Form of Agreement

FORM OF AGREEMENT FOR THE CONSTRUCTION OF OR ALTERATIONS TO HIGHWAY STRUCTURES

(TO BE COMPLETED AND SIGNED BY THE DEVELPOER)

Name of Development:	**Name**
Name of Structure:	**Name**
Name of Developer or Developers Consultant:	**Name**

1. I/we hereby confirm that I/we have read the 'THECNICAL APPROVAL FOR HIGHWAY STRUCTURES' where Blackburn with Darwen Borough Council is the Technical Approval Authority and agree to the terms and conditions contained together with the associated costs.

Signed:	Signature
Name:	Name
Position Held:	Position in organisation
Registered Office:	Address
Date:	? day of ? 20??
Telephone Number:	Number
Email Address:	Email

Developer or Developers Consultant's Correspondence Address (if different from above):	Address
Telephone Number:	Number
Email Address:	Email

2. Brief description of works including enclosures e.g. outline sketch proposals or concept drawings of the proposed structure / scheme.

BLACKBURN with DARWEN BOROUGH COUNCIL

Name of Structure

Proposed retaining wall

High Street, Blackburn

APPROVAL IN PRINCIPLE

Date: June 25th 2021

Name of Development:	
Name of bridge or structure:	
Structure ref. No.:	

1. HIGHWAY DETAILS

1.1 Type of highway:

Text

1.2 Permitted traffic speed:

Text

1.3 Existing restrictions:

Text

2. SITE DETAILS

2.1 Obstacles crossed:

Text

3. PROPOSED STRUCTURE

3.1 Description of structure:

Text

3.2 Design working life:

Text

3.3 Structural type:

Text

3.4 Foundation type:

Text

3.5 Span arrangements:

Text

3.6 *Articulation arrangements:*

Text

3.7 *Classes and levels:*

Text

3.8 *Road restraint system requirements:*

3.9

Text

3.10 *Proposed arrangements for future maintenance and inspection:*

3.10.1 *Access arrangements to structure*

Text

3.10.2 *Traffic management*

Text

3.11 *Environment and sustainability:*

3.11.1 *Environment*

Text

3.11.2 *Sustainability*

Text

3.12 *Durability. Materials and finishes:*

Text

3.13 *Risks and hazards considered for design, execution, maintenance and demolition. Consultation with and/or agreement from Lead Principal Designer:*

Text

3.14 *Estimated cost of proposed structure together with other structural forms considered, including where appropriate proprietary manufactured structure,*

and the reasons for their rejection including comparative whole life costs with dates of estimates:

Text

3.15 Proposed arrangements for execution:

3.15.1 Construction of structure

Text

3.15.2 Traffic management

Text

3.15.3 Services and statutory undertakers plant affected including diversionary works

Text

3.15.4 Interface with existing structures

Text

4. DESIGN CRITERIA

4.1 Actions:

4.1.1 Permanent actions

Text

4.1.2 Snow, wind and thermal actions

Text

4.1.3 Actions relating to normal traffic under AW and C&U regulations

Text

4.1.4 Actions relating to General Order Traffic under STGO Regulations

Text

4.1.5 Footway or footbridge variable actions

Text

4.1.6 *Actions relating to Special Order Traffic, provision for exceptional abnormal load indivisible loads including location of vehicle track on deck cross section*

Text

4.1.7 *Accidental actions*

Text

4.1.8 *Action during construction*

Text

4.1.9 *Any actions or special actions not covered above*

Text

4.2 *Heavy or high load route requirements and arrangements being made to preserve the route, including any provision for future heavier loads or future widening:*

Text

4.3 *Minimum headroom provided:*

Text

4.4 *Authorities consulted and any special conditions required*

Authority	Special Conditions

4.5 *Standards and documents listed in the Technical Approval Schedule:*

4.5.1 *List of relevant documents from the Technical Approval Schedule:*

Text

4.5.2 *Additional relevant Standards and publications:*

Text

4.6 Proposed Departures relating to departures from standards given in 4.5 above:

Text

4.7 Proposed Departures relating to methods for dealing with aspects not covered by standards in 4.5:

Text

5. STRUCTURAL ANALYSIS

5.1 Methods of analysis proposed for superstructure, substructure and foundations:

5.1.1 Method of analysis for ultimate limit states

Text

5.1.2 Method of analysis for fatigue

Text

5.1.3 Method of analysis for serviceability limit states

Text

5.2 Description and diagram of idealised structure to be used for analysis:

Text

5.3 Assumptions intended for calculation of structural element stiffness:

Text

5.4 Proposed range of soil parameters to be used in the design of earth retaining elements:

Text

6. GEOTECHNICAL CONDITIONS

6.1 Acceptance of recommendations of the Geotechnical Design Report to be used in the design and reasons for any proposed changes:

