

To: Gravesham Joint Transportation Board
By: KCC Highways, Transportation & Waste
Date: 11th March 2020
Subject: Highway Forward Works Programme – 2019/20 onwards
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 2019/20.

Kent County Council has agreed a substantial increase in the budget for planned highway works over the next three years, and as a result we are still in the process of identifying and designing schemes for inclusion in our full Year One to Two (2019/20 and 2020/21) and Year Three to Five (2021/22 to 2023/24) programmes. Because of this, we have decided to publish an interim programme, and to publish the full programmes later this year. For some assets this interim programme covers approximately the first six months of 2019/20, whilst for others it includes most of the works planned for the whole year.

This programme is subject to regular review and may change for a number of reasons including budget allocation, contract rate changes, and to reflect KCC's changing priorities. The programme and extent of individual sites within the programme may also be revised following engineering assessment during the design phase.

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**
- **Local Growth Fund**

Developer Funded Works – see Appendix E

Bridge Works – see Appendix F

Traffic Systems – see Appendix G

Combined Member 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
Kevin Gore
Alan Casson
Earl Bourner
Sue Kinsella
Toby Butler
Jamie Hare
Jamie Watson

Highway Manager West Kent
Gravesham District Manager
Senior Asset Manager
Drainage & Structures Asset Manager
Street Light Asset Manager
Traffic & Network Solutions Asset Manager
Development Agreements Manager
Schemes Programme Manager

Appendix A – Road, Footway and Cycleway Renewal and Preservation Scheme

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.

COVID-19 – Unless otherwise stated in the status column the below schemes are currently sanctioned to continue as the operating procedures can be undertaken in line with current Government and Construction Leadership Council advice.

We will continue to take note and adjust to any changes in this advice, so there is a possibility that these works may be postponed at very short notice.

We take the wellbeing of the public and our workforce extremely seriously, and please be assured we have put in place all mitigating measures necessary to abide by the guidance currently in place.

Machine Resurfacing – Contact Officer Mr Byron Lovell

Road Name	Parish	Extent of Works	Current Status
Milton Road	Gravesend	Ordanance Street to Harmer Street	Programmed 14 th March 2021
A227 Wrotham Road	Gravesend	Full Reconstruction Old Road West to Wingfield Road	To be programmed in Summer
A226 Thames Way	Gravesham	From Overcliffe to Thames Way	To be programmed Spring 2021
A227 Wrotham Road	Gravesham	Roundabout Approach	To be programmed Spring 2021
A227 Wrotham Road	Meopham	From Meopham Green to South Street	To be programmed Spring 2021
A226 East Milton Road	Gravesham	Retexturing Range Road to Denton Court Road	To be programmed Spring 2021
New House Lane	Gravesend	Full Extent	To be programmed Spring 2021
B261 Springhead Road	Gravesend	From Springhead Parkway to Pelican Crossing	To be programmed Spring 2021

Footway Improvement - Contact Officer Mr Neil Tree

Road Name	Parish	Extent of Works	Current Status
Ivy Close	Gravesend	<u>Footway resurfacing.</u> Full length.	Completed.

Valley Drive	Gravesend	<u>Footway resurfacing.</u> Various section between Old Rd East and Livingstone Road.	Designed but postponed. To be reprogrammed.
Arnold Avenue	Meopham	<u>Footway resurfacing.</u> Full length.	Completed
Surface Treatments - Contact Officer Mr Jonathan Dean			
The Street	Cobham	From Battle Street to Meadow Room Car park	Complete
Chalk Road	Gravesend	From Vicarage Lane to Rochester Road	Postponed due to utility works
Lower Rochester Road	Higham	From Gore Green Road to Cherry Garden Cottages	Complete
Nash Street (to include Nash Bank)	Gravesend	Nash Street - Whole Road. Nash Bank from A227 to Downs Road	Complete
Warren Road	Cobham	From Luddesdown Road to Medway Boundary	Complete

Appendix B – Drainage Repairs & Improvements

Drainage Repairs & Improvements - <i>Contact Officer Earl Bourner</i>			
Road Name	Parish	Description of Works	Current Status
Brenchley Avenue	Gravesend	Installation of new gullies and Catchpit	All works now completed
Bracondale Avenue	Istead Rise	Whole road including junction with A227. Drainage improvement comprising additional soakaways to reduce risk of surface water flooding within the road	Scheme passed to contractor for delivery
A227 Wrotham Road	Istead Rise	Drainage improvement local to junction with Bracondale Avenue (linked to Bracondale Avenue Scheme)	Detailed design work ongoing
Whitepost Lane	Culverstone	Junction with Carters Hill Lane. Improve existing drainage	Design completed. Liaising with GBC for delivery once weather conditions improve for access
Factory Road	Northfleet	Investigation of flooding outside school.	Meeting took place with landowner (Bellway). Further investigations raised from highway side
Timber Bank	Vigo	Drainage repair works and soakaway cleansing throughout road to resolve minor defects in pipes, mainly from tree root damage. One soakaway undergone structural repairs.	Consultant engineers working on outline flood mitigation report. Draft expected end of February 2021
School Lane	Higham	Scheme to reduce flood risk local to junction with St. Johns Road.	Detailed design now complete. Works order to be passed to contractor before end of February
Whitepost Lane	Culverstone	Flooding at junction with Meadow Lane	Design work for drainage improvement ongoing

