



Gateway Upgrade Project

P

Landscape and Visual Amenity Supporting Information



Gateway Upgrade Project

P1

Photo Views of Visual Features

Gateway Upgrade Project ..



Photo View 1.
Mt Gravatt - Capalaba Road on Ramp showing unattractive vegetation on batters



Photo View 2.
Exposed rock embankment

Gateway Upgrade Project ..



Photo View 3.
View south along Forest Lined Motorway



Photo View 4.
Exposed excavated embankment

Gateway Upgrade Project ..



Photo View 5.
Overpass structures above Old Cleveland Road



Photo View 7.
Overpass structures above Wynnum Road

Gateway Upgrade Project ..



Photo View 6.
Visually exposed motorway adjacent to residents

Gateway Upgrade Project ..



Photo View 8.
Bulimba Creek Viaduct

Gateway Upgrade Project ..



Photo View 9.
Bridge over Cleveland Branch Rail Line

Gateway Upgrade Project ..



Photo View 10.
View of Port Road flyover structures with aesthetic urban design treatments



Photo View 11.
View over approach to Toll Plaza

Gateway Upgrade Project ..



Photo View 12.
View of Gateway Bridge over industrial estate

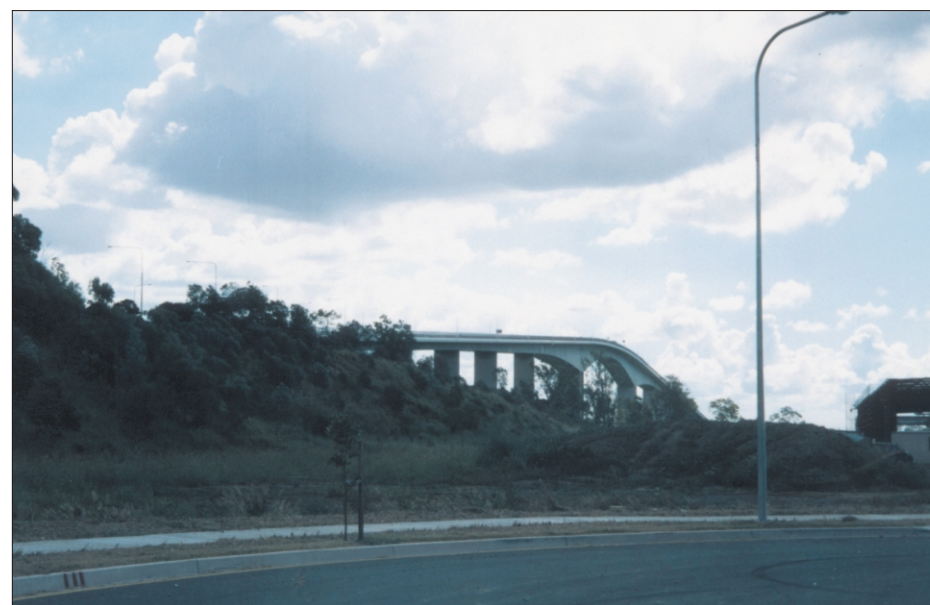


Photo View 14.
View to Gateway Bridge between existing industry and south batter on east side

Gateway Upgrade Project ..



Photo View 13.
View to unattractive batters to the south approach to the Gateway Bridge.

Gateway Upgrade Project ..



Photo View 15.
View to Gateway Bridge from tourist loading facility at the Tangalooma Flyer



Photo View 16.
View along the northern approach to Gateway Bridge

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Photo View 17.
View along proposed motorway corridor between industry
adjacent to Links Avenue



Photo View 18.
View North along proposed motorway corridor between industry adjacent to
Kingsford Smith Drive

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Photo View 19.
View to retaining walls and overpass over Kingsford Smith Drive

Gateway Upgrade Project ..



Photo View 20.
View south overlooking industrial land in vicinity of the proposed Airport Drive bridge.

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Photo View 21.

View from Lomandra Drive overlooking Industrial land in vicinity of the proposed Airport Drive bridge.



Photo View 23.

View south overlooking the Kedron Brook Floodplain in vicinity of the proposed Airport Drive bridge.

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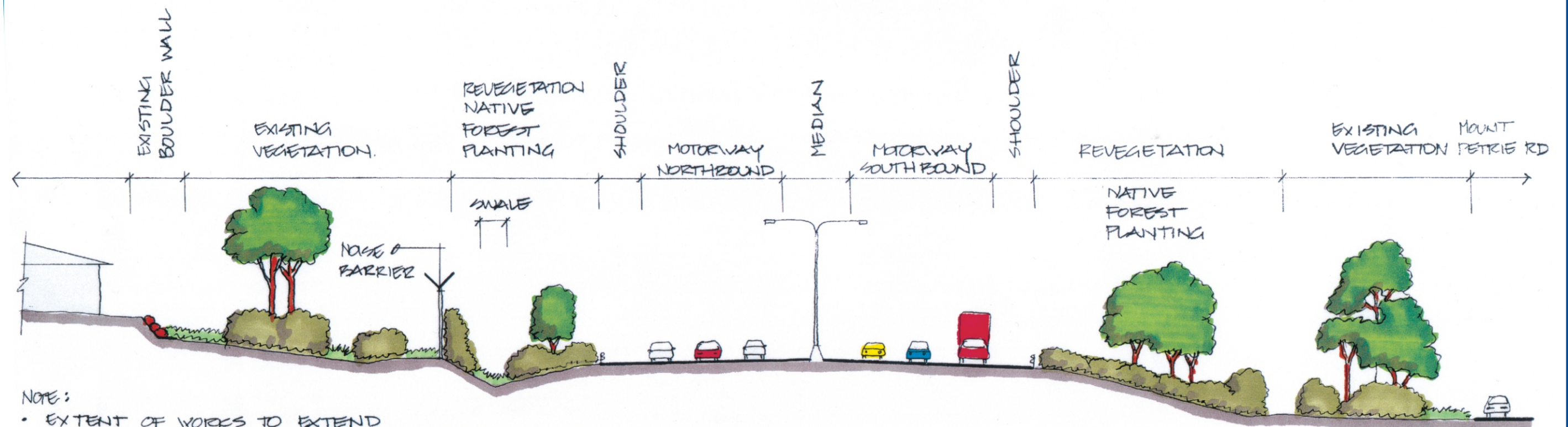
Photo View 22.
View west along Airport Drive in the vicinity of the Airport Drive bridge.

P2

Landscape and Urban Design Treatments

Gateway Upgrade Project

Gateway Upgrade Project ..



NOTE:

- EXTENT OF WORKS TO EXTEND 3m FROM TOE OF BATTER
- TREES TO BE PLANTED MINIMUM 3m BEHIND GUARDRAIL / BARRIER OR 9m FROM CARRIAGEWAY WHERE NO BARRIER EXISTS - OR HALF THE MATURE WIDTH OF THE PLANT, WHICHEVER IS THE GREATER.

A

SECTION: Forest Lined Motorway Looking North CH 8600
Indicative Revegetation Treatments

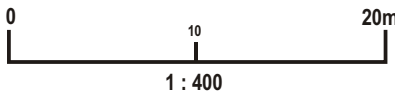
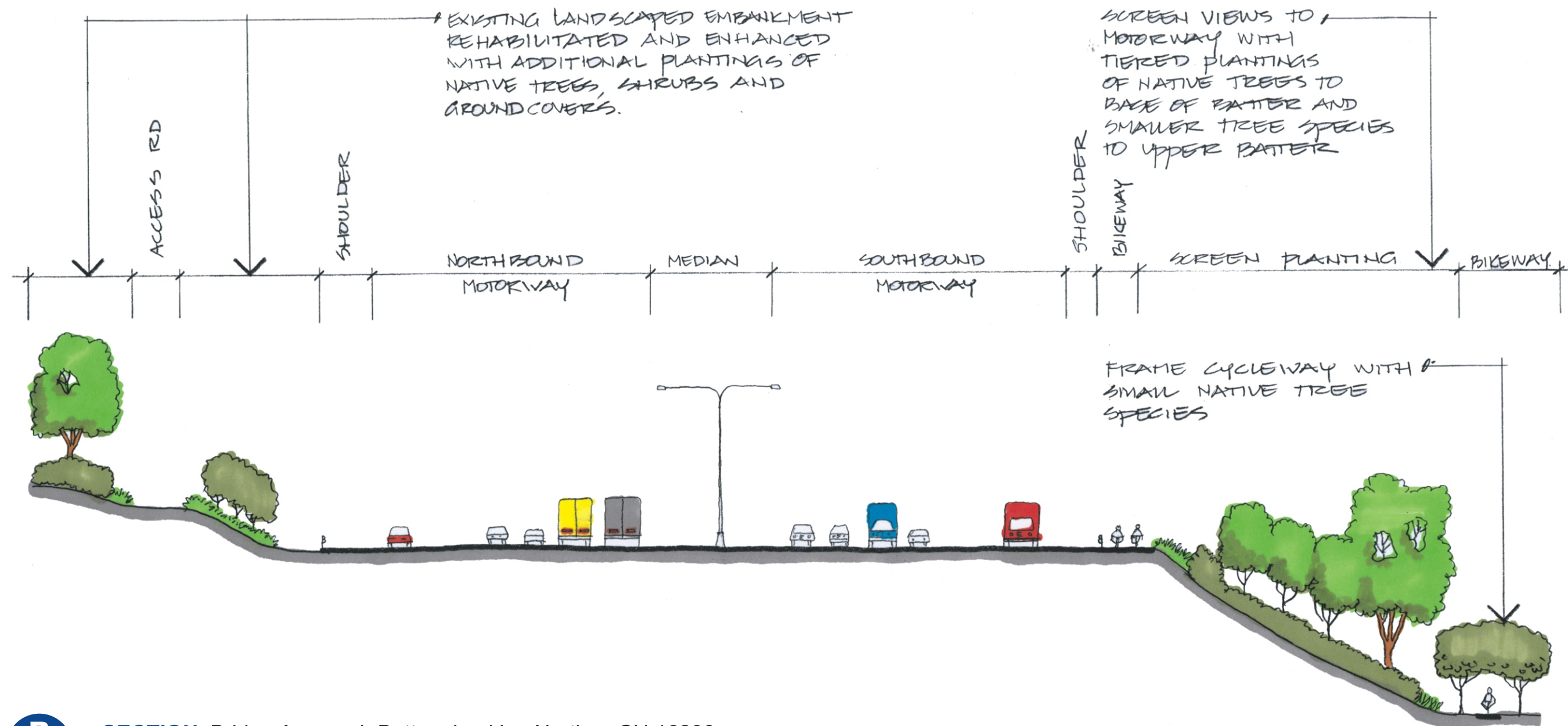


