



## Agenda

**Meeting:** Scarborough and Whitby Area Constituency Committee

**To:** Councillors Joe Plant (Chair), Clive Pearson (Vice-Chair), Andrew Backhouse, Derek Bastiman, Eric Broadbent, David Chance, Liz Colling, David Jeffels, Janet Jefferson, Andrew Jenkinson, Tony Randerson, Roberta Swiers and Callum Walsh.

**Date:** Friday, 3rd December 2021

**Time:** 10.30 am

**Venue:** Remote meeting held via Microsoft Teams

Under his delegated decision making powers in the Officers' Delegation Scheme in the Council's Constitution, the Chief Executive Officer has power, in cases of emergency, to take any decision which could be taken by the Council, the Executive or a committee. Following on from the expiry of the Local Authorities and Police and Crime Panels (Coronavirus) (Flexibility of Local Authority and Police and Crime Panel Meetings) (England and Wales) Regulations 2020, which allowed for committee meetings to be held remotely, the County Council resolved at its meeting on 5 May 2021 that, for the present time, in light of the continuing Covid-19 pandemic circumstances, remote live-broadcast committee meetings should continue (as informal meetings of the Committee Members), with any formal decisions required being taken by the Chief Executive Officer under his emergency decision making powers and after consultation with other Officers and Members as appropriate and after taking into account any views of the relevant Committee Members. This approach will be reviewed in February 2022.

The meeting will be available to view once the meeting commences, via the following link - [www.northyorks.gov.uk/livemeetings](http://www.northyorks.gov.uk/livemeetings). Recording of previous live broadcast meetings are also available there.

### Business

1. **Introductions & Apologies for Absence**
2. **Minutes of the meeting held on 17 September 2021** (Pages 3 - 6)
3. **Declarations of Interest**
4. **Public Questions & Statements**  
Members of the public may ask questions or make statements at this meeting if they have given notice and provided the text to Melanie Carr of Democratic Services (*contact details below*) no later than midday on Tuesday 30<sup>th</sup> November 2021. Each speaker should limit themselves to 3 minutes on any item. Members of the public who have given

notice will be invited to speak:

- at this point in the meeting if their questions/statements relate to matters which are not otherwise on the Agenda (subject to an overall time limit of 30 minutes);
- when the relevant Agenda item is being considered if they wish to speak on a matter which is on the Agenda for this meeting.

If you are exercising your right to speak at this meeting, but do not wish to be recorded, please inform the Chairman who will instruct those taking a recording to cease whilst you speak.

- 5. Briefing on Temporary Closure of Esk Ward at Cross Lane Hospital, Scarborough** (Pages 7 - 10)  
Purpose: Briefing from Tees, Esk & Wear Valleys NHS Foundation Trust on the temporary closure of the 13 bed in-patient unit for people with mental health conditions who are of working age
- 6. Rural Policing Update** (To Follow)  
Purpose: To provide an update on the work of the Rural Taskforce across the Constituency area.
- 7. Schools, Educational Achievement & Finance** (Pages 11 - 22)  
Purpose: To provide an update on the local educational landscape, educational achievement and the financial challenges affecting schools in the Scarborough & Whitby constituency committee area.
- 8. Whitby Swing Bridge Update** (Pages 23 - 60)  
Purpose: To update Members on maintenance issues regarding Whitby Swing Bridge
- 9. Scarborough & Whitby Area Constituency Committee Work Programme 2020/21** (Pages 61 - 64)
- 10. Other business which the Chairman agrees should be considered as a matter of urgency because of special circumstances.**

#### Contact Details

Enquiries relating to this agenda please contact Melanie Carr Tel: 01609 533849 or e-mail:

[Melanie.carr1@northyorks.gov.uk](mailto:Melanie.carr1@northyorks.gov.uk)

Website: [www.northyorks.gov.uk](http://www.northyorks.gov.uk)

Barry Khan  
Assistant Chief Executive  
(Legal and Democratic Services)

County Hall  
Northallerton

25 November 2021

## North Yorkshire County Council

### Scarborough and Whitby Area Constituency Committee

Minutes of the remote meeting held on Friday 17th September 2021 commencing at 2.30 pm.

County Councillor Joe Plant in the Chair. Plus, County Councillors Clive Pearson, Eric Broadbent, Liz Colling, Janet Jefferson, Tony Randerson and Roberta Swiers.

In attendance: County Councillor Carl Les.

Officers present: Richard Marr, Louise Wallace and Claire Robinson.

Other Attendees: Rt Hon Robert Goodwill MP

Apologies: County Councillors Andrew Backhouse, Derek Bastiman, David Chance, David Jeffels, Andrew Jenkinson and Callum Walsh.

---

**Copies of all documents considered are in the Minute Book**

---

#### **95 Introductions & Apologies for Absence**

The Chair welcomed everyone to the meeting and Members introduced themselves. Apologies were received from County Councillor David Chance.

#### **96 Minutes of the meeting held on 9 July 2021**

**Resolved –**

That the Minutes of the meeting held on 9 July 2021, having been printed and circulated, be taken as read and confirmed and signed by the Chair as a correct record.

#### **97 Declarations of Interest**

There were no declarations of interest.

#### **98 Public Questions & Statements**

There were no public questions or statements.

#### **99 Attendance of MP Robert Goodwill**

County Councillor Joe Plant welcomed Rt Hon. Robert Goodwill MP to the meeting, who in turn welcomed the opportunity to attend the Committee meetings, and the recent decision regarding local government reorganisation. He looked forward to there being a smooth transition and was pleased to note Scarborough Borough Council's decision to create town council. He suggested consideration should be given to its boundary to encompass some of the surrounding parish council areas as he could see the benefits that would bring to the residents of those areas.

He raised concerns about access to NHS dentistry, and outlined the current situation across the constituency where large numbers of people particularly children were unable to access an NHS dentist. He suggested this was not because the resource was not there, but because dentists were reluctant to take NHS patients for a number of reasons e.g. recruitment and the closure of some NHS dentists. He went on to suggest that consideration should be given to limiting the allocation of NHS dentist places only to those who could not afford private treatment. Members noted the length of time it took to train a dentist (6-7years) and the number graduating each year (approx. 1300). It was suggested they needed to be incentivised to work in the NHS and any disincentives for those at the top of their medical profession needed to be removed in order to retain them for longer.

The MP went on to discuss with Members:

- A recent initiative from the Scarborough Business Ambassadors to sell the town and encourage newly appointed doctors to come and work at the newly refurbished Scarborough Hospital;
- The issue of access to GP surgeries – He suggested there should now be a return to face-to-face appointments.
- Businesses being unable to get the staff they need, particularly in the hospitality and care sectors although he noted that working in a care home was now getting greater more recognition for the skills required, which he hoped would encourage more interest;
- The investment in Whitby Hospital, which he saw as a sign it was there to stay. He suggested it would be beneficial to hold more clinics on that site, in order to reduce the need for travelling;
- The availability of Level Up Funding for the area - the need for a new Park & Ride on the A171 Whitby to Scarborough road and other infrastructure projects;
- The need to increase visitor spend in Whitby without increasing visitor numbers;
- The growing number of second homes becoming holiday homes that do not pay Council tax, but take advantage of the full range of council services e.g. waste collections. He confirmed he had engaged with the Chancellor on the issue and he was optimistic it would be addressed;
- The Community Renewal Fund which needed to be spent by March 2022
- The effect the pandemic had had on many of the issues raised.

County Councillor Carl Les joined the meeting at 3:11pm

County Councillor Joe Plant thanked the MP for his attendance and offered him an open invitation to attend all future meetings of the Committee.

## **100 Health in Coastal Communities**

Louise Wallace, Director of Public Health introduced the UK Chief Medical Officer's second annual report published on the 21 July 2021, which analysed the health and wellbeing of England's coastal communities and its relevance to the Scarborough and Whitby area.

She welcomed the report as it not only highlighted some of the issues faced by those living in a coastal community but also the benefits. She drew attention to the report's comparison of the health disparities between coastal communities and their inland neighbours, and its exploration of the drivers of poorer health outcomes and the key challenges.

Claire Robinson, Health Improvement Manager drew Members' attention to the key challenges identified within the report and how they related to the Scarborough and Whitby area. She drew specific focus the Council's partnerships approach to addressing

those key challenges, and to the case studies in the report, which gave examples of the ongoing work.

It was noted that the move to becoming a unitary would provide a good opportunity for improving joint working with public health colleagues in District Councils, the communities and voluntary sector. This in turn would help to better address the health inequalities, both qualitatively and quantitatively.

Members agreed it was a great report and noted North Yorkshire was seen as a place where health outcomes and life expectancy were good, but agreed it did not reflect the true picture of the whole county. Members went on to acknowledge and discuss with the MP the following:

- The need to encourage anchor institutions to buy/procure locally;
- The difficulties associated with health checks i.e. reaching some parts of the communities;
- In regard to the wider community offer – the need to understand the barriers to accessing lifestyle services usually accessed through GPs but disrupted due to Covid;
- The work of the Income maximisation team and the £39m claimed additional and previously unclaimed/unpaid welfare benefits for citizens of North Yorkshire;
- The poor take up of Healthy Start vouchers – it was agreed a breakdown would be provided following the meeting;
- The high levels of multiple deprivation due to unemployment, and the steps being taken to address it across the Scarborough & Whitby area;
- The need for adequate government funding and support for areas not only those with high levels of multiple deprivation, but also for those with a significant elderly population like North Yorkshire;
- The increase in the rate of mortality due to cardiovascular diseases, cancers and respiratory conditions in under 75 year olds across the constituency area, significantly above regional and national averages;
- The need to promote and encourage families to grow their own fruit and vegetables. Also the need to invest in communities and peer groups to make improvements at a grass roots level;

Finally, Louise Wallace confirmed that Members could access the data on public health challenges and health profiles via the Joint Strategic Needs Assessment partnership webpage.

County Councillor Joe Plant thanked officers for the report and it was

**Resolved** – That the report be noted.

## **101 Scarborough & Whitby Area Constituency Committee Work Programme 2020/21**

Considered -

The report of the Assistant Chief Executive (Legal and Democratic Services) asking Members to review the Work Programme, taking into account the outcome of discussions on previous agenda items and any other developments taking place across the area.

County Councillor Joe Plant reminded Members about the ongoing Police, Fire & Crime Plan consultation and it was agreed that rather than submitting a Committee response, Members could respond individually if they wished to do so.

