewed. £3,000
- Low lying vulnerable highway in the vicinity of Hollicombe former gasworks – Upgrade gratings = £2,400
- Low lying vulnerable highway in the vicinity of speed camera / Livermead Cliff hotel – Upgrade gratings = £3,000

This equates to £53,300 of highway drainage improvements that could be described as flooding resilience.



Risk Assessment

Risk No.	Risk Type:	Key Signs:	Probability Score (1-4)	Probability Description	Impact Score (1-4)	Impact Description:	Risk Score:	Risk Rating:	Controls Required:	Value £
1	Unknown services encountered	Initial excavations	2	Other, previous work in the area did not find any unexpected services	2	Project delayed increased cost	4	Low	Carry out initial exploration – liaison with utilities	30,000
2	Adverse weather	Forecast, Heavy rain, Snow, Frost, Wind Conditions	2	Medium risk of weather delay, works in winter more subject to adverse conditions	3	Project delayed increased cost	6	Medium	Allow contingency following analysis of similar projects	20,000
3	Loss of political support	Change in composition of Council	1	Probability is low given cross party support	2	Delay to allow mediation or cost to redesign	2	Low	Funding reconsidered	50,000
4	High level of traffic congestion	Tailbacks, customer complaints, local media	2	Some impact on traffic flow during construction to be managed	1	Short term delay	2	Low	Coordinate works to avoid peak seasonal traffic	Nil
5	Failure to achieve outcome	Congestion, Air Quality, Traffic data	1	Modelling shows improvement to network	3	Further works required to deliver improvements	3	Low	Working with partners to set realistic expectations	150,000
6	Ground conditions	Excavation difficult (or voids)	1	Other, previous work in the area did not find any unexpected services	3	Delay	3	Low	Carry out trial excavations at early stage	25,000
7	Unforeseen increase in project costs	Budget profile	1	Cost includes contingency	4	Delay resolving finances or awaiting other resources or awaiting other resources	4	Low	Maximise value engineering and review most beneficial elements	75,000
8	Loss of contractor due to unforeseen circumstances	Programmes not met evidence of financial difficulty	1	Council's Corporate Procurement Strategy will ensure sound contractor is appointed	3	Delay awaiting other resources	3	Low	Financial assessments carried out as part of tender stage	20,000
Total Value										370,000
P50 Value										200,000

Finance Details – Assumed Costs

The tables on the following sheets show the different sections of carriageway that would be expected to be worked at various stages of this construction project. These tables are based on historic costs associated with two recent schemes along the A379 that have had to be treated to avoid ongoing reactive maintenance costs of almost £20K per annum.

The tables contain essential information such as the carriageway dimensions, construction costs and days required based on a single construction gang being available. In order to accommodate the whole project in a single financial year it will be necessary to work on phased sections along the route concurrently

