



SITE PLANNING BRIEF

BUILD THE FOUNDATION FOR ACCURACY.

A premium planning guide for pit and pit-less weighbridge projects.

CIVIL COORDINATION GUIDE

Use this brief to align civil, drainage, electrical and access decisions before detailed engineering begins.



Accuracy begins below the deck.



Traffic path

Provide straight, stable approaches with safe entry, exit and turning geometry.



Ground conditions

Validate soil bearing capacity, settlement risk and local water conditions.



Drainage

Prevent standing water and provide maintainable pit drainage where applicable.



Cable routing

Protect load-cell, earthing, signal and power routes from water and traffic.



Service access

Keep junction boxes, load cells and cleaning areas safely reachable.



Control room

Position the indicator for visibility, security and efficient vehicle processing.

WHY IT MATTERS

Civil dimensions and reinforcement must be finalized against the selected bridge model, site survey and qualified structural design.

BEFORE CONSTRUCTION

Coordinate the critical interfaces

01

Freeze the model

Confirm deck length, width, capacity, axle pattern and pit or pit-less format.

02

Survey the site

Record levels, utilities, soil, drainage outfall and vehicle swept paths.

03

Engineer the foundation

Obtain project-specific structural calculations and signed civil drawings.

04

Hold a pre-pour review

Verify embeds, conduits, earthing, drainage and access before concrete work.

Request project-specific foundation inputs

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START A SITE REVIEW

Planning reference only - not a construction drawing.