

To: Maidstone Joint Transportation Board
By: KCC Highways, Transportation & Waste
Date: 12th January 2022
Subject: Highways Forward Works Programme: 2021/22 and 2022/23
Classification: Information Only

Summary: This report updates Members on the identified schemes approved for construction

1. Introduction

This report provides an update and summarises schemes that have been programmed for delivery in 2021/22 and 2022/23.

Kent County Council has recently published a forward works programme for the next five years covering planned maintenance of our highway assets. It is in two parts: the first concerns the next two years (2021/22 - 2022/23), and most of the sites included have already been verified by our engineers. The second part relates to years three to five of our five-year programme (2023/24 - 2025/26) and is largely based on data from our asset management systems, so may be subject to more changes as the schemes are verified.

This programme is subject to regular review and may change for several reasons including budget allocation, contract rate changes, and to reflect our changing priorities. The programme and extent of individual sites within the programme may also be revised following engineering assessment during the design phase, and additional sites may be added, or others advanced if their condition deteriorates rapidly so that we need to react to keep the highway in a safe and serviceable condition.

Further information about how we manage our highway infrastructure, including our county-wide five-year forward works programme, may be found on our website:

<https://www.kent.gov.uk/about-the-council/strategies-and-policies/transport-and-highways-policies/managing-highway-infrastructure>

In addition to planned maintenance of our highway assets, this report includes transportation and safety schemes, developer funded works, Combined Members Grant schemes, and planned maintenance of public rights of way.

Road, Footway & Cycleway Renewal and Preservation Schemes – see Appendix A

Drainage Repairs & Improvements – see Appendix B

Street Lighting – see Appendix C

Transportation and Safety Schemes – see Appendix D

- **Casualty Reduction Measures**
- **Externally funded schemes**

Developer Funded Works – see Appendix E

Bridge Works – see Appendix F

Traffic Systems – see Appendix G

Combined Members Grant – Member Highway Fund – see Appendix H

Conclusion

1. This report is for Members' information.

Contact Officers:

The following contact officers can be contacted on **03000 418181**

| | |
|----------------|---|
| Richard Emmett | Highway Manager Mid Kent |
| Susan Laporte | Maidstone District Manager |
| Alan Casson | Strategic Asset Manager |
| Earl Bourner | Drainage Asset Manager |
| Neill Coppin | Structures Operations Team Leader |
| Sue Kinsella | Street Light Asset Manager |
| Toby Butler | Traffic & Network Solutions Asset Manager |
| Jamie Hare | Development Agreements Manager |
| Jamie Watson | Schemes Programme Manager |

Appendix A – Footway and Carriageway Improvement Schemes

The delivery of these schemes is weather dependent; should it prove not possible to carry out these works on the planned dates, new dates will be arranged, and the residents will be informed by a letter drop to their homes.

| Machine Resurfacing – Contact Officer Mr Byron Lovell | | | |
|--|---------------|--|---|
| Road Name | Parish | Extent of Works | Current Status |
| A274 Sutton Road (Phase 1) | Maidstone | Buffkyn Way to west of Willington Street | Completed |
| A274 Sutton Road (Phase 2) | Maidstone | Willington Street to west of St Saviours Road | Completed |
| Kings Road | Headcorn | Between A274 and Forge Lane | To be programmed March/April 2022 |
| A274 Maidstone Road | Headcorn | Kings Road to Stonestile Road | To be programmed March/April 2022 |
| A20 Ashford Road | Hollingbourne | M20 Junction 8 roundabout to east of B2163 | To be programmed April/May 2022 |
| A249 Wat Tyler Way | Maidstone | Between A229 Upper Stone Street and A20 Ashford Road | To be programmed April/May 2022 |
| Footway Improvement - Contact Officer Mr Neil Tree | | | |
| Road Name | Parish | Extent and Description of Works | Current Status |
| Coombe Road | Tovil | <u>Footway Reconstruction</u> Two Sections 1. Old Tovil Rd to Quarry Rd 2. Courtney Rd to o/s No. 72. | Commenced on site and on-going. Expected to complete by the beginning of November 2021 |
| A20 Ashford Road | Harrietsham | <u>Footway Reconstruction</u> Sections from the junction with Church Road to the Junction with Marley Road (Petrol Station) | Commenced on site and on-going. Expected to complete by mid-October 2021. |

| | | | |
|-----------------------------------|----------------|--|------------|
| Heathfield Road | Penenden Heath | <u>Footway Protection Treatment</u> Full extent | Completed. |
| Hedley Street (including Lucerne) | Maidstone | <u>Footway Protection Treatment</u> Full extent | Completed. |
| Foley Street | Maidstone | <u>Footway Protection Treatment</u> Full extent | Completed. |

