

NOTES:

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|---------------------|---------------|-----------|----------|
| Original Scale (A3) |               |           |          |
| NTS                 |               |           |          |
| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision:           | Amendment     | Approved: | Date     |

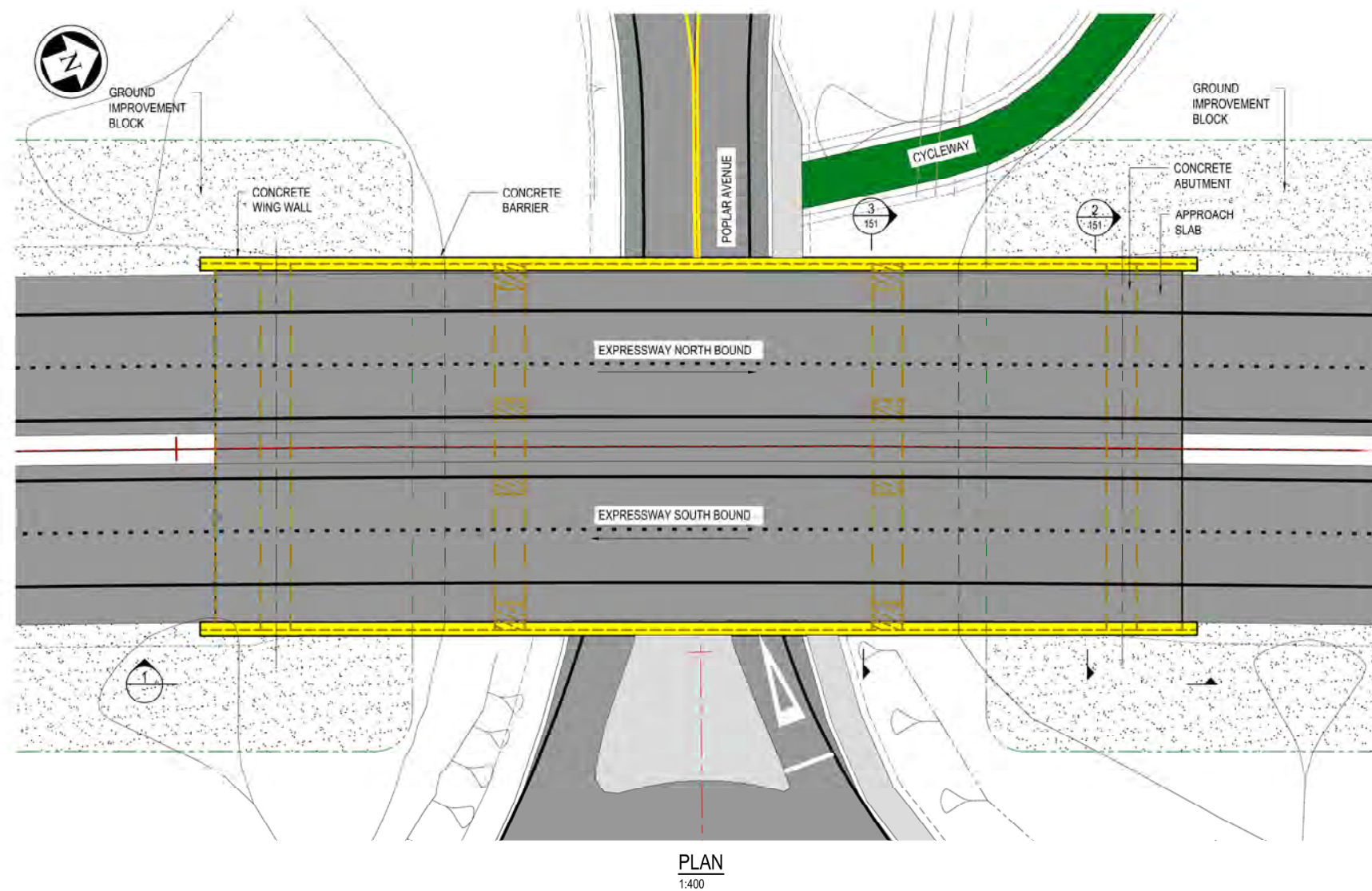
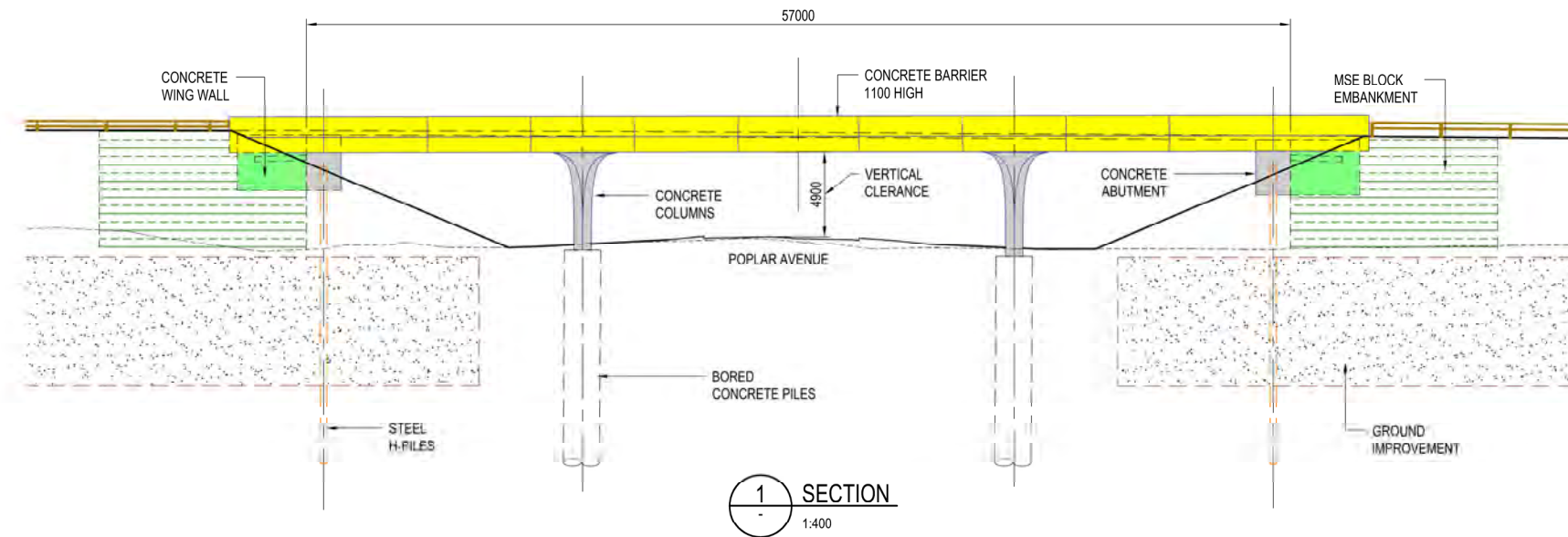


Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Title: **PROPOSED EXPRESSWAY BRIDGE SCHEME PLANS SHEET INDEX**

|                           |        |
|---------------------------|--------|
| FOR CONSENTING            |        |
| Document ID: M2PP-AEE-GWG | Rev: 1 |
| <b>ST-BR-100</b>          |        |





NOTES:

Original Scale (A3)  
As Shown

| Revision | Amendment     | NRN | Approved | Date     |
|----------|---------------|-----|----------|----------|
| 1        | AEE LODGEMENT | NRN |          | 15.03.12 |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Title: **POPLAR AVENUE UNDERBRIDGE GENERAL ARRANGEMENT**

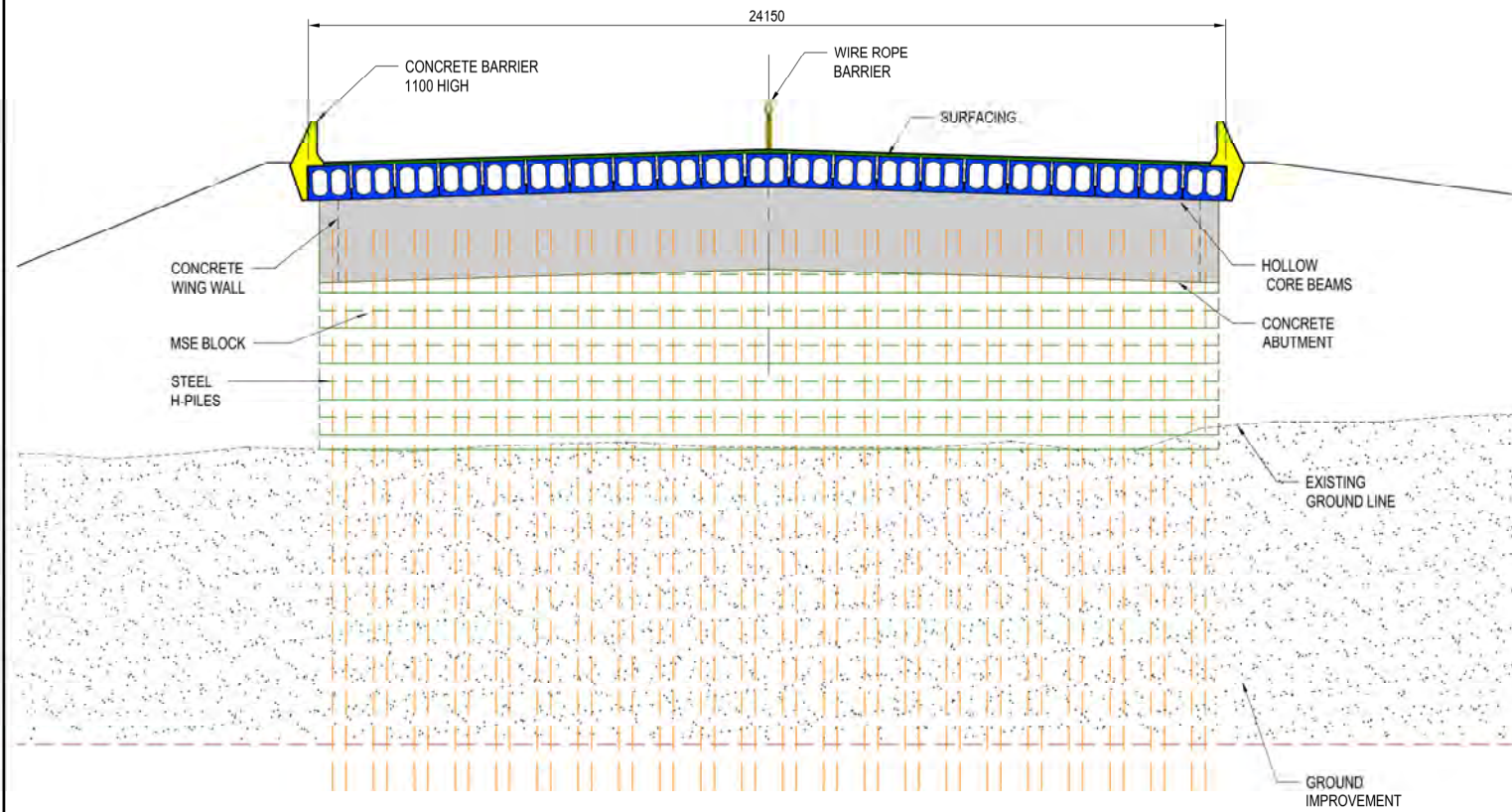
Status: **FOR CONSENTING**

Document ID: M2PP-AEE-GWG

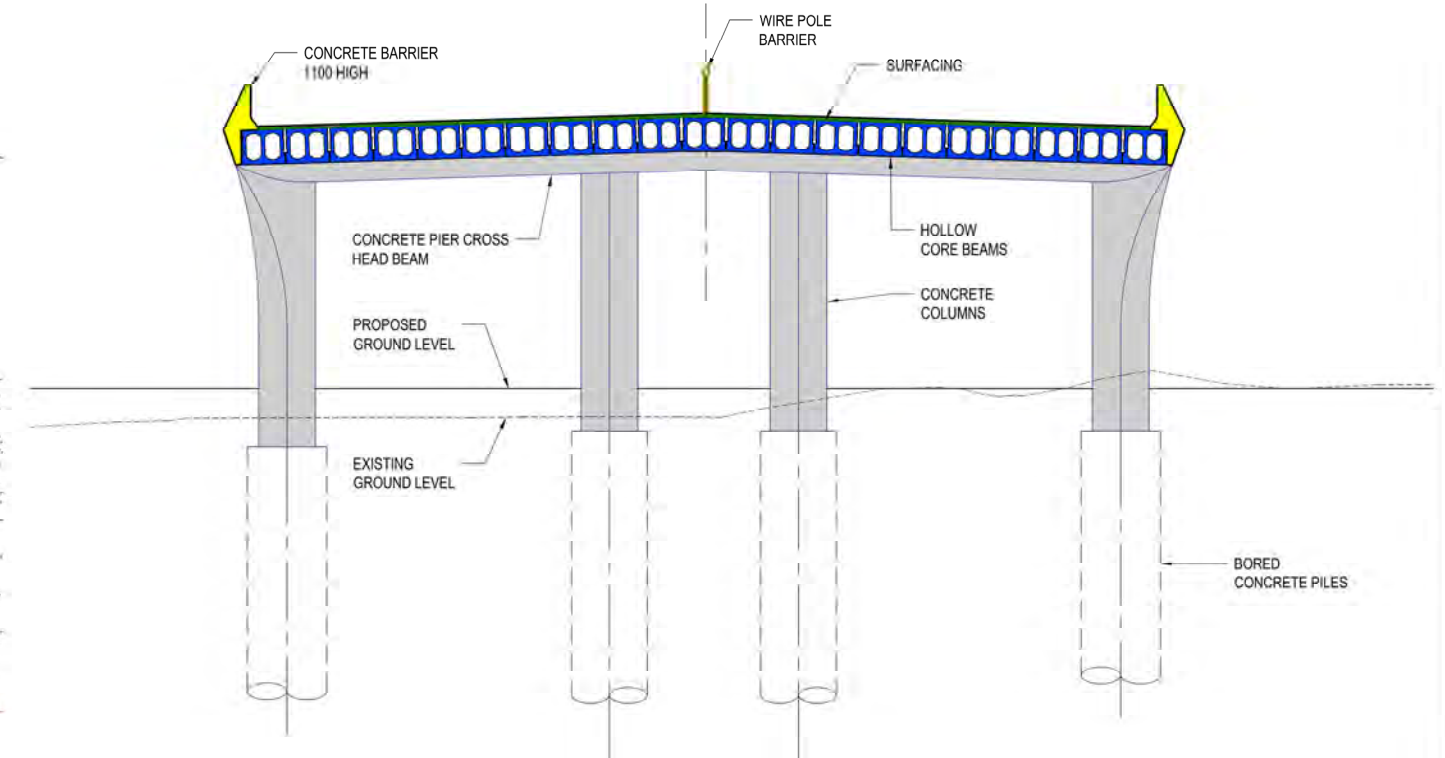
Drawing No: **ST-BR-150**

Rev: 1

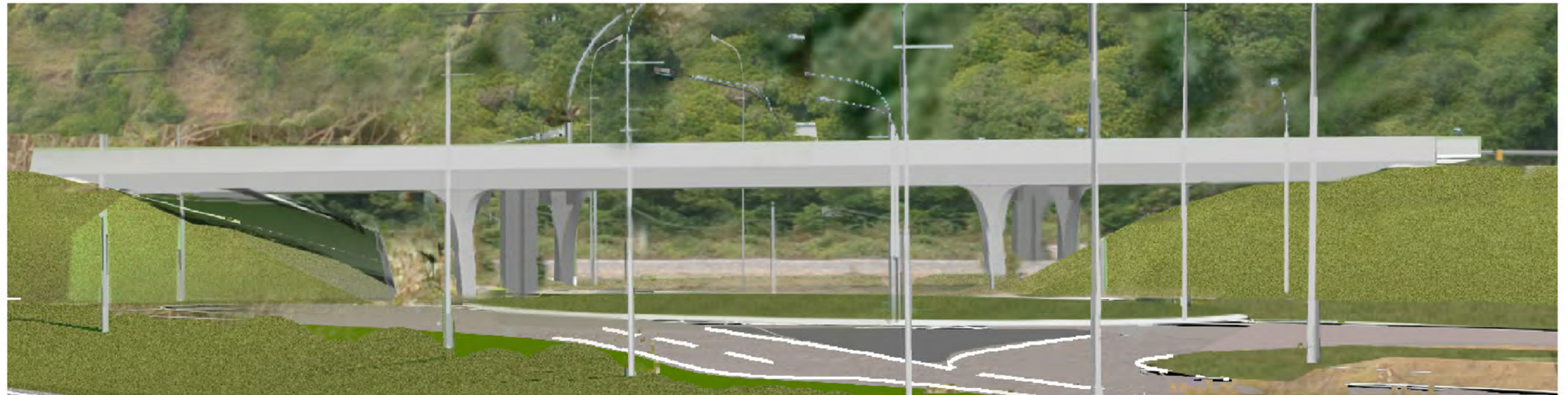




2 SECTION  
150 1:200



3 SECTION  
150 1:200



3D VIEW OF BRIDGE  
NTS

NOTES:

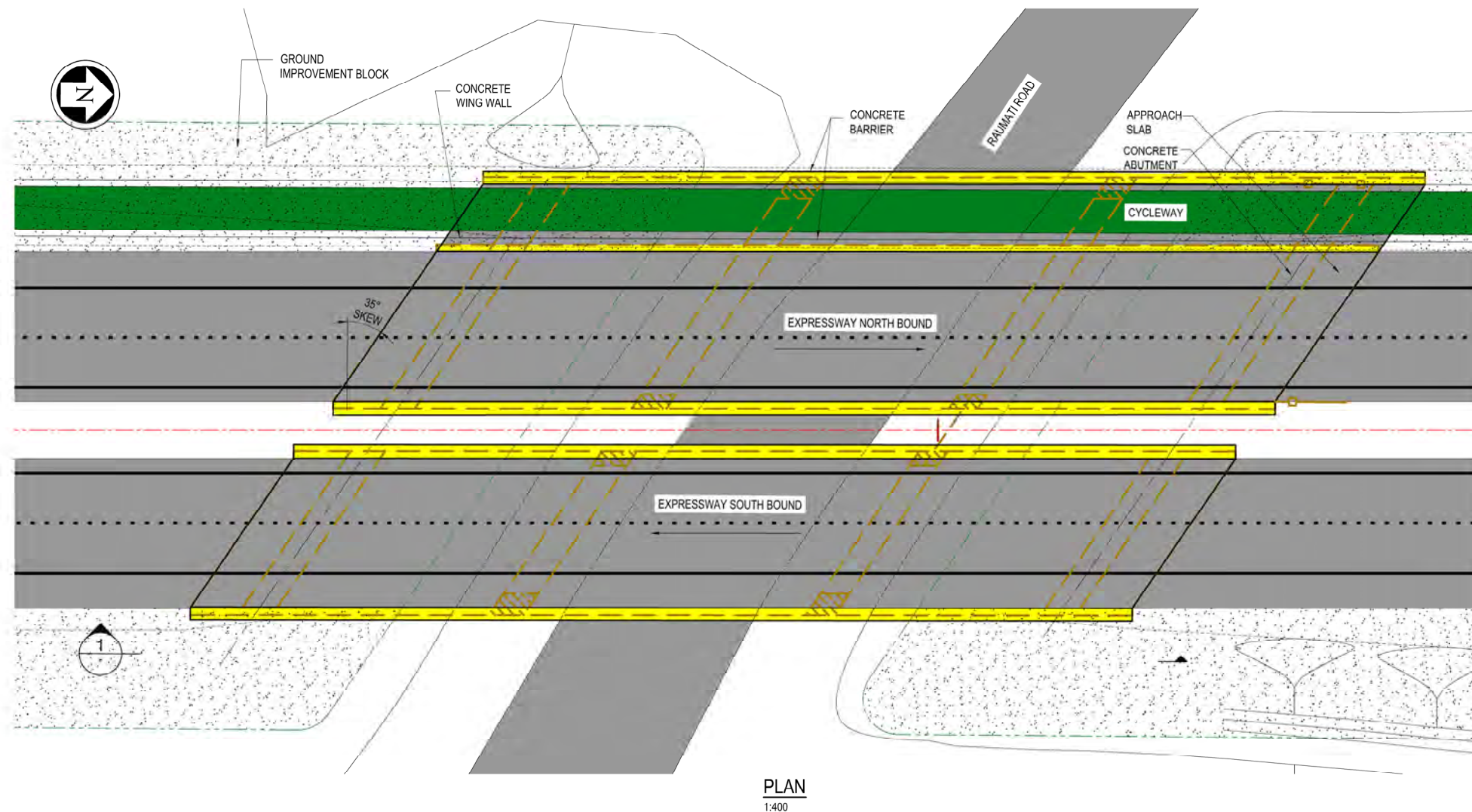
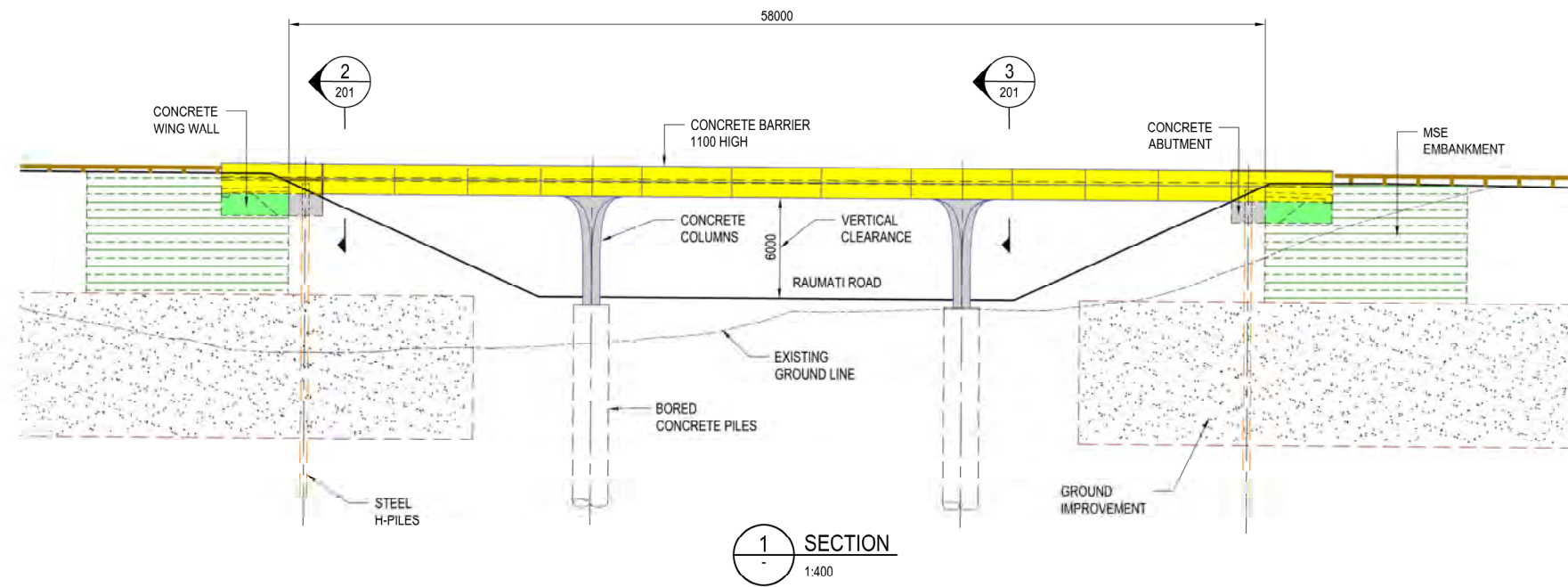
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| Original Scale (A3) |
| As Shown            |

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|----------|---------------|----------|----------|
| Revision | Amendment     | NRN      | 15.03.12 |
| 1        | AEE LODGEMENT | NRN      | 15.03.12 |
|          |               | Approved | Date     |



|  |                        |
|--|------------------------|
| Project: MACKAYS TO PEKA PEKA EXPRESSWAY           |                        |
| Title: POPLAR AVENUE UNDERBRIDGE SECTIONS, 3D VIEW |                        |
| Date: FOR CONSENTING                               | Rev: 1                 |
| Document ID: M2PP-AEE-GWG                          | Planning No: ST-BR-151 |





NOTES:

|                     |           |          |  |
|---------------------|-----------|----------|--|
| Original Scale (A3) |           |          |  |
| As Shown            |           |          |  |
| 1 AEE LODGEMENT     | NRN       | 15.03.12 |  |
| Revision: Amendment | Approved: | Date:    |  |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

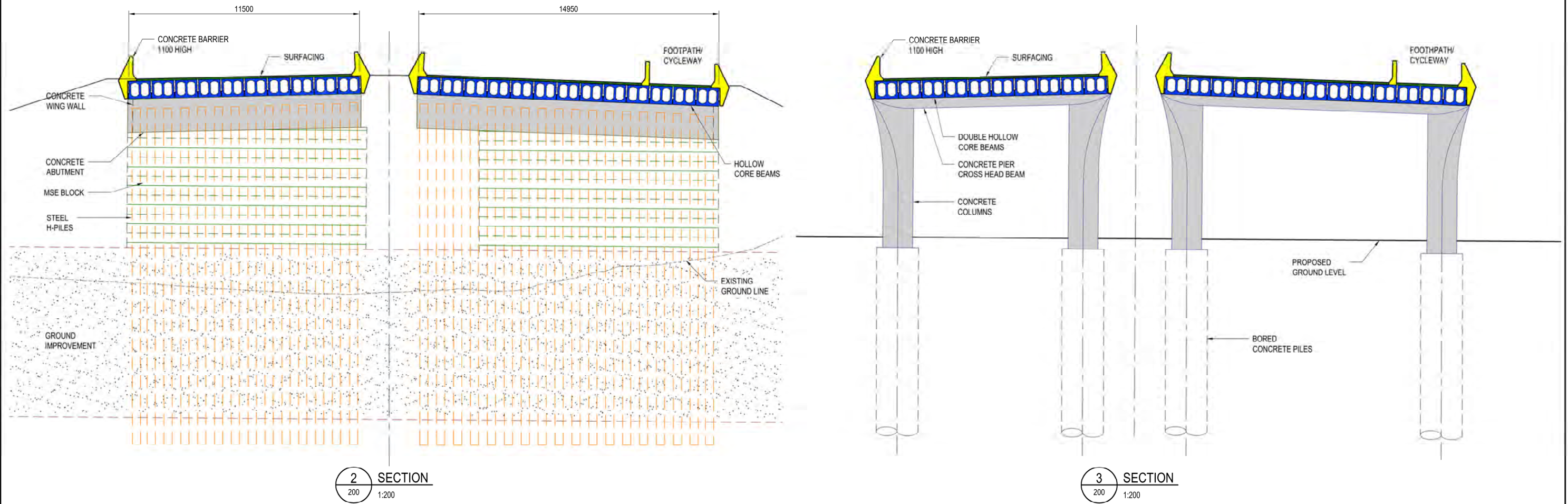
Title: **RAUMATI ROAD UNDERBRIDGE GENERAL ARRANGEMENT**

FOR CONSENTING

Document ID: M2PP-AEE-GWG

Drawing No: **ST-BR-200**





3D VIEW OF BRIDGE  
NTS

NOTES:

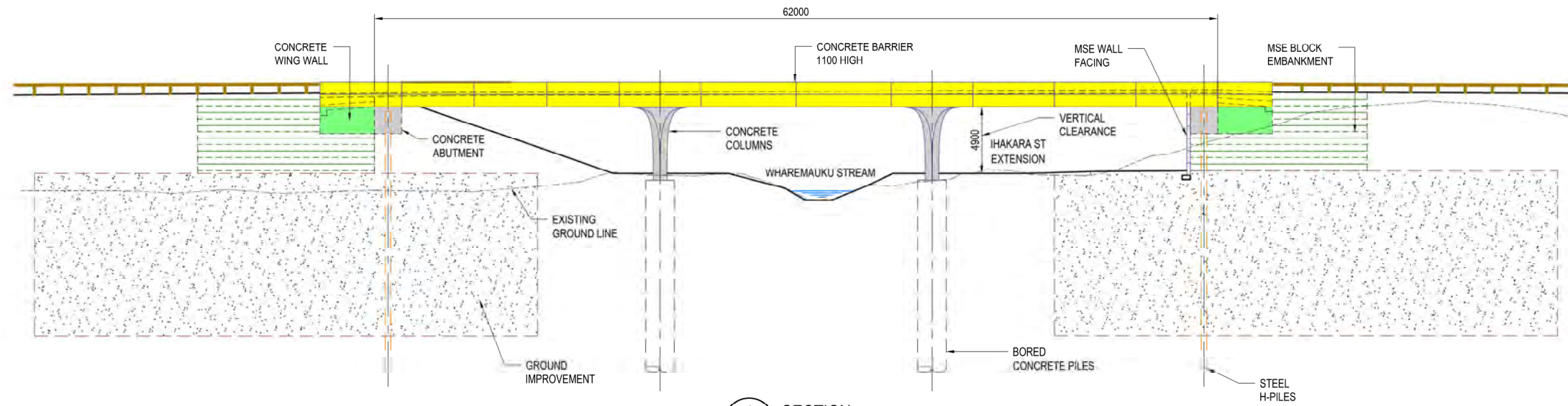
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| Original Scale (A3) |  |
| As Shown            |  |

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| 1         | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision: | Amendment     | Approved: | Date     |