Appendix C – Street Lighting

Structural testing of KCC owned illuminated sign has identified the following as requiring replacement. 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	Parish	Description of Works	Status
Abbots Fields	Singlewell	Structural L/Col replacement x 1	Due for Completion by end March 2021
Alfred Place	Coldharbour	Structural L/Col replacement x 1	Due for Completion by end March 2021
Bracondale Ave	Instead rise	Structural L/Col replacement x 1	Due for Completion by end March 2021
Cambell Rd	N/Fleet South	Structural L/Col replacement x 1	Due for Completion by end March 2021
Chalk Rd	Chalk	Structural L/Col replacement x 1	Due for Completion by end March 2021
Chiltern Rd	Painters Ash	Structural L/Col replacement x 1	Due for Completion by end March 2021
Church Lane	Chalk	Structural L/Col replacement x 2	Due for Completion by end March 2021
Clarence Row	Central	Structural L/Col replacement x 1	Due for Completion by end March 2021
Coldharbour Rd	Coldharbour	Structural L/Col replacement x 2	Due for Completion by end March 2021
Constitution Hill	Central	Structural L/Col replacement x 2	Due for Completion by end March 2021
Coopers Hill	Coldharbour	Structural L/Col replacement x 1	Due for Completion by end March 2021
Cotswold Rd	Painters Ash	Structural L/Col replacement x1	Complete
Council Ave	N/Fleet North	Structural L/Col replacement x 2	Due for Completion by end March 2021
Dene Holm Rd	Painters Ash	Structural L/Col replacement x1	Complete
Dover Rd	N/Fleet North	Structural L/Col replacement x1	Due for Completion by end March 2021
Durndale Lane	Painters Ash	Structural L/Col replacement x1	Due for Completion by end March 2021
Eagle Way	N/Fleet North	Structural L/Col replacement x1	Due for Completion by end March 2021
Fortrye Close	Painters Ash	Structural L/Col replacement x1	Complete
Franklin Road	Singlewell	Structural L/Col replacement x 1	Complete
Glen View	Central	Structural L/Col replacement x 3	Due for Completion by end March 2021

Gravesend Rd	Shorne	Structural L/Col replacement x1	Due for Completion by end March 2021
Hall Rd	N/Fleet South	Structural L/Col replacement x 2	Due for Completion by end March 2021
Hall Road	N/Fleet	Structural L/Col replacement x 2	Due for Completion by end March 2021
Hilary Ave	Painters Ash	Structural L/Col replacement x 1	Due for Completion by end March 2021
Hillside Ave	Whitehill	Structural L/Col replacement x 2	Due for Completion by end March 2021
Hollybush Rd	Central	Structural L/Col replacement x 3	Due for Completion by end March 2021
Hunt Rd	Painters Ash	Structural L/Col replacement x 1	Due for Completion by end March 2021
Landseer Ave	Painters Ash	Structural L/Col replacement x 2	Complete
Leith Park Rd	Central	Structural L/Col replacement x 1	Due for Completion by end March 2021
Lingfield Rd	Woodlands	Structural L/Col replacement x 1	Due for Completion by end March 2021
Livingstone Road	Gravesend	Structural L/Col replacement x 1	Due for Completion by end March 2021
Love Lane	Central	Structural L/Col replacement x 1	Due for Completion by end March 2021
Lower Rd	Northfleet	Structural L/Col replacement x 1	Need UKPN to carry out work as cable is encased in concrete
Mark Lane	Riverside	Structural L/Col replacement x 1	Complete
Norfolk Rd	Riverside	Structural L/Col replacement x 1	Due for Completion by end March 2021
Old Perry St	N/Fleet South	Structural L/Col replacement x 1	Due for Completion by end March 2021
Old Road East	Central	Structural L/Col replacement x 3	Due for Completion by end March 2021
Ordnance Rd	Riverside	Structural L/Col replacement x 1	Due for Completion by end March 2021
Parrock Ave	Central	Structural L/Col replacement x 5	Due for Completion by end March 2021
Peter St	Central	Structural L/Col replacement x 1	Due for Completion by end March 2021
Pickwick Gdns	Painters Ash	Structural L/Col replacement x 1	Complete
Pine Ave	Central	Structural L/Col replacement x 4	Due for Completion by end March 2021
Plane Ave	N/Fleet North	Structural L/Col replacement x 1	Due for Completion by end March 2021
Rouge lane	Central	Structural L/Col replacement x 1	Due for Completion by end March 2021
Royal Pier Rd	Riverside	Structural L/Col replacement x 1	Due for Completion by end March 2021
Shepherd St	N/Fleet North	Structural L/Col replacement x 2	Due for Completion by end March 2021