Text

6.2 Summary of design for highway structure in the Geotechnical Design Report:

Text

6.3 Differential settlement to be allowed for in the design of the structure:

Text

6.4 If the Geotechnical Design Report is not yet available, state when the results are expected and list the sources of information used to justify the preliminary choice of foundations:

Text

7. CHECK

7.1 Proposed Category and Design Supervision Level:

Text

7.2 If Category 3, give name of proposed Independent Checker:

Text

7.3 Erection proposals or temporary works for which Type S and P Proposals will be required listing structural parts of the permanent structure affected with reasons:

Text

8. DRAWINGS AND DOCUMENTS

8.1 List of drawings (including numbers) and documents accompanying the submission:

Text

9. THE ABOVE IS SUBMITTED FOR ACCEPTANCE BY

Signed:

Name:

Engineering Qualifications:

Name of organisation:

Date:

10. THE ABOVE IS REJECTED / AGREED SUBJECT TO THE AMENDMENTS AND CONDITIONS SHOWN BELOW

Signed:

Name:

Position:

Engineering Qualifications:

Technical Approval Authority:

Date:

Structure Design Certificate

FORM OF CERTIFICATE FOR THE DESIGN OF CATEGORY 2 AND 3 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

Name of Development:	**Name**
Name of Structure:	**Name**
Name of Designer:	**Name**

1. We certify that reasonable professional skill and care has been used in the preparation of the design/assessment and check of the above named structure:

Yes

With a view to securing that:

a) It has been designed/assessed in accordance with the following standards:

The Approval In Principle No.:	

Or any other methods of criteria

Structure Design Certificate

FORM OF CERTIFICATE FOR THE DESIGN OF CATEGORY 2 AND 3 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

b) That the design has been accurately translated into the Contract Documents, Construction Drawings, Bar Bending Schedules (all of which have been independently checked). The unique numbers of these Drawings and Schedules are:

And that,

c) The assessed capacity of the structure is:

2. Signatures

i) Design/Assessment Team Leader:

Signed:	
Name:	
Engineering Qualifications:	
Name of organisation:	
Date:	

Structure Design Certificate

FORM OF CERTIFICATE FOR THE DESIGN OF CATEGORY 2 AND 3 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

ii) Design/Assessment Organisations Authorising Representative:

Signed:	
Name:	
Position held:	
Name of organisation:	
Date:	

The Certificate is accepted by the Technical Approval Authority (TAA)

Signed:	
Name:	
Position Held:	
Engineering Qualifications:	
For TAA:	
Date:	

BLACKBURN with DARWEN BOROUGH COUNCIL

Construction Compliance Certificate

Name of Development:	**Name**
Name of Structure:	**Name**
Name of Developer:	**Name**

1. I/We certify that reasonable professional skill and care has been used in the supervision of the above named structure with a view to securing that it has been constructed in accordance with the agreed drawings and specification as amended and as agreed:

Yes

2. Signatures

i) Supervision Team Leader:

Signed:	
Name:	
Engineering Qualifications:	
Name of organisation:	
Date:	

ii) Supervision Organisations Authorising Representative:

Signed:	
Name:	
Position held:	
Name of organisation:	
Date:	

Construction Compliance Certificate

This Certificate and As-Built Records are accepted by the Technical Approval Authority (TAA)

Signed:	
Name:	
Position Held:	
Engineering Qualifications:	
For TAA:	
Date:	

BLACKBURN with DARWEN
BOROUGH COUNCIL

Structure Design and Check Certificate

FORM OF CERTIFICATE FOR THE DESIGN AND CHECK OF CATEGORY 1 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

Name of Development:	**Name**
Name of Structure:	**Name**
Name of Designer:	**Name**

1. We certify that reasonable professional skill and care has been used in the preparation of the design/assessment and check of the above named structure:

Yes

With a view to securing that:

a) It has been designed/assessed in accordance with the following standards:

The Approval In Principle No.:	