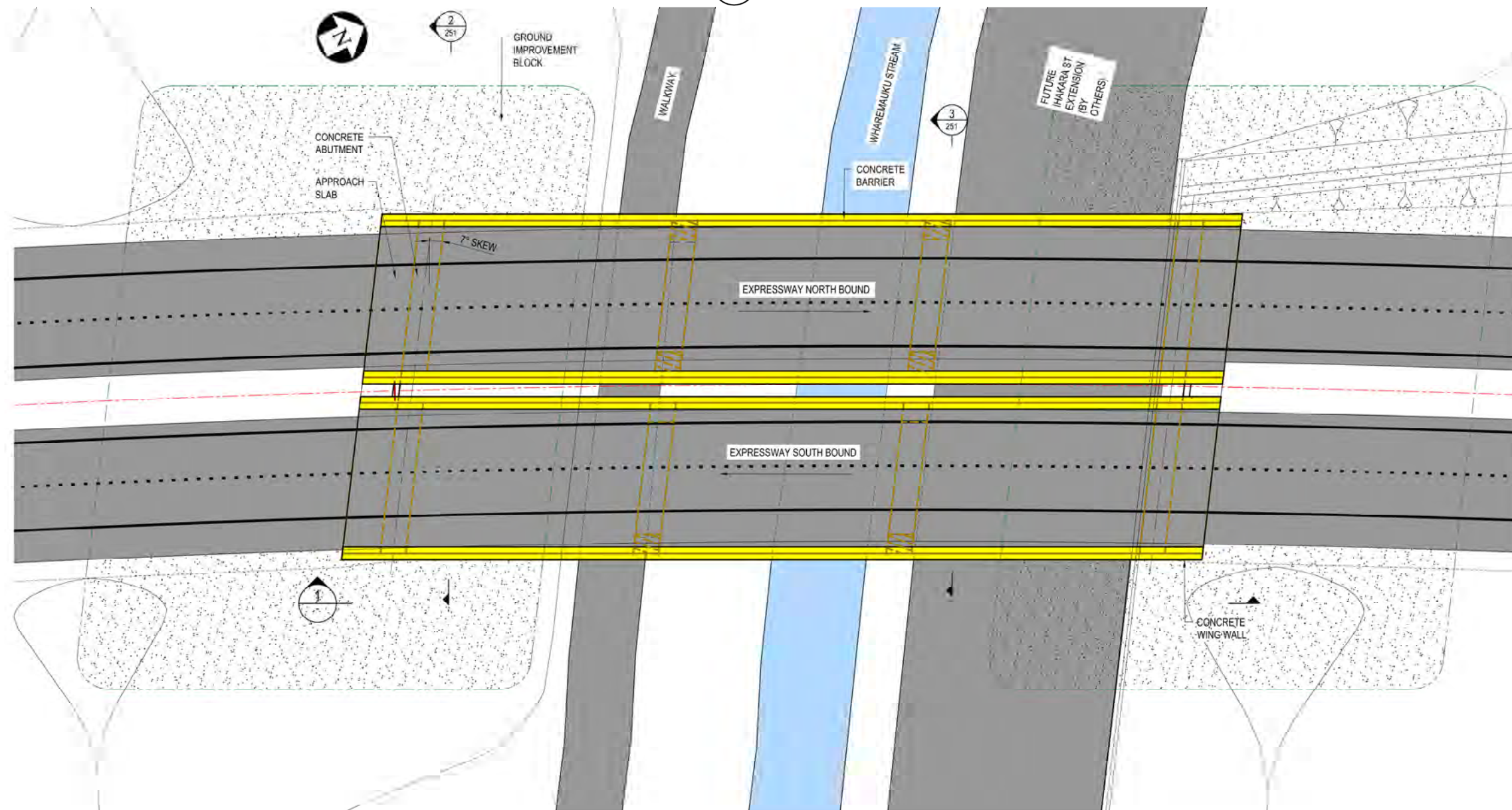


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|--|------------------------------|
| Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>          |                              |
| Title: <b>RAUMATI ROAD UNDERBRIDGE SECTIONS, 3D VIEW</b> |                              |
| Date: FOR CONSENTING                                     | Rev: 1                       |
| Document ID: M2PP-AEE-GWG                                | Flowing No: <b>ST-BR-201</b> |





1 SECTION  
1:400



PLAN  
1:400

NOTES:

Original Scale (A3)  
As Shown

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|----------|---------------|----------|----------|
| 1        | AEE LODGEMENT | NRN      | 15.03.12 |
| Revision | Amendment     | Approved | Date     |



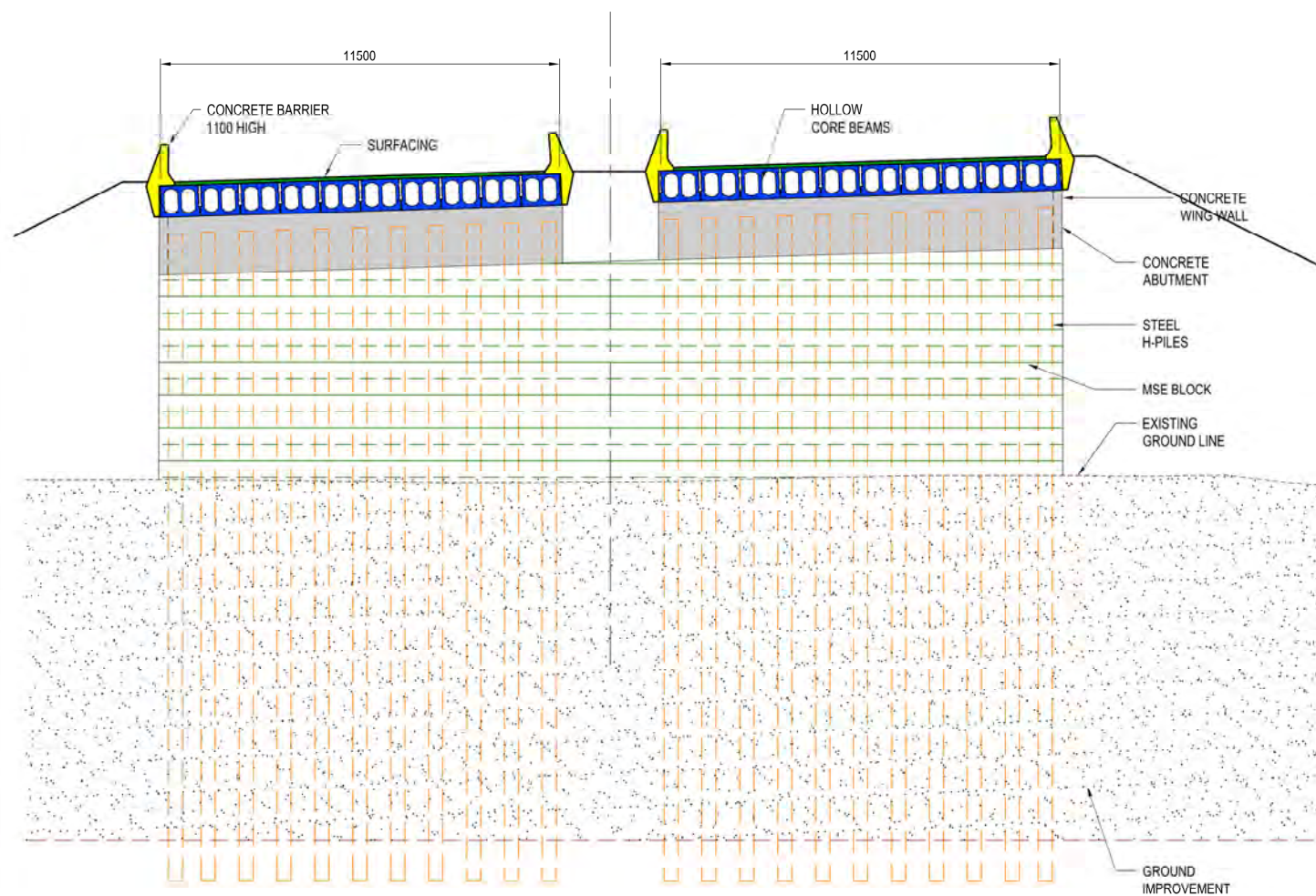
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

FOR CONSENTING

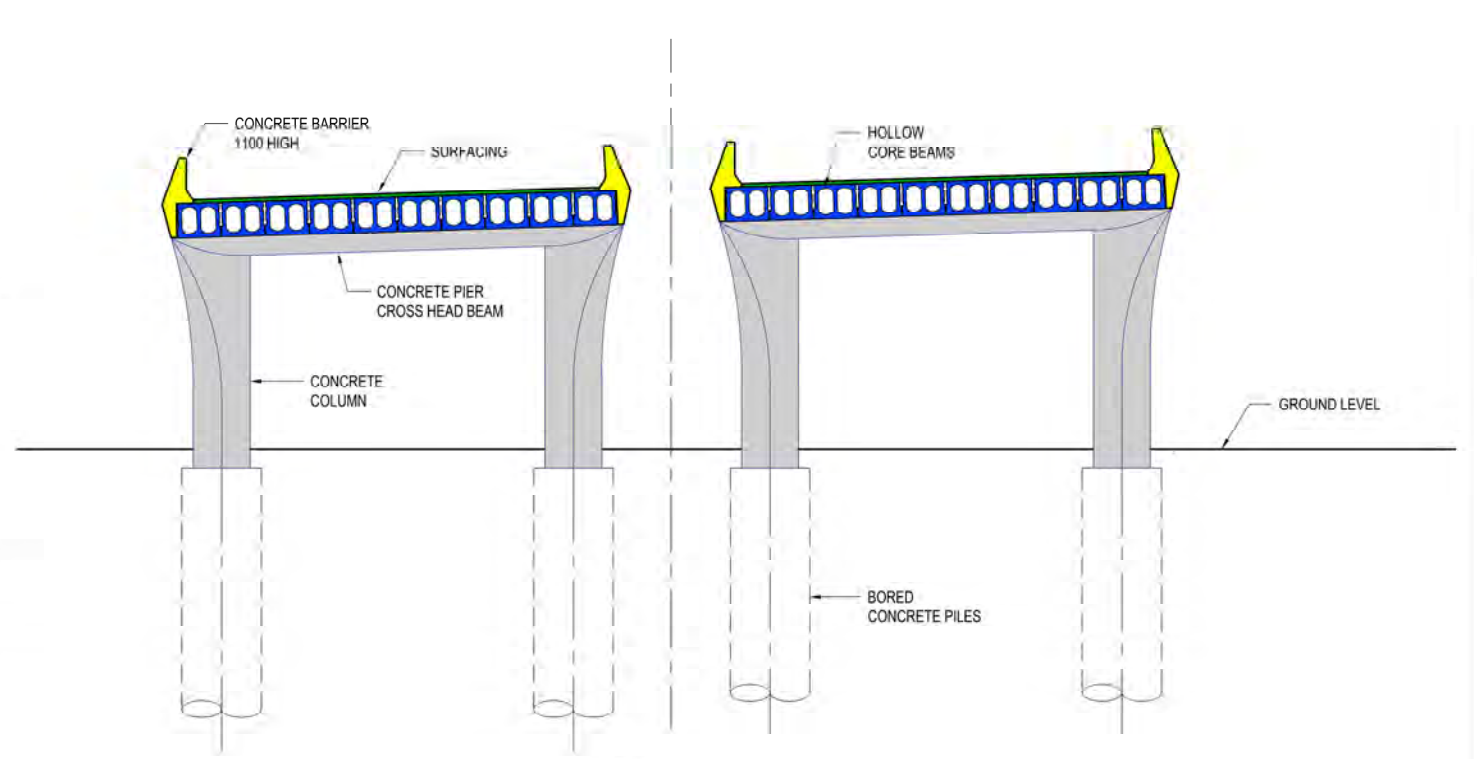
Document ID: M2PP-AEE-GWG

Drawing No: **ST-BR-250**





2 SECTION  
250 1:200



3 SECTION  
250 1:200



3D VIEW OF BRIDGE  
NTS

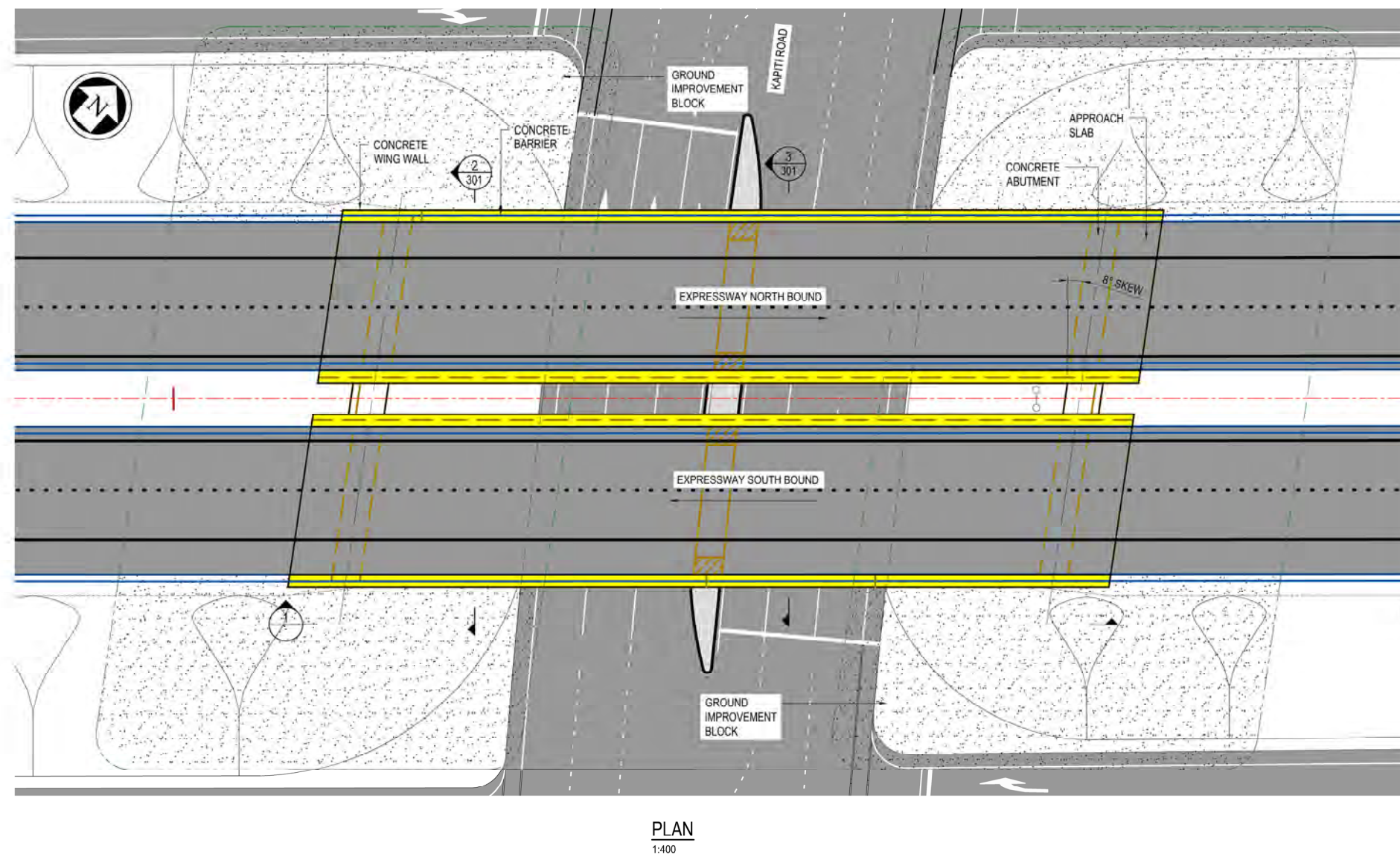
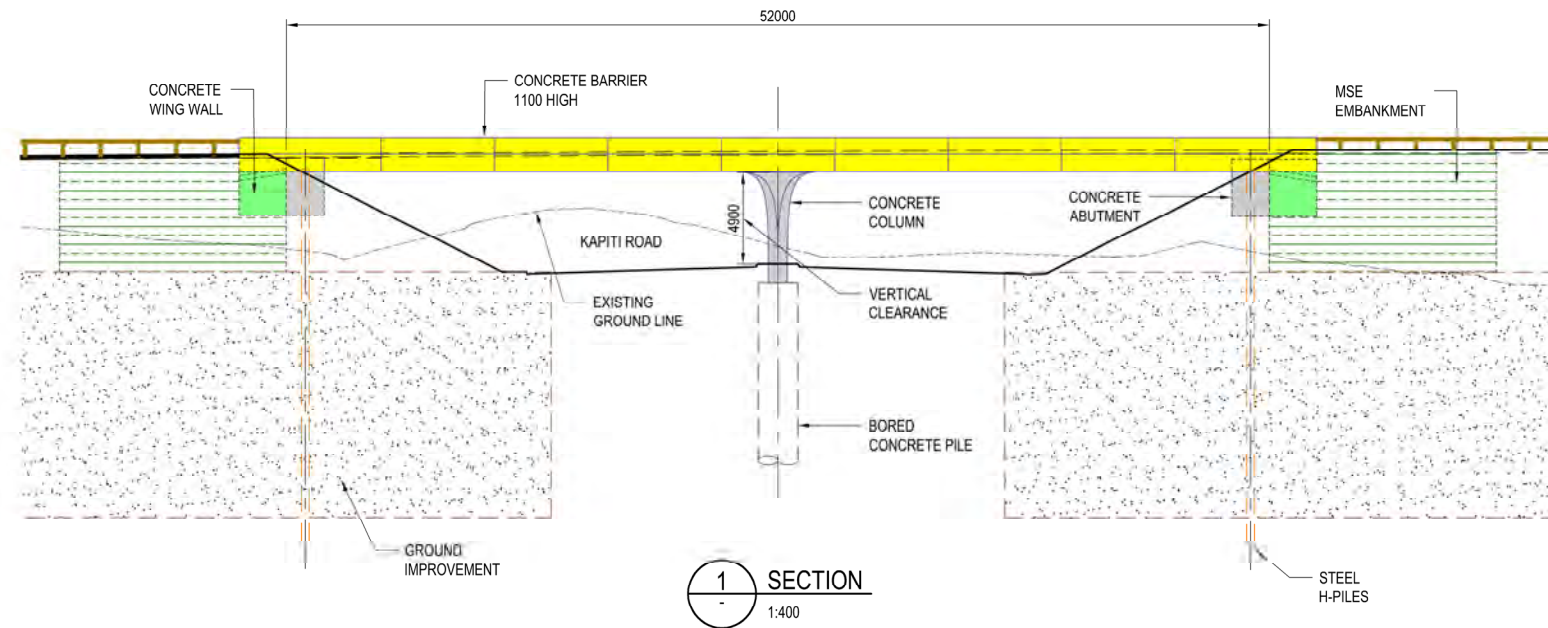
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| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision:           | Amendment     | Approved: | Date:    |