FIGURE P1
Landscape and Urban Design
Indicative Sketch Treatments

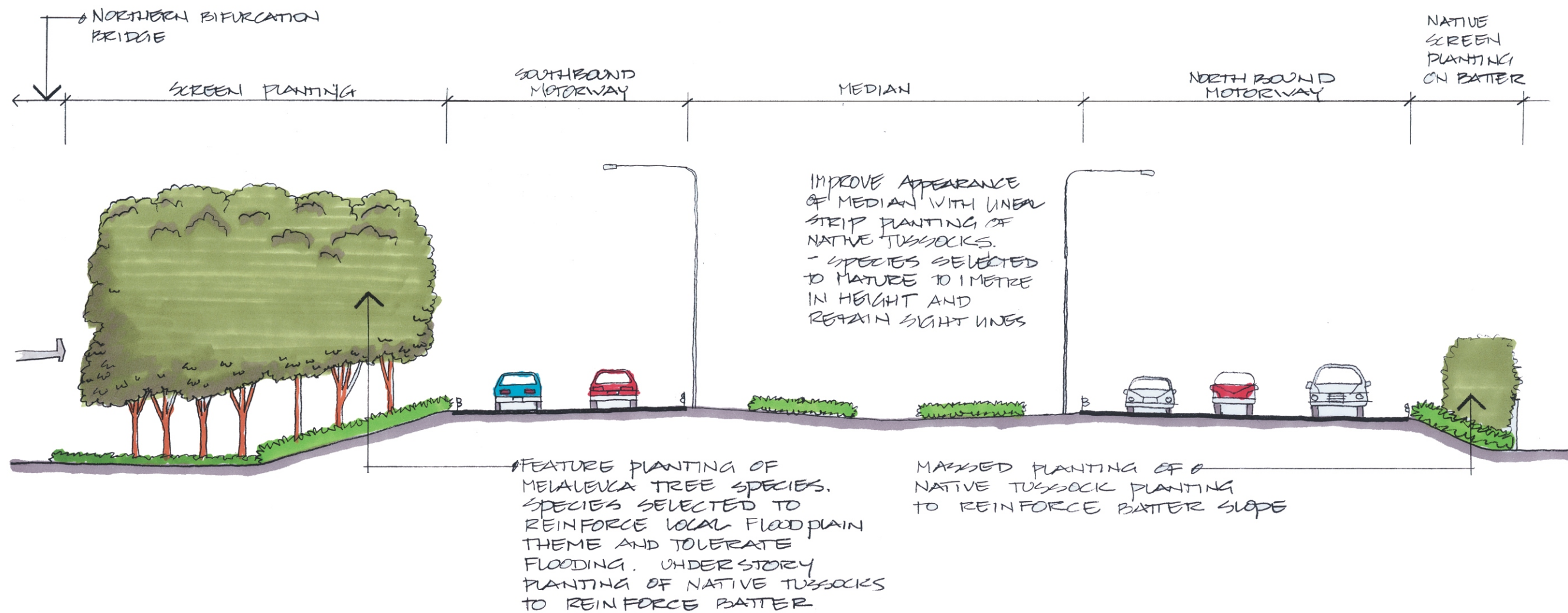
Gateway Upgrade Project ..



B

SECTION: Bridge Approach Batters Looking North CH 16200
Revegetation Treatments

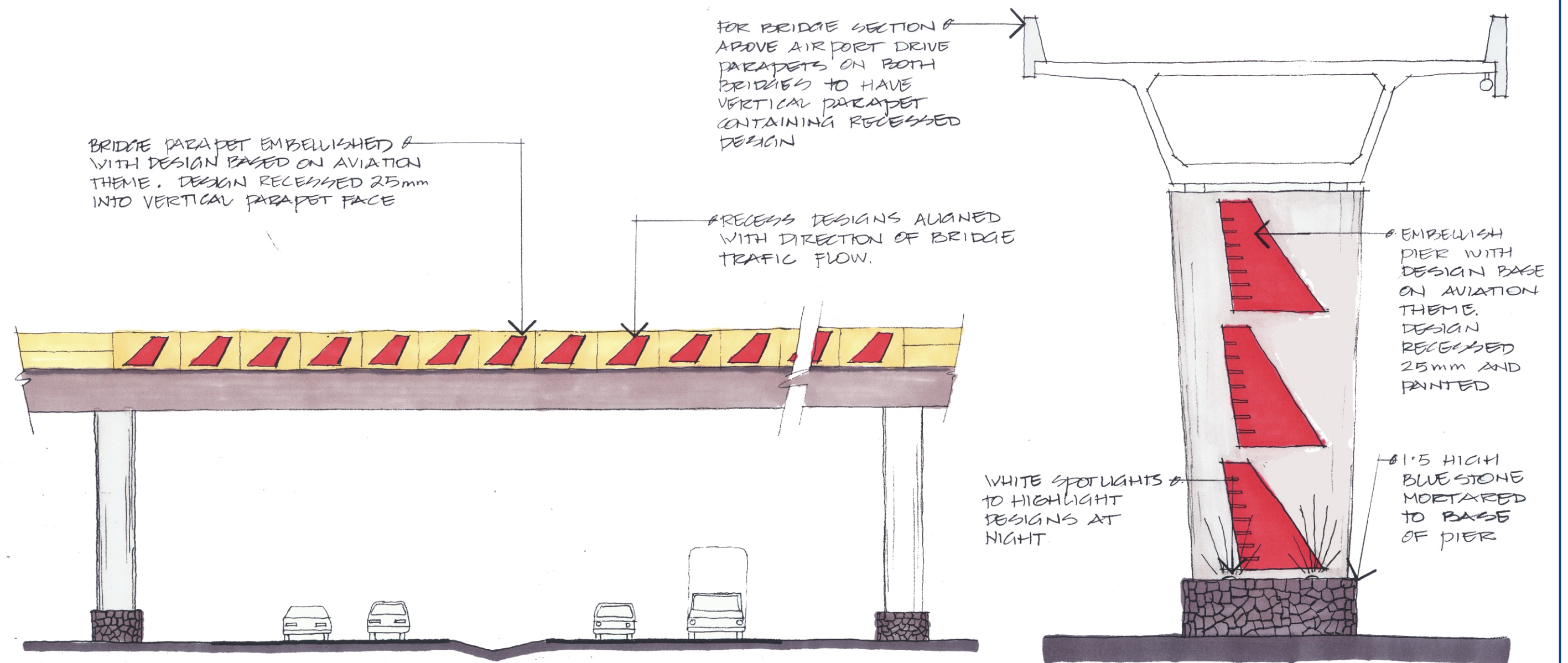
Gateway Upgrade Project ..



