

## Climate Adaptation and Resilience Works Allocations 2021

Local Authority	Number of Approved Schemes	Total Approved 2021 Allocation
Carlow County Council	8	€236,300
Cavan County Council	11	€522,050
Clare County Council	24	€699,350
Cork County Council	70	€1,879,650
Donegal County Council	24	€1,096,750
Galway County Council	34	€1,177,500
Kerry County Council	21	€806,675
Kildare County Council	5	€465,000
Kilkenny County Council	22	€582,500
Laois County Council	13	€463,500
Leitrim County Council	12	€502,500
Limerick County Council	7	€695,000
Longford County Council	3	€249,250
Louth County Council	12	€283,913
Mayo County Council	39	€1,530,745
Meath County Council	6	€595,000
Monaghan County Council	13	€440,000
Offaly County Council	14	€438,000
Roscommon County Council	13	€754,000
Sligo County Council	17	€496,000
Tipperary County Council	21	€973,000
Waterford County Council	13	€555,000
Westmeath County Council	5	€381,000
Wexford County Council	13	€650,830
Wicklow County Council	6	€485,000
Cork City Council	6	€355,000
<b>Total</b>	<b>432</b>	<b>€17,313,513</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Carlow County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L1026	Brownshill Link Road Flooding	Natural Hollow in Road Floods	<b>€20,000</b>
L-20075	Killalongford	develop drainage/re-establish drains	<b>€45,000</b>
R-703	Flood Alleviation Works at Harristown, R703	Upgrade works to existing drainage system which has been overwhelmed. Installation of larger diameter pipes and piping of open ditches at roadside	<b>€23,500</b>
L-6001	Ricketstown/Bigstone	develop drainage/re-establish drains	<b>€44,000</b>
L1010	Blackbog road flooding	Natural Hollow in Road Floods	<b>€20,000</b>
R-705	Drainage Improvement Works at Spearpoint Cross Roads - Coonogue Crossroads	Existing pipes are undersized, gully grates require upgrading, replacement of old stone culverts at two locations with piepwork	<b>€21,800</b>
L-6025	Redbog	raise section of road/clean drains	<b>€31,000</b>
R-702	Upgrade works to Surface Water Network at Ballyellen - Ballyteiglea, R705	Severe flooding along stretches of this Regional Road , new drainage network required along this road to cope with increase in flows	<b>€31,000</b>
<b>Total</b>	<b>8</b>		<b>€ 236,300</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Cavan County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R194	Derrylea, Ballyjamesduff	Preventative works such as drainage works to prevent flooding	<b>€34,050</b>
L5534	Breandrum Bridge	Increase hydraulic capacity	<b>€50,000</b>
L1059	Ardloughter Bridge	Scour damage and underpinning required	<b>€70,000</b>
L3026	Crosskeys	Preventative works such as drainage works to prevent flooding	<b>€45,000</b>
R162	Cornakill Bridge	Scour damage repairs	<b>€35,000</b>
R198	Ricehill Bridge	Increase hydraulic capacity	<b>€95,000</b>
L5536	Derryheen - Deredis, Raise Road Levels	Raise road and parapet wall levels and carry out drainage remedial works	<b>€30,000</b>
L3503	Carrickallen Bridge	Increase hydraulic capacity	<b>€48,000</b>
R201	Deralk - Raise Road Levels	Raise road levels	<b>€30,000</b>
L1005	Kilduff Upper - Raise Road Levels	Raise road levels	<b>€50,000</b>
L5552	Curraghanoe -Raise road levels	Raise road levels	<b>€35,000</b>
<b>Total</b>	<b>11</b>		<b>€ 522,050</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Clare County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L-4608-0	Road Reconstruction and associated drainage- Ballymacahill	Raise level of, and strengthen, road and carry out drainage works.	<b>€64,350</b>
L-3181	Westbury, Parteen	Replacement of damaged storm water drainage pipework and non-return valves for the storm water pumping station in Westbury	<b>€20,000</b>
L-3014	Woodfield, Broadford, Road undermined and embankment slippage	Road is approximately 2.5m in cutting from adjacent lands, during periods of rain fall the open drain washes away the road edge which also undermines the roadside embankment which blocks the open drain. A new section of 130m of 600mm piped filter drain along with a 240m section of 450mm surface water network is required to stabilise the road edge and embankment from further slippages.	<b>€65,000</b>
R-463, L-3184	Shannon Banks, Parteen	Cleaning out of drainage network along Housing Estates	<b>€20,000</b>
L-10281-0	Knocknagroagh Ballyvaughan Bridge replacement	Remove several existing 300mm diameter pipe and replace with precast Box Culvert	<b>€38,000</b>
L-2002-64	L-2002 Coastal Road Repairs	Ongoing coastal protection works (drainage, gabions, rock armour etc.) at 7 locations along this coastal road	<b>€25,000</b>
L-2026-19	Protection works / safety works at White Strand, Doonbeg	Coastal protection works & additional safety measures to the central access area to Doonbeg Whie Strand blue flag beach.	<b>€15,000</b>
R-477	Ballyvaughan Sea Wall upgrade	Remove and rebuild capping stone, point and replace stone work over 140m	<b>€34,000</b>
L-6200-20	Repair / Replace section of protective sea wall at Carrowmore, Mullagh	A section of Sea Wall has failed at Carrowmore Mullagh.	<b>€8,000</b>
L-2060-0	Repairs to Sea Wall @ Cappagh / Aylevaroo bay	Repairs to the sea wall at the L-2060-0. This is a wall directly fronting the Shannon Estuary.	<b>€10,000</b>
L-20423-0	Flood relief scheme @ Shragh	Altering the level of the road to mitigate flooding and reduce road closure frequency	<b>€50,000</b>
R-473	Raise sea wall at Erribul	Raise approx 200 metres of the sea wall (Shannon Estuary) along the R473 at Erribul.	<b>€40,000</b>

