

# Infrastructure & Transport Focus Group



# Flood Prevention & Sewerage



# River Flooding

- The rivers through Crudwell, once well managed, were neglected for many years and as a result flooded severely in 2007, 30 properties were flooded.
- Flooding of roads and property continues to occur during heavy rainfall.
- Wiltshire County Council has undertaken some local improvements to road drainage but it has no further plans to alleviate the current risk of flooding.
- Villagers clear the Swill Brook each year on a voluntary basis. This helps the situation but is insufficient and not a strategic solution.  
The Environment Agency has provided advice to the volunteers particularly on river channel widening.



# River Flooding

- There is considerable concern amongst villagers about the risk of river flooding to property and livelihoods.
- Wiltshire County Council has commissioned a Crudwell Flood Alleviation Study and Hydraulic Model. This recognises the wider river channel has reduced the risk of river flooding but only if combined with a maintenance plan. There is no council aim or funding for such a maintenance plan but lobbying by villagers continues.
- New development will further increase the risk of flooding if located in areas where river flooding already occurs. In other areas sustainable drainage solutions (attenuation of surface water runoff) must be designed in and strictly enforced.









# Recommended Policies

**Policy FS1-** The Neighbourhood Plan should state that any new housing, community and commercial development in the area should not increase the risk of river flooding.

**Policy FS2-** The current river maintenance work by volunteers, whilst effective, should be formalised and properly paid for out of local community and/or development-related funds.



# Sewerage & Sewage Flooding

- There are two types of sewer in and around Crudwell: Foul sewers collect and transfer domestic waste to treatment works. Surface water sewers carry rainwater away to rivers and soakaways. It is known that some surface water (eg from roofs) enters the foul system.
- Foul sewage mixed with some surface water gravitates to a pumping station near the Ridgeway from where it's pumped to Hankerton and on to the treatment works at Malmesbury.
- Crudwell Parish has suffered sewage flooding to roads, open spaces and properties for many years and that continues to this day.
- Flooding is caused by surface and groundwater piped or seeping into the foul sewers (probably through cracks in pipes and manholes) and overloading them.
- There is considerable concern amongst residents about sewage flooding, its effect on health, property and the environment and the need to ensure that future development should not increase the flooding risk.



# Sewerage & Sewage Flooding

- Wessex Water is aware there are sewer capacity and flooding problems.
- Its proposed solution of a storage tank and very occasional pumped overflows to the river was abandoned as too expensive and environmentally unsound.
- It is currently surveying the sewers to identify and repair any cracks in the hope this will reduce the flows during wet weather and thus the risk of flooding.
- Any new development will only increase the risk of sewage flooding.
- Wessex Water is consulted on any new development and has a duty to confirm the sewerage network can accommodate it or whether it should be upgraded accordingly.





# Recommended Policy

**Policy FS3-** The Neighbourhood Plan should stipulate that any new housing, community and commercial development in the neighbourhood area should not increase the risk of flooding from sewers.



# Traffic and Sustainable Transport

If the speed and safety of the roads were improved in the parish, then more people would be willing to walk and cycle, therefore reducing the traffic on the roads and helping with climate change.

Any further development will only serve to increase the traffic flow and therefore will need to address the issues of traffic and road safety first.





# Wiltshire Core Strategy says ...

- The council will use its planning and transport powers to help **reduce the need to travel, particularly by private car, and support and encourage the sustainable, safe and efficient movement of people and goods.**
- Market towns and service centres will have become more self-contained and **supported by the necessary infrastructure with a consequent reduction in the need to travel.**
- **Tackling climate change** is a key Government policy and the **reduction in the need to travel will contribute towards meeting climate change objectives.**





## 81% of parishioner responses identified traffic /transport as an area of importance to them. This is what you would like to see:

- Continuation of footpath along Tetbury Lane
- Enforcement of 30 mph utilising speed cameras, traffic calming etc
- School car park with safe access to the school
- Increase cycle paths and byways and foot paths around the Parish
- Extension of 30 mph zone
- Widening of existing footpaths along A429
- Any road resurfacing to include a noise reducing asphalt
- Co-location of bus shelter and bus stop going North in Crudwell
- Increased 30 mph signage along The Street
- Reduction of speed limit on country lanes
- 20mph zone in all villages as they are now being adopted in Scotland



# Planned Road Safety Improvements 2018/2019

- Wiltshire Council will provide a new footway and crossing point along A429
- Introduction of advisory part time 20 mph speed limit outside Crudwell Primary School
- Refresh school 'Keep Clear' markings
- Marking of parking bays on Eastcourt Road



# Community Infrastructure Levy (CIL)

- Neighbourhood portion is currently 15% and will increase to 25% when we have a Neighbourhood Plan. This is allocated to the Parish Council for them to spend on infrastructure or anything else that addresses the demands placed on the area as a result of the new development.
- The sums of money are in the order of £50,000 to £75,000, depending on exactly how many homes are built and how big they are.
- The Neighbourhood Plan allows the community to prioritise how the neighbourhood element should be best spent.
- The Parish Council allocated the CIL money received from the Ridgeway Development to new swings at Crudwell Playground.