County Councillor Janet Jefferson raised concerns about flash flooding in specific parts of the constituency area and confirmed she was trying to arrange a site meeting with representatives from Yorkshire Water. It was noted that Yorkshire Water would be attending the next meeting of the Committee on 3<sup>rd</sup> December 2021, which would provide an opportunity for the issue to be discussed.

**Resolved** - That the work programme be noted

The meeting concluded at 3.50 pm.

**North Yorkshire and York AMH**  
**Esk ward: sustainability of inpatient provision**

The purpose of this paper is to provide an update position regarding Esk Ward and review of the ward and service ability to sustain the safety of the ward remaining open.

**1.0 Context**

Within the service and trust, the ability to retain and recruit staff into the adult wards at Cross Lane Hospital has been a revolving issue for several years. Key actions to address this has been to introduce attractive roles to the unit, support an international recruitment campaign bespoke recruitment events, with limited success, and the piloting of a recruitment and retention premia.

**2.0 Current state**

The review of the ward's staffing escalation template was undertaken in October 2021 due to an increasing number of nursing staff vacancies and the imminent retirement of the locum consultant. On its review, whilst the staff available across all roles showed only a moderate % gaps in posts, the overall number and forecast of registered nurses across the band 5 and band 6 clinical lead posts was considered unsafe. In addition to access to nursing capacity, the unit still has not been able to recruit into the consultant psychology and psychiatry posts that are essential to delivering a multidisciplinary approach to patient care, providing effective treatment and support to the ward.

A key mitigating factor of using block booked agency was also lost due to changing pay conditions with the agency and offer of other providers.

Along side the core number of registered nurses that support care delivery, professional development and operational running of the ward, there exists:

- ward manager
- practice development practitioner
  - psychological therapist
- 15.05 wte HCA (over established to support the S136 suite and back of people on RNDP)
- 0.5 OT
- OT assistants

In addition, there is also senior posts supporting the unit:

- acting nurse consultant – covering the maternity leave of the non-medical AC trainee
- acting modern matron – pulled from the SWR crisis team

**3.0 Joint review of current staffing**

On 11 October, an urgent meeting was held to consider the options and ability to safely staff the ward, managing the level of clinical need for patients and the safety of the ward. The meeting included senior leads across the Trust responsible for operations and including clinical representation of nursing, psychiatry, psychology.

In this remedial review, 4 primary options were considered, against the chronic inability to recruit staff to the ward over time, retain staff and the increasing patient experience issues that are presenting, in part due to changing nature of patient presentations, but also the wards reduced ability to engage patients in a consistent way.

Risk	Benefits
<b>Option One:</b> Continue to manage the ward on a day by day basis at risk	
<b>Option two:</b> staff the unit using the senior nursing leadership in the locality and within AMH (requires 3.58wte to meet the requirements of the core rota)	
<b>Option three:</b> reduce the overall bed base to 10	
<b>Option four:</b> Close Esk ward and consideration of a flexible patient mix on Danby for 6 months	
<ul style="list-style-type: none"> <li>• Impact on trust bed capacity and need to support out of area admissions and secure out of Trust bed capacity</li> <li>• Increase of patient complaints due to loss or reduction of local access to beds</li> <li>• Impact on the lone impatient psychiatrist without a peer – mitigate by the crisis consultant on site</li> <li>• Risk that Danby medic confirms her intention to go to the Ripon community or Scarborough community posts that is due to be advertised</li> <li>• Inpatient staff leave due the change to in patient group.</li> </ul>	<ul style="list-style-type: none"> <li>• Protects remain staff resource to improve staffing on Danby and within the crisis team</li> <li>• Capacity to make sue of the operational and development leads to do targeted recruitment</li> <li>• Protects crisis and S136 responses, including the role of medic</li> <li>• Mitigate against patient experience and incident concerns</li> <li>• Protects operational and senior nursing capacity</li> <li>• Increases OT and psychological therapy capacity to Danby ward</li> <li>• Reducing the need for bank and agency staff and costs</li> <li>•</li> </ul>

#### 4.0 Preferred option

From the review, there was consensus from all those present at the review meeting that Option 4 was to be the joint recommendation for trust consideration with the following considerations:

- The ward remains closed for a period of up to 6 months and we are work in partnership with colleagues across PCN, local authority and CCG partners regarding a joint approach to recovery;
- That the current Esk patients are not decanted and supported on the ward until the end of October, reducing the number that need to be transferred to another ward and allowing them wherever possible to complete their treatment prior to discharge;
- The operational development leadership supports a project to proactively recruit into vacant post;s
- The released capacity accelerates the development of the international recruits, starting in December;
- The retention and recruitment premia is financially approved to protect against the loss of current staff at the Ayckbourn Unit – this is now an agreed pilot for 12 months.



## 5.0 Current State

The ward was temporarily closed on the 12<sup>th</sup> November 2021 and with safe management of patients and one transfer to Foss Park Hospital, York to complete their treatment. A full communications plan to support patients, their families and to inform the local community and partners was also developed and implemented w/b 25<sup>th</sup> October 2021. Remaining staff have been deployed to support Danby Ward, Cross Lane Hospital, the crisis team and community teams to ensure we provide additional support where needed. We have implemented a pilot re the use of recruitment and retention premia and there is positive progress re the internal recruitment project with 3 candidates appointed and further interviews scheduled.

**Author:** Naomi Lonergan, Director of Operations

**Date** 22 November 2021

This page is intentionally left blank



**North Yorkshire County Council  
Scarborough and Whitby Area Constituency Committee  
3 December 2021**

**Schools, Educational Achievement and Finance**

**1.0 Purpose of the Report**

1.1 To inform Members of the local educational landscape, educational achievement and the financial challenges which affect schools in the Scarborough and Whitby constituency committee area.

**2.0 Local educational landscape**

2.1 There are now 14 primary academies and 5 secondary academies within the Scarborough and Whitby constituency area. The academy conversion rate for primary schools is slightly higher within the constituency area when compared to the county as a whole (36.8% compared to 32.1% in North Yorkshire.) The academy conversion rate for secondary schools is higher (71.4% compared to 62.8% in North Yorkshire).

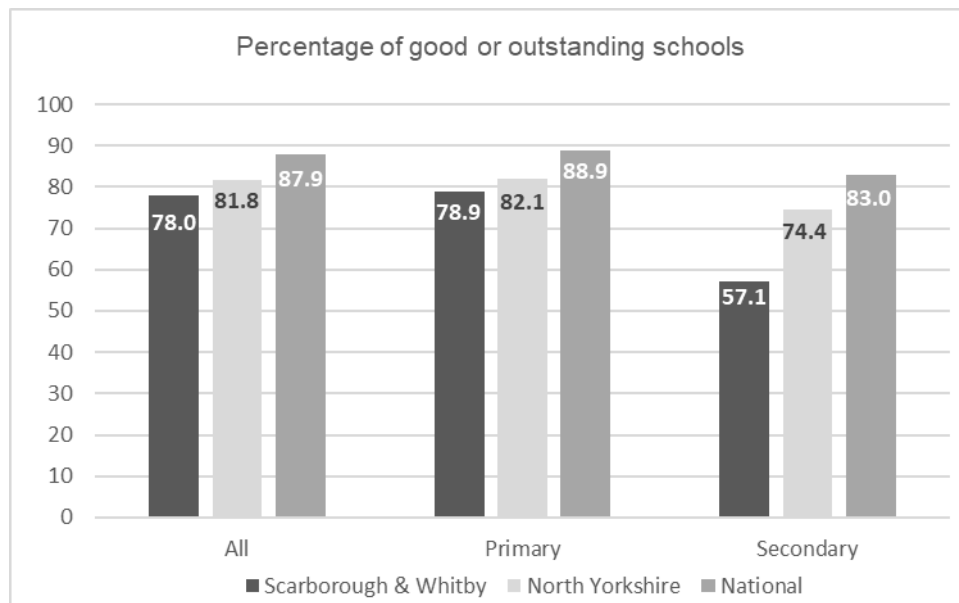
**Summary of schools' status – November 2021**

	Schools in North Yorkshire		Schools in Scarborough and Whitby ACC	
Primary Maintained	205	67.9%	24	63.2%
Primary Academy & Free School	97	32.1%	14	36.8%
<b>Total</b>	<b>302</b>		<b>38</b>	
Secondary Maintained	16	37.2%	2	28.6%
Secondary Academy & UTC	27	62.8%	5	71.4%
<b>Total</b>	<b>43</b>		<b>7</b>	
Special Maintained	7	70%	2	66.66%
Special Academy	3	30%	1	33.33%
<b>Total</b>	<b>10</b>		<b>3</b>	
PRU Maintained	4	80%	1	100%
PRU Academy	1	20%	0	
<b>Total</b>	<b>5</b>		<b>1</b>	
<b>Total maintained</b>	<b>232</b>	<b>64.4%</b>	<b>29</b>	<b>59.2%</b>
<b>Total Academy</b>	<b>128</b>	<b>35.6%</b>	<b>20</b>	<b>40.8%</b>
<b>Overall Total</b>	<b>360</b>		<b>49</b>	

### 3.0 School standards

#### 3.1 School Ofsted judgements

In the constituency area 78.9 per cent of primary schools are judged good or outstanding by Ofsted, which is below the North Yorkshire and national averages. In terms of secondary schools, 57.1 per cent are judged good or outstanding, which is also lower than the North Yorkshire and national averages. There are 12 schools currently judged requires improvement or inadequate in the constituency area.



#### 3.2 Attainment overall

The Committee has previously (6 November 2020) considered a report which contained all of the key attainment data for 2017, 2018, and 2019.

Over the last 2 years, exams and assessments in schools have not taken place because of the disruption to students' education caused by the coronavirus (COVID-19) pandemic.

In 2020, GCSEs, AS and A level exams, and those for some equivalent qualifications, faced widespread cancellation and were replaced with a grading process involving centre assessment followed by statistical standardisation. Ultimately, statistical standardisation was dropped in favour of teacher/ centre assessment, unless the adjusted grades were higher.

Summer 2021 assessments were awarded based on teacher or centre assessment and no statistical adjustment processes were used. Final results for many qualifications, including GCSEs and A Levels, were released to schools in August 2021. Review and appeal processes have been made available where students believe they received the wrong grades, but overall, final grades were significantly higher in both 2020 and 2021 than in 2019.

