Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	Short term				
S1	Collaborating with all Risk Management Authorities, local Flood Action Groups and other beneficiaries to define the role and responsibilities of the Lead Local Flood Authority (LLFA) and all Risk Management Authorities in Lancashire and to publicise this accordingly.	The Head of Highways will ensure that clarity on this will be included in the refreshed Local Flood Risk Management Strategy.	Head of Highways	Target date was amended from 'late 2020' to 'spring 2021' to ensure sufficient attention to consultation responses and to accommodate formal approval cycles in 3 x LLFAs	In Progress Roles and responsibilities will be clearly defined in the New Local FRM Strategy for Lancashire, including Blackpool and Blackburn. Consultation on the Local FRM Strategy is underway (March 2021) and will be taken to Cabinet as soon as possible to seek formal approval.
S2	Increasing staffing levels within the county council's Flood Risk Management Team to support the need for a resource on service delivery for the people of Lancashire and to explore joint working opportunities with all Risk Management Authorities, including possible agency arrangements with district councils.	The need for and opportunities to increase staffing levels in the team will be reviewed by the Head of Highways following introduction of the new Highways Service Management Team (April 2020).	Head of Highways	Review to be complete by March 2021	Complete March 2021 2 x Principal Flood Risk Officers commenced in September 2020. New Data & Communications Officer commenced March 2021; the appointment leaves a vacancy in the team which needs to be filled before this post is fully active. New Senior FRM Officer post advertised March 2021 for earliest appointment. Further opportunities to strengthen to team will be considered as business cases can be built.
S3	Providing sufficient resource within the Flood Risk Management Team to enable timely and detailed reviews of all Strategic Flood	The need for and opportunities to increase staffing levels in the team will be reviewed by the Head of Highways following	Head of Highways	Review to be complete by March 2021	Complete March 2021 Specialist consultancy support is being brought into the team from March 2021 to

RAG Key Halted/problems		Newly revised dates		Complete/going to plan
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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	Risk Assessments to support Local Plan reviews, and also of the developers' site-specific Flood Risk Assessments, on which the Lead Local Flood Authority (LLFA) is consulted by the local planning authorities.	introduction of the new Highways Service Management Team (April 2020).			 strengthen response to planning consultations until permanent post is filled. New Senior FRM officer will provide lead for planning responses and consenting. Other duties have been redistributed within the team to enable improved priority for planning consultations.
S4	Increasing the highways drainage budget.	Head of Highways to review with Cabinet.	Head of Highways	Review to be complete by March 2021	Complete (subject to Council approval of 2021/22 budget)
S5	Collaborating with all Risk Management Authorities and Newground Community Interest Company to develop the county council's Flooding in Lancashire webpages and the Flood Hub Lancashire webpages and provide simplified advice, information and signposting in relation to the role and purpose of the county council as LLFA; how to form a local flood action group; riparian ownership and responsibilities; rules, regulations and exemptions for obtaining licences to carry out work; funding and dedicated webpages for specific flood events whilst	This is a complex project to be developed with partner organisations. As part of any restructure, the Head of Highways will identify a project and resources to take this forward including traditional communications & media strategies – see response to recommendation M3 below.	Head of Highways	Project plan to be in place by March 2021	Action Complete (Ongoing commitment) All target topics now on the Flood Hub and accessed online here: https://thefloodhub.co.uk/ Partnership Officer attends quarterly meetings to maintain and develop The Flood Hub, including Lancashire's 'Local Area' webpage for The Lancashire Partnership. The new Data & Communications Officer will actively contribute to improved digital data processing and communications. Activity will develop once the resulting Technical Support vacancy in the team has been backfilled (out to advert March 2021 for earliest appointment).

RAG Key	Halted/problems	Newly revised dates	Complete/going to plan	

Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	being mindful of the Flood Hub's website content.				
S6	Formalising and maintaining a central register of local Flood Action Groups across Lancashire and to make accessible through The Flood Hub website via all Risk Management Authorities in Lancashire. In addition to publicise the register with the local Met Office and other pertinent organisations.	Underway. In regards to accessing Met Office weather warnings, groups and individuals may self-register for warnings and other updates by following the instructions available via this link	Head of Highways	To be completed by Dec 2020	Complete February 2021 List of all Flood Action Groups in Lancashire is collated. Contact details have been confirmed and remain up to date. All contacts have been invited to pass their details to EA and to Flood Hub for direct updates. The new Data and Communications Officer will develop improved communications and interactions as opportunities arise. Activity will develop once the resulting Technical Support vacancy in the team has been backfilled (out to advert March 2021 for earliest appointment).
S7	Creating a culvert policy with a view to it being adopted by all district councils in Lancashire as a supplementary planning document.	Draft policy already prepared. To be reviewed and used as the basis of internal and external consultation. Timescales to adopt a culvert policy will depend on consultation responses, so not necessarily a short-term measure.	Head of Highways	Consultation was requested to be completed by March 2021; timescale adjusted to 2021/22	In progress Consultation be developed once the Local Flood Risk Management Strategy has been secured, and progressed alongside complementary policy updates for watercourse consenting and enforcement, and for flooding investigations.