## Clare County Council

Road Number	Scheme Title	Scheme Description	LA Allocation
R-473	Raise sea wall at Aillroe	Raise approx 150 metres of the sea wall (Shannon Estuary) along the R473 at Aillroe.	€30,000
R-458	Crusheen, Road flooding	House's are being flooded in the area due to poor existing surface water network. 150m length of a New 300mm surface water line is required to replace old 225mm cracked concrete pipeline with associated gullies with Bitumen road reinstatement on the hard shoulder.	€40,000
L-4074	Ballynagranagh, Crusheen, Road flooding	Road is being flooded when levels of adjacent Lough Inchicronan rise during inclement weather. The road will need to be raised by 500mm and banking required along the road edge to prevent future erosion	€40,000
L-30302	Drummin, Broadford, Road undermining	The existing road is being eroded from the existing open drain. Cars have gone off the road on a number of occasions due to the road edge being eroded and no road verge available. A New 230m 375mm pipe networkj with associated Gullies are reuired to stabilise the road edge	€30,000
L-8030	Gortaderra, Scarriff, road undermined	Road edge is being undermined by existing wide open drains, new 600mm pipework required to prevent future splipages of the road edges	€15,000
L-80381	Garraun, Feakle, Flooding	Excessive surface water off hills are eroding the edges of the existing roads and driveways of home nearby. New 450mm pipeline required	€30,000
L-40741	Inchicronan, Crusheen, Road Flooding	Cul de Sac Road is being flooded when levels of adjacent Lough Inchicronan rise during inclement weather. The road will need to be raised by 500mm and banking required along the road edge to prevent future erosion	€40,000
R-352	Clooney, Co.Clare	Culvert Collapsed crossing	€20,000
R-458, R470, L-3160	Newmarket-on-Fergus Drainage	Cleaning out of drainage network along Regional and local roads	€10,000
L-3318, L3320	Tullyglass, Shannon Drainage	Cleaning out of drainage network along Housing Estates	€20,000
L-7040	Monaskeha, Clonlara	Repair/strenthen road edge, upgrade open drain alongside following surface water damage in 2020	€20,000
L-3196-1	Hurlers Cross Shannon	Construction of new head wall and associated works	€15,000
<b>Total</b>	<b>24</b>		<b>€ 699,350</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Cork County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L8025	Long Strand Crossing and Headwall	Repair/replace blocked culvert crossing and headwall	<b>€15,000</b>
L-3645-36	Roches Point Roadside Retaining Wall & Road Drainage	Stabilisation of roadside retaining wall and roadside drainage improvement works	<b>€18,000</b>
R599	Ballyvackey Crossing	Provide additional overflow capacity at road crossing	<b>€5,000</b>
L7009	Currabally Retaining Costal Wall, Back of the Island	Rebuild collapsed section of costal retaining Wall	<b>€35,000</b>
R-634-16	Lighthouse Hill Youghal Surface Water Drainage	Surface water drainage works on Lighthouse Hill, Youghal vicinity of Green Park and Hotel	<b>€20,000</b>
L6843	Bridgestown	Lay new stormwater pipes	<b>€50,000</b>
R-632-34	Ladysbridge to Garryvoe Road Safety Barrier	Safety barrier to protect from intermittent water hazard in swale along road edge.	<b>€26,000</b>
L-6225	Abbey Road Kilcrea	Provide drainage outfall to prevent public road flooding	<b>€20,000</b>
L1202-74	Killagrohan, Mallow Drainage	New drainage system to accommodate surface water. At present none exists	<b>€82,000</b>
L2764	Shournagh Line	Rock Armouring to rebuild embankment	<b>€15,000</b>
L2992	Cuskinny Retailing Wall Costal	Rebuild damaged section and Reinforce Retailing wall	<b>€52,000</b>
L-3610-25	Detention / Infiltration drainage swale Gortacruce	Forming of detention / infiltration drainage swale at Gortacruce	<b>€25,000</b>
L-2216-25	Aherla - Stream behind Hickeys	Provide storm screen and concrete surround	<b>€5,000</b>
L-3423	Rusheen Road Embankment	Carry out localised improvements to flood damaged embankment	<b>€5,000</b>
L-3424-1	Cooleyhane Culvert	Upsize culvert beneath public road	<b>€5,000</b>
R624	Belvelly Costal Wall	Repair to Costal wall	<b>€20,000</b>
R624	R624 carrigaloe area Costal wall/embankment	Repair to Costal wall	<b>€5,000</b>
L2964	Blossomgrove Road Flooding due to culvert crossing	Replace One of the culvert pipe crossings and overlay road	<b>€5,000</b>
L-2201-43	Ballytrasna Line	Upsize culverts beneath public road	<b>€20,000</b>

<b>Cork County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L2966	Glenmore stores junction Road Flooding no drainage system in the area	Install piping to collect storm water and pipe to open stream	<b>€8,000</b>
L2989	Lissanisky Road Flooding open drainage system floods road	Pipe open section of drain to prevent flooding of road	<b>€10,000</b>
L2760	Berrings	Upsize existing road crossing	<b>€15,000</b>
L-80932-0, Ring, Clonakilty	L-80932-0, Ring, Clonakilty	Replace/repair sea wall.	<b>€30,000</b>
R619	Peake	Upsize existing road crossing	<b>€7,500</b>
L2967	Ballinbrittig Underminig of Local road, drainage system required	Undermining of road due to flooding from storm water and springs, Pipe to open drain	<b>€25,000</b>
R618	Coachford	Upsize existing road crossing	<b>€10,000</b>
L1028	Percival Street, Kanturk Drainage	Increase the capacity of the existing surface water system to cater for the increased surface water flow. Install 100m of a new 375mm surface water pipe and additional road gullies.	<b>€15,000</b>
R-587	Kilbarry Road Raising	Raise section of public road	<b>€10,000</b>
R-585	Crookstown - Drainage by Post Office	Provide surface water network along section of roadway	<b>€5,000</b>
L-7655-18	Drainage Improvements at Glennageare Cross Roads	Upgrade roadside drainage system that is inadequate during high intensity rainfall events	<b>€15,000</b>
L2762	Blair's Inn, Cloghroe	Replace existing storm outfall to river	<b>€10,000</b>
R576	West End, Newmarket - Drainage	Install new storm pipe and series of gullies	<b>€23,000</b>
L-7401-20	Coolea - School Road Bridge	Raise road over existing bridge	<b>€5,000</b>
L-6383	Cloughduv Oakville Estate	Carry out improvements to surface water disposal network	<b>€15,000</b>
L1120	Boolymore, Rathcoole, Drainage	Install a new storm pipe and gullies	<b>€20,000</b>
R-630	Drainage Improvement at R630 Rosehill	Upgrade roadside drainage system that is inadequate during high intensity rainfall events	<b>€30,000</b>
L2547	Strand Road Carrigaline	Storm water system with non return valves	<b>€25,000</b>
R-626	Drainage Improvements at Junction Ballyedmond Hill and R-626	Upgrade roadside drainage system that is inadequate during high intensity rainfall events	<b>€25,000</b>

### Cork County Council

Road Number	Scheme Title	Scheme Description	LA Allocation
L-7806-31	Drainage Improvements on L7806 Breeda Road	Upgrade roadside drainage system that is inadequate during high intensity rainfall events	<b>€5,000</b>
L6976	Templeusque Cemetery Road - Drainage works and resurfacing	Road continually breaking up due to springs. Should be piped to bridge at bottom of hill. 130m of pipewros required along road to the bridge	<b>€45,000</b>
L-38052-0	Drainage Improvements on L38052 Carrignashinney, Mogeely	Upgrade roadside drainage system that is inadequate during high intensity rainfall events	<b>€5,000</b>
R613	Ballea Road Carrigaline	Flood protection	<b>€10,000</b>
L-5336	Lombardstown Drainage	New drainage system to accommodate surface water. At present none exists	<b>€45,000</b>
L2960	Carrignavar to Whitechurch road - Drainage works	Narrow section of road at Whitechurch lower than fields. Road deteriorating. Drainage works are required here to divert the water off of the road. Approximately 400m of piping and drainage works.	<b>€18,000</b>
L-3808-31	Drainage Improvements on the L3808 at Kilnatoora, Youghal	Provision of roadside french drains to lower watertable / address springs occurring during extended periods of high rainfall.	<b>€20,000</b>
R666-27	Kilworth - Ballyduff Rd. - Provision of crash barrier to safeguard R666-27 (Blackwater Flood Plain)	New section of 100m of crash barrier abutting the River Araglin flood plain, Coolalisheen, Kilworth, Ballyduff Road	<b>€15,000</b>
L4014	Short Causeway Inchydoney	Raised road retaining embankment slippage	<b>€25,000</b>
L-3816-39	Drainage Improvements at Junction L3816 and Glenawilling Road	Upgrade roadside drainage system that is inadequate during high intensity rainfall events	<b>€40,000</b>
L2951-65	Ryfield West - Drainage works and resurfacing	Road prone to flooding in recent times. Drainage works required to take surface water off of the roadway and divert elsewhere. Resurfacing of this roadway is also required due to the damage caused by the flooding.	<b>€50,000</b>
L4015	Ring Road walls and drainage	Drainage improvements and rebuild damaged sea walls	<b>€35,000</b>
L-7824-0	Drainage Improvements on the L7824 Barradaw Road	Provision of roadside french drains to lower watertable / address springs occurring during extended periods of high rainfall.	<b>€15,000</b>
L2785	Coolowen - Drainage works	Dip in the road that is prone to flooding. The residents driveways also are affected by this flooding. Pipe through private properties to stream. Approx. 900m of piping required	<b>€20,000</b>