## What would you like to see CIL money from a potential new development spent on?

- Increase speed signage in the village and around the Parish
- Traffic calming measures
- Cycle ways and byways around the Parish
- Pavement to continue down Tetbury Lane and a safe crossing
- Bypass
- Any other suggestions...





# Community Speedwatch (CSW) and General Highways Issues

- CSW is a national initiative where active members of local communities join with the support of the Police to monitor speeds of vehicles using speed detection devices.
- The Parish Council are looking for local people to sign up for this: Please contact Lisa Dent - Crudwell Parish Clerk ([parish.clerk@crudwell-pc.gov.uk](mailto:parish.clerk@crudwell-pc.gov.uk)) 01285 658172.
- Community Area Transport Groups are a sub group of the Community Area Boards that deal with specific Highways issues. It would be a Parish / Town representative to attend the group and endorse a concern / suggestion.
- For potholes etc – [northernhighways@wiltshire.gov.uk](mailto:northernhighways@wiltshire.gov.uk)



# Public Transport



# CRUDWELL AND THE ASSOCIATED VILLAGES ARE POORLY SERVED BY PUBLIC TRANSPORT

- Only 5 bus services a day link Malmesbury / Crudwell / Cirencester (each way). None on Sundays.
- There are no bus services between Crudwell and Kemble station or the business park.
- Chedglow Eastcourt, Kemble business park, have no public transport
- The delivery and collection of children at the school causes traffic problems.
- The Swindon / Gloucester rail line is not in the Wiltshire Core Policy 66 Strategic Transport network.
- There are no strategic bus services north of Malmesbury in the Wiltshire Core Policy.
- There are no current plans for an A429 bypass.





# Would You?

- Use public transport if the service were better.
- Support and use a bus service to Kemble station.
- Use a through bus service to Chippenham.
- Like to be involved in volunteer transport.
- Like to be involved in car-share schemes.
- Support a community bus for school collection / return.



# Broadband & Mobile



# Broadband & Mobile

- Of the parish residents who responded to the initial Neighbourhood Plan Engagement Survey, over 10% stressed the need for continued improvement in broadband speeds and the provision for better mobile communications coverage.
- Within the parish over 12% of residents (approx 24% of households) are either self-employed or operate businesses with no employees so effectively work for themselves with no support; commonly this is in service activities that require access to a computer and a good broadband connection.



# Broadband & Mobile

- Implementation of Fibre-to-the-Cabinet (FTTC) has enabled delivery of improved broadband speeds. A number of factors dictate the speeds available but many properties (see table) should be capable of receiving upwards of 15Mbps. Some properties are connected via Exchange Only (EO) lines that severely limits the available bandwidth, however, Openreach advise that a solution for EO lines will be rolled-out from the end of 2018.
- In addition, Gigaclear have been contracted by Wiltshire Council to deliver ultrafast fibre broadband (50Mbps up to 1000Mbps) and should commence in the Crudwell area in the Autumn of 2018, with completion scheduled for the first quarter of 2019. It is suggested that interested residents register their details with Gigaclear to follow the progress of the Gigaclear roll out.



Postcode	Location	Current Max Broadband Speed	Information
SN16 9EP	Crudwell	80Mbps	Gigaclear fibre available by Mid 2019
SN16 9ER		80Mbps	Gigaclear fibre available by Mid 2019
SN16 9EQ		80Mbps	Gigaclear fibre available by Mid 2019
SN16 9HB		43Mbps	Gigaclear fibre available by Mid 2019
SN16 9EY		41Mbps	Gigaclear fibre available by Mid 2019
SN16 9HG		80Mbps	Gigaclear fibre available by Mid 2019
SN16 9SG	Chelworth	54Mbps	Some EO lines ( 2 Mbps max). Gigaclear fibre available by Mid 2018
SN16 9EX	Murcott	25Mbps	Some EO lines ( 2 Mbps max). Gigaclear fibre available by Mid 2019
SN16 9EZ	Chedglow	29Mbps	Some EO lines ( 2 Mbps max). Gigaclear fibre available by Mid 2020
SN16 9HN	Eastcourt	80MBps	This area has already been upgraded by Wiltshire Online and all should be capable of receiving a superfast fibre service
GL7 6AZ	The Firs	4 MBps	Some EO lines ( 2 Mbps max). Gigaclear fibre available by Mid 2019