RAG Key	Halted/problems	Ν	Newly revised dates		Complete/going to plan
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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
S8	Writing to the Secretary of State for Environment, Food and Rural Affairs to request that Network Rail, Highways England, Canal & River Trust, Limited Companies appointed by Ofwat (New Appointments and Variations) and property management companies become Risk Management Authorities and to collaborate with the Local Government Association on this matter. In addition to give consideration to request district councils in Lancashire to develop relationships with those organisations and to invite them to future Making Space for Water meetings and any other flood risk management related events and meetings.	Work with the district councils will be progressed through the existing partnership meetings. Letter to be prepared and issued in accordance with LCC procedures.	Head of Highways	To be completed by Dec 2020	Complete Advice received from the SoS is to continue using local contacts and place- based discussions to engage with all potential partners over problem identification and resolutions.
S9	Collaborating with the North West Regional Flood and Coastal Committee and the Local Government Association in writing to the Secretary of State for Housing, Communities and Local Government to request that right of	The council's Lead Member for Flooding (Cllr Stephen Clarke) has investigated this situation with United Utilities plc, and has submitted a brief report and recommendations to the Chair of the North West Regional Flood and Coastal	Lead Member for Flooding	Ongoing	Action Complete (Ongoing commitment) NW RFCC is using Cllr Clarke's research & advice as the basis of its approach to this matter as a key regional stakeholder in the national discussion on options for improvement. Cllr Clarke and LCC officers remain fully engaged with the initiative.

RAG Key	Halted/proble	ems	Newly revi	sed dates		Complete/going to plan
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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	connection, mandatory adoption and water companies as statutory consultees on planning applications be reviewed.	Committee (NW RFCC). He will progress further activity for LCC subject to the decisions of the NW RFCC.			
S10	Writing to the Secretary of State for Housing, Communities and Local Government expressing concern that approved surface water drainage provisions including sustainable drainage systems (SUDS) are not being implemented within developments as approved through the planning process, and that additional resources or legal provisions are required so that implementation of surface water drainage systems within new developments including SuDS can be properly monitored and enforced and to collaborate with the Local Government Association on this matter.	Letter to be prepared and issued in accordance with LCC procedures.	Head of Highways	To be completed by Dec 2020	Action Complete (Ongoing commitment) Advice received is for LLFAs to engage fully with the national process for updating and potentially adopting Non-statutory Technical Standards for SuDS. LCC has contributed to both consultation processes and continues to engage fully with the local planning authorities regarding improved delivery of SuDS and all surface water management conditions relating to new developments.
S11	Writing to the Secretary of State for Environment, Food and Rural Affairs to consider publishing consistent	Letter to be prepared and issued in accordance with LCC procedures.	Head of Highways	To be completed by Dec 2020	Complete Advice received is that the procedures for making flood resilience grants available

RAG Key Halted/problems	Newly revised date	tes Complete/going to plan	
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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	guidance on when flood resilience grants would be made available to flooded homes and businesses for the installation of property resilience measures and to collaborate with the Local Government Association on this matter.				are considered appropriate and aren't expected to change.
S12	Writing to the Secretary of State for Housing, Communities and Local Government asking that he collaborates with the Local Government Association over potential amendments to the National Planning Policy Framework so that Lead Local Flood Authorities be paid to carry out developers' Flood Risk Assessments so that development proposals will accommodate consistent practice and sustainable management of local drainage conditions and flood risk within and outside of all development sites.	Letter to be prepared and issued in accordance with LCC procedures.	Head of Highways	To be completed by Dec 2020	Action Complete (Ongoing commitment) Advice received is for LLFAs to engage with the Planning White Paper review processes. Also to engage fully with the national process for updating and potentially adopting Non-statutory technical standards for SuDS. LCC has contributed to both consultation processes and continues to engage fully with the local planning authorities regarding improved delivery of SuDS and all surface water management conditions relating to new developments.
S13	Engaging with United Utilities to agree a mechanism for receiving advice on SUDS that are	United Utilities plc has launched its SUDS adoption procedures (April 2020). The NW RFCC has engaged with	Highways Service Manager –	Ongoing	Action Complete (Ongoing commitment)

