






Location Plan

Scale 1:10,000 at A1
Scale 1:20,000 at A3

Key to Plan

-  Existing Rain Gauges
-  Proposed Rain Gauges
-  Proposed River Gauges
-  Extent of River Lee Catchment to Cork City (vicinity of Victoria Cross)
-  Channel Centrelines

Notes:

1. Do not scale from drawing.
2. Proposed works geometry and extents are subject to detailed design.
3. This drawing should be read in conjunction with all other Lower Lee (Cork City) Drainage Scheme Exhibition Drawings and Schedules.

| Group | Interference Reference | Location | General Description of New Works |
|-----------------------------|------------------------|---------------------|---|
| Proposed Hydrometric Gauges | FFS_G20 | Cooleen Bridge | Proposed hydrometric gauge (including backup gauge) to be installed downstream of the existing bridge on the left bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. |
| | FFS_G21 | Dromcarra | Proposed hydrometric gauge (including backup gauge) to be installed at the existing gauge site on the left bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. |
| | FFS_G22 | Curra Bridge | Proposed hydrometric gauge (including backup gauge) to be installed upstream of the existing bridge. Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. |
| | FFS_G23 | Macroom Town Bridge | Proposed hydrometric gauge (including backup gauge) to be installed upstream of the existing bridge on the right bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. |
| | FFS_G24 | Macroom WWTP | Proposed hydrometric gauge (including backup gauge) to be installed at the existing gauge site on the right bank (facing downstream). Electricity supply to be installed. Any encroaching vegetation to be cut back. |
| | FFS_G25 | Laney River | Proposed hydrometric gauge (including backup gauge) to be installed at the existing gauge site on the left bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. |
| | FFS_G26 | Coolmucky Bridge | Proposed hydrometric gauge (including backup gauge) to be installed upstream of the existing bridge on the right bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. |
| | FFS_G27 | Dripsey | Proposed hydrometric gauge (including backup gauge) to be installed at the existing gauge site on the left bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Antenna to be installed to improve mobile data signal. Any encroaching vegetation to be cut back. |
| | FFS_G28 | Ovens Bridge | Proposed hydrometric gauge (including backup gauge) to be installed at the existing gauge site on the right bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. Access to existing ESB hydrometric gauge to be maintained. |
| | FFS_G29 | Bawnafinny Bridge | Proposed hydrometric gauge (including backup gauge) to be installed downstream of the existing bridge on the left bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. |
| | FFS_G30 | Healy's Bridge | Proposed hydrometric gauge (including backup gauge) to be installed downstream of the existing bridge on the left bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. Access to existing ESB hydrometric gauge to be maintained. |
| | FFS_G31 | Waterworks Weir | Proposed hydrometric gauge (including backup gauge) to be installed downstream of the existing weir on the right bank (facing downstream). Solar panel to be installed to supply electricity to the gauge. Any encroaching vegetation to be cut back. |

| Group | Interference Reference | Location | General Description of New Works |
|----------------------|------------------------|--------------------------|--|
| Proposed Rain Gauges | FFS_G10 | Ballingeary WWTP | Proposed rain gauge to be installed on a new plinth attached to the side of a suitable existing building on the site, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G11 | Coolea Pumphouse | Proposed rain gauge to be installed on a new plinth attached to the roof of a suitable existing building on the site, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G12 | Cappeen Pumphouse | Proposed rain gauge to be installed on a new plinth attached to the roof of the existing pumphouse, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G13 | Crookstown Pumphouse | Proposed rain gauge to be installed on a new plinth attached to the roof of a suitable existing building/container on the site, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G14 | Rylane WWTP | Proposed rain gauge to be installed on a new plinth attached to the side of a suitable existing building on the site, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G15 | Knockarourke Reservoir | Proposed rain gauge to be installed on a new plinth attached to the side of the existing office building, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G16 | Aherla Pumphouse | Proposed rain gauge to be installed on a new plinth attached to the roof of the existing pumphouse, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G17 | Upper Cloghroe Pumphouse | Proposed rain gauge to be installed on a new plinth attached to the roof of the existing pumphouse, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G18 | Grenagh WWTP | Proposed rain gauge to be installed on a new plinth attached to the side of a suitable existing building on the site, including a new electricity supply. Any encroaching vegetation to be cut back. |
| | FFS_G19 | Waterfall Pumphouse | Proposed rain gauge to be installed on a new plinth attached to the roof of the existing pumphouse, including a new electricity supply. Any encroaching vegetation to be cut back. |

| Group | Interference Reference | Location | General Description of New Works |
|----------------------|------------------------|----------------------|--|
| Existing Rain Gauges | FFS_G01 | Gougane Barra | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |
| | FFS_G02 | Ballyvourney | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |
| | FFS_G03 | Reananerree | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |
| | FFS_G04 | Inchigeelagh | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |
| | FFS_G05 | Carriganimmy | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |
| | FFS_G06 | Gearagh | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |
| | FFS_G07 | North of Ballynagree | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |
| | FFS_G08 | Carrigadrohid Dam | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |
| | FFS_G09 | Curraleigh | The live data feed from the existing rain gauge is to be made available for the proposed flood early warning system. |

Dr. No. LL_107 Proposed Gauge Network to Support Proposed Fluvial Flood Forecasting System - Plan Layout



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