

Report of Civil Engineering (Highway Schemes)

Report to the Chief Officer (Highways & Transportation)

Date: 03 March 2020

Subject: M62 Junctions 27/28 Improvements, Highways England MSIF (Minor Safety Improvement Fund) - Agreement with Highways England Relating to the Provision of a Grant to Fund the M62 Junction 28 MOVA Improvement Works

Capital Scheme Number: 32801

Are specific electoral wards affected?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, name(s) of ward(s): Morley North, Morley South, Ardsley & Robin Hood		
Has consultation been carried out?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are there implications for equality and diversity and cohesion and integration?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Will the decision be open for call-in?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the report contain confidential or exempt information?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If relevant, access to information procedure rule number:		
Appendix number:		

Summary of main issues

1. In early 2018 Highways England (HE) commissioned LCC to complete the detailed design, procurement and construction management of the M62 Junctions 27 & 28 Improvements - MSIF (Minor Safety Improvement Fund). In June 2018 Highways Board gave approval to complete the detailed design, tender the scheme through the Highways Term Contract and implement the proposed works. These works were practically completed in June 2019 and since that time HE have been investigating potential additional funding streams to finance the implementation of Microprocessor Optimised Vehicle Actuation (MOVA) at Junction 28 which will give further improvements to traffic flows on both HE's and LCC's networks.
2. In December 2019, HE confirmed that they had identified Grant Funding that could be used to finance the estimated £581k required to implement the MOVA works but added that this grant would have to be issued and the works commenced before April 2020. LCC have confirmed that this programme is achievable and a draft

Grant Agreement has been drawn up and agreed between HE and LCC. The additional MOVA works will be instructed through the main M62 Improvements contract, utilising the existing Section 6 Agreement and Contract Conditions.

Best Council Plan Implications (click the link for the latest version of the Best Council Plan [here](#).)

3. The Best Council Plan and Best City ambition is to improve life for the people of Leeds and make our city a better place with Inclusive Growth and Health & Wellbeing Strategies as key drivers. The provision of improvements to the M62 Junction 28 in the form of MOVA detection will result in improved carriageway capacity and improved journey times which contribute to this ambition by improving the safety and quality of life of Leeds residents by enabling safer vehicular journeys in local communities. The improvements to the city's infrastructure will also help reduce traffic congestion and make a specific contribution to the Best Council Plan 2019/20 to 2020/21 and the Best City priorities for Sustainable Infrastructure.

Resource Implications

4. A condition of the Grant Funding that is being offered by Highways England is that the works on site **MUST** commence before the end of March 2020. If this key date provision is not met then the funding will be withdrawn and Leeds will not benefit from the improved network capacity and reduced journey times that the proposed MOVA infrastructure would deliver, unless the Council were to fund the improvement works themselves in future years.

Recommendations

5. The Chief Officer (Highways & Transportation) is requested to:
 - i) Note the contents of the previously agreed Highways Board reports in relation to the improvement works at M62 Junction 27 & 28;
 - ii) Agree that the Director of City Development is authorised to allow LCC to enter into a Grant Agreement with Highways England to fully fund the MOVA works at M62 Junction 28;
 - iii) Approve an injection of £581,000 into the City Development Capital Programme to be fully funded by Highways England;
 - iv) Give authority to incur expenditure of £581,000 costs to be fully funded by Highways England;
 - v) Give authority to complete the detailed design and implement the MOVA works at M62 Junction 28;
 - vi) Approve that the decisions of the Board in respect of this report be exempted from the Call In process, for those reasons as detailed in paragraph 4.5.2.

1 Purpose of this report

- 1.1 To seek approval to implement Microprocessor Optimised Vehicle Actuation (MOVA) traffic signal control that will improve the capacity of and further reduce congestion at Junction 28 of the M62.

- 1.2 To give authority to enter into a Grant Agreement with Highways England and incur expenditure associated with the implementation of MOVA works to be fully funded by Highways England.

2 Background information

- 2.1 The MOVA Improvement works with which this report is concerned will form part of the Highways England M62 Junction 27 & 28 MSIF Improvement contract which has been recently completed in summer 2019.
- 2.2 During the detailed design stage for the main scheme, it had been identified that, although the proposed road layout and traffic signal design would deliver improvements to existing traffic flows on the HE and LCC networks, the introduction of MOVA to Junction 28 would offer greater benefits than those proposed at that stage.
- 2.3 This matter was discussed with Highways England but as the projected construction costs for both junctions had increased on the original Highways England budget estimates, they concluded that they did not have access to the additional funding required at that time.
- 2.4 Discussions with HE continued throughout the construction phase of the main contract and it was agreed that some minor elements of civils work associated with MOVA would be undertaken, including laying additional ducting across the motorway slip roads and other areas when lane closures were in place for the main works. This was carried out as it was considered to be cost effective and would reduce the overall cost of the MOVA works, should they be introduced at a later date.
- 2.5 The main scheme works were practically completed in June 2019 and since that time, Highways England have been investigating potential additional funding streams to finance the MOVA works at M62 Junction 28. In December 2019 HE confirmed that they had identified grant funding that could be used to implement the MOVA work but a condition of this grant was that it would have to be issued and the works commenced by the end of March 2020.

3 Main issues

- 3.1 The additional MOVA works, including the works to Leeds City Council's network are to be fully funded by Highways England under the terms set out in the Grant Agreement to be signed and sealed by both parties.
- 3.2 The proposed works will be instructed to be undertaken as part of the main M62 Junctions 27/28 MSIF contract and will utilise the existing Section 6 Agreement that is in place for that scheme.
- 3.3 The TTRO's have been progressed to allow local roads and the Motorway slip roads to be closed to safely execute the works. Works are to be carried out 'off peak' with any planned closures to be night works.
- 3.4 Programme: The works are programmed to commence on site on 23rd March 2020 and are planned to be completed by June 2020.

