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Director: Christine Ferguson

Governance and Law
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If calling please ask for
Louise Adamson
Direct Dial: 01595 744555

Date: 16 August 2017

Dear Sir/Madam

You are invited to the following meeting:

Planning Committee
Council Chamber, Town Hall, Lerwick
Thursday 24 August 2017 at 2pm

Apologies for absence should be notified to Louise Adamson at the above number.

Yours faithfully

Executive Manager – Governance and Law

Chair: Mr T Smith
Vice-Chair: Ms A Manson

AGENDA

- (a) Hold circular calling the meeting as read.
- (b) Apologies for absence, if any.
- (c) Declarations of Interest – Members are asked to consider whether they have an interest to declare in relation to any item on the agenda for this meeting. Any Member making a declaration of interest should indicate whether it is a financial or non-financial interest and include some information on the nature of the interest. Advice may be sought from Officers prior to the meeting taking place.
- (d) Confirm the minutes of the meetings held on (i) 20 June 2017 and (ii) 4 July 2017 (enclosed)

Items

Local Reviews under Section 43A of the Town and Country Planning (Scotland) Act 1997 (as amended) to be considered by the Planning Committee sitting as Local Review Body:

1. Local Review Ref: 2017/060/PPF – LR29 - Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in blockwork and rendered plus creation of associated access road and parking/turning area: Bridge of Walls, Shetland, ZE2 9NP



Guidance on Local Review under Section 43A of the Town and Country Planning (Scotland) Act 1997 (as amended) to be considered by the Planning Committee sitting as Local Review Body: Local Review Ref: 2017/060/PPF – LR29 - Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in blockwork and rendered plus creation of associated access road and parking/turning area: Bridge of Walls, Shetland, ZE2 9NP.

1 Introduction

- 1.1 The Planning Scheme of Delegations that has been approved by the Council, as well as that which has been approved by the Scottish Ministers, identifies the appropriate level of decision making to ensure compliance with the 1997 Planning Act.
- 1.2 The Scheme of Delegations, following the hierarchy of development introduced by the Planning etc. (Scotland) Act 2006 which is at the heart of the modernised planning system, provides that where a decision on an application for planning permission for a local development (as defined in the Hierarchy of Development) is to be taken it may, subject to certain exceptions, be so by officers as have been appointed by the planning authority.
- 1.3 A decision on an application for planning permission for a local development that is taken by an officer (the appointed person) under the Scheme of Delegations has the same status as other decisions taken by the planning authority other than arrangements for reviewing the decision. Sections 43A(8) to (16) of the 1997 Act remove the right of appeal to the Scottish Ministers, and put in place arrangements for the planning authority reviewing these decisions instead.
- 1.4 The Full Council resolved on 12 May 2011 (Minute Ref: 57/11) that the remit of the Planning Committee be extended to include the functions of the Local Review Body, who would review the decision taken.

2 Process

- 2.1 The procedures for requiring a review and the process that should then be followed are set out in regulations, and these have been followed in the administrative arrangements that have been carried out for support of this review in accordance with its being the intention that decision making by the Local Review Body will follow a public hearing. This however should be confirmed by the Review Body in each case before proceeding.
- 2.2 The Review Body is, where a decision has been taken that the review is to follow the public hearing procedure, required to follow Hearing Session Rules under Schedule 1 of The Town and Country Planning (Schemes of

Delegation and Local Review Procedure) (Scotland) Regulations 2013. In doing so they are to confirm the matters to be considered and the order in which persons entitled to appear are to be heard.

- 2.3 It has been the intention that such hearing sessions will be held in a similar manner to the current Planning Committee, with the Planning Service Case Officer presenting on the matters to be considered, followed by those persons entitled to appear other than the applicant, followed by the applicant, with its being the case that Members of the Review Body can ask questions throughout the process. The hearing session can similarly proceed in the absence of any person entitled to appear at it. The Review Body should confirm this order and confirm the time each person entitled to appear is to be afforded beforehand. During the administrative arrangements that have been carried out the persons entitled to appear have been informed that they will each be given a maximum of 5 minutes.
- 2.4 The Hearing Session Rules prescribe that the hearing shall take the form of a discussion led by the local review body and cross-examination shall not be permitted unless the local review body consider that this is required to ensure a thorough examination of the issues. Persons entitled to appear are entitled to call evidence unless the local review body consider it to be irrelevant or repetitious. The local review body may also refuse to permit the cross-examination of persons giving evidence, or the presentation of any matter where they similarly consider them to be irrelevant or repetitious.
- 2.5 The matters that are attached for the purposes of consideration by the Review Body in this case comprise: the decision in respect of the application to which the review relates, the Report on Handling and any documents referred to in that Report (including: the planning application form, and any supporting statement and additional information submitted, and consultation responses and representations received prior to the decision notice by the appointed person being issued); the notice of review given in accordance with Regulation 9; all documents accompanying the notice of review in accordance with Regulation 9(4); any representations or comments made under Regulation 10(4) or (6); and any 'hearing statement' served in relation to the review.
- 2.6 In order to be able to give notice of their decision in accordance with the regulations, the local review body must be clear on the details of the development plan and any other material considerations to which it had regard in determining the application, and, where relevant: include a description of any variation made to the application in accordance with section 32A(a) of the 1997 Act; specify any conditions to which the decision is to be subject; include a statement as to the duration of any permission granted or make a direction as to an alternative (and in the case of a planning permission in principle any substitute time periods to apply to approvals of matters specified in conditions); and if any obligation is to be entered into under section 75 of the 1997 Act in connection with the application state where the terms of such obligation or a summary of such terms may be inspected.

Town and Country Planning (Scheme of Delegation and Local Review
Procedure) (Scotland) Regulations 2013

Local Review Under Section 43A(8) of the Town and Country Planning
(Scotland) Act 1997 (As Amended)

Regarding Planning Application Reference: 2017/060/PPF

Erection of a 1.5 storey, 4 bedroom timber framed dwelling, externally
clad in block work and rendered, plus creation of associated access road
and parking/turning area

Bridge of Walls

By Miss Catherine Hobbin

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Section 1. Planning Submission – 2017/060/PPF



Shetland Islands Council

8 North Ness Business Park Lerwick Shetland ZE1 0LZ Tel: 01595 744814 Email: planning.control@shetland.gov.uk

Applications cannot be validated until all the necessary documentation has been submitted and the required fee has been paid.

Thank you for completing this application form:

ONLINE REFERENCE 100030245-001

The online reference is the unique reference for your online form only. The Planning Authority will allocate an Application Number when your form is validated. Please quote this reference if you need to contact the planning Authority about this application.

Type of Application

What is this application for? Please select one of the following: *

- ☒ Application for planning permission (including changes of use and surface mineral working).
- ☐ Application for planning permission in principle.
- ☐ Further application, (including renewal of planning permission, modification, variation or removal of a planning condition etc)
- ☐ Application for Approval of Matters specified in conditions.

Description of Proposal

Please describe the proposal including any change of use: * (Max 500 characters)

Erection of a 1.5 storey timber framed dwelling, externally clad in block-work and rendered. The house will be a 4 bedroom croft house as approved by the Crofters commission, plus creation of associated access road and parking/turning area.

Is this a temporary permission? *

☐ Yes ☒ No

If a change of use is to be included in the proposal has it already taken place?
(Answer 'No' if there is no change of use.) *

☐ Yes ☒ No

Has the work already been started and/or completed? *

☒ No ☐ Yes – Started ☐ Yes - Completed

Applicant or Agent Details

Are you an applicant or an agent? * (An agent is an architect, consultant or someone else acting on behalf of the applicant in connection with this application)

☒ Applicant ☐ Agent

Applicant Details

Please enter Applicant details

Title:	<input type="text" value="Miss"/>	You must enter a Building Name or Number, or both: *
Other Title:	<input type="text"/>	Building Name: <input type="text" value="Mondavista"/>
First Name: *	<input type="text" value="Catherine"/>	Building Number: <input type="text"/>
Last Name: *	<input type="text" value="Hobbin"/>	Address 1 (Street): * <input type="text" value="Mondavista"/>
Company/Organisation	<input type="text"/>	Address 2: <input type="text" value="Walls"/>
Telephone Number: *	<input type="text" value=""/>	Town/City: * <input type="text" value="Shetland"/>
Extension Number:	<input type="text"/>	Country: * <input type="text" value="United Kingdom"/>
Mobile Number:	<input type="text" value=""/>	Postcode: * <input type="text" value="ZE2 9PB"/>
Fax Number:	<input type="text"/>	
Email Address: *	<input type="text" value=""/>	

Site Address Details

Planning Authority:	<input type="text" value="Shetland Islands Council"/>
Full postal address of the site (including postcode where available):	
Address 1:	<input type="text"/>
Address 2:	<input type="text"/>
Address 3:	<input type="text"/>
Address 4:	<input type="text"/>
Address 5:	<input type="text"/>
Town/City/Settlement:	<input type="text"/>
Post Code:	<input type="text"/>

Please identify/describe the location of the site or sites

Northings	<input type="text" value="1151324"/>	Eastings	<input type="text" value="426314"/>
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Pre-Application Discussion

Have you discussed your proposal with the planning authority? *

☒ Yes ☐ No

Pre-Application Discussion Details Cont.

In what format was the feedback given? *

☐ Meeting ☒ Telephone ☐ Letter ☒ Email

Please provide a description of the feedback you were given and the name of the officer who provided this feedback. If a processing agreement [note 1] is currently in place or if you are currently discussing a processing agreement with the planning authority, please provide details of this. (This will help the authority to deal with this application more efficiently.) * (max 500 characters)

Discussion with John Holden regarding planning permission granted to a neighbour to erect a wind turbine which affected our plans to site a house close by due to noise generated by the turbine. We have therefore had to change the location of our site.

Title:

Mr

Other title:

First Name:

John

Last Name:

Holden

Correspondence Reference Number:

Date (dd/mm/yyyy):

15/07/2014

In what format was the feedback given? *

☐ Meeting ☒ Telephone ☒ Letter ☒ Email

Please provide a description of the feedback you were given and the name of the officer who provided this feedback. If a processing agreement [note 1] is currently in place or if you are currently discussing a processing agreement with the planning authority, please provide details of this. (This will help the authority to deal with this application more efficiently.) * (max 500 characters)

Pre-application enquiry regarding site location.

Title:

Ms

Other title:

First Name:

Dawn

Last Name:

Stewart

Correspondence Reference Number:

2014/167/preapp

Date (dd/mm/yyyy):

08/08/2014

In what format was the feedback given? *

☐ Meeting ☒ Telephone ☐ Letter ☒ Email

Please provide a description of the feedback you were given and the name of the officer who provided this feedback. If a processing agreement [note 1] is currently in place or if you are currently discussing a processing agreement with the planning authority, please provide details of this. (This will help the authority to deal with this application more efficiently.) * (max 500 characters)

Roads have a concern over visibility of existing access road onto public road. We would counter this by saying that as a working croft we already access this road each day to check on the sheep. My father also lives at the end of this road whom I visit several times a week, therefore do not see any increase in traffic. The SIC have recently widened the public road immediately next to the private road exit to improve the bus stop which also assists our exit. There are no alternative exits.

Title:

Mr

Other title:

First Name:

Brian

Last Name:

Halcrow

Correspondence Reference Number:

bh/smg/r/g2/sw

Date (dd/mm/yyyy):

15/11/2016

Note 1. A Processing agreement involves setting out the key stages involved in determining a planning application, identifying what information is required and from whom and setting timescales for the delivery of various stages of the process.

Site Area

Please state the site area:

0.16

Please state the measurement type used:

☒ Hectares (ha) ☐ Square Metres (sq.m)

Existing Use

Please describe the current or most recent use: * (Max 500 characters)

Rough grazing for sheep as part of a croft.

Access and Parking

Are you proposing a new altered vehicle access to or from a public road? *

☐ Yes ☒ No

If Yes please describe and show on your drawings the position of any existing. Altered or new access points, highlighting the changes you propose to make. You should also show existing footpaths and note if there will be any impact on these.

Are you proposing any change to public paths, public rights of way or affecting any public right of access? *

☐ Yes ☒ No

If Yes please show on your drawings the position of any affected areas highlighting the changes you propose to make, including arrangements for continuing or alternative public access.

How many vehicle parking spaces (garaging and open parking) currently exist on the application Site?

0

How many vehicle parking spaces (garaging and open parking) do you propose on the site (i.e. the Total of existing and any new spaces or a reduced number of spaces)? *

3

Please show on your drawings the position of existing and proposed parking spaces and identify if these are for the use of particular types of vehicles (e.g. parking for disabled people, coaches, HGV vehicles, cycles spaces).

Water Supply and Drainage Arrangements

Will your proposal require new or altered water supply or drainage arrangements? *

☒ Yes ☐ No

Are you proposing to connect to the public drainage network (eg. to an existing sewer)? *

- ☐ Yes – connecting to public drainage network
☒ No – proposing to make private drainage arrangements
☐ Not Applicable – only arrangements for water supply required

As you have indicated that you are proposing to make private drainage arrangements, please provide further details.

What private arrangements are you proposing? *

- ☒ New/Altered septic tank.
☐ Treatment/Additional treatment (relates to package sewage treatment plants, or passive sewage treatment such as a reed bed).
☐ Other private drainage arrangement (such as chemical toilets or composting toilets).

What private arrangements are you proposing for the New/Altered septic tank? *

- ☒ Discharge to land via soakaway.
☐ Discharge to watercourse(s) (including partial soakaway).
☐ Discharge to coastal waters.

Please explain your private drainage arrangements briefly here and show more details on your plans and supporting information: *

As there is no public sewerage we are going to install our own private septic tank, in-front of and slightly to the left of our house site. The landowners permission has already been sought and I am the tenant crofter. This site is at a lower elevation than our site.

Do your proposals make provision for sustainable drainage of surface water?? *
(e.g. SUDS arrangements) *

☒ Yes ☐ No

Note:-

Please include details of SUDS arrangements on your plans

Selecting 'No' to the above question means that you could be in breach of Environmental legislation.

Are you proposing to connect to the public water supply network? *

☒ Yes

☐ No, using a private water supply

☐ No connection required

If No, using a private water supply, please show on plans the supply and all works needed to provide it (on or off site).

Assessment of Flood Risk

Is the site within an area of known risk of flooding? *

☐ Yes ☒ No ☐ Don't Know

If the site is within an area of known risk of flooding you may need to submit a Flood Risk Assessment before your application can be determined. You may wish to contact your Planning Authority or SEPA for advice on what information may be required.

Do you think your proposal may increase the flood risk elsewhere? *

☐ Yes ☒ No ☐ Don't Know

Trees

Are there any trees on or adjacent to the application site? *

☐ Yes ☒ No

If Yes, please mark on your drawings any trees, known protected trees and their canopy spread close to the proposal site and indicate if any are to be cut back or felled.

Waste Storage and Collection

Do the plans incorporate areas to store and aid the collection of waste (including recycling)? *

☐ Yes ☒ No

If Yes or No, please provide further details: * (Max 500 characters)

Our refuse will be collected from the main road where there is already a bruck box. There is no need for recycling storage as there are no recycling collections. We do however tend to visit the bottle bank with our glass, but is a small box we keep in our kitchen and empty when we go to the local shop.

Residential Units Including Conversion

Does your proposal include new or additional houses and/or flats? *

☐ Yes ☒ No

All Types of Non Housing Development – Proposed New Floorspace

Does your proposal alter or create non-residential floorspace? *

☐ Yes ☒ No

Schedule 3 Development

Does the proposal involve a form of development listed in Schedule 3 of the Town and Country Planning (Development Management Procedure (Scotland) Regulations 2013 *

☐ Yes ☒ No ☐ Don't Know

If yes, your proposal will additionally have to be advertised in a newspaper circulating in the area of the development. Your planning authority will do this on your behalf but will charge you a fee. Please check the planning authority's website for advice on the additional fee and add this to your planning fee.

If you are unsure whether your proposal involves a form of development listed in Schedule 3, please check the Help Text and Guidance notes before contacting your planning authority.

Planning Service Employee/Elected Member Interest

Is the applicant, or the applicant's spouse/partner, either a member of staff within the planning service or an elected member of the planning authority? *

☐ Yes ☒ No

Certificates and Notices

CERTIFICATE AND NOTICE UNDER REGULATION 15 – TOWN AND COUNTRY PLANNING (DEVELOPMENT MANAGEMENT PROCEDURE) (SCOTLAND) REGULATION 2013

One Certificate must be completed and submitted along with the application form. This is most usually Certificate A, Form 1, Certificate B, Certificate C or Certificate E.

Are you/the applicant the sole owner of ALL the land? *

☐ Yes ☒ No

Is any of the land part of an agricultural holding? *

☒ Yes ☐ No

Do you have any agricultural tenants? *

☐ Yes ☒ No

Are you able to identify and give appropriate notice to ALL the other owners? *

☒ Yes ☐ No

Certificate Required

The following Land Ownership Certificate is required to complete this section of the proposal:

Certificate B

Land Ownership Certificate

Certificate and Notice under Regulation 15 of the Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2013

I hereby certify that

(1) - No person other than myself/the applicant was an owner [Note 4] of any part of the land to which the application relates at the beginning of the period of 21 days ending with the date of the accompanying application;

or –

(1) - I have/The Applicant has served notice on every person other than myself/the applicant who, at the beginning of the period of 21 days ending with the date of the accompanying application was owner [Note 4] of any part of the land to which the application relates.

Name:

Mr Norman George Hobbin

Address:

Bethesda, Bethesda, Bridge of Walls, Shetland, ze2 9np

Date of Service of Notice: *

24/07/2016

(2) - None of the land to which the application relates constitutes or forms part of an agricultural holding;

or –

(2) - The land or part of the land to which the application relates constitutes or forms part of an agricultural holding and I have/the applicant has served notice on every person other than myself/himself who, at the beginning of the period of 21 days ending with the date of the accompanying application was an agricultural tenant. These persons are:

Name:

Address:

Date of Service of Notice: *

Signed:

Miss Catherine Hobbin

On behalf of:

Date:

26/02/2017

☒ Please tick here to certify this Certificate. *

Checklist – Application for Planning Permission

Town and Country Planning (Scotland) Act 1997

The Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2013

Please take a few moments to complete the following checklist in order to ensure that you have provided all the necessary information in support of your application. Failure to submit sufficient information with your application may result in your application being deemed invalid. The planning authority will not start processing your application until it is valid.

a) If this is a further application where there is a variation of conditions attached to a previous consent, have you provided a statement to that effect? *

☐ Yes ☐ No ☒ Not applicable to this application

b) If this is an application for planning permission or planning permission in principle where there is a crown interest in the land, have you provided a statement to that effect? *

☐ Yes ☐ No ☒ Not applicable to this application

c) If this is an application for planning permission, planning permission in principle or a further application and the application is for development belonging to the categories of national or major development (other than one under Section 42 of the planning Act), have you provided a Pre-Application Consultation Report? *

☐ Yes ☐ No ☒ Not applicable to this application

Town and Country Planning (Scotland) Act 1997

The Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2013

d) If this is an application for planning permission and the application relates to development belonging to the categories of national or major developments and you do not benefit from exemption under Regulation 13 of The Town and Country Planning (Development Management Procedure) (Scotland) Regulations 2013, have you provided a Design and Access Statement? *

☐ Yes ☐ No ☒ Not applicable to this application

e) If this is an application for planning permission and relates to development belonging to the category of local developments (subject to regulation 13. (2) and (3) of the Development Management Procedure (Scotland) Regulations 2013) have you provided a Design Statement? *

☐ Yes ☐ No ☒ Not applicable to this application

f) If your application relates to installation of an antenna to be employed in an electronic communication network, have you provided an ICNIRP Declaration? *

☐ Yes ☐ No ☒ Not applicable to this application

g) If this is an application for planning permission, planning permission in principle, an application for approval of matters specified in conditions or an application for mineral development, have you provided any other plans or drawings as necessary:

- ☒ Site Layout Plan or Block plan.
- ☒ Elevations.
- ☒ Floor plans.
- ☒ Cross sections.
- ☒ Roof plan.
- ☐ Master Plan/Framework Plan.
- ☐ Landscape plan.
- ☐ Photographs and/or photomontages.
- ☐ Other.

If Other, please specify: * (Max 500 characters)

Provide copies of the following documents if applicable:

A copy of an Environmental Statement. *

☐ Yes ☒ N/A

A Design Statement or Design and Access Statement. *

☐ Yes ☒ N/A

A Flood Risk Assessment. *

☐ Yes ☒ N/A

A Drainage Impact Assessment (including proposals for Sustainable Drainage Systems). *

☐ Yes ☒ N/A

Drainage/SUDS layout. *

☐ Yes ☒ N/A

A Transport Assessment or Travel Plan

☐ Yes ☒ N/A

Contaminated Land Assessment. *

☐ Yes ☒ N/A

Habitat Survey. *

☐ Yes ☒ N/A

A Processing Agreement. *

☐ Yes ☒ N/A

Other Statements (please specify). (Max 500 characters)

Declare – For Application to Planning Authority

I, the applicant/agent certify that this is an application to the planning authority as described in this form. The accompanying Plans/drawings and additional information are provided as a part of this application.

Declaration Name: Miss Catherine Hobbin

Declaration Date: 26/02/2017

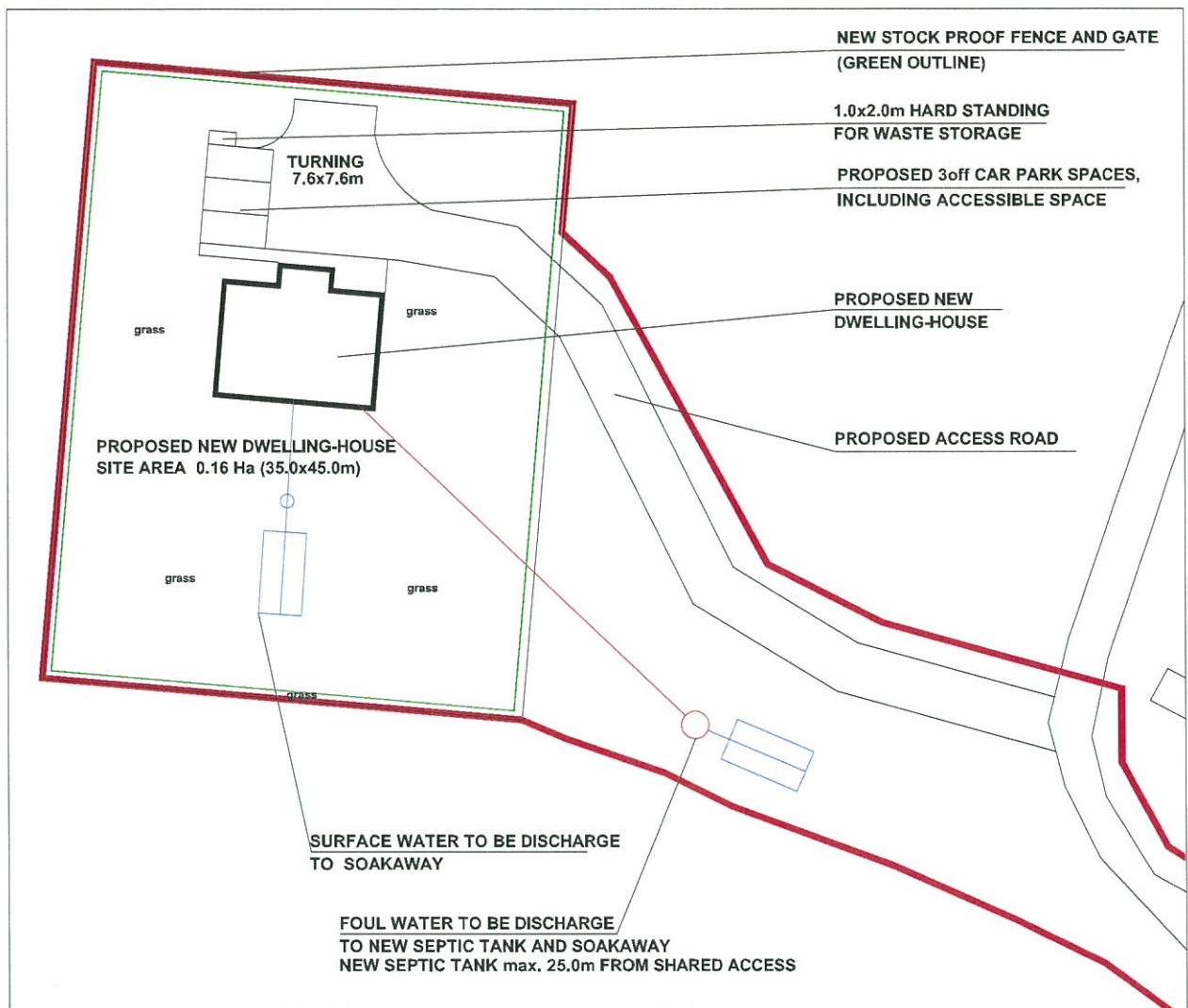
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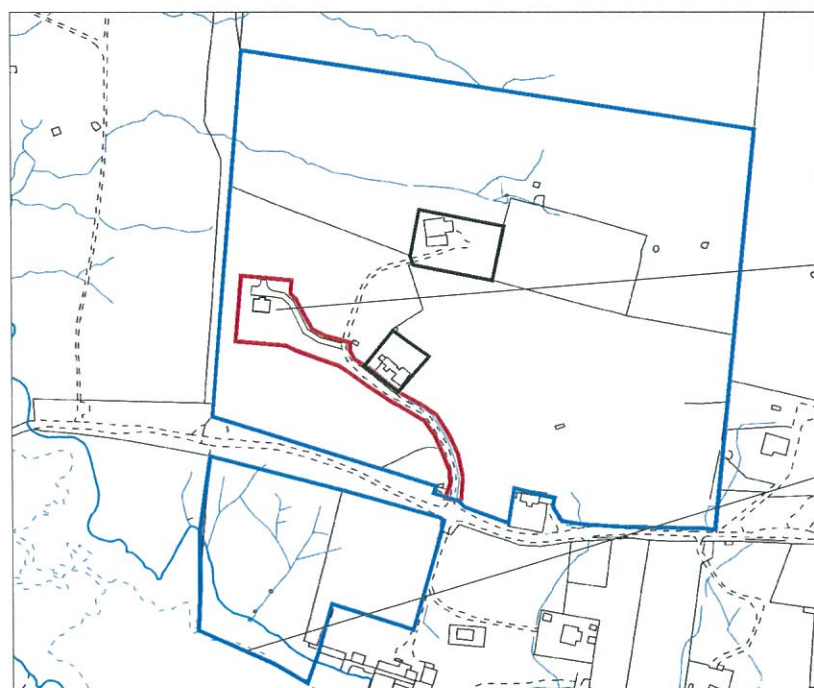
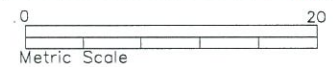
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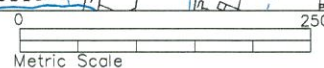
A4@1:500/1:10000



