ID	Priority/ Curre	Completion Date		PF % Score	Whole Scheme Estimated Cost	Location (if applicable)	Category	Relevant Objective from LFRMS	Progress/Comments (reference other sources of information)	Benefits/ Outcome	Costs/ Resource Implications		Support Organisation	Measure Owner	Last Updated	Costs
1 S3		ion 2017	Leeds Flood Alleviation Scheme Phase 1, River Aire City Centre	100.0%	£50.6m	River Aire - City Centre	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Phase 1 of the Leeds FAS is underway, this covers the central section of the River Aire where it passes through the City, Initial works have been completed in Woodlesford and the main works are due to complete during Summer 2017, the scheme is progressing well	Reduce flood risk from River Aire	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Highways Design	01/03/2017	£50.6m
2 S37	Feasibilit	ty 2018	Leeds Flood Alleviation Scheme Phase 2, River Aire City Centre to Upper Catchment	7.0%	£64.5m	River Aire - City Centre to Upper Catchment	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Phase 2 of the Leeds FAS, looking at solutionsacross the whole catchment upstream of Leeds that will reduce flood risk to the city along the river Aire. Modelling and feasibility work is underway with a business being developed by the end of 2017, with a view to moving in to more detailed design in 2018 with construction starting late 2018		Staff time and capital resource	Environment Agency	Leeds City Council	LCC Flood Risk Management	01/03/2017	£64.5m
3 S5	Design - On I	Hold 2017	Barnsdale Road Property Level Protection Scheme	твс	ТВС	Allerton Bywater	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Surface water flooding to properties. Install property level protection measures - flood barriers and doors to reduce flood risk to residential properties on Barnsdale Road. Funding has now been made available from Local Levy. This is currently on hold due to changes in the ownership of the properties involved to allow time to link with their plans to the properties	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	
4 S32	Construction	ion 2017	Hawthorn Terrace Flood Alleviation Scheme	твс	£80k	West Garforth		Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Outline scheme design has been completed and local levy funding secured to progress the detailed design and construction, with the main construction work now complete but further works are still to be delivered to fully complete the scheme	Reduced risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£80k
5 S33	Design/ Construction		Improvements to surface water drainage outfalls	N/A	ТВС	City wide	Asset management and maintenance	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Identify improvments to improve discharge of surface water from flooding hot spots	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	YWA	LCC Flood Risk Management	01/03/2017	
6 S31	Feasibilit	ty 2018	Lin Dyke Catchment Assessment - Upper and Middle catchments	твс	£1.25m	Garforth & Kippax	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Continuation of work included in Section 19 Report, regarding flooding of the SE Leeds area in August 2014 and 2015, design works are contuining to be progressed as schemes are identified	Reduced risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£1.25m
7 S34	Design/ Construction		Glebelands Recreation Ground	100.0%	£90k	Garforth	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Surface water storage at the head of the Lin Dyke watercourse. Planning approval granted. LCC capital funding secured, works now complete just final snagging works to complete. This scheme was tested during Storm Angus (Nov16) and performed well.	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Parks and Countryside	01/03/2017	£1.25m
8 S36	Design	2017	Barley Hill Recreation Ground (Phase 2)	твс	£80k	West Garforth		Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Provide surface water storage at a tributary to the Lin Dyke watercourse, detailed design due to start and constructio planned for summer 17, final design considerations are being done alongside Lin Dyke Study	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Parks and Countryside	01/03/2017	
9 S13	Design	2017	Wakefield Road Flood Alleviation Scheme	102.0%	£190k	West Garforth	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Restricted culvert and surface water flow. Install new culvert and widen highway ditch, design being reviewed in line with the findings from the Lin Dyke study	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£190k
10 S35	Design/ Construction		Westfields, Allerton Bywater	205.0%	£495k	Allerton Bywater	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Existing culvert hasn't sufficient capacity for storm events, detailed design and business case naerly complete, Exec Board approval needed, construction planned for summer 2017	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£495k
11 S30	Feasibilit	ty 2018	Wyke Beck Catchment Assessment	n/a	£50k (study)	Communities along Wyke Beck	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Continuation of work carried out by both LCC & EA within the Dunhills, this has now progressed in to a catchment wide approach bringing logether the EA and many departments across LCC, resulting in an initial stage bid to the LEP for ESIF funding to complete various schemes including Killingbeck meadows.	Reduced risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£50k (study)
