

Agenda

Apologies for absence

To receive declaration of interest to items on the
agenda

To discuss the traffic study results

Update on full results from flood study

Update on LIF Road Safety Project

Network Rail proposals for Bramley Level Crossing

Confirm date of next meeting – Wed 19th Oct 2016

Traffic Study
2016

Bramley Parish





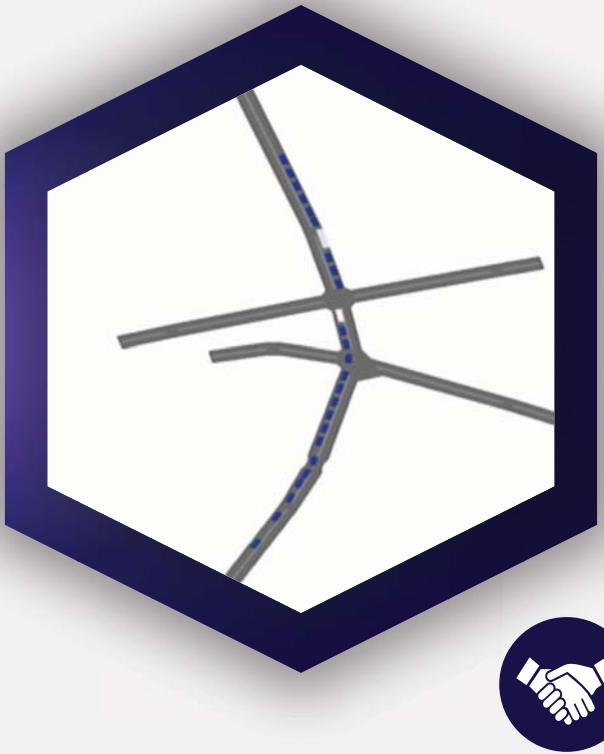
Problem & Analysis



- ▶ Traffic within Parish when linked to development is the No1 concern for residents
- ▶ Consistent development applications have used out of date and limited content for traffic impact assessments
- ▶ The accompanying Transport Assessments all concluded

“The traffic movements generated by the proposals are likely to be very low and will result in a minimal impact on the operation of the local highway network.”

- ▶ However, they only looked at adjacent junctions and the increase in vehicles at the level crossing.



Mission Statement

To commission an independent consultant to undertake an in depth traffic assessment for the Parish, specifically to address these points;



A much larger assessment area than developers and highways have historically used



To consider not only the long term growth in traffic but the developments of Minchens Lane (200), Strawberry Fields (50) and The Street (84)



Build a micro-simulation traffic model



Undertake more comprehensive traffic surveys

Why does Bramley need a traffic model

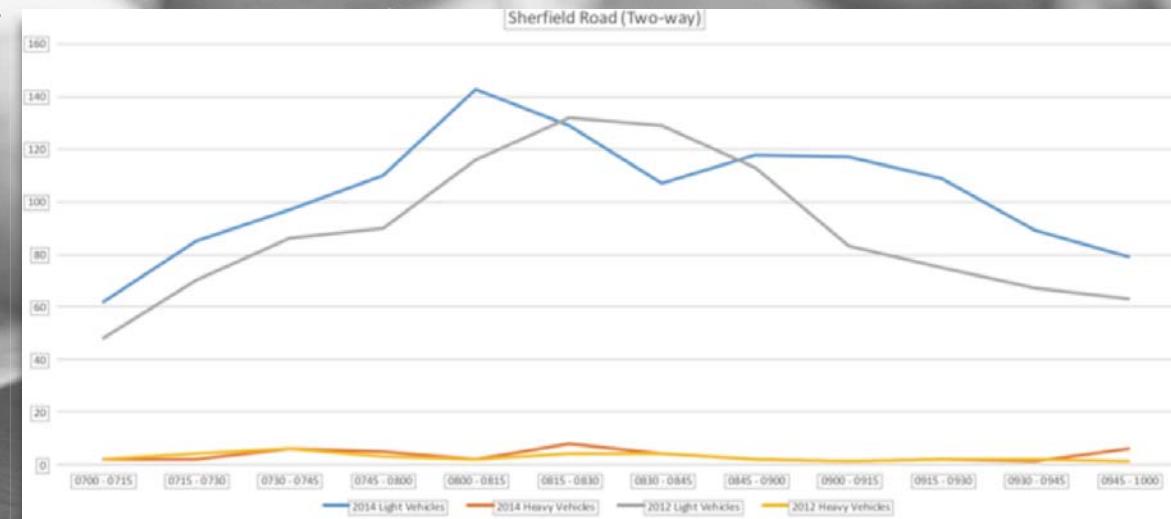
- Basingstoke and Deane adopted local Plan
 - Policy D5
 - Policy D8
 - Policy C2
- Basingstoke and Deane local development plan
 - Policy SS5 - An allocation of at least 200 homes for Bramley
 - Planning applications approved
 - Minchens Lane 200
 - Sherfield Road 50
 - The Street 84