The Government intends for GCSEs, AS, A Level and equivalent assessments and exams to go ahead in England in summer 2022 and has consulted on assessment arrangements. It is proposing some changes to general, and vocational and technical qualifications (VTQs). Additionally, current plans would see school-level performance (league) tables reintroduced for the end of the GCSE phase (key stage 4) in 2022; school-level information is not being published during either 2020 or 2021. Further detail is expected about how the assessments will be graded in 2022 and beyond. Some concerns remain about whether these measures will go far enough to address inequalities, and whether schools, colleges, and students will have enough notice of the final arrangements.

In primary schools, national curriculum assessments due to be held in summer 2020 and summer 2021, including tests, teacher assessments and the phonics screening check, were also cancelled too. These statutory assessments are expected to resume in 2022 and we will also see the wider introduction of the Reception Baseline Assessment.

Due to the changes in exams and assessments, the DfE has not collected and released school data for comparative purposes and so there is nothing to report to this Committee until Autumn 2022 when the results of the summer 2022 cycle will have been published.

### 3.3 Not in education, employment or training

There were 885 young people recorded in Year 11 in this constituency in May 2020 and of this cohort only 13 (1.47%) were not in education, employment or training after leaving school as of August 2021.

## 4.0 Fixed-term and Permanent Exclusions

### 4.1 Fixed-term exclusion incidents

Fixed term exclusions				
Academic year	Scarborough & Whitby	North Yorkshire	Percentage of North Yorkshire total	Most common reason (Scarborough & Whitby)
2020/21	710	3257	21.80%	Persistent or general disruptive behaviour (36.3%)
2019/20	1059	4366	24.30%	Persistent or general disruptive behaviour (48.1%)

In the 2020/21 academic year, there have been a total of 3257 fixed term exclusions for a total of 1462 individual children in North Yorkshire. 326 of these children were on roll of mainstream schools in Scarborough and Whitby constituency.

In the same period last year, there were 4189 fixed-term exclusions for a total of 1491 individual children, 348 of these children were on roll of mainstream schools in Scarborough and Whitby constituency.

The most common reason for a fixed-term exclusion in the constituency has consistently been ‘persistent disruptive behaviour’.

In 2019/20 schools in the constituency area had a 14.4% share of the schools population in North Yorkshire and 24.3% of fixed term exclusions for the county, this decreased to 21.8% in the 2020/21 academic year.

Fixed-term exclusions can be a useful sanction, but frequent use can place pressure on family and foster placements, impacts on achievement, and may lead to risky behaviour while the pupil is not in school during the day.

## 4.2 Permanent exclusions

Permanent exclusions			
Academic year	Scarborough & Whitby	North Yorkshire	Percentage of North Yorkshire total
2020/21	7	26	26.9%
2019/20	5	52	9.6%

**4.3** From September 2020 the transition of the Pupil Referral Service (PRS) to provide preventative places to reduce the need for secondary exclusions has been introduced. Schools are able to request placements at the PRS as part of a joint education programme for children that are disengaging from mainstream school. The partnership approach between the PRS and school will ensure that children receive the necessary support without a permanent exclusion. Post implementation review of this practice was due to be carried out this year but has been delayed due to Covid 19 and will take place next year.

## 5.0 Special Education Needs and Disabilities

### 5.1 Targeted Mainstream Provision

The development of the new model of provision, Targeted Mainstream Provision (TMP) is intended to help the LA meet demand for full time education provision for children with SEND and who have an Education, Health and Care Plan. This model delivers provision for children and young people who are able to access mainstream education but with additional support for their special educational needs.

Over the 2020/21 academic year the first provisions were successfully opened and a number of schools were approved to operate TMPs. East Whitby Primary school opened a Communication and Interaction targeted provision in January 2021 and has been successfully supporting a number of children and young people. A primary SEMH targeted provision based at West Cliff Primary Academy has opened in November 2021 following a comprehensive capital works scheme on the site.

Work is continuing through 2021/22 to increase the amount of TMPs in areas which do not yet have host schools identified, to ensure that the LA has capacity to meet demand for this provision.

The 'outreach' offer for children and young people with SEND continues to be met by the SEND multi-disciplinary hubs made up of specialist staff employed directly by the Local Authority including specialist teachers, practitioners, educational psychologists and therapists.

## **5.2 SEN Statistics for Constituency Area**

As of January 2021 there were 613 children living in the constituency with a North Yorkshire funded Education, Health and Care (EHC) plan, 17.3% of the North Yorkshire total. The most common needs for children with a North Yorkshire funded EHC plan living in the area are Autistic Spectrum Disorder (ASD) at 26.9 % and Social, Emotional and Mental Health (SEMH) at 25.8%, and Moderate Learning Disabilities (MLD) at 17.6%.

As of January 2021 school census there were 1490 children recorded as SEN Support from schools in this constituency, 16.0% of the North Yorkshire total. The most common needs for children receiving SEN support in the area are Speech, Language and Communication at 22.6% and Specific Learning Difficulties (e.g. Dyslexia) at 20.9%.

## **6.0 Elective Home Education**

As of 31st August 2021 there were 904 children recorded as Electively Home Educated (EHE) in North Yorkshire, 163 of which were formerly from a mainstream school in Scarborough and Whitby ACC. At the same point last year, there were 688 children EHE in North Yorkshire, 104 formerly from a mainstream school in Scarborough and Whitby ACC. This represents a 31% increase in North Yorkshire and a 57% increase in Scarborough and Whitby ACC.

Between 1st Sept 2020 to 31st August 2021, 483 children became EHE in North Yorkshire, 101 of which were formerly educated in a mainstream school in

Scarborough and Whitby ACC. This figure was 46 from Scarborough and Whitby of 294 becoming EHE in North Yorkshire, in the same period last year.

## 7.0 School Finance

### 7.1 Schools in Financial Difficulty – the countywide position

As of March 2021 the overall position for North Yorkshire Schools was:

- 22 schools with accumulated deficits totalling £7.5M
- This was an increase of £0.4M from 2019/20 (after adjusting for school closures, amalgamations and academy conversions in 2020/21)
- Deficits range from £1k (special school) up to £1.6M (special school)
- The average primary school deficit is £57k
- The average secondary school deficit is £596k
- 3 schools out of the 22 have since converted to Academy status or closed since 31<sup>st</sup> March 2021
- Of the 19 schools remaining, 9 schools are predicting that their position will deteriorate, 8 are projected to improve their financial position and 2 are projected to return to a surplus position as at 31<sup>st</sup> March 2022

### 7.2 School Projections - Based on May 2021/22 Start budgets

- 143 LA maintained schools (67%) are projecting an in-year deficit in 2021/22
- 6 schools are projected to move from a surplus balance to a deficit balance by March 2022
- 12% (26 schools) are forecast to be in deficit at 31<sup>st</sup> March 2022, this is projected to rise to just under one in five by March 23 and just under two out of five by March 24.

	2018/19 (Actual)	2019/20 (Actual)	2020/21 (Actual)	2021/22 (Forecast)	2022/23 (Forecast)	2023/24 (Forecast)
<b>Number of Schools in Deficit</b>	47	37	22	26	40	79
<b>Value of Deficit</b>	£6.0M	£7.2M	£7.5M	£8.5M	£9.4M	12.8M
<b>Proportion of schools in deficit</b>	18%	15%	10%	12%	19%	37%

### 7.3 Funding

- Concern around overall quantum of funding given cost pressures (e.g. future pay awards, the longer term impact of the Covid pandemic in terms of additional expenditure requirements and potential income losses).
- North Yorkshire secondary schools are placed 138 out of 150 local authorities in terms of funding. On average, a school in North Yorkshire will receive £5,570 per pupil in 2021-22 compared to a national average of £5,935. Comparing the funding for a 1,500 pupil secondary school this equates to a difference in funding of £0.5m.



- North Yorkshire primary schools are placed 35 out of 150 local authorities in terms of funding. For primary schools, a North Yorkshire school will receive on average £4,715 per pupil compared to a national average of £4,611.
- Concern over the impact of continued high needs financial pressures on school budgets.
- North Yorkshire has a number of schools that, geographically, are vital in serving their local communities. Inadequate sparsity funding and general financial pressures for smaller, rural secondary schools, continues to be a significant concern. DfE proposed changes to increase sparsity funding will come into effect for 2022/23 school funding, however the maximum sparsity funding increase for a small secondary school is £10k. NYCC continues to lobby the DfE and local MPs for higher levels of funding for the small, rural secondary schools within the LA.

#### 7.4 Schools in Financial Difficulty – Scarborough and Whitby

2021/22	2023/24
4 schools projecting to be in deficit by March 2022; 14% of schools in Scarborough and Whitby.	14 schools projecting to be in deficit by March 2024; 50% of schools in Scarborough and Whitby.
1 nursery; 1 primary; 1 secondary; 1 special.	1 nursery; 9 primaries; 2 secondaries, 2 specials.
Total projected value of deficits = £751k	Total projected value of deficits = £1.3M
Projected average nursery deficit = £81k Projected average primary deficit = £15k Projected average secondary deficit = £536k Projected average special deficit = £119k	Projected nursery deficit = £134k Projected average primary deficit = £25k Projected average secondary deficit = £81k Projected average special deficit = £384k

### 8.0 Planning school places

#### 8.1 School sustainability

The sustainability of schools is largely influenced by three key factors which are usually related to each other:

- Falling pupil rolls
- School standards
- Financial difficulty

Where school closures have regrettably occurred in North Yorkshire these factors have been relevant. There have been six closures in the county over the last three years with one of these occurring in the constituency area.

#### 8.2 Collaborative working

Collaborative working is two or more schools working together to the mutual benefit of their pupils with the overall aim of improving outcomes for all. This has the potential to broaden opportunities and contribute to efficiencies. There are now four

federations in the Scarborough and Whitby area. In each of these federations there are two maintained schools with a single governing body and headteacher. In three cases the pairs of schools are small, rural schools with the same religious character and LA Officers worked with the Diocese of York to support the Governing Bodies of the Schools to come to the federation decision. The third federation is made up of Caedmon College Whitby and Eskdale School, the secondary schools which serve Whitby Town and its rural area. This federation is the result of closer working relationships towards the shared goal of continuing to increase the quality of provision for pupils in the Whitby area.