Surface Treatments – Contact Officer Mr Jonathan Dean

| Road Name | Parish | Extent and Description of Works | Current Status |
|---|----------------|---|-----------------------|
| Marden Road | Staplehurst | A229 Station Road to west of junction with Clapper Lane (Micro Surfacing) | Completed |
| Willow Way and Mote Avenue (inc. Upper Road and Lower Road) | Maidstone | Square Hill Road to West Park Road (Micro Surfacing) | Completed |
| Sandling Lane | Penenden Heath | Between 40mph terminal to Running Horse Roundabout (Micro Surfacing) | Completed |
| Howland Road | Marden | Maidstone Road to South Road (Micro Surfacing) | Completed |
| Lenham Road | Ulcombe | Chegworth Road to Runham Lane (Micro Surfacing) | Completed |
| Marley Road (Dickley Lane) | Lenham | Marley Works to Steeds Hill (Micro Surfacing) | Postponed until 2022 |
| Old Ashford Road | Lenham | Lenham Square to A20 Ashford Road (Micro Surfacing) | Completed |
| Ashford Road (Overbridge near Junction (M20)) | Hollingbourne | A20 to A20 (Micro Surfacing) | Completed |
| Lower Road | East Farleigh | Priory Close to Kettle Corner (Micro Surfacing) | Completed |
| Hackney Road | Fant | From Unicomes Lane to Gatland Lane (Micro Surfacing) | Completed |
| Rayners Hill | Lenham | A20 to Water Ditch Road (Micro Surfacing) | Completed |

| | | | |
|--|-------------|--|-----------|
| Leeds Road | Leeds | Plough PH crossroads to Horseshoes Lane (Micro Surfacing) | Completed |
| North Pole Road | Barming | From Heath Road to Red Hill (Micro Surfacing) | Completed |
| North Street | Barming | From Heath Road to A26 Tonbridge Road (Micro Surfacing) | Completed |
| Stockett Lane | Tovil | From KFRS to Brockingford Lane (Micro Surfacing) | Completed |
| Pagehurst Road | Staplehurst | Marden Road to 250m south of j/w Thorn Road (Retread – Road Recycling) | Completed |
| Sherenden Lane | Marden | Whole length (Wilden Park Road to Goudhurst Road) (Retread – Road Recycling) | Completed |
| Tilden Lane | Marden | Khernfields Farmhouse to Underlyn Lane (Retread – Road Recycling) | Completed |
| Grigg Lane (Phase 2) | Headcorn | Grigg Farm/Baker Lane to Oak Lane (Retread – Road Recycling) | Completed |
| Stilebridge Lane | Marden | Linton Hill to Underlyn Lane (Retread – Road Recycling) | Completed |
| White Horse Lane | Headcorn | Shenley Road to A274 Biddenden Road (Retread – Road Recycling) | Completed |
| Faversham Road | Wichling | Old Lenham Road to Ringlestone Road (Doddington) (Surface Dressing) | Completed |
| Ashford Road | Lenham | Faversham Road to Dickley Lane (Surface Dressing) | Completed |
| Southernden Road (inc. part of Grigg Lane) | Egerton | Barhams Mill Road to Grigg Farm / Baker Lane (Surface Dressing) | Completed |
| Linton Hill | Linton | Stilebridge Lane (Marden) to Redwall Lane (Surface Dressing) | Completed |

