incolnsh.	ire County	Dean Myhill Area Highways Inhope Road Area Area Area Area Area Area Area Area								tified Action	/Works	
Date of Incident	Location	Town	Division	Contact Officer	Description of Flooding	Properties internally	with Responsibilities and whether they are exercising		Proposed Action/Works	Promoter	Status	Estimated Timescales
28-Jun-12	East Street and Stanhope Road Area	Horncastle	East	Area Highways Manager	caused overland and highway surface water flows to collect at the low area of East Street and Stanhope Road.	2	LCC - <b>Yes</b>	LCC have 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 have 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.	Further consideration as part of the overall Horncastle scheme, Feasibility and Design 2014/15 Works 2015/16/17	LCC / AW	On-going	2014 - 2017
28-Jun-12	West Street	Horncastle	East	Dean Myhill Area Highways Manager East Division Northern Area	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from 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	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC have undertaken a check of the highway drainage system in West Street and have cleaned out a number of gullies and removed the blockages. LCC have 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.	Blockages removed and gas main relocated Further consideration as part of the overall Horncastle scheme, Feasibility and Design 2014/15 Works 2015/16/17	LCC	On-going	2014 - 2017
28-Jun-12	South Street and Bull Ring	Horncastle	East	Dean Myhill Area Highways Manager East Division Northern 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 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	Anglian Water - Yes LCC - Yes	Whilst the flooding was caused by extreme rainfall and overland flows, LCC have 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 have in addition carried out repairs to gullies and connections in South Street. LCC have 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 issues.	LCC Gullies and system checked and repaired. Anglian Water checking Surface Water systems Further consideration as part of the overall Horncastle scheme, Feasibility and Design 2014/15 Works 2015/16/17	LCC	On-going	2014 - 2017
28-Jun-12	Langton Hill	Horncastle	East	Dean Myhill Area Highways Manager East Division Northern Area	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.		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.	Highway drainage system repaired and functioning. Anglian Water checking the Surface water system	LCC	Complete	Completed
28-Jun-12	Mark Avenue, Accommodation Road and Prospect Street	Horncastle	East	Dean Myhill Area Highways Manager East Division Northern Area	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	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 have cleared the culvert and trash screen. LCC have 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.	Witham 3rd IDB regarding	LCC / AW / Witham 3rd IDB	On-going	2014 - 2017
28-Jun-12	Bowl Alley Lane	Horncastle	East	Andy Ratcliffe Area Highways Manager East Division Southern Area	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	Anglian Water - Yes LCC - Yes	Whilst the flooding was caused by extreme rainfall and overland flows, LCC have 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 with them in order that they consider 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.	2014 - 2015	LCC/AW	On-going	2014 - 2015
28-Jun-12	Main Road/Station Row	New Bollingbrooke	East	Andy Ratcliffe Area Highways Manager East Division Southern Area	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	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.	Dropped kerbs outside post office replaced with full height kerbs.  System found to be damaged by buildings/trees and a new outfall is required. Solution being designed and costed.		Design / Feasibility	2014 - 2016
28-Jun-12	Horncastle Road adjacent old railway line	Roughton Moor	East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Metalling works to the Spa Trail has affected the natural overland flow routes. This has caused surface water to be trapped on the south side of the trail, which has caused flooding to one property.	1	LCC - Yes	Temporary relief trench has been cut and boarded. TSP designing a solution as Spa Trail upgrade has affected the natural overland flow path.	Division have carried out remedial works to reduce flood risk to properties by the installation of a cross drain.	LCC	Completed	Complete

28-Jun-12	Sunningdale Close	Skegness	East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Extreme rainfall caused highway surface water flows to bypass kerb gullies and collect in the low area of Sunningdale Close. Overland flows from the rear of the houses also contributed to the flooding.	4	LCC - Yes Anglian Water -Yes East Lindsey District Council - Yes	East Lindsey District Council have installed new gullies and connections which discharge into the Anglian Water surface water system (the capacity of which has been checked and found to be acceptable).	Capacity issues checked and found to be acceptable ELDC installed new gullies	LCC	Completed	Complete
28-Jun-12	Ings Lane	Toynton St Peter	East	Andy Ratcliffe Area Highways Manager East Division Southern Area	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	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.	With Witham 4th IDB. Considering Capital Scheme Submission - Investigation works programmed for 2016/17/18. Possible works 2018/20	Witham 4th IDB	On-going	Investigation 2016/17 Possible works 2018/19