There are also a number of other arrangements operating across the constituency. Typically, these arrangements feature the shared headship but without the shared governance which would characterise federation. Local Authority officers regularly support discussions between school leaders and governors to consider where collaborative working opportunities are available.

### **8.3 Pupil rolls – current and future**

The County Council has a statutory duty to ensure sufficient school places are available for every child under the Education Act 1996. For this purpose, it groups schools together into planning areas in accordance with the requirements of the Education and Skills Funding Agency. Appendix 1 shows the planning areas together with:

- Capacity in the planning area
- Current numbers on roll
- Projected future numbers
- Projected impact of approved housing developments

8.4 The County Council is carefully monitoring pupil numbers across the constituency area. A large proportion of the constituency is rural and served by small schools located within villages. A falling birth-rate combined with changing demographics means that a number of small schools are facing financial challenges associated with low numbers on roll. In some areas larger schools also face financial difficulty as they experience lower numbers than they are historically structured to accommodate. This is particularly the case where numbers on roll are above a round form of entry e.g. 1 or 2 forms of entry (30 or 60 pupils), but are not high enough to easily afford the structure for the next form of entry.

8.5 Larger Villages with proposed or committed housing developments – There a number of villages where housing allocations have been made within the Scarborough Local Plan including East and West Ayton, Seamer and Burniston. The schools that serve these areas East Ayton Community Primary School, Seamer & Irton Community Primary School and Lindhead School respectively are operating near to capacity. Where possible within planning regulations, developer contributions have been sought to provide additional school places should the need arise.

8.6 Scarborough North and Central Primary areas - The North and Central areas cover all of the schools located within the urban area of Scarborough Town. These two

areas have conflicting pressures with the schools in the North area having high numbers on roll at present and significant housing developments with planning permission, plus others allocated in the Local Plan going forward. The strategy to provide these places within the North has been to seek a site as part of the largest housing allocation and to provide a new school, should it be required, through developer contributions. Whereas in the Central Area the falling birth rate in the district has caused a fall in pupil numbers which is beginning to cause financial pressure in some of the schools which have previously operated at higher numbers on roll. This issue has been being monitored by the Local Authority for some years. Local Authority officers held a meeting with local primary Headteachers earlier this year and discussed the issues arising from this dichotomy. One of the key concerns has been that providing additional places to meet new demand for places in the North of Scarborough too early could further destabilise schools in central Scarborough. As present no site has been secured to deliver a further school in the North of Scarborough should it be required, however the Local Authority has secured S106 contributions towards this provision and will continue to do so where possible.

8.7 Scarborough South Area (Eastfield and Cayton) – The Scarborough South Area is the main area of proposed housing growth for Scarborough Borough Council (SBC). Significant housing developments are underway at Middle Deepdale (Eastfield) and sites are allocated in the Local Plan for North of Middle Deepdale and also in the ‘South Cayton Strategic Area’. The latter two developments are not included in the figures appended as they do not yet have planning permission but are projected to require significant educational provision. Some of this need could be met at local schools but there is likely to be a need for additional schools within the area. The LA is working with SBC to ensure that, where appropriate, developer contributions are secured.

8.8 Overdale C.P. School

For the developments that are on site with planning permission to the North of Eastfield the LA was not able to secure S106 contributions due to existing capacity in the school system at that point. However, the developers of these sites and SBC were keen to provide funding towards a new school site appropriately located to link the existing and new housing developments within Eastfield. To this end the LA have been working with local stakeholders to relocate Overdale Community Primary School to a new site with enough capacity to accommodate the pupils from the current areas with planning permission at Middle Deepdale. This project started on site in June 2020 and the new site was successfully opened in September 2021. Unfortunately due to the challenges associated with the pandemic there has not yet been a formal opening ceremony for the school. The school are hoping to organise a celebration in the new year. This newly expanded school will accommodate the emerging demand from the housing developments within the school’s catchment area. The Local Authority is in discussion with both SBC and developers about any provision required to meet additional demand in the longer term.

8.9 Scarborough Secondary Area – The appended figures illustrate that across the Scarborough Secondary Planning Area there is forecast to be a relatively significant

surplus of places by 2024/25. However, beyond this the surplus will be reduced if the allocated housing sites in the Local Plan achieve planning permission and are built out. Further projections of this scenario indicate that additional secondary accommodation may need to be provided at George Pindar School to meet the developments within their catchment area. Although it should be noted that there is a current surplus at the school and this is projected to continue unless a large proportion of the proposed housing comes forward. During 2019/2020 academic year the Hope Learning Trust who are the Multi Academy Trust which operate Graham School and George Pindar School consulted upon a reduction of their Planned Admission Number which would have the effect of reducing the Net Capacity of both schools from September 2021. The proposed level of reduction was lowered following concerns raised by LA Officers around ensuring that sufficient capacity was retained across the system, and agreement was also reached to hold annual reviews of sufficiency of places across the area.

8.10 Whitby Town Area – As demonstrated in the appended figures, there is significant surplus capacity within both the Primary and Secondary sector. The reorganisation of the secondary schools into a federation of two 11-16 institutions located on separate sites, with a shared Sixth Form Unit located on a third site has been implemented. In April 2021, following consultation, the Local Authority closed St Hilda’s Roman Catholic Primary School in Whitby. This has resulted in small reduction in the Primary capacity within Whitby but, as shown below, there is still a significant surplus across the planning area.

8.11 Rural Primary Schools- The rural areas of the constituency are characterised by small primary schools serving villages as well as, in some cases, very extensive sparsely populated catchment areas. The geography combined with low pupil numbers lead to financial and organisational challenges for some schools. Across the constituency area the schools have worked innovatively to mitigate these challenges including forming local federations and Multi-Academy Trusts. The fluctuation of pupil numbers exacerbates the already challenging nature of school funding for smaller schools.

## 9.0 Recommendation

<p>9.1 That Members note the report on educational factors in the Scarborough and Whitby constituency area.</p>
---

Authors: Amanda Newbold (Assistant Director – Education and Skills), Howard Emmett (Assistant Director – Strategic Resources), Jane Le-Sage (Assistant Director – Inclusion), Andrew Dixon (Strategic Planning Manager)

Appendix 1 - School Place Planning data

## APPENDIX 1

### Planning Areas and forecast surplus/shortfall school places

<b>PRIMARY</b>							
<b>School planning area</b>	<b>Places available as at 2020/2021</b>	<b>Number on Roll 2016/2017</b>	<b>Number on roll 2020/2021</b>	<b>Surplus Capacity 2020/2021</b>	<b>Forecast pupils as at 2025/2026</b>	<b>Pupils from current housing permissions until 2025/2026</b>	<b>Surplus capacity 2025/26</b>
<b>Scarborough Central Primary Area</b> Barrowcliff Primary Gladstone Road Primary Friarage CP St Martin's CE CA Primary Thomas Hinderwell Academy Primary Wheatcroft CP	2371	2234	1996	375	1741	90	540
<b>Scarborough Primary North</b> Newby & Scalby Primary Northstead CP St Peter's RC Primary	1257	1248	1265	-8	1186	124	-53
<b>Scarborough Primary Outer Area</b> Brompton & Sawdon CP East Ayton CP Hackness CE VC Primary Lindhead School Seamer & Irton CP Snainton CE Primary Wykeham CE Primary	1106	1054	1055	51	975	74	57
<b>Scarborough Primary South</b> Cayton CP Braeburn Primary & Nursery Overdale CP St George's RC Primary	1114	828	854	260	815	260	39
	<b>5848</b>	<b>5364</b>	<b>5170</b>	<b>678</b>	<b>4717</b>	<b>548</b>	<b>583</b>

School planning area	Places available as at 2020/2021	Number on Roll 2016/2017	Number on roll 2020/2021	Surplus Capacity 2020/2021	Forecast pupils as at 2025/2026	Pupils from current housing permissions until 2025/2026	Surplus capacity 2025/26
<b>Whitby Primary Outer Area</b> Castleton CP Danby CE Egton CE VA Fylingdales CE Glaisdale Primary Goathland Primary Hawsker cum Stainsacre CE VC Lealholm Primary Lythe CE VC Primary Oakridge CP Sleights CE St Hedda's RC Primary Staithes, Seton CP	948	666	634	314	560	12	376
<b>Whitby Primary Area</b> Ruswarp CE Primary West Cliff Primary Whitby, Airy Hill Primary Whitby, East Whitby Primary Stakesby CP	1050	881	782	268	722	104	224
	<b>1998</b>	<b>1547</b>	<b>1416</b>	<b>582</b>	<b>1282</b>	<b>116</b>	<b>600</b>

## SECONDARY

<b>Scarborough Secondary</b> George Pindar School Graham School Scalby School St Augustine's RC School Scarborough UTC	4549	3381	3403	1146	3402	278	869
<b>Whitby Secondary</b> Caedmon College Whitby Eskdale School	2019	1315	1250	769	1202	60	757

### Note

- Figures above take into account outstanding housing permissions, but not undetermined planning applications or draft Local Plan proposals.

**North Yorkshire County Council  
Scarborough & Whitby Constituency Committee – 3 December 2021  
Whitby Swing Bridge - update**

**1.0 Purpose of the Report**

- 1.1 To update members on maintenance issues regarding Whitby Swing Bridge.

**2.0 History of the Bridge Maintenance**

- 2.1 The Swing Bridge was built in 1909 mechanised in 1983 and from that time the revenue costs of maintenance and operation were shared between Scarborough Borough Council (SBC) and North Yorkshire County Council (NYCC) until the 1 February 2012.
- 2.2 An agreement between NYCC and SBC in 2012 placed the responsibility for the bridge maintenance with NYCC and responsibility for the staffing and operating of the bridge was with SBC. It was agreed that the daily maintenance of oiling, greasing and cleaning would be the responsibility of SBC.
- 2.3 NYCC at the time of signing the agreement invested £82,752 bringing the bridge operating system to a maintainable state and contracted with Fairfield Engineering to manage the maintenance and repair of the Bridge Systems and Hydraulics on an annual basis. Within the first three years of the new agreement the County Council had invested a total of £515,230 on improvements to the bridge.