C

SECTION VIEW LOOKING SOUTH: Northern Bifurcation with Existing Gateway Motorway - Looking South CH 23650
Revegetation Treatments

Gateway Upgrade Project

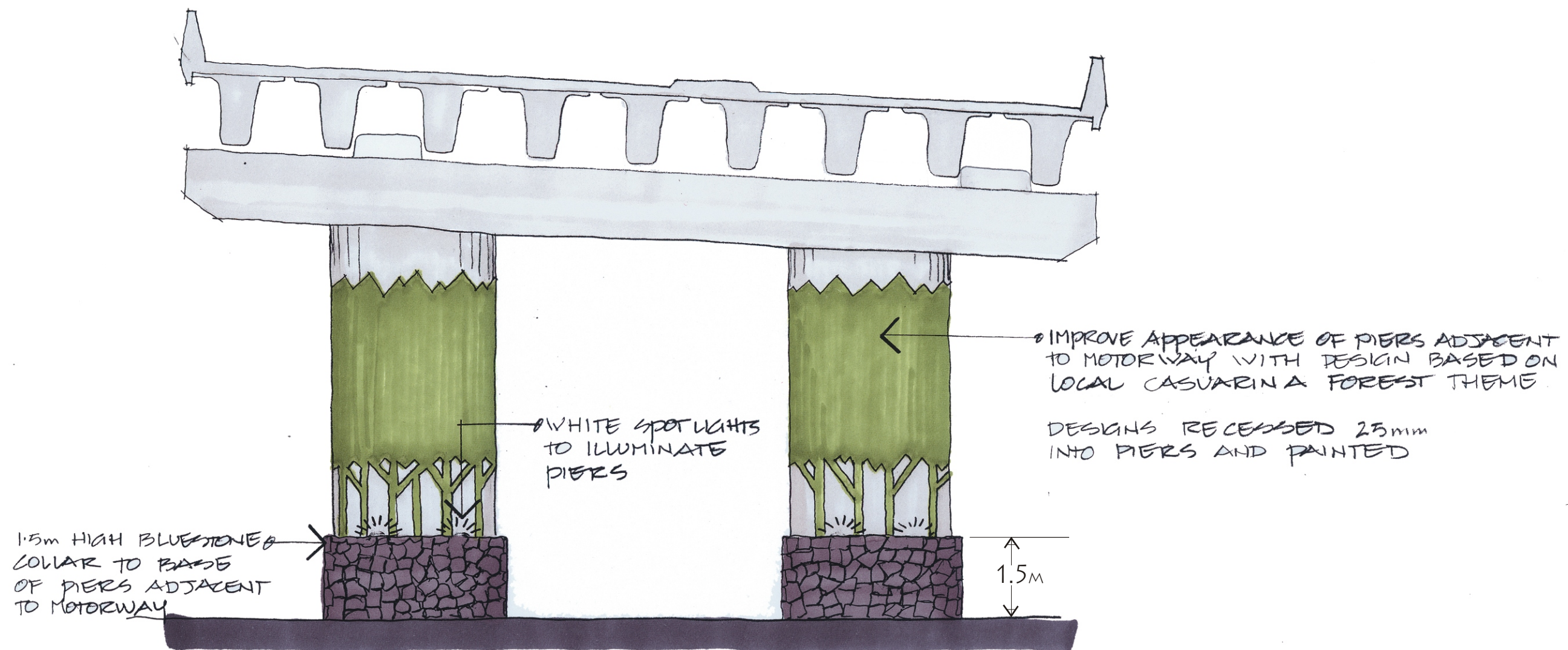


ELEVATION: Airport Drive Bridge above Airport Drive
Treatments to Bridge Parapets



ELEVATION: Airport Drive Bridge above Airport Drive
Treatments to Bridge Piers Adjacent to Airport Drive

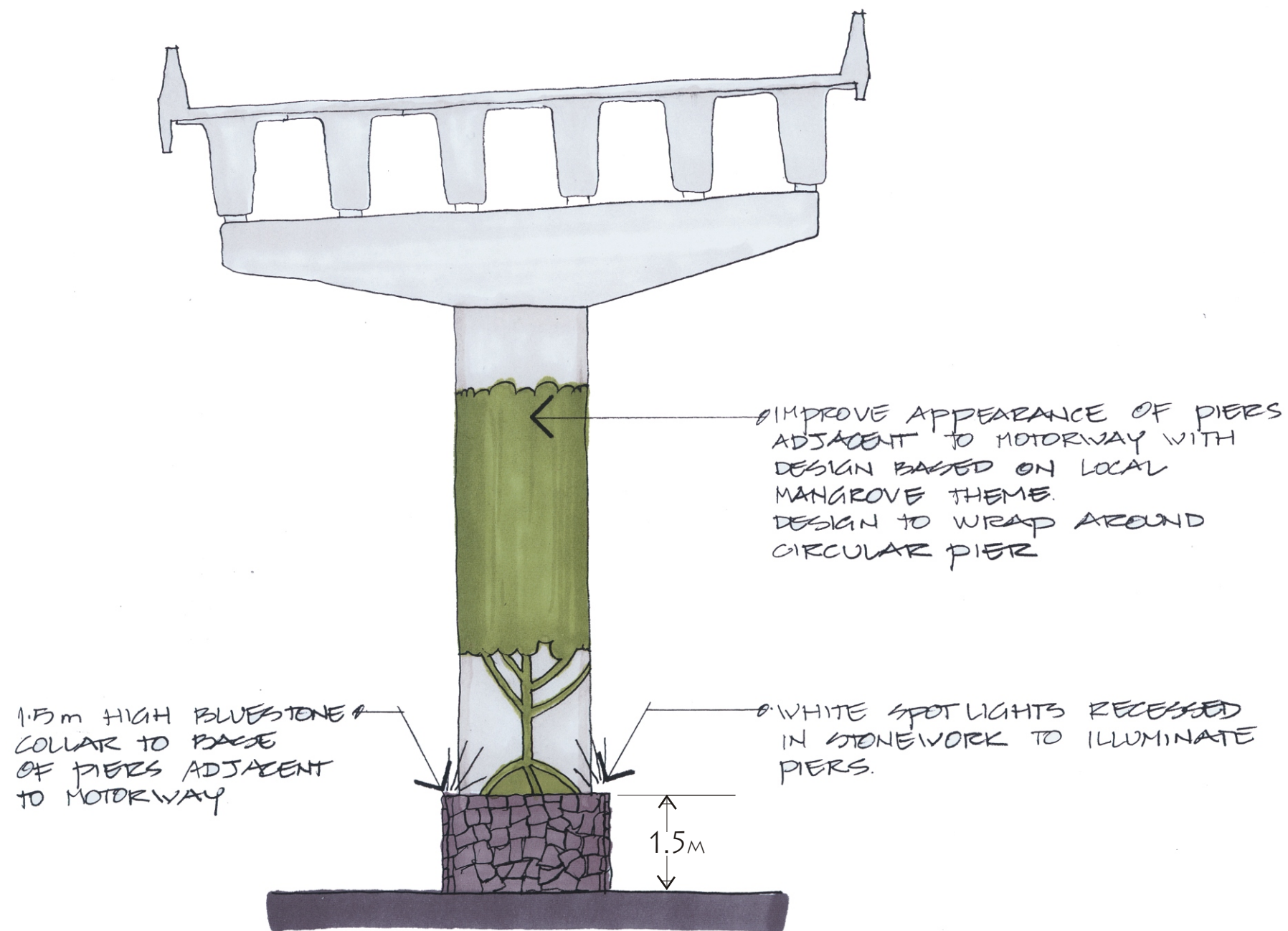
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ELEVATION: Northern Airport Access Interchange Bridge
Treatments to Bridge Columns Adjacent to Gateway Motorway

Not to Scale

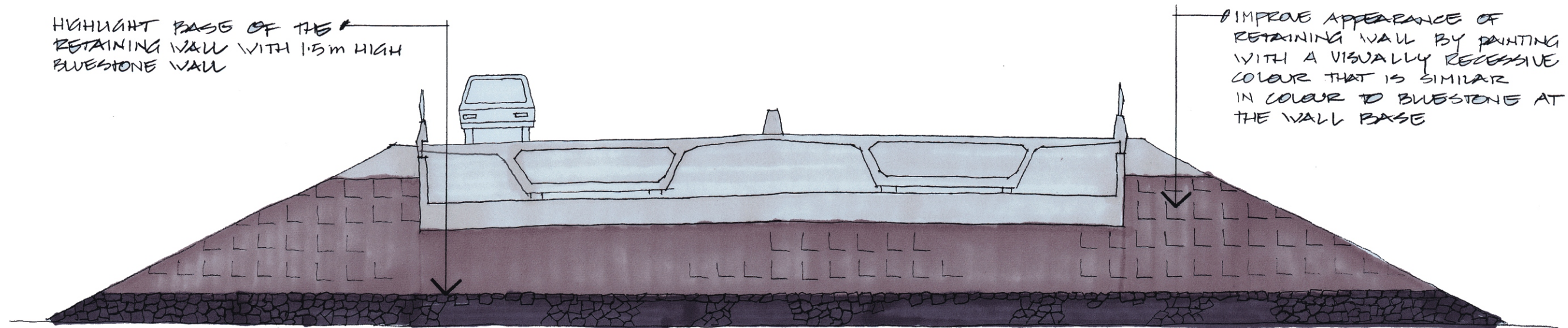
Gateway Upgrade Project ..



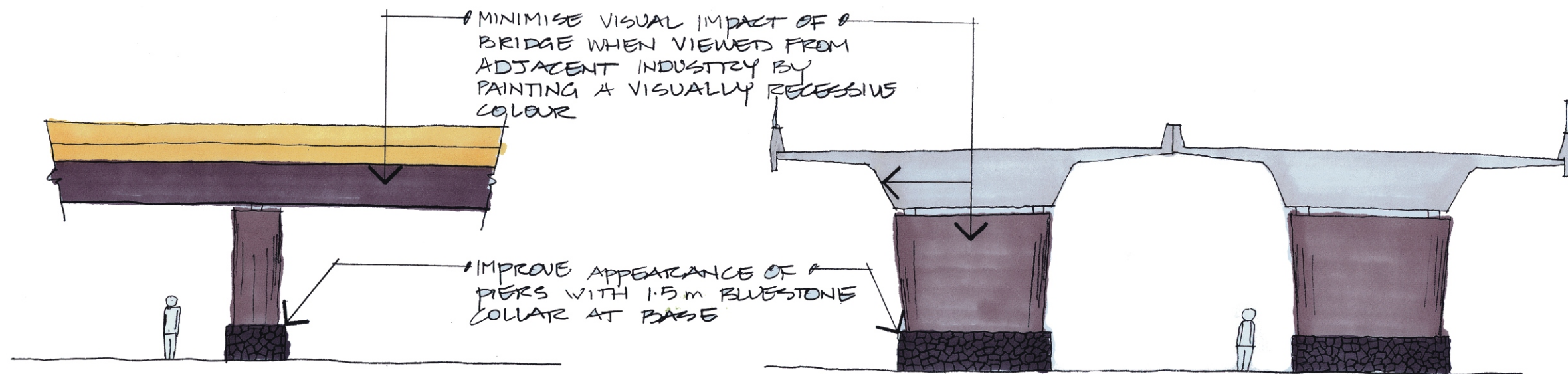
ELEVATION: Northern Bifurcation Bridge
Treatment to Bridge Columns Adjacent to Gateway Motorway

Not to Scale

Gateway Upgrade Project ..