Appendix B – Drainage Repairs & Improvements

| Drainage Repairs & Improvements - Contact Officer Earl Bourner | | | |
|---|---------------|--|--|
| Road Name | Parish | Description of Works | Current Status |
| Eyhorne/Upper Street/Hollingbourne Hill | Hollingbourne | Various repairs to the highway drainage system completed. Further work required to reinstate outfall to pond. | Further landowner liaison in progress. |
| A20 Ashford Rd under rail bridge by Square Hill | Maidstone | The existing drainage has been cleaned and surveyed and is working but an improvement scheme is to be developed to reduce risk of blockages and flooding | Works incomplete due to unmapped services being found despite pre-site surveys. Further works programmed February half term. |
| Harp Farm Road | Boxley | Existing soakaway unmaintainable due to location in field. Replacement soakaway(s) to be considered | Entered onto forward work programme. Permanent Road liable to flooding signs have been installed in the interim. |
| Fairmeadow Subway (near Medway Street) | Maidstone | Faulty non-return valve and damaged Aco Channel drainage covers. | Works complete. Recent flooding due to channel being blocked by leaf fall. Cleansing arranged. |
| Gravelly Bottom Road | Kingswood | Multiple defects found in CCTV survey | Job complete. Cleansing required once pothole blitz works are carried out. |
| Lenham Road | Headcorn | Ditch overflowing onto carriageway | Visiting site with Land Drainage 01/12/21 |
| Bonnington Road | Maidstone | Locate cause of large void in carriageway | Investigations and repairs completed. Road reinstated. |
| Trevor Drive | Maidstone | Large void in carriageway | Investigations and repairs completed. Road reinstated. |

| | | | |
|------------------------|----------------|--|--|
| Groveswood Drive North | Weavering | Large void in footway | Investigations and repairs completed. Area reinstated. |
| Rawdon Road | Maidstone | Large void in footway | Works commenced 29/11/21 |
| Shingle Barn Lane | West Farleigh | Extra drainage installed to alleviate flooding issues and property damage | Works complete |
| Ashburnham Road | Penenden Heath | Replacement pipe work and gullies to existing soakaways | Works complete |
| Neville Close | Maidstone | Investigate broken pipework in rear garden of no 5 to prevent further flooding of property | Works due to commence 03/12/21 |
| Marden Road | Staplehurst | Ditching works and culvert replacement due to historical flooding issues in area | Works complete |

Appendix C – Street Lighting

Column replacement testing of KCC owned streetlights has identified the following as requiring. A status of complete identifies that the column replacement has been carried out. Programme dates are identified for those still requiring replacement.

| Street Lighting Column Replacement – Contact Officer Sue Kinsella | | | | |
|--|---------------|---------------|-----------------------------|-------------------------|
| Road Name | Column | Parish | Description of Works | Status |
| Tonbridge Road | KTBU022 | Fant | Replacement of Street Light | Completion end April 22 |
| Tonbridge Road | KTBU051 | Fant | Replacement of Street Light | Completion end April 22 |
| St Peters Bridge | KSCE001 | High Street | Replacement of Street Light | Completed |
| Bicknor Road | KBCG010 | North Downs | Replacement of Street Light | Completed |
| Bicknor Road | KBCG012 | North Downs | Replacement of Street Light | Completed |
| Sutton Road | KSGF007 | Shepway South | Replacement of Street Light | Completion end April 22 |
| Station Road | KSFA021 | Staplehurst | Replacement of Street Light | Completed |
| Rawdon Road | KRAD001 | High Street | Replacement of Street Light | Completed |
| Thornhill Place | KTBG002 | North | Replacement of Street Light | Completion end April 22 |
| Farleigh Hill | KFAH002 | South | Replacement of Street Light | Completion end April 22 |
| King Street | KKAM013 | High Street | Replacement Street Light | Completion end April 22 |
| Loose Road | KLCQ055 | South | Replacement Street Light | Completion end April 22 |
| Brishing Lane | KBFE010 | Park Wood | Replacement Street Light | Completion end April 22 |
| STRAW MILL HILL | TSAS016 | South | Replacement Street Light | Completed |
| Ashford Road | KABR032 | Boxley | Replacement Street Light | Completed |
| Ashdown Close | KABI001 | Heath | Replacement Street Light | Completed |
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|------------------|---------|-------------|--------------------------|-------------------------|
| Ashford Road | KABQ005 | Boxley | Replacement Street Light | Completion end April 22 |
| Ashford Road | KABQ007 | Boxley | Replacement Street Light | Completion end April 22 |
| Ashford Road | KABQ008 | Boxley | Replacement Street Light | Completed |
| Ashford Road | KABQ009 | Boxley | Replacement Street Light | Completion end April 22 |
| Ashford Road | KABQ013 | Boxley | Replacement Street Light | Completed |
| Ashford Road | KABQ014 | Boxley | Replacement Street Light | Completed |
| Ashford Road | KABQ017 | Boxley | Replacement Street Light | Completion end April 22 |
| Ashford Road | KABQ019 | Boxley | Replacement Street Light | Completion end April 22 |
| Ashford Road | KABR032 | Boxley | Replacement Street Light | Completed |
| Badger Road | KBAF108 | Boxley | Replacement Street Light | Completed |
| Berwyn Grove | KBCB006 | South | Replacement Street Light | Completed |
| Bicknor Road | KBCG032 | North Downs | Replacement Street Light | Completed |
| Bicknor Road | KBCG033 | North Downs | Replacement Street Light | Completed |
| Brownelow Copse | KBHO005 | Boxley | Replacement Street Light | Completion end April 22 |
| Faversham Road | KFAQ007 | Harrietsham | Replacement Street Light | Completion end April 22 |
| Foxden Drive | KFCL006 | Downswood | Replacement Street Light | Completed |
| Goudhurst Close | KGBB002 | Bridge | Replacement Street Light | Completed |
| John Street | KJAG003 | North | Replacement Street Light | Completed |
| Old Ashford Road | KOAG011 | Harrietsham | Replacement Street Light | Completion end April 22 |
| Old Ashford Road | KOAG012 | Harrietsham | Replacement Street Light | Completion end April 22 |
| Palmar Road | KPAF001 | Bridge | Replacement Street Light | Completed |
| Pennine Way | KPDT007 | Downswood | Replacement Street Light | Completed |