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|---|-----------|
| Project: MACKAYS TO PEKA PEKA EXPRESSWAY                                      |           |
| Title: IHAKARA ST EXTENSION & WHAREMAUKU STREAM UNDERBRIDGE SECTIONS, 3D VIEW |           |
| FOR CONSENTING  | Rev. 1    |
| Document ID: M2PP-AEE-GWG   | ST-BR-251 |





NOTES:

Original Scale (A3)  
As Shown

| Revision | Amendment     | NRN | Approved | Date     |
|----------|---------------|-----|----------|----------|
| 1        | AEE LODGEMENT |     |          | 15.03.12 |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

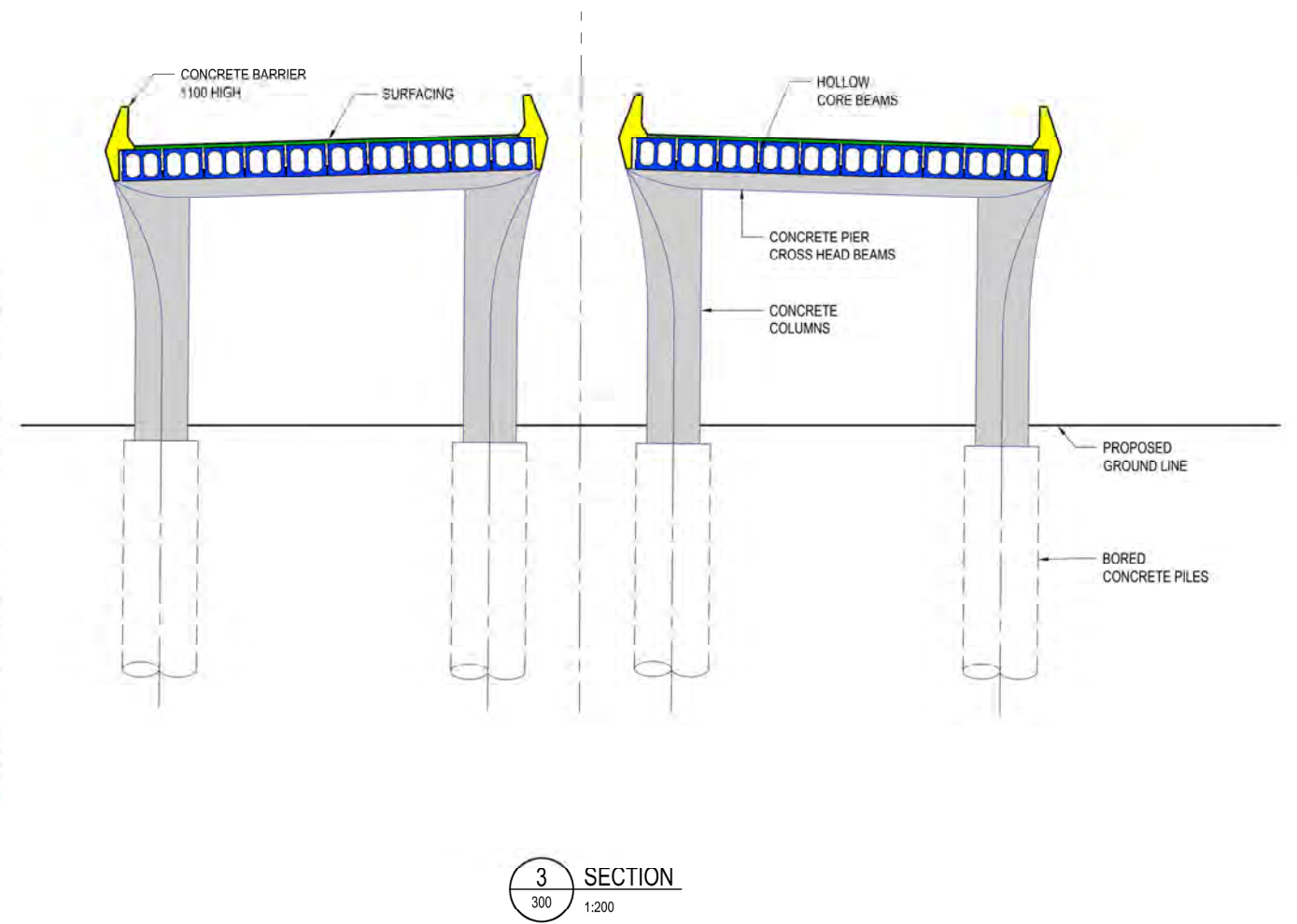
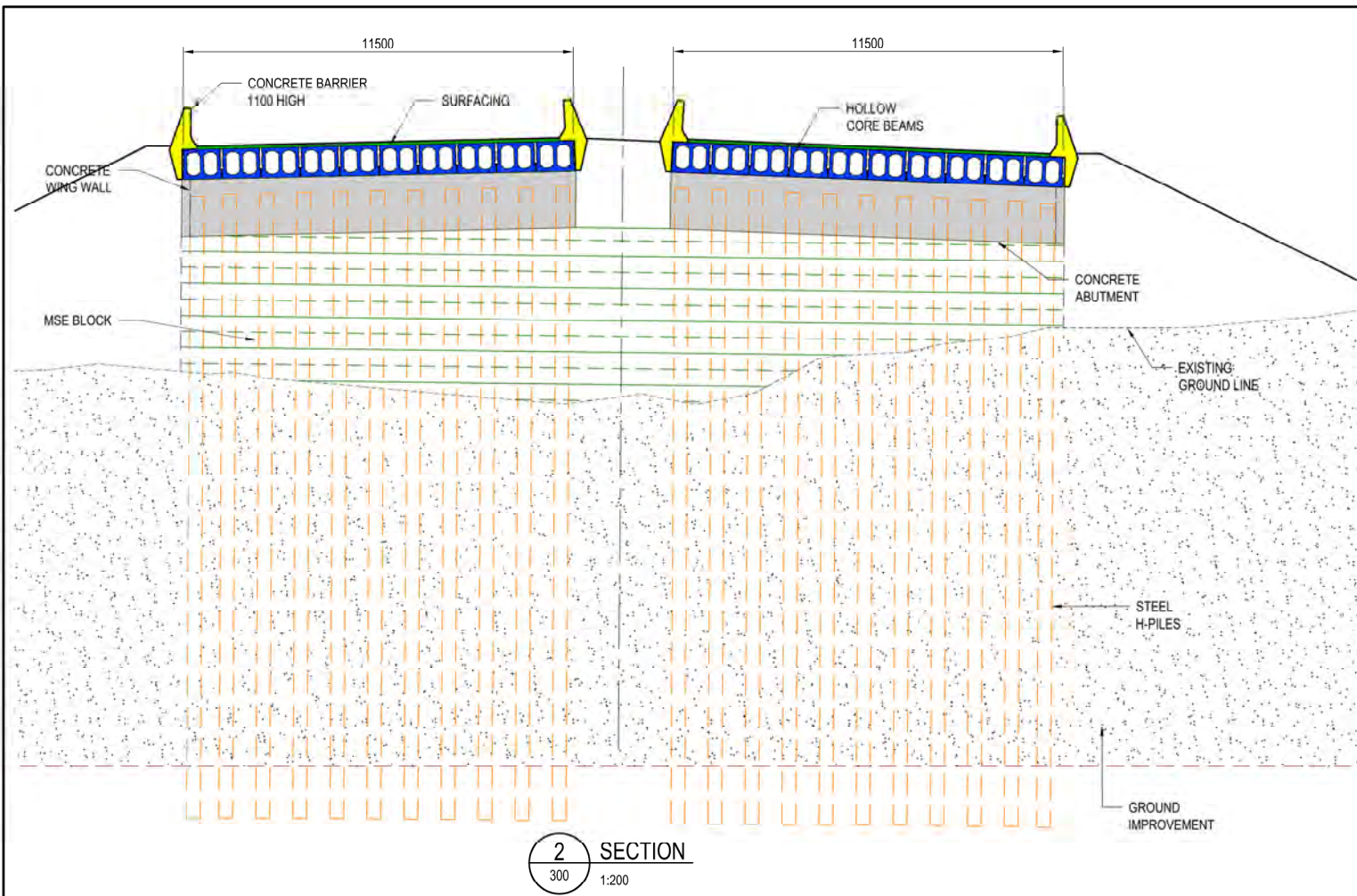
FOR CONSENTING

Document ID: M2PP-AEE-GWG

Revising No: **ST-BR-300**

KAPITI ROAD UNDERBRIDGE GENERAL ARRANGEMENT





3D VIEW OF BRIDGE LOOKING WEST  
NTS



3D VIEW OF BRIDGE LOOKING EAST  
NTS

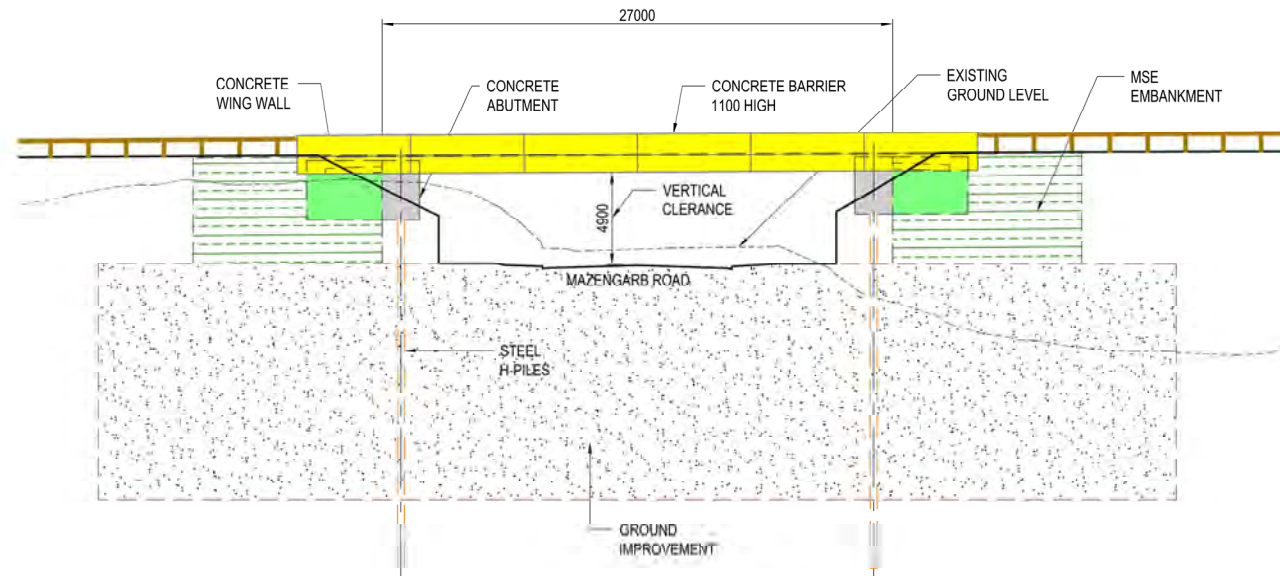
NOTES:

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| 1 AEE LODGEMENT     | NRN       | 15.03.12 |  |
| Revision: Amendment | Approved: | Date:    |  |

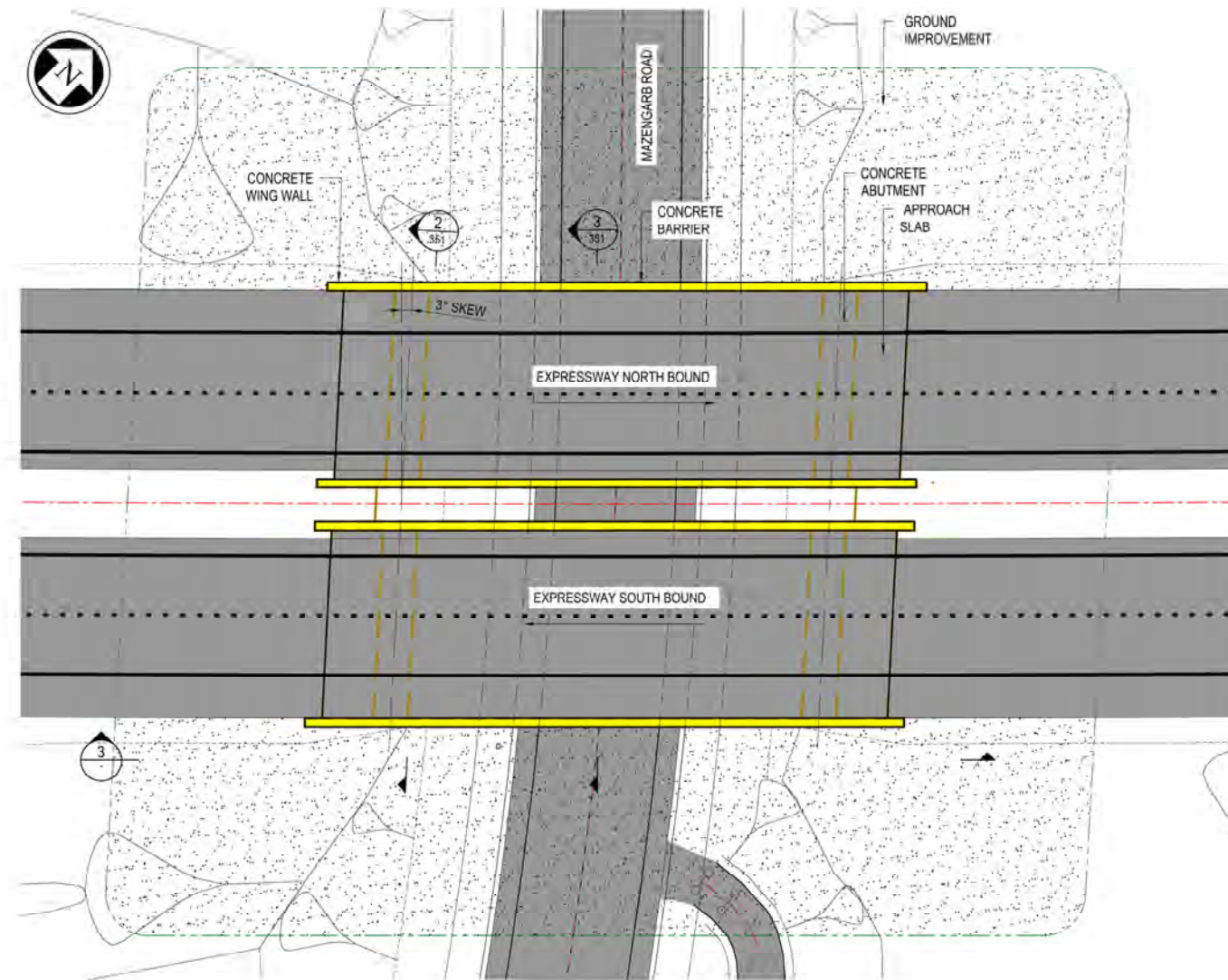


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| Project: MACKAYS TO PEKA PEKA EXPRESSWAY         |           |
| Title: KAPITI ROAD UNDERBRIDGE SECTIONS, 3D VIEW |           |
| Date: FOR CONSENTING                             | Rev: 1    |
| Document ID: M2PP-AEE-6WG                        | ST-BR-301 |