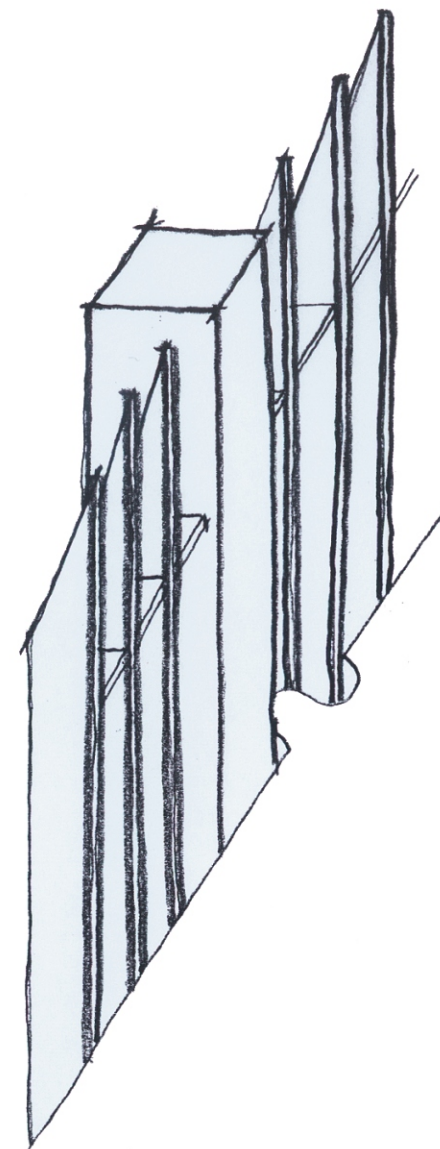
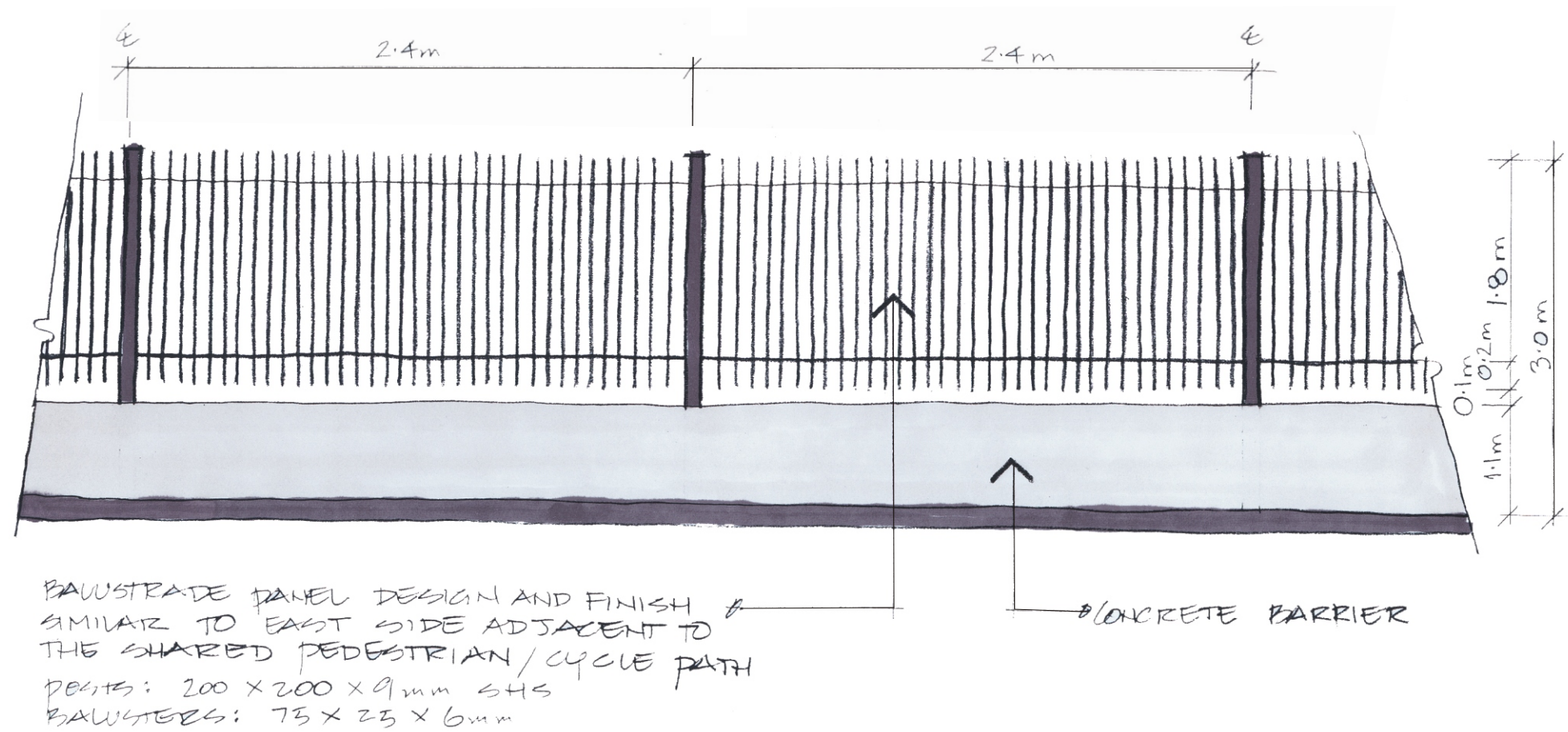
SECTION/ ELEVATION VIEW: Vertical Retaining Walls
Adjacent to Kingsford Smith Drive and Lavarack Avenue



SIDE ELEVATION VIEW: Columns Adjacent to Kingsford Smith Drive
and G.James Glass

Not to Scale

Gateway Upgrade Project ..