12 S15	Feasibilit	ty 2017	Killingbeck Meadows Flood Alleviation Scheme	TBC	£1.6m	Halton Moor	Studies, schemes, assessments and plans	 Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable. 	Flooding to residential and commercial areas from Wyke Beck. Accelerated scheme due to combining the benefits of releasing development sites (11 housing sites and land within the Enterprise Zone and providing green infrastructure improvements to a Local Nature reserve as well as providing flood risk reduction, this scheme has received planning permission this may become a registered flood storage area under the Reservoirs Act.	The risk of flooding will be managed	Staff time and capital resource	Environment Agency	Leeds City Council	Environment Agency	04/08/2015	
13 S6	Design	2017	Mickletown (Pit Lane) Flood Embankment	153.0%	£400k	Mickletown	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Assessment of a proposed setback bank is being Carried out, funding from FCRM GIA and Developer Contribution. Being taken forward separatley from larger scheme - Lower Mickletown Road Flood Embankment.	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£400k
14 S9	Feasibility	ty 2017	Lower Mickletown Road Flood Embankment	138.0%	£1.1m	Mickletown	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Construction of larger flood embankment along Lower Mickletown Road to protect properties from flooding. Being taken forward separatley from Mickletown (Pit Lane) Flood Embankment as is substantially larger scheme. New model information only recently developed scheme propossal to be assessed in line with that	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£1.1m
15 S29	Design/ construction		Queen Street Culvert	N/A	твс	Allerton Bywater		Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Outline design completed. Japanese knotweed treatment taking place this is a 3 year programme due to complete in 2018	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	
16 S17	Feasibility	ty 2018	Wortley Beck Flood Alleviation Scheme	111.0%	£1.1m	Wortley Beck	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Flooding to residential area and outer ring road. Work in partnership with the EA to develop a detailed flood alleviation scheme that integrates with all sources of flooding. This measure is listed in the Aire Catchment Flood Risk Management Plan.	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	Environment Agency	20/08/2013	£1.1m
17 S38	Feasibility	ty 2018	Otley Flood Alleviation Study	n/a	£90k	Otley	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Study underway to identify solutions to protect 50 properties from flooding, funding announced in the Autumn Statement. linked to wider catchment partnership work and Wharfedale Flooded communities study	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£90k
18 S39	Feasibility	ty 2018	Wharfedale Flooded Communities Study	n/a	£90k	Collingham, Linton, Wetherby, Thorp Arch	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Llinked to wider catchment partnership work and Otley Flood Allevation Study, initial modelling work currently being assessed	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£90k
19 S8	Feasibilit	ty 2017	Cotton Mill Beck Culvert, Valley Road	139.0%	£525k	Morley		Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Culverted watercourse surcharges causing flooding to Morley Rail Station and the Transpennine railway - scheme being scoped. Investigation works have discovered that the culvert needs replacing, but presence of services on site mean this issue has been passed back to Network Rail who are working with WYCA to resolve, discussions ongoing	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£525k
20 S10	MEDIUM	1 2018	Thorner Beck Flood Alleviation Scheme	101.0%	£150k	Thorner	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Restricted capacity of existing culverts causing overland flooding. Improve Culvert capacity. Local levy funding secured	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£150k
21 S11	MEDIUM	1 2018	Victoria Road Surface Water Flood Alleviation Scheme	100.0%	£250k	Guiseley	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Surface water flooding to properties. Install attenuation and pumping station to remove flood water to adjacent culverted watercourse.	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£250k
22 S12	MEDIUM	1 2018	Potternewton Surface Water Flood Alleviation Scheme	152.8%	£250k	Potternewton		Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Surface water flooding, Install attenuation and pumping station to remove flood water to adjacent culverted watercourse. Local levy funding secured	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	01/03/2017	£250k
23 S16	MEDIUM	1 2019	Farnley Wood Beck Flood Alleviation Scheme	104.0%	£500k	Cottingley	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Flood risk to residential areas, long term issue - scheme being scoped, developer contribution secured	Reduce flood risk from Famley Wood Beck	Staff time and capital resource	Environment Agency	Leeds City Council	Environment Agency	20/08/2013	£500k
24 S14	LOW	2019	Carry out flood warning feasibility studies for Wortley Beck and Meanwood Beck and implement findings.	n/a	£10k	Wortley Beck and Meanwood Beck	Flood awareness, response and recovery	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	This measure is listed in the Aire Catchment Flood Risk Management Plan	Establish the potential for advanced warning of flooding. Develop more accurate flood warnings for tributaries of the River Aire which will result in reduction of economic damages and improve community safety.	EA staff time and capital resource	Environment Agency	Leeds City Council	Environment Agency	20/08/2013	£10k