To support future objections

Transport assessment paper March 2016

Based on existing data – as used by Highways/developers

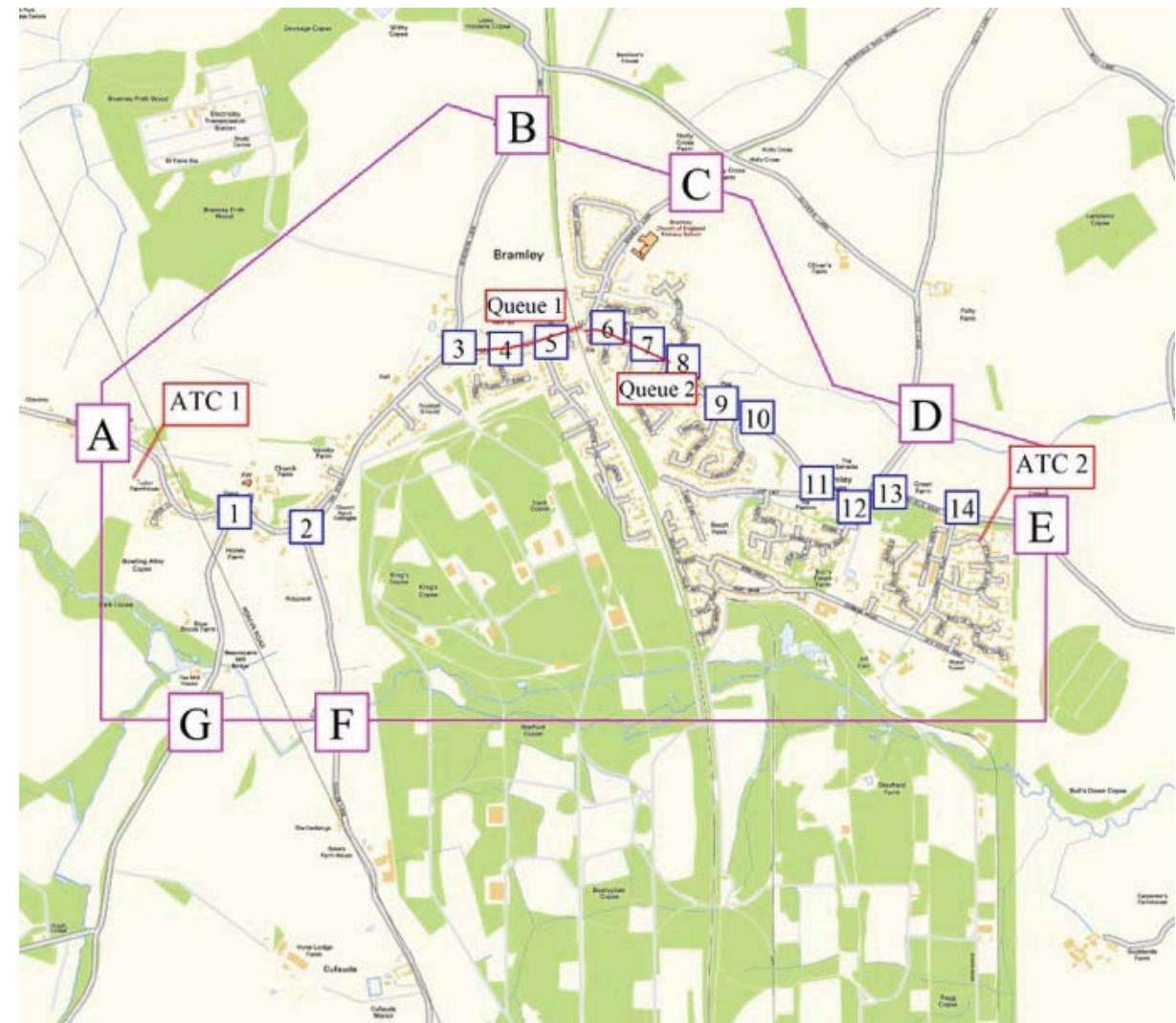
- Wednesday November 7th 2012
- Thursday March 20th 2014
- Tuesday April 29th 2014