28-Jun-12	Albany Road	Woodhall Spa	East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Heavy rainfall caused surcharging of the highway drainage system (which flows into Tattershall Road) causing backflow into Albany Road. This together with the flows collected from Albany Road were unable to enter the watercourse crossing Albany Road and the watercourse to the rear of Witham Road (due to a combination of blocked watercourses and partially blocked culvert crossing Albany Road).	5	Witham 3rd IDB - Yes LCC - Yes	Witham 3rd Internal Drainage Board has instructed a developer to clear the ditches; to the rear of Witham Road, and leading to the culvert crossing Albany Road. LCC has cleared the culvert from its outfall to Albany Road and are investigating the short section of culvert under Albany Road with a view to upsizing (feasibility and design in progress). In addition, LCC plan to install a new section of pipe work and gullies outside the affected properties to drain to the culvert. Residents have also cleared the ditch to the south of Albany Road.	Culvert designed by TSP. Works due to start on site 23rd June 2014 to install a new culvert	LCC	Works planned 2014/15	Completion 2014/15
29-Jun-12	The Esplanade	Chapel St Leonards	East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Surcharging from the highway drainage system due to blockages within the system, root ingress and possible concerns over the number of gullies.	2	LCC - Yes	LCC has investigated the highway drainage system and undertaken a CCTV survey which indicates blockages and root infestation. Gullies and connections have been jetted. Further work is planned to clear roots and blockages within the system, and install additional gullies. The improvement scheme is currently being designed and costed.	Scheme being designed and costed	LCC	On-going	Design 2014/15
28-Jun-12	Fairfield Avenue	Chapel St Leonards	East	Dean Myhill Area Highways Manager East Division Northern Area	Surcharging of Anglian Water surface water system due to displaced pipe work, and possible concerns over capacity.	1	Anglian Water - <b>Yes</b>	Surcharging of Anglian Water surface water system due to displaced pipe work and possible concerns over capacity.	All works completed Nov 2013	LCC	Complete	Completed
28-Jun-12	Main Road	Saltfleet	East	Dean Myhill Area Highways Manager East Division Northern Area	Soil and vegetable matter washing into the channel in front of the property causing blockage to the adjacent gully.	1	LCC - Yes	LCC have issued a works order to trim and harden the verge to prevent future siltation and blockages of the channel and gully	Works order raised and all works completed Nov 2013	LCC	Complete	Completed
29-Jun-12	Pump Lane	Saltfleet	East	Dean Myhill Area Highways Manager East Division Northern Area	Overland and highway surface water flows entering low lying property due to collapsed and silted surface water drainage system.	1	East Lindsey District Council - Yes	ELDC have investigated surface water system and will install a new manhole enabling access and will cleanse and repair current system this will include installing new gullies.	All work completed Nov 2013	ELDC	Complete	Completed
28 Jun 12 6 Jul 12	Riverhead Terrace, Louth	Louth	East	Andrew Ratcliffe Area Highways Manager East Division Northern Area	During heavy rainfall (estimated to be a 1 in 60 year event) flooding took place in Riverhead Terrace due to overland flows from adjacent Riverhead development, and flows from the Terrace area being unable to escape.	9	East Lindsey District Council - Yes Anglian Water - Yes	Development has taken place to the east and north of Riverhead Terrace, which is partially complete. The new development is significantly higher than the Terrace, and has severed the natural drainage and flow routes from Riverhead Terrace, such that surface water from the Terrace and land to the north is trapped against the new development. The only means of surface water disposal from Riverhead Terrace is now via a combined gravity system with an assisted foul pumping station. The pumping station was installed, subsequent to development, at the east of Riverhead Terrace. It is unlikely that this foul pumping station will have the capacity to deal with surface water flows from Riverhead Terrace and its catchment area.  The new development is to be drained by Anglian Water foul and surface water sewer systems and also involves the culverting of a watercourse which previously drained the land to the north and east of the Terrace.  Due to the elevation of the new development the plans included a retaining wall at its junction with Riverhead Terrace.  However, this was not constructed at the time of the flooding. In addition a number of planned road gullies at the western end of the development were not installed and others were blocked. This added to the problems in the Terrace by allowing flows from the higher development to cascade down into Riverhead Terrace. Since the summer EIDC have required the developer to complete the retaining wall, install the missing gullies, and clean out the surface water sewer system, which should mitigate the overland flows from the development. However, there remains a significant issue in that the development has severed the natural drainage and flow routes from Riverhead Terrace, such that surface water from the Terrace and land to the north are trapped against the retaining wall and the raised development.  East Lindsey District Council has commissioned a study which has commenced. Survey complete and Study undertaken to identify issues and solutions. Anglian Water has undertak	ELDC commissioned a hydrological study in April 2013 which is now complete. Report makes a number of recommendations - the most significant being to install a much larger AW pumping station.  AW to make scheme submission as part of their Price Review 14 process.	AW / ELDC	On-going	Ongoing
28-Jun-12	Station Road	Wainfleet	East	Andrew Ratcliffe Area Highways Manager East Division Southern Area	Internal flooding to four properties, during intense rainfall, due to inoperative highway drainage system. This was caused by damage from utility companies and the outfall/ditch not being maintained.	4	LCC - Yes	LCC should clean all gullies and restore the highway drainage system and ensure these are running efficiently to the River Steeping. Further monitoring should be carried out.	LCC have cleaned all gullies, restored the highway drainage system and ensured they are running efficiently to the river steeping - monitoring required	LCC	Completed	Complete

The part filted property of the part of th													