SITE PLAN 1:500



LOCATION PLAN 1:10000



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INVESTOR: HOBBS & SMITH

HOME: POINT 150E

SCALE: 1:10000 VER: 2

DATE 1: 03.12.2016 DATE 3:

DATE 2: 24.02.2017 DATE 4:

DRAWING: SITE & LOCATION PLAN

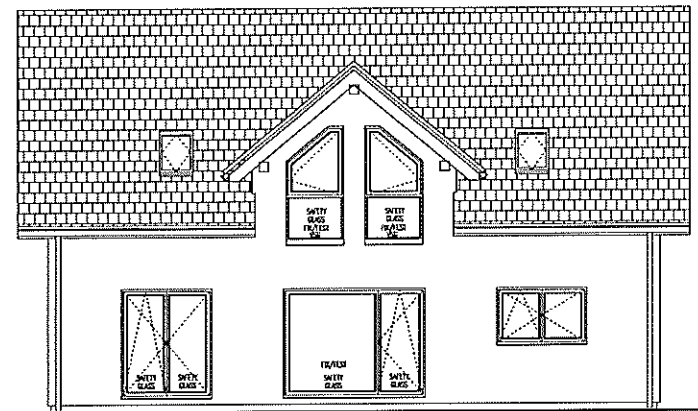
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ARCH GB

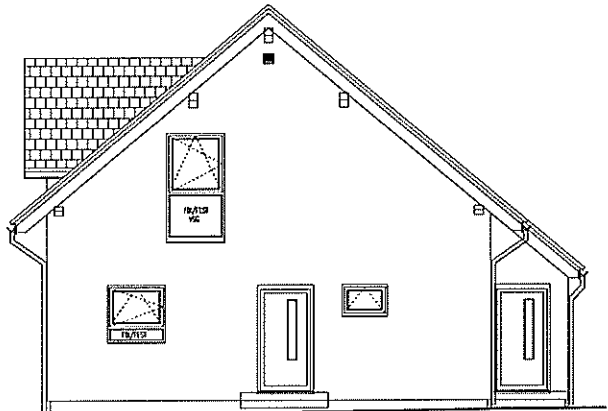
ARCH PL



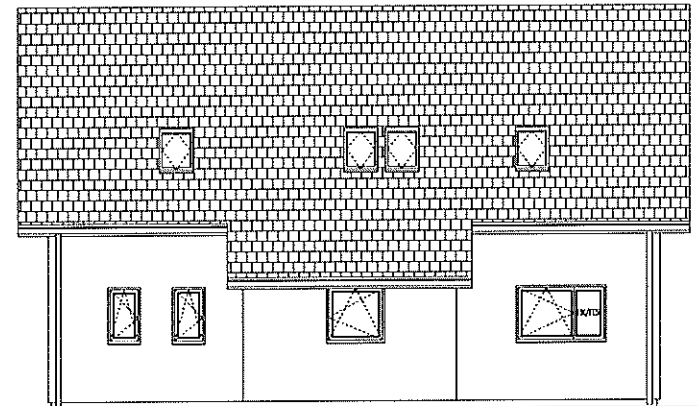
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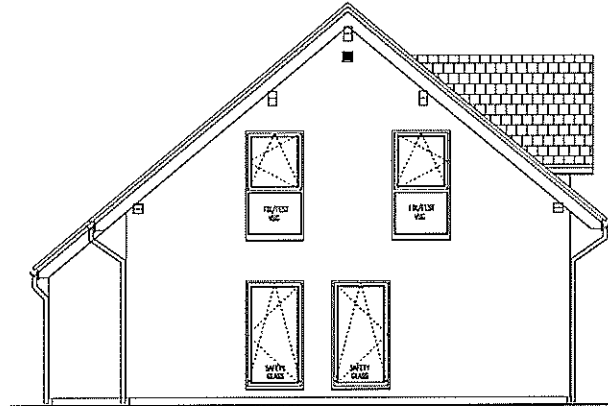
SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION



WEST ELEVATION

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INVESTOR: HOBBIN

HOME: POINT 150E

SCALE: ~~1:100~~

VER:1

DATE 1 24.02.2017

DATE 3

DATE 2

DATE 4

DRAWING: ELEVATIONS

ARCH GB: T.RYNECKI

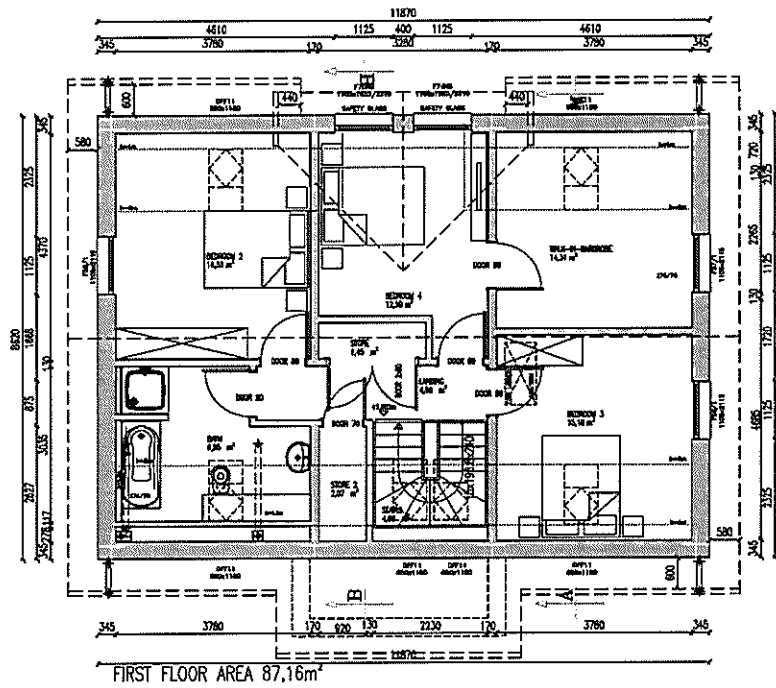
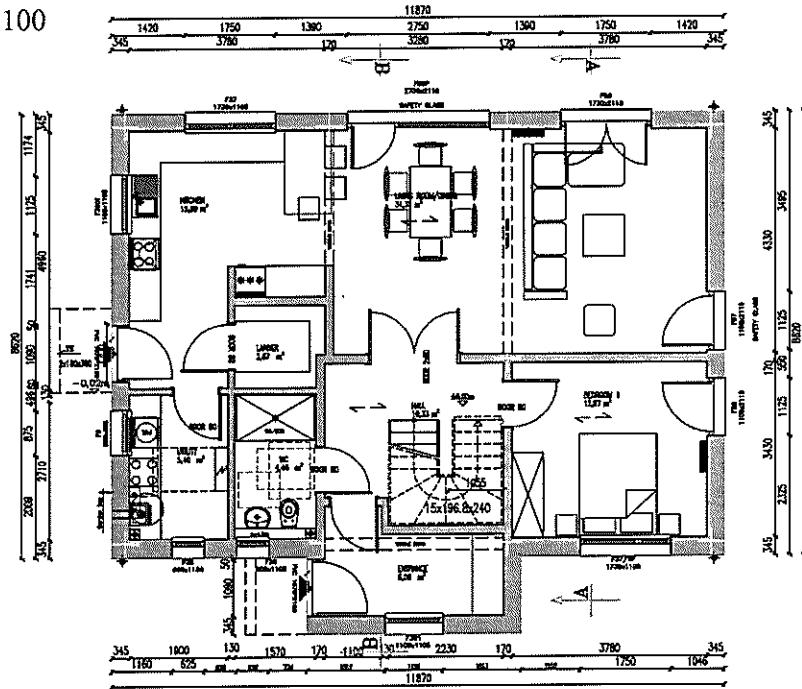


DRAWING NO: ARCH/ PP02/8778/2016

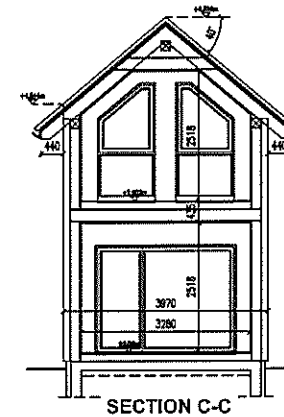
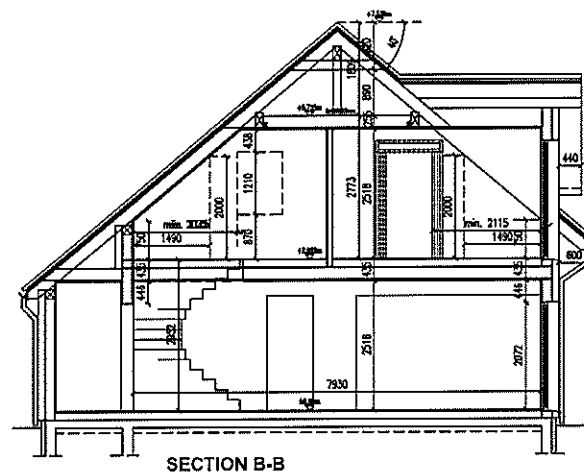
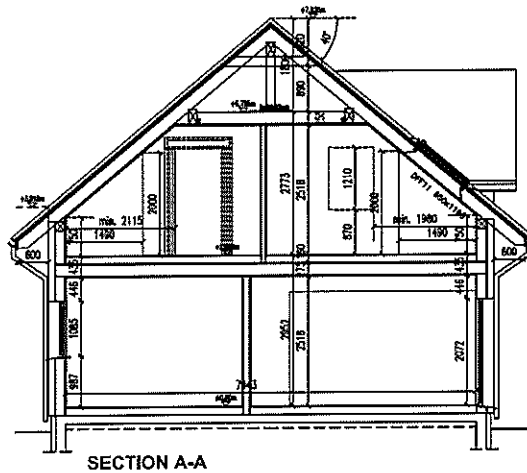
ARCH PL: Maria Kerpocz

VALID FROM 20.05.2015

A3@1:100




metres 1:100
-1 0 1 2



POINT 150E

4-BED
GROUND FLOOR AREA 93,85m²
FIRST FLOOR AREA 87,16m²
TOTAL FLOOR AREA 181,01m²

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INVESTOR: HOBBIN				 DAN-WOOD HOUSE	
HOME: POINT 150E					
SCALE: 1:200		VER: 1			
DATE 1 24.02.2017		DATE 3			
DATE 2		DATE 4			
DRAWING: PLANS & SECTIONS				DRAWING NO: ARCH/ PP01/8778/2016	
ARCH GB RYNECKI				ARCH PL Maria Korpacz	



Shetland Islands Council

Executive Manager: Iain S McDiarmid
Director: Neil Grant

Miss Catherine Hobbin
Mondavista
Walls
Shetland
United Kingdom
ZE2 9PB

Planning
Development Services
8 North Ness Business Park
Lerwick
Shetland
ZE1 0LZ

Telephone: 01595 744293
www.shetland.gov.uk

If calling please ask for:
Janet Barclay Smith
Planning Officer
Janet.B Barclay@shetland.gov.uk
Direct Dial: 01595 744829

Our Ref: 2017/060/PPF

Date: 23 March 2017

Dear Miss Hobbin

Town and Country Planning (Scotland) Act 1997 (as amended)

Development	Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in block-work and rendered plus creation of associated access road and parking/turning area
Location	Bridge Of Walls, Shetland, ZE2 9NP,
Applicant Name	Miss Catherine Hobbin

In connection with the above planning application I enclose a copy of the comments received from the Council's Roads Service. As you can see there are a number of concerns about the access road that will serve the site particularly in the vicinity of the junction with the public road. Three main issues have been highlighted by the roads service as follows:

- a) There is a requirement for a visibility splay of 2.5 metres by 120 metres at the junction of the access. This is available to the west, but to the east it is only possible to see about 60 metres from the junction, and it does not appear that there is anything that could be done to achieve the visibility to the east from the current junction as it is blocked by a combination of levels, the bend in the road and a garden wall.

This is potentially a significant issue as lack of adequate visibility could affect road safety and if this is not resolved, unfortunately this could result in a recommendation for refusal of the planning application because of road safety issues. Therefore I would urge you to look at alternative access points, possibly moving the location of the access to the west. I note from the location plan

submitted, where you have outlined the croft boundaries in blue, that you have land to the west of the existing access and therefore it might be possible to find a suitable alternative access point on land within your control.

- b) The Roads Service have indicated that the access must be a minimum of 5.5 metres in width for at least the first 6 metres from the edge of the public road to allow a vehicle to exit the public road while another waits to enter. The existing access road does not meet this required standard and any new access road proposed should be designed to meet this standard.
- c) The Roads Service has also indicated that the gradient of the access should not exceed 5% (slope of 1 in 20) for at least the first 6 metres from the edge of the public road with the initial access gradient being no more than 3% more or less than the crossfall/camber of the public road. Again the existing access does not meet this standard, and any new access proposed should be designed with this in mind.

Therefore at present as you can see from the comments received from the Roads Service, the proposed access to the site does not meet the current access standards required by the Council. In light of this please advise me if you propose to submit revised plans with amended proposals for the access to the site or whether you wish to have the application considered on the basis of the current submitted plans which could unfortunately result in a recommendation for refusal.

Further information and guidance on the design of the private accesses can be found on the Council's web site at:

<http://www.shetland.gov.uk/roads/documents/SICRS-PrivateAccessGuidance-November2015.pdf>

In terms of the location proposed, the development would appear to fit with the existing settlement pattern in the area, and subject to details of the colour of the external material finishes of the roof and walls, the design of the proposed house may be acceptable. However no information is given of the extent of excavation that will be required across the house site and the parking and turning area to be provided. On the plans submitted the house is shown on a flat site with no excavation or underbuilding. There are no spot heights or details of existing levels shown on the plans. Therefore a cross section through the site is required to show the excavation that will be required.

No comments have yet been received from Scottish Water about water supply and connection to their infrastructure in this area, and if any issues are raised I will pass these on to you in due course.

If you have any queries regarding the above please feel free to get in touch. If you need any technical advice in connection with road access design, please get in touch with the Council's Roads Service.

I look forward to hearing from you in the near future.

Yours sincerely

Janet Barclay Smith
Planning Officer

Catherine Hobbin and Darren Smith
Mondavista
Walls
Shetland
ZE2 9PB

26/03/2017

Dear Janet Barclay Smith,

Thank you for your correspondence dated 23rd March. I fully appreciate the desire to make all roads in Shetland as safe as possible.

I have three main areas for you to consider when taking into account advice from roads.

1 – Road Safety – My partner and I currently use this road on a daily basis for the croft and I have used this junction and the one on the opposite side of the road for the majority of my life. Our junction to the main road enters into the bus stop, so we enter the main road in the same way a bus at the bus stop would. This bus stop is used by the service busses, school busses, post van and the public on a daily basis. It is also used by the essay cart on a weekly basis. A few years ago the bus stop was improved by setting it further back from the road, at this time a decision could have been made to move the bus stop a hundred meters or so down the road to the next passing place. As this was not done it must have been considered safe enough to maintain the bus stop and associated traffic in its existing location. The corner has also been widened to make it easier for two vehicles to pass. If it is safe enough to leave this bus stop where it is then why is it not safe enough for us to continue to use it? In addition I would like to point out if we were driving from Walls towards Lerwick and we were to be involved in a head on collision the likely approach speed from both directions would be approximately 40 mph resulting in an 80mph impact. If we were driving from our proposed house site to Lerwick and had a head on collision having just come out of the junction our approach speed would be in the region of 10mph having just entered the road and the other car would be approx 40mph this would give an impact of 50mph. The probability of crashing is not increased simply by exiting at the junction as we would not be adding to the traffic flow. If this junction is not considered safe by roads perhaps mirrors could be installed as per elsewhere in Shetland.

2 - New vs existing access - When researching the requirements for existing access we found very little distinction between new access roads and exiting access roads in the Shetland guidance. However the Scottish guidance clearly states that "All new accesses should be provided to the most appropriate standard. In addition, where a development generates a **significant increase** in traffic on to an existing access, it will be necessary to bring this access up to standard." We use this junction/road to access the croft on a daily basis. In addition to using this road for the croft we also visit my Dad most days. At Lambing time of year I could be using this junction 8 – 10 times per day, where as if I lived here I would use it once to go to work and once to come home. **There is no significant increase** as we work the land surrounding this junction on both sides of the road. We have obviously looked at the possibility of a new access road. We are the tenants of the croft

however we are not the owner. It is not desirable to use any more of the croft than needed for a road as this eats into valuable grazing land and budget for the house. The land in front of the house site is too steep to go straight down onto the main road and could never meet roads specifications. An existing septic tank limits other routes. In addition to this it is preferable to use existing access routes as per your own guidance. Especially where we are building right next to an existing route.

3 – The crofters commission have recognised our need to live on the croft by awarding us a grant for a croft house, without which we would not be able to build. Spending this grant money on a road is just not feasible, nor the intended purpose. The Scottish government also recognise the need to apply planning policies flexibly to meet the needs of local communities. One of the key areas is the retention of young people in rural communities and building up the population. We have been trying to buy a property on the Westside for a number of years however we have been outbid on all occasions suggesting there isn't enough supply to meet demand. Our plans are also supported by the local community council as they recognise the need for more local houses. Without this build going ahead there is a strong possibility we would have to abandon the croft.

Kind regards

Catherine Hobbin
Darren Smith

Barclay Janet@Development Management

From: Barclay Janet@Development Management
Sent: 27 March 2017 12:12
To: [REDACTED]
Subject: RE: Planning Application 2017/060/PPF - House, Bridge of Walls

Dear Miss Hobbin

Thank you for your letter dated 26 March 2017. I will pass this on to the Roads Service for further comment. In terms of the external finishes proposed for the house, a letter stating the proposed finishes and colours would be fine. As for the levels, it is usual to have some details of the extent of excavation proposed on the site and cross sections, existing and proposed are the best way to demonstrate this. The elevation drawings show no underbuilding on the proposed house, and the cross sections should show how this will be achieved. If underbuilding is proposed/required it should be shown on the proposed elevation drawings.

I will let you know what the Roads Service have to say following your letter.

Yours sincerely

Janet Barclay Smith
Planning Officer
Shetland Islands Council
8 North Ness
Lerwick
Shetland
ZE1 0LZ

From: snurtle bug [REDACTED]
Sent: 26 March 2017 23:49
To: Barclay Janet@Development Management
Subject: Re: Planning Application 2017/060/PPF - House, Bridge of Walls

Hi,

Please find attached our response to the road departments concerns. In addition you have asked about external finishes and colours. Do you need amended house plans with the house finishes noted on or a letter or something else, I noticed the paper format of the application form has space for these details but the online version did not. You have also asked about excavations for the site. We are building on a relatively flat rocky knowe with minimal topsoil. The house and garden will still sit within the landscape as there are higher plateaus behind it. Do we still need a cross section showing spot heights?

Kind regards

Catherine

From: Janet.B BarclaySmith@shetland.gov.uk <Janet.B BarclaySmith@shetland.gov.uk>
Sent: 24 March 2017 10:25

To: [REDACTED]

Subject: Planning Application 2017/060/PPF - House, Bridge of Walls

Please find attached a letter in connection with the above planning application.

Barclay Janet@Development Management

From: Barclay Janet@Development Management
Sent: 27 March 2017 12:31
To: Halcrow Brian@Roads Service
Subject: Catherine Hobbin roads safety planning.docx
Attachments: SecureZIP Attachments.ZIP

Hi Brian

Please find attached a copy of a letter received from the applicant for the house at the Bridge of Walls that you provided comments on dated 20 March 2017 (BH/SMG/R/G2/SW). You had concerns about the access to the site in terms of visibility, gradient and width. I passed your concerns on to the applicant and the letter attached is in response to your comments.

I would appreciate if you could have a look at the letter and the points the applicant has made about the existing level of use of the access and the standard of the existing access and provide some comments in response to this letter.

I look forward to hearing from you in the near future.

Regards
Janet Barclay Smith
Planning Officer
Shetland Islands Council
8 North Ness
Lerwick
Shetland
ZE1 0LZ

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PROPOSED ASSIGNMENT OF A CROFT

Sean W. Williamson is applying to the Crofting Commission for consent to assign the tenancy of the croft at Fogrigarth (Z1593), West Burralfirth, to Magnus H. Scott of Ashbank, East Burralfirth, Bixter.

If you consider you have a relevant interest in this application, you may submit comments in writing to the Crofting Commission, Great Glen House, Leachkin Road, Inverness IV3 8NW or email: info@crofting.scotland.gov.uk within 28 days from the date of publication of this advert.

Please note that any comments you provide are part of an open process and will be made available to interested parties. Your comments would also be released under a Freedom of Information enquiry.

FIRST REGISTRATION OF A CROFT

Janet Marie Coutts has registered her croft Stonetoft, Fellar on the Crofting Register held by the Registers of Scotland.

Any person who wishes to challenge the registration may apply to the Scottish Land Court by 13th December, 2017.

Details of the registration can be found at www.crofts.ros.gov.uk/register/home. The croft registration number is C3826.

NESTING ROWING CLUB AGM

At South Nesting Public Hall on Tuesday, 4th April at 8pm. All new members welcome.

SANDSTING HISTORY GROUP AGM

In Skeld Hall on Wednesday, 5th April, 7.30pm. All welcome.

PROPOSED ASSIGNMENT OF A CROFT

John Arthur Jamieson is applying to the Crofting Commission for consent to assign the tenancy of the croft at Colvadale, Colvadale, South Unst, to Alan John Ross Jamieson of Vesquoy, Muness, Uyeasound, Unst, ZE2 9DL.

If you consider you have a relevant interest in this application, you may submit comments in writing to the Crofting Commission, Great Glen House, Leachkin Road, Inverness IV3 8NW or email: info@crofting.scotland.gov.uk within 28 days from the date of publication of this advert.

Please note that any comments you provide are part of an open process and will be made available to interested parties. Your comments would also be released under a Freedom of Information enquiry.

FIRST REGISTRATION OF A CROFT

Laurence Hubert Christie has registered the croft Neigarth, Lunnasting on the Crofting Register held by the Registers of Scotland.

Any person who wishes to challenge the registration may apply to the Scottish Land Court by 13th December, 2017.

Details of the registration can be found at www.crofts.ros.gov.uk/register/home. The croft registration number is C3827.

SHETLAND EX-WHALERS ASSOCIATION AGM

Will be held in the Shetland Amenity Trust Office on Sunday, 9th April 2017 at 6.30pm followed by a Committee meeting. All ex-whalers very welcome.

Shetland Islands Council

These applications, associated plans and documents can be examined, 09.00-17.00, Mon-Fri, at: Shetland Islands Council, Planning Department, Train Shetland, Gremista Industrial Estate, Gremista, Shetland, ZE1 0PX. Please call 744293 to make an appointment if you wish to discuss any application. Applications, associated plans and documents can also be viewed on the Council website at www.shetland.gov.uk.

Town and County Planning (Development Management Procedure) (Scotland) Regulations 2013

Format: Ref No; Proposal & Address

2017/072/PPF; Change of use of land to garden ground and proposed extension (two storey, flat roof) to existing property; 9 Hulsidale, Hamnavoe, Burra, Shetland, ZE2 9LF

2017/079/PPF; Re-cladding with new profile sheeting, current colour is brown, new colour would be sargasso blue RAL5002 with goosewing grey BS10A05 on the roof; Lewick Ice Factory, Shearers Quay, Garthspool, Lerwick, Shetland

2017/060/PPF; Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in block-work and rendered plus creation of associated access road and parking/turning area; Bridge Of Walls, Shetland, ZE2 9NP

Written comments may be made to Iain McDiarmid, Executive Manager, at the above address, email development.management@shetland.gov.uk by 14/04/2017.

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FIRST REGISTRATION OF A CROFT

Mr James J. T. Abernethy has registered the croft Bayview, Tresta, Aithsling, on the Crofting Register held by the Registers of Scotland.

Any person who wishes to challenge the registration may apply to the Scottish Land Court by 11th November, 2017.

Details of the registration can be found at www.crofts.ros.gov.uk/register/home. The croft registration number is C3201.

FIRST REGISTRATION OF A CROFT

Mr John Robert Leslie Hutchison has registered the croft Floddens, Lunnasting, on the Crofting Register held by the Registers of Scotland.

Any person who wishes to challenge the registration may apply to the Scottish Land Court by 9th December, 2017.

Details of the registration can be found at www.crofts.ros.gov.uk/register/home. The croft registration number is C3818.

REGISTERED APPLICANTS

31 March 2017

● Bedsit property in Upper Glebe, Bressay

We have a one person bedsit available to rent. This property is available to all Shetland Islands Council and Hjalitland applicants. Rent and services payable £288.00 p.c.m. EPC Band D.

● Two bedroom house in Gremmasgaet, Lerwick

We have a two bedroom, three person, semi-detached house available to rent. This property is available to all Shetland Islands Council and Hjalitland Transfer applicants. Rent and services payable £390.45 p.c.m. EPC Band C.

All interested Applicants must contact Hjalitland Housing Association before the closing date of 2.00pm Tuesday 4th April 2017.

For a fuller explanation on how to register, information about the pointing system, and more details on the properties available, contact us at 2 Harbour Street, Lerwick, telephone us on 01595 694986 or visit our website at www.hjalitland.org

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Section 3. Consultation Responses

Bryant Marion@Development Management

From: Smith Colin@Marine Planning on behalf of Planning Flooding Drainage Coastal
Sent: 01 March 2017 14:54
To: Development Management@Development
Subject: RE: Planning Consultation 2017/060/PPF

Follow Up Flag: Follow up
Flag Status: Flagged

Background

This is an application for construction of a dwelling house at Bridge of Walls.
The submitted plan shows surface water draining to a SUDs soakaway.

Comments

To comply with the Water Framework Directive the drainage design should include sufficient attenuation to at least reduce flows during 1 in 10 year rainfall events to the level which would have occurred before the development. A suitably designed soakaway would meet this attenuation requirement.

Any SUDs device should be at least 5m from any house or public road or site boundary.
The location shown appears to be acceptable.

During extreme rainfall events surface water flows may exceed the capacity of the drainage systems and back up, or flow over the ground.
Flows from higher ground may also exceed the capacity of any cut off ditches or drains which may be proposed to protect the site.