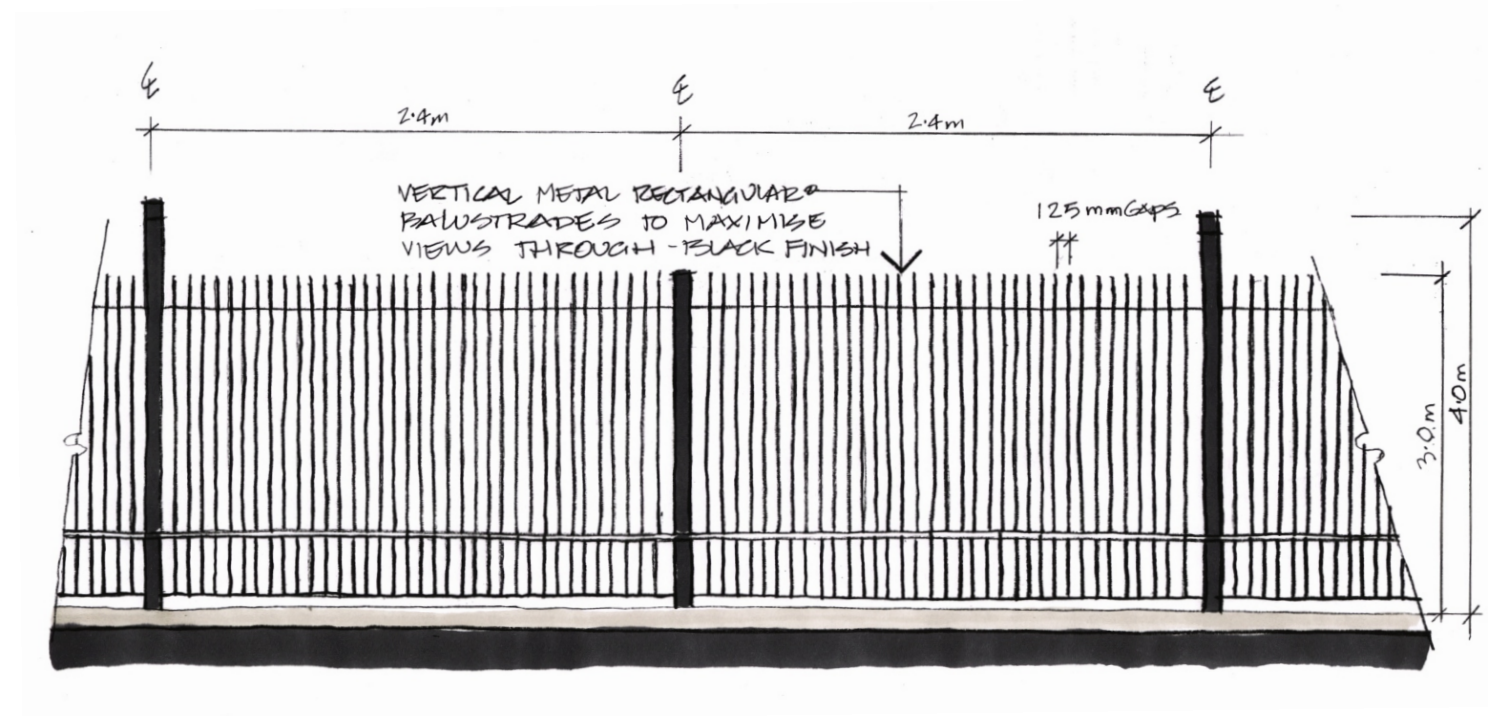


ELEVATION: Gateway Bridge Duplication-West Security Balustrade

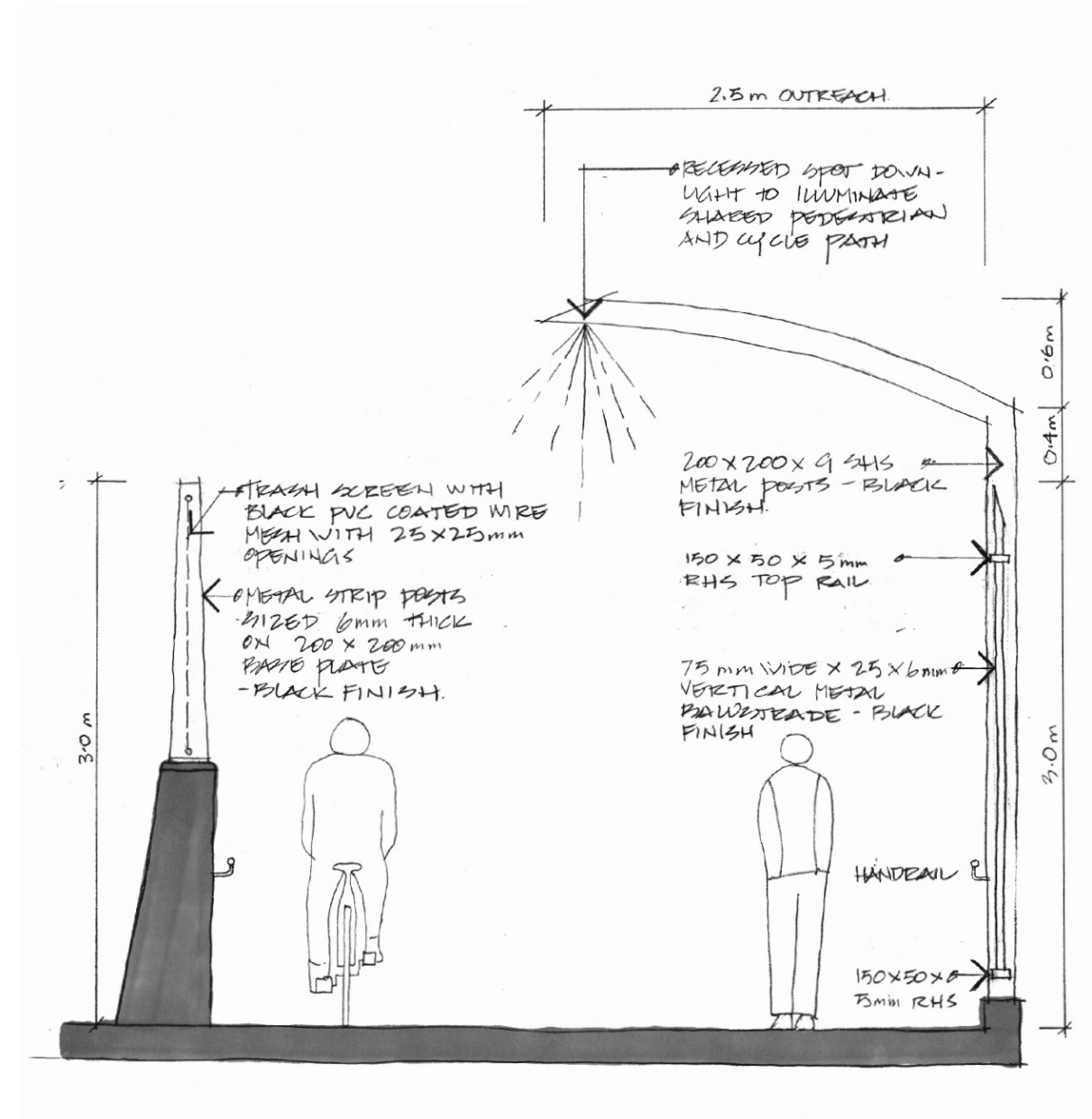
PERSPECTIVE: Gateway Bridge Duplication
 Detail View of Security Balustrade-East and West side

Not to Scale

Gateway Upgrade Project ..



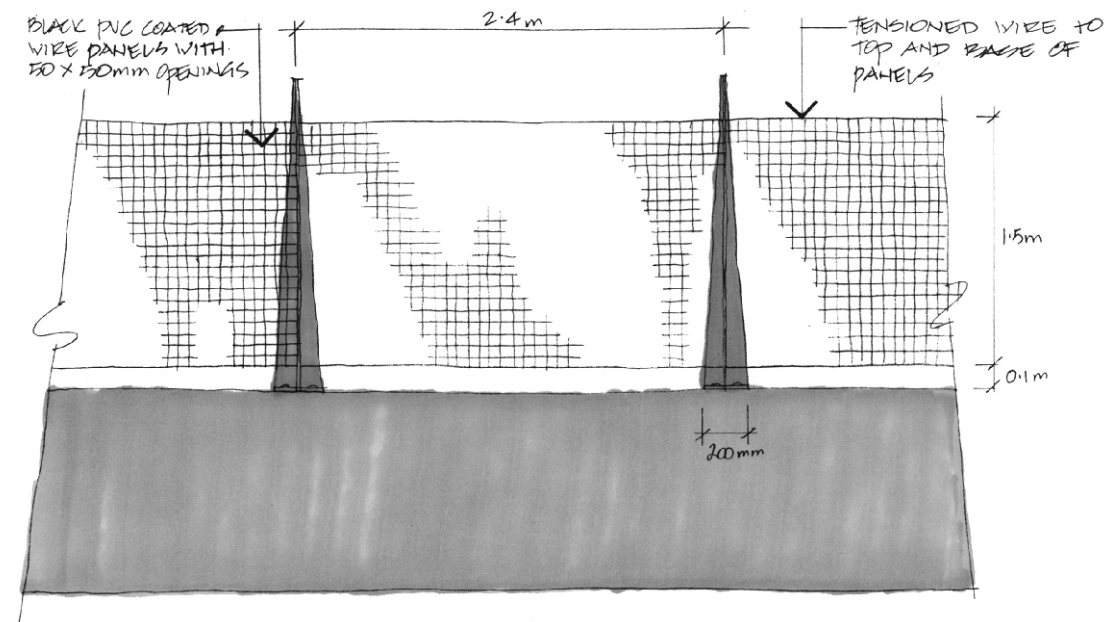
ELEVATION: Gateway Bridge Duplication
East Security Balustrade



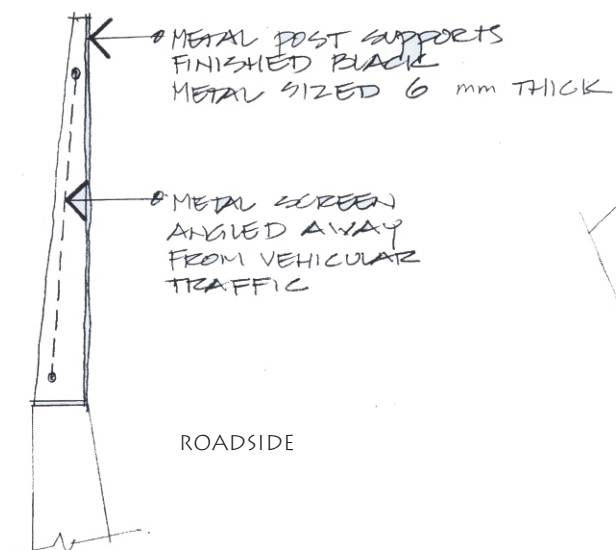
SECTION: Gateway Bridge Duplication
East Security Balustrade

Not to Scale

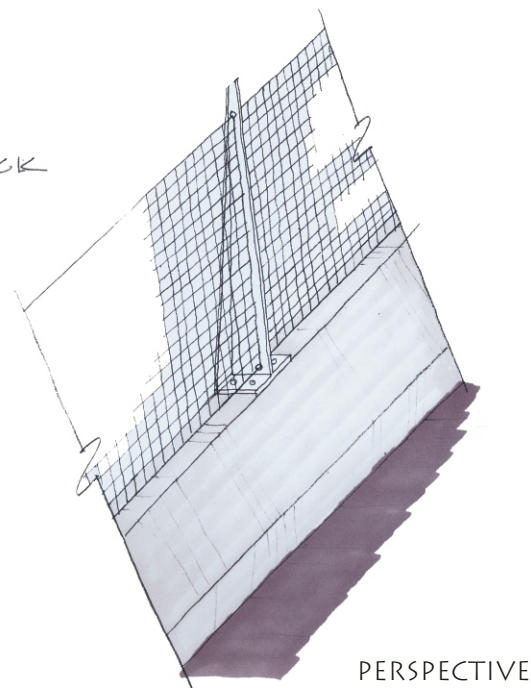
Gateway Upgrade Project ..