South Hill Rd	Central	Structural L/Col replacement x 1	Due for Completion by end March 2021
South Hill Road	Gravesend	Structural L/Col replacement x 1	Due for Completion by end March 2021
Springhead Enterprise Park	N/Fleet South	Structural L/Col replacement x 2	Due for Completion by end March 2021
Springhead Rd	N/Fleet South	Structural L/Col replacement x 1	Due for Completion by end March 2021
St Marks Ave	N/Fleet North	Structural L/Col replacement x 1	Due for Completion by end March 2021
Stonebridge Rd	N/Fleet North	Structural L/Col replacement x 3	Due for Completion by end March 2021
Tennyson Walk	Painters Ash	Structural L/Col replacement x 2	1 Complete 1 O/S completion by end March 2021
The Alma	Riverview	Structural L/Col replacement x 1	Due for Completion by end March 2021
Vale Rd	N/Fleet South	Structural L/Col replacement x 1	Due for Completion by end March 2021
Windmill Street	Gravesend	Structural L/Col replacement x 1	Due for Completion by end March 2021

Appendix D – Transportation and Safety Schemes

Casualty Reduction Measures

The Schemes Planning & Delivery team is implementing schemes within Gravesham Borough, in order to meet Kent County Council's (KCC) strategic targets (for example, addressing traffic congestion or improving road safety). Casualty reduction measures 9th February 2021

Local Transport Plan funded schemes – Contact Officer: Claire Venner		
Road Name	Description of Works	Current Status
Casualty reduction measures (reactive) – Gravesham		
A2 Watling Street j/w Parkfields	Junction realignment and TRO to ban the right turn from Parkfields.	Design
A226 Woodville Place j/w Windmill Street	Lane designation road markings and advanced direction signage.	Design
B261 Old Road West mini roundabout j/w Pelham Road	Roundabout realignment	Design
B261 Old Road East j/w Brown Road	Advanced signage to crossings	Design
A226 London Road j/w Pier Road	Lining re-fresh	Design
A2 Watling Street j/w Three Crutches Roundabout	Signing and lining. To be addressed alongside Parkfields scheme	Design

Externally Funded Schemes

The Schemes Planning & Delivery team is implementing schemes within the borough of Gravesham funded by external corporations whilst still meeting KCC's strategic targets with the road network.

Externally Funded Schemes – Contact Officer: Grant Kennaird			
Road Name	Description of Works	Source of Funding	Current Status
Station Road, Northfleet	Construction of a hard standing outside Northfleet Station	Ebbsfleet Development Company	Completed
Roman Road, Pepper Hill,	(NCN177) Vegetation clearance for a small footway scheme.	Ebbsfleet Development Company	Completed
Ebbsfleet Direction Signs	Design and implementation of Advanced Direction Signs (ADS) & Direction Signs to	Ebbsfleet Development Company	On hold as this scheme is to be completed in stages along with the house build programme.

	include the wording 'Ebbsfleet Garden City'.		
Sun Lane/White Hill Road	Proposed 'One Way'	TBC.	Monitoring.

Local Growth Fund

Local Growth Fund programme update for Gravesham Borough

The Department for Transport (DfT) added £100m to the Local Growth Fund (LGF) pot in order 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 of 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 Kent Thameside LSTF this financial year.

Scheme	Status
Cycle Hub to Cyclopark cycle route – a signed route between the cycle hub and Cyclopark which is suitable for less confident cyclists.	The consultation report was published on 22 nd October and can be found at the KCC directory www.kent.gov.uk/gravesendcycleroute/phase2 Detailed design completed and handover pack with Amey. 3 x cycle counters have now been installed to collect pre-scheme and post scheme data. There was a slight delay with the contractors, but construction started at the end March 2020. The major civils improvements in New House Lane, Coldharbour Road and Dashwood Park are now completed. Signposts in however we are awaiting signs and bollards, delayed due to Covid-19 and suppliers catching up with demand, these are programmed for the end of February. Three cycle counters along the route for pre/post monitoring have now been reinstated following construction period.
Bus Hub – Barrack Row	KCC have acquired the land from Network Rail in Barrack Row for the creation of a Bus Hub which aims to consolidate the bus stops around the Station and improve the waiting facilities for the public. All tenants have vacated the site and premises are in the possession of KCC. A Tenancy at Will has been signed by Saturn Taxis for use of the forecourt fronting their former office until construction begins and the presence of vehicles will aid with security. Initial investigations identified