The landscaping / ground levels on the sites should therefore be designed to ensure that these potential overland flows of water would not cause a flooding problem to the proposed or surrounding houses:- the site levels should guide water flowing over the ground away from properties and towards a suitable place for them to re-enter a drainage system.

There do not appear to be any site specific issues.

Colin Smith
Planning Engineer

Shetland Islands Council | Train Shetland | Gremista | Lerwick | Shetland
Tel +44 (0)1595 744881
Email colin.smith@shetland.gov.uk

From: Development Management@Development
Sent: 28 February 2017 16:59
To: Planning Flooding Drainage Coastal; Roads Traffic; Sandness & Walls Community Council
[REDACTED]; Scottish Water [REDACTED]
Subject: Planning Consultation 2017/060/PPF

Dear Sir/Madam,

Planning Ref: 2017/060/PPF
Proposal: Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in block-work and rendered plus creation of associated access road and parking/turning area

Address: Bridge Of Walls, Shetland, ZE2 9NP

Applicant: Miss Catherine Hobbin

Date of Consultation: 28 February 2017

This e-mail is a formal consultation under the Town and Country Planning (Scotland) Acts. All plans can be viewed on:

<http://pa.shetland.gov.uk/online-applications/>

The consultation period is 14 days, but if you have any queries please contact Marion Bryant, Support Officer on development.management@shetland.gov.uk or 01595 744864.

Consultation replies should be sent to: development.management@shetland.gov.uk.

We appreciate that it may not always be possible to give a full response within the 14 days. If this is the case, please email development.management@shetland.gov.uk to indicate your continuing interest in the proposal.

If there are any problems with the e-consultation process, please get in touch.

Iain McDiarmid
Executive Manager - Planning Service
Shetland Islands Council
8 North Ness Business Park
Lerwick
ZE1 0LZ

Bryant Marion@Development Management

From: publicaccess@shetland.gov.uk
Sent: 16 March 2017 08:48
To: Bryant Marion@Development Management
Subject: Comments for Planning Application 2017/060/PPF

Follow Up Flag: Follow up
Flag Status: Flagged

Planning Application comments have been made. A summary of the comments is provided below.

Comments were submitted at 8:41 AM on 16 Mar 2017 from Mr Douglas Forrest.

Application Summary

Address: Bridge Of Walls Shetland ZE2 9NP

Proposal: Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in block-work and rendered plus creation of associated access road and parking/turning area

Case Officer: Marion Bryant

[Click for further information](#)



Customer Details

Name: Mr Douglas Forrest

Email: [REDACTED]

Address: 1 Kirkidale, Kirkidale, Walls, Shetland ZE2 9QX

Comments Details

Commenter Type: Community Councillor

Stance: Customer made comments in support of the Planning Application

Reasons for comment:

Comments: The Sandness and Walls Community Council welcomes the erection of a new house in the area.

MEMO

To: Development Control

From: Roads

**SHETLAND ISLANDS COUNCIL
PLANNING**

20 MAR 2017

PASS TO

ACTION

If calling please ask for

Brian Halcrow

Direct Dial: 4883

Date: 20th March 2017

Medium: email

Our Ref: BH/SMG/R/G2/SW

Your Ref:

Application: 2017/060/PPF**Address: Bridge of Walls, Shetland, ZE2 9NP****Proposal: Erection of a 1.5 storey four bedroom timber framed dwelling, externally clad in block-work and rendered plus creation of associated access road and parking/turning area****Date of Consultation: 15th March 2017**

**Recommended Action: RECOMMEND REFUSAL – INADEQUATE VISIBILITY ONTO
A971/ SUBSTANDARD ACCESS GRADIENT AND WIDTH
JOINING A971**

Road Authority Comments:

1. The required visibility splays must be provided before any building works start on site and must be maintained during the course of the works and thereafter.

The applicant should show that they have control over any ground required to provide and maintain the required visibility splays.

- a. A visibility splay of 2.5 metres by 120 metres must be provided to the east of the junction of the access with the public road. **This is not available at present.**

Only around 60 metres is available at present with little or no chance of improving this without the junction location being moved. Please note 120m is only for approach speeds of up to 44mph. During the recent site visit it would appear that free flowing traffic speeds are probably be faster than this.

- b. A visibility splay of 2.5 metres by 120 metres must be provided to the west of the junction of the access with the public road. This is available at present.
 - c. It does not appear that the required visibility splays can be achieved from the present access location.
2. No fence, wall, bushes or other potential obstruction to visibility should be permitted within 2.5 metres of the edge of the public road and within 1.5 metres of the edge of the proposed access road.

Adequate visibility splays are required to ensure that vehicles can enter the public road safely.

Adequate separation is required to ensure that conflicts between manoeuvring vehicles are minimised in the interests of safety.

3. The access shall be a minimum of 5.5 metres wide for at least the first 6 metres from the edge of the public road. **This is not available at present.**

This is required to allow a vehicle to exit the public road while another waits to enter.

4. The gradient of the access should not exceed 5% (slope of 1 in 20) for at least the first 6 metres from the edge of the public road. The initial access gradient should be no greater than 3 percent more or less than the crossfall/ camber of the public road at the junction. **This is not available at present.**

This is required to provide a safe stopping platform before entering the public road.

5. The access should be surfaced in bitmac or double coat hot tar surface dressing for at least the first 6 metres from the edge of the public road.

This is required to prevent damage to the road edge and minimise the possibility of loose material being dragged onto the public road.

6. The access should be designed in order that it does not shed surface water from the site onto the public road.
7. Site drainage should be designed, provided and maintained such that no surface water from the site shall be permitted to drain or run onto the public road or footway.

It is an offence under the Roads (Scotland) Act 1984 to allow water to shed onto the public road as it can create a significant hazard, particularly in winter.

8. The junction onto the public road shall be formed with 6 metre radiuses between the access and the public road edge.

This is required to prevent damage to the road edge and verges through over-running by turning vehicles.

9. That length of the access crossing the public road verge or footway must be constructed to the satisfaction of The Shetland Islands Council Roads Service. A Road Opening Permit must be obtained from The Shetland Islands Council Roads Service prior to carrying out any works to form an access onto the public road.

It is illegal to carry out works within or adjacent to the public road without first obtaining the necessary consents from the Roads Authority. This is a separate legal process from the Planning process.

10. Parking provision should be made within the site for a minimum of 3 cars.
11. Turning provision for cars should be made within the site in the form of a standard hammer head or a manoeuvring space of at least 7.6 metres by 7.6 metres in size.

Adequate parking and turning within the site is required in order to prevent safety or congestion issues being created on the public road in the vicinity of the development.

Technical Comments for Planning Service to Consider:

- A. The access should be designed in accordance with the Private Access Guidance Document. This document can be found on the Roads Services section of the Council web site.

Design details required to be submitted in the form of a long-section indicating the proposed gradients, vertical curve lengths and existing and proposed ground levels. Chainages for each of these points will be required in order to check that the design is safe and convenient. In areas of cut and fill, side slopes should be indicated on the site plan to show the full extent of the earthwork proposals. Where appropriate cross-sections should be provided to show the relationship between cut and fill slopes and the public road extents.

Please note that the applicant contacted this office for pre-application advice and was advised on the 14th November 2016 that the access point did not meet the required minimum visibility distances.

Executive Manager, Roads

MEMO

To: Development Control

From: Roads

If calling please ask for
Brian Halcrow
Direct Dial: 4883

Medium: email

Our Ref: BH/SMG/R/G2/SW

Your Ref:

Date: 29th March 2017

SHETLAND ISLANDS COUNCIL PLANNING	
29 MAR 2017	
PASS TO	ACTION

Application: 2017/060/PPF

Address: Bridge of Walls, Shetland, ZE2 9NP

Proposal: Erection of 1.5 storey four bedroom dwellinghouse

Date of Consultation: 27th March 2017

Recommended Action: REFUSAL

Road Authority Comments:

I refer to the letter dated 26th March 2017 from the applicants Catherine Hobbins and Darren Smith in response to my consultation response dated 20th March.

In their letter the applicants indicated that the nearby bus stop is used by the service bus and therefore it must be safe. I would point out that it is only recently that the majority of bus stops have been assessed to ensure that they are safe. This was carried out as part of the review of school transport arrangements. This stop however was not included in that review.

However, the bottom line is that regardless of the quality or standard of the existing road infrastructure in the area the access proposed to be used for this development has insufficient emerging visibility for the approach speeds of vehicles on the main public road. While applicants cannot be held responsible for any historical deficiencies in the existing public road infrastructure, nor should they be able to cite these as grounds for not meeting the current standards required for their proposals.

Therefore any development which has the potential to significantly increase the level of traffic using this access needs to meet current design standards in order that it does not raise the accident risk contrary to Council policy. A significant increase is taken to be an increase of over 10%. The potential to create an increase comes from a number of factors: a modern family house generates typically 7-10 trips per day through the year by its residents and deliveries, this is similar to the peak existing demand claimed for the lambing season – but which is only a small part of the year; also there is the possibility of the occupation of the new dwelling house and the operation of the croft ground being by different parties in the future.

I would point out that application 2002/266/PCD for an earlier house on this croft (the applicant's father?) also highlighted the lack of visibility on this access, and recommended a refused.

While the physical situation has not changed since 2002 and I would point out the Shetland Local Plan 2004 Policy LP H004 sections (h) and (i) refer to Appendices D and E, where Appendix E specifically refers to the need for adequate visibility splays. I would also highlight the recently adopted Council policy documents regarding the National Roads Development Guide and Local Variations where visibility splay requirements for roads in rural areas were confirmed under Para 3.1.7 (c) tables 8 and 9.

When the access and emerging visibilities are sub-standard, such as in this case, it is normal to look for an improvement to meet the required standards set out as in my previous consultation. In certain circumstances this may require a new access location to be sought.

Executive Manager, Roads

Section 4. Representations

Barclay Janet@Development Management

From: Scott T (Tavish), MSP [REDACTED]
Sent: 13 April 2017 10:11
To: Barclay Janet@Development Management
Cc: Contact -Tavish Scott
Subject: RE: Tavish Scott MSP - constituent planning issue (Catherine hobbin

Dear Janet,

Thank you for this reply. I appreciate the point about Roads advice. I am not sure I can quite grasp this argument given the other public service vehicles who all use this road too. If it has inadequate visibility at the moment, how can the school bus, the post van and the refuse lorry use all be considered to be safe?

But I am sure Ms Hobbin will be making these points at the appeal and I am most grateful that you called her to clarify the process that will be followed.

With best wishes
Tavish

Tavish Scott MSP
MSP for Shetland

Shetland Office - 171 Commercial Street - Lerwick -Shetland ZE1 0HX -Tel: [REDACTED]
Scottish Parliament EH99 1SP -Tel: [REDACTED]

[REDACTED]

From: Janet.BarclaySmith@shetland.gov.uk [mailto:Janet.BarclaySmith@shetland.gov.uk]
Sent: 10 April 2017 16:21
To: Scott T (Tavish), MSP <[REDACTED]>
Subject: RE: Tavish Scott MSP - constituent planning issue (Catherine hobbin

Dear Mr Scott

Planning Application 2017/060/PPF – to erect dwellinghouse, Bridge of Walls Shetland, by Miss C Hobbin
I acknowledge receipt of your e-mail below in connection with the above application for planning permission. You can see the correspondence and comments on the planning application on the Councils' web site at:
<https://pa.shetland.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=OM0X2ROAH4O00> .

I am the case officer for this application and earlier today I discussed the application with Miss Hobbin, and the possibility of appealing any decision that is made at officer level. The main issue raised by the Roads Service is that access proposed to be used for the house has insufficient emerging visibility for the approach speeds of vehicles on the main public road.

If you want any further information on the planning application or its progress please feel free to get in touch.

Regards

Janet Barclay Smith
Planning Officer
Shetland Islands Council
8 North Ness
Lerwick
Shetland
ZE1 0LZ

From: "Scott T (Tavish), MSP" <[REDACTED]>
Date: 10 April 2017 at 11:35:04 BST
To: <[REDACTED]>
Subject: Tavish Scott MSP - constituent planning issue (Catherine Hobbin - Application to build a dwelling house, Bridge of Walls, Shetland)

Dear Iain,

I understand from Catherine Hobbin that she submitted an application to build a dwelling house in Bridge of Walls in February. I further understand that SIC Roads are using their interpretation of roads guidance to object to this development.

The precise point on which the site would access the main road is that:

- a) A school bus stop used twice a day on school days
- b) A service bus stop used regularly
- c) The site of a post box so the post van stops daily
- d) Collection point for domestic refuse.

I am at a loss to understand why Catherine should be asked to pay for an upgrade of this road at the very point where many public services including the SIC are using the road for specific needs. I.e a bus stop. That was presumably sited with full knowledge of the prevailing road conditions.

If the Planning Department, based on roads advice, plan to refuse planning permission, could you please advise on the appeal process as Catherine would want this case put in front of the new Planning Board after the elections.

I would be grateful for your advice.

Regards,

Tavish

*Tavish Scott MSP
MSP for Shetland
Shetland Parliamentary Office
171 Commercial Street
Lerwick
Shetland
ZE1 0HX
Tel: [REDACTED]
Scottish Parliament
Edinburgh
EH99 1SP*

Section 5. Report of Handling

Delegated Report of Handling

Development: Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in block-work and rendered plus creation of associated access road and parking/turning area

Location: Bridge Of Walls, Shetland, ZE2 9NP

By: Miss Catherine Hobbin

Application Ref: 2017/060/PPF

1. Introduction

This is an application to construct a one and a half storey dwellinghouse on a site at the Bridge of Walls. The site lies to the north of the A971 and to the east of the Loch of Brouster. It is proposed that access to the site will be from an existing track that currently served two dwellings in this area.

There is no planning history for this site, however in 2002, planning permission was sought for the house to the north east of this site (Ref 2002/266/PCD) on the same croft as this proposed new house is on. The application was presented to the Planning Committee with a recommendation for refusal on the basis of road safety as there was substandard visibility at the junction of the access from the site with the public road. The Planning Committee approved the application on the basis that the applicant was already using the access in order to work the croft and on the basis that there would be improvements to the public road in the area in the future and therefore the lowered visibility would be for a temporary period only.

2. Statutory Development Plan Policies

Shetland Local Development Plan

GP1 - Sustainable Development
GP2 - General Requirements for All Development
GP3 - All Development: Layout and Design
H3 - All Housing Development
H5 - Siting and Design
TRANS 3 - Access and Parking Standards
WD2 - Waste Water
WD3 - SuDs
W5 - Waste Management Plans and facilities in all new developments
TRANS 3 - Access and Parking Standards

3. Safeguarding

Crofting Apportionments - Croft: 15194

Crofts - Holding ID: 13343

4. Consultations

Planning - Flooding Drainage Coastal was consulted on the 28 February 2017. Their comments dated 1 March 2017 can be summarised as follows:

Comments

To comply with the Water Framework Directive the drainage design should include sufficient attenuation to at least reduce flows during 1 in 10 year rainfall events to the level which would have occurred before the development. A suitably designed soakaway would meet this attenuation requirement.

Any SUDs device should be at least 5m from any house or public road or site boundary. The location shown appears to be acceptable.

During extreme rainfall events surface water flows may exceed the capacity of the drainage systems and back up, or flow over the ground. Flows from higher ground may also exceed the capacity of any cut off ditches or drains which may be proposed to protect the site.

The landscaping / ground levels on the sites should therefore be designed to ensure that these potential overland flows of water would not cause a flooding problem to the proposed or surrounding houses:- the site levels should guide water flowing over the ground away from properties and towards a suitable place for them to re-enter a drainage system.

There do not appear to be any site specific issues.

Roads Traffic was consulted on the 28 February 2017. Their comments dated 20 March 2017 can be summarised as follows:

**RECOMMEND REFUSAL - INADEQUATE VISIBILITY ONTO A971/
SUBSTANDARD ACCESS GRADIENT AND WIDTH JOINING A971**

Road Authority Comments:

1. The required visibility splays must be provided before any building works start on site and must be maintained during the course of the works and thereafter.

The applicant should show that they have control over any ground required to provide and maintain the required visibility splays.

a. A visibility splay of 2.5 metres by 120 metres must be provided to the east of the junction of the access with the public road. This is not available at present.

Only around 60 metres is available at present with little or no chance of improving this without the junction location being moved. Please note 120m is only for approach speeds of up to 44mph. During the recent site visit it would appear that free flowing traffic speeds are probably be faster than this.

b. A visibility splay of 2.5 metres by 120 metres must be provided to the west of the junction of the access with the public road. This is

available at present.

c. It does not appear that the required visibility splays can be achieved from the present access location.

2. No fence, wall, bushes or other potential obstruction to visibility should be permitted within 2.5 metres of the edge of the public road and within 1.5 metres of the edge of the proposed access road.

Adequate visibility splays are required to ensure that vehicles can enter the public road safely.

Adequate separation is required to ensure that conflicts between manoeuvring vehicles are minimised in the interests of safety.

3. The access shall be a minimum of 5.5 metres wide for at least the first 6 metres from the edge of the public road. This is not available at present.

This is required to allow a vehicle to exit the public road while another waits to enter.

4. The gradient of the access should not exceed 5% (slope of 1 in 20) for at least the first 6 metres from the edge of the public road. The initial access gradient should be no greater than 3 percent more or less than the crossfall/ camber of the public road at the junction. This is not available at present.

This is required to provide a safe stopping platform before entering the public road.

5. The access should be surfaced in bitmac or double coat hot tar surface dressing for at least the first 6 metres from the edge of the public road.

This is required to prevent damage to the road edge and minimise the possibility of loose material being dragged onto the public road.

6. The access should be designed in order that it does not shed surface water from the site onto the public road.

7. Site drainage should be designed, provided and maintained such that no surface water from the site shall be permitted to drain or run onto the public road or footway.

It is an offence under the Roads (Scotland) Act 1984 to allow water to shed onto the public road as it can create a significant hazard, particularly in winter.

8. The junction onto the public road shall be formed with 6 metre radiuses between the access and the public road edge.

This is required to prevent damage to the road edge and verges through over-running by turning vehicles.

9. That length of the access crossing the public road verge or footway must be constructed to the satisfaction of The Shetland Islands Council Roads Service. A Road Opening Permit must be obtained from The Shetland Islands Council Roads Service prior to carrying out any works to form an access onto the public road.

It is illegal to carry out works within or adjacent to the public road without first obtaining the necessary consents from the Roads Authority. This is a separate legal process from the Planning process.

10. Parking provision should be made within the site for a minimum of 3 cars.

11. Turning provision for cars should be made within the site in the form of a standard hammer head or a manoeuvring space of at least 7.6 metres by 7.6 metres in size.

Adequate parking and turning within the site is required in order to prevent safety or congestion issues being created on the public road in the vicinity of the development.

Technical Comments for Planning Service to Consider:

A. The access should be designed in accordance with the Private Access Guidance Document. This document can be found on the Roads Services section of the Council web site.

Design details required to be submitted in the form of a long-section indicating the proposed gradients, vertical curve lengths and existing and proposed ground levels. Chainages for each of these points will be required in order to check that the design is safe and convenient. In areas of cut and fill, side slopes should be indicated on the site plan to show the full extent of the earthwork proposals. Where appropriate cross-sections should be provided to show the relationship between cut and fill slopes and the public road extents.

Please note that the applicant contacted this office for pre-application advice and was advised on the 14th November 2016 that the access point did not meet the required minimum visibility distances.

Roads Traffic was consulted on the 27 March 2017. Their comments dated 29 March 2017 can be summarised as follows:

REFUSAL

Road Authority Comments:

I refer to the letter dated 26th March 2017 from the applicants Catherine Hobbins and Darren Smith in response to my consultation response dated 20th March.

In their letter the applicants indicated that the nearby bus stop is used by the service bus and therefore it must be safe. I would point out that it is only recently that the majority of bus stops have been assessed to ensure that they are safe. This was carried out as part of the review of school transport arrangements. This stop however was not included in that review.

However, the bottom line is that regardless of the quality or standard of the existing road infrastructure in the area the access proposed to be used for this development has insufficient emerging visibility for the approach speeds of vehicles on the main public road. While applicants cannot be held responsible for any historical deficiencies in the existing public road infrastructure, nor should they be able to cite these as grounds for not meeting the current standards required for their proposals.

Therefore any development which has the potential to significantly increase the level of traffic using this access needs to meet current design standards in order that it does not raise the accident risk

contrary to Council policy. A significant increase is taken to be an increase of over 10%. The potential to create an increase comes from a number of factors: a modern family house generates typically 7-10 trips per day through the year by its residents and deliveries, this is similar to the peak existing demand claimed for the lambing season - but which is only a small part of the year; also there is the possibility of the occupation of the new dwelling house and the operation of the croft ground being by different parties in the future.

I would point out that application 2002/266/PCD for an earlier house on this croft (the applicant's father?) also highlighted the lack of visibility on this access, and recommended a refused.

While the physical situation has not changed since 2002 and I would point out the Shetland Local Plan 2004 Policy LP H004 sections (h) and (i) refer to Appendices D and E, where Appendix E specifically refers to the need for adequate visibility splays. I would also highlight the recently adopted Council policy documents regarding the National Roads Development Guide and Local Variations where visibility splay requirements for roads in rural areas were confirmed under Para 3.1.7 (c) tables 8 and 9.

When the access and emerging visibilities are sub-standard, such as in this case, it is normal to look for an improvement to meet the required standards set out as in my previous consultation. In certain circumstances this may require a new access location to be sought.

Sandness & Walls Community Council Clerk was consulted on the 28 February 2017. Their comments dated 16 March 2017 can be summarised as follows:

The Sandness and Walls Community Council welcomes the erection of a new house in the area.

Scottish Water Customer Connections was consulted on the 28 February 2017. There was no response from this consultee at the time of report preparation.

5. **Statutory Advertisements**

The application was advertised in the Shetland Times on 31.03.2017

6. **Representations**

One representation has been received in connection with this application from Mr Tavish Scott MSP the main points of which are summarised as follows:

It is understood that the SIC Roads Service are using their interpretation of the roads guidance to object to this development:

The precise point on which the site would access the main road is that:
a) A school bus stop used twice a day on school days

- b) A service bus stop used regularly
- c) The site of a post box so the post van stops daily
- d) Collection point for domestic refuse.

I am at a loss to understand why the applicant should be asked to pay of an upgrade of this road at the very point where many public services including the SIC are using the road for specific needs, ie. a bus stop. That was presumably sited with full knowledge of the prevailing road conditions.

7. Report

Section 25 of the Town and Country Planning (Scotland) Act 1997 (as amended) states that:

Where, in making any determination under the Planning Acts, regard is to be had to the development plan, the determination is, unless material considerations indicate otherwise to be made in accordance with that plan.

There are statutory Development Plan Policies against which this application has to be assessed and these are listed at paragraph 2 above. The determining issues to be considered are whether the proposal complies with Development Plan Policy, or there are any other material considerations which would warrant the setting aside of Development Plan Policy.

The Shetland Local Development Plan (2014) (SLDP) is the current development plan for Shetland and contains policies that guide all new development. The SLDP's General Policies GP1 and GP3 set out the basic requirements for all development and require new development to be located within or adjacent to existing settlements that have basic services and infrastructure, and to be sited and designed to respect the character and local distinctiveness of the site and its surroundings. SLDP Policy GP2 sets out the general requirements for all development and its aim is to ensure that the development of the site will not have a detrimental impact on the surrounding natural or built environment and also to ensure that the site can be adequately serviced.

Policies on housing development H3 and H5 set a hierarchy for the development of sites for housing that establishes an order of development priorities aimed to create vibrant and sustainable communities, making the best use of existing infrastructure and avoiding the scattering of scarce resources, and isolated development in the open countryside. Development is supported by these policies if it fits well into the surrounding landscape and settlement pattern.

Policy H3 (All Housing Development) of the Shetland Local Development Plan (2014) states that new residential development should take place in Allocated Sites, Sites with Development Potential, Areas of Best Fit, on Brownfield Land or Undeveloped Land within

existing settlements in that order of desirability. It is considered that the location of the proposed house site complies with Policy H3 as although it is on undeveloped land it is located within an existing settlement at the Bridge of Walls where individual houses, some with ancillary buildings, have developed in a fairly scattered pattern. In terms of location, the proposed site reflects the scattered nature of the existing settlement in this area and in terms of design the proposed house is of a similar scale and proportion to its two nearest neighbours. In this respect the proposal complies with SLDP policies GP3 and H5. No sections drawings were submitted with the application. These would normally be required to demonstrate the extent of underbuilding and excavation required. The land slopes fairly steeply up to the site from the public road, however the house site itself sits on a plateau where there is less of a slope. It is probable that some form of excavation would be required to develop the house site and the access to it from the existing access track, however given the access issues this aspect was not pursued further during the assessment of the application's merits.

The layout and location of the site ensures that it will not sterilise any surrounding land and due to the distance between the proposed dwellinghouse and the neighbouring properties the amenities of the surrounding housing is safeguarded in terms of overlooking and overshadowing. In this respect the proposed development complies with the requirements of SLDP Policy GP2.

In terms of servicing, a septic tank and soakaway is proposed which is acceptable in this area as there is no public sewer system in the area and the area is not within a drainage hotspot as notified by SEPA. A surface water soakaway is also proposed and can be accommodated within the site. In this respect the proposal complies with policies WD2 and WD3 of the SLDP.

The main issue of concern in relation to the proposed development is that of road access as can be seen from the comments received from the Council's Roads Service in section 4 above. The Roads Service has pointed out that a visibility splay of 2.5 metres by 120 metres is required at the junction of the access serving the site with the public road. This is achievable at present to the west but to the east only around 60 metres of visibility is available with little or no chance of improving this without the junction being moved. The Roads Service advised that the 120 metre visibility splay is based on approach speeds of 44 mph and that during a recent site visit it appeared that free flowing traffic speeds are probably faster than this.

The Roads Service highlighted a number of other issues in connection with the existing access such as the width of the access, which needs to be increased to 5.5 metres for the first 6 metres back from the public road to allow a vehicle to exit the public road while another waits to enter, and the gradient of the access which is steeper than the required 5% for the first 6 metres from the edge of the public road. This is to provide a safe stopping platform before entering the public road.

The concerns raised by the Roads Service were passed on to the applicant, and the applicant was asked to consider submitting amended plans for the access to the site. During discussions the applicant indicated that no amended plans would be submitted and asked for the application to be determined on the basis of the original submitted plans. However the applicant did submit a letter containing points that she wanted the Planning Service to take into consideration during the assessment of the application. The main points raised are summarised as follows:

a) Road safety. The applicant and her partner currently use the existing access track and road junction to gain access to the croft on a daily basis. The junction on to the main public road enters into the existing bus stop. Therefore traffic using the junction enters the main road in the same way a bus at the bus stop would. This bus stop is also used by service buses, school buses, the post van and the public on a daily basis and the essey cart on a weekly basis.