**3.0 Our Long Term Plan for the Bridge**

- 3.1 Since NYCC became responsible for the maintenance of the bridge we have up rated the systems that operate the bridge and introduced remote monitoring of the systems that drive the bridge. Regular training has been provided for the SBC operators of the bridge to ensure the correct operation of the bridge and we have introduced regular servicing of the drive systems on the bridge, an annual service and an interim six monthly service which checks the various important service items.
- 3.2 We have improved the location of the sensors which operate the bridge over the past ten years and lifted those we could above the normal flood levels which has improved resilience and has coped with everything but an extreme tide which needed several sensors changing. In order to minimise delays for parts replacement we have a stock of items stored on the quay side so that spares are available for the engineers to fit. The bridge is still affected by extremely hot weather which we are currently investigating with a possible solution which avoids cutting off the ends of the bridge it give greater room of expansion of the two bridge leafs (the deck) which in extreme heat conditions bear on the road on to the bridge and prevent it operating.
- 3.3 Failures of the bridge operation have been reduced from twenty plus per year to approximately four per year since the arrangements set out in section 2.2 came into effect in 2012. However, it is likely that some of these closures have involved extremely high temperatures which prevented the bridge opening as described earlier.

- 3.4 The County Council is responsible for four mechanical bridges, including the bridge at Whitby. The Whitby Swing Bridge operates every day on two tides which is significantly more than any of the other three mechanical bridges we also maintain. In July the Bridge Manager attended a breakdown which was due to the failure of a limit switch on the East leaf of the bridge which indicated falsely that the leaf was closed and when the West leaf was closed it jammed at the centre of the bridge which left an open gap. After consulting the contractor, Fairfield we unjammed the bridge and manually closed the East leaf and that allowed the West leaf to close then the engineer arrived on site and replaced the faulty limit switch and bridge was tested and put back into use. The bridge was operational and checked within an hour of the arrival of the engineer. There was unfortunately disruption for the users for three hours while we unblocked the bridge leaves which had jammed. Fairfield's are currently looking into additional measures to ensure there is a secondary sensor or another way to ensure the bridge cannot be operated in this circumstance. There are numerous options and they are being evaluated before being implemented.
- 3.5 Failures of this type cannot be predicted as the limit switches are checked during the services which are carried out twice a year. The electronic sensors that we have introduced on the bridge can be remotely checked and if they are not operating correctly they can be swapped easily for a new one.
- 3.6 It should be remembered that this bridge operates in a very harsh environment and is open to the elements and the tidal river which is why we instigated the new maintenance regime of the annual service which covers the whole of the bridge and the six monthly service which checks the operating systems and fluid levels.

#### **4.0 longer term issues**

- 4.1 The bridge will need painting in ten years' time and the motors that drive the bridge leaves and the hydraulics will need overhauling in the next twenty years. Various sensors will have to be upgraded as they will become obsolete and unavailable but the market will have moved on and suitable replacements will be available.
- 4.2 The bridge structure with the current weight restriction will need work in the future to repair areas of corrosion in non-structural locations on the bridge but the main structure should be good for another 75 years. The current bridge is positioned in the best location for the shortest span across the river and it was built on the site of a fixed span footbridge on the downstream side of the current bridge. A new bridge in the current location would require a footbridge to be provided which was capable of opening to river traffic otherwise the removal of the existing bridge would lock the port and marina upstream of the swing bridge for a number of months. A new bridge for traffic in another location would be of a longer span and be more expensive.
- 4.3 On the morning of the 1 October 2021 an inspection by Fairfield's engineers and the Bridge Manager from NYCC into the operation of the East Leaf was carried out and it was found to be working properly in all respects and no repairs were necessary. Since carrying out this inspection we have called Fairfield's Engineers back to the site and they have checked the bridge staying in Whitby over night to carry out more test swings the next morning and the bridge performed correctly.
- 4.4 Appendix A details the call outs for issues which prevented the bridge operating for the last two years.



## **5.0 In Conclusion**

- 5.1 The strategic importance of the swing bridge to Whitby is clear and this paper sets out the work that has been done to improve the resilience of the structure and to minimise the number of breakdowns and the length of time that there is disruption when it does unfortunately breakdown. However, like any complex mechanical system this bridge can fail in service and we have put arrangements in place that allows us to identify the failure quickly and resolve the matter as efficiently as possible. The bridge has many years of life left in it and the maintenance regime we have put in place ensures that the performance of the bridge is in our opinion good for a bridge operating in a difficult location open to a highly corrosive atmosphere and flooding and is in fact better than that of some of our other mechanical bridges which do not operate with the same intensity as this bridge does because of its importance to the economy of Whitby and the Port.


## **6.0 Recommendation**

- 6.1 The contents of the report are noted.

Author: John Smith  
Highways and Transportation  
Business and Environmental Services  
North Yorkshire County Council  
05 November 2021

Schedule of maintenance as below since August last year.

Completion Date	Title
20/10/2021	Investigation into bridge getting stuck
18/10/2021	Investigation
26/08/2021	3 month service
10/08/2021	Steel walkway repairs
16/07/2021	Breakdown
07/05/2021	6 month service
08/03/2021	Redecking due to hanger failure
26/02/2021	3 month service
24/12/2020	West side - handrail repair
26/11/2020	6 month maintenance
28/08/2020	3 month service

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 1 of 17

**Electrical & Mechanical Service  
for  
Whitby Swing Bridge Service Visit**

<b>Customer:</b>	North Yorkshire County Council		
<b>Contact Details:</b>	Phillip Richardson	<b>Position:</b>	Bridge Team <b>Tel No.</b> 07812 088745

<b>Location of Works:</b>	Whitby Swing Bridge, Bridge Street Whitby, YO22 4BG		
<b>Start Date:</b>			
<b>Duration:</b>	Service Visits (Quarterly, 6 Monthly, Annually)		


Revision	Date	Commercial Ref	Description of Amendment
A01	16/11/2021	NYCC4403	First Issue

<b>Description of Works:</b>
Fairfield Control Systems Ltd (FCS) will: <ul style="list-style-type: none"> <li>• Routine Service Visits as per contract</li> <li>• Francis Corner to carry out Mechanical service works.</li> <li>• Harker Hydraulics to carry out Hydraulic service works.</li> </ul>

The works carried out in accordance with the service contract schedule. (electrical)	
<b>Signed:</b>	<i>S.M.Hornsey</i>
<b>Position Held</b>	Service Engineer
<b>For and On Behalf Of:</b>	Fairfield Control Systems Ltd
<b>Date:</b>	

The works carried out in accordance with the service contract schedule. (mechanical)	
<b>Signed:</b>	
<b>Position Held</b>	
<b>For and On Behalf Of:</b>	Corner Engineering
<b>Date:</b>	

The works carried out in accordance with the service contract schedule. (hydraulic)	
<b>Signed:</b>	
<b>Position Held</b>	
<b>For and On Behalf Of:</b>	Harker Hydraulics
<b>Date:</b>	

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 2 of 17

## 1. Electrical Inspection


Inspect the East & West Control Panels as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS	
West Leaf - Panel Inspection	Control Panel (exterior)	Push Buttons	Secure	Ok		
			Functional	Ok		
		Pilot Lights	Secure	Ok		
			Functional	Ok		
			Lamp Test	Ok		
		Key Switches	Secure	Ok		
			Functional	Ok		
		Enclosure	Secure	Ok		
			Clean	Ok		
		Control Panel (interior)	MCBs	Condition	Ok	
	Secure			Ok		
	Functional			Ok		
	Fuses		Condition	Ok		
			Secure	Ok		
			Functional	Ok		
	Relays		Condition	Ok		
			Secure	Ok		
			Functional	Ok		
	Terminations		Secure	Ok		
	Panel Heater		Secure	Ok		
			Functional	Ok		
	PLC		Healthy	Ok		
			Secure	Ok		
			Backed Up	Ok		
			Backup Battery	Ok		
	HMI		Healthy	Ok		
			Secure	Ok		
			Backed Up	Ok		
Remote Dial in	Functional					

### INSPECTION NOTES & RECOMMENDATIONS

PSU1 Voltages:  
In - 236.1VAC  
Out - 24.80VDC


PSU2 Voltages:  
In - 236.8VAC  
Out - 24.70VDC

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 3 of 17

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
East Leaf - Panel Inspection	Control Panel (exterior)	Push Buttons	Secure	Ok	
			Functional	Ok	
		Pilot Lights	Secure	Ok	
			Functional	Ok	
			Lamp Test	Ok	
		Key Switches	Secure	Ok	
			Functional	Ok	
		Enclosure	Secure	Ok	
			Clean	Ok	
		Control Panel (interior)	MCBs	Condition	Ok
	Secure			Ok	
	Functional			Ok	
	Fuses		Condition	Ok	
			Secure	Ok	
			Functional	Ok	
	Relays		Condition	Ok	
			Secure	Ok	
			Functional	Ok	
	Terminations		Secure	Ok	
	Panel Heater		Secure	Ok	
			Functional	Ok	
	PLC		Healthy	Ok	
			Secure	Ok	
			Backed Up	Ok	
			Backup Battery	Ok	
	HMI		Healthy	Ok	
			Secure	Ok	
			Backed Up	Ok	
	Remote Dial in		Functional		

#### INSPECTION NOTES & RECOMMENDATIONS


PSU Voltages:  
 In – 238.8VAC  
 Out – 24.14VDC

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 4 of 17

## 2. Support & Locking Systems

Inspect the East & West Support & Locking Systems as per checks below:

ITEM	LOCATION		DETAIL	WKG	FTY	COMMENTS	
West Leaf - Support & Locking System	Tail End Junction Box	Enclosure	Secure	Ok			
			Clean	Ok			
		Terminations	Secure	Ok			
	North West Jack/Wedge Assembly (seaside)	Jack Down Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		Jack Up Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		Wedge in Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		Wedge Out Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		South West Jack/Wedge Assembly (land side)	Jack Down Proximity Switch	Secure	Ok		
				Adjustment	Ok		
				Clean	Ok		
				Functional	Ok		
			Jack Up Proximity Switch	Secure	Ok		
				Adjustment	Ok		
				Clean	Ok		
				Functional	Ok		
	Wedge in Proximity Switch		Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
	Wedge Out Proximity Switch		Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
	Tail Pin Assembly	Tail Pin-in Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		Tail Pin-Out Proximity Switch	Secure	Ok			
Adjustment			Ok				
Clean			Ok				
Functional			Ok				
			Secure	Ok			

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 5 of 17


	Nose Bolt Assembly	North West Nose Pin Assembly (seaside)	Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		South West Nose Pin Assembly (land side)	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
				Functional	Ok		