Part   Company	28-Jun-	.17	Skegness	East	Area Highways Manager East Division		1	AWA - <b>Yes</b>		been repaired by AWA and private drainage system cleared. AW have applied for funding to CCTV survey the	۸۱۸/۸	Completed	Complete
Part	28-Jun-	-12 Station Road	Firsby	East	Area Highways Manager East Division	Road passed over a covered Highway gulley down the	1	LCC - Yes		and an Insurance claim was submitted for non removal of	LCC	Completed	Complete
No. No. 19 Sec. 1 No. 19 Sec.	28-Jun-	Shop Lane	Goulceby	East	Area Highways Manager East Division	land has been exacerbated by the overgrown/silted interceptor ditch, and the inlet to the culvert system being restricted by debris and silt. The combined flows caused flooding to a property opposite and lower than the	1	1	of the flooded property. Witham 3rd IDB to ensure regular effective maintenance to the	All works completed Nov		Completed	Complete
Decided 2 Cort Sam. Sam. Sam. Sam. Sam. Sam. Sam. Sam.	28-Jun-	-12 Brick Yard Lane	Hundleby	East	Area Highways Manager East Division	under Brick Yard Lane (reported 9th May 2013 by IDB)	1	None	condition and cleared by the private owner. Consideration may be given to installing a larger culvert - this would require consent from Witham 4 IDB. All unmaintained ditches	Private ownership	Private	No Further Action	Complete
Ob-3-1-12   Marrhy Road   Phatotit   East   Marrhy Road   Phatotit	06-Jul-	12 Croft Bank	Croft	East	Area Highways Manager East Division		1	LCC - Yes		undertaken reshaping works to divert flows away from	LCC	Complete	Completed
Andy Ratcfilling  Andy Ratcfil	06-Jul-	12 Mumby Road	Huttoft	East	Area Highways Manager East Division	lying property due to suspected lack of capacity in the	1	LCC - Yes			LCC	In Progress	Sep-14
Lumley Avenue Skegness East Assa Highways Manager East Division Southern Area Operating the following intense rainfall caused both highway surface water and collect in the flow area behind the properties of Lumley Avenue.  Dean Mynill Area Highways Manager East Division Southern Area Operating the flow of the flow area behind the properties of Lumley Avenue.  Dean Mynill Area Highways Manager East Division Southern Area Operating the flow of the flow area behind the properties of Lumley Avenue.  The costs Lane Mumby East East East East East Division Southern Area Operation of Water from corrisgeway and division of water from corrisgew	06-Jul-	12 High Street	Burgh Le Marsh	East	Area Highways Manager East Division	lying property due to suspected lack of capacity and defects in the surrounding highway drainage system,	1	LCC - Yes		kerbs and regrade footway. New surface water sewer/drain in carriageway with outfall to Catchwater drain budget dependent, initial discussions with LMIDB have been undertaken to investigate routing and outfall	·	complete but further investigations	2014/15
Coots Lane   Mumby   East   Area Highways Manager East Division Norther Area Highways Manager East Division Southern Area Highways Manager Power Ministry Agriculture Mark Alexander Ministry Agriculture Mark Alexander Ministry Agriculture Mark Alexander Ministry Agriculture Mark Alexander Ministry Mark Alexander Mark Alexander Ministry Mark Alexander Ministry Mark Alexander Mark Alexan	19-Jul-	12 Lumley Avenue	Skegness	East	Area Highways Manager East Division	overland flows to funnel down the unadopted lane and collect in the low area behind the properties of Lumley	2	LCC - Yes	private road. Owners of the private road will need to consider a drainage system within the	New gullies installed.	LCC	Completed	Complete
Area Highways Manager East Division Southern Area  17-Mar-13  Main Street  Bucknall  B	03-Aug-	-12 Coots Lane	Mumby	East	Area Highways Manager East Division	entering a property which is situated at the lowest point. A combination of water from carriageway and driveway was	TBC		water drainage system. LMIDB to contact Riparian land owner of the dyke to request it to	survey. LMIDB to request cleansing/maintenance of		On-going	Investigation 2014/15
30-Apr-12 St Catherines Grove Lincoln North North St Catherines Grove Lincoln City Area  St Catherines Grove Lincoln Lincoln City Area  St Catherines Grove Lincoln Count Division Lincoln City Area  St Catherines Grove Lincoln City Area  St Catherines Grove Lincoln City Area  St Catherines Grove Lincoln City Area  Surface water backed up and surcharged into St Catherines grove due to flap valve sticking open.  2 Lincolnshire County Council-Yes  Anglian Water - Yes  Anglian Water is to inspect the flap value at the outfall to the River Witham, and introduce a discussed with AW & LCC Inspections being carried out on a monthly basis last inspection 19 April 2014  Steve Wiles  Area Highways  Manager  North Division  North Divisio	17-Mar-	-13 Main Street	Bucknall	East	Area Highways Manager East Division	fields flowed through the rear garden of and entered the	1			checked the works have been carried out and it is maintained on a regular	LMIDB Witham 3rd	Complete	Complete
28-Jun-12 Castle Hill Caistor North North Caistor North North North North North Division North D	30-Apr-	17 1	Lincoln	North	Area Highways Manager North Division		2	Yes Anglian Water - Yes		Inspection regime to be a discussed with AW & LCC Inspections being carried out on a monthly basis last	AW	Confirmation Complete	Completed
	28-Jun-	12 Castle Hill	Caistor	North	Area Highways Manager North Division	became overwhelmed due to infiltration of surface water	1	Anglian Water - <b>Yes</b>			AW	Complete	Complete

28-Jun-12	Maple Avenue, Riby Road and Pelham Crescent	Keelby	North	Steve Wiles Area Highways Manager North Division Northern Area	Flooding was caused by surcharging surface water sewers combined with overland flows.	4	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Further detailed study required to the ownership, condition and capacity of the surface water sewer system with a view to providing a new pipe system to intercept flows from the A18 Barton Street to reduce flows entering the village and to upgrade the pipe between Riby Road and Caddle Beck. Further LCC investigation and design required. Scheme bid due to be submitted for feasibility and works.	Surface water drainage scheme under consideration. Further LCC investigation and design required. Feasibility 2014/15/16 Work 2016/17/18	LCC	On-going	Investigation & Feasibility 2015/16 Possible works 2017-18