The bus stop was improved a few years ago by setting it further back from the main road. At this time a decision could have been made to move the bus stop 100 metres down the road to the next passing place. As this was not done it must have been considered safe enough to maintain the bus stop and associated traffic in its existing location.

If this junction is not considered safe by the Roads Service perhaps mirrors could be installed as has been done elsewhere in Shetland.

b) New vs Existing Access. When researching the requirements for existing accesses little distinction was found between new roads and existing access roads. However Scottish guidance states that "all new accesses should be provided to the most appropriate standard. In addition, where a development generates a significant increase in traffic on to an existing access, it will be necessary to bring this access up to standard." The existing junction is used to access the croft on a daily basis and the road is used to visit a relative most days. At lambing time the junction could be used 8 to 10 times a day. If the applicant lived on the croft the use of the junction could be reduced as it would be used once to go to work and once to come home. Therefore there is no significant increase as the applicant and partner work the land surrounding the proposed house site.

It would also not be desirable to use any more of the croft than needed for a road as this would eat into valuable grazing land and the budget for the house.

c) Working Croft. The Crofters Commission recognise the need to live on the croft by awarding a grant for a croft house. Spending the grant money on a new road is not feasible nor the intended purpose. The Scottish Government also recognise the need to apply planning policies flexibly to meet the needs of local communities, with a key area being the retention of young people in rural communities. The

applicant has been trying to buy a property on the West side for a number of years but has been outbid on all occasions suggesting that there is not enough supply to meet demand. The proposed house is supported by the local Community Council as they recognise the need for more local houses. Without this building going ahead the applicant has indicated that there is a strong possibility that they would have to abandon the croft.

A copy of this letter from the applicant was passed to the Roads Service for further comment, the main points of which are summarised as follows:

- Regardless of the quality or standard of the existing road infrastructure in the area, the access proposed to be used for the development has insufficient emerging visibility for the approach speeds of vehicles on the main public road. While applicants cannot be held responsible for any historical deficiencies in the existing public road infrastructure, nor should they be able to cite these as grounds for not meeting the current standards required for their proposals.
- Any development which has the potential to significantly increase the level of traffic using this access needs to meet current design standards in order that it does not raise the accident risk contrary to Council policy. A significant increase is taken to be an increase of over 10%. The potential to create an increase comes from a number of factors: a modern family house generates typically 7-10 trips per day through the year by its residents and deliveries, this is similar to the peak existing demand claimed for the lambing season; also there is the possibility of the occupation of the new dwellinghouse and the operation of the croft by different parties in the future.
- The Roads Service also pointed out that application 2002/266/PCD for an earlier house on this croft also highlighted the lack of visibility on this access, and the Roads Service recommended refusal of this application. The Roads Service also highlighted the recently adopted Council policy documents regarding the National Roads Development Guide and Local Variations where visibility splay requirements for roads in rural areas are confirmed. When the access and emerging visibilities are substandard, such as in this case, it is normal to look for an improvement to meet the required standards set out in the consultation comments from the Roads Service. In certain circumstances this may require a new access location.

Policy TRANS3 of the Shetland Local Development Plan (2014) (SLDP) states that all developments should provide a safe and adequate access, visibility splay and turning area as set out in Supplementary Guidance - Residential Access (superseded by the most recent document adopted by the Council on road requirements in Shetland : National Roads Development Guide and Local Variations).

This requires a visibility splay of 2.5 metres by 120 metres to ensure safe access/exist for vehicles using the access track. The Roads Service has pointed out that only about 60 metres of visibility is currently available from the existing access. As the visibility splay for a safe access is not achieved for this proposed new development, the planning application is contrary to Policy TRANS3 of the SLDP

Policy GP2 sets out the general requirements for all developments and includes the following requirements:

- That suitable access, car parking and turning should be provided;
- That new development should not compromise acceptable health and safety standards or levels; and
- That new development should not have a significant adverse impact on existing users.

Again as the proposed visibility splay for a safe access is not achieved at the existing access, the proposed development cannot meet the above requirements of SLDP Policy GP2.

As well as the issue of the visibility splay, the other points in connection with the standard of the existing access as highlighted by the Roads Service in terms of the width and the gradient of the access for the first 6 metres from the edge of the public road have not been addressed in this application and again have an adverse impact on the safety of the access for the increase in traffic that will result from the proposed new house on this site and again this makes the proposal contrary to policies GP2 and TRANS3 of the SLDP due to the impact on road safety.

A decision to refuse the application because the proposal would impact on road safety, principally because a visibility for a safe access is not achieved in the location proposed. would be consistent with the decision made by the Local Review Body in November 2016 to uphold the decision made by the appointed officer to refuse planning permission for a proposal to construct a dwelling house and access: East Of Floodens, Laxo, Vidlin, (Planning Application Ref: 2015/445/PPF) for the reason that it did not comply with SLDP Policy TRANS3. In that case there was a visibility splay of 2.5 metres by 160 metres required, but a splay of 148 metres was what was achievable.

The applicant has indicated that the proposed house is to be built on a croft and will be needed to work the croft. The applicant's croft comprises land on both sides of the public road in this location and therefore the applicant has control of the land that would be needed to create a new access into the site. Although an alternative location is available for a new access, the applicant wishes to pursue the application as submitted.

It should be noted that when the 2002 application for an existing house on this croft was considered, the applicant then indicated that the proposed house was needed for the future running of this croft. This

application now proposes a second house on this croft required for the management of the croft.

It is considered that whilst the proposed location for a dwellinghouse is acceptable in terms of the settlement pattern, and the proposed design fits well into the surrounding landscape, the application is unacceptable due to the road access issues arising. It has not been demonstrated that the required visibility splays can be achieved, and the access would need to be widened and the gradient improved and as such the proposal will cause a roads safety issue and so does not comply with all the policies outlined in section 2 above.

8. Recommendation

Application Refused

Reasons for Council's decision:

(1.) Whilst the proposed location for a dwellinghouse is acceptable in terms of the settlement pattern, and the design fits well into the surrounding landscape, the application is unacceptable as the proposed access into the site is unsafe. It has not been demonstrated that the required visibility splays can be achieved, and the access would need to be widened and the gradient improved, and as such the proposal will cause a road safety issue and so does not comply with policies GP2 and TRANS3 of the Shetland Local Development Plan (2014).

9. List of refused plans:

- Site & Location Plan Drawing No. ARCH/SP01
Stamped Received. 27.02.2017
- Elevations Drawing No. ARCH/PP02
Stamped Received. 27.02.2017
- Floor Plan and Section Drawing No. ARCH/PP01
Stamped Received. 27.02.2017

10. Further Notifications Required

The representee requires to be notified of the decision on this application.

11. Background Information Considered

Planning permission 2002/266/PCD
Planning file 2015/445/PPF

2017/060/PPF_Delegated_Refusal_Report_of_Handling.doc
Officer: Janet Barclay Smith
Date: 24th April 2017

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Section 6. Decision Notice



SHETLAND ISLANDS COUNCIL

Town and Country Planning (Scotland) Acts

With reference to the application for **Planning Permission** (described below) under the above Acts, the Shetland Islands Council in exercise of these powers hereby **REFUSE Planning Permission** for the development in accordance with the particulars given in, and the plans accompanying the application as are identified subject to the reasons specified below.

Applicant Name and Address

Miss Catherine Hobbin
Mondavista
Walls
Shetland
United Kingdom
ZE2 9PB

Reference Number: 2017/060/PPF

Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in block-work and rendered plus creation of associated access road and parking/turning area: Bridge Of Walls, Shetland, ZE2 9NP

Details of Refused Plans and Drawings:

- Site & Location Plan Drawing No. ARCH/SP01
Stamped Received. 27.02.2017
- Elevations Drawing No. ARCH/PP02
Stamped Received. 27.02.2017
- Floor Plan and Section Drawing No. ARCH/PP01
Stamped Received. 27.02.2017

Reasons for Council's decision:

Whilst the proposed location for a dwellinghouse is acceptable in terms of the settlement pattern, and the design fits well into the surrounding landscape, the application is unacceptable as the proposed access into the site is unsafe. It has not been demonstrated that the required visibility splays can be achieved, and the access would need to be widened and the gradient improved, and as such the proposal will cause a road safety issue and so does not comply with policies GP2 and TRANS3 of the Shetland Local Development Plan (2014).

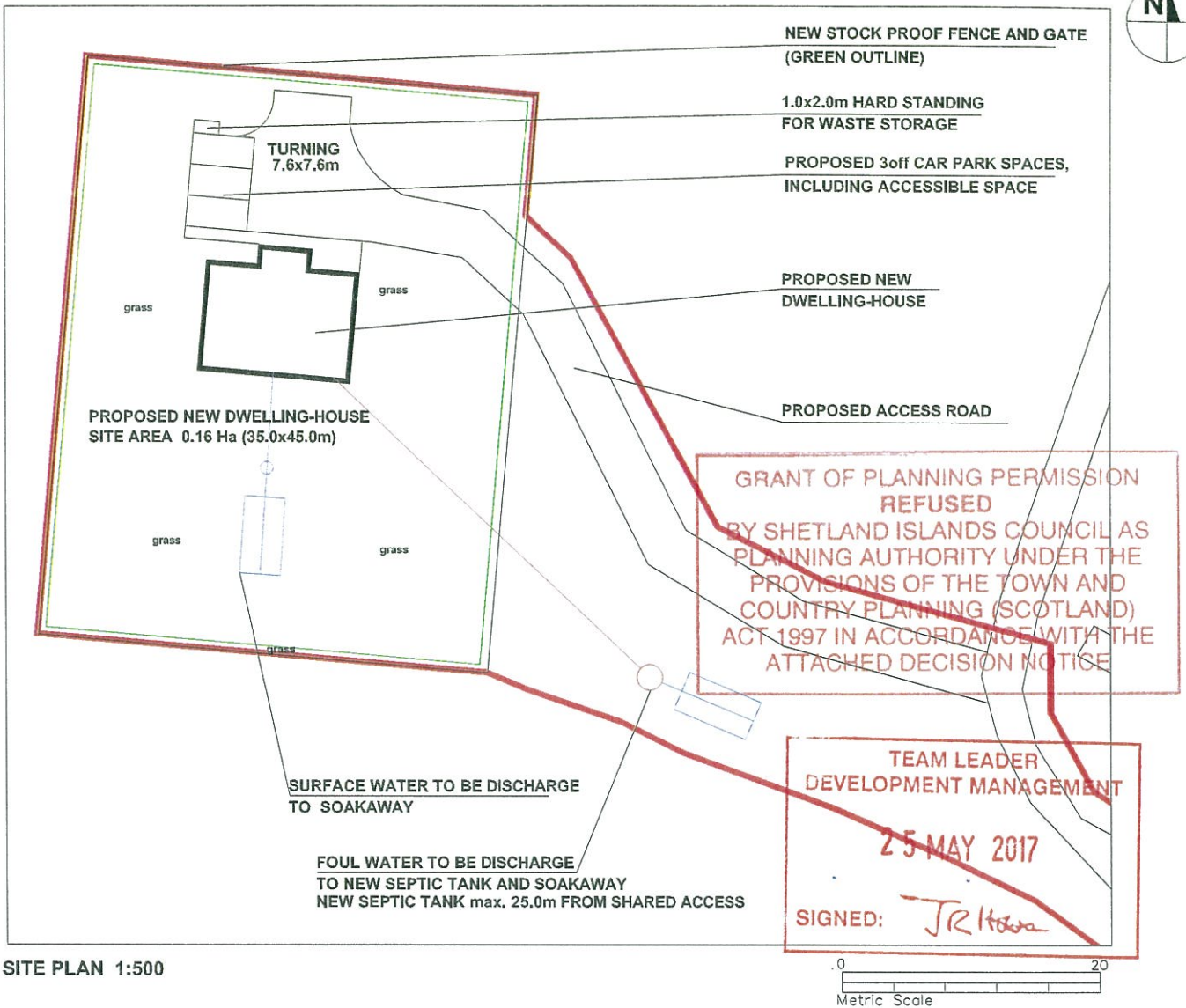
25 May 2017


Executive Manager

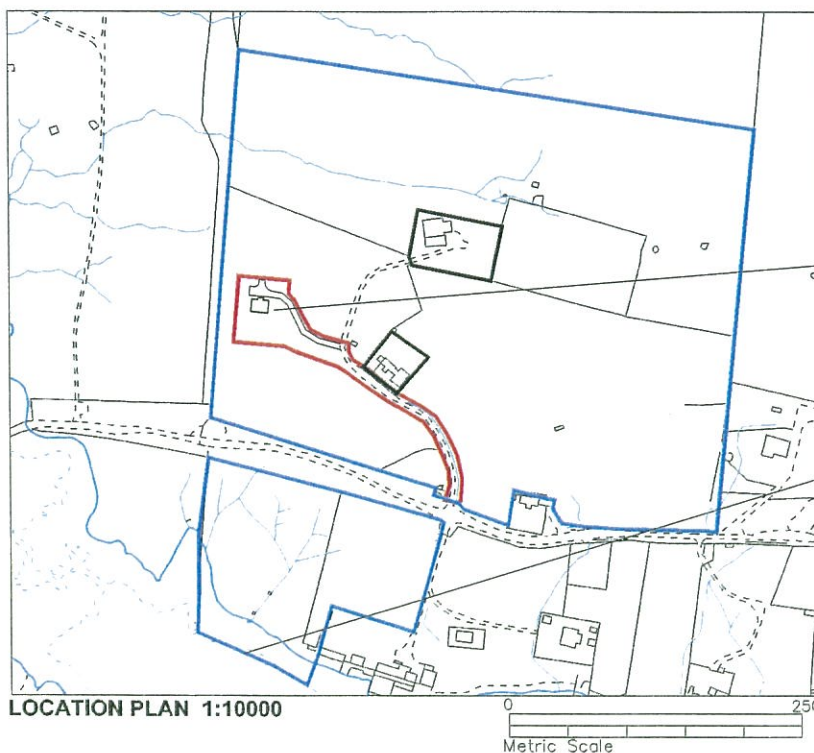
IMPORTANT INFORMATION

If you are aggrieved by the decision of the planning authority to refuse permission for or approval required by a condition in respect of the proposed development, you may require the planning authority to review the case under section 43A of the Town and Country Planning (Scotland) Act 1997 within 3 months from the date of this notice. The notice of review should be addressed to: Shetland Islands Council, Planning, Development Services Department, 8 North Ness Business Park, Lerwick, Shetland, ZE1 0LZ. The necessary form can be obtained upon request from the same address.

If permission to develop land is refused or granted subject to conditions and the owner of the land claims that the land has become incapable of reasonably beneficial use in its existing state and cannot be rendered capable of reasonably beneficial use by the carrying out of any development which has been or would be permitted, the owner of the land may serve on the planning authority a purchase notice requiring the purchase of the owner of the land's interest in the land in accordance with Part 5 of the Town and Country Planning (Scotland) Act 1997.



SITE PLAN 1:500



LOCATION PLAN 1:10000



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INVESTOR: HOBBS & SMITH

HOME: POINT 150E

SCALE:1:500/10000 VER:2

DATE 1 03.12.2016 DATE 3

DATE 2 24.02.2017 DATE 4

DRAWING: SITE & LOCATION PLAN

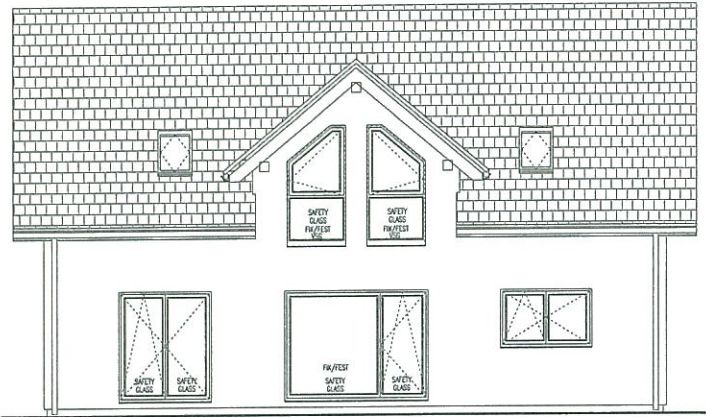
ARCH GB

DRAWING NO: ARCH/ SP01 /2016

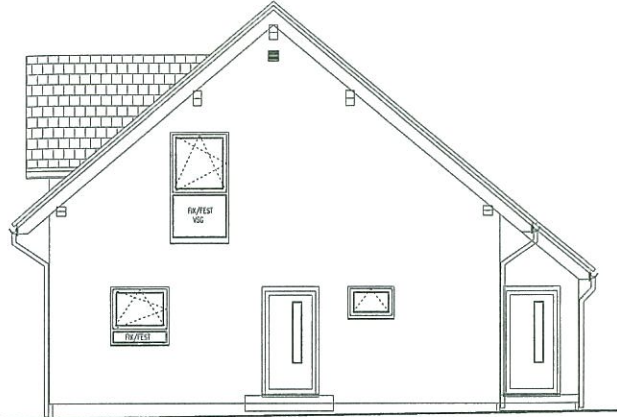
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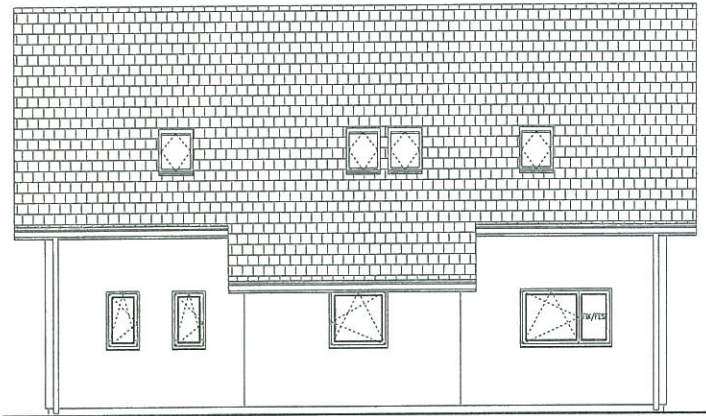
VALID FROM 20.05.2015



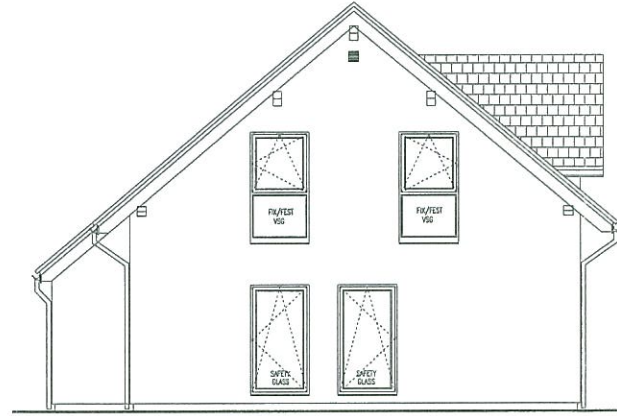
SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION



WEST ELEVATION

GRANT OF PLANNING PERMISSION
REFUSED
BY SHETLAND ISLANDS COUNCIL AS
PLANNING AUTHORITY UNDER THE
PROVISIONS OF THE TOWN AND
COUNTRY PLANNING (SCOTLAND)
ACT 1997 IN ACCORDANCE WITH THE
ATTACHED DECISION NOTICE

TEAM LEADER
DEVELOPMENT MANAGEMENT

25 MAY 2017

SIGNED: *JR H*

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INVESTOR: HOBBIN
HOME: POINT 150E
SCALE: 1:100 VER:1
DATE 1 24.02.2017 DATE 3
DATE 2 DATE 4
DRAWING: ELEVATIONS
ARCH GB T.RYDIECKI



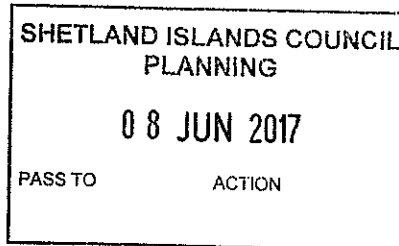
DRAWING NO: ARCH/ PP02/8778/2016
ARCH PL Marta Korpacz

VALID FROM 20.05.2015

Section 7. Notice of Review



Development Services Department
Shetland Islands Council



FOR OFFICIAL USE ONLY

Ref No:

Date of Receipt:

NOTICE OF REVIEW

UNDER SECTION 43A(8) OF THE TOWN AND COUNTRY PLANNING (SCOTLAND) ACT 1997 (AS AMENDED)
IN RESPECT OF DECISIONS ON LOCAL DEVELOPMENTS

THE TOWN AND COUNTRY PLANNING (SCHEMES OF DELEGATION AND LOCAL REVIEW PROCEDURE)
(SCOTLAND) REGULATIONS 2013

THE TOWN AND COUNTRY PLANNING (APPEALS) (SCOTLAND) REGULATIONS 2013

IMPORTANT: Please read and follow the guidance notes provided when completing this form.
This form is only to be used in respect of decisions on proposals in the local development
category. Failure to supply all the relevant information could invalidate your notice of review.

Use BLOCK CAPITALS if completing in manuscript

1. Applicant(s)

Name Catherine Hobbin / Darren Smith

Address Mondavista
Walls
Shetland

Postcode ZE2 9PB

Contact Telephone 1 [REDACTED]

Contact Telephone 2 [REDACTED]

Fax No [REDACTED]

E-mail* [REDACTED]

2. Agent (if any)

Name [REDACTED]

Address [REDACTED]

Postcode [REDACTED]

Contact Telephone 1 [REDACTED]

Contact Telephone 2 [REDACTED]

Fax No [REDACTED]

E-mail* [REDACTED]

Mark this box to confirm all contact should be
through this representative: ☐

* Do you agree to correspondence regarding your review being sent by e-mail?

Yes No
☒ ☐

3. Application Details

Planning authority's application reference number

2017/060/PPF

Site address

Bridge of Walls, Shetland, ZE2 9NP

Description of proposed development

Build croft house

Date of application

27/02/2017

Date of decision (if any)

25/05/2017

Note. This notice must be served on the planning authority within three months of the date of the decision notice or from the date of expiry of the period allowed for determining the application.

4. Nature of application

1. Application for planning permission (including householder application) ☒
2. Application for planning permission in principle ☐
3. Further application (including development that has not yet commenced and where a time limit has been imposed; renewal of planning permission; and/or modification, variation or removal of a planning condition) ☐
4. Application for approval of matters specified in conditions ☐

5. Reasons for seeking review

1. Refusal of application by appointed officer ☒
2. Failure by appointed officer to determine the application within the period allowed for determination of the application ☒
3. Conditions imposed on consent by appointed officer ☐

6. Review procedure

The Shetland Islands Council Planning Local Review Body will determine your review by the holding of one or more public hearing sessions.

In the event that the Local Review Body decides to inspect the review site during the determination of your review, in your opinion:

- | | Yes | No |
|--|-------------------------------------|-------------------------------------|
| 1. Can the site be viewed entirely from public land? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is it possible for the site to be accessed safely, and without barriers to entry? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

If there are reasons why you think the Local Review Body would be unable to undertake an unaccompanied site inspection, please explain here:

I would request accompanied then any queries and misunderstandings can be avoided

7. Statement of Grounds of Review

You must state, in full, why you are seeking a review on your application. Your statement must set out all matters you consider require to be taken into account in determining your review. Note: you may not have a further opportunity to add to your statement of review at a later date. It is therefore essential that you submit with your notice of review, all necessary information and evidence that you rely on and wish the Shetland Islands Council Planning Local Review Body to consider as part of your review.

If the Local Review Body issues a notice requesting further information from any other person or body, you will have a period of 14 days in which to comment on any additional matter which has been raised by that person or body.

State here the reasons for your notice of review and all matters you wish to raise. If necessary, this can be continued or provided in full in a separate document. You may also submit additional documentation with this form.

Provided on separate documentation

8. New Matters

Have you raised any matters which were not before the appointed officer at the time the determination on your application was made?

Yes ☐ No ☒

If yes, you should explain in the box below, why you are raising new material, why it was not raised with the appointed officer before your application was determined and why you consider it should now be considered in your review.

9. List of documents and evidence

Please provide a list of all supporting documents, materials and evidence which you wish to submit with your notice of review and intend to rely on in support of your review.

Appeal Statement for section 7

Email chain showing previous discussion in 2014 on possible house sites.

Correspondence from the planning department showing the current plot was the one recommended by the planning department.

Letter from Tavish Scott MSP

Note. The planning authority will make a copy of the notice of review, the review documents and any notice of the procedure of the review available for inspection at an office of the planning authority until such time as the review is determined. It may also be available on the planning authority website.

10. Checklist

Please mark the appropriate boxes to confirm you have provided all supporting documents and evidence relevant to your review:

- ☒ Full completion of all parts of this form
- ☒ Statement of your reasons for requiring a review
- ☒ All documents, materials and evidence which you intend to rely on (e.g. plans and drawings or other documents) which are now the subject of this review.

Note. Where the review relates to a further application e.g. renewal of planning permission or modification, variation or removal of a planning condition or where it relates to an application for approval of matters specified in conditions, it is advisable to provide the application reference number, approved plans and decision notice from that earlier consent.

Declaration

I the applicant/agent [delete as appropriate] hereby serve notice on the planning authority to review the application as set out on this form and in the supporting documents.

Signed

Catherine Hobbin Darren Smith

Date

07/June/2017

Please send this completed form to:

Shetland Islands Council Planning Local Review Body, c/o Planning, Development Services Department, c/o Train Shetland, North Gremista Industrial Estate, Lerwick, Shetland, ZE1 0PX.

Telephone:01595 744293 e-mail:development.management@shetland.gov.uk Visit:www.shetland.gov.uk

Statement of Grounds of Review

SHETLAND ISLANDS COUNCIL
PLANNING

08 JUN 2017

PASS TO

ACTION

We are appealing to the planning committee today to give you the opportunity to look into our submitted plans for a croft house and make a decision based not just on the interpretations of the roads department to planning guidance but the wider outcome of a refusal to us.

You have within the gift of your position the ability to overturn the planning department's refusal of our plans to build a home and life at the Bridge of Walls. An area my family have crofted for generations. Crofting as you know is a difficult but rewarding task, one which I'm trying to keep going, but have been hit with yet another hurdle, one which I ask for your help in resolving.