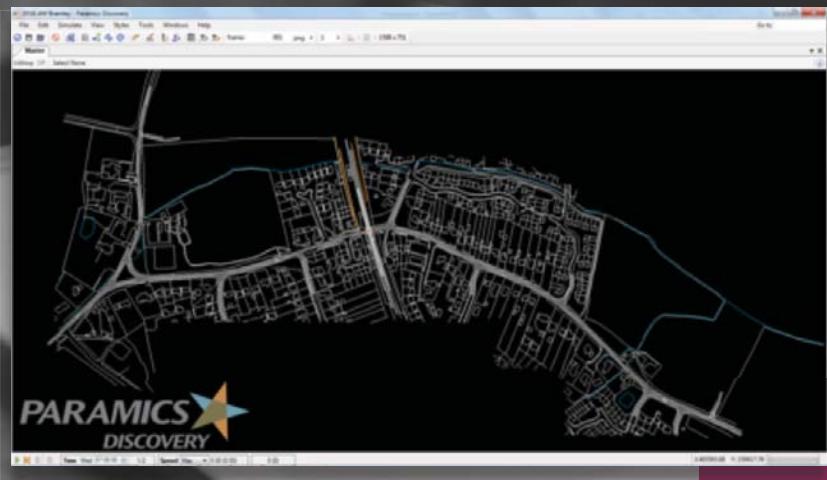


- Automatic Number Plate Recognition Surveys
- Junction Turning Movement Counts
- Queue Length Surveys
- Automatic Traffic Counts
- 1 week period

Traffic survey

- 7 ANPR Sites
- 14 Turning movement sites
- 2 Automatic Traffic counts
- 2 Queue Length Surveys





Paramics Discorvey Micro-simulation Traffic model

Micro-simulation is a computer program that simulates vehicles driving on a highway network.

It is the ideal tool for representing the Bramley road network and level crossing.

The road network is built on the OS digital CAD background.

The base traffic flows are obtained from traffic surveys.

Base Traffic Models

2016 AM – 07:00 to 10:00 using the Traffic survey data

2016 PM – 16:00 to 19:00 using the Traffic survey data

Future Traffic Models

2021 AM – this is the 2016 flows factored to 2021 using the National Transport Model (NTM) traffic growth calculations.

2021 AM + Developments – this has the added traffic from the three developments, the green cars are Sherfield Road, the light blue are Minchens Lane and the orange cars are from The Street.



2016 AM SURVEY



2021 AM SURVEY



2016 PM SURVEY



2021 AM + DEVELOPMENT

GREEN CARS – SHERFIELD ROAD
LIGHT BLUE CARS – MINCHENS LANE
ORANGE CARS – THE STREET

Communication Plan

Hampshire County Council

- LIF Partnership
- Meeting Highways
- Presentation of findings

Basingstoke and Deane Borough

- Local plan
- Travel plan

Other Parishes

- Sherfield-on-Loddon
- Others ?



**Queues
likely**

A red triangular warning sign with a black border and a white background. Inside the triangle, there are three black silhouettes of cars, with the top one having a long tailback. Below the triangle is a black rectangular sign with a white border and a black background. The words "Queues likely" are written in white, bold, sans-serif font on this sign.