<b>INSPECTION NOTES &amp; RECOMMENDATIONS</b>




ITEM	LOCATION		DETAIL	WKG	FTY	COMMENTS
East Leaf - Support & Locking System	Tail End Junction Box	Enclosure	Secure	Ok		
			Clean	Ok		
		Terminations	Secure	Ok		
	North East Jack/Wedge Assembly (seaside)	Jack Down Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Jack Up Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Wedge in Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Wedge Out Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
	North West Jack/Wedge Assembly (land side)	Jack Down Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Jack Up Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Wedge in Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Wedge Out Proximity Switch	Secure	Ok		
Adjustment			Ok			
Clean			Ok			
Functional			Ok			
Tail Pin Assembly	Tail Pin-in Proximity Switch	Secure	Ok			
		Adjustment	Ok			
		Clean	Ok			
		Functional	Ok			
	Tail Pin-Out Proximity Switch	Secure	Ok			
		Adjustment	Ok			
		Clean	Ok			
		Functional	Ok			



	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 7 of 17

**INSPECTION NOTES & RECOMMENDATIONS**

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 8 of 17


### 3. Positional Sensors

Inspect the East & West Position Sensors Systems as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
West Leaf – Positional Sensors	Centre Pier	Enclosure	Secure	Ok	
			Clean	Ok	
		Terminations	Secure	Ok	
			Adjustment	Ok	
		Bridge Close Slow Down Proximity Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Closed Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Open Slow Down Proximity Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Closed Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Overtravel Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Slew Count Proximity Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	


#### INSPECTION NOTES & RECOMMENDATIONS

--

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 9 of 17

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
East Leaf – Positional Sensors	Centre Pier	Enclosure	Secure	Ok	
			Clean	Ok	
		Terminations	Secure	Ok	
			Bridge Close Slow Down Proximity Switch	Secure	Ok
		Adjustment		Ok	
		Clean		Ok	
		Functional		Ok	
		Bridge Closed Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Open Slow Down Proximity Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Closed Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Overtravel Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Slew Count Proximity Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	

INSPECTION NOTES & RECOMMENDATIONS

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 10 of 17


#### 4. Backup Generators

Inspect the East & West Generators as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
West Leaf – Generator	Enclosure	Secure	Ok		
		Clean	Ok		
	Terminations	Secure	Ok		
	Generator	Leaks	Ok		
		Overheating	Ok		
		Filters	Ok		
		Fuel Level	Ok		
		Functional	Ok		
	Batteries	Ok			

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
East Leaf – Generator	Enclosure	Secure	Ok		
		Clean	Ok		
	Terminations	Secure	Ok		
	Generator	Leaks	Ok		
		Overheating	Ok		
		Filters	Ok		
		Fuel Level	Ok		
		Functional	Ok		
	Batteries	Ok			

INSPECTION NOTES & RECOMMENDATIONS

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 11 of 17


## 5. Hydraulic Power Packs

Inspect the East & West Hydraulic Power Packs as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
West Leaf – HPU	West Plant Room	Enclosure	Secure	Ok	
			Clean	Ok	
		Terminations	Secure	Ok	
		Solenoid Valves	Secure	Ok	
			Connections	Ok	
		Level Switches	Secure	Ok	
			Connections	Ok	
		Thermostat & Oil Heater	Secure	Ok	
			Operational	Ok	

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
East Leaf – HPU	East Plant Room	Enclosure	Secure	Ok	
			Clean	Ok	
		Terminations	Secure	Ok	
		Solenoid Valves	Secure	Ok	
			Connections	Ok	
		Level Switches	Secure	Ok	
			Connections	Ok	
		Thermostat & Oil Heater	Secure	Ok	
			Operational	Ok	


INSPECTION NOTES & RECOMMENDATIONS
<p>East Leaf oil leak, filter loose. Tightened and retested. Ok.</p> <p>Mechanical inspections conducted by Francis Corner Engineering and Harker Hydraulic</p>

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 12 of 17


## 6. Mechanical Inspections

Mechanically inspect East & West as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
West Leaf – Mechanical Inspections	Under Bridge	Tail Pin	Secure	Ok	
			Clean	Ok	
			Greased	Ok	
			Functional	Ok	
			Leaks	Ok	
		North West Jack	Secure	Ok	
			Clean	Ok	
			Greased	Ok	
			Functional	Ok	
			Leaks	Ok	
		North West Wedge	Secure	Ok	
			Clean	Ok	
			Greased	Ok	
			Functional	Ok	
			Leaks	Ok	
		South West Jack	Secure	Ok	
			Clean	Ok	
			Greased	Ok	
			Functional	Ok	
			Leaks	Ok	
	South West Wedge	Secure	Ok		
		Clean	Ok		
		Greased	Ok		
		Functional	Ok		
		Leaks	Ok		
	West Pier	Rotation Gearbox	Secure	Ok	
			Oil Level	Ok	
		Ring Gear	Tight	Ok	
			Clean	Ok	
			Free of Debris	Ok	
			Greased	Ok	
		Rotation Wheels (inner & outer)	Secure	Ok	
			Rotate Freely	Ok	
			Greased	Ok	
			Free of Debris	Ok	
			Drain Channels	Ok	
		Fixings	Secure	Ok	
		Buffer	Secure	Ok	
			Functional	Ok	
			Free of Debris	Ok	
Pintle Bearings		Secure	Ok		
		Clean	Ok		
		Greased	Ok		
		Condition	Ok		


	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 13 of 17

	Bridge Structure	Fixings	Condition	Ok		
			Cracks	Ok		
			Lose Bolts	Ok		
	Bridge Deck	Stonework	Clamping Bands Secure	Ok		
				North West Nose Bolts	Secure	Ok
		Clean	Ok			
		Greased	Ok			
		Functional	Ok			
		Leaks	Ok			
		North West Nose Bolts	Secure	Ok		
			Clean	Ok		
			Greased	Ok		
			Functional	Ok		
			Leaks	Ok		
		Access Gates	Secure	Ok		
			Functional	Ok		

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 14 of 17

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
East Leaf – Mechanical Inspections	Under Bridge	Tail Pin	Secure	Ok	
			Clean	Ok	
			Greased	Ok	
			Functional	Ok	
			Leaks	Ok	
		North East Jack	Secure	Ok	
			Clean	Ok	
			Greased	Ok	
			Functional	Ok	
			Leaks	Ok	
		North East Wedge	Secure	Ok	
			Clean	Ok	
			Greased	Ok	
			Functional	Ok	
			Leaks	Ok	
		South East Jack	Secure	Ok	
			Clean	Ok	
			Greased	Ok	
			Functional	Ok	
			Leaks	Ok	
	South East Wedge	Secure	Ok		
		Clean	Ok		
		Greased	Ok		
		Functional	Ok		
		Leaks	Ok		
	East Pier	Rotation Gearbox	Secure	Ok	
			Oil Level	Ok	
		Ring Gear	Tight	Ok	
			Clean	Ok	
			Free of Debris	Ok	
			Greased	Ok	
		Rotation Wheels (inner & outer)	Secure	Ok	
			Rotate Freely	Ok	
			Greased	Ok	
			Free of Debris	Ok	
		Drain Channels	Secure	Ok	
			Condition	Ok	
		Fixings	Secure	Ok	
		Buffer	Secure	Ok	
			Functional	Ok	
Free of Debris			Ok		
Pintle Bearings		Secure	Ok		
		Clean	Ok		
		Greased	Ok		
		Condition	Ok		
Bridge Structure	Fixings	Condition	Ok		
		Cracks	Ok		
		Lose Bolts	Ok		
	Stonework	Clamping Bands Secure	Ok		




	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 15 of 17

		Access Gates	Secure	Ok		
			Functional	Ok		

#### INSPECTION NOTES & RECOMMENDATIONS

Mechanical inspections conducted by Francis Corner Engineering and Harker Hydraulic

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 16 of 17


## 7. Hydraulic Inspections

Hydraulically inspect East & West as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS	
West Leaf – Hydraulic Inspections	Under Bridge	HPU	Oil Level (top up if required)	Ok		
			Oil Temp (min 10DegC)	Ok		
		Pressure Line Filters	Secure	Ok		
			Clean (change if necessary)	Ok		
			Pressure Level	Ok		
			Replace Filter (12m only)	N/A		
		Return Line Filters	Secure	Ok		
			Clean (change if necessary)	Ok		
			Pressure Level	Ok		
			Replace Filters (12m only)	N/A		
		Vibrations	Non excessive	Ok		
		Noise Levels	Non excessive	Ok		
		Solid Pipe Works	Secure	Ok		
			Tight	Ok		
			No Leaks	Ok		
		Flexible Hoses	Secure	Ok		
			Tight	Ok		
			No Leaks	Ok		
			Functional	Ok		
		Oil Sample	Oil Sample Required (12m only)	N/A		<b>Max Dirt ISO DIS 4406 18/14 Water Content: -0.01%max</b>


### INSPECTION NOTES & RECOMMENDATIONS

Mechanical inspections conducted by Francis Corner Engineering and Harker Hydraulic

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	05/05/2021
	QWHISB-11-01	Page 17 of 17

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS		
East Leaf – Hydraulic Inspections	Under Bridge	HPU	Oil Level (top up if required)	Ok			
			Oil Temp (min 10DegC)	Ok			
		Pressure Line Filters	Secure	Ok			
			Clean (change if necessary)	Ok			
			Pressure Level	Ok			
			Replace Filter (12m only)	N/A			
		Return Line Filters	Secure	Ok			
			Clean (change if necessary)	Ok			
			Pressure Level	Ok			
			Replace Filters (12m only)	N/A			
		Vibrations	Non excessive	Ok			
		Noise Levels	Non excessive	Ok			
		Solid Pipe Works	Secure	Ok			
			Tight	Ok			
			No Leaks	Ok			
		Flexible Hoses	Secure	Ok			
			Tight	Ok			
			No Leaks	Ok			
			Functional	Ok			
		Oil Sample	Oil Sample Required (12m only)	N/A			<b>Max Dirt ISO DIS 4406 18/14 Water Content: -0.01%max</b>

INSPECTION NOTES & RECOMMENDATIONS
Mechanical inspections conducted by Francis Corner Engineering and Harker Hydraulic

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 1 of 17

## Electrical & Mechanical Service for Whitby Swing Bridge Service Visit

<b>Customer:</b>	North Yorkshire County Council		
<b>Contact Details:</b>	Phillip Richardson	<b>Position:</b>	Bridge Team <b>Tel No.</b> 07812 088745