### Cork County Council

Road Number	Scheme Title	Scheme Description	LA Allocation
L-3815-19	Drainage Improvements on the L3815 Kilcredan Road	Provision of roadside french drains to lower watertable / address springs occurring during extended periods of high rainfall.	<b>€20,000</b>
L-5046-1	L-5046, Timolegue Village	Raise existing road level.	<b>€115,000</b>
L4233	Madore Skibbereen	Replace of existing road surface to make it more resilient to damage from flooding events	<b>€29,250</b>
R599	R599, Kilmeen Drainage Works	Upgrade and Install new road drainage culverts, remove blockages in open drains in lands adjoining regional road.	<b>€30,000</b>
R-600	Worlds End Flooding	outlets	<b>€50,000</b>
R-591	Murreagh, Dunbeacon Road	Drainage / Storm water network improvements	<b>€18,000</b>
L-3810-0	New Line Road Youghal Retaining Wall	Stabilisation of roadside retaining wall	<b>€75,000</b>
L-4907-0	L-4907-0 Urhan	Raise level of road to lessen-avoid road flooding due to adjacent Travarra River over flowing during adverse weather events and resilience against tidal surges	<b>€20,000</b>
L-3213	Clontaed Flooding	New pipe run to nearby stream to prevent flooding of road and adjacent cemetery	<b>€60,000</b>
L4920-0	L-4920-0 Derrymihan	Install a robust surface water drainage system over a length of approximately 650m to avoid repeated flooding and damage to the road during adverse weather events	<b>€40,000</b>
L-3804-43	Rathcanning Hill, Dungourney	Altering of road levels on steep road subject to damage by excess surface water in high intensity rainfall events	<b>€90,000</b>
L-6090	Ardacrow Culvert	Replacement of under capacity culvert	<b>€7,500</b>
R-591	R-584 Ardnacloghy	Raise the road level to prevent ingress from river during flood events	<b>€108,000</b>
L-8713	Laharandota, Sheepshead	Raise the road level to prevent ingress from lake during flood events	<b>€20,800</b>
R-600	Eastern Road	Install verge drainage; open channel or gullies; on road edge	<b>€40,000</b>
R-604	Garrettstown Flooding	Raising Road to prevent flooding of R-604 from sea.	<b>€5,000</b>
L-47114	Glandart	Drainage improvements and raise road	<b>€41,600</b>
L-3204	Balinadee Culvert	Replacement of under capacity culvert.	<b>€30,000</b>
<b>Total</b>	<b>70</b>		<b>€ 1,879,650</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Donegal County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L-2275-1	Durnesh & Rathfragan, Rossnowlagh	The existing drainage outfall from Durnesh Lake needs has been damaged with high tides, flooding and to blockages as a result of shifting sands. Flooding then backs up on to the L-2275-1 and the road has to be closed.	<b>€100,000</b>
R-259-10	Annagry Flood Mitigation Scheme	Replace existing stone culvert severely damaged as a result of tidal surges . Raise the level of the road with bound material to reduce the frequency of road closures. Improvement to existing road gully system to account for tidal outlet	<b>€98,750</b>
L6144-1	Gallows Lane, Lifford	Drainage of existing road	<b>€22,000</b>
R250/5	Dooen, Newmills	River due to high floods is undermining the regional road. Construct rock armour embankments between river and Regional Road	<b>€60,000</b>
R238	Drung Seawall	Rock armour to protect the road embankment from being undermined.	<b>€50,000</b>
L-7094-1	McGuckin's Road (Castlefin RSS Area)	Edge protection to retain road. Roadside has collapsed due to Flood Waters.	<b>€18,000</b>
R249/1	Milford Kilmacrennan Road	Road floods when River Lurgy overflows. Proposed works to raise a 300 metre section of the road by 0.75 metres and associated works to entarnces, building up embankment and widening road and additional drainage works	<b>€110,000</b>
L1224-2	Ryelands, Galdonagh - Newtowncunningham	Reduce further scouring - Drainage and Overlay of road	<b>€15,000</b>
R230	Glengesh embankment stabilisation scheme	Gabion wall to retain Road embankment	<b>€90,000</b>
R247	Ray, Glenalla,Rock Armour Sea wall	Proposed works to place rock armour along base of existing wall to protect & also fill collapsed sections with Lean mix. Barrier to be reset and stablised.	<b>€80,000</b>
L-63841	Green Road (Castlefin RSS Area)	Edge Protection and Pipe upgrading.	<b>€12,000</b>
L1314/1	Manor Village	Local Road and Manor Main Street get Flooded due to overflows drainage system on high ground and times of heavy rain. Propose to Upgrade drainage to capture additional water.	<b>€75,000</b>
L2644-1	Tully Tyres to Tamnawood, Lifford	Reduce further scourering - Drainage and Overlay of road	<b>€14,000</b>

<b>Donegal County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R248	Downings, Seawall & Path	Proposed works to replace sea wall & path with steps for beach access from road	<b>€40,000</b>
L-6384-1	Raws Road (Fiddler's Bridge) (Castlefin RSS)	Edge protection to retain road. Roadside has collapsed due to Flood Waters.	<b>€15,000</b>
R247	Rathmullan, Road edge & barrier protection	Proposed to strenghten road side embankment along sea to offer suitable support for barrier.	<b>€95,000</b>
R234-4	Corby Glen - Regional Road between Convoy and Raphoe	Reduce further scourering - Drainage and Overlay of road	<b>€29,000</b>
R247/7	Chapel Road, Rathmullan	Lay 75 metre long 450mm diameter drain in roadway and connect to open drain in adjacent field this replaces existing drain which is a stone culvert that goes under houses and is in danger of collapse and when blockages occur cannot be accessed. Works will involve laying a total of 100 metres of 450mm diameter piping and constructing 4m deep Mnahole	<b>€80,000</b>
L-6584-1	Capry Lane (Drumkeen RSS Area)	Piping Drain to prevent Scour on Road. Reinststate Road Surface.	<b>€20,000</b>
L2724-1	Dunwiley Road Drainage	Reduce further scourering - Drainage of existing road	<b>€17,000</b>
L-6674-1	Meenagrauv Road (Drumkeen RSS Area)	Edge Protection to Retain Road. Road has badly scoured from Flooding. Reinststate Road Surface.	<b>€30,000</b>
L32734-2	Lettermakenny Road Drainage	Reduce further scourering - Replace drainage across existing road	<b>€8,000</b>
L-6334-1	Drumbane Road @ Harper's (Castlefin RSS Area)	Edge Protection along Open Drain. Piping Collapsed Section of Drain.	<b>€10,000</b>
L-26341	Gortikilly (Castlefin RSS Area)	Edge Protection and piping of Collapsed Edge on Road.	<b>€8,000</b>
<b>Total</b>	<b>24</b>		<b>€ 1,096,750</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Galway County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
LP4506	Owenbristy Road Raising	Raise 315m of road by average of 800mm	<b>€120,000</b>
LS8550	Cahermore Channel	430m flood relief channel providing benefit to adjacent roads	<b>€20,000</b>
L8528 L8596 L8543 L4512 L85914 L4509 L8529	South Galway Roads Raising Projects	7 road raising schemes (2020m total) identified under the joint GCC / OPW South Galway FRS. Requires design & land acquisition in advance of road raising works.	<b>€50,000</b>
L3105	Carheenlea, Turloughmore - Groundwater Flooding Remediation Measures	Design and install drainage system to divert excessive groundwater flooding (turlough overflow) away from public road and surrounding area where houses are at risk of flooding	<b>€50,000</b>
R339	Menlough Village	Install new surface drain storm water collection system on road (50m) with pipeline through lands (200m) to outfall open drain. Allow for repair of damage to adjoining footway & parking area in front of Community Hall due to persistent flooding.	<b>€30,000</b>
L-4214	Earls Park /Grange Road Raising	Localised Flooding adjacent to an SAC/SPA. Preliminary Design and AA Screening completed in 2020.Funding sought in 2021 for Topographical Survey, Hydrological Survey, NIS and Detailed Design. Construction in 2022.	<b>€35,000</b>
R-328	Gorteen Cross	Flooding of Local Regional Road	<b>€40,000</b>
L6162	Cloonacauneen, Claregalway - Drainage works to mitigate severe and frequent road flooding	Design and install surface water drainage system to divert excessive rainwaters away from public road and surrounding houses at risk of flooding	<b>€15,000</b>
N67/L8108	Deerpark, Oranmore - Drainage works to mitigate severe and frequent road flooding	Design and install drainage system to divert excessive floodwaters away from the public road and surrounding businesses	<b>€75,000</b>
L53721-0	Tumnasrah Road	Raise Road level to mitigate flooding	<b>€25,000</b>
R363	Killine, Newbridge	Install new surface drain storm water collection system on road & verge (200m) with outfall open drain.	<b>€35,000</b>
L3410	Liscune, Ballymacward	Install new surface drain storm water collection system on road (50m) with pipeline through lands (300m) to outfall open drain. Allow for raising & full resurfacing of section of roadway	<b>€65,000</b>