RAG Key Halted/problems	Newly revised dates	Complete/going to plan
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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	planned in a particular application that might be at a level to be adopted.	all LPAs in the region to promote take-up, and to establish a pro-forma to enable standardised assessment of developers SUDS proposals. LCC will continue to engage with these processes as 'business as normal'.	Infrastructure to monitor		NW SuDS Pro-forma rollout across Lancashire LPAs has now commenced. SuDS adoption processes are incorporated within this rollout and will be discussed with UU as part of this process as to what extent engagement is needed and how this will be best achieved during the planning application process. Design and Construction Guide (DCG) for Sewers became regulated guidance on 1 April 2020; LCC is now encouraging developers to design to these standards in order for their SuDS to be eligible for adoption by UU plc (note that this is voluntary). The pro-forma requires developers to design to DCG standards and therefore, once adopted by all Lancashire LPAs, all SuDS in Lancashire from this date should be eligible for adoption.
S14	Promoting the educational programme established by United Utilities via the Lancashire County Council Schools' Portal.	The Head of Highways will facilitate the necessary discussions between United Utilities and LCC Education Service to enable decisions on this to be made by the appropriate decision-makers.	Head of Highways	Introductions to be made by October 2020 – recommended this be set back to October 2021 in recognition of schools' coronavirus management demands.	In Progress Early discussion has been held with UU plc regarding linking their education offer to LCC's schools' curriculum. However LCC Education services has had a significant burden during 2020 arising from managing the coronavirus in schools. Delivering activity S14 has been postponed in recognition of the schools'

RAG Key	Halted/problems	Newly revised dates	Complete/going to plan

Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
					situation, and will be restarted during 2021.
	Medium term				
M 1	Collaborating with all Risk Management Authorities to formalise the walk-around offer currently offered in a limited manner within the Environment Agency and to notify all local Flood Action Groups (FIAGs) of its launch.	Already triggered by local business need through Making Space for Water partnerships. FIAGs to be contacted and assured this will continue.	Highways Service Manager – Infrastructure	In place by September 2020	Action Complete (Ongoing commitment) This commitment was in place through Making Space for Water partnerships by September 2020. Communication to FIAGs will be completed is a planned activity for new Data and Communications Officer, once the resulting Technical Support vacancy in the team has been backfilled (out to advert March 2021 for earliest appointment).
M2	Promoting the flood risk management pre- application service.	The Highways Service Manager – Infrastructure has commissioned a review of the pre-app service and charges, seeking to promote it more positively alongside pre-application services provided for highways advice. Improvements will be established once the review concludes.	Highways Service Manager - Infrastructure	In place by December 2020	Action Complete (Ongoing commitment) New working procedures in place with Highways DC leading on marketing/opportunities
M3	Producing a guide on how to setup a local Flood Action Group to enable those people who wish to do so and for existing groups to flourish. It's	The additional resource required to achieve this will be taken into account in the reviews identified in response to recommendation S5 above.	Highways Service Manager - Infrastructure	To be completed during 2021/22	In Progress Review of existing Flood Hub advice planned for new Data and Communications Officer, once the resulting Technical Support vacancy in the

RAG Key Halted/problems	Newly r	evised dates		Complete/going to plan
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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	suggested that the guide should include a template constitution; advice on creating emergency plans and who to share these with; key contacts and advice on who to build working relationships with and examples of what funding could be used for and for the guide to be publicised and shared with all tiers of councils and councillors, Risk Management Authorities and libraries throughout Lancashire.				team has been backfilled (out to advert March 2021 for earliest appointment).
M4	The flood risk management team assessing every project for the scope to include upstream storage and increasing natural flood risk management activities.	This is a significant piece of work, beyond a simple design check, requiring cross-service collaboration. The Head of Highways will identify key stakeholders to take forward as a corporate initiative.	Head of Highways	To be completed during 2021/22	To start 2021
М5	Providing maximum surface water attenuation for new highways sponsored by Lancashire County Council through the implementation of tree pits and other attenuation features.	The relevant Head of Service to hold an internal review to identify current best practice	Head of Highways	To be completed during 2021/22	To start 2021