Parish Residents

- Community engagement day
- Data online availability
- Feedback

*Flood plain study
2015*

Bramley Parish



Problem & Analysis



- ▶ Planning application 15/02708/OUT
Land to the North of Bramley – Strawberry Fields
- ▶ Original application for up to 200 dwellings
- ▶ Area is detailed within the environment agency area fluvial (rivers) floodplain of the Bramley Green Stream
- ▶ Consistent planning applications were being submitted with generic information based on desktop studies
- ▶ The Environment Agency (EA) flood map is based upon nationalised flood modelling methodologies, which due to their low resolution and coarse topographic data are inherently inaccurate.



Executive Summary

To commission an independent consultant to undertake a flood study report to assess planning application reference number 15/02708/OUT.

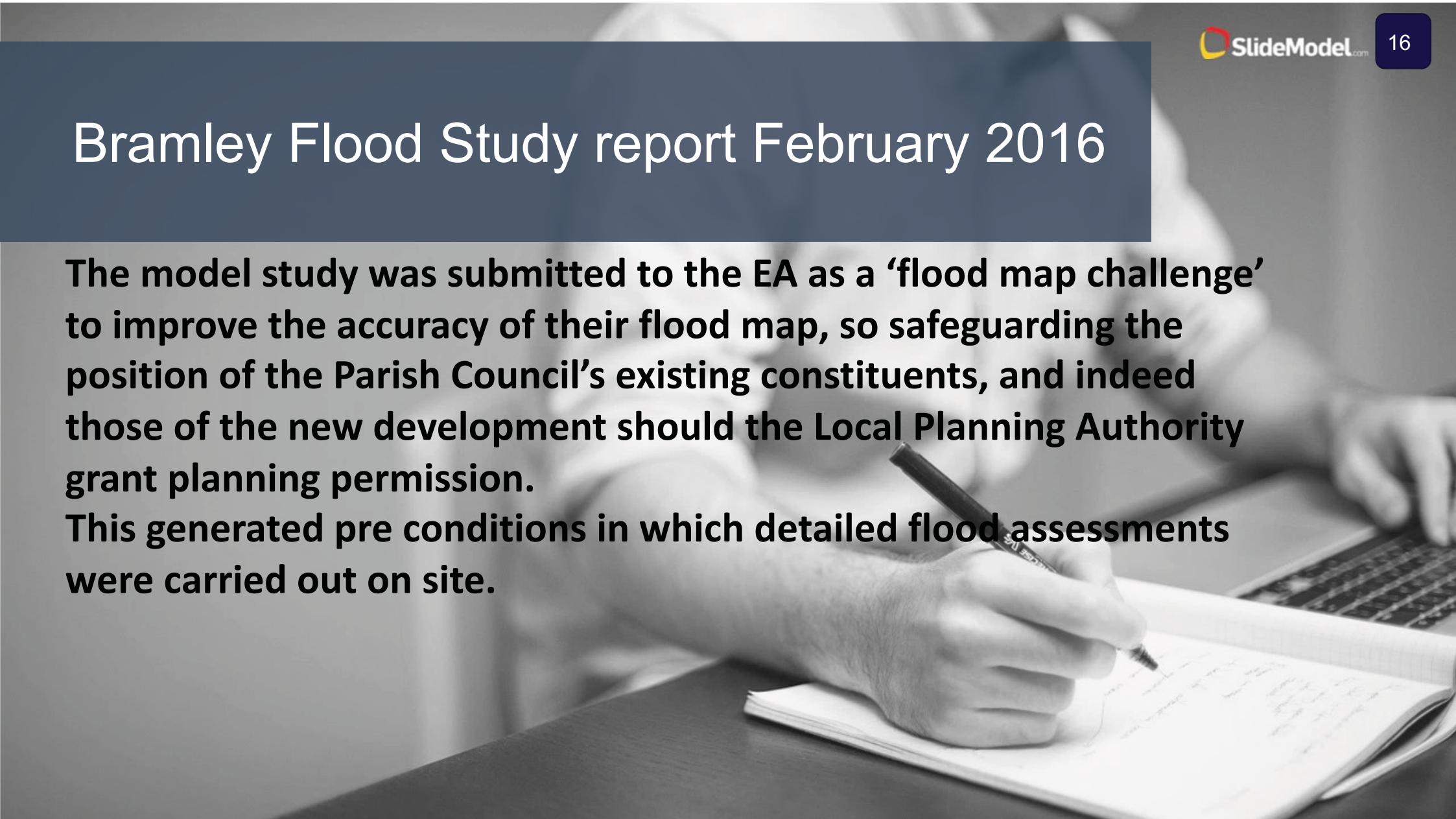


Problem facing your company,
our proposed solution

Bramley Flood Study report February 2016

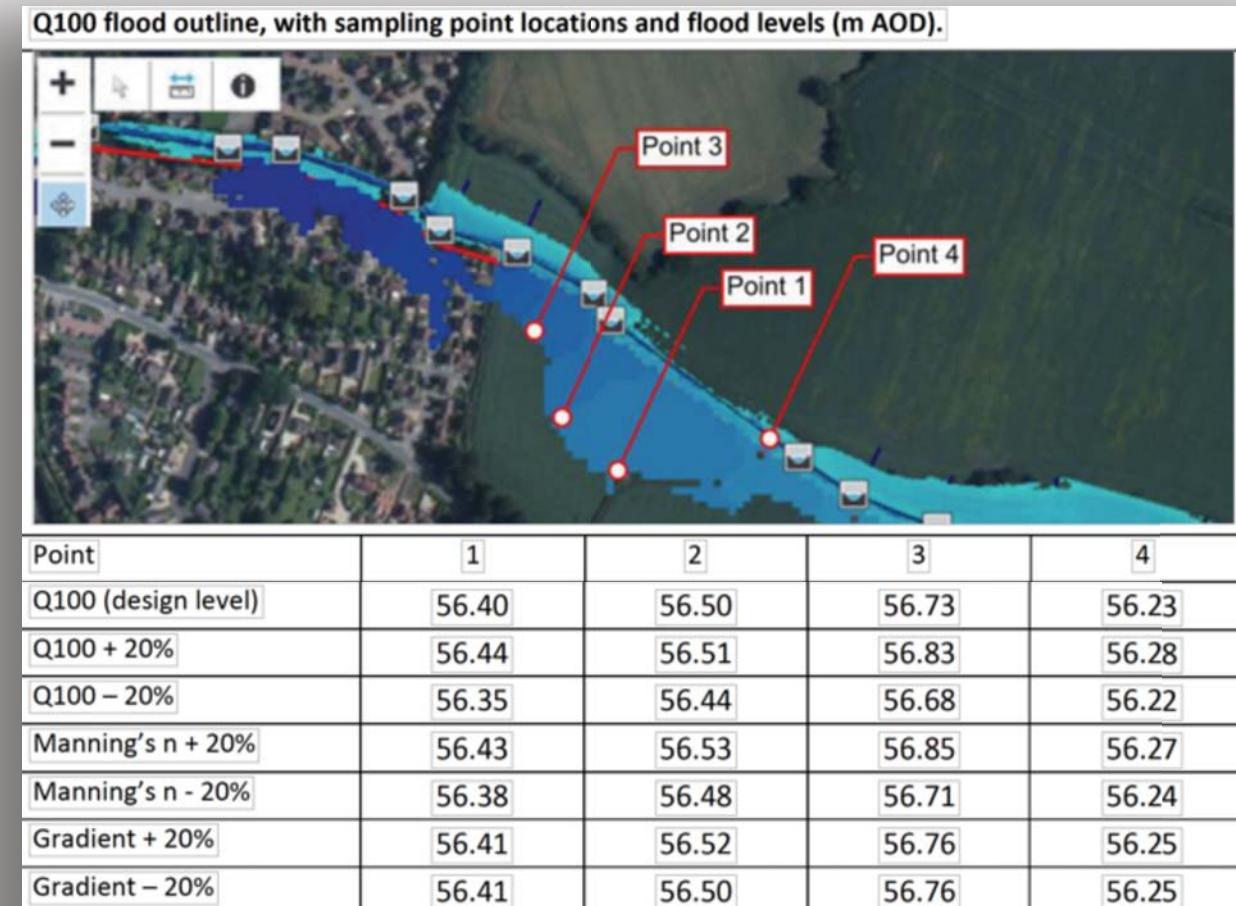
The model study was submitted to the EA as a 'flood map challenge' to improve the accuracy of their flood map, so safeguarding the position of the Parish Council's existing constituents, and indeed those of the new development should the Local Planning Authority grant planning permission.