<b>Galway County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L7140	Killaclougher, Monivea - Drainage works to mitigate severe and frequent road flooding	Design and upgrade existing road culvert system to divert excessive floodwaters away from the public road and houses at risk of flooding	€20,000
L7252	Tycooley , Caltra	Raise road over a distance of 300m by over 1m & resurface. Make good any damaged to roadside boundaries & raise field entrances.	€40,000
L6318	Newcastle, Kilkerrin	Upgrade existing road culvert undre road & raise & resurface roadway over a distance of 150m.	€30,000
R341	Errisbeg East, Roundstone	road crossing replacement	€15,000
L5372-0	Clooniffe	Raise Road level to mitigate flooding	€7,500
L1313-73	Moycullen Nursing Home	Drainage works to mitigate road flooding @ difficult location	€30,000
L-2226-71	Cottage Flooding	Flooding of Local Road during rainfall events	€35,000
L7415	Lissyegan, Ahascragh	Raise, reprofile & resurface existing roadway & enhance surface water drainage.	€105,000
R362	Barna Glennamaddy	Upgarde existing storm water collection system on road (50m) & replace existing storm water culvert & clean & regrade inlet & outlet open drains	€20,000
L5132	Derryeighter, low rd Errislannin	rock armour	€35,000
L-8182	Abberanville, Bullaun	Repair and stabilisation of existing road retaining riverbank	€15,000
L22345	Cloonaghlasa	Surface-water sewer and gullies required to drain surface-water that is standing on road causing major issues to residents	€30,000
R327	Kildaree, Williamstown	Install new surface drain storm water collection system on road (50m) with road crossing & outfall pipeline through lands to open drain.	€15,000
L3409	Doon Upper Fohenagh	Extend existing surface drain storm water collection system on road by 250m	€40,000
R353	Ballynakill	Increasing capacity of existing stone culvert system to mitigate road flooding	€20,000
L21162	Balroebuckbeg	Flooding of Local Road during rainfall events	€20,000
R328	Castlestreet Flooding	During Heavy rainfall events flooding occurs on Castlestreet in Dunmore on the R328.	€70,000
R358	Kilglass Ahascragh	Extend existing surface drain storm water collection system on road & verge by 200m.	€30,000
R339	Kilbeg, Monivea	Upgrade existing road drainage system to facilitate floodwaters away from public road and 2 adjoining houses	€7,500

**Galway County Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R362	MountKelly Glenamaddy	Provide Surface Water Culvert Under R362 to alleviate road flooding at Cemetery	<b>€10,000</b>
L5102	Letterettrin	Drainage	<b>€7,500</b>
L5118	Fahy	sea wall	<b>€15,000</b>
<b>Total</b>	<b>34</b>		<b>€ 1,177,500</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Kerry County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L5014	Maherabeg Road Rock Armour Maintenance	Repositioning and maintenance of existing rock armour for 800m of Maherabeg road	€12,000
R559	Pollgorm Ventry	Raising level of road	€69,000
L5014	Scraggane Coastal Protection Scheme	Construction of a new concrete structure at the base of the existing concrete seawall to strengthen this wall and prevent any further undermining that is in danger of leading to the collapse of the wall. This seawall protects the structural stability of the L-5014 Local Road	€22,375
L10636	Flemby - Rock Armour	Rock Armour wall to retain road embankment.	€14,000
R561	R561 Kilnanare Drainage Works	Roadside Drainage Gullies and Pipes	€80,000
R-563	Aghadoe Drainage Works	Provision of Roadside Drainage Gullies and Pipes	€60,000
L-8001	Flynn's Forge Embankment Repair	Slope stability protection measures for a cliff face/embankment adjacent to a Local Secondary Road	€35,000
L-11203	Tomies Embankment Repair	Rock Armour to stabilize embankment to protect the road and repair slippage	€30,000
L-2019	Ballyhar Embankment Repair	repair slippage	€30,000
L-3023	Ballybrack Embankment Repair	Piping of open drain and embankment stability measures to protect the road and repair slippage	€30,000
L2033	Coolick Embankment Repair	Piping of open drain and embankment stability measures to protect the road and repair slippage	€15,000
L-11286, L-7041	Coolroe West Drainage Works	Provision of Roadside Drainage Gullies and Pipes	€20,000
L-3907	Bowlers Garage	Construction of retain wall adjacent to the Flesk River	€80,000
L-2004	Drainage Works - Knochinish West - Spa Tralee	Storm Drainage along L-2004	€33,200
L-10480	Banna Carpark Pedestrian Ramp	Reconstruct pedestrian access from WAW Discovery Point to strand	€7,500
R-574	Lauragh	Scour damage from flooding and crack in Arch Barrell	€35,000
R-564	Sibin Bridge Lauragh Kenmare	Scour damage from flooding	€25,000
L-6060	Foildarrig Bridge	mitigate against scour damage and the undermining of the bridge structure	€41,600

**Kerry County Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R551	Ballinclemesig, Ballyheigue	Flood Remediation works	€17,000
L-6010	Carrigafoyle	Coastal protection works	€25,000
R551	Replacement of existing piped culvert which gives rise to flooding	Excavate and remove series of piped culverts which have inadequate hydraulic capacity and replace with single span bridge / culvert	€125,000
<b>Total</b>	<b>21</b>		<b>€ 806,675</b>



**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Kildare County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R-417	Maganey, Co. Kildare	Raising road out of flood plain	<b>€185,000</b>
L5051	Rahan to Edenderry towards Edenderry	Road with localised low points which becomes impassible due in severe rainfall. Raising of road level by up to 500mm to mitigate risk of future flooding and provide outfall for surface water	<b>€50,000</b>
R402	Kilshanroe towards Johnstownbridge	Road with localised low points which floods in severe rainfall, caused by insufficient drainage. Installation of additional drainage and raising of road level to mitigate risk of future road flooding	<b>€80,000</b>
R403	Derrinturn to Carbury	Road drainage insufficient in heavy rainfall. Install new larger pipe crossing and outfall to prevent flooding and maintain road passible	<b>€35,000</b>
L5071	Mill Pond Staplestown	Road flooding during heavy rainfall events. Raising of roadway to mitigate the risk of flooding	<b>€115,000</b>
<b>Total</b>	<b>5</b>		<b>€ 465,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

**Kilkenny County Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L1042	Clonassy Flood Improvement	Drainage improvements to convey flood flows and reduce flood impacts	€65,000
L8217	Ballycavas road	Embankment stability to side of road caused by erosion to the flood waters	€30,000
L6600	Dunningstown Drainage Works	Installation of piping and gullies as a road edge protection measure	€15,000
R448	Dunkitt Flood Relief	Drainage improvements to convey flood flows and reduce flood impacts	€70,000
R 426	Drainage at Kiltown, Castlecomer	Provision of roadside surface water drain & associated gullies; Road crossing existing drain and to river	€25,000
L6732	Powerstown	Preventative drainage measures and altering the level of the road at localised area	€20,000
L7431	Rathcurby South Bridge	Bridge Strengthening & Repairs - desilt 2no. arches, repairs to scoured riverbed, piers and embankments. Remove trees and vegetation	€20,000
L2612	Ballyfoyle Road Drainage	Installation of piping and gullies as a road edge protection measure	€12,000
R698	Castletown Drainage Scheme	Drainage improvements to convey flood flows and reduce flood impacts	€30,000
LP 1845	Drainage at Julianstown	Continuation of drainage scheme started under the 2020 Climate Change Action funding. Roadside surface water drain	€25,000
L2638	Kilbline Cross	Altering the level of the road to mitigate flooding and reduce road closures	€40,000
R697	Kells Road Drainage	Install attenuation system	€15,000
R449	Redbridge Flood Relief	Road raising to reduce flood risk during spring tides	€105,000
R699	Drimeen Bridge (Goatsbridge)	Bridge Strengthening & Repairs - desilt arch and undertake flood relief works (tba with Inland Fisheries Ireland (IFI) and National Park & Wildlife Service (NPWS))	€20,000
L2605	O'Loughlin Road	Installation of piping, gully and road re-profiling	€5,000
R909	Roundabout at Hotel Kilkenny	Installation of piping, gullies, kerb and tactile paving adjustment, road re-profiling	€25,000
R910	Waterford Road	Installation of piping, gully and road re-profiling	€5,000
n/a	Nore Tributary Retaining Wall (Inistioge Village)	New foundation and re-build stone wall to retain embankment	€15,000
L66929	Beech Park	Installation of new road side drainage channel along with gullies and piping	€10,000
L2673	Gaol Road	New gullies, piping, kerb adjustment and road re-profiling	€7,500

