

Lincolnshire County Council Section 19 Investigations - EAST DIVISION AREA J - Contact Officer: Andrew Ratcliffe, Area Highways Manager - Email - LCCHighwaysEast@lincolnshire.gov.uk						Identified Action/Works			
Date of Incident	Town & Location	Description of Flooding & Number of properties flooded	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status & Estimated Timescales	S19 Report File Reference
28-Jun-12	Horncastle East Street and Stanhope Road Area	Extreme rainfall (estimated to be a 1 in 50 year event) caused overland and highway surface water flows to collect at the low area of East Street and Stanhope Road. The extreme rainfall overwhelmed the highway drainage system which was also suffering from surcharged outfalls due to high river levels. 2 Properties	LCC - Yes	LCC has undertaken a CCTV survey of the highway drainage system in the area which has identified some minor defects and obstructions which will be addressed. LCC has also undertaken initial modelling work to help understand and assess the surface water flood risk in Horncastle. A further meeting with Anglian Water is to be arranged, and a bid for an overall surface water study for Horncastle is being submitted by LCC.	Yes	A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC AW	Minor works completed but further feasibility & design works programmed 2015 - 2017	S19-001
28-Jun-12	Horncastle West Street	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent school field, hillside and Lincoln Road. The surface water collected at the bottom of the hill causing flooding to the Grammar School and adjacent properties in West Street. 3 Properties	LCC - Yes Anglian Water - Yes	LCC has undertaken a check of the highway drainage system in West Street and has cleaned out a number of gullies and removed the blockages. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. A bid for an overall surface water study for Horncastle is being submitted by LCC.	Yes	Blockages removed and gas main relocated. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC	Minor works completed but further feasibility & design works programmed 2015 - 2017	S19-002
28-Jun-12	Horncastle South Street and Bull Ring	Extreme rainfall (estimated to be a 1 in 50 year event) caused overland and highway surface water flows to collect at the low area of the Bull Ring and South Street overwhelming the Anglian Water sewer systems; which were also suffering from surcharged outfalls due to high river levels. 3 Properties	Anglian Water - Yes LCC - Yes	Whilst the flooding was caused by extreme rainfall and overland flows, LCC has undertaken a CCTV survey of the underground surface water systems. This has revealed a number of condition concerns in relation to a brick culvert system owned by Anglian Water. The report has been passed to Anglian Water in order that they consider future action and repairs. LCC has in addition carried out repairs to gullies and connections in South Street. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. A bid for an overall surface water study for Horncastle is being submitted by LCC. Anglian Water works to clear blockages have been completed. Planned Environment Agency works regarding outfall issues and river levels may reduce flood risk.	Yes	LCC gullies and system checked and repaired. Anglian Water checking surface water systems and may consider improvement works in future asset management plans. Feasibility and design programmed for 2014/15 and if approved; works to progress in 2015/16/17.	LCC	Minor works completed but further feasibility & design works programmed 2015 - 2017	S19-003