COMPOSITE CARRIAGEWAY CONSTRUCTION REPLACEMENT - FULL RECONSTRUCTION – BID OPTION

Section	Length	Width	Area	Construction	Rate £	Total £	Days	Traffic Management
A3022 Torbay Road - Tarraway Road to Wheatridge Lane	313.0	9.3	2,910.9	Composite	85	247,426.5	18	Closure/Diversion
A3022 Torbay Road -Wheatridge Lane to Cliff Road	213.0	9.0	1,917.0	Composite	85	162,945.0	12	Closure/Diversion
A3022 Torbay Road - Cliff Road to Cockington Lane	364.0	9.0	3,276.0	Composite	85	278,460.0	21	Closure/Diversion
A3022 Torbay Road - Cockington Lane to Seaway Lane	177.0	9.0	1,593.0	Composite	85	135,405.0	10	Closure/Diversion
A3022 Torbay Road - Seaway Lane to Rathmore Road	125.0	16.0	2,000.0	Composite	85	170,000.0	13	Closure/Diversion
A3022 Torbay Road - Rathmore Road to The King's Drive	362.0	13.5	4,887.0	Composite	85	415,395.0	31	Closure/Diversion
A379 Torbay Road - The King's Drive to Belgrave Road	495.0	5.6	2,772.0	Flexible	45	124,740.0	17	Closure/Diversion
A379 Torbay Road - Belgrave Road to Strand (seaward side)	130.0	14.0	1,820.0	Composite	85	154,700.0	11	Closure/Diversion
A379 Cary Parade - Torbay Road to Strand	168.0	15.0	2,520.0	Composite	85	214,200.0	16	Closure/Diversion
A379 Strand - Cary Parade to Torwood Street	166.0	11.0	1,826.0	Composite	85	155,210.0	11	Closure/Diversion
A379 Torwood Street - Strand to The Terrace	78.0	11.0	858.0	Composite	85	72,930.0	5	Closure/Diversion
A379 Torwood Street - The Terrace to Babbacombe Road	277.0	10.0	2,770.0	Composite	85	235,450.0	17	Closure/Diversion
A379 Babbacombe Road - Torwood Street to Braddons Hill Road East	284.0	9.0	2,556.0	Composite	0	0.0	5	Convoy Working
A379 Babbacombe Road - Braddons Hill Road East to Lisburne Square	414.0	7.0	2,898.0	Composite	85	246,330.0	18	Closure/Diversion
A379 Babbacombe Road - Lisburne Square to Lincoln Hill Road	163.0	8.0	1,304.0	Composite	85	110,840.0	8	Closure/Diversion
A379 Babbacombe Road - Lincoln Hill Road to Ilsham Road	113.0	7.0	791.0	Composite	85	67,235.0	5	Closure/Diversion
A379 Babbacombe Road - Ilsham Road to Higher Warberry	164.0	8.0	1,312.0	Composite	85	111,520.0	8	Closure/Diversion
A379 Babbacombe Road - Higher Warberry to Asheldon Road	518.0	9.0	4,662.0	Composite	85	396,270.0	29	Closure/Diversion

A379 Babbacombe Road - Asheldon Road to Ansteys Cove Road	172.0	9.0	1,548.0	Composite	85	131,580.0	10	Closure/Diversion
A379 Babbacombe Road - Ansteys Cove Road to Perinville Road	359.0	8.0	2,872.0	Flexible	0	0.0	18	Not Applicable
A379 Babbacombe Road - Perinville Road to 185 Babbacombe Road	99.0	8.0	792.0	Composite	85	67,320.0	5	Closure/Diversion
A379 Babbacombe Road - 185 Babbacombe Road to Perinville Road	45.0	9.0	405.0	Composite	85	34,425.0	3	Closure/Diversion
A379 Babbacombe Road - Perinville Road to St Anne's Road	5946.0					£3,532,381.50	335	Gang hours