**Kilkenny County Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R910	Waterford / Bohernatournish Road	Instalation of piping, gully and road re-profiling	€5,000
R693	Freshford Road Drainage	New interceptor drain, piping and outfall	€18,000
<b>Total</b>	<b>22</b>		<b>€ 582,500</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Laois County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L-1652	Kilbricken Bridge, Mountrath, Co. Laois	Road raising and installation of piping to maintain cross flows	€35,000
R435	Pound Street, Rathdowney	The works will involve raising the camber of the road and installing drainage infrastructure to mitigate flooding of the Regional Road. Fluvial Flooding	€75,000
L-81104-0	Woodgrove Portlaoise	Clean and enlarge open drainage channels through residential area in Portlaoise town, remove trees that have fallen and restricted the drain and trees at risk of falling and restricting drainage	€82,500
L-77951-0	Aughnacross Spink	Install surface water pipeline, gullys and road crossing	€30,000
L-16564-0	Ballytarsna Abbeyleix	Install new drainage pipeline with gullys and link to network of existing open drains.	€15,000
L-1034	Cardtown, Camross Embankment	Gabions baskets required to make road structurally sound and provide restraint and protection.	€30,000
L-78001-0	Crutt Spink	Replace 2 no. road crossings / culverts	€7,000
L-3838	Coolnabacka, Timahoe, Co. Laois	Road raising and drainage	€18,000
L-6695-21	Clonboyne Portlaoise (road and land adjacent to railway line)	Replace 50m of pipeline to the SE of main Dublin to Cork/Limerick Rail line and install 100m of new drainage on NW side of the main Dublin to Cork/Limerick Rail line. This surface water line is critical to the area of Clonboyne. Irish Rail have replaced the section of pipe under the rail line in Q1 2021.	€70,000
L-2694-0	Clonadacasey Portlaoise (FitzpatrickS)	Roadside drainage and new pipeline open drain	€10,000
R945	Mountmellick Road Portlaoise	Clean drain and culvert across from the Bog Road Pub Mountmellick Road	€46,000
L-7819	Ballymaddock Cross Roads, Stradbally, Co. Laois	Drainage works	€15,000
L-26965-0	Togher Portlaoise	Open drain and 2 no. culverts near PRFC	€30,000
<b>Total</b>	<b>13</b>		<b>€ 463,500</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Leitrim County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
LS8243	Shass Mountain Landslide & Dawn of Hope Bridge	Completion of Remedial works required to roads and Bridge as a result of a landslide from Shass Mountain in June 2020, which includes construction of new Dam with Silt Curtains to protect road, Completion of works on Bridge and further bank stabilization and works to Culvert Headwalls at Bridge and other repairs necessitated by further flooding event on LS 8243 and Bridge November 2020	<b>€101,000</b>
R280	Flood relief to R280	Construct storm overflow pipe on Regional road to Lough Bran	<b>€70,000</b>
R207	Gabion Wall protection - Lough Allen	Construct gabion protect to lands adjacent Lough Allen	<b>€50,000</b>
R208	Kiltobrid edge protection	Roadside open rain will require culverting and embankment works and raising of regional road junction	<b>€100,000</b>
R287-2	R287-2 at Corcusconny	Investigate and repair culverts and clean drains to River Bonet to allow for quicker subsidence of floods on road	<b>€20,000</b>
R280-53/54	R280-53/54 Ballyglass	Clean out roadside open drains, replace culvert	<b>€20,000</b>
L-2079-2	L2079-2 Mullanaleck	Clean out roadside open drains, replace culvert	<b>€7,500</b>
L-2098-0	L2098-0 Muckrum	Raise road with 2 layers of with asphalt concrete & S.D.	<b>€15,000</b>
L-36551	Rinacurreen	Raise the public road to 5 dwelling on cul de sac	<b>€70,000</b>
R281-7	R281-7 Kiltyclogher	Clean out open drains in private property and replace culvert	<b>€9,000</b>
L6643-2	L6643-2 Commons Lane	100m of new S.W.drainage/gullies, Raise kerd level, macadam reinstate	<b>€25,000</b>
R282-12	R282 - 12 Drumanure, Rossinver	Clean out open drains in private property and replace culvert	<b>€15,000</b>
<b>Total</b>	<b>12</b>		<b>€ 502,500</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Limerick City &amp; County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
LP1103	The Mall, Castleconnell	Works in SAC. Upgrade existing masonry wall, remove trees, improve drainage discharges including placement of non-return valves	<b>€150,000</b>
R523	Ardagh R523 drainage	Upgrade existing drainage	<b>€30,000</b>
L8539	Knockcommane Flood Mitigation Works	Raising section of two no. local roads (L8539 and L8537) as not passable following periods of heavy rainfall	<b>€165,000</b>
L5021	Glenstal Gate Flood Mitigation and Road Edge Protection Scheme	A large catchment from part of the Slieve Felim Mountains has caused major erosion to the road edge in Glenstal. There is no drainage system at this location. Storm water simply flows over a 1km down the road to the nearest watercourse causing erosion of the carriageway edge	<b>€120,000</b>
R512	R512 at UBL 3 to Kilmallock Roundabout	Upgrade existing drainage. Lack of infrastructure to drain the carriageway of stormwater has led to water ponding at this location.	<b>€100,000</b>
L1325	Mountcollins , Meenakilla, drainage	Upgrade existing drainage	<b>€60,000</b>
R662	Galbally Village Works	Cast In-situ Drainage Channel and Additional Drainage Works	<b>€70,000</b>
<b>Total</b>	<b>7</b>		<b>€ 695,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

**Longford County Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L1007	Ballagh-Drumlish Rd	Road edge protection	<b>€95,250</b>
R198	R198 Tawnagh	Embankment stabilisation with Rock fill and verge construction. (Piping of drains and embankment improvement works). SAFETY BARRIER NOT INCLUDED	<b>€115,000</b>
R396	R396 Abbeylara Village	Flooding on Carriageway for a distance of 150m Granard road out of Abbeylara Village. Install new draiange system through the village	<b>€39,000</b>
<b>Total</b>	<b>3</b>		<b>€ 249,250</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Louth County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L-90182	Sarah Gibney Lane	Installation of drainage network to prevent road constantly flooding and ponding	<b>€20,000</b>
LP-2321-0	King Williams Glen	Install gabions to Repair embankment eroded and damaged by adjacent stream	<b>€10,000</b>
LP-2244-0	Port Beach Coast Road	Repair Rock Armour eroded and damaged by wave Action which is undermining road	<b>€30,000</b>
L-6305-0	Section of Strand Road from Termonfeckin to Seapoint	Resurface road which has been damaged by frequent flooding events	<b>€22,000</b>
R150-2	Marsh Road, Drogheda	Resurface road which has been damaged by frequent flooding events	<b>€97,000</b>
R174	Jeninstown	Failing embankment	<b>€15,000</b>
L-1003-135	Donore road junction with Ballsgrove & Grove road New Gully & Drainage pipe	Upgrade of drainage network to prevent road constantly flooding and ponding	<b>€10,000</b>
R-166-3	Crosslanes at Windmill road junction	Upgrade of drainage network to prevent road constantly flooding and ponding	<b>€10,000</b>
LP-2240	Ganderstown	Installation of drainage network to prevent road constantly flooding and ponding	<b>€16,074</b>
LS-6219	Glaspistol	Installation of drainage network to prevent road constantly flooding and ponding	<b>€10,229</b>
LS-6269-0	Ballymaglane	Installation of drainage network to prevent road constantly flooding and ponding	<b>€33,610</b>
LP-2279-32	Walshestown	Installation of drainage network to prevent road constantly flooding and ponding	<b>€10,000</b>
<b>Total</b>	<b>12</b>		<b>€ 283,913</b>