28-Jun-12	Eastfield Road	Keelby		Steve Wiles Area Highways Manager North Division North Area	Surface water sewer overwhelmed due to its connection to a blocked riparian drain.	3	Anglian Water - Yes North East Lincs IDB - Yes LCC - Yes	North East Lincolnshire Internal Drainage Board to clear riparian drain. Anglian Water to investigate cross contamination of foul and surface water systems. LCC to investigate the provision of a new chamber on the culverted section of watercourse in order to facilitate further investigations. Riparian owners to be advised of their responsibilities.	No further action at this time	AW North East Lincs IDB LCC	No Action at present	No Further Action
28-Jun-12	Brigg Road	Moortown	North	Steve Wiles Area Highways Manager North Division North Area	Extreme rainfall (in the order of a 1 in 200 year event) caused the riparian ditches in front of properties on Brigg Road to overtop causing internal flooding.	1	Ancholme IDB - Yes	Riparian owners have been advised to clear the ditches in front of their properties.  Ancholme Internal Drainage Board is to advise residents and promote investigation into the outfall of riparian watercourses into Nettleton Beck. Ancholme Internal Drainage Board requested to assess for enforcement action.	IDB requested to assess for enforcement action.	Ancholme IDB	On-going	Investigation & Enforcement 2014/15
28-Jun-12	Faldingworth Road	Spridlington	North	Steve Wiles Area Highways Manager North Division Northern Area	Extreme rainfall (in the order of a 1 in 200 year event) caused surcharging of the highway drainage system in the village and internal flooding.	1	LCC - Yes	Highway drainage system found to be in good order following the investigation. As the flooded property has a very low threshold Property Level resilience recommended.	No further action at this time	LCC	No Action at present	No Further Action
06-Jul-12	Beevor Street	Lincoln	North	Jeanne Gibson Area Highways Manager North Division Lincoln City Area	Internal flooding to an industrial property caused by blockage to private sewer	1	None	Advised company to investigate the blockage and connection of their private sewer. This has now been carried out and has been cleared through to its connection with the Anglian Water system in Beevor Street.	No further action at this time	Private	Completed	Complete
10-Jul-12	Laing Close	Bardney	North	Alan Brown Area Highways Manager North Division Southern Area	Surcharging from foul and surface water sewers due to blockages within the SWS and possible concerns over operation of foul sewer system due to possible downstream pump failure, excessive surface water connectivity to the foul sewer and the effectiveness of the overflow arrangements at the pumping station.	1	Anglian Water- <b>Yes</b> Witham 3rd IDB - <b>Yes</b>	LCC system checked and functioning effectively. Anglian Water has provided resilience measures at a property on Laing Road. Anglian Water to check and repair their systems and investigate the flow carried by the foul system and validate the capacity of the foul sewer, including the operational effectiveness of the foul pumping station and its emergency overflow arrangements. The installation of a flap valve to the surface water sewer outfall at the rear of Baltholomew Close should be investigated. Witham 3rd Internal Drainage Board to complete its study into the benefits of upgrading its culvert through the garden of a property on Abbey Road.	LCC system checked and ok problems found with AW SWS and reported to AW taken mitigating action by erecting flood boards at the property.	, AW, Witham 3rd IDB	No Action at present	No Further Action
01-Dec-13	High Street	Heighington	North	Alan Brown Area Highways Manager North Division Southern Area	Surface and Ground water flooding (from a private Well) groundwater entered the lowest room in the property (the former dairy) following prolonged wet weather.	1	LCC, Private	The provision of a new overflow for the well will certainly allow for a significant discharge from the area. However it is difficult to confirm whether the arrangements installed will limit the rise in groundwater levels should similar weather conditions recur. The effectiveness of the completed installation be monitored by on-going liaison between LLFA and the owners.	The Property Owners have subsequently obtained consent to lay a new overflow pipe from the well to the beck and have privately funded its construction with all the site works complete.		Complete	Completed
06-Jul-12	Quadring Road	Donington	South	Andy Wharff Area Highways Manager South Division Boston	Following a period of heavy rainfall it is assumed that both footway and carriageway water entered the footway drainage system. The carriageway is significantly higher than the footway and properties on Quadring Road. There is also the possibility that the combined sewer was overwhelmed.	1	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC investigations have identified that the Highway drainage does not outfall to the Anglian Water combined sewer. The highway drainage system was compromised some distance from the development. This has now been repaired and a new outfall provided to a nearby Highway Drain.	Further investigations identified that the Highway drainage did not outfall to the AW Combined sewer and was compromised some distance from the development. System now repaired and new outfall provided to a neighbouring Highway Drain.	LCC	Complete	Completed
06-Jul-12	High Street	Gosberton	South	Andy Wharff Area Highways Manager South Division Boston	Heavy rainfall caused the piped and open dykes within the village to overflow which caused internal flooding.	1	Welland and Deepings IDB-Yes	LCC have checked the highway drainage system in the vicinity and found it to be clear.  Maintenance to Highway drainage system and riparian ditches and piped drains undertaken.	Maintenance to Highway drainage system and riparian ditches and piped drains undertaken	LCC/IDB	Complete	Complete