This generated pre conditions in which detailed flood assessments were carried out on site.



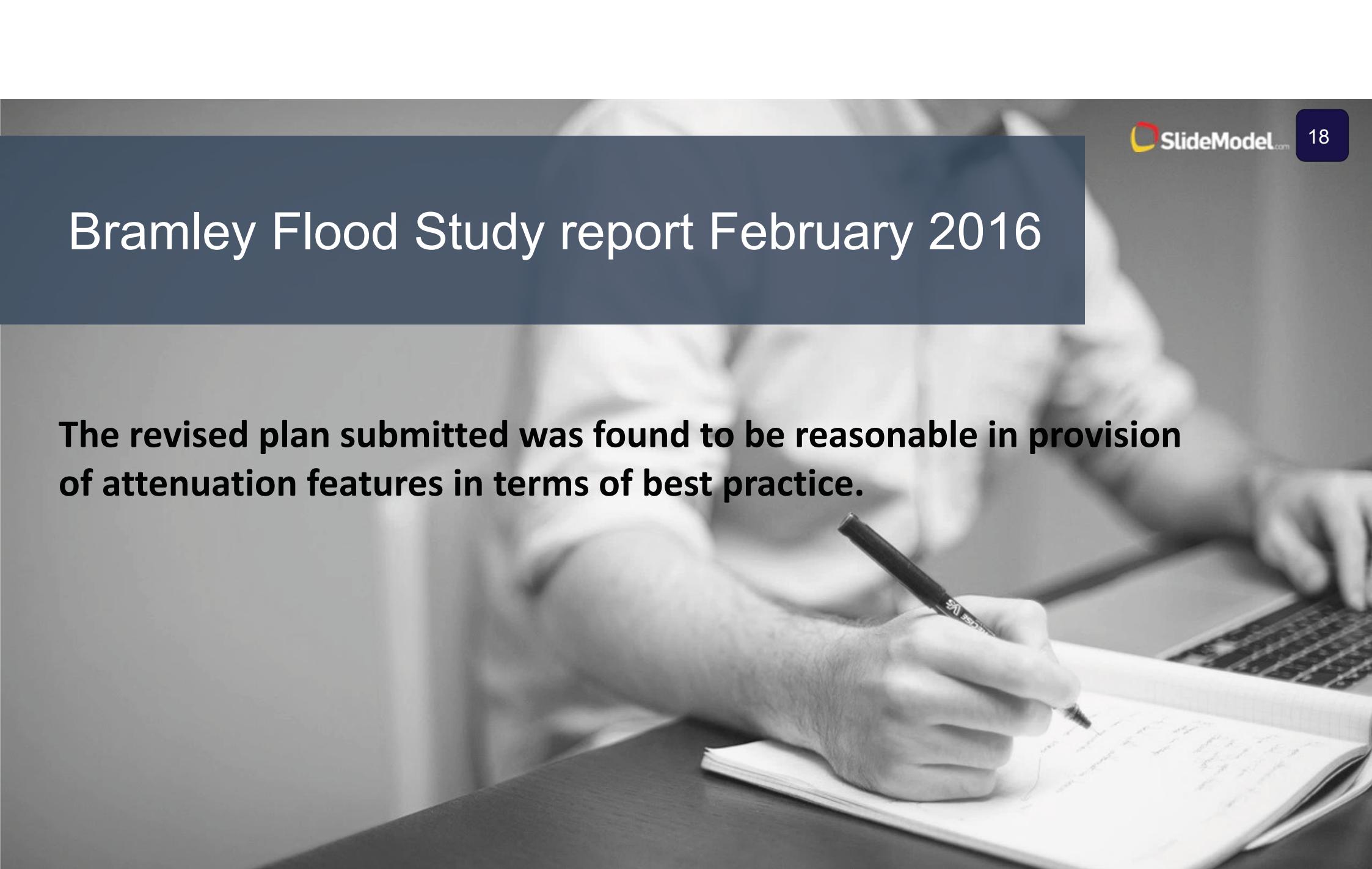


Revised flood outline



Bramley Flood Study report February 2016

The revised plan submitted was found to be reasonable in provision of attenuation features in terms of best practice.