**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Mayo County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L1106	Crossmolina Flooding - 1A -L1106 - (Garretts Road)	Surveys, Investigations, Testing, Reports & Works	€161,290
L5655	Cahernagollum	Raise road and repair road due to flood damage.	€20,900
L56603	Carheens	Raise road over flood	€23,600
L5666	Ballynalty	Raise road over flood	€42,000
L5665	Ballynalty	Raise road over flood and drainage works	€31,740
L56319	GLENMASK Road Containment	rock armour at base of embankment	€37,000
L5717	SNUGBOROUGH FLOOD RELIEF	Raise road level, provide stream edge barrier	€42,830
L1810	ISLANDEADY FLOOD RELIEF	New culvert to contain surge flood	€26,500
L1725	Garryduff, Castlebar	New culvert to increase capacity and contain surge flood	€76,000
R324	R324 Pollavaddy Flood relief improvements	Increase existing 900mm pipeline capacity, de-sludge existing line and channel and replace damaged covers/grid on existing manholes.	€36,750
R310	Pontoon Retaining Wall	Reinforce roadside wall / bank along lake	€44,200
L5162-30	Crossmolina Flooding - 2 - L5162-30 Rathmore Road	Roadside Drainage, Banking & Strengthening	€40,000
R332	Milford Demesne	Drainage works to relieve flood and repair road	€8,150
L5640	Lissatava	Drainage works and repair road due to flood damage	€23,650
L5535	Coolmeen/Five Cross roads	Raise road over flood and rebuild boundary walls along with accomodation works	€62,015
L16064	Knockalinsky	Repair road due to flood damage	€14,000
L1611	Cregduff	Raise road over flood and install drainage pipe under road.	€48,020
L5659	Ballyshingadaun	Repair road due to flooding and drainage works	€15,325
R332	Hollymount	Drainage works to relieve flood	€3,200
L1611	Carrowmore	Raise road over flood	€18,080
L-1512-36	Culnacleha (Farnaun)	Raise & repair road due to flood damage	€6,720
L-1917-20	Coogue South	Hydrochambre, drainage & repair road due to flood damage	€12,000
L55631	Lawaus	Raise road over flood level	€11,000

Mayo County Council			
Road Number	Scheme Title	Scheme Description	LA Allocation
L-15097	Ballyglass Cemetery (Kileenrevagh diversion road)	Raise & repair road due to flood damage	€20,000
L-5553	Logboy/ Carrickmacantire	Hydrochamber, drainage & raise road over flood level	€16,000
L5562	Cuillaun	Raise & repair road due to flood damage	€49,125
L-15032	Rockfield 1	Drainage & repair road due to flood damage	€6,125
L-15032	Rockfield 2	Raise & repair road due to flood damage	€7,875
L5531	Caltra (1 & 2)	Raise & repair road due to flood damage	€13,125
L-5539	Portagh (1, 2, 3)	Raise & repair road due to flood damage	€22,900
L-1610	Seefin	Hydrochambre, drainage & repair road due to flood damage	€5,500
L1615	Ramolin	Drainage work to relieve flood	€17,900
L5160-30	Crossmolina Flooding - 3- L5160-30 Forrew Road	Roadside Drainage, Banking & Strengthening	€45,000
L1615	Ballisnahyny	Drainage works and repairs to road due to flood damage	€16,475
L5631	L5631 Glenmask Road Protection	Reinstate verge / bank along road edge close to existing bridges to provide retaining structure for road	€43,000
L5740	BROWNHALL FLOOD RELIEF	Drainage to resolve flooding	€24,000
R324	R324 Ballyclogher Flood Relief	Raise road level by approx 200 mm to reduce flooding from adjoining land, construct sump in field and install approx 190m of 225 mm dia pipe to existing soakpit in field	€24,750
L17252	Carrowbrinogue, Castlebar	New culvert to increase capacity and contain surge flood	€14,000
<b>Total</b>	<b>38</b>		<b>€ 1,130,745</b>