01-Apr-12	Church Lane	Brandon	West	Mark Heaton Area Highways Manager West Division Grantham	Overland flow from adjacent land. Saturated ground leading to overland flow which may have been exacerbated due to the lack of maintenance of riparian watercourses.  South Kesteven District Council has given advice, and a drainage alleviation showing a proposed filter drain to the side of the property to intercept overland flows and underground surface water, which has not been approved by LCC.	1	Lincolnshire County Council - Yes  South Kesteven District Counci - Yes  Upper Witham IDB - Yes	Property owner to maintain his filter drain. LCC Highways to improve highway drainage to remove standing surface water. Risk Management Authorities to ascertain ownership of all watercourses and advise the owners to clear/maintain them periodically.	LCC to install and improve highway drainage system to reduce the risk of standing surface water. Carriageway works complete, further works in regard to ditch clearing required	LCC, SKDC, UWIDB	On-going	Partially Complete
29-Apr 28-June 6-July	Warterloo Cottages A607	Belton	West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water from public highway and adjacent private land flowing onto properties .	2	Lincolnshire County Council - Yes Upper Witham IDB - Yes Environment Agency - Yes South Kesteven District Council - Yes	Upper Witham Internal Drainage Board has carried out enforcement on riparian owner for watercourse improvements. LCC Highways is designing improvements to the drainage system.	New drainage system/dike renewal (seeking funding) Scheme Designed due to be built summer 2014	LCC	On-going	Works programmed Summer 2014

28-Jun-12	A607 Main Street	Carlton Scoop	West	Mark Heaton Area Highways Manager West Division Grantham	Surface water run-off from private land running onto highway then running from highway and entering front of cottage	1	LCC - <b>Yes</b> Upper Witham IDB - <b>Yes</b>	IDB undertaking enforcement, further LCC investigation to be carried out.	IDB undertaking enforcement. Further LCC investigation to be carried out. System Jetted requires new Manhole order will not be placed until other issues have been resolved.	LCC Upper Witham IDB	Complete	Completed
28-Jun-12	Bridge End Road	Grantham	West	Mark Heaton Area Highways Manager West Division Grantham	Highway surface water run-off entering front of property and exiting from the rear due to root obstructions in Anglian Water system	1	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Anglian water have undertaken root clearance works.	AWA scheme completed	AWA	Completed	Complete
28-Jun-12	High Street North and South, Manor Street, Chapel Street and Chestnut Street	Ruskington	West	Rowan Smith Area Highways Manager West Division Sleaford	Overtopping of Ruskington Beck (main river) and surcharge of foul sewers and overtopping of riparian watercourse.	6	Environment Agency- Yes Anglian Water - Yes Witham 1st IDB (Enforcement) - Yes	The Environment Agency is to remodel Ruskington Beck (hydraulic) and carry out riparian enforcement. Anglian Water is investigating the foul water system and is considering an improvement scheme. A bid for an overall study for Ruskington has been submitted for feasibility, design and works.	Investigation ongoing LCC, AWA, EA meeting held 11/6/14 with all partners' involved to discuss scheme brief. SAB approval required. Feasibility and Design 2014/15 Work 2016/17	LCC / AWA /	On-going	Feasibility and Design 2014/15 Possible works 2015-17
28 June 12 6 July 12	The Avenue	Grantham	West	Mark Heaton Area Highways Manager West Division Grantham	Highway surface water run-off entering front of property. Highway SWS backed up due to capacity issues within Anglian Water system	1	LCC - Yes Anglian Water - Yes	Anglian Water scheme completed.	AWA scheme completed	AWA	Completed	Complete
28-Jun-12	Thorald Avenue	Cranwell	West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water surcharge from private parking area and Highway gullies onto private property causing internal flooding of conservatory. Possible contributing factors due to the development of adjacent land which was historically an area of flood plain. Non maintenance of riparian watercourse.	1	Witham 1st IDB - Yes Lincolnshire County Council - Yes North Kesteven District Council Yes	Investigations ongoing between LCC, North Kesteven District Council and Landowners.  Small scheme to divert water away from garages being looked at. Landowner has been written to regarding possible cutting of new dyke.	Investigations ongoing LCC, NKDC, Landowners Possible scheme being investigated to divert highway water away from private land	LCC / NKDC / Landowners	On-going	Investigation Autumn 2014
28/06/2012 & 29/06/2012	North Street	Digby	West	Rowan Smith Area Highways Manager West Division Sleaford	Overland flow from field into private properties, also blocked culvert/watercourse on school playing field.	8	LCC - Yes Witham 1st IDB - Yes		Local maintenance work carried out by LCC, IDB &			
28/06/2012 & 29/06/2012	Beck Street	Digby	West	Rowan Smith Area Highways Manager West Division Sleaford	Overtopping of Digby Beck (main river) and capacity issues on the foul sewer	2	Environment Agency - Yes Anglian Water - Yes LCC - Yes	LCC, Witham First IDB and the Environment Agency are to undertake local maintenance and improvement works following consultation with the Parish Council. A bid for an overall study for Digby has been submitted for feasibility, design and works.	Wider scheme under consideration.	LCC, IDB, EA Private Landowner	On-going	Feasibility and Design 2014/15 Possible works 2015-17
28/06/2012 & 29/06/2012	The Hurn	Digby	West	Rowan Smith Area Highways Manager West Division Sleaford	Overtopping of IDB drain (Digby Beck North Branch) and riparian watercourse. Suspected failure of Anglian Water foul pumping station.	10	Witham 1st IDB - <b>Yes</b> Anglian Water - <b>Yes</b>		Feasibility and Design 2014/15. Possible works 2015/16/17			
29-Jun-12	Tattershall Road	Billinghay	West	Rowan Smith Area Highways Manager West Division Sleaford	Blockage on a private gulley which backed up and water entered a property through an external door.	1	LCC - Yes	System jetted and cleared. No evidence of cause of blockage. Now on 3 x per year cleansing and jetting highway drain to outfall.	No further action at this time	LCC	Completed	Complete