1 SECTION  
1:400



PLAN  
1:400

NOTES:

Original Scale (A3)  
As Shown

| Revision | Amendment     | NRN | Approved | Date     |
|----------|---------------|-----|----------|----------|
| 1        | AEE LODGEMENT |     |          | 15.03.12 |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Title: **MAZENGARB ROAD UNDERBRIDGE GENERAL ARRANGEMENT**

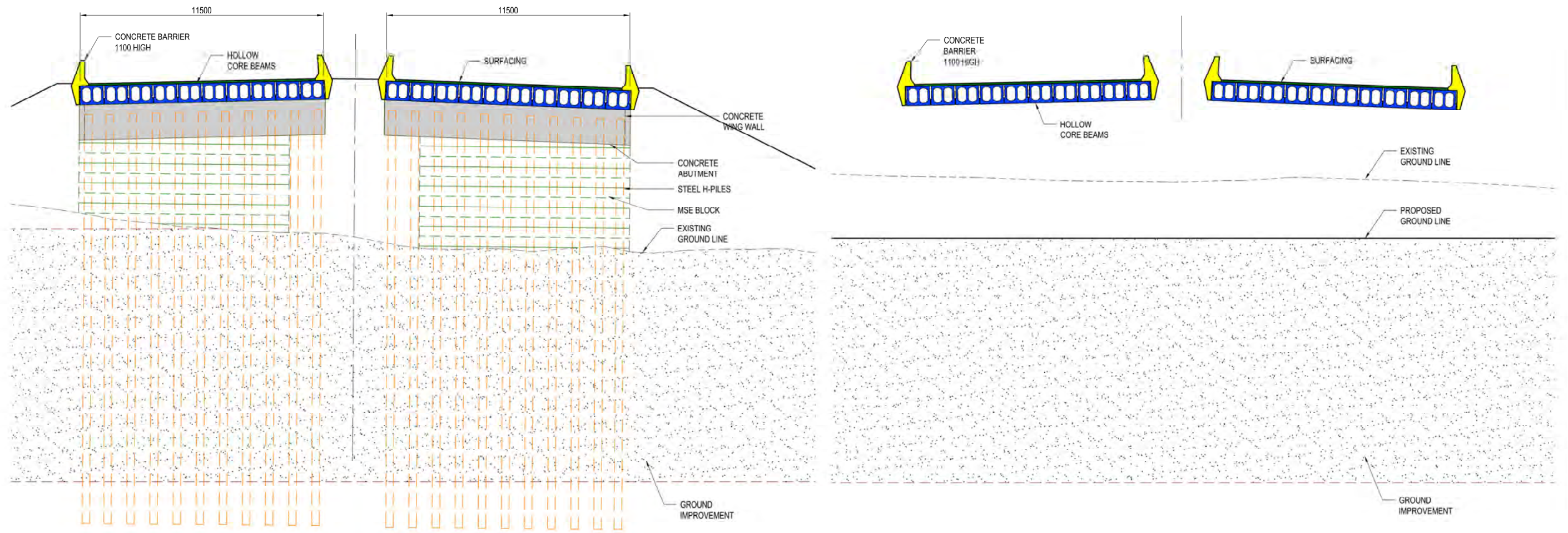
Date: FOR CONSENTING

Document ID: M2PP-AEE-GWG

Drawing No: **ST-BR-350**

Rev: 1





**2 SECTION**  
350 1:200

**3 SECTION**  
350 1:200



**3D VIEW OF BRIDGE**  
NTS

NOTES:

Original Scale (A3)  
As Shown

|           |               |           |          |
|-----------|---------------|-----------|----------|
| 1         | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision: | Amendment     | Approved: | Date:    |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

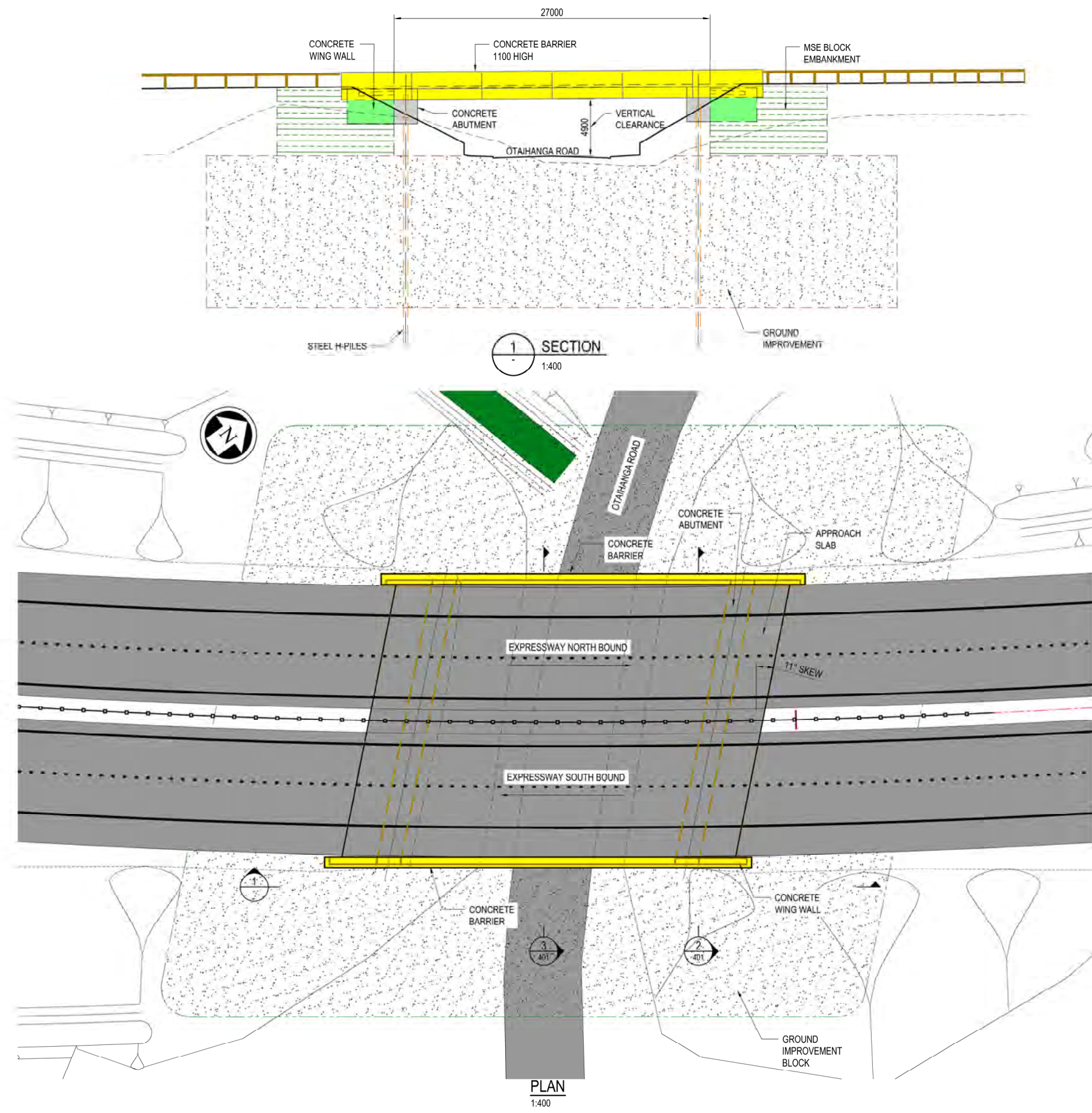
For: **MZENGARIB ROAD UNDERBRIDGE SECTIONS**

FOR CONSENTING

Document ID: M2PP-AEE-GWG Rev: 1

ST-BR-351





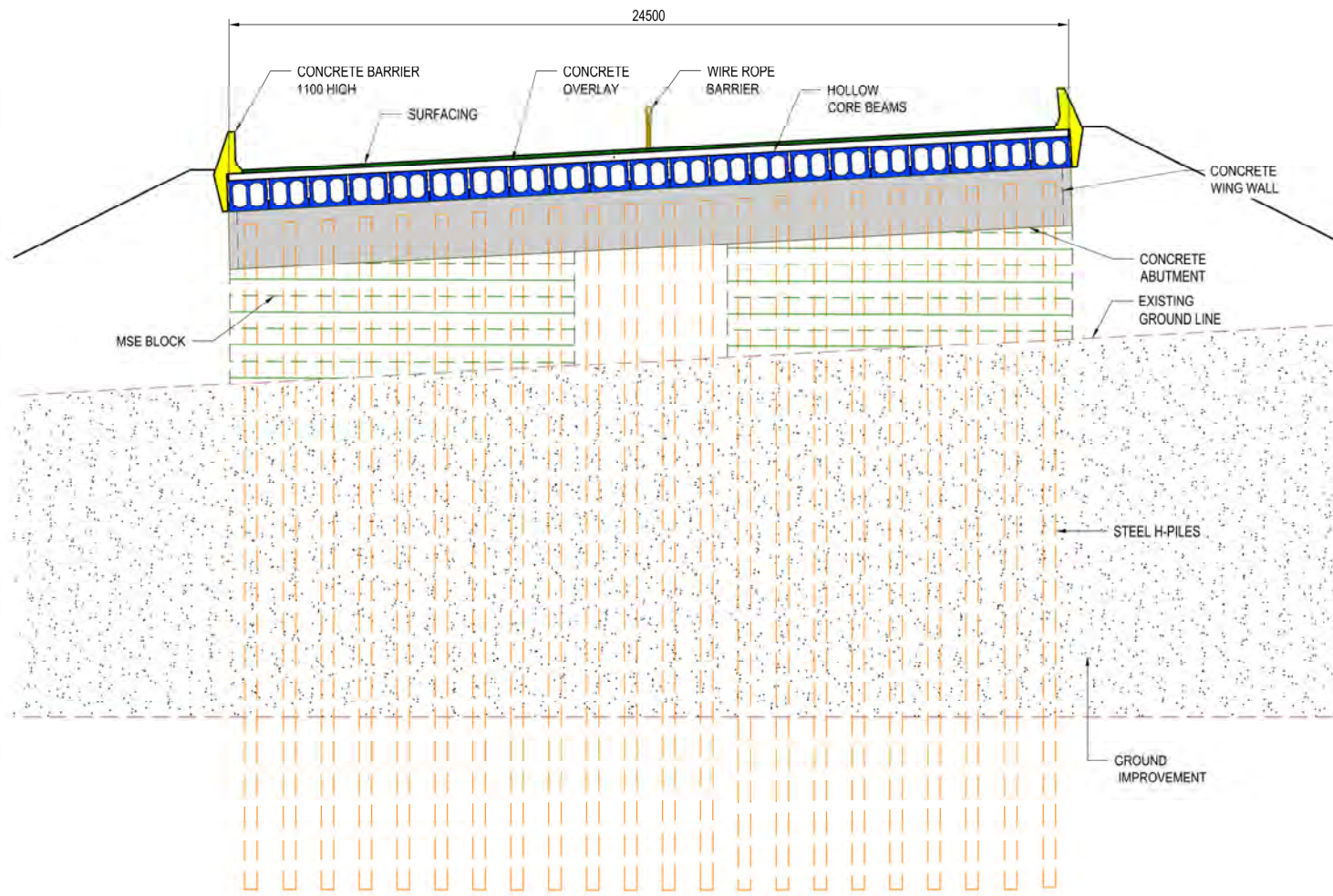
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| 1                   | AEE LODGEMENT | NRN      | 15.03.12 |
| Revision            | Amendment     | Approved | Date     |

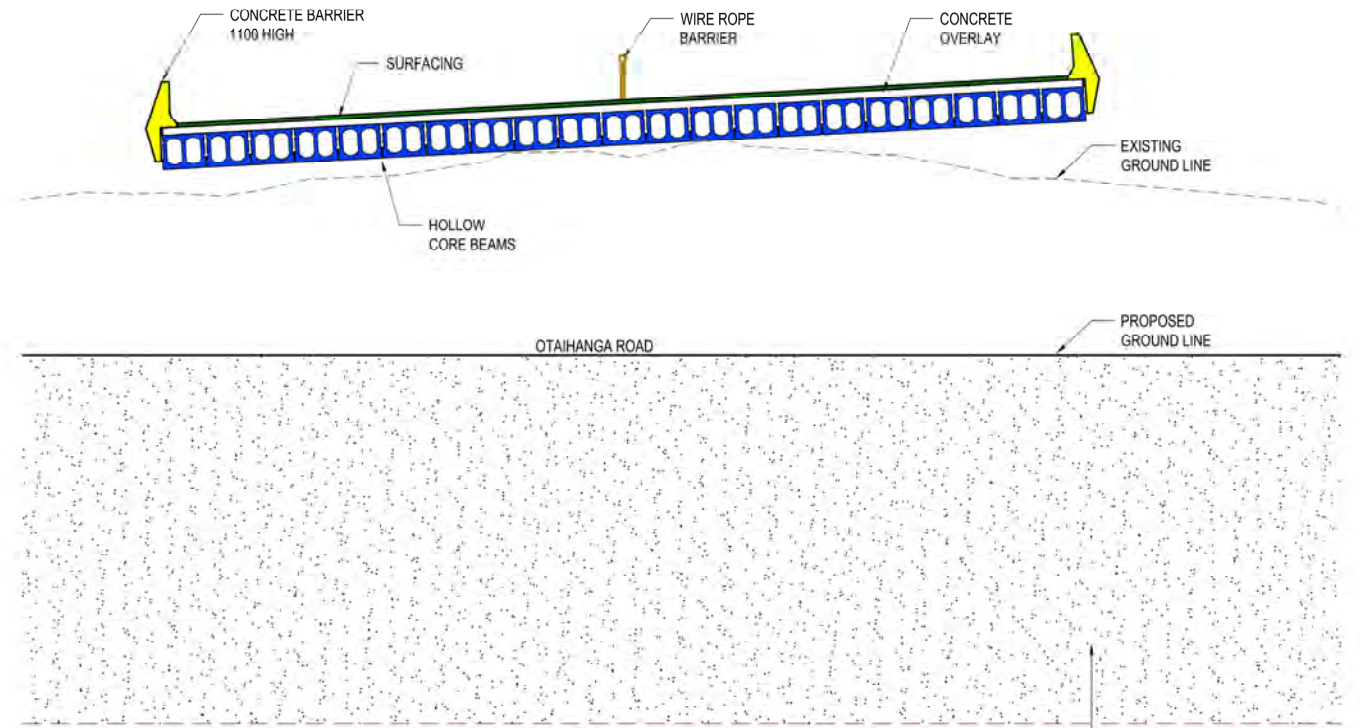


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| Project: <b>MACKAYS TO PEKA PEKA EXPRESSWAY</b>              |                              |
| Title: <b>OTAIHANGA ROAD UNDERBRIDGE GENERAL ARRANGEMENT</b> |                              |
| Status: FOR CONSENTING                                       | Rev: 1                       |
| Document ID: M2PP-AEE-GWG                                    | Drawing No: <b>ST-BR-400</b> |