ELEVATION

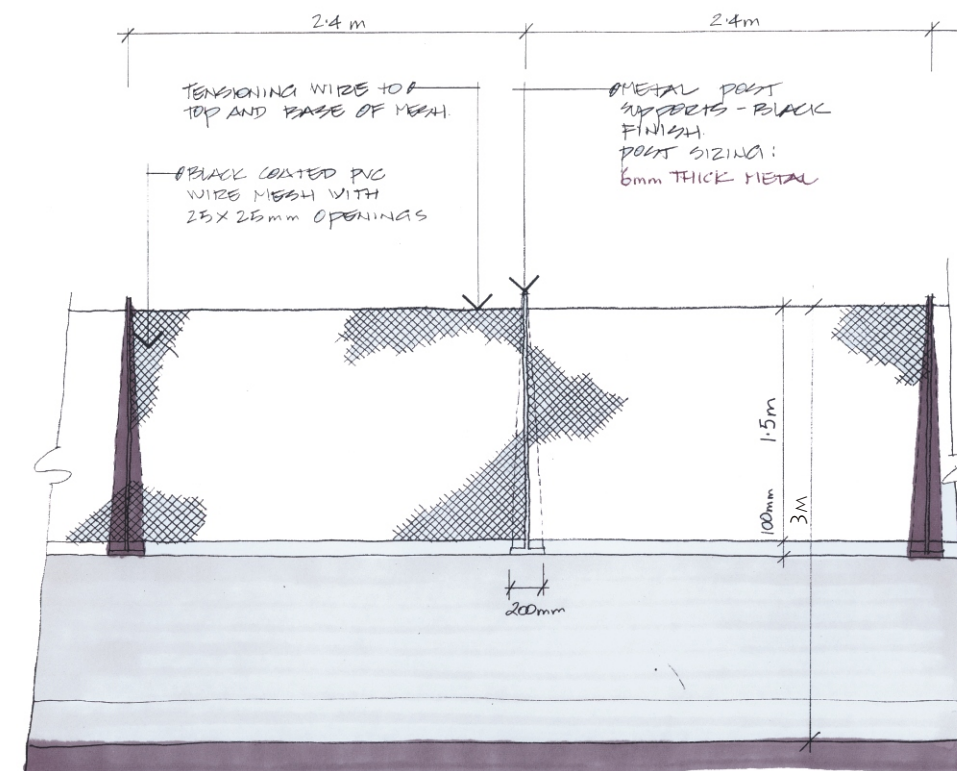


DETAIL SECTION VIEW

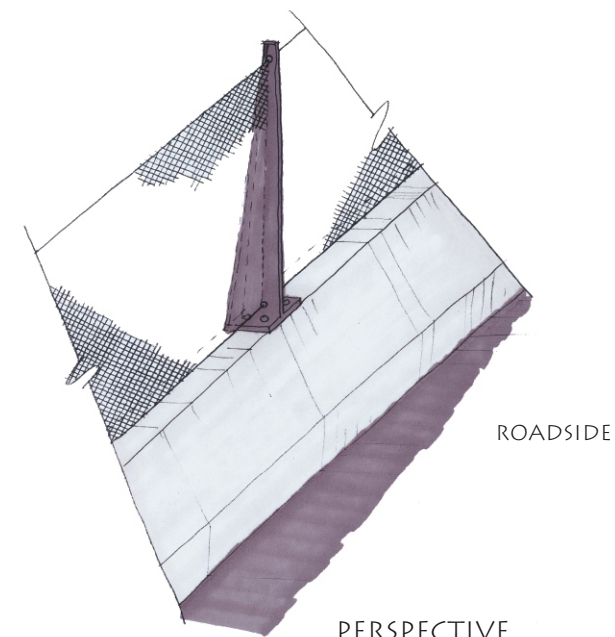


PERSPECTIVE

Trash Rack Screen



ELEVATION

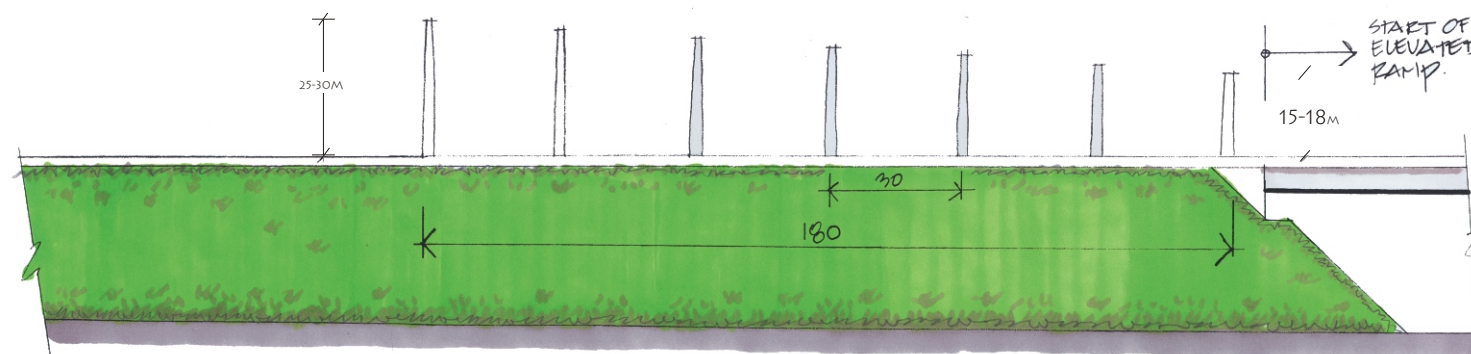


PERSPECTIVE

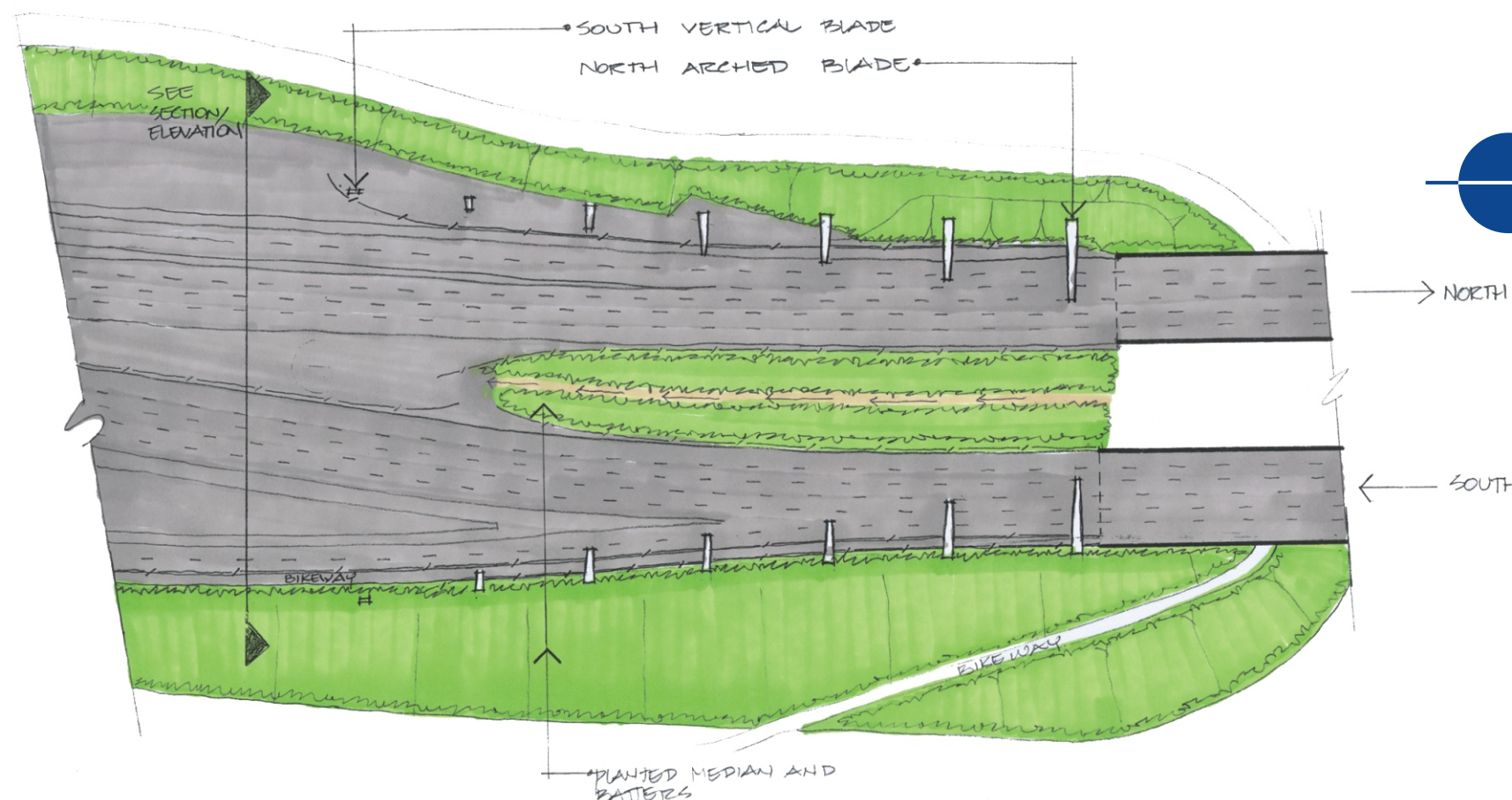
Trash Rack Screen - Adjacent to Gateway Bridge Duplication Bikeway