28-Jun-12	Main Street	Scopwick	West	Rowan Smith Area Highways Manager West Division Sleaford	Ditch backing up and overtopping due to volume of surface water in the main surface water pipe system.	1	Witham 1st IDB (Enforcement) - Yes Lincolnshire County Council - Yes	LCC have jetted the system, further investigations into ownership of main piped drain and open ditch are ongoing. Two pipes under the road culvert were sufficient to cope with the expected flows and no alterations will be required. However, it was agreed that a camera survey would be appropriate to ensure flow was unrestricted, this was completed in Nov 2013. The drainage report clearly shows two intrusions of utility apparatus blocking the flow at two separate points by up to 40%. AWS & WPD are being chased in to getting them to repair the breakages and move their services out of the way. Historic information indicates that Blankney Estates have done very little drainage maintenance over many years. Overland water and ground water is being deposited / is flowing into the new development and the drainage on the site is at near capacity. There are concerns that water from this site will end up in the open dyke adjacent to the property that suffered flooding.	Works carried out on replacement of culvert April 2014. Further investigation works to clear other obstructions on going, and liasing with EA in regards to surface water flow.	LCC	On-going	Further investigations Summer 2014
28-Jun-12	Southgate	Sleaford	West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water from public highway and private land flowing into properties through front and rear entrances.	2	Lincolnshire County Council - Yes Anglian Water - Yes	LCC to advise properties on self prevention measures relating to flood resilience. Anglian Water to investigate capacity of combined system.	LCC actions completed but awaiting AWS investigation. LCC liasing with Anglian Water in regards to capacity issues.	LCC	On-going	Investigations 2014
28-Jun-12	Various	Timberland & Thorpe Tilney village	West	Rowan Smith Area Highways Manager West Division Sleaford	Surcharging of open watercourses and assumed restrictions within culverted sections. Surcharge of public surface and foul water systems.	3	Witham 1st IDB - Yes Lincolnshire County Council - Yes Anglian Water - Yes	Improvement works on LCC watercourse undertaken November 2012. Ongoing LCC investigations, further excavations to commence to provide access for CCTV survey, also minor kerbing improvements and works issued. A meeting has been held with the Parish Council/Flood Group/National Flood Forum. A bid for an overall study for Timberland has been submitted for feasibility, design and works.	Local work involving excavations to provide access for CCTV survey on- going. Kerbing work completed. Wider scheme Feasibility and Design 2016/17/18 Possible works 2018/19	LCC	On-going	Feasibility 2017/18 Possible works 2018/19

28-Jun-12	High Street and The Drift	Walcot	West	Rowan Smith Area Highways Manager West Division Sleaford	Flooding of property caused by volume of water backing up in the surface water system. Further investigations revealed at least 6 properties off the drift which were internally flooded. This flooding was a combination of blockages in the surface water system and intensity of rainfall.	7	Lincolnshire County Council - Yes Anglian Water - Yes	Anglian Water works in progress. LCC improvement scheme ongoing. A meeting with Walcott Parish Council has been held.	AWS works complete. LCC works programmed summer 2014	LCC/AWS	On-going	Completion 2014/15
28-Jun-12	West End / High Street	Swaton	West	Rowan Smith Area Highways Manager West Division Sleaford	Overland surface water flowing through private land. Separate case of overtopping of Swaton Eau flooding carriageway and property basement.	2	Environment Agency - Yes Black Sluice IDB - Yes Lincolnshire County Council - Yes	The Environment Agency has completed their hydraulic modelling works. Black Sluice Internal Drainage Board has previously bid for an improvement scheme. LCC/Environment Agency have been asked to assist with scheme promotion.	EA completed modelling, discussion on-going with LCC regarding possible escape route for residents. Also considering resilience measures for properties	LCC/EA	On-going	EA Feasibility Study 2014/15 Possible works 2016/17
05-Jul-12	Casthorpe Road	Barrowby	West	Mark Heaton Area Highways Manager West Division Grantham	Highway surface water and surface water from private property flowing into garage and residential property.	1	LCC - Yes	Lincolnshire County Council are designing improvements to surface water drainage and advising residents on self protection	LCC are designing improvements to surface water drainage and advising residents on self protection	LCC	On-going	2014
06-Jul-12	South Drove Fen	Helpringham	West	Rowan Smith Area Highways Manager West Division Sleaford	Combination of private and highway surface water which drained to property	1	LCC - Yes	LCC have installed a new gulley and outfall to dyke on the opposite side of the road.	Works completed by LCC Highways	LCC	Compete	Complete
06-Jul-12	Boundary Button Hole Cottages	Allington	West	Mark Heaton Area Highways Manager West Division Grantham	Overtopping of Riparian ditches upstream of recently piped section of surface water run-off from fields and highway	2	LCC - Yes Upper Witham IDB - Yes	The Upper Witham IDB have undertaken enforcement and cleared the drain. LCC highways have issued an order to provide a new piped highway drainage system	LCC to provide new highway drainage system. Works to be undertaken in summer 2014	LCC	On-going	2014
06-Jul-12	High Street	Harlaxton	West	Mark Heaton Area Highways Manager West Division Grantham	Current drainage system insufficient capacity and backed up causing flooding to the carriageway and 2 properties	2	LCC - Yes Upper Witham IDB - Yes Anglian Water - Yes	Following detailed investigation a joint scheme between LCC and Upper Witham IDB has been completed. EA to investigate Mow Beck watercourse downstream.	LCC surface water scheme completed	LCC	Completed	Complete