<b>Location of Works:</b>	Whitby Swing Bridge, Bridge Street Whitby, YO22 4BG
<b>Start Date:</b>	
<b>Duration:</b>	Service Visits (Quarterly, 6 Monthly, Annually)


Revision	Date	Commercial Ref	Description of Amendment
A01	16/11/2021	NYCC4403	First Issue

<b>Description of Works:</b>
Fairfield Control Systems Ltd (FCS) will: <ul style="list-style-type: none"> <li>• Routine Service Visits as per contract</li> <li>• Francis Corner to carry out Mechanical service works.</li> <li>• Harker Hydraulics to carry out Hydraulic service works.</li> </ul>

The works carried out in accordance with the service contract schedule. (electrical)	
<b>Signed:</b>	<i>S.M.Hornsey</i>
<b>Position Held</b>	Service Engineer
<b>For and On Behalf Of:</b>	Fairfield Control Systems Ltd
<b>Date:</b>	26/08/2021

The works carried out in accordance with the service contract schedule. (mechanical)	
<b>Signed:</b>	<i>F Corner</i>
<b>Position Held</b>	Mechanical Engineer
<b>For and On Behalf Of:</b>	Corner Engineering
<b>Date:</b>	26/08/2021

The works carried out in accordance with the service contract schedule. (hydraulic)	
<b>Signed:</b>	<i>J Harker</i>
<b>Position Held</b>	Hydraulic Engineer
<b>For and On Behalf Of:</b>	Harker Hydraulics
<b>Date:</b>	26/08/2021

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 2 of 17

## 1. Electrical Inspection


Inspect the East & West Control Panels as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS	
West Leaf - Panel Inspection	Control Panel (exterior)	Push Buttons	Secure	Ok		
			Functional	Ok		
		Pilot Lights	Secure	Ok		
			Functional	Ok		
			Lamp Test	Ok		
		Key Switches	Secure	Ok		
			Functional	Ok		
		Enclosure	Secure	Ok		
			Clean	Ok		
		Control Panel (interior)	MCBs	Condition	Ok	
	Secure			Ok		
	Functional			Ok		
	Fuses		Condition	Ok		
			Secure	Ok		
			Functional	Ok		
	Relays		Condition	Ok		
			Secure	Ok		
			Functional	Ok		
	Terminations		Secure	Ok		
	Panel Heater		Secure	Ok		
			Functional	Ok		
	PLC		Healthy	Ok		
			Secure	Ok		
			Backed Up	Ok		
			Backup Battery	Ok		
	HMI		Healthy	Ok		
			Secure	Ok		
Backed Up			Ok			
Remote Dial in	Functional		OK			

### INSPECTION NOTES & RECOMMENDATIONS

PSU1 Voltages:  
In - 236.1VAC  
Out - 24.80VDC


PSU2 Voltages:  
In - 236.8VAC  
Out - 24.70VDC

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 3 of 17

ITEM	LOCATION		DETAIL	WKG	FTY	COMMENTS
East Leaf - Panel Inspection	Control Panel (exterior)	Push Buttons	Secure	Ok		
			Functional	Ok		
		Pilot Lights	Secure	Ok		
			Functional	Ok		
			Lamp Test	Ok		
		Key Switches	Secure	Ok		
			Functional	Ok		
		Enclosure	Secure	Ok		
			Clean	Ok		
		Control Panel (interior)	MCBs	Condition	Ok	
	Secure			Ok		
	Functional			Ok		
	Fuses		Condition	Ok		
			Secure	Ok		
			Functional	Ok		
	Relays		Condition	Ok		
			Secure	Ok		
			Functional	Ok		
	Terminations		Secure	Ok		
	Panel Heater		Secure	Ok		
			Functional	Ok		
	PLC		Healthy	Ok		
			Secure	Ok		
			Backed Up	Ok		
			Backup Battery	Ok		
	HMI		Healthy	Ok		
			Secure	Ok		
			Backed Up	Ok		
	Remote Dial in		Functional			

#### INSPECTION NOTES & RECOMMENDATIONS


PSU Voltages:  
 In – 238.8VAC  
 Out – 24.14VDC

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 4 of 17

## 2. Support & Locking Systems

Inspect the East & West Support & Locking Systems as per checks below:


ITEM	LOCATION		DETAIL	WKG	FTY	COMMENTS	
West Leaf - Support & Locking System	Tail End Junction Box	Enclosure	Secure	Ok			
			Clean	Ok			
		Terminations	Secure	Ok			
	North West Jack/Wedge Assembly (seaside)	Jack Down Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		Jack Up Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		Wedge in Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		Wedge Out Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		South West Jack/Wedge Assembly (land side)	Jack Down Proximity Switch	Secure	Ok		
				Adjustment	Ok		
				Clean	Ok		
				Functional	Ok		
			Jack Up Proximity Switch	Secure	Ok		
				Adjustment	Ok		
				Clean	Ok		
				Functional	Ok		
	Wedge in Proximity Switch		Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
	Wedge Out Proximity Switch		Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
	Tail Pin Assembly	Tail Pin-in Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
			Functional	Ok			
		Tail Pin-Out Proximity Switch	Secure	Ok			
			Adjustment	Ok			
			Clean	Ok			
Functional			Ok				
			Secure	Ok			

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 5 of 17


	Nose Bolt Assembly	North West Nose Pin Assembly (seaside)	Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		South West Nose Pin Assembly (land side)	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		

#### INSPECTION NOTES & RECOMMENDATIONS




	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 6 of 17

ITEM	LOCATION		DETAIL	WKG	FTY	COMMENTS
East Leaf - Support & Locking System	Tail End Junction Box	Enclosure	Secure	Ok		
			Clean	Ok		
		Terminations	Secure	Ok		
	North East Jack/Wedge Assembly (seaside)	Jack Down Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Jack Up Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Wedge in Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Wedge Out Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
	North West Jack/Wedge Assembly (land side)	Jack Down Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Jack Up Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Wedge in Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Wedge Out Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
	Tail Pin Assembly	Tail Pin-in Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Tail Pin-Out Proximity Switch	Secure	Ok		
Adjustment			Ok			
Clean			Ok			
Functional			Ok			

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 7 of 17

**INSPECTION NOTES & RECOMMENDATIONS**

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 8 of 17


### 3. Positional Sensors

Inspect the East & West Position Sensors Systems as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS	
West Leaf – Positional Sensors	Centre Pier	Enclosure	Secure	Ok		
			Clean	Ok		
		Terminations	Secure	Ok		
			Secure	Ok		
		Bridge Close Slow Down Proximity Switch	Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
			Secure	Ok		
		Bridge Closed Limit Switch	Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Bridge Open Slow Down Proximity Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
			Functional	Ok		
		Bridge Closed Limit Switch	Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
		Bridge Overtravel Limit Switch	Functional	Ok		
			Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
		Slew Count Proximity Switch	Functional	Ok		
			Secure	Ok		
			Adjustment	Ok		
			Clean	Ok		
				Functional	Ok	

#### INSPECTION NOTES & RECOMMENDATIONS


--

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 9 of 17

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
East Leaf – Positional Sensors	Centre Pier	Enclosure	Secure	Ok	
			Clean	Ok	
		Terminations	Secure	Ok	
			Bridge Close Slow Down Proximity Switch	Secure	Ok
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Closed Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Open Slow Down Proximity Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Closed Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Bridge Overtravel Limit Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	
		Slew Count Proximity Switch	Secure	Ok	
			Adjustment	Ok	
			Clean	Ok	
			Functional	Ok	

#### Inspection NOTES & RECOMMENDATIONS

--

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 10 of 17


#### 4. Backup Generators

Inspect the East & West Generators as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
West Leaf – Generator	Enclosure	Secure	Ok		
		Clean	Ok		
	Terminations	Secure	Ok		
	Generator	Leaks	Ok		
		Overheating	Ok		
		Filters	Ok		
		Fuel Level	Ok		
		Functional	Ok		
	Batteries	Ok			

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
East Leaf – Generator	Enclosure	Secure	Ok		
		Clean	Ok		
	Terminations	Secure	Ok		
	Generator	Leaks	Ok		
		Overheating	Ok		
		Filters	Ok		
		Fuel Level	Ok		
		Functional	Ok		
	Batteries	Ok			

INSPECTION NOTES & RECOMMENDATIONS

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 11 of 17


## 5. Hydraulic Power Packs

Inspect the East & West Hydraulic Power Packs as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
West Leaf – HPU	West Plant Room	Enclosure	Secure	Ok	
			Clean	Ok	
		Terminations	Secure	Ok	
		Solenoid Valves	Secure	Ok	
			Connections	Ok	
		Level Switches	Secure	Ok	
			Connections	Ok	
		Thermostat & Oil Heater	Secure	Ok	
			Operational	Ok	

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
East Leaf – HPU	East Plant Room	Enclosure	Secure	Ok	
			Clean	Ok	
		Terminations	Secure	Ok	
		Solenoid Valves	Secure	Ok	
			Connections	Ok	
		Level Switches	Secure	Ok	
			Connections	Ok	
		Thermostat & Oil Heater	Secure	Ok	
			Operational	Ok	


INSPECTION NOTES & RECOMMENDATIONS
<p>East Leaf oil leak, filter loose. Tightened and retested. Ok.</p> <p>Mechanical inspections conducted by Francis Corner Engineering and Harker Hydraulic</p>

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 12 of 17

## 6. Mechanical Inspections


Mechanically inspect East & West as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS
West Leaf – Mechanical Inspections	Under Bridge	Tail Pin	Secure	OK	
			Clean	OK	
			Greased	OK	
			Functional	OK	
			Leaks	OK	
		North West Jack	Secure	OK	
			Clean	OK	
			Greased	OK	
			Functional	OK	
			Leaks	OK	
		North West Wedge	Secure	OK	
			Clean	OK	
			Greased	OK	
			Functional	OK	
			Leaks	OK	
		South West Jack	Secure	OK	
			Clean	OK	
			Greased	OK	
			Functional	OK	
			Leaks	OK	
	South West Wedge	Secure	OK		
		Clean	OK		
		Greased	OK		
		Functional	OK		
		Leaks	OK		
	West Pier	Rotation Gearbox	Secure	OK	
			Oil Level	OK	
		Ring Gear	Tight	OK	
			Clean	OK	
			Free of Debris	OK	
			Greased	OK	
		Rotation Wheels (inner & outer)	Secure	OK	
			Rotate Freely	OK	
			Greased	OK	
			Free of Debris	OK	
			Drain Channels	OK	
		Fixings	Secure	OK	
		Buffer	Secure	OK	
			Functional	OK	
			Free of Debris	OK	
Pintle Bearings		Secure	OK		
		Clean	OK		
		Greased	OK		
		Condition	OK		