The roads department are interpreting the Scottish governments term of 'significant increase' on existing access roads to be a 10% increase, we would argue that the Scottish government specifically refrained from using a specific value in order for there to be sensible flexibility. This value means they can use their interpretation of planning guidance to enforce road specifications designed for brand new access roads where there was not one previously in almost all planning situations. We have stated time and again that as we already use this road personally on a daily basis for the working croft and family visits, we dispute the classification by roads that we are creating a 'significant increase'.

Planning have, in their refusal document, attempted to persuade us from appealing by citing a recent appeal case whereby the previous planning committee upheld the refusal, inferring we would be unwise to pursue the matter. That case did not involve an existing access road or a croft house grant for a working croft which we believe are significant differences.

You will hear from the planning department that we should close off an access road that has been in use since the horse and cart, access to my Dads house since 2002 and a road that's currently used by our neighbour Sue Beer and her family, since the 1970's. A road we use each day already to check on the Sheep or visit my Dad and his family. A road I have used in one way or another all my life and to scar the landscape with a new expensive road, one which meets their interpretation of the requirements on width, visibility and gradients, concreting over large sways of valuable grazing ground to conform. A road which we can neither afford, see the requirement for, nor indeed if it's even technically possible with the gradient.

Our concerns are also shared by Tavish Scott MSP who took the time to write to the planning department expressing his 'loss to understand' the requirements requested.

You will also hear from the planning department that we have other land on which to build a house or access road on the other side of the public road, suggesting we are being obtuse with our position. The croft on the other side of the road uses an access road that is directly opposite our proposed exit, it has exactly the same concerns regarding visibility. It is mostly below the 5 meter water line and it is also the location of the proposed new SIC main road, cutting right through it. Neither is it of use to provide a better access road to the land on the opposite side of the public road, so I'm unsure why this was suggested. Despite discussions with the department they still maintain this view. I welcome a visit to our croft by the committee, as I see no alternate location. I strongly object to the planning officer's conjecture that we have simply decided on this plot and not considered other options, I draw your attention to attached correspondence with planning going back several years discussing locations both above and below the main road, with us asking for a site visit to help us, which was not forthcoming.

We did intend on building higher up the hill, albeit still accessed with the existing access road. This however was decided for us by a neighbour installing a wind turbine. Planning didn't inform us as it was not close enough to our land to be required, but has sterilised our land around it, from a

Statement of Grounds of Review

planning permission point of view to the extent that we can no longer build on that land. We did object of course to the noise which on a windy day sounds like a military invasion with a Chinook landing, the SIC dispatched an official on a calm, windless day and assessed it to be acceptable!

We applied for the Croft House Grant Scheme based upon the now disputed location, which was graciously awarded, without which we simply cannot afford to build a house, we really are on a knife edge regards costs. Buying a property locally has proved fruitless, they either don't come up for sale or those that do we have been outbid on several occasions. The crofting commission was accepting of our 10 year business plan for our continued working of the croft.

The planning department suggests in their response that this will be a second property for managing the croft. This is an incorrect assumption. My dad has retired; I am the tenant crofter and have been for some years now. My dad has no intention of selling his property to the croft, and why should he, and indeed since retiring, has gone on to remarry and start a new family having 2 school age children. For the benefit of any confusion neither I nor my partner has ever lived in this property.

However, the basis given for approving my dad's house by the previous planning committee are all still relevant for this application, indeed since then the SIC have widened the road at the bus stop which is where we exit the disputed road and demolished a property on the other side of the road. In setting the bus stop further back from the road, a decision could have been made to move the bus stop a hundred meters or so down the road to the next passing place. As this was not done it must have been considered safe enough to maintain the bus stop and associated traffic in its existing location. If the SIC deem it suitable for a school bus to stop directly around the corner, we question why such stringent policies are being applied to our use of the existing access road in this same location.

That previous successful appeal was 15 years ago, there have been no road incidents related to the increased use of this access road or indeed the access road at all and whilst improvements to the main road are still planned, time has shown that concerns over the access road were not as grave as the planning department had painted a picture of. Indeed taking the highway code into account, specifically Rule 146; *Take the road and traffic conditions into account. Be prepared for unexpected or difficult situations, for example, the road being blocked beyond a blind bend. Be prepared to adjust your speed as a precaution.* Anything could be around a blind corner, drivers in rural locations know this, especially with sheep and tractors often causing a hazard, one does not enter a blind corner at a speed that they would not be able to stop to avoid a potential obstruction. In doing so would risk lives and their licence.

The croft house grant (£37000) is only payable if we don't already have a house, due to our age(35 & 40) we need to get on the mortgage ladder now in order to pay it off before retirement. We wasted a year getting quotes for the land which is now right next to the wind turbine (planning won't let us build there) We have spent years trying to get an acceptable build price and a builder to actually do the work, if this house does not get permission there is the very real prospect that we have to admit defeat and abandon the croft and move to another location.

We appeal to the committee to take into account our views above and the Scottish Planning Policy(2014) stating; *In remote and fragile areas and island areas outwith defined small towns, the emphasis should be on maintaining and growing communities by encouraging development that provides suitable sustainable economic activity, while preserving important environmental assets such as landscape and wildlife habitats that underpin continuing tourism visits and quality of place.*



Correspondence ref: 2014/167/PREAPP - Relating to potential house sites in Walls

3 messages

Dawn.Stewart@shetland.gov.uk <Dawn.Stewart@shetland.gov.uk>

24 July 2014 at 10:59

To: [REDACTED]

Dear Mr Smith

I refer to the your recent correspondence to this office requesting a site meeting to identify a suitable house plot in Walls.

However, please note that the best way for the Planning Service to establish whether or not there are any issues with a particular site, is for us to undertake a safeguarding check via our GIS system. As such, it would be appreciated if you could please submit a scaled site/location plan to this office which clearly identifies the plots you have in mind, following which more comprehensive advice on the specifics of any given site can be provided.

This process constitutes a pre-application process. No fee is charged for this service, however it does constitute informal officer advice which will not prejudice the outcome of any future planning application that is made, or any decision taken by the Planning Committee.

Should you have any queries about the above, please do not hesitate to contact me.

Regards

Dawn Stewart

Planning Officer – Development Management

Tel: 01595 744817

Email: dawn.stewart@shetland.gov.uk



This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>

Darren Smith [REDACTED]
To: Dawn.Stewart@shetland.gov.uk
Cc: Jonny.Wiseman@shetland.gov.uk

5 August 2014 at 22:25

Hi Dawn

I have attached 2 scale drawings indicating 2 possible house sites as requested.

I would have preferred a visit by Jonny Wiseman as he indicated that he would be happy to come onsite and take a look when I spoke with him in March, regarding the issue with a local wind turbine that had scuppered our plans for a house site - the reason being that there are various issues that I think may affect a house placement. Closeness to power lines, mains water pipes under ground and the high water mark for the lower house site. I'd rather know now at an early stage if obvious issues can be avoided, but equally we don't have any other places left on the croft that I would like to build on.

I'd be grateful if you could let me know when I might hear back from you with further progress.

regards

Darren Smith

[Quoted text hidden]

2 attachments



house1.jpg
214K

Prospective House Site #1



Prospective House Site #2

house2.jpg
220K

Dawn.Stewart@shetland.gov.uk <Dawn.Stewart@shetland.gov.uk>

6 August 2014 at 10:29

To: [REDACTED]

Hi Darren

Please also note that Jonny is currently off sick at the moment as he is recovering from a major operation, therefore I wasn't familiar with the previous planning history.

Thanks for the attached plans and note that I will get back to you as soon as is possible once I've had the opportunity to undertake a safeguarding check on both sites.

Regards

Dawn Stewart

Planning Officer – Development Management

Tel: 01595 744817

2017-6-7

[REDACTED] - Correspondence ref: 2014/167/PREAPP - Relating to potential house sites in Walls

Email: dawn.stewart@shetland.gov.uk

From: Darren Smith [REDACTED]

Sent: 05 August 2014 22:25

To: Stewart Dawn@Development Service

Cc: Wiseman Jonny@Development Service

Subject: Re: Correspondence ref: 2014/167/PREAPP - Relating to potential house sites in Walls

[Quoted text hidden]

[Quoted text hidden]



Shetland Islands Council

Executive Manager: Iain S McDiarmid
Director: Neil Grant

Darren Smith



Planning Service
Development Services
8 North Ness Business Park
Lerwick
Shetland
ZE1 0LZ

Telephone: 01595 744293
www.shetland.gov.uk

If calling please ask for:
Dawn Stewart
Planning Officer
Dawn.Stewart@shetland.gov.uk
Direct Dial: 01595 744817

Our Ref: 2014/167/PREAPP

Date: 8 August 2014

Dear Sir

Town and Country Planning (Scotland) Act 1997 (as amended)

Development	Potential house sites
Location	Bridge Of Walls, Shetland, ZE2 9NP,
Applicant Name	Darren Smith

I refer to the above pre-application enquiry in relation to the above proposed development and following a safeguarding check on both sites identified, in conjunction with consideration of current policy content, I can respond as follows.

Zoning

Both sites proposed for development are situated within a Zone 2 area of the Bridge of Walls where applications for individual new dwellinghouses will be favourably considered, provided that the proposed development:

- is sited to reflect the character, style, pattern and density of the surrounding area;
- can satisfy all of the general requirements for new dwellinghouses outlined in Shetland Local Plan (2004) Policy LPHOU4; and
- the site is not classed as grade 4.2 or 5.1 agricultural land, if there is poorer quality land in the general area that can reasonably be developed.

I can confirm that the site has been classed as 5.2 land and is therefore not considered to be best quality agricultural land.

Siting and Design

The Council requires developers and their agents to produce a high standard of appropriate design, in terms of siting, layout, scale, colour, materials and form, for all new developments (including roads and other engineering works) in accordance with the design principles set out in Appendix F of Shetland Local Plan (2004). For any new dwellinghouse to sit happily within the landscape or group of existing buildings, the materials and detailing should be compatible with the traditions of the area and be sympathetic to the landscape. The orientation and actual positioning of the proposed dwellinghouse should also be given careful consideration so as to maximize passive solar gain.

Any new dwellinghouse should be positioned on the level part of the site/follow the contours of the land and should avoid any excessive underbuilding, particularly underbuilding to provide garages or other useable space. Details of any excavation or levelling must be submitted with any application and section drawings should indicate the existing and proposed levels within the site.

Privacy in the home is something that everyone has a right to expect and therefore new development needs to be carefully designed and sited to ensure that privacy is maintained. For information, please note that no main window of a habitable room (i.e. all rooms except bathrooms and hallways) within a dwellinghouse shall overlook the main windows of habitable rooms in neighbouring dwellinghouses at a distance of 25 metres in rural areas. These standards can be relaxed in some situations where the angle of vision or the design of the windows allows privacy to be maintained.

Householders can also legitimately expect a reasonable amount of direct daylight and sunlight into all or at least some living room windows. When considering a site for a new house, applicants should ensure that the house will not significantly affect daylight and direct sunlight to existing neighbouring properties.

Access, Parking and Turning

I have not consulted with our Roads Services on this pre-application enquiry given that formal consultation may be undertaken through the processing of any subsequent application received. Prior to submitting any application for planning permission however, you are advised to contact Roads Services to obtain advice in relation to the best point of access into the site. Please contact Brian Halcrow or Colin Gair on 01595 744866 to discuss.

Any new dwellinghouse must provide as a minimum within the site:

- a turning area, either of a hammerhead design or measuring 7.6m x 7.6m
- car parking at a rate of 2 spaces for dwellinghouses up to three bedrooms, 3 spaces for dwellinghouses with four or more bedrooms. A parking space measuring a minimum of 2.5m x 4.5m is the recommended minimum size.

Drainage

Any application must identify the location and details of surface water drainage. The Council supports the use of Sustainable Drainage Systems (SuDS) which filter surface water runoff: SuDS being an environmentally acceptable alternative to the more traditional use of culverts or discharge to an existing roadside ditch. Details should be submitted with the application which identifies:

- the location and specification of the SuDS proposal; and
- schematic drawing indicating the connections to the SuDs proposal (dwellinghouse and hard surfaces within the development site).

If an alternative scheme is proposed details should be submitted which include:

- a schematic drawing indicating the connections to any culverts/roadside ditch (dwellinghouse and hard surfaces within the development site); and
- a supporting statement indicating why a SuDs scheme is not appropriate at this location.

Conclusion

As regards 'Plot 1' (located immediately to the rear of Bridge of Walls House's boundary), please note that this site appears to lie below the 5 metre contour line, meaning a flood risk assessment would probably be required in conjunction with any future planning application made. As such, I consider that 'Plot 2' (situated to the west of the Hole in the Wall may be technically more feasible to develop upon and would perhaps better reflect the existing settlement pattern in this general area.

However it should be noted that this is informal officer advice only and should not prejudice the consideration of any application which you subsequently make, or any decision taken by the Planning Authority.

Please do not hesitate to contact me at the above address should you require any further information.

Yours faithfully

Dawn Stewart
Planning Officer – Development Management

2014-167-PREAPP_Dwg_Bridge-of-Walls_2.doc

Section 8. Representations / Hearing Statements

MEMO

To: Development Management
Planning Services
FAO: John Holden

From: Roads

If calling please ask for
Brian Halcrow
Direct Dial: 4883

Medium: email
Our Ref: BH/YJY/R/G2/SW
Your Ref: 2017/060/PPF – LR29

Date: 24th July 2017

The Town and Country Planning (Schemes of Delegation and Local Review Procedure) (Scotland) Regulations 2013

Local Review Ref: 2017/060/PPF – LR29 – Erection of a 1.5 storey 4 bedroom timber framed dwelling, externally clad in blockwork and rendered plus creation of associated access road and parking/turning area: Bridge of Walls, Shetland ZE2 9NP

Applicant: Miss Catherine Hobbin

Planning Application Ref: 2017/060/PPF

I refer to your memorandum dated 11th July regarding the review of the above planning application.

It is my intention to have a representative at this hearing who, at this point in time, shall be Mr Colin Gair. In addition to Mr Gair's presence I would also like to submit two traffic counts taken at the location that were used to determine the required visibility splays. The counts were taken at the bus stop just to the east of the access. The other at the point where visibility is compromised at the bend of the road in front of the house named Mara Lee, some 60 metres to the east of the junction leading to the development.

The counter at Mara Lee indicates that the 85 percentile speed for west bound vehicles is an average of 34 mph which would fall into the 90 metres visibility splay requirement.

At the junction of the access near the bus stop the 85 percentile speed for west bound vehicles is an average of 40 mph which would require a 120 metre visibility splay to be provided.

In terms of the application, the requirement can change to 90 metres visibility splay to the east of the junction; however this still cannot be achieved as only 60 metres is available.

Executive Manager, Roads

Enc

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

Page 1

Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/13/1															
7	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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06:00	0	0	0	0	0	1	4	0	0	0	0	0	0	0	5
07:00	2	1	1	0	8	4	2	1	0	0	0	0	0	0	19
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18:00	0	1	0	4	3	8	11	1	0	0	0	0	0	0	28
19:00	2	1	0	3	5	7	3	0	0	0	0	0	0	0	21
20:00	1	0	1	1	6	7	9	2	0	0	0	0	0	0	27
21:00	0	0	1	0	6	6	1	1	0	0	0	0	0	0	15
22:00	0	0	0	0	3	5	2	1	1	0	0	0	0	0	12
23:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
Total	27	14	18	57	142	113	59	8	1	0	0	0	0	0	439

Daily

15th Percentile : 25 MPH
 50th Percentile : 33 MPH
 85th Percentile : 40 MPH
 95th Percentile : 43 MPH

Mean Speed(Average) : 33 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 255
 Percent in Pace : 58.1%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

Roads Service

Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 007

Station ID:

A971, Access to Hole in Wall & Bethesda

Bridge of Walls, @ Bus Stop, Ch1 W

Latitude: 0° 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/14/1															
7	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
07:00	0	0	1	1	6	7	7	0	0	0	0	0	0	0	22
08:00	0	0	0	3	4	5	3	2	0	0	0	0	0	0	17
09:00	0	1	0	7	11	7	3	0	0	0	0	0	0	0	29
10:00	0	1	1	6	9	11	2	0	0	0	0	0	0	0	30
11:00	1	1	1	8	7	8	3	0	0	0	0	0	0	0	29
12 PM	1	0	2	9	13	14	1	0	0	0	0	0	0	0	40
13:00	4	1	2	3	7	4	4	0	0	0	0	0	0	0	25
14:00	2	1	2	4	10	9	3	1	0	0	0	0	0	0	32
15:00	4	0	4	5	13	7	1	0	0	0	0	0	0	0	34
16:00	1	0	2	6	17	16	5	1	0	0	0	0	0	0	48
17:00	2	0	0	1	17	14	14	1	1	0	0	0	0	0	50
18:00	2	1	4	3	22	13	1	2	0	0	0	0	0	0	48
19:00	0	0	0	3	8	10	3	0	1	0	0	0	0	0	25
20:00	1	0	1	0	3	2	1	0	0	0	0	0	0	0	8
21:00	0	0	0	0	4	3	2	0	0	0	0	0	0	0	9
22:00	1	0	1	0	2	2	1	1	0	0	0	0	0	0	8
23:00	1	0	0	1	1	1	1	0	0	0	0	0	0	0	5
Total	20	6	21	60	155	136	56	9	2	0	0	0	0	0	465

Daily

15th Percentile : 26 MPH
50th Percentile : 34 MPH
85th Percentile : 39 MPH
95th Percentile : 43 MPH

Mean Speed(Average) : 34 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 291
Percent in Pace : 62.6%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/15/1															
7	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	2	0	1	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
03:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	1	0	1	2	0	0	0	0	0	0	0	4
07:00	0	0	0	0	1	3	2	0	0	0	0	0	0	0	6
08:00	0	1	0	2	4	1	2	0	0	0	0	0	0	0	10
09:00	0	0	0	2	4	7	0	0	0	0	0	0	0	0	13
10:00	1	1	0	2	6	5	1	1	0	0	0	0	0	0	17
11:00	2	0	1	3	9	5	4	0	0	0	0	0	0	0	24
12 PM	0	0	1	5	7	5	5	0	0	0	0	0	0	0	23
13:00	2	0	1	3	8	13	3	0	0	0	0	0	0	0	30
14:00	0	1	1	7	4	6	1	0	0	0	0	0	0	0	20
15:00	1	3	5	4	11	6	1	0	0	0	0	0	0	0	31
16:00	1	0	1	2	10	12	6	0	0	0	0	0	0	0	32
17:00	2	3	2	0	6	9	3	0	0	0	0	0	0	0	25
18:00	1	0	1	4	7	7	5	2	0	0	0	0	0	0	27
19:00	1	0	3	6	2	1	1	0	0	0	0	0	0	0	14
20:00	0	0	0	3	4	1	1	0	0	0	0	0	0	0	9
21:00	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
22:00	0	0	0	1	0	2	1	0	0	0	0	0	0	0	4
23:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
Total	11	9	16	45	88	89	39	5	0	1	0	0	0	0	303

Daily

15th Percentile :	26 MPH
50th Percentile :	34 MPH
85th Percentile :	39 MPH
95th Percentile :	43 MPH
Mean Speed(Average) :	33 MPH
10 MPH Pace Speed :	31-40 MPH
Number in Pace :	177
Percent in Pace :	58.4%
Number of Vehicles > 55 MPH :	1
Percent of Vehicles > 55 MPH :	0.3%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0° 0.0000 Undefined

West

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/16/1															
7	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
07:00	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3
08:00	0	0	0	1	1	1	2	0	0	0	0	0	0	0	5
09:00	0	0	0	1	2	1	1	0	0	0	0	0	0	0	5
10:00	0	0	1	3	10	6	1	0	0	0	0	0	0	0	21
11:00	0	1	2	5	10	11	2	1	0	0	0	0	0	0	32
12 PM	1	1	3	12	15	7	3	1	0	0	0	0	0	0	43
13:00	2	1	1	9	9	10	1	0	0	0	0	0	0	0	33
14:00	5	3	3	2	18	4	3	0	0	0	0	0	0	0	38
15:00	4	6	3	8	13	7	2	0	0	0	0	0	0	0	43
16:00	0	2	0	7	13	8	1	1	0	0	0	0	0	0	32
17:00	1	1	0	6	5	5	3	0	0	0	0	0	0	0	21
18:00	1	1	1	1	5	7	3	0	0	0	0	0	0	0	19
19:00	0	0	3	1	7	9	2	1	1	0	0	0	0	0	24
20:00	0	0	0	0	1	1	4	0	0	0	0	0	0	0	6
21:00	0	0	0	0	1	4	2	0	0	0	0	0	0	0	7
22:00	0	0	0	5	2	1	1	1	0	0	0	0	0	0	10
23:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Total	14	16	17	61	115	85	33	8	1	0	0	0	0	0	350

Daily

15th Percentile : 25 MPH
 50th Percentile : 32 MPH
 85th Percentile : 39 MPH
 95th Percentile : 43 MPH

Mean Speed(Average) : 33 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 200
 Percent in Pace : 57.1%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
Gremista, Lerwick, Shetland
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Site Code: 2017 007
Station ID:
A971, Access to Hole in Wall & Bethesda
Bridge of Walls, @ Bus Stop, Ch1 W
Latitude: 0' 0.0000 Undefined

West

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/17/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
06:00	0	0	0	0	1	1	4	1	0	0	0	0	0	0	7
07:00	0	0	1	1	7	8	3	0	0	0	0	0	0	0	20
08:00	0	1	2	2	4	4	4	1	0	0	0	0	0	0	18
09:00	0	2	0	1	8	5	2	0	0	0	0	0	0	0	18
10:00	3	0	2	3	10	7	4	0	0	0	0	0	0	0	29
11:00	3	2	2	9	11	5	0	0	0	0	0	0	0	0	32
12 PM	2	2	2	7	7	3	1	1	0	0	0	0	0	0	25
13:00	0	0	1	8	6	11	3	0	0	0	0	0	0	0	29
14:00	0	0	3	1	6	5	4	1	0	0	0	0	0	0	20
15:00	2	0	1	2	12	8	1	0	0	0	0	0	0	0	26
16:00	2	1	2	4	10	7	3	0	0	0	0	0	0	0	29
17:00	1	1	2	4	19	21	10	0	0	0	0	0	0	0	58
18:00	1	1	0	4	5	12	9	0	0	0	0	0	0	0	32
19:00	2	0	2	0	6	6	6	2	0	0	0	0	0	0	24
20:00	0	0	1	2	1	2	5	1	0	0	0	0	0	0	12
21:00	1	0	0	0	5	3	2	0	0	0	0	0	0	0	11
22:00	1	0	0	1	2	3	1	0	0	0	0	0	0	0	8
23:00	0	0	0	0	2	1	3	0	0	0	0	0	0	0	6
Total	18	10	21	49	122	113	66	8	0	0	0	0	0	0	407

Daily

15th Percentile :	26 MPH
50th Percentile :	34 MPH
85th Percentile :	40 MPH
95th Percentile :	44 MPH
Mean Speed(Average) :	34 MPH
10 MPH Pace Speed :	31-40 MPH
Number in Pace :	235
Percent in Pace :	57.7%
Number of Vehicles > 55 MPH :	0
Percent of Vehicles > 55 MPH :	0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/18/1															
7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
07:00	2	0	1	2	7	5	1	0	0	0	0	0	0	0	18
08:00	4	3	1	4	5	5	3	0	0	0	0	0	0	0	25
09:00	2	1	2	2	4	9	1	0	0	0	0	0	0	0	21
10:00	1	1	6	2	4	6	2	0	0	0	0	0	0	0	22
11:00	1	1	1	1	9	3	3	0	0	0	0	0	0	0	19
12 PM	0	0	0	3	9	8	1	2	0	0	0	0	0	0	23
13:00	2	0	2	10	6	9	2	1	0	0	0	0	0	0	32
14:00	1	0	2	4	10	4	2	0	0	0	0	0	0	0	23
15:00	2	2	3	9	8	5	7	0	1	0	0	0	0	0	37
16:00	5	1	3	6	12	12	5	1	0	0	0	0	0	0	45
17:00	2	0	4	6	6	18	12	3	0	0	0	0	0	0	51
18:00	0	0	1	2	11	12	10	0	0	0	0	0	0	0	36
19:00	1	1	1	0	6	4	5	2	0	0	0	0	0	0	20
20:00	3	0	0	2	12	5	5	0	0	0	0	0	0	0	27
21:00	1	0	0	4	5	5	5	2	1	0	0	0	0	0	23
22:00	0	0	1	0	8	4	0	1	0	0	0	0	0	0	14
23:00	0	0	0	1	0	0	2	0	1	0	0	0	0	0	4
Total	27	10	28	58	122	116	69	13	3	0	0	0	0	0	446

Daily

15th Percentile : 25 MPH
 50th Percentile : 34 MPH
 85th Percentile : 41 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 33 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 238
 Percent in Pace : 53.4%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

Roads Service

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Site Code: 2017 007

Station ID:

A971, Access to Hole in Wall & Bethesda

Bridge of Walls, @ Bus Stop, Ch1 W

Latitude: 0' 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/19/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
07:00	0	2	1	2	4	11	5	0	0	0	0	0	0	0	25
08:00	1	0	1	3	8	8	2	0	0	0	0	0	0	0	23
09:00	1	1	1	4	6	4	3	0	0	0	0	0	0	0	20
10:00	0	1	0	2	8	6	4	0	0	0	0	0	0	0	21
11:00	4	2	2	10	12	4	3	0	0	0	0	0	0	0	37
12 PM	3	1	2	2	13	5	3	1	0	0	0	0	0	0	30
13:00	0	1	1	4	7	7	2	0	0	0	0	0	0	0	22
14:00	0	0	0	3	11	6	3	2	0	0	0	0	0	0	25
15:00	1	0	2	4	8	4	1	1	0	0	0	0	0	0	21
16:00	1	2	3	6	13	10	3	0	0	0	0	0	0	0	38
17:00	3	5	4	4	12	9	12	1	0	0	0	0	0	0	50
18:00	1	1	4	2	4	10	5	1	1	0	0	0	0	0	29
19:00	0	1	0	5	5	8	2	0	0	0	0	0	0	0	21
20:00	0	0	1	4	6	5	2	1	0	0	0	0	0	0	19
21:00	1	0	1	3	5	1	7	1	0	0	0	0	0	0	19
22:00	1	0	0	0	3	1	1	1	0	0	0	0	0	0	7
23:00	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4
Total	17	17	23	58	126	101	66	10	1	0	0	0	0	0	419

