

TRANSPORT SCOTLAND - APPLICATION TO REPAIR DAMAGED PARAPET

(Bridges and Trunk Road Structures)

Structure Name: _____

Structure Reference Number: _____

APPLICATION TO REPAIR DAMAGED PARAPET

PART A – DESCRIPTION OF STRUCTURE, DAMAGE, EMERGENCY & INTERIM MEASURES

<p>APPLICANT: <i>(Name of Operating Company).</i></p> <p>STRUCTURE NAME:</p> <p>STRUCTURE REF:</p> <p>DCP REF: <i>(RMMS or IRIS REF)</i></p> <p>TSIA 25 SCORE: <i>(TS IA 25 Rinc, Risk Ranking & Result)</i></p> <p>SUBMISSION DATE: <i>(Submission date of form and previous versions)</i></p>
<p>1. Description of Parapet & VRS Damage: <i>(RTA and DCP damage only not age or condition related deterioration)</i></p> <p>1.1 Date of incident: <i>(If known otherwise note date first recorded)</i></p> <p>1.2 Brief description: <i>(Length, number of panels, posts including damage to cope, deck or spandrel. Photographs to be included in Annex A).</i></p> <p>1.3 Brief details of existing parapet system: <i>(Age, type, design standard, containment level, etc).</i></p> <p>1.4 Is Damage/Defect Category 1? <i>(Damaged mesh or minor damage may be deemed Cat 2 if it can be temporarily repaired or does not present a serious or significant risk to trunk road users and the public, pending a permanent repair – The Operating Company should liaise with Transport Scotland whose decision shall be final).</i></p> <p>1.5 Are Emergency Repairs required? <i>(Y go to 2.1 below , N/A = Not applicable)</i></p> <p>1.6 Can an immediate repair be undertaken? <i>(Temporary or permanent, within 24 hours, Y or N and why).</i></p> <p>1.7 Can parapet be repaired within specific Contract period? <i>(4G is 56 days, if not explain the soonest date this can be achieved and why).</i></p>
<p>2. Emergency Works & Interim Measures pending Permanent Repair:</p> <p>2.1 Emergency Works: <i>(Brief description of works to make structure safe, protect public & operatives; e.g. varioguard, temporary road or lane closures, traffic signals, Heras fencing, footway closure, diversion routes)</i></p> <p>2.2 Emergency Works, Time and Date undertaken: <i>(how long after incident did these occur, were S7P1 Cl 2.2.5 Cat 1 timescales met?)</i></p> <p>2.3 Interim Measures: <i>(Brief description and date to be installed, e.g. temporary VRS, e.g. Varioguard or PCBs. Temporary pedestrian barrier, e.g. HERAS fencing)</i></p> <p>2.4 Containment Level: <i>(Give details and if > or < existing parapet).</i></p> <p>2.5 Geometric Details: <i>(Length, working width, set backs, tie into RRS).</i></p> <p>2.6 Traffic Management: <i>(e.g. lane restriction or closures signing, traffic signals, lane or footway closures, additional signs, VMS, diversion routes – may be submitted as a separate document)</i></p> <p>2.7 How long will Interim Measures & Traffic Management be in place? <i>(Time in weeks/ months).</i></p>

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3. Designer/Assessor Justification: *(Include reasons why existing DMRB Standards may be inappropriate).*

3.1 Justification and reasons for Interim Measures. *(refer to 2.3)*

3.2 Justification of any DfS required for Interim Measures. *(if applicable)*

4. Applicant Operating Company Engineer Declaration (Emergency & Interim Measures)

I recommend that the above application to implement Emergency and/or Interim Measures for a damaged structures parapet should be accepted/rejected. *(Delete as applicable).*

Signed: _____ *(Engineer)*

Name: _____ *(Print)*

Date: _____

5. Transport Scotland Bridges Section Comments and Recommendation:

I recommend that the above application to implement Emergency and/or Interim Measures for a damaged structures parapet should be accepted/rejected. *(Delete as applicable).*

Signed: _____

Name: _____ *(Print)*

Date: _____

PART B – PERMANENT REPAIRS/REPLACEMENT

6. Description of Proposed Permanent Parapet Repair Options:

6.1 Brief details of proposed permanent repairs options: *(Further brief details, feasibility or options studies may be referenced here and/or included as an annex).*

6.2 Brief details of permanent repair: *(Further details, feasibility or options studies may be referenced here and/or included as an annex).*

6.3 CD377 RRRAP & TS IA 25: *(RRRAP results & new TS IA 25 Rinc & risk rating)*

6.4 Departure No: *(Structures Departures only - if applicable).*

6.5 Timescale and programme for recommended permanent repair option: *(If outwith the specific period in the Contract, explain why and what is proposed to expedite the permanent works and why the specific period should be relaxed).*

7. List of Supporting Documentation:

7.1 Standards:

7.2 Drawings:

7.3 Other:

8. Description of Proposed Departure from Standards including Aspects Not Covered by Standards:

8.1 Recommended Permanent Repair: *(Include details of DMRB Standards and Clause numbers which are being departed from).*

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9. Designer/Assessor Justification: *(Include reasons why existing DMRB Standards may be inappropriate).*

9.1 Justification and reasons for Recommended Permanent Repair. *(refer to 6.2)*

9.2 Justification of any DfS required for Recommended Permanent Repair. *(if applicable)*

10. Cost Implications:

(Actual or estimate of costs arising from the Interim Measures and Recommended Permanent Repair Option: any future savings to Transport Scotland and effect on future maintenance costs).

10.1 Repair Costs: *(Actual or estimate:, clean up, TM, emergency/temporary repairs, interim measures & permanent repairs)*

10.2 Maintenance Costs: *(If known/ applicable)*

10.3 DCP liability: *(is cost of 10.1 above or below the thresholds in SAP4 Cl. 3? Operating Company or Culprit/Transport Scotland)*

10.4 Is Culprit known *(Yes or No – details will be elsewhere)*

11. Applicant Operating Company Bridges Manager Declaration:

I declare that reasonable professional skill and care have been exercised in the preparation of this application to repair/replace a damaged structures parapet and the associated Departure from Standards submission.

(Delete as applicable).

Signed: _____ *(Chartered Engineer)*

Name: _____ *(Print)*

Date: _____

12. Transport Scotland Bridges Section Comments and Recommendation:

I recommend that the above application to repair/replace a damaged structures parapet and associated Departure from Standards should be accepted/rejected. *(Delete as applicable).*

Signed: _____

Name: _____ *(Print)*

Date: _____

13. Transport Scotland Chief Bridge Engineer/Network Bridges Manager Recommendation:

The above application to repair/replace a damaged structures parapet and the associated Departure from Standards is accepted/rejected. *(Delete as applicable).*

Signed: _____

Name: _____ *(Print)*

Chief Bridge Engineer/Network Bridges Manager

Date: _____

14. Repair Completion Date: *(Also Complete in SMS DCP tab)*

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ANNEX A – PHOTOGRAPHS

Photographs to include (with dates & times taken):

DAMAGE
EMERGENCY/INTERIM REPAIRS
PERMANENT REPAIRS