2 SECTION  
400 1:200



3 SECTION  
400 1:200



3D VIEW OF BRIDGE  
NTS

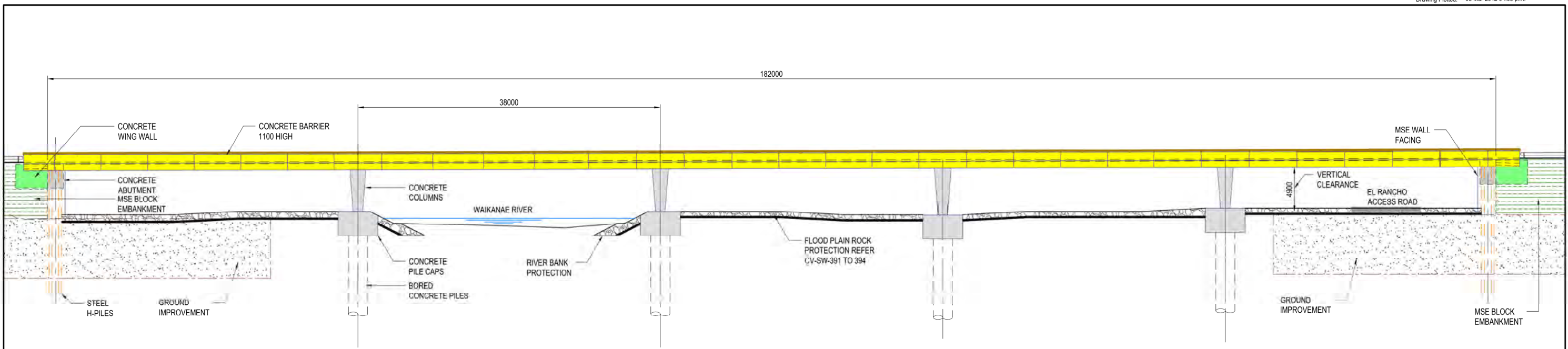
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| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision:           | Amendment     | Approved: | Date:    |

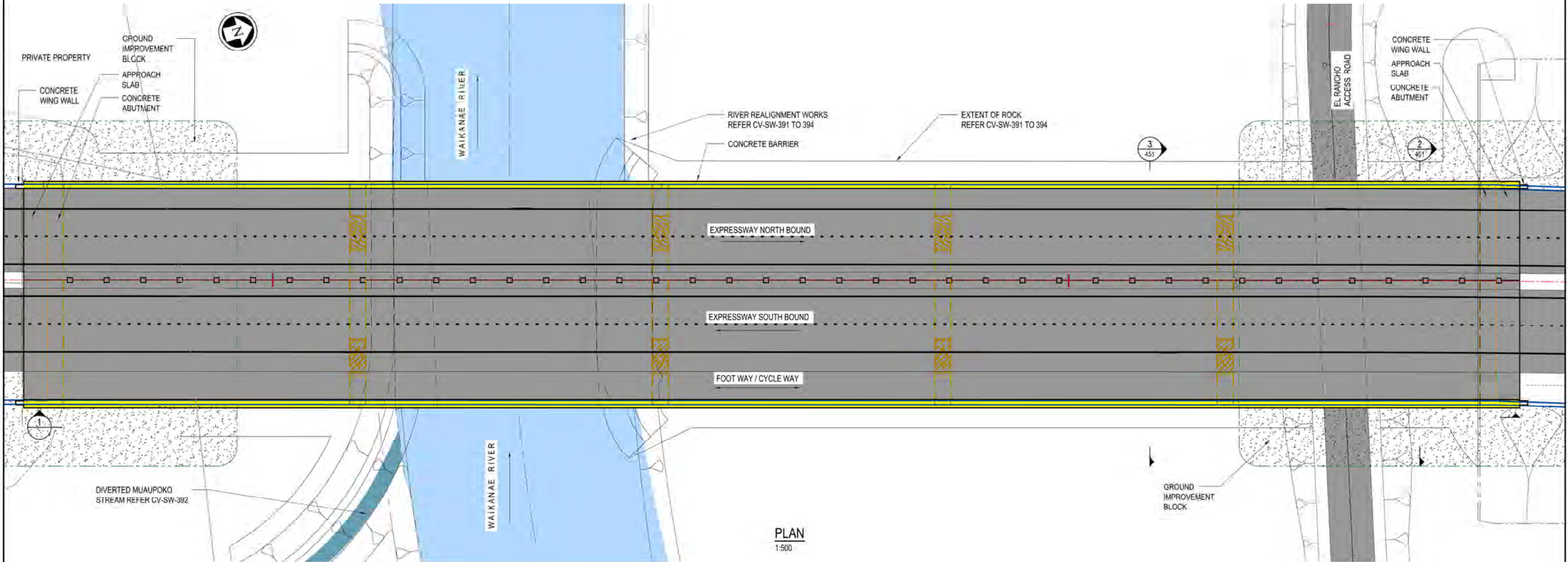


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| Project:     | MACKAYS TO PEKA PEKA EXPRESSWAY              |      |   |
| Title:       | OTAIHANGA ROAD UNDERBRIDGE SECTIONS, 3D VIEW |      |   |
| Date:        | FOR CONSENTING                               | By:  |   |
| Document ID: | M2PP-AEE-GWG                                 | Rev: | 1 |
| Drawing No:  | ST-BR-401                                    |      |   |





1 SECTION  
1:500



PLAN  
1:500

NOTES:

|                     |               |          |          |
|---------------------|---------------|----------|----------|
| Original Scale (A3) |               |          |          |
| As Shown            |               |          |          |
| 1                   | AEE LODGEMENT | NRN      | 15.03.12 |
| Revision            | Amendment     | Approved | Date     |



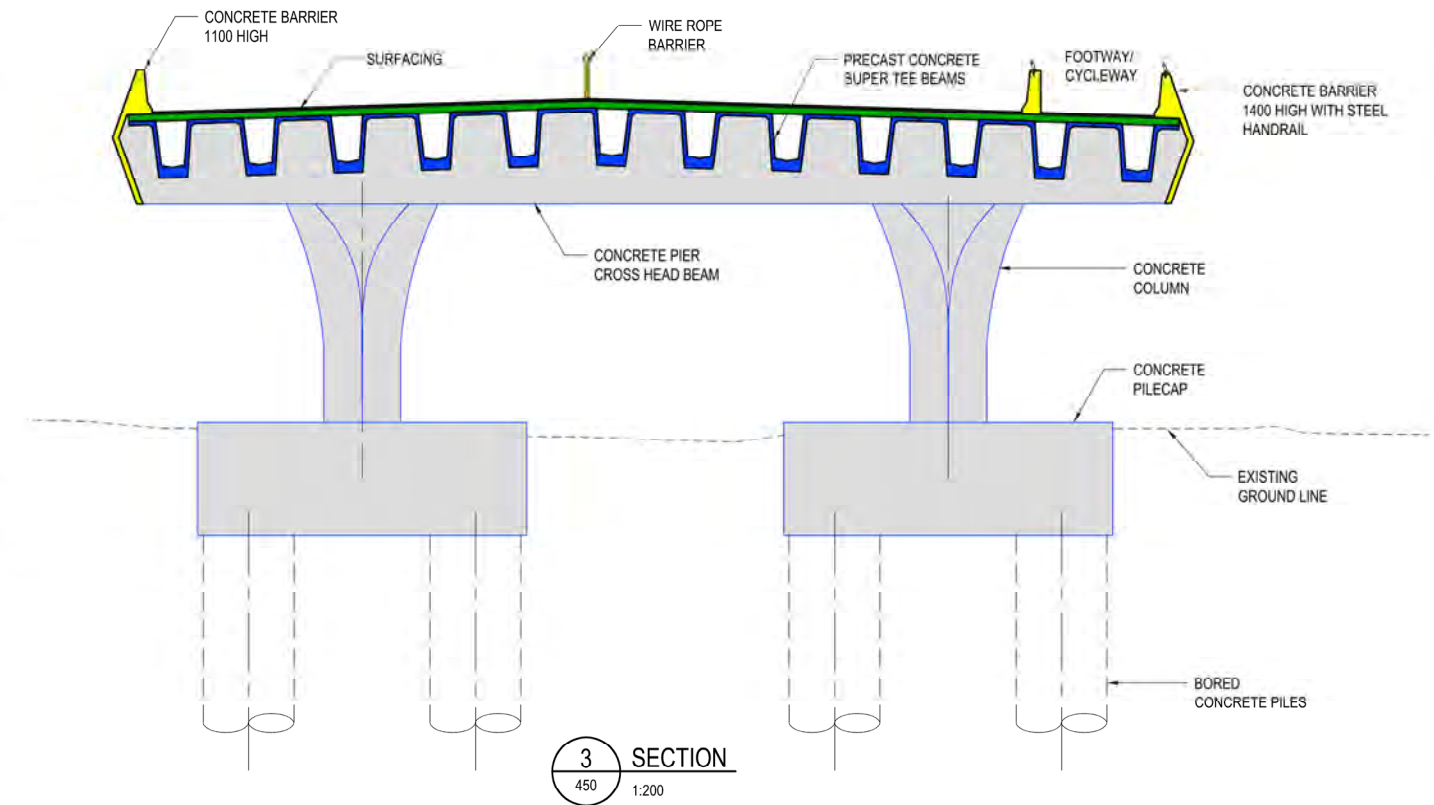
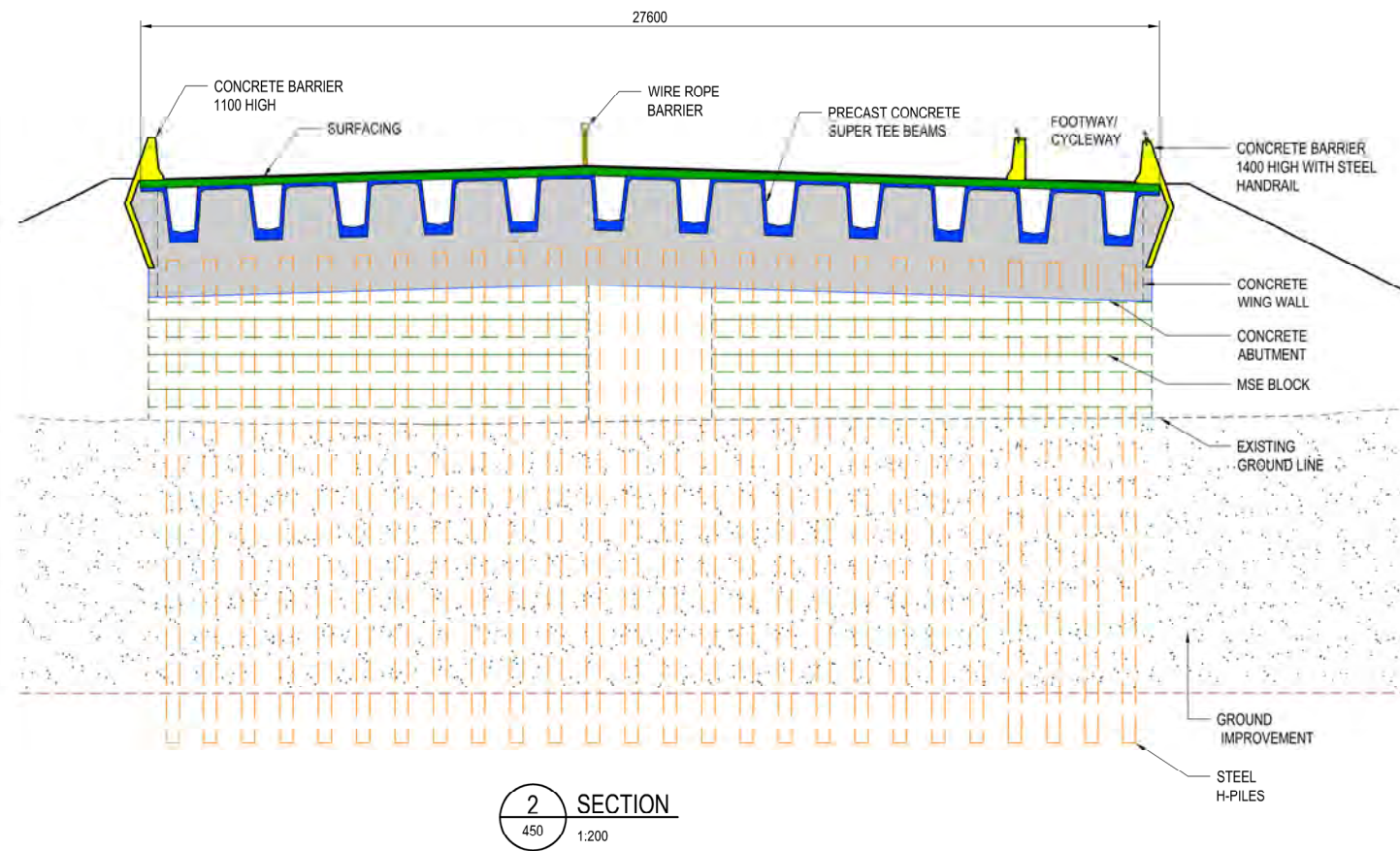
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Waikanae River Bridge  
GENERAL ARRANGEMENT

FOR CONSENTING

Document ID: M2PP-AEE-6WG  
Drawing No: **ST-BR-450**





3D VIEW OF BRIDGE  
NTS

NOTES:

Original Scale (A3)  
As Shown

| Revision | Amendment     | NRN | Approved | Date     |
|----------|---------------|-----|----------|----------|
| 1        | AEE LODGEMENT | NRN |          | 15.03.12 |



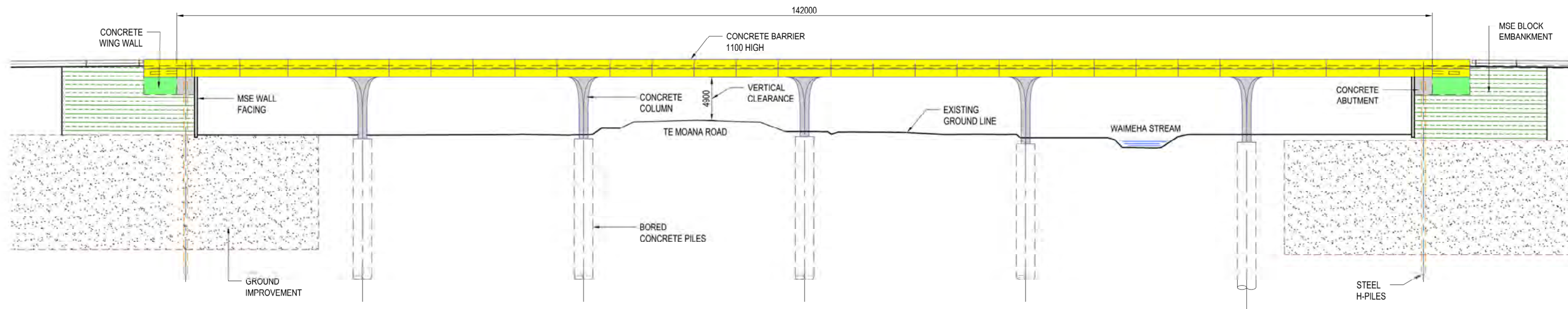
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Waikanae River Bridge  
SECTIONS, 3D VIEW