Or any other methods of criteria

b) It has been checked for compliance with the relevant standards listed in 1a above

Yes

Structure Design and Check Certificate

FORM OF CERTIFICATE FOR THE DESIGN AND CHECK OF CATEGORY 1 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

c) That the design has been accurately translated into the Contract Documents, Construction Drawings, Bar Bending Schedules (all of which have been independently checked). The unique numbers of these Drawings and Schedules are:

And that,

d) The assessed capacity of the structure is:

2. Signatures

i) Design/Assessment and Check Team Leader:

Signed:	
Name:	
Engineering Qualifications:	
Name of organisation:	
Date:	

Structure Design and Check Certificate

FORM OF CERTIFICATE FOR THE DESIGN AND CHECK OF CATEGORY 1 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

ii) Design/Assessment and Check Organisations Authorising Representative:

Signed:	
Name:	
Position held:	
Name of organisation:	
Date:	

The Certificate is accepted by the Technical Approval Authority (TAA)

Signed:	
Name:	
Position Held:	
Engineering Qualifications:	
For TAA:	
Date:	

Structure Design and Check Certificate

FORM OF CERTIFICATE FOR THE DESIGN AND CHECK OF CATEGORY 0 STRUCTURES

(APPLICATION FOR APPROVAL IN PRINCIPLE NOT REQUIRED)

Name of Development:	**Name**
Name of Structure:	**Name**
Name of Designer:	**Name**

1. We certify that reasonable professional skill and care has been used in the preparation of the design/assessment and check of the above named structure:

Yes

With a view to securing that:

a) It has been designed/assessed in accordance with the following standards:

Or any other methods of criteria (Note: Departures not accepted for Category 0 structures)

b) It has been checked for compliance with the relevant standards listed in 1a above

Yes

Structure Design and Check Certificate

FORM OF CERTIFICATE FOR THE DESIGN AND CHECK OF CATEGORY 0 STRUCTURES

(APPLICATION FOR APPROVAL IN PRINCIPLE NOT REQUIRED)

c) That the design has been accurately translated into the Contract Documents, Construction Drawings, Bar Bending Schedules (all of which have been independently checked). The unique numbers of these Drawings and Schedules are:

And that,

d) The assessed capacity of the structure is:

2. Signatures

i) Design/Assessment and Check Team Leader

Signed:	
Name:	
Engineering Qualifications:	
Name of organisation:	
Date	

Structure Design and Check Certificate

FORM OF CERTIFICATE FOR THE DESIGN AND CHECK OF CATEGORY 0 STRUCTURES

(APPLICATION FOR APPROVAL IN PRINCIPLE NOT REQUIRED)

ii) Design/Assessment and Check Organisations Authorising Representative:

Signed:	
Name:	
Position held:	
Name of organisation:	
Date:	

The Certificate is accepted by the Technical Approval Authority (TAA)

Signed:	
Name:	
Position Held:	
Engineering Qualifications:	
For TAA	
Date:	

Structure Check Certificate

FORM OF CERTIFICATE FOR THE CHECK OF CATEGORY 2 AND 3 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

Name of Development:	**Name**
Name of Structure:	**Name**
Name of Checker:	**Name**

1. We certify that reasonable professional skill and care has been used in the preparation of the design/assessment and check of the above named structure:

Yes

With a view to securing that:

a) It has been checked in accordance with the following standards:

The Approval In Principle No.:	

Or any other methods of criteria

Structure Check Certificate

FORM OF CERTIFICATE FOR THE CHECK OF CATEGORY 2 AND 3 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

b) That the design has been accurately translated into the Contract Documents, Construction Drawings, Bar Bending Schedules (all of which have been independently checked). The unique numbers of these Drawings and Schedules are:

And that,

c) The assessed capacity of the structure is:

2. Signatures

i) Check Team Leader:

Signed:	
Name:	
Engineering Qualifications:	
Name of organisation:	
Date:	

Structure Check Certificate

FORM OF CERTIFICATE FOR THE CHECK OF CATEGORY 2 AND 3 STRUCTURES

(APPROVAL IN PRINCIPLE REQUIRED)

ii) Checking Organisations Authorising Representative:

Signed:	
Name:	
Position held:	
Name of organisation:	
Date:	

The Certificate is accepted by the Technical Approval Authority (TAA)

Signed:	
Name:	
Position Held:	
Engineering Qualifications:	
For TAA:	
Date:	