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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
M6	Reviewing how powers can be delegated to enable local Flood Action Groups to place road closure and other related signage on the highways in the event of a flood.	This proposal raises significant health & safety and legislative risks for all parties. The Head of Highways will review options including identifying any current practices elsewhere in the country.	Head of Highways	Target was March 2021. Recommend this is extended to 2021/22 in recognition of the significance of the legal & safety issues.	In Progress Experience from elsewhere in UK is being collected for review. Internal review planned (March 2021).
Μ7	Exploring opportunities with the Fire and Rescue Service to embed a flood preparedness element to their existing fire safety checks in homes.	The Head of Highways will facilitate a discussion with the appropriate officers of the Fire & Rescue Service to enable the feasibility of this recommendations to be explored and taken forward if possible.	Highways Service Manager - Infrastructure	Timescale was March 2021; adjusted to 2021/22 to accommodate resources review by all parties	In Progress Introductory discussion held with LF&RS officers January 2021. Options and resource demands are under review.
M8	Write to all district councils in Lancashire to request that all future agendas for Making Space for Water meetings include an opportunity for local FIAGs to address those meetings and raise any issues of concern; and to publicise dates of all future meetings on their websites.	The Making Space for Water meetings in Lancashire are the established forum for technical partners to discuss matters of common concern within a district area. They are not generally open to members of the public, community groups or their elected representatives, to ensure technical progress is shared and made on matters of joint concern which of necessity includes sharing of confidential data. FIAGs are always welcome to raise	Highways Service Manager - Infrastructure	Timescale was March 2021; adjusted to 2021/22 to accommodate resourcing needs for this activity.	In Progress February 2021: the NW-RFCC announced a change to the Partnership Coordination role, and a key FRM team member announced their planned resignation effective May 2021. These circumstances mean that LCC resources for this activity have to be reviewed and redirected to ensure all aspirations are reflected by any changes in the MSfW format.

RAG Key	Halted/problems	Newly revised dates	Complete/going to plan
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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
		queries direct with the drainage authorities for a joint response outside of Making Space for Water meetings.			
M9	 Write to all Risk Management Authorities to take steps to: a) Enable local Flood Action Groups to contribute a local touch to funding applications for large scale projects submitted by them. b) Consult with local FIAGs as an essential step in the decision making process on flood risk management project planning. 	This recommendation will be discussed with all impacted flood risk partner organisations and progressed through the Tactical partnership meetings.	Highways Service Manager - Infrastructure	Timescale was March 2021; adjusted to 2021/22 to accommodate resourcing needs for this activity.	In Progress Agenda item for next Tactical Partnership meeting (March 2021)
M10	Hold an annual forum/conference/ workshop/scrutiny inquiry or symposium to invite and bring together all the Risk Management Authorities and local FIAGs across Lancashire to discuss flood risk management and preparedness matters. This could be facilitated by the External Scrutiny Committee in its obligation	The benefits of this are recognised, Unfortunately this is an action that can't easily be delivered remotely. The Highways Service Manager – Infrastructure will research options with other LLFAs and develop proposals to hold a future event when safe to do so.	Highways Service Manager - Infrastructure	To be completed during 2021/22	In Progress Experience from elsewhere in UK is being collected for review. Duty to scrutinise flooding activities annually is no longer in force. Activity planned for new Data and Communications Officer, once the resulting Technical Support vacancy in the team has been backfilled (out to advert March 2021 for earliest appointment).

RAG Key	Halted/problems	Newly revised dates	Complete/going to plan

Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	to scrutinise flood risk management on an annual basis.				
M11	Exploring opportunities to utilise social media platforms, 'In the Know' alerts or other real-time communication sources to provide preparedness and action messages around flood and weather warnings, successes and post-event advice supplementary to any Met Office forecast, warnings and advice issued.	The council's FRM team currently circulates Met Office weather warnings and other general communications messages relating to flood risk on an informal basis with Flood Action Groups and other community groups who have asked to be included. It is acknowledged that more work should be done to make the communications with the team as meaningful as possible and to work with new and forthcoming technological advances. A lead officer will be nominated within the team to develop & deliver initiatives.	Highways Service Manager - Infrastructure	Ongoing	In Progress Activity planned for new Data and Communications Officer, once the resulting Technical Support vacancy in the team has been backfilled (out to advert March 2021 for earliest appointment).
M12	Collaborating with all Risk Management Authorities' communications teams and Newground Community Interest Company to explore opportunities to display flood resilience information where there is high foot fall in public spaces and buildings; via social media platforms.	Whilst the country manages the coronavirus crisis, physical communication measures are considered to be unreliable and have a low priority. It is acknowledged that more work should be done with physical measures to complement the emerging digital communication channels identified in M11	Highways Service Manager - Infrastructure	Ongoing	In Progress Activity planned for new Data and Communications Officer, once the resulting Technical Support vacancy in the team has been backfilled (out to advert March 2021 for earliest appointment).

Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
		above. A lead officer will be nominated within the team to develop & deliver initiatives.			
M13	Reviewing accessibility of emergency respite centres and other activities taking account of children and pets.	The Head of Highways will raise this issue through the Lancashire Resilience Forum to enable the Rest Centre procedures to be reviewed and adapted where appropriate.	Head of Highways	To be completed during 2021/22	In Progress Agenda item proposed for next meeting of the LRF Community Resilience Group (March 2021)
	Long term				
L1	Taking steps to integrate culvert locations including those identified under rights of way within the county council's Highways Asset Management System (HAMS). Should no solution be found, to then consider the implementation of an alternative web application/software suitable for the task and capable of integrating with HAMS.	Initial investigations have identified that a Geographical Information System (GIS) product is required as HAMS does not offer a sustainable solution to this need. The operational requirements a suitable GIS product are to be considered & a corporate solution developed.	Head of Highways	Ongoing. To be completed during 2021/22	In Progress New ways of working with GIS are under review between officers and the corporate GIS team, and new systems are expected in 2021. Activity planned for new Data and Communications Officer, once the resulting Technical Support vacancy in the team has been backfilled (out to advert March 2021 for earliest appointment).
	Funding a temporary post to support the recording of culvert location data into HAMS.				
L2	Collaborating with the Country Land and Business	The Head of Highways will facilitate the necessary	Head of Highways	To be completed during 2021/22	In Progress

RAG Key Halted/problems		Newly revised dates		Complete/going to plan
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Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
	Association (CLA) and the National Farmers' Union (NFU) to encourage their members from Lancashire to report locations of any known (historic) culverts to assist the county council in developing its flood risk asset register. This could be carried out on a district by district basis.	discussions with these organisations, to establish a procedure for simple reporting mechanisms to capture new information on culverted watercourses. The same mechanism can then be used to capture and record information received from any source.			Officers are developing the GIS specification to store and use this data. Activity planned for new Data and Communications Officer, once the resulting Technical Support vacancy in the team has been backfilled (out to advert March 2021 for earliest appointment).
L3	Collaborating with United Utilities and district councils to find suitable and reliable mechanisms for enforcing current regulations on impermeable paving of front gardens.	The Head of Highways will facilitate the necessary discussions with the local planning authorities.	Head of Highways	To be completed during 2021/22	In Progress Agenda item for next FRM meeting with Local Planning Authority Officers' group.
L4	Exploring the possibility of establishing shared or pooled budgets for contribution by Risk Management Authorities on complex flood risk management projects as and when needed.	There is a mature understanding locally, regionally and nationally that many benefits can be unlocked by sustainable flood risk management schemes including economic/job security, continuity of public services including education and transport, health and wellbeing, and habitat/conservation. All potential beneficiaries from a flood risk management	Head of Highways	Ongoing	In Progress Agenda item for next Tactical Partnership meeting (March 2021)

RAG Key	На	alted/problems	Newly revised dates	Complete/going to plan

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		scheme are engaged and bespoke funding structures are designed to share/pool the available funds and to maximise the achievable benefits. We commit to maintaining and developing this approach.			
L5	Exploring the possibility of a shared casework system to which all Risk Management Authorities could access and contribute to.	Each drainage authority has its own legal obligations and corporate commitments, with casework systems developed to deliver these and to provide performance data for the individual organisations. We share data relating to shared interests between the relevant RMAs under a formal data-sharing protocol, which also protects personal data from being shared inappropriately. Shared caseworks requiring more attention are also considered in the operational partnership meetings. These arrangements are continuously reviewed, and adapted where all parties affected can agree the changes.	Head of Highways	To be completed during 2021/22	In Progress Terms of reference and governance of all the partnership meetings are under review, including the Making Space for Water meetings, to ensure they are fit for purpose and resourced & managed appropriately.

RAG Key	Halted/problems	Newly revised dates	Complete/going to plan

Reference	Recommendation	Proposed Response	Action by	Timescales	Progress RAG
L6	Where appropriate encouraging relevant district councils to establish Internal Drainage Boards should the relevant Bills in Parliament receive Royal Assent (Environment Bill and Rivers Authorities and Land Drainage Bill)	When new legislation is in force, the Head of Highways will work with all affected partners to progress Internal Drainage Boards or Surface Water Management Boards where these will work to reduce flood risk for homes, properties and agricultural land.	Head of Highways	Open-ended as Royal Assent not achieved yet	In progress Awaiting progress with the relevant legislation through Parliament (Part 5 of the Environment Bill, details online here: https://bills.parliament.uk/bills/2593).