06-Jul-12	Main Road	Long Bennington	West	Mark Heaton Area Highways Manager West Division Grantham	Groundwater flooding through the cellar .	1	LCC - Yes	Resident advised to tank cellar.	Advice provided	LCC	Completed	Complete
06-Jul-12	White Cross Lane / Asgardby Road	Burton Pedwardine	West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water surcharge from private open watercourse to the east.	2	Black Sluice IDB - Yes	Black Sluice IDB to carry out enforcement. Resident met and awaiting proposals which may be subject to a highway contribution. Awaiting Confirmation.	Discussions still ongoing between LLFA, IDB and residents. LCC have found and cleaned 2 pipes under road No further action required	LCC Black Sluice IDB	Completed	Complete
06-Jul-12	Leasingham village	Leasingham	West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water and foul water flooding capacity issue on watercourse running through the village, also capacity/maintenance issue with pumped foul sewer.	2	Environment Agency - Yes Anglian Water - Yes LCC - Yes Witham 1st IDB (Enforcement for LLFA) - Yes	Further investigations to be carried out by LCC, and further discussions to be held with the other listed risk management authorities.	Drainage system investigation currently being carried out. Issues with highway system at upstream end of village which is full of silt and roots. Further investigations on the remainder of the surface water system required. Works programmed winter 2014		Ongoing	2014
06-Jul-12	Allington Road	Sedgebrooke	West	Mark Heaton Area Highways Manager West Division Grantham	Following an intense period of rain, highway surface water and watercourses overtopping flooding breaching property thresholds.	2	Environment Agency - Yes Upper Witham IDB - Yes LCC - Yes Anglian Water - Yes	Environment Agency have cleared out the Beck, Upper Witham IDB have cleared the riparian ditch and are negotiating with Parish Council to maintain in future. Lincolnshire County Council to install new kerbing fronting properties affected (order placed). Anglian Water to undertake installation of non return flap valves.	LCC to install new kerbing	LCC EA UWIDB	Completed	Complete
06-Jul-13	Newton Village	Newton near Haceby	West	Rowan Smith Area Highways Manager West Division Sleaford	Overtopping of riparian dykes.	7	Black Sluice IDB - Yes Lincolnshire County Council - Yes	LCC proposing to replace culvert on Church Road, and the Black Sluice Internal Drainage Board/LCC are to explain further riparian duties to residents. Details of additional enforcement requirements to the east of the village have been sent to the Black Sluice Internal Drainage Board.	TSP instigated modelling works for catchment area including the village which will take account of new private protection of properties that have been carried out since enforcement letters were sen in June 2013. Proposed culvert replacement programmed for Design and Build 2014/15/16		On-going	Feasibility, Design & Build 2014/15/16

06-Jul-13	Thorn Cottage	Aswarby	West	Mark Heaton Area Highways Manager West Division Grantham	Water breached the banks of the South Beck and flooded adjacent agricultural land and the garden Thorn Cottage. Flood water surrounded the property and outbuildings Lincolnshire Fire & Rescue evacuated the occupants and pets due to the flow of water demolishing the deck of the access bridge. Flood water entered the property through the lounge floor before breaching the front & rear door thresholds. Due to the property being served by Septic tanks, flood water overwhelmed these systems and contaminated the water which again consequently entered the property.	1	Lincolnshire County Council - Yes Black Sluice IDB - Yes Environment Agency - Yes	Flooding at this location can be attributed to the lack of maintenance to South Beck which fronts the property.  Environment Agency to undertake major weed control maintenance throughout the length of South Beck west and east of Thorn Cottage to increase capacity for flow. Environment Agency to review their existing maintenance regime of the South Beck to ensure flows can be accommodated through its length to South Forty Foot drain. Black Sluice to undertake enforcement of obstructions and maintenance on the riparian watercourses to the west of Thorn Cottage which is within their board area.	Regular maintenance of Main rivers & Riparian Watercourses	LCC, Black Sluice IDB, EA	Completed	Complete
23-Jul-13	York Road	Stamford	West	Mark Heaton Area Highways Manager West Division Grantham	Blocked gullies on Sussex Road causing water to back up in York Road resulting in internal flooding.	1	Lincolnshire County Council - Yes South Kesteven District Counci - Yes	Following the 1 hour emergency response, LCC investigated a potential blockage and emptied gullies. Initial investigation showed that the gully on the south side of York Road (near No 4) was blocked approximately 3m from the gully access. The jetter cleared the initial blockage, however jetting could only be undertaken for approximately 20m to an area under the conservatory at the rear of no. 2 York Road. Emergency road closure to install a new double gully and connect to existing surface water system on Sussex Road (approval sought and received from Anglian water).	water system on Sussex	LCC /AW	Completed	Complete
6th Aug 2012	Gorse Hill Lane	Caythorpe	West	Mark Heaton Area Highways Manager West Division Grantham	Following an intense period of rain, excess surface water did not drain away fast enough from the gully at the boundary with Kings Hill, causing surface water to flow across the carriageway and breech the verge and enter the properties driveway, subsequently overtopping the properties threshold causing internal flooding.	1	LCC - Yes	The profile of the carriageway may cause excess surface water to miss gullies at the boundary of Kings Hill. The installation of a vehicular access built to the correct specification may also prevent further occurrences of flooding by increasing the check between the carriageway and the property.	Further investigations of surface water system required, possibly aided by development plans for Kings Hill.  - Level survey and wet weather inspection to be carried out to establish validity of highway drains.	LCC	On-going	Summer 2014