Daily

15th Percentile : 25 MPH
50th Percentile : 33 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Mean Speed(Average) : 33 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 227
Percent in Pace : 54.2%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
Gremista, Lerwick, Shetland
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Site Code: 2017 007
Station ID:
A971, Access to Hole in Wall & Bethesda
Bridge of Walls, @ Bus Stop, Ch1 W
Latitude: 0' 0.0000 Undefined

West

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/20/17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4
07:00	0	0	1	1	4	5	7	0	0	0	0	0	0	0	18
08:00	0	0	0	6	3	5	4	0	0	0	0	0	0	0	18
09:00	0	0	0	3	4	11	3	0	0	0	0	0	0	0	21
10:00	0	0	0	5	7	9	3	0	0	0	0	0	0	0	24
11:00	1	1	1	5	9	5	1	2	0	0	0	0	0	0	25
12 PM	0	1	0	1	5	6	3	0	0	0	0	0	0	0	16
13:00	0	1	1	3	7	15	1	1	0	0	0	0	0	0	29
14:00	3	5	4	3	11	5	3	0	0	0	0	0	0	0	34
15:00	2	2	1	7	11	7	2	0	0	0	0	0	0	0	32
16:00	4	2	1	3	10	10	2	1	0	0	0	0	0	0	33
17:00	3	0	1	1	12	14	11	0	0	0	0	0	0	0	42
18:00	0	1	1	3	9	11	6	2	0	0	0	0	0	0	33
19:00	1	0	1	2	7	12	6	2	0	0	0	0	0	0	31
20:00	0	2	1	1	3	6	7	0	0	0	0	0	0	0	20
21:00	0	0	1	2	8	9	1	1	0	0	0	0	0	0	22
22:00	1	0	0	1	0	4	1	0	0	0	0	0	0	0	7
23:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
Total	15	15	14	47	110	138	64	11	0	0	0	0	0	0	414

Daily

15th Percentile : 26 MPH
50th Percentile : 35 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Mean Speed(Average): 34 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 248
Percent in Pace : 59.9%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Grand Total	149	97	158	435	980	891	452	72	8	1	0	0	0	0	3243
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Overall

15th Percentile : 25 MPH
50th Percentile : 33 MPH
85th Percentile : 40 MPH
95th Percentile : 44 MPH

Mean Speed(Average): 33 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 1871
Percent in Pace : 57.7%
Number of Vehicles > 55 MPH : 1
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

East

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/13/1															
7	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	4	2	1	0	0	0	0	0	0	7
06:00	0	0	0	1	3	3	4	2	0	0	0	0	0	0	13
07:00	0	0	0	2	6	16	12	3	1	0	0	0	0	0	40
08:00	0	1	0	3	13	18	7	0	1	0	0	0	0	0	43
09:00	0	0	0	2	10	9	4	0	0	0	0	0	0	0	25
10:00	0	0	1	5	6	4	4	1	0	0	0	0	0	0	21
11:00	0	1	0	9	14	6	3	1	0	0	0	0	0	0	34
12 PM	1	1	1	5	17	5	2	0	0	0	0	0	0	0	32
13:00	0	1	2	8	10	8	1	0	0	0	0	0	0	0	30
14:00	2	0	3	3	11	8	2	0	0	0	0	0	0	0	29
15:00	2	0	3	4	15	8	2	2	0	0	0	0	0	0	36
16:00	0	0	1	7	12	10	6	0	0	0	0	0	0	0	36
17:00	0	0	3	8	4	12	4	0	0	0	0	0	0	0	31
18:00	0	0	0	6	2	8	1	1	0	0	0	0	0	0	18
19:00	0	0	0	0	1	3	0	1	0	0	0	0	0	0	5
20:00	1	1	0	2	3	4	0	0	0	1	0	0	0	0	12
21:00	0	0	0	2	4	7	1	1	0	0	0	0	0	0	15
22:00	0	0	0	2	2	5	1	0	0	0	0	0	0	0	10
23:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
Total	6	5	14	69	136	140	58	13	2	1	0	0	0	0	444

Daily

15th Percentile :	28 MPH
50th Percentile :	34 MPH
85th Percentile :	40 MPH
95th Percentile :	44 MPH
Mean Speed(Average) :	35 MPH
10 MPH Pace Speed :	31-40 MPH
Number in Pace :	276
Percent in Pace :	62.2%
Number of Vehicles > 55 MPH :	1
Percent of Vehicles > 55 MPH :	0.2%

Shetland Islands Council
Roads Service
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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0° 0.0000 Undefined

East

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/14/17	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	3	1	1	0	0	0	0	0	0	5
06:00	0	0	0	1	3	0	5	2	0	0	0	0	0	0	11
07:00	0	0	0	1	6	8	15	5	1	0	0	0	0	0	36
08:00	0	0	0	0	10	12	8	3	0	0	0	0	0	0	33
09:00	0	0	1	2	10	9	5	1	1	0	0	0	0	0	29
10:00	1	0	2	3	16	9	2	0	0	0	0	0	0	0	33
11:00	0	0	2	3	10	11	4	0	0	0	0	0	0	0	30
12 PM	0	0	1	4	12	9	2	1	0	0	0	0	0	0	29
13:00	0	3	1	6	13	12	2	1	0	0	0	0	0	0	38
14:00	0	1	2	10	17	5	7	0	0	0	0	0	0	0	42
15:00	1	1	1	3	19	11	2	2	0	0	0	0	0	0	40
16:00	1	0	0	6	10	15	3	0	0	0	0	0	0	0	35
17:00	0	0	0	3	5	10	1	2	0	0	0	0	0	0	21
18:00	0	0	1	4	3	3	3	0	0	1	0	0	0	0	15
19:00	1	0	0	1	2	3	3	0	0	0	0	0	0	0	10
20:00	0	0	0	4	4	6	0	0	0	0	0	0	0	0	14
21:00	0	0	0	2	3	4	2	1	0	0	0	0	0	0	12
22:00	0	1	2	5	2	8	1	1	0	0	0	0	0	0	20
23:00	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
Total	4	6	13	58	148	140	67	20	2	1	0	0	0	0	459

Daily

15th Percentile :	28 MPH
50th Percentile :	35 MPH
85th Percentile :	41 MPH
95th Percentile :	45 MPH
Mean Speed(Average) :	35 MPH
10 MPH Pace Speed :	31-40 MPH
Number in Pace :	288
Percent in Pace :	62.7%
Number of Vehicles > 55 MPH :	1
Percent of Vehicles > 55 MPH :	0.2%

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Roads Service
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Site Code: 2017 007

Station ID:

A971, Access to Hole in Wall & Bethesda

Bridge of Walls, @ Bus Stop, Ch1 W

Latitude: 0' 0.0000 Undefined

East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/15/1															
7	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
06:00	0	0	0	0	1	3	3	0	0	0	0	0	0	0	7
07:00	0	0	0	0	4	6	2	1	0	0	0	0	0	0	13
08:00	0	0	0	0	1	6	0	1	0	0	0	0	0	0	8
09:00	1	0	0	0	6	6	5	1	0	1	0	0	0	0	20
10:00	0	1	0	2	8	6	3	0	1	0	0	0	0	0	21
11:00	0	0	2	2	4	11	2	0	0	0	0	0	0	0	21
12 PM	0	0	0	3	9	8	5	0	0	0	0	0	0	0	25
13:00	1	0	4	3	4	8	6	1	0	0	0	0	0	0	27
14:00	0	0	1	3	8	19	1	0	0	0	0	0	0	0	32
15:00	0	0	1	5	17	10	2	1	0	0	0	0	0	0	36
16:00	0	0	1	2	11	8	2	0	0	0	0	0	0	0	24
17:00	0	0	0	5	6	6	2	0	1	0	0	0	0	0	20
18:00	0	0	0	1	2	4	2	0	0	0	0	0	0	0	9
19:00	0	1	1	2	4	6	1	1	0	0	0	0	0	0	16
20:00	0	0	0	0	3	1	1	1	0	0	0	0	0	0	6
21:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
22:00	0	0	0	0	0	4	0	0	1	0	0	0	0	0	5
23:00	0	0	0	0	5	4	0	0	0	0	0	0	0	0	9
Total	2	2	10	29	96	120	39	9	3	1	0	0	0	0	311

Daily
 15th Percentile : 30 MPH
 50th Percentile : 35 MPH
 85th Percentile : 40 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 36 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 216
 Percent in Pace : 69.5%
 Number of Vehicles > 55 MPH : 1
 Percent of Vehicles > 55 MPH : 0.3%

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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

East

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/16/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
06:00	0	0	0	0	0	1	3	0	0	0	0	0	0	0	4
07:00	0	0	0	0	0	1	1	2	0	0	0	0	0	0	4
08:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
09:00	0	0	0	2	0	7	2	1	0	0	0	0	0	0	12
10:00	0	0	1	3	4	8	1	1	0	0	0	0	0	0	18
11:00	1	0	1	3	10	3	1	0	0	0	0	0	0	0	19
12 PM	1	0	1	0	16	13	1	1	0	0	0	0	0	0	33
13:00	0	1	1	7	20	13	4	2	0	0	0	0	0	0	48
14:00	0	0	4	7	15	14	5	0	0	0	0	0	0	0	45
15:00	1	2	1	11	14	12	1	0	1	0	0	0	0	0	43
16:00	1	1	2	6	14	8	3	1	0	0	0	0	0	0	36
17:00	0	1	1	5	9	8	5	0	0	0	0	0	0	0	29
18:00	1	0	1	2	5	6	1	0	0	0	0	0	0	0	16
19:00	0	0	0	1	5	1	6	0	0	0	0	0	0	0	13
20:00	0	0	1	0	4	4	0	2	1	0	0	0	0	0	12
21:00	0	0	0	2	2	2	0	0	0	0	0	0	0	0	6
22:00	1	0	0	0	1	2	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	5	14	49	119	104	36	12	2	0	0	0	0	0	347

Daily

15th Percentile : 27 MPH
 50th Percentile : 34 MPH
 85th Percentile : 39 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 34 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 223
 Percent in Pace : 64.3%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

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Site Code: 2017 007

Station ID:

A971, Access to Hole in Wall & Bethesda

Bridge of Walls, @ Bus Stop, Ch1 W

Latitude: 0' 0.0000 Undefined

East

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
07/17/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	2	0	3	0	0	0	0	0	0	5
06:00	0	0	0	0	3	4	8	1	0	0	0	0	0	0	16
07:00	0	0	0	0	1	11	13	6	0	1	0	0	0	0	32
08:00	1	1	0	2	13	15	7	5	0	0	0	0	0	0	44
09:00	2	0	2	1	9	6	5	1	0	0	0	0	0	0	26
10:00	1	0	0	7	7	18	4	0	0	0	0	0	0	0	37
11:00	0	0	3	5	10	7	2	0	0	0	0	0	0	0	27
12 PM	1	1	3	4	7	4	2	0	0	0	0	0	0	0	22
13:00	0	0	0	7	12	7	2	1	0	0	0	0	0	0	29
14:00	0	1	4	8	9	13	2	0	0	0	0	0	0	0	37
15:00	1	0	0	8	4	13	3	1	0	0	0	0	0	0	30
16:00	1	1	0	6	4	11	3	1	0	0	0	0	0	0	27
17:00	0	1	3	2	3	5	4	0	0	0	0	0	0	0	18
18:00	0	1	2	0	8	6	1	0	0	0	0	0	0	0	18
19:00	0	0	0	3	9	2	1	1	0	0	0	0	0	0	16
20:00	0	0	0	3	6	5	0	0	0	0	0	0	0	0	14
21:00	0	0	1	0	3	2	0	0	1	0	0	0	0	0	7
22:00	0	0	0	0	1	3	1	0	0	0	0	0	0	0	5
23:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
Total	7	6	18	57	109	135	58	20	1	1	0	0	0	0	412

Daily

15th Percentile : 27 MPH
50th Percentile : 35 MPH
85th Percentile : 41 MPH
95th Percentile : 45 MPH

Mean Speed(Average) : 35 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 244
Percent in Pace : 59.2%
Number of Vehicles > 55 MPH : 1
Percent of Vehicles > 55 MPH : 0.2%

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Site Code: 2017 007
Station ID:
A971, Access to Hole in Wall & Bethesda
Bridge of Walls, @ Bus Stop, Ch1 W
Latitude: 0' 0.0000 Undefined

East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/18/1															
7	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	3	2	1	0	0	0	0	0	0	6
06:00	0	0	0	1	1	6	3	4	0	0	0	0	0	0	15
07:00	0	0	1	1	6	14	8	4	2	0	0	0	0	0	36
08:00	1	0	0	3	14	16	7	1	1	0	0	0	0	0	43
09:00	1	1	1	2	10	5	5	1	0	0	0	0	0	0	28
10:00	0	0	2	3	12	5	4	0	0	0	0	0	0	0	26
11:00	0	0	0	4	6	5	4	3	0	0	0	0	0	0	22
12 PM	1	1	0	0	5	12	0	0	0	0	0	0	0	0	19
13:00	0	1	0	6	14	11	2	1	0	0	0	0	0	0	35
14:00	2	0	1	10	8	7	3	0	0	0	0	0	0	0	31
15:00	0	1	0	6	16	8	1	1	0	0	0	0	0	0	33
16:00	1	1	1	7	15	12	5	2	1	0	0	0	0	0	45
17:00	0	1	0	6	13	6	3	0	0	0	0	0	0	0	29
18:00	0	0	3	4	3	7	0	2	0	0	0	0	0	0	19
19:00	2	0	0	1	5	7	4	0	0	0	0	0	0	0	19
20:00	0	0	0	2	4	5	1	0	0	0	0	0	0	0	12
21:00	0	0	0	1	7	3	0	1	0	0	0	0	0	0	12
22:00	0	0	0	2	2	10	1	0	0	0	0	0	0	0	15
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Total	8	6	9	59	143	142	54	21	4	0	0	0	0	0	446

Daily

15th Percentile : 28 MPH
50th Percentile : 34 MPH
85th Percentile : 41 MPH
95th Percentile : 45 MPH

Mean Speed(Average) : 35 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 285
Percent in Pace : 63.9%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

East

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total
07/19/1															
7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	4	2	0	0	0	0	0	0	0	6
06:00	0	0	0	1	4	4	5	2	0	0	0	0	0	0	16
07:00	0	1	0	1	4	14	9	1	0	0	0	0	0	0	30
08:00	0	0	0	1	15	17	4	2	0	0	0	0	0	0	39
09:00	2	0	2	1	6	8	2	0	0	0	0	0	0	0	21
10:00	0	0	0	3	8	4	2	0	1	0	0	0	0	0	18
11:00	0	0	3	7	4	8	2	0	1	0	0	0	0	0	25
12 PM	0	0	1	4	12	10	0	1	0	0	0	0	0	0	28
13:00	1	2	0	3	6	10	5	1	0	0	0	0	0	0	28
14:00	0	0	0	5	9	11	1	0	0	0	0	0	0	0	26
15:00	0	1	2	3	9	9	1	1	0	0	0	0	0	0	26
16:00	1	0	3	8	15	13	3	2	0	0	0	0	0	0	45
17:00	0	1	3	7	9	11	2	2	0	0	0	0	0	0	35
18:00	1	0	3	3	7	7	1	3	0	0	0	0	0	0	25
19:00	1	0	0	3	3	4	4	0	0	0	0	0	0	0	15
20:00	0	0	3	0	8	2	1	1	0	0	0	0	0	0	15
21:00	0	0	0	1	3	1	1	0	0	0	0	0	0	0	6
22:00	0	0	0	0	3	3	2	0	0	0	0	0	0	0	8
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	5	20	51	125	141	48	16	2	0	0	0	0	0	414

Daily

15th Percentile :	28 MPH
50th Percentile :	35 MPH
85th Percentile :	40 MPH
95th Percentile :	44 MPH
Mean Speed(Average) :	35 MPH
10 MPH Pace Speed :	31-40 MPH
Number in Pace :	266
Percent in Pace :	64.3%
Number of Vehicles > 55 MPH :	0
Percent of Vehicles > 55 MPH :	0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/20/1															
7	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	3	4	0	0	0	0	0	0	0	7
06:00	0	0	0	0	2	4	5	1	0	0	0	0	0	0	12
07:00	0	0	0	1	11	12	10	2	0	0	0	0	0	0	36
08:00	1	0	1	0	12	20	5	4	0	0	0	0	0	0	43
09:00	0	0	0	6	8	11	7	1	0	0	0	0	0	0	33
10:00	1	0	4	1	8	11	1	0	0	0	0	0	0	0	26
11:00	0	0	0	1	9	8	3	0	0	0	0	0	0	0	21
12 PM	0	0	1	8	9	6	1	0	0	0	0	0	0	0	25
13:00	0	1	0	6	6	5	7	0	0	0	0	0	0	0	25
14:00	0	2	3	7	4	6	1	0	0	0	0	0	0	0	23
15:00	0	0	1	9	5	8	3	0	0	0	0	0	0	0	26
16:00	1	1	2	8	12	12	3	0	0	0	0	0	0	0	39
17:00	0	0	1	5	9	4	8	2	0	0	0	0	0	0	29
18:00	1	0	0	6	6	5	3	0	0	0	0	0	0	0	21
19:00	0	0	0	2	5	7	1	0	0	1	0	0	0	0	16
20:00	2	0	0	2	5	3	1	1	0	0	0	0	0	0	14
21:00	0	0	0	0	1	3	3	1	0	0	0	0	0	0	8
22:00	0	0	0	3	3	2	0	0	0	0	0	0	0	0	8
23:00	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
Total	6	4	13	65	116	133	68	12	0	1	0	0	0	0	418

Daily

15th Percentile : 28 MPH
 50th Percentile : 35 MPH
 85th Percentile : 41 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 35 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 249
 Percent in Pace : 59.6%
 Number of Vehicles > 55 MPH : 1
 Percent of Vehicles > 55 MPH : 0.2%

Grand Total	45	39	111	437	992	1055	428	123	16	5	0	0	0	0	3251
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Overall

15th Percentile : 28 MPH
 50th Percentile : 35 MPH
 85th Percentile : 40 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 35 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 2047
 Percent in Pace : 63.0%
 Number of Vehicles > 55 MPH : 5
 Percent of Vehicles > 55 MPH : 0.2%

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Roads Service
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Site Code: 2017 007

Station ID:

A971, Access to Hole in Wall & Bethesda

Bridge of Walls, @ Bus Stop, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/13/1															
7	0	0	0	1	3	1	0	0	0	0	0	0	0	0	5
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	4	2	1	0	0	0	0	0	0	7
06:00	0	0	0	1	3	4	8	2	0	0	0	0	0	0	18
07:00	2	1	1	2	14	20	14	4	1	0	0	0	0	0	59
08:00	1	2	2	7	20	23	10	0	1	0	0	0	0	0	66
09:00	0	0	1	6	18	13	5	0	0	0	0	0	0	0	43
10:00	3	0	4	7	22	8	6	1	0	0	0	0	0	0	51
11:00	7	3	1	14	23	11	5	1	0	0	0	0	0	0	65
12 PM	3	2	2	11	23	13	3	0	0	0	0	0	0	0	57
13:00	0	2	2	16	25	16	1	0	0	0	0	0	0	0	62
14:00	5	1	3	6	21	16	4	0	0	0	0	0	0	0	56
15:00	4	2	6	11	26	12	5	2	0	0	0	0	0	0	68
16:00	2	0	4	11	21	20	13	0	0	0	0	0	0	0	71
17:00	2	3	4	13	23	29	9	1	0	0	0	0	0	0	84
18:00	0	1	0	10	5	16	12	2	0	0	0	0	0	0	46
19:00	2	1	0	3	6	10	3	1	0	0	0	0	0	0	26
20:00	2	1	1	3	9	11	9	2	0	1	0	0	0	0	39
21:00	0	0	1	2	10	13	2	2	0	0	0	0	0	0	30
22:00	0	0	0	2	5	10	3	1	1	0	0	0	0	0	22
23:00	0	0	0	0	1	1	2	1	0	0	0	0	0	0	5
Total	33	19	32	126	278	253	117	21	3	1	0	0	0	0	883

Daily

15th Percentile : 26 MPH

50th Percentile : 34 MPH

85th Percentile : 40 MPH

95th Percentile : 44 MPH

Mean Speed(Average) : 34 MPH

10 MPH Pace Speed : 31-40 MPH

Number in Pace : 531

Percent in Pace : 60.1%

Number of Vehicles > 55 MPH : 1

Percent of Vehicles > 55 MPH : 0.1%

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Site Code: 2017 007

Station ID:

A971, Access to Hole in Wall & Bethesda

Bridge of Walls, @ Bus Stop, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/14/1															
7	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	3	1	1	0	0	0	0	0	0	5
06:00	0	0	0	1	3	2	6	2	0	0	0	0	0	0	14
07:00	0	0	1	2	12	15	22	5	1	0	0	0	0	0	58
08:00	0	0	0	3	14	17	11	5	0	0	0	0	0	0	50
09:00	0	1	1	9	21	16	8	1	1	0	0	0	0	0	58
10:00	1	1	3	9	25	20	4	0	0	0	0	0	0	0	63
11:00	1	1	3	11	17	19	7	0	0	0	0	0	0	0	59
12 PM	1	0	3	13	25	23	3	1	0	0	0	0	0	0	69
13:00	4	4	3	9	20	16	6	1	0	0	0	0	0	0	63
14:00	2	2	4	14	27	14	10	1	0	0	0	0	0	0	74
15:00	5	1	5	8	32	18	3	2	0	0	0	0	0	0	74
16:00	2	0	2	12	27	31	8	1	0	0	0	0	0	0	83
17:00	2	0	0	4	22	24	15	3	1	0	0	0	0	0	71
18:00	2	1	5	7	25	16	4	2	0	1	0	0	0	0	63
19:00	1	0	0	4	10	13	6	0	1	0	0	0	0	0	35
20:00	1	0	1	4	7	8	1	0	0	0	0	0	0	0	22
21:00	0	0	0	2	7	7	4	1	0	0	0	0	0	0	21
22:00	1	1	3	5	4	10	2	2	0	0	0	0	0	0	28
23:00	1	0	0	1	3	2	2	0	0	0	0	0	0	0	9
Total	24	12	34	118	303	276	123	29	4	1	0	0	0	0	924

Daily
 15th Percentile : 27 MPH
 50th Percentile : 34 MPH
 85th Percentile : 40 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 35 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 579
 Percent in Pace : 62.7%
 Number of Vehicles > 55 MPH : 1
 Percent of Vehicles > 55 MPH : 0.1%

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Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/15/1															
7	0	0	0	1	2	2	1	0	0	0	0	0	0	0	6
01:00	0	0	0	0	2	3	0	1	0	0	0	0	0	0	6
02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
03:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
06:00	0	0	0	1	1	4	5	0	0	0	0	0	0	0	11
07:00	0	0	0	0	5	9	4	1	0	0	0	0	0	0	19
08:00	0	1	0	2	5	7	2	1	0	0	0	0	0	0	18
09:00	1	0	0	2	10	13	5	1	0	1	0	0	0	0	33
10:00	1	2	0	4	14	11	4	1	1	0	0	0	0	0	38
11:00	2	0	3	5	13	16	6	0	0	0	0	0	0	0	45
12 PM	0	0	1	8	16	13	10	0	0	0	0	0	0	0	48
13:00	3	0	5	6	12	21	9	1	0	0	0	0	0	0	57
14:00	0	1	2	10	12	25	2	0	0	0	0	0	0	0	52
15:00	1	3	6	9	28	16	3	1	0	0	0	0	0	0	67
16:00	1	0	2	4	21	20	8	0	0	0	0	0	0	0	56
17:00	2	3	2	5	12	15	5	0	1	0	0	0	0	0	45
18:00	1	0	1	5	9	11	7	2	0	0	0	0	0	0	36
19:00	1	1	4	8	6	7	2	1	0	0	0	0	0	0	30
20:00	0	0	0	3	7	2	2	1	0	0	0	0	0	0	15
21:00	0	0	0	0	3	2	0	0	0	0	0	0	0	0	5
22:00	0	0	0	1	0	6	1	0	1	0	0	0	0	0	9
23:00	0	0	0	0	6	5	0	0	0	0	0	0	0	0	11
Total	13	11	26	74	184	209	78	14	3	2	0	0	0	0	614

Daily

15th Percentile : 27 MPH
 50th Percentile : 34 MPH
 85th Percentile : 40 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 35 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 393
 Percent in Pace : 64.0%
 Number of Vehicles > 55 MPH : 2
 Percent of Vehicles > 55 MPH : 0.3%

Shetland Islands Council
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Site Code: 2017 007

Station ID:

A971, Access to Hole in Wall & Bethesda

Bridge of Walls, @ Bus Stop, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/16/1															
7	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
06:00	0	0	0	0	1	1	3	1	0	0	0	0	0	0	6
07:00	0	0	0	0	1	1	3	2	0	0	0	0	0	0	7
08:00	0	0	0	1	1	2	4	0	0	0	0	0	0	0	8
09:00	0	0	0	3	2	8	3	1	0	0	0	0	0	0	17
10:00	0	0	2	6	14	14	2	1	0	0	0	0	0	0	39
11:00	1	1	3	8	20	14	3	1	0	0	0	0	0	0	51
12 PM	2	1	4	12	31	20	4	2	0	0	0	0	0	0	76
13:00	2	2	2	16	29	23	5	2	0	0	0	0	0	0	81
14:00	5	3	7	9	33	18	8	0	0	0	0	0	0	0	83
15:00	5	8	4	19	27	19	3	0	1	0	0	0	0	0	86
16:00	1	3	2	13	27	16	4	2	0	0	0	0	0	0	68
17:00	1	2	1	11	14	13	8	0	0	0	0	0	0	0	50
18:00	2	1	2	3	10	13	4	0	0	0	0	0	0	0	35
19:00	0	0	3	2	12	10	8	1	1	0	0	0	0	0	37
20:00	0	0	1	0	5	5	4	2	1	0	0	0	0	0	18
21:00	0	0	0	2	3	6	2	0	0	0	0	0	0	0	13
22:00	1	0	0	5	3	3	1	1	0	0	0	0	0	0	14
23:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Total	20	21	31	110	234	189	69	20	3	0	0	0	0	0	697

Daily

15th Percentile : 26 MPH
 50th Percentile : 33 MPH
 85th Percentile : 39 MPH
 95th Percentile : 44 MPH

Mean Speed(Average) : 33 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 423
 Percent in Pace : 60.7%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