25 S18	LOW	2020	Sheepscar: evaluate the condition of formal and informal flood defences along the Sheepscar Beck which were recently breached to identify potential remedial works required.	TBC		Sheepscar	Asset management and maintenance	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Evaluate flood defence improvement works required.	Helps ensure that problems or new works are identified to prevent recurrence of flooding.	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	20/08/2013	
26 S19	LOW	2020	Develop and implement feasibility studies for fluvial flood alleviation schemes to improve the standard of protection along Meanwood Beck, Bagley Beck and Farnley Wood Beck - integrating with all sources of flooding.	твс		Meanwood Beck, Bagley Beck & Farnley Wood Beck	Studies, schemes, assessments and plans	 Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable. 	This measure is listed in the Aire Catchment Flood Risk Management Plan for the Leeds Policy Unit - to be progressed by 2030.	Helps ensure that areas with proven flood risk are provided with an appropriate flood defence scheme at the earliest possible opportunity and that the Council supports the EA in developing any flood alleviation scheme in the longer-term.	Staff time and capital resource	Environment Agency	Leeds City Council & Yorkshire Water Services	Environment Agency	20/08/2013	
27 S21	Ongoing	j -	LCC Significant Maintenance	-		Across the District	Asset management and maintenance	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Continuation of regular maintenance of Watercourses and Hot-Spots	Reduced risk of flooding	Staff time and revenue resource	Leeds City Council	Yorkshire Water Services & Environmen Agency	LCC Flood Risk Management	27/01/2015	
	COMPLETI	ED SCHEMES AND F	EASIBILITY STUDIES - SINCE 2011	8 188888888888	8888 188888888888888888888888	888 888					3 B000000000000000000000000000000000000	100000000000000000000000000000000000000	188888888888888888888888888888888888888	8 888888888888888888888888888	8 8000000000000000000000000000000000000	
1 \$2	Complete	ed 2015	Ramsden Street, Kippax, Flood Alleviation Scheme - (Local Levy & FDGiA)		£305k	Кіррах	and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Completed	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	04/08/2015	£305k
2 S1	Complete	ed 2014	Lowther Road, Garforth - Culvert Improvements		£220k	Garforth	and plans	 Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable. 	Scheme Completed	Improve flood resistance and resilience of properties	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	27/01/2015	£220k
3 S4	Complete	ed 2014	Wellhouse Drive Flood Alleviation Scheme			Gledhow		Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Completed	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	27/01/2015	
4 S7	Complete	ed 2014	Culvert Headwall Repair Scheme - (Local Levy)			Otley	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Completed	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	27/01/2015	
5 S28	Complete	ed 2013	Oakdene, Watercourse Improvements			Swillington		Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Completed	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Flood Risk Management	05/07/2013	
6 S27	Complete		Barley Hill Recreation Ground - (Local Levy)			West Garforth	Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Completed	Reduce risk of flooding	Staff time and capital resource	Leeds City Council	Environment Agency	LCC Parks and Countryside	05/07/2013	
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7 S2	22 C	Completed	2011	Flood Alleviation Scheme - Leeds Road (Allerton Bywater) pumping station (local levy)		A			Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Completed	Reduce risk of flooding	Staff time and capital resource	Leeds City Council Environment Agency	LCC Flood Risk Management	04/07/2012	
8 S2	:3 C	Completed	2011	Newton Road property protection and resilience scheme		N	Newton Road, Potternewton		Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Installed	Improve flood resistance and resilience of properties	Staff time and capital resource		LCC Flood Risk Management	04/07/2012	
9 S2	24 C	Completed	2011	Lower Wortley - property protection and resilience scheme		L			Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Installed	Improve flood resistance and resilience of properties	Staff time and capital resource		LCC Flood Risk Management	04/07/2012	
10 S2	25 C	Completed	2011	Church Lane, Bardsey - property protection and resilience scheme		В		Studies, schemes, assessments and plans	Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Installed	Improve flood resistance and resilience of properties	Staff time and capital resource	Leeds City Council Environment Agency	LCC Flood Risk Management	04/07/2012	
11 S2	e6 C	Completed	2011	Dean Park Drive, Drighlington - property protection and resilience scheme		D			Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	Scheme Installed	Improve flood resistance and resilience of properties	Staff time and capital resource	Leeds City Council Environment Agency	LCC Flood Risk Management	04/07/2012	
12 S2	20 S i	Superceded	2020	Investigate the interaction between the Leeds and Liverpool Canal and the River Aire.	твс	£10k R			Improve understanding of local flood risk and seek to decrease local flood risk through implementation of affordable, high quality measures to alleviate flooding where practicable.	This study should identify the potential for managing this interaction to ensure that flood risk is managed effectively. This measure is listed in the Aire Aire Catchment Flood Risk Management Plan for the Leeds Policy Unit - to be progressed by 2030 - this has now been included in the scope of Phase 2 of the Leeds Flood Alleviation Scheme	Investigate this relationship to improve knowledge of the risk of flooding posed by the Leeds & Liverpool canal	EA staff time and capital resource	Environment Agency Canal & River Trust	Environment Agency	01/03/2017	£10k