*Local
Infrastructure
Fund*

*Road and path
safety
improvements*

Bramley Parish





LIF update

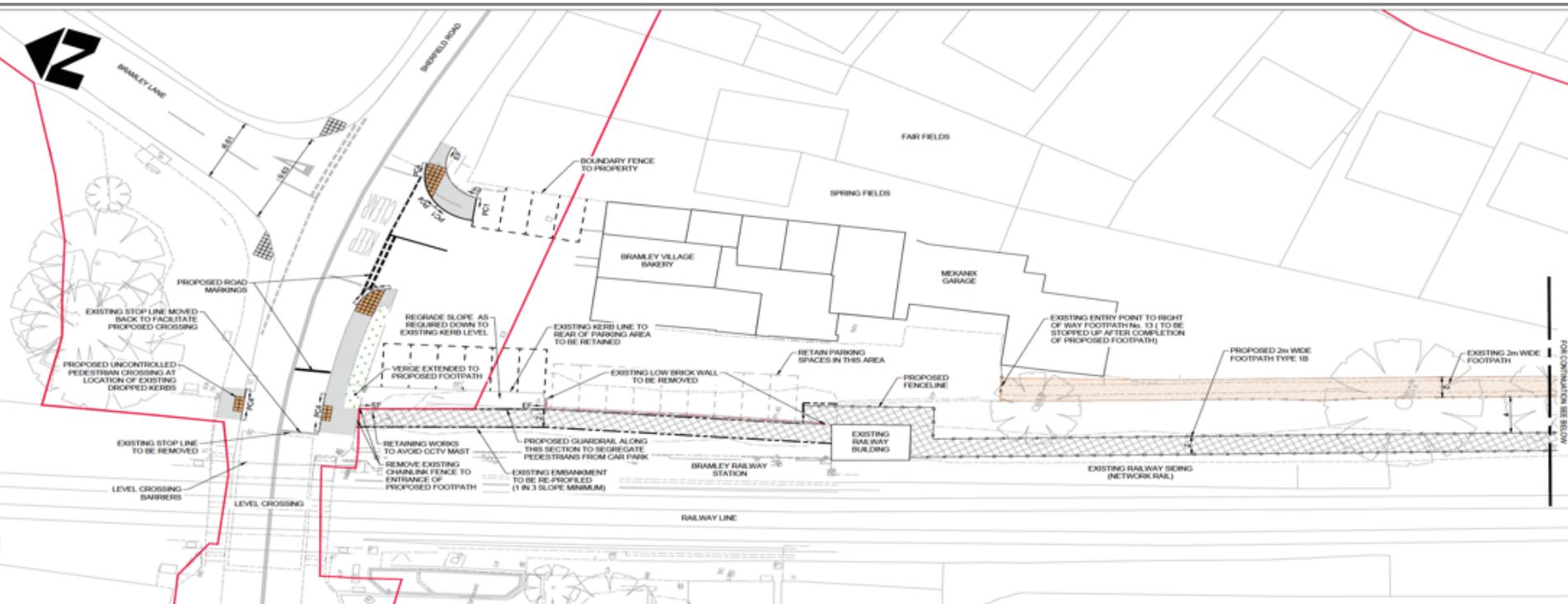
- ▶ Contract agreed and signed between BDBC and Parish Council
- ▶ Meeting 28th September HCC consultants, BDBC & Parish Council – deployment of contracts
- ▶ Topographical survey completed on junction of Sherfield Road and Bramley Lane. Survey for proposed footpath outstanding subject to confirmation of access from Network Rail (meeting to be arranged);
- ▶ C2s obtained for any utilities that may be affected;
- ▶ Request for ecological support submitted in relation to scheme (Ecological Impact Assessment); Geotechnical Site Investigation commissioned – lead-in time approx. 3 weeks and subject to access arrangements/agreement with Network Rail (meeting to be arranged).