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Site Code: 2017 007
Station ID:
A971, Access to Hole in Wall & Bethesda
Bridge of Walls, @ Bus Stop, Ch1 W
Latitude: 0° 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/17/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	2	1	3	0	0	0	0	0	0	6
06:00	0	0	0	0	4	5	12	2	0	0	0	0	0	0	23
07:00	0	0	1	1	8	19	16	6	0	1	0	0	0	0	52
08:00	1	2	2	4	17	19	11	6	0	0	0	0	0	0	62
09:00	2	2	2	2	17	11	7	1	0	0	0	0	0	0	44
10:00	4	0	2	10	17	25	8	0	0	0	0	0	0	0	66
11:00	3	2	5	14	21	12	2	0	0	0	0	0	0	0	59
12 PM	3	3	5	11	14	7	3	1	0	0	0	0	0	0	47
13:00	0	0	1	15	18	18	5	1	0	0	0	0	0	0	58
14:00	0	1	7	9	15	18	6	1	0	0	0	0	0	0	57
15:00	3	0	1	10	16	21	4	1	0	0	0	0	0	0	56
16:00	3	2	2	10	14	18	6	1	0	0	0	0	0	0	56
17:00	1	2	5	6	22	26	14	0	0	0	0	0	0	0	76
18:00	1	2	2	4	13	18	10	0	0	0	0	0	0	0	50
19:00	2	0	2	3	15	8	7	3	0	0	0	0	0	0	40
20:00	0	0	1	5	7	7	5	1	0	0	0	0	0	0	26
21:00	1	0	1	0	8	5	2	0	1	0	0	0	0	0	18
22:00	1	0	0	1	3	6	2	0	0	0	0	0	0	0	13
23:00	0	0	0	1	2	2	3	0	0	0	0	0	0	0	8
Total	25	16	39	106	231	248	124	28	1	1	0	0	0	0	819

Daily

15th Percentile : 27 MPH
50th Percentile : 34 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Mean Speed(Average) : 34 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 479
Percent in Pace : 58.5%
Number of Vehicles > 55 MPH : 1
Percent of Vehicles > 55 MPH : 0.1%

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Site Code: 2017 007
Station ID:
A971, Access to Hole in Wall & Bethesda
Bridge of Walls, @ Bus Stop, Ch1 W
Latitude: 0° 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/18/1															
7	0	0	0	0	1	0	2	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	4	2	1	0	0	0	0	0	0	7
06:00	0	0	0	1	1	6	4	5	0	0	0	0	0	0	17
07:00	2	0	2	3	13	19	9	4	2	0	0	0	0	0	54
08:00	5	3	1	7	19	21	10	1	1	0	0	0	0	0	68
09:00	3	2	3	4	14	14	6	1	0	0	0	0	0	0	47
10:00	1	1	8	5	16	11	6	0	0	0	0	0	0	0	48
11:00	1	1	1	5	15	8	7	3	0	0	0	0	0	0	41
12 PM	1	1	0	3	14	20	1	2	0	0	0	0	0	0	42
13:00	2	1	2	16	20	20	4	2	0	0	0	0	0	0	67
14:00	3	0	3	14	18	11	5	0	0	0	0	0	0	0	54
15:00	2	3	3	15	24	13	8	1	1	0	0	0	0	0	70
16:00	6	2	4	13	27	24	10	3	1	0	0	0	0	0	90
17:00	2	1	4	12	19	24	15	3	0	0	0	0	0	0	80
18:00	0	0	4	6	14	19	10	2	0	0	0	0	0	0	55
19:00	3	1	1	1	11	11	9	2	0	0	0	0	0	0	39
20:00	3	0	0	4	16	10	6	0	0	0	0	0	0	0	39
21:00	1	0	0	5	12	8	5	3	1	0	0	0	0	0	35
22:00	0	0	1	2	10	14	1	1	0	0	0	0	0	0	29
23:00	0	0	0	1	1	0	2	0	1	0	0	0	0	0	5
Total	35	16	37	117	265	258	123	34	7	0	0	0	0	0	892

Daily

15th Percentile : 26 MPH
50th Percentile : 34 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Mean Speed(Average) : 34 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 523
Percent in Pace : 58.6%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

Page 23

Site Code: 2017 007
 Station ID:
 A971, Access to Hole in Wall & Bethesda
 Bridge of Walls, @ Bus Stop, Ch1 W
 Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/19/1															
7	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	4	3	0	0	0	0	0	0	0	7
06:00	0	0	0	1	4	4	9	2	0	0	0	0	0	0	20
07:00	0	3	1	3	8	25	14	1	0	0	0	0	0	0	55
08:00	1	0	1	4	23	25	6	2	0	0	0	0	0	0	62
09:00	3	1	3	5	12	12	5	0	0	0	0	0	0	0	41
10:00	0	1	0	5	16	10	6	0	1	0	0	0	0	0	39
11:00	4	2	5	17	16	12	5	0	1	0	0	0	0	0	62
12 PM	3	1	3	6	25	15	3	2	0	0	0	0	0	0	58
13:00	1	3	1	7	13	17	7	1	0	0	0	0	0	0	50
14:00	0	0	0	8	20	17	4	2	0	0	0	0	0	0	51
15:00	1	1	4	7	17	13	2	2	0	0	0	0	0	0	47
16:00	2	2	6	14	28	23	6	2	0	0	0	0	0	0	83
17:00	3	6	7	11	21	20	14	3	0	0	0	0	0	0	85
18:00	2	1	7	5	11	17	6	4	1	0	0	0	0	0	54
19:00	1	1	0	8	8	12	6	0	0	0	0	0	0	0	36
20:00	0	0	4	4	14	7	3	2	0	0	0	0	0	0	34
21:00	1	0	1	4	8	2	8	1	0	0	0	0	0	0	25
22:00	1	0	0	0	6	4	3	1	0	0	0	0	0	0	15
23:00	0	0	0	0	0	2	1	1	0	0	0	0	0	0	4
Total	23	22	43	109	251	242	114	26	3	0	0	0	0	0	833

Daily

15th Percentile : 26 MPH
 50th Percentile : 34 MPH
 85th Percentile : 40 MPH
 95th Percentile : 44 MPH

 Mean Speed(Average) : 34 MPH
 10 MPH Pace Speed : 31-40 MPH
 Number in Pace : 493
 Percent in Pace : 59.2%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

Page 24

Site Code: 2017 007
Station ID:
A971, Access to Hole in Wall & Bethesda
Bridge of Walls, @ Bus Stop, Ch1 W
Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/20/1															
7	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	3	4	0	0	0	0	0	0	0	7
06:00	0	0	0	0	2	5	7	2	0	0	0	0	0	0	16
07:00	0	0	1	2	15	17	17	2	0	0	0	0	0	0	54
08:00	1	0	1	6	15	25	9	4	0	0	0	0	0	0	61
09:00	0	0	0	9	12	22	10	1	0	0	0	0	0	0	54
10:00	1	0	4	6	15	20	4	0	0	0	0	0	0	0	50
11:00	1	1	1	6	18	13	4	2	0	0	0	0	0	0	46
12 PM	0	1	1	9	14	12	4	0	0	0	0	0	0	0	41
13:00	0	2	1	9	13	20	8	1	0	0	0	0	0	0	54
14:00	3	7	7	10	15	11	4	0	0	0	0	0	0	0	57
15:00	2	2	2	16	16	15	5	0	0	0	0	0	0	0	58
16:00	5	3	3	11	22	22	5	1	0	0	0	0	0	0	72
17:00	3	0	2	6	21	18	19	2	0	0	0	0	0	0	71
18:00	1	1	1	9	15	16	9	2	0	0	0	0	0	0	54
19:00	1	0	1	4	12	19	7	2	0	1	0	0	0	0	47
20:00	2	2	1	3	8	9	8	1	0	0	0	0	0	0	34
21:00	0	0	1	2	9	12	4	2	0	0	0	0	0	0	30
22:00	1	0	0	4	3	6	1	0	0	0	0	0	0	0	15
23:00	0	0	0	0	1	1	2	1	0	0	0	0	0	0	5
Total	21	19	27	112	226	271	132	23	0	1	0	0	0	0	832

Daily

15th Percentile : 27 MPH
50th Percentile : 35 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Mean Speed(Average) : 35 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 497
Percent in Pace : 59.7%
Number of Vehicles > 55 MPH : 1
Percent of Vehicles > 55 MPH : 0.1%

Grand Total	194	136	269	872	1972	1946	880	195	24	6	0	0	0	0	6494
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Overall

15th Percentile : 27 MPH
50th Percentile : 34 MPH
85th Percentile : 40 MPH
95th Percentile : 44 MPH

Mean Speed(Average) : 34 MPH
10 MPH Pace Speed : 31-40 MPH
Number in Pace : 3918
Percent in Pace : 60.3%
Number of Vehicles > 55 MPH : 6
Percent of Vehicles > 55 MPH : 0.1%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

Page 1

Site Code: 2017 008

Station ID:

A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/13/1															
7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	2	3	0	0	0	0	0	0	0	0	5
07:00	0	1	1	10	4	3	0	0	0	0	0	0	0	0	19
08:00	0	3	4	12	4	1	0	0	0	0	0	0	0	0	24
09:00	0	0	2	8	6	1	0	0	0	0	0	0	0	0	17
10:00	0	1	7	16	5	1	0	0	0	0	0	0	0	0	30
11:00	0	5	6	14	4	3	0	0	0	0	0	0	0	0	32
12 PM	0	1	7	9	8	0	0	0	0	0	0	0	0	0	25
13:00	0	0	7	14	11	0	0	0	0	0	0	0	0	0	32
14:00	1	0	3	11	11	1	0	0	0	0	0	0	0	0	27
15:00	1	2	14	9	4	3	0	0	0	0	0	0	0	0	33
16:00	1	0	6	12	13	3	0	0	0	0	0	0	0	0	35
17:00	0	1	7	25	17	4	1	0	0	0	0	0	0	0	55
18:00	0	0	1	3	14	11	0	0	0	0	0	0	0	0	29
19:00	0	0	5	6	7	3	0	0	0	0	0	0	0	0	21
20:00	0	0	2	9	10	7	0	0	0	0	0	0	0	0	28
21:00	0	0	0	4	8	3	0	0	0	0	0	0	0	0	15
22:00	0	0	0	2	6	1	1	1	0	0	0	0	0	0	11
23:00	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
Total	3	14	72	166	135	49	3	1	0	0	0	0	0	0	443

Daily

15th Percentile : 23 MPH
 50th Percentile : 28 MPH
 85th Percentile : 34 MPH
 95th Percentile : 38 MPH

Mean Speed(Average) : 30 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 301
 Percent in Pace : 67.9%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

Page 2

Site Code: 2017 008
 Station ID:
 A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/14/1															
7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
07:00	0	0	1	6	10	5	0	0	0	0	0	0	0	0	22
08:00	0	0	1	5	8	2	1	0	0	0	0	0	0	0	17
09:00	0	0	5	12	9	4	0	0	0	0	0	0	0	0	30
10:00	0	2	7	12	9	1	0	0	0	0	0	0	0	0	31
11:00	0	1	7	12	7	1	0	0	0	0	0	0	0	0	28
12 PM	0	1	9	16	12	3	0	0	0	0	0	0	0	0	41
13:00	0	1	6	8	7	4	0	0	0	0	0	0	0	0	26
14:00	0	1	5	14	9	3	0	0	0	0	0	0	0	0	32
15:00	0	1	5	14	12	1	0	0	0	0	0	0	0	0	33
16:00	1	1	4	20	19	2	1	0	0	0	0	0	0	0	48
17:00	0	1	1	17	23	8	1	0	0	0	0	0	0	0	51
18:00	0	2	6	15	20	3	0	0	0	0	0	0	0	0	46
19:00	0	0	2	11	9	2	0	1	0	0	0	0	0	0	25
20:00	0	0	1	6	0	1	0	0	0	0	0	0	0	0	8
21:00	0	0	0	4	4	0	1	0	0	0	0	0	0	0	9
22:00	0	0	0	3	5	0	1	0	0	0	0	0	0	0	9
23:00	0	0	1	2	1	0	1	0	0	0	0	0	0	0	5
Total	1	11	61	178	166	43	6	1	0	0	0	0	0	0	467

Daily

15th Percentile : 24 MPH
 50th Percentile : 29 MPH
 85th Percentile : 34 MPH
 95th Percentile : 38 MPH

Mean Speed(Average) : 30 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 344
 Percent in Pace : 73.7%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

Page 3

Site Code: 2017 008
 Station ID:
 A971, Mara Lee, Bridge of Wallis, Ch1 W

Latitude: 0° 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/15/1															
7	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	1	4	0	0	0	0	0	0	0	0	5
07:00	0	0	0	2	3	0	0	0	0	0	0	0	0	0	5
08:00	0	0	3	3	2	2	0	0	0	0	0	0	0	0	10
09:00	0	0	3	6	5	0	0	0	0	0	0	0	0	0	14
10:00	0	0	1	8	6	0	1	0	0	0	0	0	0	0	16
11:00	1	0	6	13	5	1	0	0	0	0	0	0	0	0	26
12 PM	0	0	2	8	9	3	0	0	0	0	0	0	0	0	22
13:00	0	0	5	10	15	1	0	0	0	0	0	0	0	0	31
14:00	0	2	1	10	5	0	0	0	0	0	0	0	0	0	18
15:00	1	0	5	15	10	1	0	0	0	0	0	0	0	0	32
16:00	0	0	3	13	14	2	0	0	0	0	0	0	0	0	32
17:00	0	2	3	10	11	1	0	0	0	0	0	0	0	0	27
18:00	0	2	3	10	6	4	1	0	0	0	0	0	0	0	26
19:00	0	1	6	3	3	1	0	0	0	0	0	0	0	0	14
20:00	0	0	2	5	0	2	0	0	0	0	0	0	0	0	9
21:00	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3
22:00	0	0	1	0	2	1	0	0	0	0	0	0	0	0	4
23:00	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3
Total	2	7	45	117	106	24	4	1	0	0	0	0	0	0	306

Daily

15th Percentile : 24 MPH
 50th Percentile : 29 MPH
 85th Percentile : 34 MPH
 95th Percentile : 37 MPH

 Mean Speed(Average) : 30 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 223
 Percent in Pace : 72.9%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

Page 4

Site Code: 2017 008
 Station ID:
 A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/16/1															
7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
07:00	0	0	0	0	2	2	0	0	0	0	0	0	0	0	4
08:00	0	0	0	2	1	1	0	0	0	0	0	0	0	0	4
09:00	0	0	1	2	1	1	0	0	0	0	0	0	0	0	5
10:00	0	1	3	11	4	2	0	0	0	0	0	0	0	0	21
11:00	0	3	4	9	14	3	0	0	0	0	0	0	0	0	33
12 PM	0	2	10	17	9	3	0	0	0	0	0	0	0	0	41
13:00	0	1	8	16	10	0	0	0	0	0	0	0	0	0	35
14:00	0	0	7	20	10	2	0	0	0	0	0	0	0	0	39
15:00	0	2	12	21	6	3	0	0	0	0	0	0	0	0	44
16:00	0	1	9	10	9	2	0	0	0	0	0	0	0	0	31
17:00	0	1	6	6	6	2	0	0	0	0	0	0	0	0	21
18:00	0	1	3	5	7	3	0	0	0	0	0	0	0	0	19
19:00	0	1	2	6	11	2	1	0	0	0	0	0	0	0	23
20:00	0	0	0	1	4	1	0	0	0	0	0	0	0	0	6
21:00	0	0	0	4	2	1	0	0	0	0	0	0	0	0	7
22:00	0	0	3	4	2	1	0	0	0	0	0	0	0	0	10
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Total	0	13	68	135	102	31	2	0	0	0	0	0	0	0	351

Daily

15th Percentile :	22 MPH
50th Percentile :	28 MPH
85th Percentile :	34 MPH
95th Percentile :	37 MPH
Mean Speed(Average) :	29 MPH
10 MPH Pace Speed :	26-35 MPH
Number in Pace :	237
Percent in Pace :	67.5%
Number of Vehicles > 55 MPH :	0
Percent of Vehicles > 55 MPH :	0.0%

Shetland Islands Council

Roads Service

Gremista, Lerwick, Shetland
ZE1 0PX

Page 5

Site Code: 2017 008

Station ID:

A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/17/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	4	3	0	0	0	0	0	0	0	0	7
07:00	0	0	1	9	7	3	0	0	0	0	0	0	0	0	20
08:00	0	0	5	6	3	4	0	0	0	0	0	0	0	0	18
09:00	0	0	2	8	7	2	0	0	0	0	0	0	0	0	19
10:00	0	3	5	13	9	0	0	0	0	0	0	0	0	0	30
11:00	1	2	10	13	6	0	0	0	0	0	0	0	0	0	32
12 PM	1	0	10	8	4	3	0	0	0	0	0	0	0	0	26
13:00	0	0	8	9	7	5	0	0	0	0	0	0	0	0	29
14:00	0	2	4	6	6	1	1	0	0	0	0	0	0	0	20
15:00	0	0	6	10	10	0	0	0	0	0	0	0	0	0	26
16:00	1	2	4	14	8	1	0	0	0	0	0	0	0	0	30
17:00	0	0	7	22	22	9	0	0	0	0	0	0	0	0	60
18:00	0	0	2	10	12	8	0	0	0	0	0	0	0	0	32
19:00	0	1	1	7	9	5	1	0	0	0	0	0	0	0	24
20:00	0	1	2	2	5	3	0	0	0	0	0	0	0	0	13
21:00	0	0	1	6	3	1	0	0	0	0	0	0	0	0	11
22:00	0	1	0	2	4	1	0	0	0	0	0	0	0	0	8
23:00	0	0	1	1	3	1	0	0	0	0	0	0	0	0	6
Total	3	12	69	146	131	51	2	0	0	0	0	0	0	0	414

Daily

15th Percentile : 23 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 277
Percent in Pace : 66.9%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

Roads Service

Gremista, Lerwick, Shetland

ZE1 0PX

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Site Code: 2017 008

Station ID:

A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/18/17	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
07:00	0	2	0	8	6	1	0	0	0	0	0	0	0	0	17
08:00	0	0	6	8	6	4	0	0	0	0	0	0	0	0	24
09:00	0	0	5	9	6	1	0	0	0	0	0	0	0	0	21
10:00	0	2	1	4	11	3	0	0	0	0	0	0	0	0	21
11:00	0	1	2	9	5	2	0	0	0	0	0	0	0	0	19
12 PM	0	0	1	12	5	4	1	0	0	0	0	0	0	0	23
13:00	0	1	8	11	9	3	0	0	0	0	0	0	0	0	32
14:00	0	1	5	13	4	1	0	0	0	0	0	0	0	0	24
15:00	0	2	10	11	8	5	1	0	0	0	0	0	0	0	37
16:00	0	1	3	21	14	4	0	0	0	0	0	0	0	0	43
17:00	0	1	5	17	23	8	0	0	0	0	0	0	0	0	54
18:00	0	1	1	10	14	9	1	0	0	0	0	0	0	0	36
19:00	0	0	2	6	9	4	0	0	0	0	0	0	0	0	21
20:00	0	0	3	16	5	2	0	0	0	0	0	0	0	0	26
21:00	0	0	4	4	9	5	0	1	0	0	0	0	0	0	23
22:00	0	0	1	9	3	1	0	0	0	0	0	0	0	0	14
23:00	0	0	0	1	0	2	1	0	0	0	0	0	0	0	4
Total	0	12	57	169	141	61	4	1	0	0	0	0	0	0	445

Daily

15th Percentile : 24 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 310
Percent in Pace : 69.7%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

Roads Service

Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008

Station ID:

A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/19/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	2	2	0	0	0	0	0	0	0	0	4
07:00	0	0	4	9	11	2	0	0	0	0	0	0	0	0	26
08:00	0	2	4	9	6	3	0	0	0	0	0	0	0	0	24
09:00	0	1	5	6	6	1	0	0	0	0	0	0	0	0	19
10:00	0	1	4	6	10	1	0	0	0	0	0	0	0	0	22
11:00	0	3	13	14	6	1	0	0	0	0	0	0	0	0	37
12 PM	0	4	5	12	8	2	0	0	0	0	0	0	0	0	31
13:00	0	0	4	9	7	3	0	0	0	0	0	0	0	0	23
14:00	0	0	3	9	9	1	2	0	0	0	0	0	0	0	24
15:00	0	2	4	8	5	2	0	0	0	0	0	0	0	0	21
16:00	0	2	7	12	15	2	0	0	0	0	0	0	0	0	38
17:00	0	0	4	19	19	7	1	0	0	0	0	0	0	0	50
18:00	0	0	5	7	14	3	1	0	0	0	0	0	0	0	30
19:00	0	1	3	3	12	1	0	0	0	0	0	0	0	0	20
20:00	0	0	3	7	6	3	0	0	0	0	0	0	0	0	19
21:00	0	1	1	7	3	7	0	0	0	0	0	0	0	0	19
22:00	0	1	0	2	2	1	1	0	0	0	0	0	0	0	7
23:00	0	0	0	0	2	2	0	0	0	0	0	0	0	0	4
Total	0	18	69	139	146	44	6	0	0	0	0	0	0	0	422

Daily

15th Percentile : 23 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 285
Percent in Pace : 67.5%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/20/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	1	3	1	0	0	0	0	0	0	0	5
07:00	0	0	0	8	5	4	0	0	0	0	0	0	0	0	17
08:00	0	1	8	3	4	5	0	0	0	0	0	0	0	0	21
09:00	0	1	2	5	9	2	0	0	0	0	0	0	0	0	19
10:00	0	0	1	12	11	0	0	0	0	0	0	0	0	0	24
11:00	0	1	7	10	5	0	2	0	0	0	0	0	0	0	25
12 PM	0	0	1	3	9	2	0	0	0	0	0	0	0	0	15
13:00	0	0	4	14	10	1	0	0	0	0	0	0	0	0	29
14:00	0	5	6	16	6	1	0	0	0	0	0	0	0	0	34
15:00	1	0	5	16	8	2	0	0	0	0	0	0	0	0	32
16:00	0	0	5	14	13	1	0	0	0	0	0	0	0	0	33
17:00	0	0	4	14	16	8	0	0	0	0	0	0	0	0	42
18:00	1	0	4	7	18	3	0	0	0	0	0	0	0	0	33
19:00	0	0	0	10	14	6	1	0	0	0	0	0	0	0	31
20:00	0	1	1	6	8	3	1	0	0	0	0	0	0	0	20
21:00	0	1	3	8	7	3	0	0	0	0	0	0	0	0	22
22:00	0	0	1	4	1	1	0	0	0	0	0	0	0	0	7
23:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Total	2	10	52	151	148	45	6	0	0	0	0	0	0	0	414

Daily
15th Percentile : 24 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 299
Percent in Pace : 72.2%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Grand Total	11	97	493	1201	1075	348	33	4	0	0	0	0	0	0	3262
-------------	----	----	-----	------	------	-----	----	---	---	---	---	---	---	---	------

Overall
15th Percentile : 23 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 38 MPH
Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 2276
Percent in Pace : 69.8%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

Roads Service

Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008

Station ID:

A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/13/1															
7	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	3	1	3	0	0	0	0	0	0	0	7
06:00	0	0	1	3	3	4	2	0	0	0	0	0	0	0	13
07:00	0	1	3	4	15	11	7	0	0	0	0	0	0	0	41
08:00	1	2	1	8	18	12	0	1	0	0	0	0	0	0	43
09:00	0	2	1	8	10	5	0	0	0	0	0	0	0	0	26
10:00	0	0	2	7	7	3	1	0	0	0	0	0	0	0	20
11:00	0	1	4	11	12	5	0	0	0	0	0	0	0	0	33
12 PM	0	0	5	12	13	3	0	0	0	0	0	0	0	0	33
13:00	1	0	4	14	10	1	0	0	0	0	0	0	0	0	30
14:00	0	2	3	13	8	4	0	0	0	0	0	0	0	0	30
15:00	0	1	6	14	9	3	1	0	0	0	0	0	0	0	34
16:00	0	1	4	13	11	6	1	0	0	0	0	0	0	0	36
17:00	0	1	5	10	12	4	0	0	0	0	0	0	0	0	32
18:00	0	0	2	7	4	5	0	0	0	0	0	0	0	0	18
19:00	0	0	0	2	2	0	1	0	0	0	0	0	0	0	5
20:00	0	1	2	1	6	1	0	1	0	0	0	0	0	0	12
21:00	0	0	0	5	7	3	0	0	0	0	0	0	0	0	15
22:00	0	0	0	4	5	1	0	0	0	0	0	0	0	0	10
23:00	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
Total	2	12	43	139	157	74	16	2	0	0	0	0	0	0	445

Daily

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 296
Percent in Pace : 66.5%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

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Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

East

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/14/17	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	1	3	1	0	0	0	0	0	0	0	5
06:00	0	0	1	1	2	5	2	0	0	0	0	0	0	0	11
07:00	0	0	2	3	8	17	6	0	0	0	0	0	0	0	36
08:00	0	1	1	2	16	11	3	0	0	0	0	0	0	0	34
09:00	0	0	1	8	10	8	2	0	0	0	0	0	0	0	29
10:00	0	2	4	15	9	3	0	0	0	0	0	0	0	0	33
11:00	2	0	2	11	13	2	0	0	0	0	0	0	0	0	30
12 PM	0	0	4	9	12	4	1	0	0	0	0	0	0	0	30
13:00	0	3	6	9	12	6	1	0	0	0	0	0	0	0	37
14:00	0	2	9	14	10	7	0	0	0	0	0	0	0	0	42
15:00	0	2	2	16	14	3	2	0	0	0	0	0	0	0	39
16:00	0	0	3	15	11	6	0	0	0	0	0	0	0	0	35
17:00	0	0	1	4	12	3	2	0	0	0	0	0	0	0	22
18:00	0	0	2	5	5	1	0	1	0	0	0	0	0	0	14
19:00	0	0	3	2	3	2	0	0	0	0	0	0	0	0	10
20:00	0	0	1	4	7	2	0	0	0	0	0	0	0	0	14
21:00	0	0	2	2	6	1	1	0	0	0	0	0	0	0	12
22:00	0	0	4	5	6	3	1	0	0	0	0	0	0	0	19
23:00	0	0	0	0	3	1	0	0	0	0	0	0	0	0	4
Total	2	10	48	126	160	89	22	1	0	0	0	0	0	0	458

Daily
15th Percentile : 25 MPH
50th Percentile : 31 MPH
85th Percentile : 37 MPH
95th Percentile : 40 MPH

Mean Speed(Average) : 32 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 286
Percent in Pace : 62.4%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0° 0.0000 Undefined