21-Nov-12	Irnham road	Corby glen	West	Kevin Brumfield Area Highways Manager West Division Thurlby	Overland flow from adjacent farm land.	1	LCC - Yes	S19 Report in progress	Further investigations required	LCC	On-going	Summer 2014
26-Nov-12	The Grove	Hanthorpe	West	Kevin Brumfield Area Highways Manager West Division	Surcharge from dike/drains.	1	Lincolnshire County Council - Yes South Kesteven District Counci - Yes	LCC continue to discuss issues with residents. LCC arranged a 1hour emergency response team to clear and investigate potential blockages and issue sandbags due to the period of heavy rainfall. The investigation identified there was a culverted driveway using a 600mm concrete pipe which has a foul sewer connection crossing through which is then connected onto two 150mm pipes, this connection is of a poor standard, further restrictions included tree roots which have been removed. There is a planning history with regard to the culverted vehicle crossing, which has not been constructed as the original planning permission. This is currently under investigation by South Kesteven District Council. All remedial work that has been carried out appears to have alleviated the problem to a certain extent. Further works planned include installation of a trash screen on the pond side to stop any large debris entering the watercourse.	trash screen to be installed on the pond side of the culvert. LCC have undertaken highway drainage improvements in winter 2013 and have liaised with residents in regards to culvert improvements.	LCC/SKDC	On-going	Summer 2014
23-Jul-13	Main Street	Long Bennington	West	Mark Heaton Area Highways Manager West Division Grantham	The rainfall event led to surface water from the Manor Drive estate flowing out of the junction to join the flow running along Main Road, which entered the property.	1	Lincolnshire County Council - Yes STW - Yes	LCC jetted all highway surface water drainage in the area to ensure no blockages. Installation of kerbing and an extra highway drainage has been completed. Investigation into the foul drain has been carried out by Severn Trent Water and two blockages/breaks in the system have been repaired.	No further action	LCC STW	Completed	Complete
23-Jul-13	Oster Fen Lane	Claypole	West	Mark Heaton Area Highways Manager West Division Grantham	Due to heavy rainfall that fell on the 23rd/24th July 2013, a property suffered internal flooding. The owner reported that there was inadequate drainage along Oster Fen Lane and Main Street and the drainage that was there was not maintained. The road is covered in silt and the gullies were blocked with straw. The owner stated the road had previously flooded.	1	Lincolnshire County Council - Yes South Kesteven District Counci - Yes	LCC instructed a gully tanker to clean and jet the highway drainage system outside the property, the system was reported to be running well. Anglian Water CCTV'd the public sewer several weeks later, it identified tree roots to the extent that the survey had to be terminated. The removal of the tree roots has been undertaken and a further CCTV investigation is due to take place. Property owner is to investigate downpipes and gully at rear of property. SKDC to undertake regular carriageway sweeping in the village to reduce the amount of detritus to build up around the gullies.	Following CCTV of Drain & Sewer, The sewer has had the required maintenance carried out. District Council to ensure carriageways are swept regularly	LCC, AW, Private	Completed	Complete
06-Aug-13	New Cross Roads	Stamford	West	Mark Heaton Area Highways Manager West Division Grantham	Standing water collected at the front of the property and caused internal flooding.	1	Lincolnshire County Council - Yes Anglian Water - Yes	All highway drainage found to be running clear on New Cross Roads, however the kerb off let opposite the property was found to be blocked and required work to be carried out. On a site visit on 7th August a gully located on Sussex Road was also identified as being blocked with leaf matter & debris this was later cleared. Recommendations made include LCC to clear the blocked off let, Anglian Water to maintain their utility surface water drainage system, the property owner to maintain their rainwater outfall, and alterations to be made to the rainwater drainage of the properties here so rainfall is shared more evenly and not concentrated in one location.	No further action	LCC, AW, Private	Completed	Complete
20-Oct-13	Kings School, Brook Street	Grantham	West	Mark Heaton Area Highways Manager West Division Grantham	Surface water flooding on carriageway caused water entered the classroom and cellar.	1	LCC - Yes	LCC have cleaned and jetted out the carriageway gully. Further investigations to be carried out including a CCTV investigation and observations to ensure the drainage system is running adequately in the area.	LCC have cleaned and jetted out the carriageway gully. Further investigations to be carried out including a CCTV investigation and observations to ensure the drainage system is running adequately in the area.	LCC	Completed	Complete

24th May 201	4 High Street	Kexby	North	Steve Wiles Area Highways Manager North Division- Northern Area	History of surface water flooding and Drainage issues in location. Most recent event involved an intense period of persistent rain caused surface water drains to back up and flow into the garden and driveway and then into the property whist the resident was not at home.		LCC	install a new section of surface water drain to create a connection to another system which is known to be in good order, providing an alternative outfall and rendering the damaged	System has been cleansed and jetted, WLDC have swept the roads. Order to replace damaged surface water drain is currently in process by area highway team.	LCC	On-going	On-going
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