	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 13 of 17

	Bridge Structure	Fixings	Condition	OK		
			Cracks	OK		
			Lose Bolts	OK		
	Bridge Deck	Stonework	Clamping Bands Secure	OK		
				North West Nose Bolts	Secure	OK
		Clean	OK			
		Greased	OK			
		Functional	OK			
		Leaks	OK			
		North West Nose Bolts	Secure	OK		
			Clean	OK		
			Greased	OK		
			Functional	OK		
			Leaks	OK		
		Access Gates	Secure	OK		
			Functional	OK		



	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 14 of 17


ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS		
East Leaf – Mechanical Inspections	Under Bridge	Tail Pin	Secure	OK			
			Clean	OK			
			Greased	OK			
			Functional	OK			
			Leaks	OK			
		North East Jack	Secure	OK			
			Clean	OK			
			Greased		X		<b>Grease Line Damaged – Replacement Required</b>
			Functional	OK			
			Leaks	OK			
		North East Wedge	Secure	OK			
			Clean	OK			
			Greased	OK			
			Functional	OK			
			Leaks	OK			
		South East Jack	Secure	OK			
			Clean	OK			
			Greased	OK			
			Functional	OK			
			Leaks	OK			
	South East Wedge	Secure	OK				
		Clean	OK				
		Greased	OK				
		Functional	OK				
		Leaks	OK				
	East Pier	Rotation Gearbox	Secure	OK			
			Oil Level	OK			
		Ring Gear	Tight	OK			
			Clean	OK			
			Free of Debris	OK			
			Greased	OK			
		Rotation Wheels (inner & outer)	Secure	OK			
			Rotate Freely	OK			
			Greased	OK			
			Free of Debris	OK			
			Drain Channels	OK			
		Fixings	Secure	OK			
		Buffer	Secure	OK			
			Functional	OK			
			Free of Debris	OK			
		Pintle Bearings	Secure	OK			
			Clean	OK			
			Greased	OK			
			Condition	OK			
		Bridge Structure	Fixings	Condition	OK		
	Cracks			OK			
	Lose Bolts			OK			

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 15 of 17

		Stonework	Clamping Bands Secure	OK		
		Access Gates	Secure	OK		
			Functional	OK		

#### INSPECTION NOTES & RECOMMENDATIONS

Mechanical inspections conducted by Francis Corner Engineering and Harker Hydraulic

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 16 of 17


## 7. Hydraulic Inspections

Hydraulically inspect East & West as per checks below:

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS	
West Leaf – Hydraulic Inspections	Under Bridge	HPU	Oil Level (top up if required)	OK		
			Oil Temp (min 10DegC)	OK		
		Pressure Line Filters	Secure	OK		
			Clean (change if necessary)	OK		
			Pressure Level	OK		
			Replace Filter (12m only)	N/A		
		Return Line Filters	Secure	OK		
			Clean (change if necessary)	OK		
			Pressure Level	OK		
			Replace Filters (12m only)	N/A		
		Vibrations	Non excessive	OK		
		Noise Levels	Non excessive	OK		
		Solid Pipe Works	Secure	OK		
			Tight	OK		
			No Leaks	OK		
		Flexible Hoses	Secure	OK		
			Tight	OK		
			No Leaks	OK		
			Functional	OK		
		Oil Sample	Oil Sample Required (12m only)	N/A		

### INSPECTION NOTES & RECOMMENDATIONS

Mechanical inspections conducted by Francis Corner Engineering and Harker Hydraulic

	Electrical & Mechanical Service	Revision: A01
	Whitby Swing Bridge Service Visit	26/08/2021
	QWHISB-11-01	Page 17 of 17

ITEM	LOCATION	DETAIL	WKG	FTY	COMMENTS		
East Leaf – Hydraulic Inspections	Under Bridge	HPU	Oil Level (top up if required)	OK			
			Oil Temp (min 10DegC)	OK			
		Pressure Line Filters	Secure	OK			
			Clean (change if necessary)	OK			
			Pressure Level	OK			
			Replace Filter (12m only)	N/A			
		Return Line Filters	Secure	OK			
			Clean (change if necessary)	OK			
			Pressure Level	OK			
			Replace Filters (12m only)	N/A			
		Vibrations	Non excessive	OK			
		Noise Levels	Non excessive	OK			
		Solid Pipe Works	Secure	OK			
			Tight	OK			
			No Leaks	OK			
		Flexible Hoses	Secure	OK			
			Tight	OK			
			No Leaks	OK			
			Functional	OK			
		Oil Sample	Oil Sample Required (12m only)	N/A			<b>Max Dirt ISO DIS 4406 18/14 Water Content: -0.01%max</b>

INSPECTION NOTES & RECOMMENDATIONS
Mechanical inspections conducted by Francis Corner Engineering and Harker Hydraulic



**North Yorkshire County Council  
Scarborough & Whitby Area Constituency Committee  
3 December 2021**

**Work Programme for 2021/2022**

**1.0 Purpose of Report**

1.1 The report asks Members to consider the Committee's work programme for the remainder of the 2020/2021 municipal year shown at Annex A, and identify any additional items of business for future meetings.

**2.0 Committee Remit**

2.1 The Area Constituency Committees:

- Act as a forum for Members to bring forward issues affecting their local Electoral Divisions
- Hear and respond to questions and statements from members of the public relating to anything affecting the community within the constituency area
- Agree a Work Programme which lists items of business which the Committee wishes to consider at future meetings
- Undertake meaningful scrutiny of local health issues within their constituency area, complementing the strategic work undertaken by the Scrutiny of Health Committee
- Undertake meaningful scrutiny of local transport issues within their constituency area, complementing the strategic work undertaken by Transport, Economy and Environment Overview and Scrutiny Committee
- Act as consultees in major decisions that affect their constituency area (including responding to consultations)
- Make recommendations on the application of Innovation funding (supported by the Stronger Communities Team)
- Develop a working relationship with the local MP, sharing updates and information on relevant local issues being addressed by the committee.

**3.0 Work Programme**

3.1 The draft work programme for the 2021/2022 municipal year is attached at Annex A for the Committee's consideration.

#### **4.0 Scheduled Committee Dates**

4.1 The remaining meetings dates for this municipal year are shown in Annex A. For the time being these meetings are scheduled to be held remotely via Microsoft TEAMS, but this may be subject to change.

#### **5.0 Recommendation**

5.1 Members are asked to consider, amend and adopt the Committee's work programme for 2021/2022 shown at Annex A.

Melanie Carr  
Principal Democratic Services & Scrutiny Officer  
North Yorkshire County Council  
Tel: (01609) 533849  
Email: [melanie.carr1@northyorks.gov.uk](mailto:melanie.carr1@northyorks.gov.uk)

Annex A – 2021/2022 Work Programme

**Scarborough and Whitby Area Constituency Committee  
Work Programme 2021/22**

**Friday 9 July 2021 at 10.30am - To be held remotely via TEAMS**

<b>Subject</b>	<b>Description</b>
Attendance of MP	Opportunity for the RT Hon Robert Goodwill MP to share his views on main issues of local interest
Attendance of Police Fire & Crime Commissioner	Attendance of new PFCC to provide an overview of his objectives going forward.
Scarborough Hospital Performance Update	A further performance update for Scarborough hospital from Simon Cox (Director of Acute Commissioning, NHS North Yorkshire CCG) and Heather McNair (Chief Nurse, York Teaching Hospital NHS Foundation Trust)
Yorkshire Water Update	Attendance of Dan Macey and Leah Humphries from Yorkshire Water – Update on bathing waters and ongoing work to improve water quality at the coast.
Scarborough & Whitby Citizens Advice Bureau Update	Update in response to Covid from Scarborough & Whitby Citizens Advice Bureau
Appointments to Local Bodies	An extension of the appointments to Local Bodies in the Scarborough & Whitby Area Constituency Committee area.
2021/22 Work Programme	Review of areas for Scrutiny

**Friday 17 September 2021 at 2.30pm**

<b>Subject</b>	<b>Description</b>
Attendance of MP	Opportunity for the RT Hon Robert Goodwill MP to share his views on main issues of local interest
Health in Coastal Communities	Update on Chief Medical Officer Annual Report on Health in Coastal Communities - Louise Wallace (Director of Public Health) & Claire Robinson (Health Improvement Manager)
2021/22 Work Programme	Review of areas for Scrutiny

**Friday 3 December 2021 at 10:30am**

Temporary Closure of Esk ward at Cross Lane Hospital, Scarborough	Attendance of Tees, Esk & Wear Valleys NHS Foundation Trust Representative – Naomi Lonergan to provide a briefing on the temporary closure of the 13 bed in-patient unit for people with mental health conditions who are of working age
Rural Policing Update	Annual Update from the NYP Rural Taskforce Unit
Whitby Swing Bridge Update	Update from Philip Richardson – NYCC Senior Bridge Engineer

Schools, Educational Achievement & Finance	An overview of the local educational landscape, educational achievement and the financial challenges which affect schools in the Scarborough & Whitby constituency area
2021/22 Work Programme	Review of areas for Scrutiny
<b>19 January 2022 at 10:30am</b>	
Budget 2022/23 Proposals	Overview of Budget proposals for 2021/22 – Gary Fielding, Director of Strategic Resources
2021/22 Work Programme	Review of areas for Scrutiny
<b>10:30am on 16 March 2022</b>	
<b>Subject</b>	<b>Description</b>
Yorkshire Water – Bathing Waters & Environmental Performance Update	Attendance of Dan Macey, Corporate Affairs Advisor at Yorkshire Water – Update on coastal bathing waters & EPA
Draft Work Programme for 2022/23	To consider and amend areas for Scrutiny in the coming municipal year

**Not yet scheduled:**

1. Attendance of North Yorkshire Fire and Rescue Service Group Manager - An overview of four NYFRS projects affecting the constituency area.
2. Crime Data Update – NYP presentation on crime data for the constituency area
3. Funding opportunities & Access to alternative sources of funding for community projects (not public or private sector)
4. Coastal Growth Plan