Not to Scale

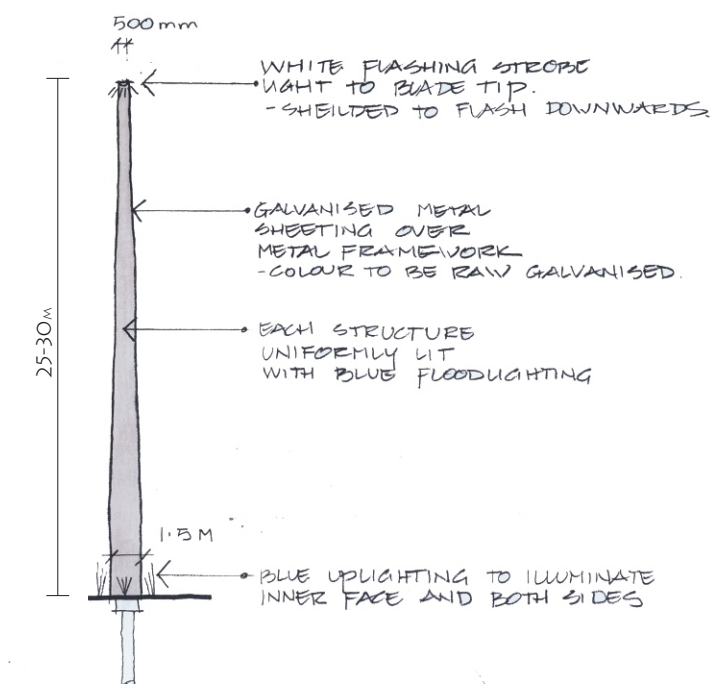
Gateway Upgrade Project ..



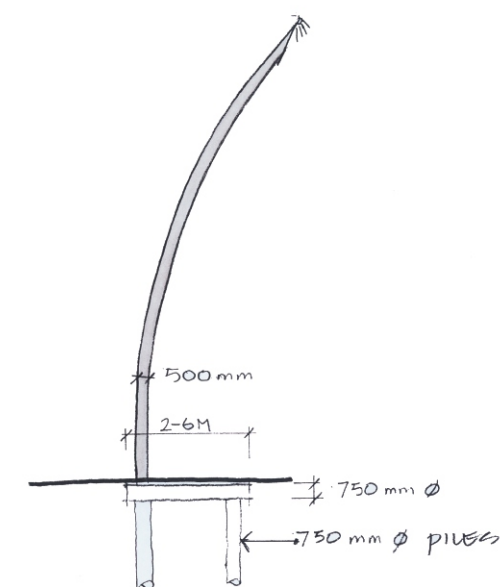
SIDE ELEVATION: Gateway Bridge Entry Statement
Southside Approach



PLAN: Gateway Bridge Entry Statement
Southside Approach



FRONT ELEVATION: Blade



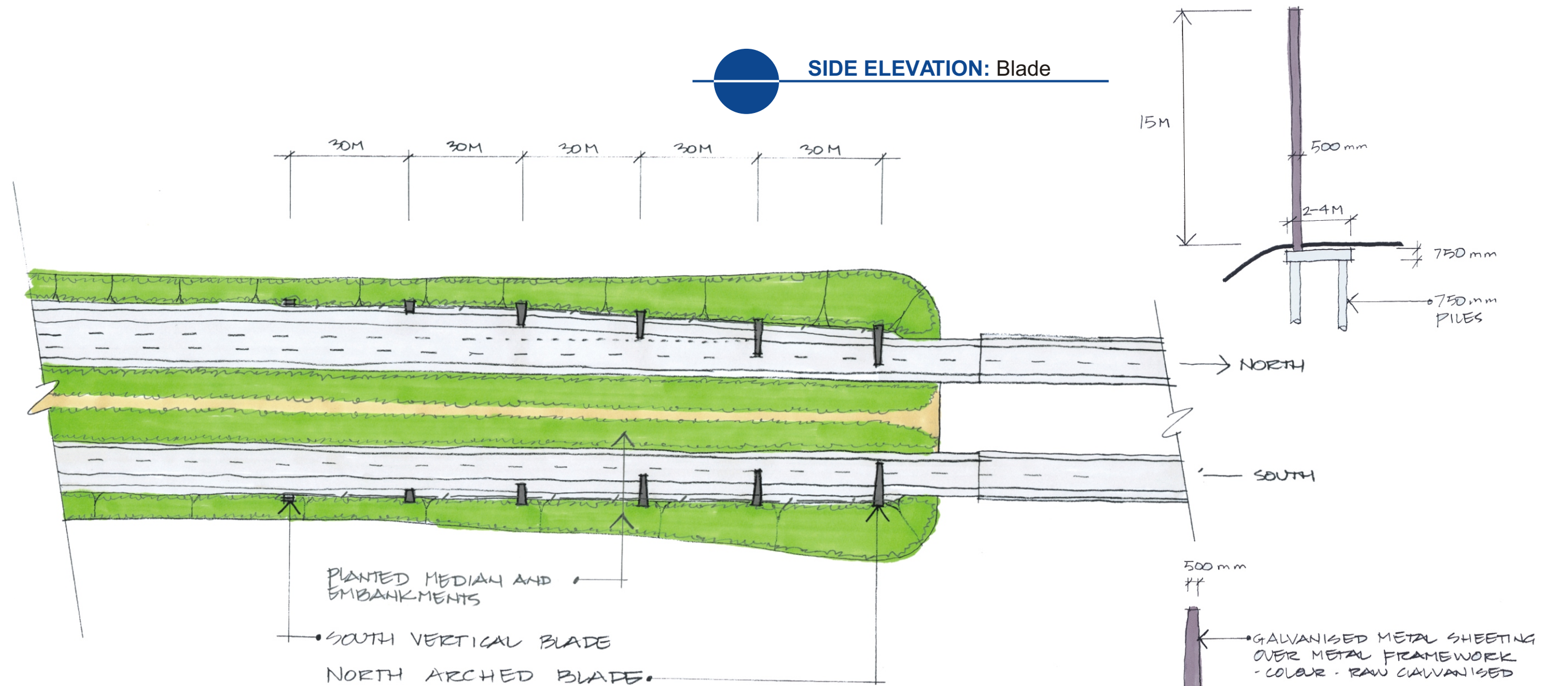
SIDE ELEVATION: Blade

Not to Scale

Gateway Upgrade Project ..



SIDE ELEVATION: Blade



PLAN: Airport Bridge Architectural Features Southside Approach

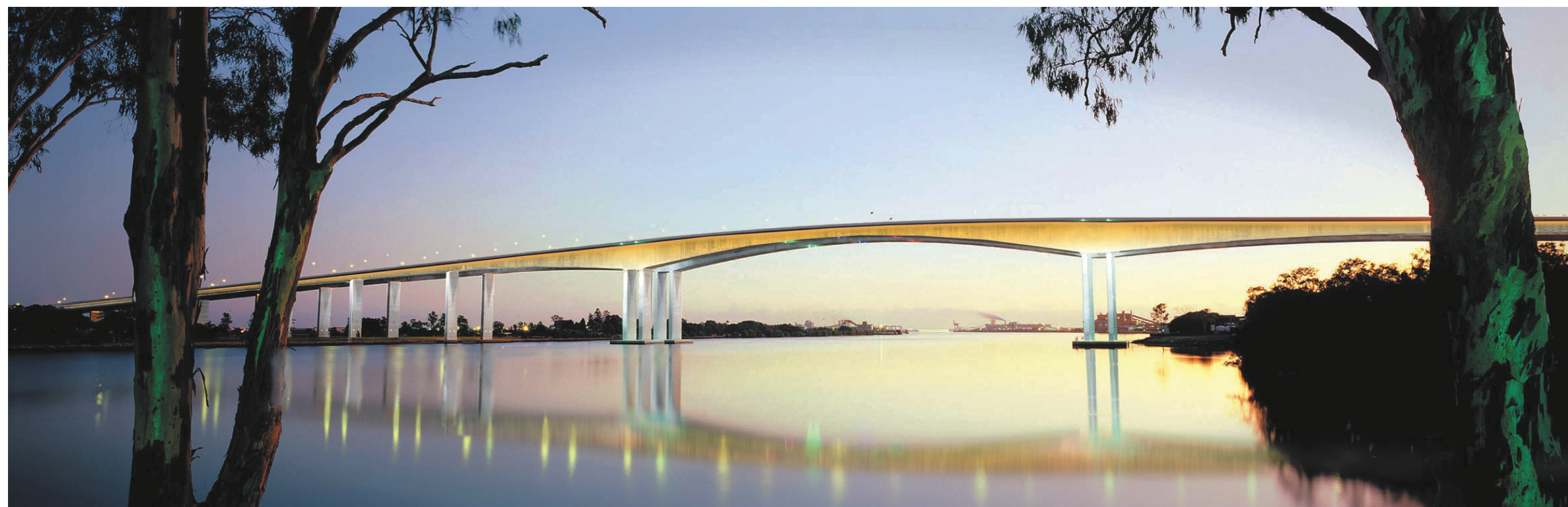
FRONT ELEVATION: Blade

Not to Scale

Gateway Upgrade Project ..