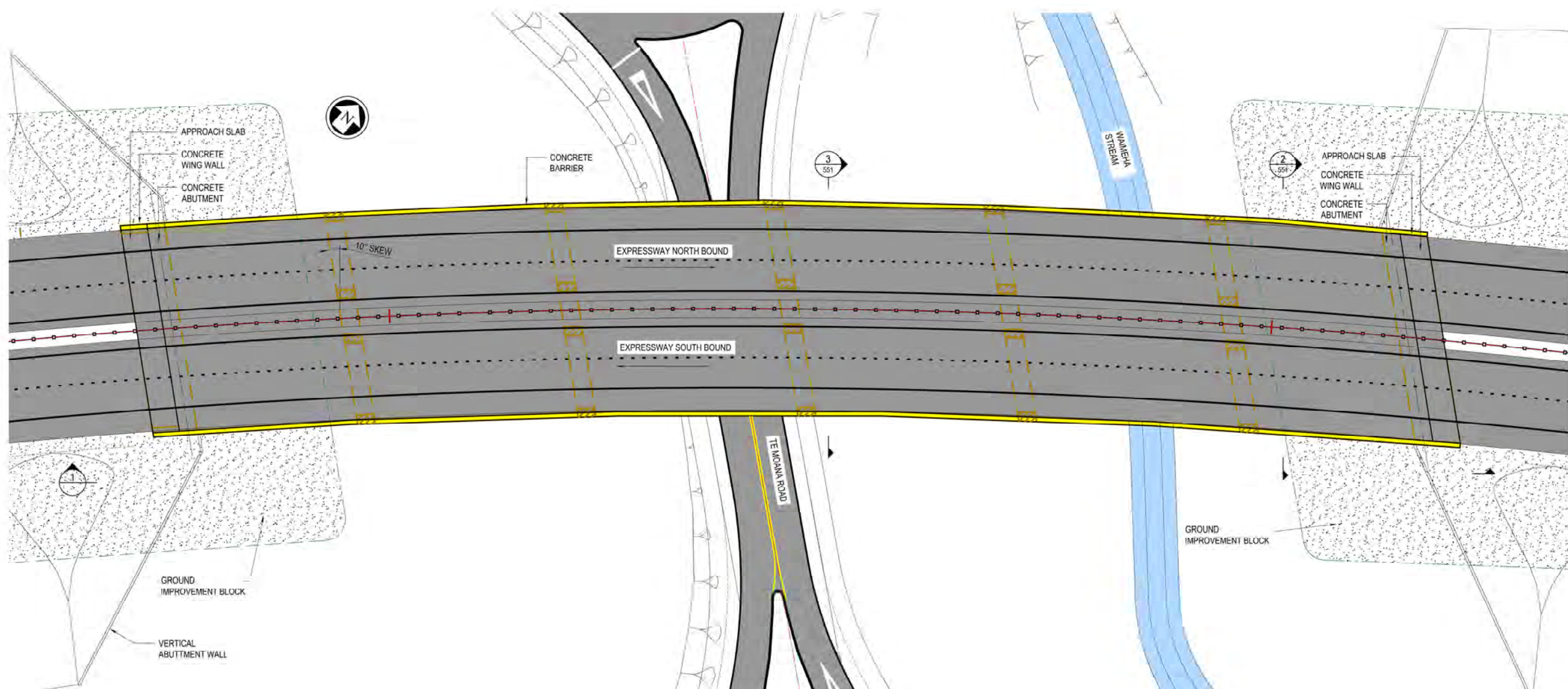
FOR CONSENTING

Document ID: M2PP-AEE-GWG  
Drawing No: **ST-BR-451**





1 SECTION  
1:500



PLAN  
1:500

NOTES:

Original Scale (A3)  
As Shown

| Revision | Amendment     | NRN | Approved | Date     |
|----------|---------------|-----|----------|----------|
| 1        | AEE LODGEMENT |     |          | 15.03.12 |

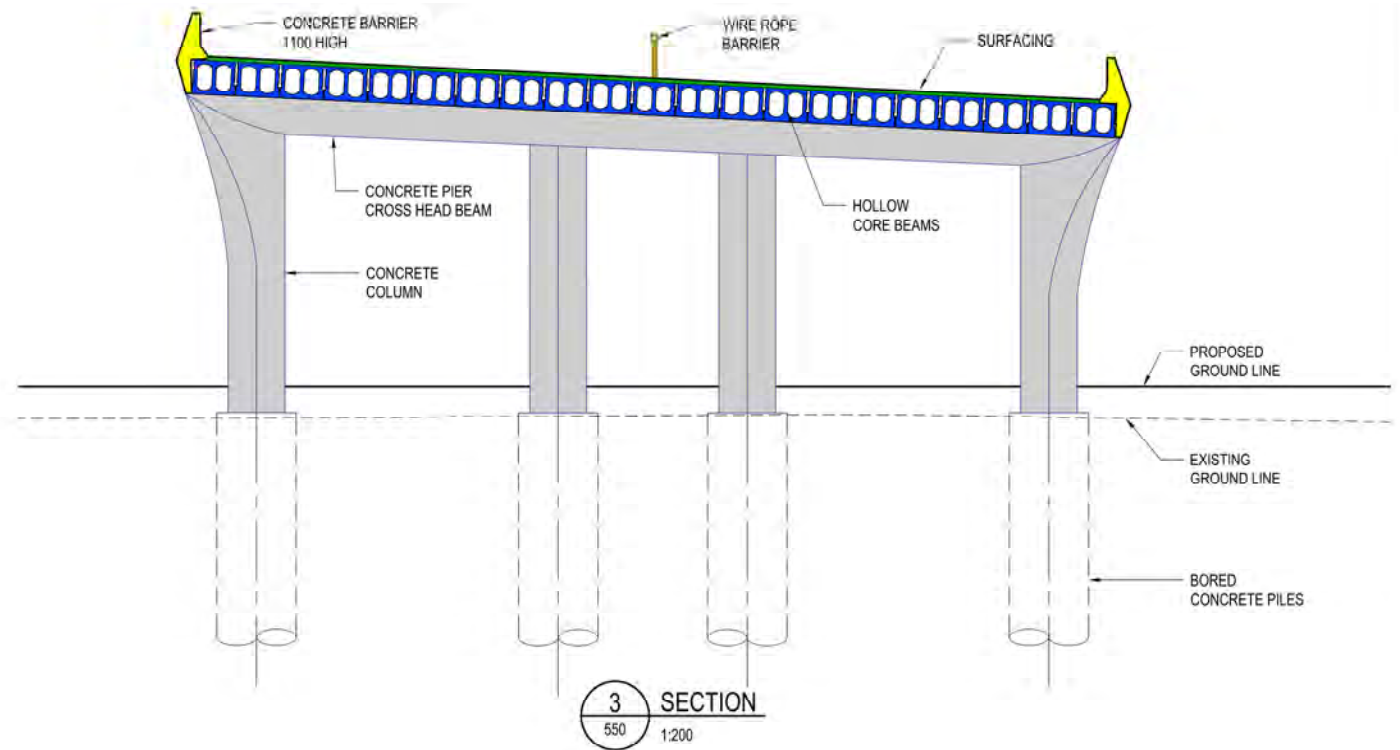
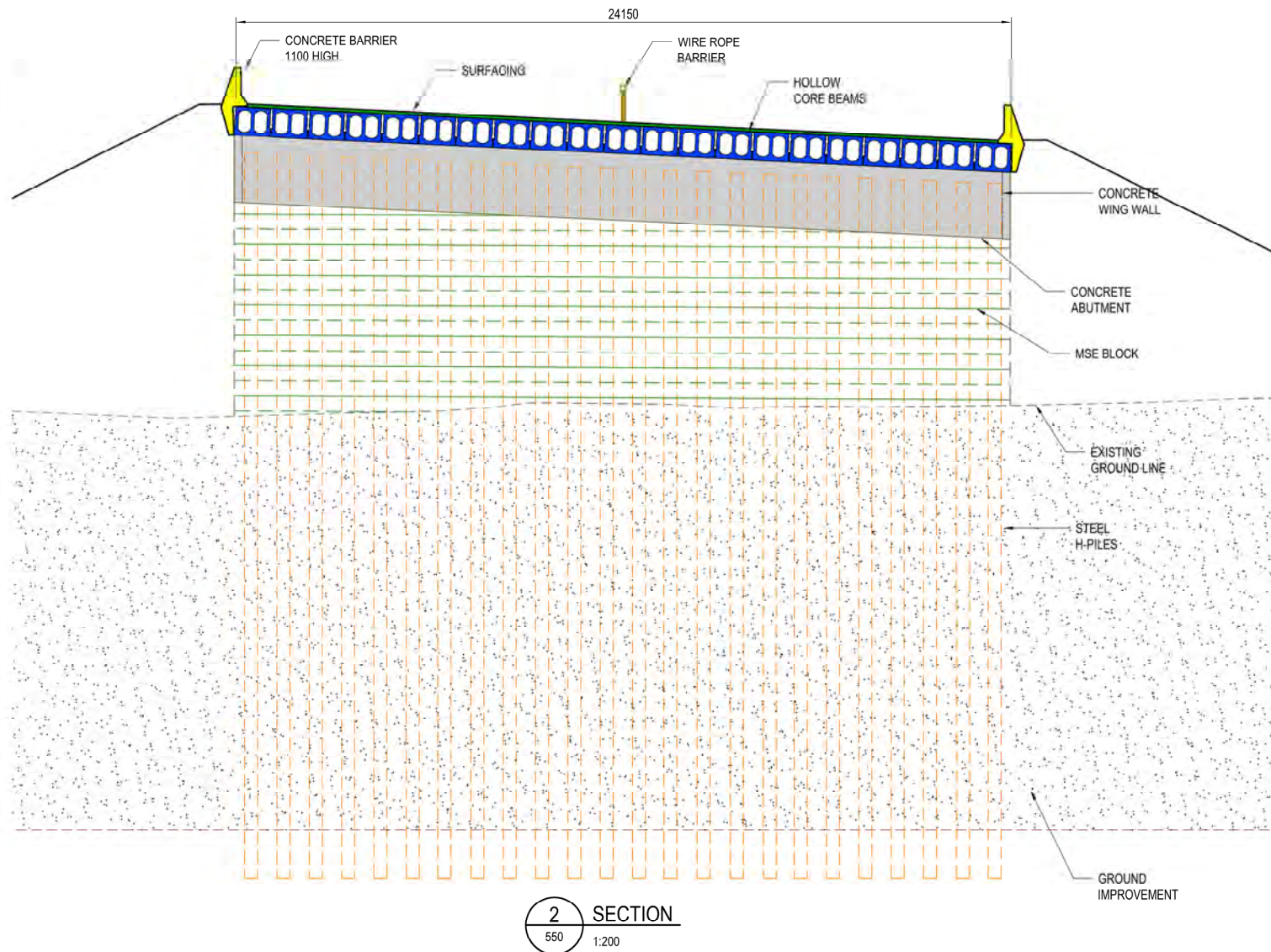


Project: MACKAYS TO PEKA PEKA EXPRESSWAY

TE MOANA ROAD INTERCHANGE UNDERBRIDGE GENERAL ARRANGEMENT

FOR CONSENTING  
Document ID: M2PP-AEE-GWG  
Drawing No: ST-BR-550





3D VIEW OF BRIDGE  
NTS

NOTES:

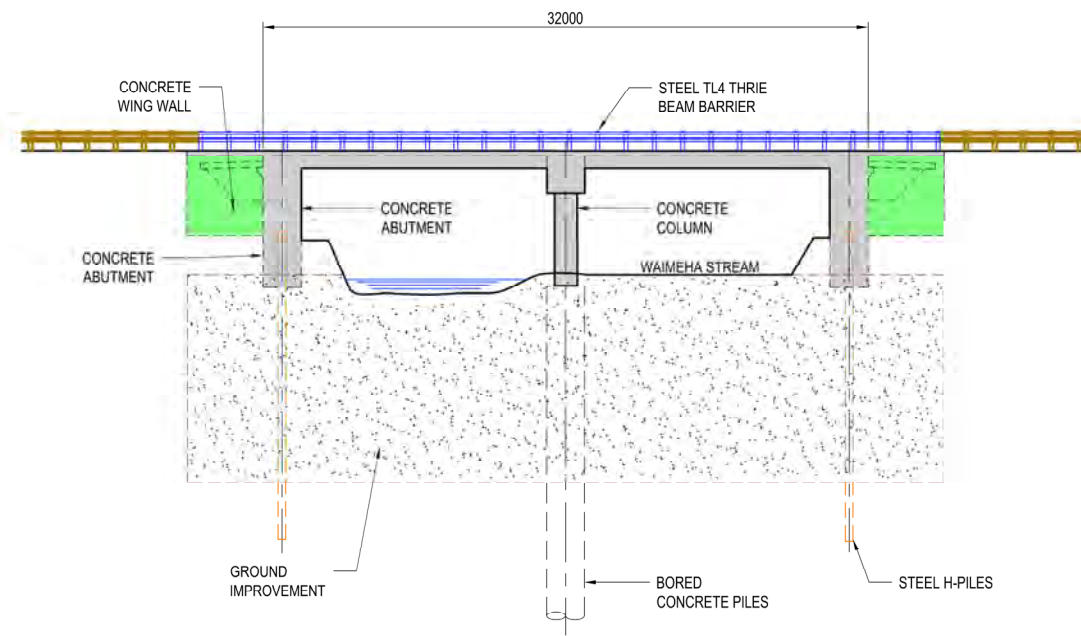
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| As Shown            |

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| 1         | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision: | Amendment     | Approved: | Date:    |