DO MINIMUM OPTION – SURFACE COURSES ONLY

Section	Length	Width	Area	Construction	Rate £	Total £	Days	Traffic Management
A3022 Torbay Road - Tarroway Road to Wheatridge Lane	642.0	9.0	5,778.0	Composite	45	260,010.0	12	Closure/Diversion
A3022 Torbay Road -Wheatridge Lane to Cliff Road	313.0	9.3	2,910.9	Composite	45	130,990.5	6	Closure/Diversion
A3022 Torbay Road - Cliff Road to Cockington Lane	213.0	9.0	1,917.0	Composite	45	86,265.0	4	Closure/Diversion
A3022 Torbay Road - Cockington Lane to Seaway Lane	364.0	9.0	3,276.0	Composite	45	147,420.0	7	Closure/Diversion
A3022 Torbay Road - Seaway Lane to Rathmore Road	177.0	9.0	1,593.0	Composite	45	71,685.0	3	Closure/Diversion
A3022 Torbay Road - Rathmore Road to The King's Drive	125.0	16.0	2,000.0	Composite	45	90,000.0	4	Closure/Diversion
A379 Torbay Road - The King's Drive to Belgrave Road	362.0	13.5	4,887.0	Composite	45	219,915.0	10	Closure/Diversion
A379 Torbay Road - Belgrave Road to Strand (seaward side)	495.0	5.6	2,772.0	Flexible	45	124,740.0	6	Closure/Diversion
A379 Cary Parade - Torbay Road to Strand	130.0	14.0	1,820.0	Composite	45	81,900.0	4	Closure/Diversion
A379 Strand - Cary Parade to Torwood Street	168.0	15.0	2,520.0	Composite	45	113,400.0	5	Closure/Diversion
A379 Torwood Street - Strand to The Terrace	166.0	11.0	1,826.0	Composite	45	82,170.0	4	Closure/Diversion
A379 Torwood Street - The Terrace to Babbacombe Road	78.0	11.0	858.0	Composite	45	38,610.0	2	Closure/Diversion
A379 Babbacombe Road - Torwood Street to Braddons Hill Road East	277.0	10.0	2,770.0	Composite	45	124,650.0	6	Closure/Diversion
A379 Babbacombe Road - Braddons Hill Road East to Lisburne Square	284.0	9.0	2,556.0	Composite	0	0.0	5	Convoy Working
A379 Babbacombe Road - Lisburne Square to Lincoln Hill Road	414.0	7.0	2,898.0	Composite	45	130,410.0	6	Closure/Diversion
A379 Babbacombe Road - Lincoln Hill Road to Ilsham Road	163.0	8.0	1,304.0	Composite	45	58,680.0	3	Closure/Diversion
A379 Babbacombe Road - Ilsham Road to Higher Warberry	113.0	7.0	791.0	Composite	45	35,595.0	2	Closure/Diversion

A379 Babbacombe Road - Higher Warberry to Asheldon Road	164.0	8.0	1,312.0	Composite	45	59,040.0	3	Closure/Diversion
A379 Babbacombe Road - Asheldon Road to Ansteys Cove Road	518.0	9.0	4,662.0	Composite	45	209,790.0	10	Closure/Diversion
A379 Babbacombe Road - Ansteys Cove Road to Perinville Road	172.0	9.0	1,548.0	Composite	45	69,660.0	3	Closure/Diversion
A379 Babbacombe Road - Perinville Road to 185 Babbacombe Road	359.0	8.0	2,872.0	Flexible	0	0.0	6	Not Applicable
A379 Babbacombe Road - 185 Babbacombe Road to Perinville Road	99.0	8.0	792.0	Composite	45	35,640.0	2	Closure/Diversion
A379 Babbacombe Road - Perinville Road to St Anne's Road	45.0	9.0	405.0	Composite	45	18,225.0	1	Closure/Diversion
						£2,188,795.50	115	Gang hours

These financial projections below are based on the assumptions of

1. The sections listed above require full reconstruction or
2. The sections listed above require surface treatments.

In order to ascertain the required works for the challenge bid, we would undertake a Ground Penetrating Radar Survey on the sections.

1. Using the assumption that the sections listed above require full reconstruction:-

The projected reconstruction scheme cost (2017) £3,532,381.50 is adjusted as below

Sub Total for Surfacing Reconstruction (2017) - £3,532,381.50

Inflation Cost since 2017 Estimate - £152,882.65

Sub Total for Drainage Renewal (2019) - £53,300

Contingency 10% Rate - £368,526.41

Fees 7% - £257,968.49

Ground Penetrating Radar Survey - £15,000 est

(2019) Total = £4,122,090.56 (1.8% over 2018)

(2020) Total = £4,204,532.37 (using assumed 2.0% Inflation from 2019 to 2020)

(2021) Total = £4,288,623.01 (using stabilized assumed inflation from 2020 to 2021)

2. Using the assumption that the sections listed above require surface treatments:-

The projected surface treatment scheme (2017) of £2,188,795.50 is adjusted below

Sub Total for Surfacing Reconstruction (2017) - £2,188,795.50

Inflation Cost since 2017 Estimate - £94,731.80

Sub Total for Drainage Renewal (2019) - £53,300

Contingency 10% Rate - £228,352.73

Fees 7% - £159,846.91

Ground Penetrating Radar Survey - £15,000 est

(2019) Total = £2,725,041.94 (1.8% over 2018)

(2020) Total = £2,779,542.77 (using assumed 2.0% Inflation from 2019 to 2020)

(2021) Total = £2,835,133.62 (using stabilized assumed inflation from 2020 to 2021)

Sections Highlighted in YELLOW have been previously treated or resurfaced and are not considered in the funding for maintenance.