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|-------------------|---------|-------------|--------------------------|----------------------------|
| Perryfield Street | KPBE004 | North | Replacement Street Light | Completed |
| Podkin Wood | KPDM004 | Boxley | Replacement Street Light | Completed |
| Raymer Road | KRAE003 | North | Replacement Street Light | Completed |
| Redsells Close | KRCM001 | Downswood | Replacement Street Light | Completed |
| Redsells Close | KRCM004 | Downswood | Replacement Street Light | Completed |
| Rushmead Drive | KRCB002 | South | Replacement Street Light | Completed |
| Sevington Park | KSBA005 | South | Replacement Street Light | Completed |
| Station Road | KSFA025 | Staplehurst | Replacement Street Light | Completed |
| Tonbridge Road | KTBU010 | Fant | Replacement Street Light | Completed |
| Tonbridge Road | KTBU015 | Fant | Replacement Street Light | Completed |
| Tonbridge Road | KTBU019 | Fant | Replacement Street Light | Completed |
| Tonbridge Road | KTBU025 | Fant | Replacement Street Light | Completion end April 22 |
| Watersmeet Close | KWFR001 | South | Replacement Street Light | Completed |
| Westerhill Road | KWBP001 | Coxheath | Replacement Street Light | Completion end April 22 |
| Heath Road | KHCH024 | Coxheath | Replacement Street Light | Completion end April 22 |

APPENDIX D

APPENDIX D1 – CASUALTY REDUCTION MEASURES - identified to address a known history of personal injury crashes

| Location | Parish | Description of Works | Lead officer | Current Status |
|---------------------------------------|---------------|---|----------------------|--|
| Running Horse Roundabout | Maidstone | Virtual lane separation system using road markings & coloured surfacing | Christopher Koningen | Traffic modelling completed, showing a reduction in congestion if the scheme is implemented as proposed. Funding needs to be sought to enable construction in the 22/23 financial year. This is ongoing, and once the required budget is secured the detailed design and appropriate stakeholder liaison will be carried out. |
| Tonbridge Road junction Westree Road | Maidstone | Signing and lining improvements | Claire Venner | Works complete |
| Fairmeadow/Stacey's Street Roundabout | Maidstone | Signing and lining improvements | Jennie Watson | Works to be carried out by developer as part of their S278 Agreement works |
| Linton Hill/Stilebridge Lane | Maidstone | New junction layout | Jennie Watson | Works complete |
| Royal Engineers Roundabout | Maidstone | Lining improvements | Jennie Watson | Scheme part complete – Concentric lining still outstanding |
| A20 Hollingbourne | Hollingbourne | New clearway signs | Jennie Watson | Works complete |
| Eyhorne Road – Outside Primary School | Hollingbourne | Introduction of 20mph | Jennie Watson | Works complete |