issues with the tracking and swept paths this was investigated, and the design altered to have 4 stops in Barrack Row and Fastrack and Sapphire services stopping in Garrick Street. A Members briefing paper was sent out on 3rd June to all members to inform of the scheme. A meeting with the GAG took place on 3rd June followed by an engagement event on 13th June 2019, all feedback was reviewed and considered. The design was presented to JTB in Sept 2019. All surveys have now been completed therefore removing demolition constraints, the slope stability report has now been received it has been agreed with NR to use soil nailing with wire mesh mat to stabilise. Layout of the scheme is now confirmed, and DD's are finalised. The Bus hub (Barrack Row and Garrick Street) are now one scheme and the tender documents have been issued with a return date of mid-February. Construction will commence May 2021 with a 10-month construction period. Planning Permission has been approved for the Canopies/shelters and two electric bus pantographs down charging poles with cantilever arms, the public realm and landscaping has also been included. Planning Permission has now been determined for the Canopies/shelters and two electric bus pantographs down charging poles with cantilever arms, the public realm and landscaping has also been included. Further details can be found at <https://plan.gravesham.gov.uk/online-applications/> KCC are working with GBC to help facilitate the future installation of a toilet facility by Gravesham, this will ensure that it doesn't require additional groundwork and removal of the granite paving.

Appendix E – Developer Funded Works

Developer Funded Works (Section 278 Agreement Works) – Contact Officer Aaron Divali				
Scheme Name	Mastergov File Ref No	Parish	Description of Works	Current Status
Wimbourne House, Truro Road, Gravesend	GR003005	Gravesend	Extension of footpath from Bellmouth for approximately 50m in direction of Valley Drive	Awaiting estimate from Ops to allow defect notice
BP Tollgate Station, Wrotham Road, Northfleet	GR003009	Northfleet	Creation of new access to serve BP Tollgate Station	Still awaiting further contact/ planning
Ebbsfleet United FC	GR003013	Northfleet	Footway works for new entrance	main s278 works delayed
Lion Roundabout	GR003017	Gravesend	Realignment of roundabout, removal of planters, upgrading of pelican crossing to toucan and instillation of joint footway/cycleway around roundabout	Works finished, on maintenance
Springhead Road junction with A2260	GR003020	Gravesend Swanscombe Ebbsfleet	New Access onto A2260 from Springhead	Works practically complete
Allens Mead	GR003024	Gravesend	Tie in from Dalefield Way development	In maintenance
Crete Hall Road	GR003057	Northfleet	Entrance to new development incorporating realignment of Crete Hall Road	Works started
Crete Hall Road	GR003239	Northfleet	Entrance to new Berkley Factory	Works mostly complete
Dering Way West	GR003132	Northfleet	Continuation of Road to form new entrance	Works Complete on maintenance
Coldharbour Road	GR003271	Northfleet	New combined cycleway / footway	Works Complete, defect list issued

Thames Way,	GR003367	Northfleet	Berkley Modular Abnormal load strategy, minor alterations to signals on route	Technical Acceptance. Agreement awaited
Coldharbour Road (Lidl)	GR003037	Northfleet	New Footway/ Cycleway by developer and works to Wrotham road to be completed by Highways England agreement	All approved, agreement awaiting signing
Harbour View	GR003038	Northfleet	New footway along frontage of single dwelling	Agreement Signed, Works complete

Appendix F – Bridge Works

Bridge Works – Contact Officer: Earl Bourner			
Road Name	Parish	Description of Works	Current Status
No works planned			

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; local 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
Rochester Road near Dickens Road, Gravesend	Renewal of traffic signal- controlled crossing	Completed July 2020
Milton Road near Cumberland Avenue, Gravesend	Renewal of traffic signal- controlled crossing	Completed July 2020

Appendix H - Combined Member Grant programme update

Member Highway Fund programme update for the Gravesham Borough

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
- at consultation stage
- about to be programmed
- Recently completed on site.

The list is up to date as of 09/02/2021

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
- highway studies
- traffic/ non-motorised user surveys funded by Members.

More information on the schemes listed below can be found by contacting the District Manager for the Gravesham District, Kevin Gore.

Bryan Sweetland

Details of Scheme	Status
The Ridgeway – Village Gateway features	Ordered
Forge Lane, Bowesden Lane, Woodlands Lane – Speed Surveys	Pending Review
The Street, Cobham – Proposed footway protection bollards	Programmed

Alan Ridgers

Details of Scheme	Status
Lower Higham Road – Speed and Class Surveys	Completed

John Burden / Lauren Sullivan

Details of Scheme	Status
Northfleet– Multiple sites for Speed and Class Surveys	Funding secured

1.1 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 / Kevin Gore 03000 418181