Ground Penetrating Radar Assumptions

The Importance of undertaking a Ground Penetrating Radar Survey on the entire length of the proposed sections could return a 20% reduction in Reconstruction of the road surface, replacing it with equivalent surface course treatments;

Based on the 2019 figures. **The assumed reduction in Challenge Bid funding of this would be:-**

Cost of Ground Penetrating Radar Survey is £15,000 est.

Surface Course Treatment Valuation of 20% = $2656741.94/5 = £531,348.38$

Full Reconstruction Treatment Valuation of 20% = $4,053,790.56/5 = £810,758.11$

Difference between the two treatments. Minus cost of GPR = £264,409.73

Letters of Endorsement – Repeated Support for 2019 Bid

From: Bob Dennison [<mailto:Bob.Dennison@stagecoachbus.com>]

Sent: 30 March 2017 11:58

To: Clewer, John

Cc: 'Robert Williams' **Subject:** RE: Challenge Fund Bid - Supporting Statement Request.

Hi John,

We would be happy to support this. As a commercial bus service operator our primary focus is our customers and the quality and condition of road surfaces directly affects the quality of ride that we are able to provide, either due to the road surface itself or the actions the drivers need to take to avoid pot holes or other damage. Damaged or uneven road surfaces also have the potential to cause damage to our vehicles, which can affect service reliability or significant costs.

Please let me know if you require any further information.

Regards,

Bob Dennison
Managing Director
Stagecoach South West

Matford Park Depot
Matford Park Road
Exeter
EX2 8FD

T: 01392 531671

F: 01392 531676

E: bob.dennison@stagecoachbus.com

Stagecoach South West is a trading name of Stagecoach Devon Limited.
Registered Office: Daw Bank, Stockport, Cheshire. SK3 0DU
Registered in England and Wales No. 3142135



Mr Adam Luscombe |
Strategy and Project Delivery
Torbay Council
Electric House,
Castle Circus,
Torquay
Devon
TQ1 3DR

27 March 2017

Dear Adam

Project: -Torbay Council, Local Enterprise Partnership Endorsement

Thank you for requesting an endorsement from the Heart of the South West Local Enterprise Partnership for Torbay's Council Bid to the 2017 Local Highways Challenge Fund.

Having reviewed your proposal, we are happy to confirm that your project strongly aligns with the objectives within our Strategic Economic Plan.

Our Strategic Economic Plan emphasises the fundamental role of infrastructure, including major roads, in underpinning growth. Given our peninsula geography, Strategic Connectivity is a major priority for business in the South West, and therefore our Growth Plan placed great importance on improving the quality and resilience of our transport networks.

We welcome the proposed investment in the main north-south coastal route in Torbay, linking the three centres of Torquay, Paignton and Brixham. Good connectivity between the three centres is vital to the economic performance of Torbay.

This investment is complementary to the improvement of the Western Corridor, part funded through Growth Deal, and the recent completion of the A380 South Devon Highway, which created a dual carriageway link between Torbay and the national motorway network at Exeter.

We very much hope that your proposal is successful. As one of the terms of our endorsement, we require applicants to inform us of the progress of their proposals so that we can monitor the picture across the whole LEP footprint. In addition, we also request that applicants ensure that the Partnership's endorsement is cited in all appropriate publicity. Should you require any assistance in this regard, or in any further activity relating to your bid, please do not hesitate to ask.

We look forward to hearing about the progress of your project and to a successful outcome.

Yours sincerely



Chris Garcia
Chief Executive

Heart of the South West Local Enterprise Partnership



