Strategic Maintenance and Overlay Schemes 2016/17

April 2016
This project consists of the reconstruction of the carriageway on Lezayre Road between its junction with Bircham Avenue Road and its junction with the Glen Auldyn, a distance of approximately 1100 metres.

This section of road has been identified by road condition surveys as having poor ride quality, low residual life and a poor cross sectional profile. Manx Utilities (Water) also wish to install a large diameter water trunk main in this section of road.

The carriageway reconstruction consists of removable of granular fill and the bituminous material, and relaying of a granular sub-base, and 240mm of bituminous material in three layers, Base, Binder & Surfacing. The highway drainage system will also be upgraded, and the footways will be re-kerbed and resurfaced and new tactile crossing points will be installed as required.

The finished scheme will provide a road with a design life of 40 years and is capable of meeting traffic requirements throughout its proposed life span.

Work will require the closure of Bircham Avenue due to depth of excavation and road widths. Work will be phased to maintain access to Poyll Dooey, Riverside Industrial Estate, Gladstone Avenue and Bircham Avenue Close. Access will be maintained for residents. Work will be 6 days per week working extended hours.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This project consists of the reconstruction of the carriageway on the Main Road between Dove Cottage and Costains Scrap Metal Merchants, a distance of approximately 500 metres.

This section of road has been identified by Road Condition Surveys as having a poor ride quality, low residual life and poor drainage.

The carriageway reconstruction consists of removable of granular fill and the bituminous material, and relaying of a granular sub-base, and 240mm of bituminous material in three layers. A new highway drainage system will be installed at the throughout the scheme to alleviate drainage problems. The work will also improve the junction of Mines Road following the demolition last year of the Tackle Box.

The finished scheme will provide a road with a design life of 40 years and which is capable of meeting traffic requirements throughout its proposed life span.

Work will require a full road closure due to the width of the road. The closure will be managed in sections to maintain access for residents and businesses. The local bus services will be diverted.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
Road Name: Broadway/Victoria Road Junction
Location: Douglas
Budget estimate: £125,000

This project consists of overlaying the Broadway and Victoria Road junction.

This section of road was reported to the Department as the surface is failing, indicating that it has low residual life.

The scheme also includes the renewal of life expired traffic signals and associated below ground ducting.

Overlaying the road will improve the surface and ride quality.

Work will be phased and carried out under traffic management where possible but localised weekend closures will be necessary.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of overlaying the existing road surface with a new surface course this will allow the corners to be super-elevated and will improve safety.

This section of road was reported to the Department by the TT Riders & Auto Cycle Union.

The finished scheme will provide a road with improved safety and ride quality for motorists. The improved surface will also be beneficial for the TT riders and the request for improvement has been supported by Department of Economic Development and Auto Cycle Union.

Work will be carried out under a road closure.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the Planing and inlaying the road with a new surface course and in the process the new surface will be super-elevated.

This section of road was reported to the Department by the TT Riders & Auto Cycle Union.

The area at Waterworks is rutting severely due to the braking of heavy vehicles approaching the bend towards Ramsey.

It is intended to relay the road and in the process the new surface will be super-elevated. New kerbs and footpath will also be installed.

The finished scheme will provide a road with improved safety and ride quality for motorists. The improved surface will also be beneficial for the TT riders and the request for improvement has been supported by Department of Economic Development and Auto Cycle Union.

Work will be carried out under a road closure.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying a section of the A5 between Castletown and Port Erin. The high friction dressing is also failing and as a result is damaging the carriageway surface.

The section of road has poor ride quality and has poor cross sectional profile.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Work is envisioned to be carried under day time road closures.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying the Corlea Road between the A3 and the Kerrowkeil Road with a new surface course, a distance of approximately 2.1km.

This section of road was reported to the Department by a customer as the road surface is in particularly bad condition with low skid resistance. It has previously been used as a stage route for the Manx Rally, but due to the condition was removed last year. It is the main route into Cringle Reservoir.

The overlay will address both the poor skid resistance issues.

Work is envisioned to be carried under day time road closures.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of overlaying Whitebridge Road between Nursery Avenue and the junction with King Edward Road, a distance of approximately 2.9km.

The section of Whitebridge Road has been identified by road condition surveys as having low residual life and poor ride quality. A trench from the installation of the water main is also failing and will be strengthened.

An overlay will enhance the ride quality of this route.

Work is envisioned to be carried under traffic management.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
Road Name: Ballafesson Road (Station Road to Maghergarran)
Location: Port Erin
Budget estimate: £125,000

This Project consists of the overlaying a section of Ballafesson Road between Station Road to Maghergarran.

The section of Ballafesson Road has been identified by road condition surveys as having poor ride quality and poor cross sectional profile, in part due to the number of services trenches that cross the road.