APPENDIX D2 – INTEGRATED TRANSPORT SCHEMES – all other LTP funded non-casualty reduction schemes

| Location | Parish | Description of Works | Lead officer | Current Status |
|---------------------------------------|-------------|---|---------------|---|
| Walderslade Woods | Boxley | Reduction of speed limit to 50mph and associated traffic calming measures | Jennie Watson | Works complete. |
| A229 Cranbrook Road/High Street | Staplehurst | Virtual Traffic Calming Scheme | Demi Richards | Works complete |
| Pheasant Lane | Maidstone | Improvements to encourage cycling – vegetation clearance and signage works. | Paul Leary | Works complete. |
| Buckland Hill | Maidstone | New Zebra Crossing | Jennie Watson | Currently at design stage. Scheme due to be handed over to contractor January 2022 and to be constructed in Spring 2022 |
| Hart Street/Barker Road | Maidstone | Experimental Traffic Regulation Order for One-Way System | Jennie Watson | Currently exploring options for a long-term permanent solution and utilising Network Rail and Southeastern Rail land. Stage 1 Road Safety Audit to be carried out before KCC can share proposals in the public realm. A detailed update will be provided at the JTB meeting in January 2022 |
| PROW KB18 North of Maidstone Hospital | Maidstone | Upgrading of route to allow cycling and improve wayfinding signs. | Jennie Watson | Scheme handed over to contractor November 2021 and scheme due for construction early 2022 |

APPENDIX D3 – LOCAL GROWTH FUND

Local Growth Fund programme update for the Maidstone Borough.

The Department for Transport (DfT) added £100m to the Local Growth Fund (LGF) pot to fund Local Sustainable Transport Fund Style schemes. KCC subsequently submitted four Local Sustainable Transport Fund (LSTF) capital bids 1) East Kent – A network for Growth, 2) Kent Thameside – Integrated door-to-door journeys and 3) West Kent – Tackling Congestion. The fourth was for Tonbridge Town Centre Regeneration, which included a highway improvements scheme in the Lower High Street as well as additional LSTF style measures. The objective of all the capital bids is to boost economic growth by decreasing carbon emissions and reducing congestion.

The Kent Thameside, West Kent and Tonbridge Town Centre Regeneration bids were all successful. The schemes aim to:

- improve access to employment and services
- reduce the need to travel by the private car
- enhance pedestrian, cycle, and public transport facilities
- improve sustainable transport connections

The following schemes have been submitted as part of the successful West Kent – Tackling Congestion bid.

| Location | Parish | Description of Works | Lead officer | Current Status |
|--|-----------|---|----------------|--|
| Week Street junction with Station Road | Maidstone | A highway improvement consisting of a raised table and improvements to 2 pedestrian crossings to better link Week Street to Maidstone East Rail Station | Alan Osuoha | Works complete |
| Maidstone East Station Improvements | Maidstone | Station Improvements | Annette Bonner | Works on the station improvements commenced in January 2020, with the temporary ticket office installed by Southeastern operational since January 2020. Contract Completion date had been delayed due to emerging changes to designs in some areas |

| | | | | |
|--|--|--|--|--|
| | | | | <p>and working restrictions due to COVID 19 with an estimated completion of July 2021. While works on the public realm were progressing, restrictions on internal works in the station building necessitate different working practices, creating inefficiency and slowing progress. KCC Schemes team worked closely with NR, SE, and MBC to co-ordinate the highway & forecourt design with the raised table. MBC have completed the wayfinding design which tied in with the wider improvement works. Forecourt works are complete, and planting will take place in October (planting season). NR have completed their handover to SE for the improvement works to begin on the access (Barracks side of the station). WBP have been appointed and works are planned to start in October 2021 with a December completion date. A launch event is being planned for October 2021.</p> |
|--|--|--|--|--|