Specific Improvement Grant	
Scheme Name	LA Allocation
Bunduaile Sea Wall Scheme	€400,000
<b>Total</b>	<b>€400,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Meath County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R125	R125 Donaghmore Embankment	Road improvement works to prevent further erosion of the existing road where the existing road verge has collapsed due to stream erosion.	<b>€300,000</b>
L6219	Newtownmoyaghy Road Edge	Minor realignment or retaining wall required to repair road edge and verge eroded away by stream flooding events	<b>€75,000</b>
L5055	Driving Test Centre Road Kilcarn Culvert Remedial Scheme L-5055-2	Reconstruct existing culvert including diversion of existing services and new local drainage system	<b>€145,000</b>
L80323	Ballyclare Road Flood Mitigation Works (1 of 3)	Installation of a new drainage line in 1st of 3 no selected locations approx 25m lengths. Refresh water cut, clean out adjacent receiving ditches	<b>€25,000</b>
L80323	Ballyclare Road Flood Mitigation Works (2 of 3)	Installation of a new drainage line in 2nd of 3 no selected locations approx 25m lengths. Refresh water cut, clean out adjacent receiving ditches	<b>€25,000</b>
L-80323	Ballyclare Road Flood Mitigation Works (3 of 3)	Installation of a new drainage line in 3rd of 3 no selected locations approx 25m lengths. Refresh water cut, clean out adjacent receiving ditches	<b>€25,000</b>
<b>Total</b>	<b>6</b>		<b>€ 595,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Monaghan County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
LT30103	Drumfaltra, Ballybay	Cleaning Channel, upgrading 2 no culverts	<b>€60,000</b>
L49012	Tullylougherry – Knocknacran	In Year 1 - Verge Treatment including works to parapet walls. In Year 2 100mm overlay for 60m	<b>€15,000</b>
L49012	Tullylougherry – Knocknacran	In Year 1 - Verge Treatment including works to parapet walls. In Year 2 100mm overlay for 60m	<b>€15,000</b>
R186 & L-5051	Derrykinnigh Beg Culvert Replacement	Replace undersized and partially collapsed Clapper Culvert that traverses the R186 and L-5051.	<b>€80,000</b>
LS7110	Garrybawn, Latton	Build up of bank with rock armour and clay to cover recently exposed high pressure water main following flash flooding	<b>€10,000</b>
LP2171	Carnbane Smithboro	Build up of bank that has slipped with rock armour and clay following recent flooding	<b>€20,000</b>
LT76001	Drumaliss LT76001	Verge Treatment including works to parapet walls and a overlay for 120m	<b>€30,000</b>
LT76001	Drumaliss LT76001	Verge Treatment including works to parapet walls and a overlay for 120m	<b>€30,000</b>
LS8831	Descart	Raising the road by 150mm for 250m including verge treatment	<b>€50,000</b>
LT36002-0	Milltown	Raising the road by 150mm for 125m including verge treatment	<b>€35,000</b>
R180	Nafferty	Year 1 - Design for Flood Allievation Measures & Land Agreement. Year 2 Construction	<b>€15,000</b>
R180	Cloughvalley Upper	Installation of new drainage pipeline and gulleys including structural inlay	<b>€30,000</b>
LP3720	Annadrummond	Design and Construction for Flood Allievation Works (Design Fees 50,000 & Construction estimated 550,000)	<b>€50,000</b>
<b>Total</b>	<b>13</b>		<b>€ 440,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Offaly County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R421	Barnes Hill, Tullamore	Gullies and French Drain	€44,000
L-2007	Ballykilmurray	Surface water collector and soakaway	€15,000
R391	Attiblaney, Horseleap	Surface water collector and french drain	€33,000
R-356	Junction of Curraghavarna & Harbour Road, Banagher	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€90,000
L-4009-2	Brosna Village - repair culvert entry	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€25,000
L-70037-1 L-70031-2	Coagh Upper, Rath	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€55,000
L-70034-1	Ballincur Park	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€35,000
L-70133-1	Ciarans Park, Shannonbridge	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€25,000
L-4026-2	Roscomroe	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€20,000
R-439	Rapemills Crossroads	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€25,000
L-4025-2	Aghagurty	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€30,000
L-6037-1	Coolfin, Ballyboy	New storm pipe and gully system to convey surface water from the road to an appropriate outfall.	€25,000
L-6052	Rathrobin	Open Channel and french drain	€10,000
L-20252	Cappancur	Surface water collector and french drain	€6,000
<b>Total</b>	<b>14</b>		<b>€ 438,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Roscommon County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
LS7731	Lisfelim	Raise the road and provide embankments	€90,000
L1827	Corboley	Replace the culvert and raise the road and provide embankments	€50,000
L1820	Cornaveagh, Kilbegnett	Remedial works where roads have been significantly damaged by recent severe weather events	€40,000
L7540	Lis Coffey	Replace the culverts	€40,000
L7561	Derrycahill	Raise the road and provide embankments	€54,000
L7570	Cloncoran	Raise the road and provide embankments	€80,000
L2034	Doovoge	Raise the road and provide embankments	€95,000
L2005	Ballagh	Raise the road and provide embankments	€90,000
L20051	Ballagh	Raise the road and provide embankments	€50,000
L-6650	Derrycashel approach to bridge L-6076	Raise road to prevent persistent flooding, verge build up to standard, land acquisition and fencing	€80,000
L-1612	Cloondacarra Road	Raise road to prevent persistent flooding	€35,000
L-6650	Altore Road	Raise road to prevent persistent flooding	€30,000
L-6523	Glenvela Road	Upsize drainage pipes, install additional gullies and replace defective drainage culverts	€20,000
<b>Total</b>	<b>13</b>		<b>€ 754,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Sligo County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L-9208-0	Cleveragh Drive / Back Avenue Flood Mitigation Measures	Raising of road levels, installation of new drainage system to mitigate ongoing severe flooding problem. Flooding occurs more than 10 times per year.	<b>€80,000</b>
L-74036	Gortarowey drainage system	Installation of drainage works on access road to Benbulbin Tourist Amenity, to prevent ongoing damage to road due to flooding and lack of drainage systems.	<b>€30,000</b>
L6507-0	Drainage works Dringihan (Closer to R297)	Install new drainage system consisting of 50m of 225mm dia pipe and connect road gullies.	<b>€8,000</b>
L8801-0	Replacement of culvert and extension of drainage system on L8801-0 at Kilmacteigue	Replace existing culvert and pipe open drain to mitigate flooding of the public road	<b>€15,000</b>
R-292	R292 Lecarrow Flood Relief Scheme	Extension of existing drainage system installed in 2016, including improved outfall and additional road gully's.	<b>€40,000</b>
R297	Installation of new drainage system at Knockacullen/Ballygillcash (Near Water tower)	Install new drainage system consisting of 250m of 225mm dia pipe & install new road gulleys.	<b>€30,000</b>
L2202-0	Installation of new Drainage system at Rathglass	Install new drainage system consisting of 100m of 600mm dia pipe from existing drain to the sea	<b>€16,000</b>
L2201-0 (36)	Drainage improvement works at Skreen (Garda Stn)	Install new drainage system consisting of 120m 225mm dia pipe and install new road gully's.	<b>€20,000</b>
L-9005	Ballytivnan Road Flood Mitigation Measures	Installation of new drainage system to mitigate road flooding	<b>€20,000</b>
R294	R294 Oghambaun Drainage System Tubbercurry	Installation of a new drainage system to prevent flooding and damage to the R294, and to reduce flooding risk to adjoining household.	<b>€35,000</b>
L6416-0	Installation of new drainage system at Caltragh.	Install new drainage system consisting of 150m X 225mm dia pipe and install new road gully's.	<b>€18,000</b>
L-1603	Flood prevention works at L-1603 at Portinch.	Raise road levels by 450mm approx for 400m to be above Owenmore river flood level in area. Replace culverts crossing the road . Clear adjacent open drains	<b>€60,000</b>

### Sligo County Council

Road Number	Scheme Title	Scheme Description	LA Allocation
L2401-0	Installation of drainage system at Bunowna/Shraheens (Easkey Castle)	Install 4 No 600mm diameter Road Crossing culverts	<b>€14,000</b>
L2702-56	Installation of new Drainage system at Crowagh/Dunneil Mountain	Install two new crossing culverts, 1050mm dia pipes.	<b>€15,000</b>
L-3401	Mullaghaneane drainage works	Drainage works to prevent road degradation	<b>€14,000</b>
L 5401	Road flooding prevention at L-5401 at Ogham,Riverstown.	Raise road level to prevent road flooding due to adjacent Unshin river flood levels.	<b>€21,000</b>
R294	R294 Largan drainage improvements	Raise existing road level and improve and upgrade existing drainage systems.	<b>€60,000</b>
<b>Total</b>	<b>17</b>		<b>€ 496,000</b>



**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Tipperary County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L4305	Cloghleigh retaining wall and box culvert replacement, Golden	Install a concrete retaining wall to retain road embankment and box culvert for the collapsed arch culvert	€180,000
L6517	Heathview	Drainage and resurfacing	€30,000
L1409-2	Lowesgreen	Drainage and resurfacing	€25,000
L1407	Railstown	Drainage and resurfacing	€25,000
L-1402-0	Moyglass Community Centre	Flooding of road (250m in length) at Community Centre	€45,000
L1098	Kylebeg Turlough	Raise existing road levels above flood levels.	€90,000
L3213	Drom Village	Water during high rainfall event creates substantial ponding and a traffic and pedestrian hazard in the village. Proposed drainage works to nearest outlet and upsizing of network to remove the problem	€30,000
L32172	Barnane	Combination of road edge protection and raising the level of the road	€80,000
R490	Ballyhasty drainage scheme	Replace a soakway with a new outfall to the Ballyfinbouy River	€60,000
r493	Terryglass Drainge scheme	Drainage scheme to lower groundwater levels during heavy and prolonged rainfall.	€35,000
L8007	Cooleenbee	Prvision of localised drainage to divert storm/rain water from flooding the local road and also prevent a traffic risk for vehicles entering submerged adjactnt drainage channels	€100,000
L-2410-2	South Lodge to Heathview	Drainage roadside issues (250m in length)	€10,000
L2261	Templederry Village draiange scheme	Provision of a new drainage outfall for the village of Templederry	€30,000
L4155	Moycarky Village	Water during high rainfall event creates substantial ponding and a traffic and pedestrian hazard in the village. Proposed drainage works to nearest outlet and upsizing of network to remove the problem	€65,000
L2605-1	Ballyrichard Road, Carrick on Suir	No roadside drainage	€15,000
L-2601-1	Ballincloona, Carrick on Suir	Flooding outside property	€5,000
L7073-0	Clonakenny	Poor Road condition due to multiple rainfall events during winter resulting is serious deterioroation of the road surafce.	€45,000
L5013	Ballygibbon Hill drainage scheme	Provision of a 225 mm drain and outfall for Ballygibbon Hill	€60,000