Page 77

Lincolnshire County Council Section 19 Investigations - EAST DIVISION AREA J - Contact Officer: Andrew Ratcliffe, Area Highways Manager - Email - LCCHighwaysEast@lincolnshire.gov.uk						Identified Action/Works			
Date of Incident	Town & Location	Description of Flooding & Number of properties flooded	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status & Estimated Timescales	S19 Report File Reference
28-Jun-12	Horncastle Langton Hill	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent hillside and agricultural land, which was not contained by the interceptor ditch. Combined overland and highway surface water overwhelmed both the highway and surface water sewer drainage systems on Langton Hill and West Street, and caused flooding at the bottom of the hill. 3 Properties	LCC - Yes Anglian Water - Yes Witham 3rd IDB - Yes	A full drainage survey has been carried out and significant blockages have been removed from both the highway drains and Anglian Water's surface water sewers. The survey has identified a number of areas of damage to both systems. LCC has repaired the highway drainage system, and the survey has been forwarded to Anglian Water for assessment of their surface water sewers. The Witham 3rd Internal Drainage Board is ensuring that ditches are cleared by respective riparian land owners.	Yes	Highway drainage system repaired and functioning. Anglian Water checked the surface water system and it is working acceptably. Initial works delivered. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC	Feasibility & Design Works 2014 - 2015 - 2017	S19-004
28-Jun-12	Horncastle Mark Avenue, Accommodation Road and Prospect Street	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent hillside and agricultural land. This was exacerbated by the interceptor ditch being restricted at its entrance to the culvert system, which caused flooding to properties in Mark Avenue, Accommodation Road and Prospect Street. 14 Properties	Anglian Water - Yes Witham 3rd IDB - Yes East Lindsey District Council - Yes	Whilst the flooding was caused by extreme rainfall and flows from adjacent land, investigations revealed an intercepting ditch which flows into a culverted watercourse which is shown on Anglian Waters records. East Lindsey District Council has cleared the culvert and trash screen. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. Ditches cleaned out and discussions are ongoing between Anglian Water and Witham 3rd Internal Drainage Board regarding ownership. A bid for an overall surface water study for Horncastle is being submitted by LCC.	Yes	Ditches cleaned out. Discussions ongoing between Anglian Water and Witham 3rd IDB regarding ownership. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved, works to be programmed 2015/16/17.	LCC AW Witham 3rd IDB	Minor works completed but further feasibility & design works programmed 2015 - 2017	S19-005
28-Jun-12	Horncastle Bowl Alley Lane	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent school field and Bowl Alley Lane. The surface water collected at the lowest point causing flooding to the adjacent properties in Bowl Alley Lane. 3 Properties	Anglian Water - Yes LCC - Yes	Whilst the flooding was caused by extreme rainfall and overland flows, LCC has undertaken a CCTV survey of the underground surface water systems in the area. This has revealed a number of condition concerns in relation to the system owned by Anglian Water. The report has been passed to Anglian Water and future discussions will be undertaken in order that it considers future action and repairs. In addition, LCC is planning to install additional drainage protection features in front of the affected properties, and is in discussion with the school with respect to intercepting flows from the school car park. A bid for an overall surface water study for Horncastle is being submitted by LCC.	Yes	Partnership scheme developed between LCC Highways, Education, AW and initial work delivered. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC AW	Minor works completed but further feasibility & design works programmed 2015 - 2017	S19-006
28-Jun-12	New Bollingbrooke Main Road/Station Row	Extreme rainfall (estimated to be a 1 in 40 year event) caused highway surface water flows to collect in the low area of Main Road/Station Row overwhelming the highway drainage system in the footway. 7 Properties	LCC - Yes	LCC has investigated the drainage and found blockages/damage due to buildings and tree roots. A solution to rectify the damage is being designed and costed.	No	Dropped kerbs outside the post office replaced with full height kerbs. Drainage system found to be damaged by buildings/trees and a new outfall is required. Solution being designed and costed.	LCC	Minor works completed but further feasibility & design works programmed 2014 - 2016	S19-007

Lincolnshire County Council Section 19 Investigations - EAST DIVISION AREA J - Contact Officer: Andrew Ratcliffe, Area Highways Manager - Email - LCCHighwaysEast@lincolnshire.gov.uk						Identified Action/Works			
Date of Incident	Town & Location	Description of Flooding & Number of properties flooded	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status & Estimated Timescales	S19 Report File Reference
28-Jun-12	Toynton St Peter Ings Lane	Extreme rainfall caused overland flows to surcharge a number of watercourses in the area resulting in flooding to a low lying property in Ings Lane. 1 Property	Witham 4th IDB - Yes LCC - Yes	It is recommended that a new watercourse be cut to the south to divert flows from Toynton St Peter away from the flooded property. Witham 4th Internal Drainage Board is considering a scheme. However, this is likely to be a low priority due to the cost, legal issues and minimal benefits.	Yes	Witham 4th IDB considering a capital scheme submission with possible upgrading/realigning of drains in the area. Investigation works programmed for 2016/17/18. Possible works 2018/20.	Witham 4th IDB	Investigation 2016/17/18 Possible works 2018/19/20	S19-010
09-Jun-14	Bucknall Platts Lane	Extreme rainfall caused significant surface water to flow along the highway. The highway drains were unable to cope, allowing water to flow over the kerbed accesses to the properties, causing internal flooding. 2 Properties	LCC - Yes	LCC to clean and jet the whole system through to the outfall to ensure the system is running free. Minor highway maintenance is required to remove a pedestrian dropped kerb access to mitigate flooding to one of the properties. Further highway work to be programmed to remove an area in front of the kerb, this will increase the kerb face and direct water away from the second property. Further drainage investigations may be required. Install additional gullies up stream of the affected properties.	No	Following the cleansing and jetting of the entire system highway maintenance work Drainage survey to be carried out this ywar to ascertain the exact issue with the system before any further works are considered	LCC	On-going Winter 2015	S19-093
09-Jun-14	Skegness North Parade	Intense summer rainfall caused internal flooding to the hotel. Surface water entered the building via the ladies toilets. 1 Property	LCC - Yes Anglian Water - Yes	AW to investigate the capacity of the surface water system. The property owners should investigate whether they have sufficient drainage within their land to accommodate the normal flows expected.	No	Further investigations to be carried out by AW and recommendations advised to property owners No progress to date.	LCC AW	On-going Summer 2015	S19-101

This page is intentionally left blank