Appendix E – Developer and Other Externally Funded Works

| Section 106 Schemes | | | | |
|---------------------|--|--------------|--|--|
| File Ref. | Road Name | Parish | Description of Works | Current Status |
| S106-MA-819 | Linton Crossroads | Linton/Loose | Junction/signal upgrade | KCC investigating how any funding gap can be dealt with. At present there is not a programme for construction. |
| S106-MA-1104 | Hermitage Lane and M20 junction 5 lining | Maidstone | Cycleway improvements between rail station and hospital on east side | Croudace development for 330 homes off Hermitage Lane if planning permission is to be granted will deliver via a S278 the section between the train station and Chapelfield Way. The remaining section to the hospital may well also be funded by a S106 agreement with Croudace. M20 Junction 5 lining has been implemented with directions signs still to be installed. |

| Parish Council Funded Schemes | | | | |
|-------------------------------|----------------|---------------------|------------------------|----------------|
| File Ref. | Road Name | Parish | Description of Works | Current Status |
| 2021-EXT-MA-1232 | Linton Hill | Linton | Traffic Calming Scheme | Works complete |
| 2021-CMG-MA-1252 | Village Centre | Boughton Monchelsea | 20mph scheme | Works complete |
| 2021-EXT-MA-1000 | Grafty Green | Boughton Malherbe | Traffic Calming Scheme | Works complete |

Other External Schemes

| File Ref | Road Name | Parish | Description of Works | Current status |
|------------------|-------------------|---------------|--------------------------------|--|
| 2122-EXT-MA-3001 | A249 Detling Hill | Detling | Extension of 50mph speed limit | TRO has been advertised. Scheme has been passed to Contractor October 2021. Works anticipated to be carried out December 2021/January 2022 under lane closures dependant on workspace. |

Appendix F – Bridge Works

| Bridge Works – Contact Officer Neill Coppin | | | |
|--|---------------|--|-----------------------|
| Road Name | Parish | Description of Works | Current Status |
| A20 Maidstone Road | Maidstone | Raigersfield East Bridge (180m west of Willington Street junction), strengthening / renewal of bridge. Works will not affect traffic flow. | Complete |

Appendix G – Traffic Systems

There is a programme of scheduled maintenance to refurbish life expired traffic signal equipment across the county based upon age and fault history. The delivery of these schemes is dependent upon school terms and holiday periods; residents, businesses and schools will be informed verbally and by a letter drop of the exact dates when known.

| Traffic Systems - <i>Contact Officer: Toby Butler</i> | | |
|--|---|-------------------------|
| Location | Description of Works | Current Status |
| A249 Bearsted Road near Hampton Road, Maidstone | Renewal and upgrade of signal controller crossing | Completed August 2021 |
| A299 Palace Avenue near Gabriels Hill, Maidstone | Renewal and upgrade of signal controller crossing | Proposed September 2021 |

Appendix H

Combined Members Grant (Highways) programme update for the Maidstone District

The following schemes are those, which have been approved for funding by both the relevant Member and by Simon Jones, Director of Highways, Transportation and Waste. The list only includes schemes, which are

- in design, or
- at consultation stage, or
- about to be programmed, or
- have recently been completed on site.

The list is up to date as of 15 December 2021.

The details given below are for highway projects only. This report does not detail -

- contributions Members have made to other groups such as parish councils, or
- highway studies, or
- traffic/non-motorised user surveys funded by Members, or
- requests for tree planting to be funded by Members

Dan Daley

| Details of Scheme | Status |
|--|----------------|
| 2021-CMG-MA-1001 – Buckland Hill, Maidstone 20mph scheme | Works complete |

Shellina Prendergast

| Details of Scheme | Status |
|---|----------------|
| 20/21-CMG-MA-1003 – Shenley Road, Headcorn Installation of pedestrian warning signs | Works complete |
| 2021-CMG-MA-08 – Upper Street, Hollingbourne Gateway to village to be enhanced | Works complete |

Legal Implications

1.1.1 Not applicable.

1.2 Financial and Value for Money Considerations

1.2.1 Not applicable.

1.3 Risk Assessment

1.3.1 Not applicable.

Contacts: Richard Emmett/ Susan Laporte 03000 418181