# Broadband & Mobile

- Basic Mobile communications across the Parish is reasonable but there are some areas of poor reception which is dependent upon which of the four network providers (EE, Vodafone, 3 or O2) are supplying the signal. Mobile data communications (2, 3 & 4G) is also variable with some areas of very good reception, others not so and particular poor around the Eastcourt area (see coverage maps).



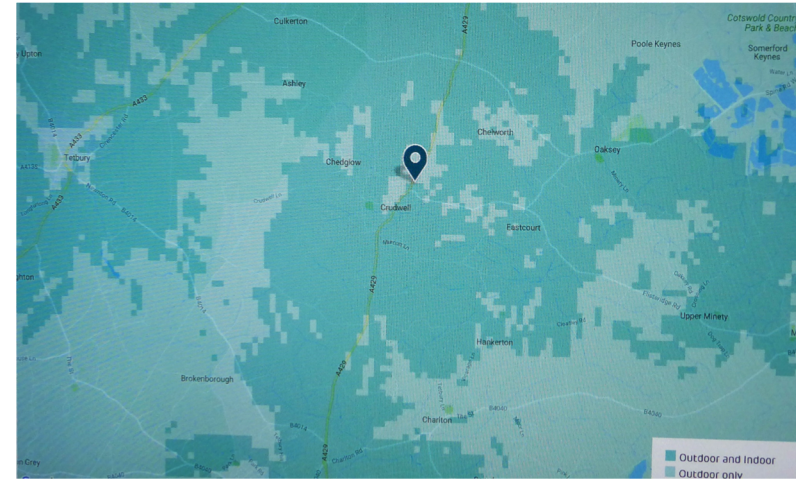


# Coverage Maps

O2 4G



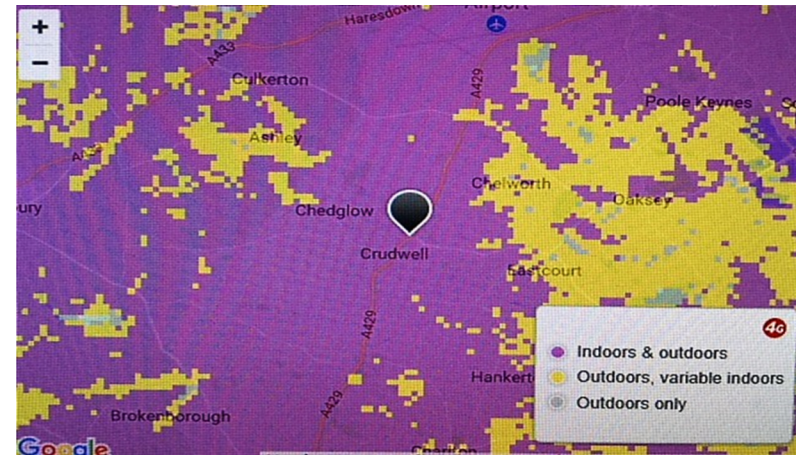
EE 4G



3 4G



Vodafone 4 G



# Recommended Policies

**Policy BM1** - Applications for residential development must contain a 'Connectivity Statement' and will provide for suitable ducting in a timely manner to enable service providers to deliver a fibre connection to individual properties.

**Policy BM2** - Proposals which seek the expansion of electronics communication networks and high speed broadband will be supported where the applicant has fully explored the opportunities to erect apparatus on existing buildings, masts or other structures and where the development has been sited and designed to minimise the impacts on the character and appearance of the parish.





We would welcome  
your input



# What would you like to see CIL money from a potential new development spent on?

Item	Place your Votes Here
Increase speed signage in the village and around the Parish	
Traffic calming measures	
Cycle ways and byways around the Parish	
Pavement to continue down Tetbury Lane and a safe crossing	
Bypass	

# Would You?

Item	Place your Votes Here
Use public transport if the service were better Supported	
Use a bus service to Kemble station	
Use a through bus service to Chippenham	
Like to be involved in volunteer transport	
Like to be involved in car-share schemes	

Please use the feedback  
forms for  
your comments and ideas.