Gateway Upgrade Project ..



COLOUR SELECTION A: Sunset Gold

Lighting technology specified to provide 3 colour selections, Blue, Maroon Red or Gold as shown in this image

Not to Scale

Gateway Upgrade Project ..



COLOUR SELECTION B: Blue

Lighting technology specified to provide 3 colour selections, Gold, Maroon Red or Blue as shown in this image

Not to Scale

Gateway Upgrade Project ..

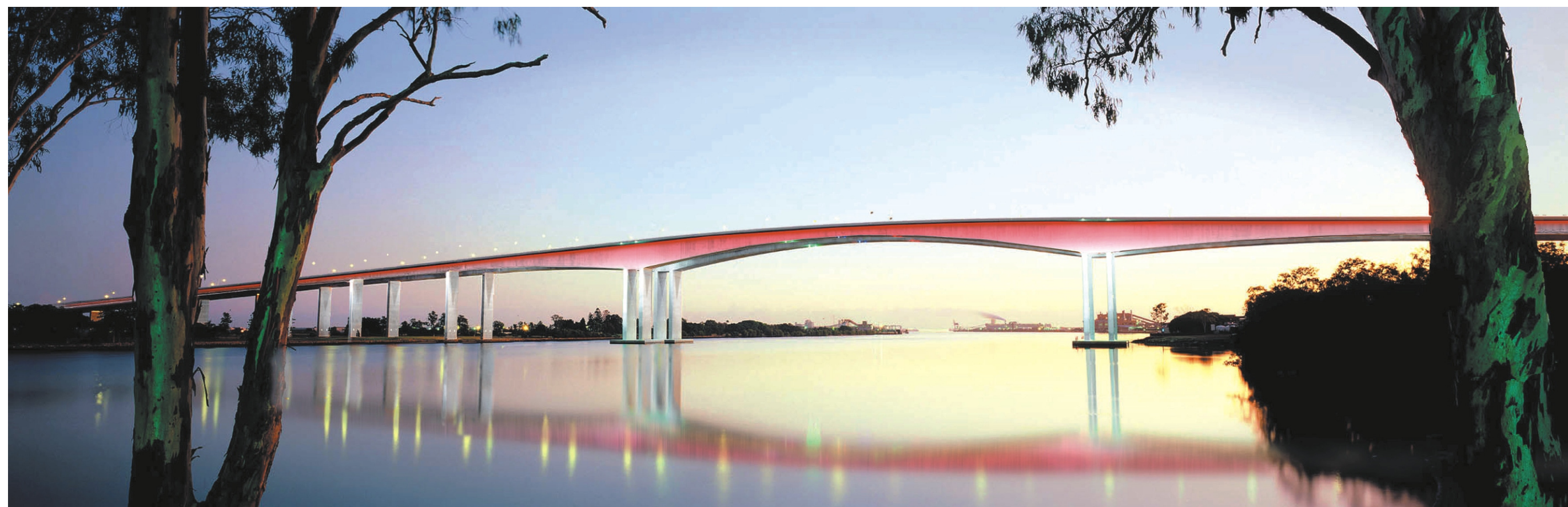


COLOUR SELECTION C: Maroon Red

Lighting technology specified to provide 3 colour selections, Gold, Blue or Maroon Red as shown in this image

Not to Scale

Gateway Upgrade Project ..



COLOUR SELECTION C: Maroon Red

Lighting technology specified to provide 3 colour selections, Gold, Blue or Maroon Red as shown in this image

Not to Scale



P3

Matrix of Urban Design Treatments

Gateway Upgrade Project

Structures within Corridor Section	Painted Cream to match Parapet Colour Port of Brisbane Interchange Bridges	Coloured Dark Charcoal Grey	Match Colour of Existing Panels Under Lytton Road	To Match Colour on Adjacent Structure	Light Weight Coloured Concrete (Autoclave) beyond Bridges	Transparent Perspex on Structures	Significant Architectural Metal Structures Illuminated Blue	Efficient Low Glare Luminaire on Architectural Pole Assembly – Black	Painted Red to Match Existing Columns	Ornamentally Illuminated with 3 Colour Changes	Mortared Bluestone to match existing Port of Brisbane Treatment	Tubular Metal – Coloured	3 metre High Architectural Ballustrade Protruding Angled Posts – Black	3 metre High Metal Balustrade – Non Architectural – Colour Black	Light coloured Textured Paint Finish	White Wash Flood Downlights	1.5 metre High Bluestone Pitching to Base	Painted with Colour Finish to Match Existing Port of Brisbane RSS Walls	Dark Grey Metal Mesh Panels with Angled Black Posts	Split Face Blockwork Facing – Coloured Dark Charcoal Grey	Applied Colour Finish - Textured	Linear Fluorescent Lighting – Warm Wash Down Light	Dark Charcoal Grey Interlocking Masonry Blockwork	Architectural Structure of Reduced Scale to Gateway Bridge Approach – Lit Blue	Modern Queensland Architectural Design	Recessed Design in Parapet – Outside Wall – Local Theme	Warm Wash Spot Up Lights	Painted Off-white	Painted to reflect Local Theme	Recessed Design in Column – Local Theme
Mt Gravatt – Capalaba Road to Cleveland Rail Line																														
Bridge Parapets – internal walls																														
Bulimba Creek Viaduct																														
– Parapets																														
– Outside Beams																														
– Headstock ends																														
– RSS Retaining Walls																														
Acoustic Barriers																														
Minimum Energy Culvert Bridge																														
– Parapets – internal walls																														
Greendale Way Bridge																														
– Parapets – internal walls																														
Cleveland Rail Line to Pinkenba Rail Line																														
Lytton Road Underpass																														
Vertical RSS Retaining Walls																														
Port of Brisbane Motorway Interchange																														
Columns																														
Bridge Parapet – Internal and External Walls																														
Bridge Abutments																														
Architectural Panels beneath Lytton Road																														
Acoustic Barriers																														
Gateway Approaches																														
Gantries																														
Toll Plaza Buildings																														
Entry Statement																														
Road Light Pole Assemblies																														
Medians																														
Bikeway																														
Gateway Bridge Duplication																														
Balustrade – east side																														
Balustrade – west side																														
Road lightpole Assembly																														
Ornamental Lighting of sides to Arches (both Bridges)																														
Ornamental Lighting of Piers (both bridges)																														
Bikeway																														

Structures within Corridor Section	Painted Cream to match Parapet Colour Port of Brisbane Interchange Bridges	Coloured Dark Charcoal Grey	Match Colour of Existing Panels Under Lytton Road	To Match Colour on Adjacent Structure	Light Weight Coloured Concrete (Autoclave) beyond Bridges	Transparent Perspex on Structures	Significant Architectural Metal Structures Illuminated Blue	Efficient Low Glare Luminaire on Architectural Pole Assembly – Black	Painted Red to Match Existing Columns	Ornamentally Illuminated with 3 Colour Changes	Mortared Bluestone to match existing Port of Brisbane Treatment	Tubular Metal – Coloured	3 metre High Architectural Ballustrade Protruding Angled Posts – Black	3 metre High Metal Balustrade – Non Architectural – Colour Black	Light coloured Textured Paint Finish	White Wash Flood Downlights	1.5 metre High Bluestone Pitching to Base	Painted with Colour Finish to Match Existing Port of Brisbane RSS Walls	Dark Grey Metal Mesh Panels with Angled Black Posts	Split Face Blockwork Facing – Coloured Dark Charcoal Grey	Applied Colour Finish - Textured	Linear Fluorescent Lighting – Warm Wash Down Light	Dark Charcoal Grey Interlocking Masonry Blockwork	Architectural Structure of Reduced Scale to Gateway Bridge Approach – Lit Blue	Modern Queensland Architectural Design	Recessed Design in Parapet – Outside Wall – Local Theme	Warm Wash Spot Up Lights	Painted Off-white	Painted to reflect Local Theme	Recessed Design in Column – Local Theme
Bridges Over Lavarack Avenue, Cullen Avenue and Kingsford Smith Drive																														
Parapets – External Walls																														
Vertical RSS Retaining Walls adjacent to Roads																														
Bridge Adjacent to GJ James Glass																														
– Columns																														
– Outside Beams/Girders/Box Deck																														
– Headstock ends and Soffits																														
Trash screens																														
Pinkenba Rail Line to Nudgee Road																														
Airport Drive Bridge																														
Entry Statement (each end of bridge structures)																														
Parapets – External Walls																														
Lighting of External Parapet Walls																														
Road Light Pole Assembly																														
Trash Screens																														
Bridge above Airport Drive between Piers 17 and 18																														
Parapets – External Walls																														
Soffits																														
Columns Adjacent to Airport Drive																														
Ornamental Lighting of Columns																														
Airport Northern Interchange Bridge																														
Parapets – External Walls																														
Columns Adjacent to Carriageways																														
Balance of Bridge Columns																														
Northern Bifurcation Bridge																														
Parapets – External Walls																														
Columns above Gateway Deviation Adjacent to Carriageway																														
Miscellaneous																														
Gantries																														
Roadside Embankment Retaining Walls																														

Table Notes

Very Important: Treatments provide High Positive Visual Impact on a Regional Scale – Non Negotiable – Major Contributing Factor to Project Success

Important: Treatments Provide Positive Visual Impact at a Local Area Scale

Treatments Provide Positive Visual Impact at Site Specific Locations