The road surface for the full length of Ballafesson Road is generally in poor condition. Complaints about the surface and quality of the road have been received from Public Transport.

Overlaying the road will improve the ride quality and surface drainage, whilst sub-surface works will replace or re-compact the backfill to the trenches.

Work is envisioned to be carried under traffic management.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying a section of the Creg ny Baa Back Road at the junction with Honey Hill.

The section of the Creg ny Baa Back Road has been identified by Accident Cluster Analyse as having the need to improve safety.

This section of road was subject to a fatal accident last year. The Department is awaiting the Coroner's report into the accident before progressing.

An overlay will allow the corner to be super-elevated and will improve safety particularly if combined with other safety measures.

Work is envisioned to be carried under a road closure.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying a section of road from the Ballabeg Village Hall to Colby village.

This is a continuation of works on this route, with Ballabeg and Colby villages already having been completed.

The section of road from the Ballabeg Village Hall to Colby village past the school has poor ride quality and has poor cross sectional profile. There are areas of poor drainage and standing water.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Work is envisioned to be carried out under traffic management.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying a section of road from Glen Maye Village to the junction with Patrick Road, a distance of 2.2km.

The section of road has poor ride quality and has poor cross sectional profile. There are areas of poor drainage and standing water.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Work is envisioned to be carried under day time road closures.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
Road Name: Ballacottier Road and Business Park
Location: Braddan
Budget estimate: £400,000

This project consists of resurfacing or reconstructing roads that have recently been adopted by the Department. Barley Field Road and Ballacottier Crescent have been constructed by the developer to a suitable standard but have yet to receive the surface course.

Ballacottier Road is the main through road from Coolil Road to Vicarage Road and forms part of the strategic Douglas Outer Link. This road requires full reconstruction.

All of the roads suffer from poor ride quality, poor profile and drainage. The combination of overlay and reconstruction will provide a smoother surface giving an improved ride quality.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying a section of road suffering from surface course failure leading to potholes and uneven surface which was a particular issue in this residential area.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Work is envisioned to be carried under day time road closures. Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
Road Name: Birch Hill Close
Location: Onchan
Budget estimate: £19,250

This Project consists of the overlaying a section of road suffering from surface course failure leading to potholes and uneven surface which was a particular issue in this residential area.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
Road Name: Hollydene Avenue
Location: Onchan
Budget estimate: £21,000

This Project consists of the overlaying a section of road suffering from surface course failure leading to potholes and uneven surface which was a particular issue in this residential area.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying a section of road suffering from surface course failure leading to potholes and uneven surface which was a particular issue in this residential area.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying a section of Mount Rule/Eyreton Road from Jubilee Terrace to the junction with Peel Road at Crosby. This is an approximate distance of 4.4km.

The section of road has poor ride quality and has poor cross sectional profile. There are areas of poor drainage and standing water. Highway drainage improvements will be carried out ahead of the overlay works to address sub surface groundwater problems.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Work is envisioned to be carried under day time road closures.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This Project consists of the overlaying sections of Baldhoon Road over an approximate distance of 1.0km.

The section of road was badly damaged during the flooding in December 2015. Drainage is also a problem and it is intended that drainage improvement works will take place in advance of the overlay work.

Overlaying this section of road will address these issues with the carriageway and will provide a smoother road surface giving improved ride quality.

Work is envisioned to be carried under day time road closures.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This project consists of the reconstruction of the Maine Road, from the junction with the Upper Promenade to Maine Avenue, a distance of approximately 180 metres.

This road is currently unmade and is currently in the process of being adopted.

The carriageway reconstruction consists of removable of granular fill, and relaying of a granular sub-base, and 240mm of bituminous material in three layers. The scheme will involve installation of a drainage system and renewal of services. The scheme will also provide footpaths and parking areas.

The finished scheme will provide a road with a design life of 40 years and which is capable of meeting traffic requirements throughout its proposed life span.

Work will require a full road closure. The closure will be managed in sections to maintain access for residents and businesses.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.
This project consists of the reconstruction of the carriageway on a section of the St Marks Road between Abbotswood Estate and the bottom of Black Hill, a distance of approximately 550 metres.

This section of road has been identified by Road Condition Surveys as having a poor ride quality, low residual life and poor drainage.

The carriageway reconstruction consists of removable of granular fill and the bituminous material, and relaying of a granular sub-base, and 240mm of bituminous material in three layers. New highway drainage will be installed to alleviate drainage problems.

The finished scheme will provide a road with a design life of 40 years and which is capable of meeting traffic requirements throughout its proposed life span.

Work will require a full road closure due to the width of the road. The closure will be managed in sections to maintain access for residents and businesses.

Please refer to the Strategic Maintenance Programme for Highway Schemes for the proposed start and completion dates.