East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/15/1															
7	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
01:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
06:00	0	1	0	0	4	1	1	0	0	0	0	0	0	0	7
07:00	0	0	1	2	7	3	1	0	0	0	0	0	0	0	14
08:00	0	1	0	2	3	1	1	0	0	0	0	0	0	0	8
09:00	0	0	1	3	6	8	1	1	0	0	0	0	0	0	20
10:00	0	1	1	6	9	2	1	1	0	0	0	0	0	0	21
11:00	0	1	2	5	10	3	0	0	0	0	0	0	0	0	21
12 PM	0	1	1	8	10	4	1	0	0	0	0	0	0	0	25
13:00	0	0	5	4	10	6	1	0	0	0	0	0	0	0	26
14:00	0	0	4	8	18	2	0	0	0	0	0	0	0	0	32
15:00	0	3	6	9	13	4	2	0	0	0	0	0	0	0	37
16:00	0	0	1	9	11	2	0	0	0	0	0	0	0	0	23
17:00	0	1	1	9	5	3	0	1	0	0	0	0	0	0	20
18:00	0	0	0	2	5	2	0	0	0	0	0	0	0	0	9
19:00	0	0	3	4	2	6	1	0	0	0	0	0	0	0	16
20:00	0	0	1	2	0	2	1	0	0	0	0	0	0	0	6
21:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
22:00	0	0	0	1	3	0	0	1	0	0	0	0	0	0	5
23:00	0	0	0	2	7	0	0	0	0	0	0	0	0	0	9
Total	0	9	27	79	127	51	14	4	0	0	0	0	0	0	311

Daily

15th Percentile : 25 MPH
50th Percentile : 31 MPH
85th Percentile : 37 MPH
95th Percentile : 40 MPH

Mean Speed(Average) : 32 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 206
Percent in Pace : 66.2%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

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Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

East

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/16/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
06:00	0	0	0	0	1	2	1	0	0	0	0	0	0	0	4
07:00	0	0	0	0	0	3	1	0	0	0	0	0	0	0	4
08:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3
09:00	0	1	1	1	6	2	1	0	0	0	0	0	0	0	12
10:00	0	0	3	7	5	2	1	0	0	0	0	0	0	0	18
11:00	1	2	3	6	6	1	0	0	0	0	0	0	0	0	19
12 PM	0	0	2	9	19	2	0	0	0	0	0	0	0	0	32
13:00	0	3	7	19	14	6	1	0	0	0	0	0	0	0	50
14:00	0	0	8	15	15	6	1	0	0	0	0	0	0	0	45
15:00	1	1	4	22	13	1	0	1	0	0	0	0	0	0	43
16:00	0	2	4	14	12	4	0	0	0	0	0	0	0	0	36
17:00	0	1	3	10	10	5	0	0	0	0	0	0	0	0	29
18:00	1	2	3	3	6	1	0	0	0	0	0	0	0	0	16
19:00	0	0	2	3	4	5	0	0	0	0	0	0	0	0	14
20:00	0	0	0	5	4	0	2	1	0	0	0	0	0	0	12
21:00	0	0	1	3	2	0	0	0	0	0	0	0	0	0	6
22:00	0	0	0	1	2	1	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	12	41	118	120	43	9	3	0	0	0	0	0	0	349

Daily

15th Percentile : 24 MPH
50th Percentile : 30 MPH
85th Percentile : 35 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 238
Percent in Pace : 68.2%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

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Site Code: 2017 008
 Station ID:
 A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0° 0.0000 Undefined

East

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/17/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	2	0	3	0	0	0	0	0	0	0	5
06:00	0	0	0	1	5	8	4	0	0	0	0	0	0	0	18
07:00	0	0	0	1	8	14	6	1	0	0	0	0	0	0	30
08:00	0	0	3	7	21	11	4	0	0	0	0	0	0	0	46
09:00	0	0	3	4	12	5	1	0	0	0	0	0	0	0	25
10:00	0	1	4	7	15	10	0	0	0	0	0	0	0	0	37
11:00	0	2	3	12	8	1	0	0	0	0	0	0	0	0	26
12 PM	0	2	4	11	3	3	0	0	0	0	0	0	0	0	23
13:00	0	0	3	12	11	2	1	0	0	0	0	0	0	0	29
14:00	0	2	8	13	11	3	0	0	0	0	0	0	0	0	37
15:00	0	1	2	8	16	4	0	0	0	0	0	0	0	0	31
16:00	0	0	5	7	10	4	0	1	0	0	0	0	0	0	27
17:00	0	3	0	4	5	6	0	0	0	0	0	0	0	0	18
18:00	1	0	3	4	8	2	0	0	0	0	0	0	0	0	18
19:00	0	0	3	8	4	0	1	0	0	0	0	0	0	0	16
20:00	0	0	0	5	8	0	0	0	0	0	0	0	0	0	13
21:00	0	0	1	2	3	0	0	1	0	0	0	0	0	0	7
22:00	0	1	0	0	3	1	0	0	0	0	0	0	0	0	5
23:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
Total	1	12	42	107	154	74	20	3	0	0	0	0	0	0	413

Daily

15th Percentile : 25 MPH
 50th Percentile : 31 MPH
 85th Percentile : 37 MPH
 95th Percentile : 40 MPH

Mean Speed(Average) : 32 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 261
 Percent in Pace : 63.2%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

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Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/18/1															
7	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	3	1	2	0	0	0	0	0	0	0	6
06:00	0	0	0	2	6	4	4	0	0	0	0	0	0	0	16
07:00	0	0	1	6	12	7	9	1	0	0	0	0	0	0	36
08:00	0	1	1	9	16	14	2	0	0	0	0	0	0	0	43
09:00	0	1	3	8	6	7	1	0	0	0	0	0	0	0	26
10:00	0	0	3	11	8	2	1	0	0	0	0	0	0	0	25
11:00	0	0	3	6	8	3	2	0	0	0	0	0	0	0	22
12 PM	0	0	2	3	9	6	0	0	0	0	0	0	0	0	20
13:00	0	0	2	18	10	4	0	0	0	0	0	0	0	0	34
14:00	1	2	5	12	7	3	1	0	0	0	0	0	0	0	31
15:00	0	1	3	13	12	2	1	0	0	0	0	0	0	0	32
16:00	0	1	5	16	14	7	1	1	0	0	0	0	0	0	45
17:00	0	0	6	10	9	4	0	0	0	0	0	0	0	0	29
18:00	0	1	2	6	6	1	2	0	0	0	0	0	0	0	18
19:00	0	0	2	7	6	4	0	0	0	0	0	0	0	0	19
20:00	1	0	2	5	4	1	0	0	0	0	0	0	0	0	13
21:00	0	1	1	6	3	0	1	0	0	0	0	0	0	0	12
22:00	0	0	1	2	12	0	0	0	0	0	0	0	0	0	15
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Total	2	8	42	140	153	70	28	2	0	0	0	0	0	0	445

Daily

15th Percentile :	25 MPH
50th Percentile :	30 MPH
85th Percentile :	37 MPH
95th Percentile :	41 MPH
Mean Speed(Average) :	32 MPH
10 MPH Pace Speed :	26-35 MPH
Number in Pace :	293
Percent in Pace :	65.8%
Number of Vehicles > 55 MPH :	0
Percent of Vehicles > 55 MPH :	0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

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Site Code: 2017 008
 Station ID:
 A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

East

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/19/1															
7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	4	2	0	0	0	0	0	0	0	0	6
06:00	0	0	1	4	4	5	2	0	0	0	0	0	0	0	16
07:00	0	1	2	4	14	6	3	0	0	0	0	0	0	0	30
08:00	0	1	1	11	19	5	1	1	0	0	0	0	0	0	39
09:00	0	1	2	8	9	2	0	0	0	0	0	0	0	0	22
10:00	0	0	2	8	6	2	1	1	0	0	0	0	0	0	20
11:00	0	1	7	8	3	5	0	0	0	0	0	0	0	0	24
12 PM	0	0	5	10	11	2	0	0	0	0	0	0	0	0	28
13:00	0	2	1	5	12	6	1	0	0	0	0	0	0	0	27
14:00	0	0	6	9	10	2	0	0	0	0	0	0	0	0	27
15:00	0	3	2	12	11	0	1	0	0	0	0	0	0	0	29
16:00	1	1	6	17	14	3	2	0	0	0	0	0	0	0	44
17:00	0	2	6	12	11	4	1	0	0	0	0	0	0	0	36
18:00	1	0	5	6	6	3	3	0	0	0	0	0	0	0	24
19:00	0	0	1	5	3	5	0	0	0	0	0	0	0	0	14
20:00	0	0	3	7	3	2	0	0	0	0	0	0	0	0	15
21:00	0	0	0	3	2	1	0	0	0	0	0	0	0	0	6
22:00	0	0	0	3	3	2	0	0	0	0	0	0	0	0	8
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	12	50	132	146	58	15	2	0	0	0	0	0	0	417

Daily

15th Percentile : 24 MPH
 50th Percentile : 30 MPH
 85th Percentile : 36 MPH
 95th Percentile : 39 MPH

 Mean Speed(Average) : 31 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 278
 Percent in Pace : 66.7%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

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Roads Service Gremista, Lerwick, Shetland ZE1 0PX

Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

East

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total
07/20/1															
7	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	2	4	1	0	0	0	0	0	0	0	7
06:00	0	0	0	1	3	7	1	0	0	0	0	0	0	0	12
07:00	0	0	2	6	14	10	4	0	0	0	0	0	0	0	36
08:00	0	1	2	8	20	7	6	0	0	0	0	0	0	0	44
09:00	1	0	2	8	12	8	2	0	0	0	0	0	0	0	33
10:00	0	2	3	5	14	2	0	0	0	0	0	0	0	0	26
11:00	0	0	0	7	12	2	0	0	0	0	0	0	0	0	21
12 PM	0	1	7	10	6	1	0	0	0	0	0	0	0	0	25
13:00	0	2	3	7	6	8	0	0	0	0	0	0	0	0	26
14:00	1	1	7	8	4	2	0	0	0	0	0	0	0	0	23
15:00	0	0	5	11	6	4	0	0	0	0	0	0	0	0	26
16:00	0	0	11	10	12	6	0	0	0	0	0	0	0	0	39
17:00	0	0	4	7	13	3	3	0	0	0	0	0	0	0	30
18:00	0	3	3	6	7	0	1	0	0	0	0	0	0	0	20
19:00	0	0	1	7	3	4	0	0	1	0	0	0	0	0	16
20:00	0	2	0	3	6	2	1	0	0	0	0	0	0	0	14
21:00	0	0	0	1	2	4	1	0	0	0	0	0	0	0	8
22:00	0	0	0	5	2	1	0	0	0	0	0	0	0	0	8
23:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	3
Total	2	12	50	110	148	76	21	0	1	0	0	0	0	0	420

Daily
15th Percentile : 24 MPH
50th Percentile : 31 MPH
85th Percentile : 37 MPH
95th Percentile : 40 MPH
Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 258
Percent in Pace : 61.4%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Grand Total	14	87	343	951	1165	535	145	17	1	0	0	0	0	0	3258
-------------	----	----	-----	-----	------	-----	-----	----	---	---	---	---	---	---	------

Overall
15th Percentile : 25 MPH
50th Percentile : 31 MPH
85th Percentile : 36 MPH
95th Percentile : 40 MPH
Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 2116
Percent in Pace : 64.9%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/13/1															
7	0	0	0	3	1	0	0	0	0	0	0	0	0	0	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	3	1	3	0	0	0	0	0	0	0	7
06:00	0	0	1	3	5	7	2	0	0	0	0	0	0	0	18
07:00	0	2	4	14	19	14	7	0	0	0	0	0	0	0	60
08:00	1	5	5	20	22	13	0	1	0	0	0	0	0	0	67
09:00	0	2	3	16	16	6	0	0	0	0	0	0	0	0	43
10:00	0	1	9	23	12	4	1	0	0	0	0	0	0	0	50
11:00	0	6	10	25	16	8	0	0	0	0	0	0	0	0	65
12 PM	0	1	12	21	21	3	0	0	0	0	0	0	0	0	58
13:00	1	0	11	28	21	1	0	0	0	0	0	0	0	0	62
14:00	1	2	6	24	19	5	0	0	0	0	0	0	0	0	57
15:00	1	3	20	23	13	6	1	0	0	0	0	0	0	0	67
16:00	1	1	10	25	24	9	1	0	0	0	0	0	0	0	71
17:00	0	2	12	35	29	8	1	0	0	0	0	0	0	0	87
18:00	0	0	3	10	18	16	0	0	0	0	0	0	0	0	47
19:00	0	0	5	8	9	3	1	0	0	0	0	0	0	0	26
20:00	0	1	4	10	16	8	0	1	0	0	0	0	0	0	40
21:00	0	0	0	9	15	6	0	0	0	0	0	0	0	0	30
22:00	0	0	0	6	11	2	1	1	0	0	0	0	0	0	21
23:00	0	0	0	1	1	2	1	0	0	0	0	0	0	0	5
Total	5	26	115	305	292	123	19	3	0	0	0	0	0	0	888

Daily

15th Percentile : 24 MPH
50th Percentile : 29 MPH
85th Percentile : 35 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 597
Percent in Pace : 67.2%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

Roads Service

Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008

Station ID:

A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0° 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/14/1															
7	0	0	0	1	0	2	0	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	1	3	1	0	0	0	0	0	0	0	5
06:00	0	0	1	1	3	7	2	0	0	0	0	0	0	0	14
07:00	0	0	3	9	18	22	6	0	0	0	0	0	0	0	58
08:00	0	1	2	7	24	13	4	0	0	0	0	0	0	0	51
09:00	0	0	6	20	19	12	2	0	0	0	0	0	0	0	59
10:00	0	4	11	27	18	4	0	0	0	0	0	0	0	0	64
11:00	2	1	9	23	20	3	0	0	0	0	0	0	0	0	58
12 PM	0	1	13	25	24	7	1	0	0	0	0	0	0	0	71
13:00	0	4	12	17	19	10	1	0	0	0	0	0	0	0	63
14:00	0	3	14	28	19	10	0	0	0	0	0	0	0	0	74
15:00	0	3	7	30	26	4	2	0	0	0	0	0	0	0	72
16:00	1	1	7	35	30	8	1	0	0	0	0	0	0	0	83
17:00	0	1	2	21	35	11	3	0	0	0	0	0	0	0	73
18:00	0	2	8	20	25	4	0	1	0	0	0	0	0	0	60
19:00	0	0	5	13	12	4	0	1	0	0	0	0	0	0	35
20:00	0	0	2	10	7	3	0	0	0	0	0	0	0	0	22
21:00	0	0	2	6	10	1	2	0	0	0	0	0	0	0	21
22:00	0	0	4	8	11	3	2	0	0	0	0	0	0	0	28
23:00	0	0	1	2	4	1	1	0	0	0	0	0	0	0	9
Total	3	21	109	304	326	132	28	2	0	0	0	0	0	0	925

Daily

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 35 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 630
Percent in Pace : 68.1%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/15/1															
7	0	0	0	1	4	1	0	0	0	0	0	0	0	0	6
01:00	0	0	0	2	3	0	1	0	0	0	0	0	0	0	6
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
06:00	0	1	0	0	5	5	1	0	0	0	0	0	0	0	12
07:00	0	0	1	4	10	3	1	0	0	0	0	0	0	0	19
08:00	0	1	3	5	5	3	1	0	0	0	0	0	0	0	18
09:00	0	0	4	9	11	8	1	1	0	0	0	0	0	0	34
10:00	0	1	2	14	15	2	2	1	0	0	0	0	0	0	37
11:00	1	1	8	18	15	4	0	0	0	0	0	0	0	0	47
12 PM	0	1	3	16	19	7	1	0	0	0	0	0	0	0	47
13:00	0	0	10	14	25	7	1	0	0	0	0	0	0	0	57
14:00	0	2	5	18	23	2	0	0	0	0	0	0	0	0	50
15:00	1	3	11	24	23	5	2	0	0	0	0	0	0	0	69
16:00	0	0	4	22	25	4	0	0	0	0	0	0	0	0	55
17:00	0	3	4	19	16	4	0	1	0	0	0	0	0	0	47
18:00	0	2	3	12	11	6	1	0	0	0	0	0	0	0	35
19:00	0	1	9	7	5	7	1	0	0	0	0	0	0	0	30
20:00	0	0	3	7	0	4	1	0	0	0	0	0	0	0	15
21:00	0	0	0	1	3	1	0	0	0	0	0	0	0	0	5
22:00	0	0	1	1	5	1	0	1	0	0	0	0	0	0	9
23:00	0	0	1	2	8	1	0	0	0	0	0	0	0	0	12
Total	2	16	72	196	233	75	18	5	0	0	0	0	0	0	617

Daily

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 35 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 429
Percent in Pace : 69.5%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

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Roads Service

Gremista, Lerwick, Shetland
ZE1 0PX

Site Code: 2017 008

Station ID:

A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/16/1															
7	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
06:00	0	0	0	1	1	3	1	0	0	0	0	0	0	0	6
07:00	0	0	0	0	2	5	1	0	0	0	0	0	0	0	8
08:00	0	0	0	2	2	3	0	0	0	0	0	0	0	0	7
09:00	0	1	2	3	7	3	1	0	0	0	0	0	0	0	17
10:00	0	1	6	18	9	4	1	0	0	0	0	0	0	0	39
11:00	1	5	7	15	20	4	0	0	0	0	0	0	0	0	52
12 PM	0	2	12	26	28	5	0	0	0	0	0	0	0	0	73
13:00	0	4	15	35	24	6	1	0	0	0	0	0	0	0	85
14:00	0	0	15	35	25	8	1	0	0	0	0	0	0	0	84
15:00	1	3	16	43	19	4	0	1	0	0	0	0	0	0	87
16:00	0	3	13	24	21	6	0	0	0	0	0	0	0	0	67
17:00	0	2	9	16	16	7	0	0	0	0	0	0	0	0	50
18:00	1	3	6	8	13	4	0	0	0	0	0	0	0	0	35
19:00	0	1	4	9	15	7	1	0	0	0	0	0	0	0	37
20:00	0	0	0	6	8	1	2	1	0	0	0	0	0	0	18
21:00	0	0	1	7	4	1	0	0	0	0	0	0	0	0	13
22:00	0	0	3	5	4	2	0	0	0	0	0	0	0	0	14
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Total	3	25	109	253	222	74	11	3	0	0	0	0	0	0	700

Daily

15th Percentile : 23 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 475
Percent in Pace : 67.9%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/17/1															
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	3	0	3	0	0	0	0	0	0	0	6
06:00	0	0	0	1	9	11	4	0	0	0	0	0	0	0	25
07:00	0	0	1	10	15	17	6	1	0	0	0	0	0	0	50
08:00	0	0	8	13	24	15	4	0	0	0	0	0	0	0	64
09:00	0	0	5	12	19	7	1	0	0	0	0	0	0	0	44
10:00	0	4	9	20	24	10	0	0	0	0	0	0	0	0	67
11:00	1	4	13	25	14	1	0	0	0	0	0	0	0	0	58
12 PM	1	2	14	19	7	6	0	0	0	0	0	0	0	0	49
13:00	0	0	11	21	18	7	1	0	0	0	0	0	0	0	58
14:00	0	4	12	19	17	4	1	0	0	0	0	0	0	0	57
15:00	0	1	8	18	26	4	0	0	0	0	0	0	0	0	57
16:00	1	2	9	21	18	5	0	1	0	0	0	0	0	0	57
17:00	0	3	7	26	27	15	0	0	0	0	0	0	0	0	78
18:00	1	0	5	14	20	10	0	0	0	0	0	0	0	0	50
19:00	0	1	4	15	13	5	2	0	0	0	0	0	0	0	40
20:00	0	1	2	7	13	3	0	0	0	0	0	0	0	0	26
21:00	0	0	2	8	6	1	0	1	0	0	0	0	0	0	18
22:00	0	2	0	2	7	2	0	0	0	0	0	0	0	0	13
23:00	0	0	1	2	4	1	0	0	0	0	0	0	0	0	8
Total	4	24	111	253	285	125	22	3	0	0	0	0	0	0	827

Daily

15th Percentile : 24 MPH
50th Percentile : 30 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 538
Percent in Pace : 65.1%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council

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Roads Service

Gremista, Lerwick, Shetland
ZE1 0PX

Site Code: 2017 008

Station ID:

A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/18/1															
7	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	4	1	2	0	0	0	0	0	0	0	7
06:00	0	0	0	2	7	5	4	0	0	0	0	0	0	0	18
07:00	0	2	1	14	18	8	9	1	0	0	0	0	0	0	53
08:00	0	1	7	17	22	18	2	0	0	0	0	0	0	0	67
09:00	0	1	8	17	12	8	1	0	0	0	0	0	0	0	47
10:00	0	2	4	15	19	5	1	0	0	0	0	0	0	0	46
11:00	0	1	5	15	13	5	2	0	0	0	0	0	0	0	41
12 PM	0	0	3	15	14	10	1	0	0	0	0	0	0	0	43
13:00	0	1	10	29	19	7	0	0	0	0	0	0	0	0	66
14:00	1	3	10	25	11	4	1	0	0	0	0	0	0	0	55
15:00	0	3	13	24	20	7	2	0	0	0	0	0	0	0	69
16:00	0	2	8	37	28	11	1	1	0	0	0	0	0	0	88
17:00	0	1	11	27	32	12	0	0	0	0	0	0	0	0	83
18:00	0	2	3	16	20	10	3	0	0	0	0	0	0	0	54
19:00	0	0	4	13	15	8	0	0	0	0	0	0	0	0	40
20:00	1	0	5	21	9	3	0	0	0	0	0	0	0	0	39
21:00	0	1	5	10	12	5	1	1	0	0	0	0	0	0	35
22:00	0	0	2	11	15	1	0	0	0	0	0	0	0	0	29
23:00	0	0	0	1	1	2	1	0	0	0	0	0	0	0	5
Total	2	20	99	309	294	131	32	3	0	0	0	0	0	0	890

Daily

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 603
Percent in Pace : 67.8%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
Gremista, Lerwick, Shetland
ZE1 0PX

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Site Code: 2017 008
Station ID:
A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/19/1															
7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	5	2	0	0	0	0	0	0	0	0	7
06:00	0	0	1	4	6	7	2	0	0	0	0	0	0	0	20
07:00	0	1	6	13	25	8	3	0	0	0	0	0	0	0	56
08:00	0	3	5	20	25	8	1	1	0	0	0	0	0	0	63
09:00	0	2	7	14	15	3	0	0	0	0	0	0	0	0	41
10:00	0	1	6	14	16	3	1	1	0	0	0	0	0	0	42
11:00	0	4	20	22	9	6	0	0	0	0	0	0	0	0	61
12 PM	0	4	10	22	19	4	0	0	0	0	0	0	0	0	59
13:00	0	2	5	14	19	9	1	0	0	0	0	0	0	0	50
14:00	0	0	9	18	19	3	2	0	0	0	0	0	0	0	51
15:00	0	5	6	20	16	2	1	0	0	0	0	0	0	0	50
16:00	1	3	13	29	29	5	2	0	0	0	0	0	0	0	82
17:00	0	2	10	31	30	11	2	0	0	0	0	0	0	0	86
18:00	1	0	10	13	20	6	4	0	0	0	0	0	0	0	54
19:00	0	1	4	8	15	6	0	0	0	0	0	0	0	0	34
20:00	0	0	6	14	9	5	0	0	0	0	0	0	0	0	34
21:00	0	1	1	10	5	8	0	0	0	0	0	0	0	0	25
22:00	0	1	0	5	5	3	1	0	0	0	0	0	0	0	15
23:00	0	0	0	0	2	2	0	0	0	0	0	0	0	0	4
Total	2	30	119	271	292	102	21	2	0	0	0	0	0	0	839

Daily

15th Percentile : 23 MPH
50th Percentile : 29 MPH
85th Percentile : 34 MPH
95th Percentile : 39 MPH

Mean Speed(Average): 30 MPH
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 563
Percent in Pace : 67.1%
Number of Vehicles > 55 MPH : 0
Percent of Vehicles > 55 MPH : 0.0%

Shetland Islands Council
Roads Service
 Gremista, Lerwick, Shetland
 ZE1 0PX

Page 24

Site Code: 2017 008
 Station ID:
 A971, Mara Lee, Bridge of Walls, Ch1 W

Latitude: 0' 0.0000 Undefined

West, East

Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76	
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total
07/20/1															
7	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	2	4	1	0	0	0	0	0	0	0	7
06:00	0	0	0	1	4	10	2	0	0	0	0	0	0	0	17
07:00	0	0	2	14	19	14	4	0	0	0	0	0	0	0	53
08:00	0	2	10	11	24	12	6	0	0	0	0	0	0	0	65
09:00	1	1	4	13	21	10	2	0	0	0	0	0	0	0	52
10:00	0	2	4	17	25	2	0	0	0	0	0	0	0	0	50
11:00	0	1	7	17	17	2	2	0	0	0	0	0	0	0	46
12 PM	0	1	8	13	15	3	0	0	0	0	0	0	0	0	40
13:00	0	2	7	21	16	9	0	0	0	0	0	0	0	0	55
14:00	1	6	13	24	10	3	0	0	0	0	0	0	0	0	57
15:00	1	0	10	27	14	6	0	0	0	0	0	0	0	0	58
16:00	0	0	16	24	25	7	0	0	0	0	0	0	0	0	72
17:00	0	0	8	21	29	11	3	0	0	0	0	0	0	0	72
18:00	1	3	7	13	25	3	1	0	0	0	0	0	0	0	53
19:00	0	0	1	17	17	10	1	0	1	0	0	0	0	0	47
20:00	0	3	1	9	14	5	2	0	0	0	0	0	0	0	34
21:00	0	1	3	9	9	7	1	0	0	0	0	0	0	0	30
22:00	0	0	1	9	3	2	0	0	0	0	0	0	0	0	15
23:00	0	0	0	0	3	1	1	0	0	0	0	0	0	0	5
Total	4	22	102	261	296	121	27	0	1	0	0	0	0	0	834

Daily

15th Percentile : 24 MPH
 50th Percentile : 30 MPH
 85th Percentile : 35 MPH
 95th Percentile : 39 MPH

Mean Speed(Average) : 31 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 557
 Percent in Pace : 66.8%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

Grand Total	25	184	836	2152	2240	883	178	21	1	0	0	0	0	0	6520
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Overall

15th Percentile : 24 MPH
 50th Percentile : 30 MPH
 85th Percentile : 35 MPH
 95th Percentile : 39 MPH

Mean Speed(Average) : 31 MPH
 10 MPH Pace Speed : 26-35 MPH
 Number in Pace : 4392
 Percent in Pace : 67.4%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%