4 Corporate Considerations

4.1 Consultation and Engagement

- 4.1.1 Local Ward Members have previously been consulted as part of the main M62 Junction 27/28 MSIF scheme and no adverse comments were received. Further notifications will be sent to Ward Members, MP and local businesses and residents prior to the commencement of the MOVA works and noise emissions and traffic disruption will be minimal. Web access via Highways England has been set up to provide and maintain contemporary information for road users.
- 4.1.2 Emergency Services and the West Yorkshire Combined Authority will also be further consulted as part of this process.
- 4.1.3 A communications strategy has been developed with LCC and HE officers involved. Additionally, Aone+ and DBFO have made significant contributions to this. The main project communications were led by Highways England and this will continue to be the case for the additional MOVA works. They will take a lead role on customer contact handling and will ensure that any contact is cascaded to the relevant party to be dealt with in the most appropriate and timely fashion.

4.2 Equality and Diversity / Cohesion and Integration

- 4.2.1 An Equality Impact Assessment Screening was prepared for the main scheme and this identified no potential negative impacts.
- 4.2.2 All pedestrian crossings will be retained as part of the additional MOVA proposals. This will support disabled people, especially wheel chair users, carers and parents with push chairs and people using mobility scooters.

4.3 Council policies and Best Council Plan

- 4.3.1 This scheme contributes to the best council objective of improving roads, infrastructure and connectivity.

Climate Emergency

- 4.3.2 The MOVA works will provide improved infrastructure, capacity and journey times at the M62 Junction 28, particularly reducing traffic delays and queues on the entries to the junction. On the above basis the proposals will result in significantly reduced vehicle emissions and carbon footprint of the scheme.

4.4 Resources and value for money

- 4.4.1 The total estimated costs for the MOVA works are £581,000 to be met by Highways England on behalf of the Secretary of State.

4.4.2 Capital Funding and Cash Flow

Funding Approval :	Capital Section Reference Number :-							
Previous total Authority to Spend on this scheme	TOTAL	TO MARCH	FORECAST					
	£000's	2020 £000's	2020/21	2021/22	2022/23	2023/24	2024 on	
			£000's	£000's	£000's	£000's	£000's	
LAND (1)	0.0							
CONSTRUCTION (3)	0.0							
FURN & EQPT (5)	0.0							
DESIGN FEES (6)	0.0							
OTHER COSTS (7)	0.0							
TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Authority to Spend required for this Approval	TOTAL	TO MARCH	FORECAST					
	£000's	2020 £000's	2020/21	2021/22	2022/23	2023/24	2024 on	
			£000's	£000's	£000's	£000's	£000's	
LAND (1)	0.0							
CONSTRUCTION (3)	495.0	495.0						
FURN & EQPT (5)	0.0							
DESIGN FEES (6)	86.0	86.0						
OTHER COSTS (7)	0.0							
TOTALS	581.0	581.0	0.0	0.0	0.0	0.0	0.0	
Total overall Funding (As per latest Capital Programme)	TOTAL	TO MARCH	FORECAST					
	£000's	2020 £000's	2020/21	2021/22	2022/23	2023/24	2024 on	
			£000's	£000's	£000's	£000's	£000's	
Highways England	581.0	581.0						
Total Funding	581.0	581.0	0.0	0.0	0.0	0.0	0.0	
Balance / Shortfall =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

4.4.3 Future Maintenance costs of Leeds City Council assets will be met by the council.

4.5 Legal implications, access to information and call in

4.5.1 The MOVA works are to be instructed as a Compensation Event through the main M62 Junction 27/28 MSIF contract and the existing Section 6 Agreement will be in place for the duration of the works.

4.5.2 A recommendation is made that this report be exempt from call in. This is because the Grant Funding that has been identified by Highways England is only available on the condition that the grant is issued and the work commenced by the end of March 2020. The funding can only be accessed once the grant agreement has been signed by LCC and HE and subsequently sealed. If LCC have not entered into the grant agreement and commenced the works by the end of March 2020 then the funding source will have to be withdrawn and the benefits of improved network capacity and reduced journey times will not be realised.

4.6 Risk Management

- 4.6.1 The Council are to enter into a Grant Agreement with Highways England which sets out the conditions of the funding and the additional MOVA works will be fully funded by Highways England.

5 Conclusions

- 5.1 By entering into the Grant Agreement, Leeds City Council will gain the significant value of implementing MOVA at this very congested location with the associated benefits of improved network capacity and reduced vehicle journey times.

6 Recommendations

- 6.1 The Chief Officer (Highways and Transportation) is requested to:
- i) Note the contents of the previously agreed Highways Board reports in relation to the improvement works at M62 Junction 27 & 28;
 - ii) Agree that the Director of City Development is authorised to allow LCC to enter into a Grant Agreement with Highways England to fully fund the MOVA works at M62 Junction 28;
 - iii) Approve an injection of £581,000 into the City Development Capital Programme to be fully funded by Highways England;
 - iv) Give authority to incur expenditure of £581,000 costs to be fully funded by Highways England;
 - v) Give authority to complete the detailed design and implement the MOVA works at M62 Junction 28;
 - vi) Approve that the decisions of the Board in respect of this report be exempted from the Call In process, for those reasons as detailed in paragraph 4.5.2.

7 Background documents¹

- 7.1 None.

¹ The background documents listed in this section are available to download from the Council's website, unless they contain confidential or exempt information. The list of background documents does not include published works.