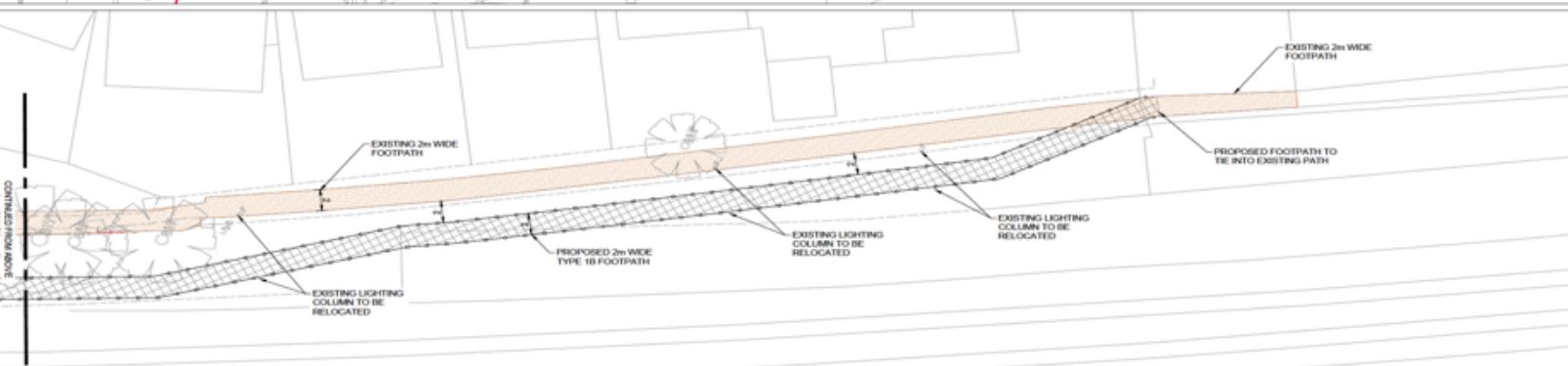
LIF update To do

- Completion of topographical survey on footpath;
- Submission of C3/C4 notices in relation to utilities;
- Geotechnical Site Investigation to begin;
- Detailed design and preparation of drawings to start;
- Confirmation of land boundaries;
- Street lighting design to be commissioned following confirmation of land ownership;
- Negotiations to be instigated regarding land.

NOTES
1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED



KEY
PROPOSED TYPE 1B FOOTWAY CONSTRUCTION - LAND ACQUISITION REQUIRED WITHIN NETWORK RAIL - REFER TO STANDARD DETAIL HCC10/C015
PROPOSED FOOTWAY RESURFACING (INLAY)
PROPOSED VERGE
PROPOSED TACTILE PAVING TO STANDARD DETAIL HCC10/C065
PROPOSED BOLLARD
PROPOSED TYPE PC4 PRECAST CONCRETE KERB WITH PC4 TO PC1 TRANSITIONS TO STANDARD DETAIL HCC10/C015
PROPOSED PRECAST CONCRETE EDGING
PROPOSED CLOSE BOARDED FENCE
EXISTING LOW BRICK WALL TO BE REMOVED
EXISTING FOOTPATH NO. 13
HIGHWAY BOUNDARY



PARTS OF THIS DRAWING SHOULD BE IN COLOUR.
IF THIS NOTE IS NOT READ, FOR COLOUR COPIES
PLEASE CONTACT - sue.lake@hants.gov.uk

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ORDNANCE SURVEY 100019180

CLIENT

BRAMLEY PARISH COUNCIL

CONSULTANT



DESIGNER

AM

SAD

SCL

FORBIDDEN

HS

LIS

APPROVED

AT

LAT

REV

SCHEM

AM

SCS

IS

Project plan

Rights of Way – Dedication & Extinguishments – 8 weeks

Negotiations/Legal agreements with relevant Landowners– 16 weeks min

Thank You