**Tipperary County Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L6405-2	Poulacapple, Mullinahone	Pipe and road crossing to prevent road flooding	<b>€8,000</b>
L5046	Rathcabin Drainage Scheme	Provision of a 300 mm diameter outfall pipe in the village of Rathabin	<b>€20,000</b>
L6712-1 & L27018-1	North Quays Carrick-on-Suir	Redesign of Marina to prevent flood debris catching behind same	<b>€15,000</b>
<b>Total</b>	<b>21</b>		<b>€973,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Waterford City &amp; County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L8076	Sea Wall Tramore (Metropolitan District)	Erosion undermining Strand Road parallel to the beach. Rock Armour required to protect	<b>€80,000</b>
R676	Lacken Bridge Works Re shape riverbanks (Comeragh District)	Lacken Bridge Re shape riverbanks and	<b>€15,000</b>
L4049	Butlerstown Road Culvert Replacement (Metropolitan District)	Road crossing collapsing and over capacity needs new culvert	<b>€30,000</b>
R680	Fiddown Carrick Road R680 Upgrade pipes and inlet (Comeragh District)	Upgrade, replace and install new drainage pipes	<b>€20,000</b>
L1018	Tourin (Dungarvan Lismore District)	Rock armour for embankment retaining road & raise road	<b>€200,000</b>
R684	Dunmore Road at Jaybees (Metropolitan District)	Road Crossing collapsed and not working. On bend so risk of aquaplaning and ice in winter	<b>€25,000</b>
R676	Briska Lower Drainage (Comeragh District)	Drainage upgrade with new crossing and concrete channels	<b>€10,000</b>
R677	Ballyogarty to Ballylaneen drainage (Comeragh District)	Drainage upgrade with new crossings and concrete channels	<b>€15,000</b>
R682	Tramore Road Cullencastle (Metropolitan District)	Road crossing culvert capacity issue due to partial collapse. New pipes required and parapet walls	<b>€30,000</b>
L7054 & L7099	Kilmacthomas/ Newtown School & Crech (Comeragh District)	Drainage upgrade and extension to accommodate increased storm flows and prevent flooding in front of School & Crech Entrance	<b>€60,000</b>
R675	Woodhouse, Stradbally drainage (Comeragh District)	Upgrade additional pipes to cater for flow	<b>€15,000</b>
L4022 L4027	Coolfin Portlaw - Install new pipes and outfall headwall (Comeragh District)	Installation of drainage pipes,	<b>€45,000</b>
L3019	Kilrossanty Drainage (Comeragh District)	Drainage Upgrade works	<b>€10,000</b>
<b>Total</b>	<b>13</b>		<b>€555,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

**Westmeath County Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R395 & L5739	Castlepollard Surface Water Drainage System	340 m of 900mm diameter surface water pipe including ancillary works.	<b>€200,000</b>
L5320	Ballyhast Road Raising	Raise the level of the road to mitigate flooding and reduce road closure frequency	<b>€60,000</b>
L1005	Bellfield flooding	Raise the level of the road to mitigate flooding and reduce road closure frequency	<b>€30,000</b>
R390/L5140	Belmont flooding	Provision of a 300mm Surface Water System	<b>€30,000</b>
R195	Castlepollard R195 Road Flooding	Raise the level of the road to mitigate flooding	<b>€61,000</b>
<b>Total</b>	<b>5</b>		<b>€381,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

<b>Wexford County Council</b>			
<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R733	Rock of Ballingley Bridge - R733 just east of Wellingtonbridge	Altering level of Road. Raise 130 metres of the R733. Road to be raised by up to 1 metre. Install 140 linear metres of gabion baskets to retain the road. Install 40 metres of RC wall (20 metres on each side of bridge). Raise masonry parapet walls.	<b>€199,000</b>
L-8115-1	Grange Beach phase 1 - Cliff stabilisation supporting road	Cliff stabilisation at two locations along this road using soil nailing on the upper cliff and rock armour lower part of the cliff. Follow on from design prepared in 2020 funded by DOT under Climate Change Adapation	<b>€197,000</b>
R-746	Coolmela Concrete channel and drainage	Repair and upgrade concrete channel at side of road (approx300m) and upgrade road culvert and outlet to cater for increased water flow	<b>€50,000</b>
L-2007	Cromoge Bunclody Flooding - Culvert installation	New road culvert, road side drainage and new outlet to existing drainage ditch	<b>€30,000</b>
L6032-1	Ballybaun Drainage, Ballymurn	Increased capacity of drainage required to remove flood water from road	<b>€10,000</b>
L1000-5	Ahare Bridge - feasibility study	Feasibility study for potential solutions for tidal flooding at Ahare Bridge	<b>€25,000</b>
L1000-12	Courtown Flooding - drainage	Upgrade to existing drainage	<b>€5,000</b>
L5033-1	Kilmurray Flooding - drainage	Increase the capacity of existing drainage	<b>€25,000</b>
L-6143	Mangan Flooding - Culvert installation	New road culvert, road side drainage and new outlet to existing drainage ditch	<b>€20,000</b>
L-20481	Bree Hill Flooding - Culvert installtion & raise road	New road culvert, raise existing road level	<b>€25,000</b>
L1014-4	Bullring Cross - drainage	Increase capacity of existing drainage	<b>€25,000</b>
L-30325-1	Drainage Works (Dungeer Road)	Installation of 200m of drainage to eleviate flooding on this road	<b>€27,830</b>
L-8013-1	Pollpeasty Bridge - scour protection works	Works to take account of increased hydraulic loads causing scour damage and undermining the bridge structure. Works are required to clean out the river bed and increase opening of the bridge to prevent flooding to the road.	<b>€12,000</b>
<b>Total</b>	<b>13</b>		<b>€650,830</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

**Wicklow County Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
L-6145	Garrymore - Ballincarrig (AMD) 1	Improving drainage works and full overlay to replace severely damaged road.	<b>€200,000</b>
L43655	Ballyknockan, Quarry Road L-43655 Drainage Scheme (Blessington)	Install drainage pipe, road gullies and SUDs attenuation area.	<b>€40,000</b>
R751	Marlton Stream Embankment (WMD)	Clear, grade and reshape 160m of stream and fit motorised grate (for safe cleaning) at existing culvert entry point.	<b>€25,000</b>
R748	Raheenglass Roadside Stabilisation (Tinahely)	Install 500m long timber post and spaced rail retaining system to stabilise stream bank and to build protective bund to road edge. Plant with suitable vegetation for long term stability	<b>€103,000</b>
L1205	Cliff Rd, Greystones, Retaining Wall (GMD)	Various earth retaining elements to cease subsidence of the public road above the Cove Beach	<b>€70,000</b>
R765	Slaughter Hill Drainage (WMD)	Install a 200m piped drainage system with associated road crossings, inlets and run-offs along road edge/s.	<b>€47,000</b>
<b>Total</b>	<b>6</b>		<b>€ 485,000</b>

**Circular RW 06/2021 - Climate Adaptation and Resilience Works 2021**

**Cork City Council**

<b>Road Number</b>	<b>Scheme Title</b>	<b>Scheme Description</b>	<b>LA Allocation</b>
R852	R852 Skehard Road Drainage Scheme	Provision of underground attenuation tank and local upgrade of road drainage infrastructure.	<b>€185,000</b>
L-10038-1	Marian Park, Blackrock - Flood Prevention Works	Upgrading of existing storm sewer collection system, installation of SUDS to stop flooding of roads, road closures and private property damage	<b>€19,000</b>
L-1109-1	McGrath Park, Blackrock - Flood Prevention Works	Upgrading of existing storm sewer collection system, installation of SUDS to stop flooding of roads, road closures and private property damage	<b>€12,000</b>
R618	R618 Inniscarra Road	New Gullies, Storm pipe	<b>€65,000</b>
L-50141-1	Ardfallen Estate, Ballinlough - Flood Prevention Works	Upgrading of existing storm sewer collection system, installation of SUDS to stop flooding of roads, road closures and private property damage	<b>€14,000</b>
L-5278-1	Ravenhill, Trafalgar Hill, Tivoli,	Soil-nailing and structural re-build of a retaining wall	<b>€60,000</b>
<b>Total</b>	<b>6</b>		<b>€ 355,000</b>