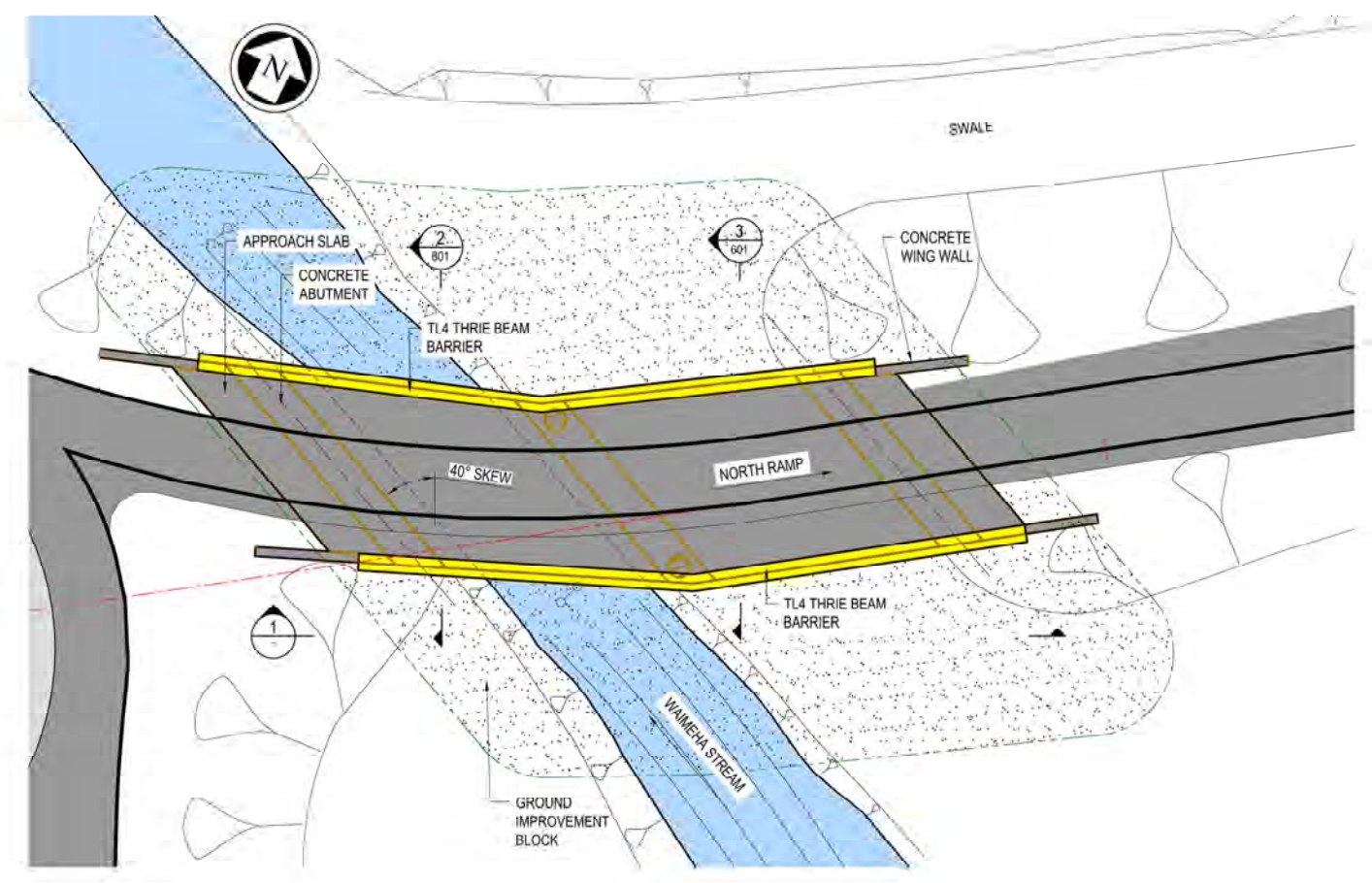


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|---|-----------|
| Project: MACKAYS TO PEKA PEKA EXPRESSWAY                |           |
| TE MOANA ROAD INTERCHANGE UNDERBRIDGE SECTIONS, 3D VIEW |           |
| FOR CONSENTING  | Rev. 1    |
| Document ID: M2PP-AEE-GWG                               | ST-BR-551 |





1 SECTION  
1:400



PLAN  
1:400

NOTES:

|                     |               |           |          |
|---------------------|---------------|-----------|----------|
| Original Scale (A3) |               |           |          |
| As Shown            |               |           |          |
| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision:           | Amendment     | Approved: | Date:    |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

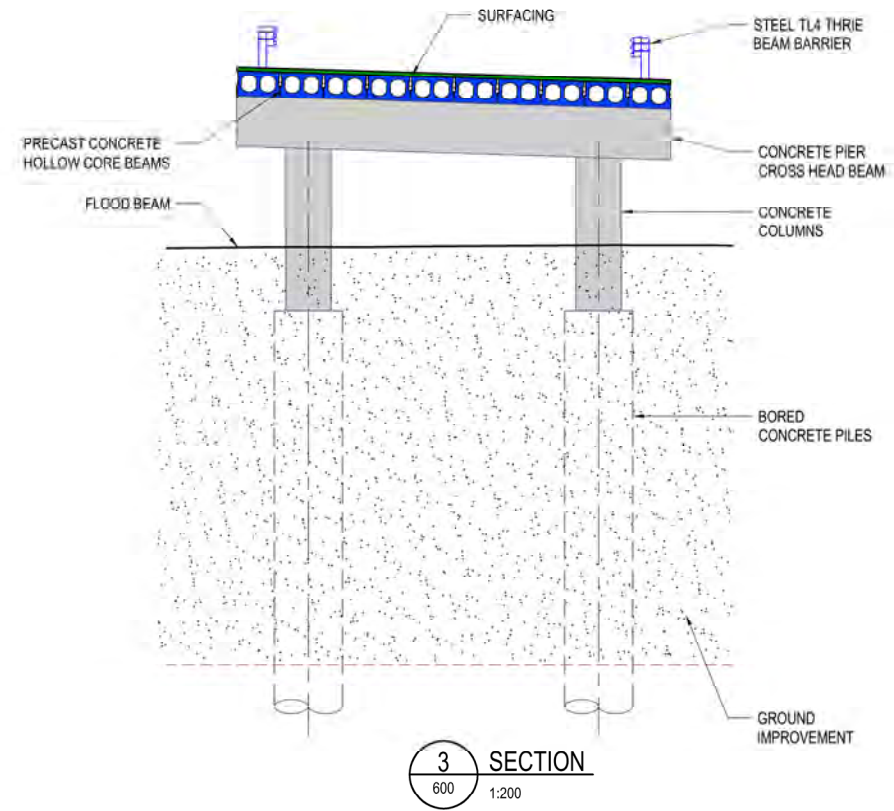
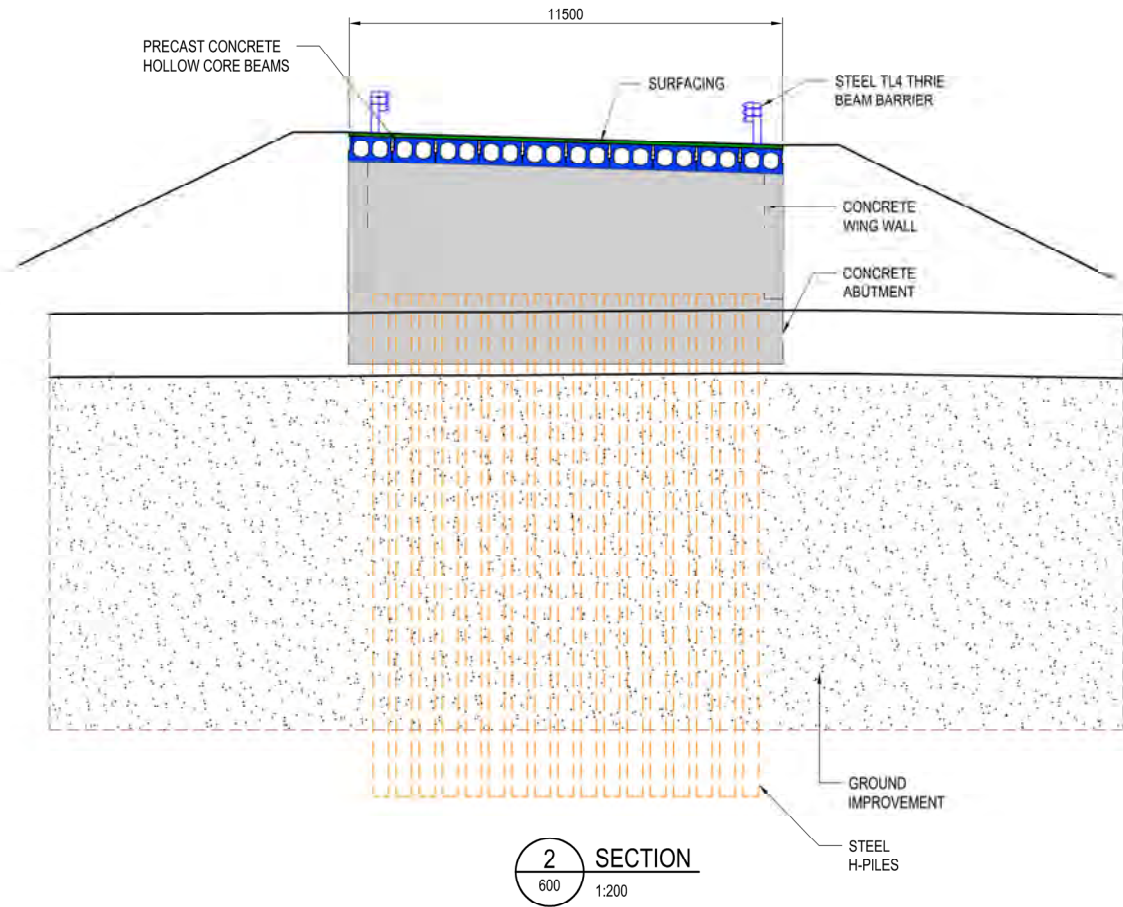
Title: **TE MOANA ROAD NORTH ON-RAMP BRIDGE GENERAL ARRANGEMENT**

FOR CONSENTING

Document ID: M2PP-AEE-GWG Rev: 1

Drawing No: **ST-BR-600**





NOTES:

Original Scale (A3)  
As Shown

| Revision | Amendment     | NRN | Approved | Date     |
|----------|---------------|-----|----------|----------|
| 1        | AEE LODGEMENT | NRN |          | 15.03.12 |



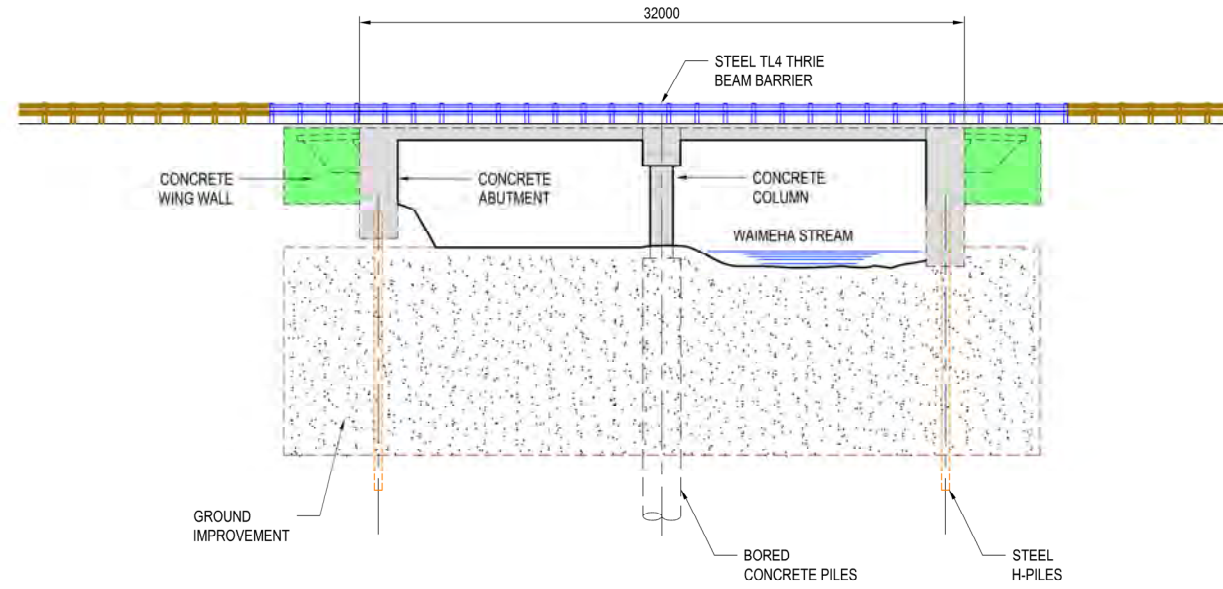
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

TE MOANA ROAD  
NORTH ON-RAMP BRIDGE  
SECTIONS

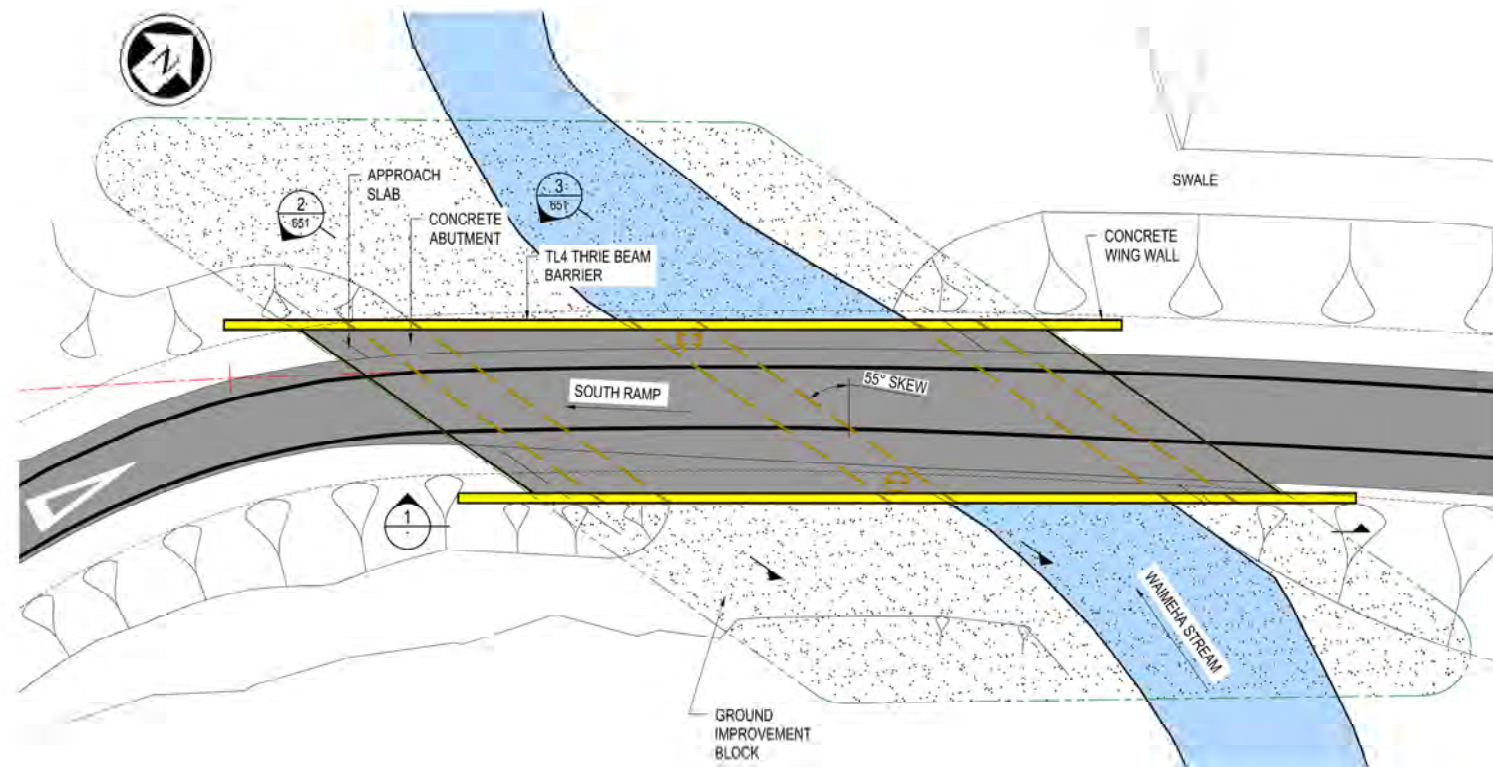
FOR CONSENTING

Document ID: M2PP-AEE-GWG  
Drawing No: **ST-BR-601**





1 SECTION  
1:400



PLAN  
1:400

NOTES:

|                     |               |           |          |
|---------------------|---------------|-----------|----------|
| Original Scale (A3) |               |           |          |
| As Shown            |               |           |          |
| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision:           | Amendment     | Approved: | Date:    |



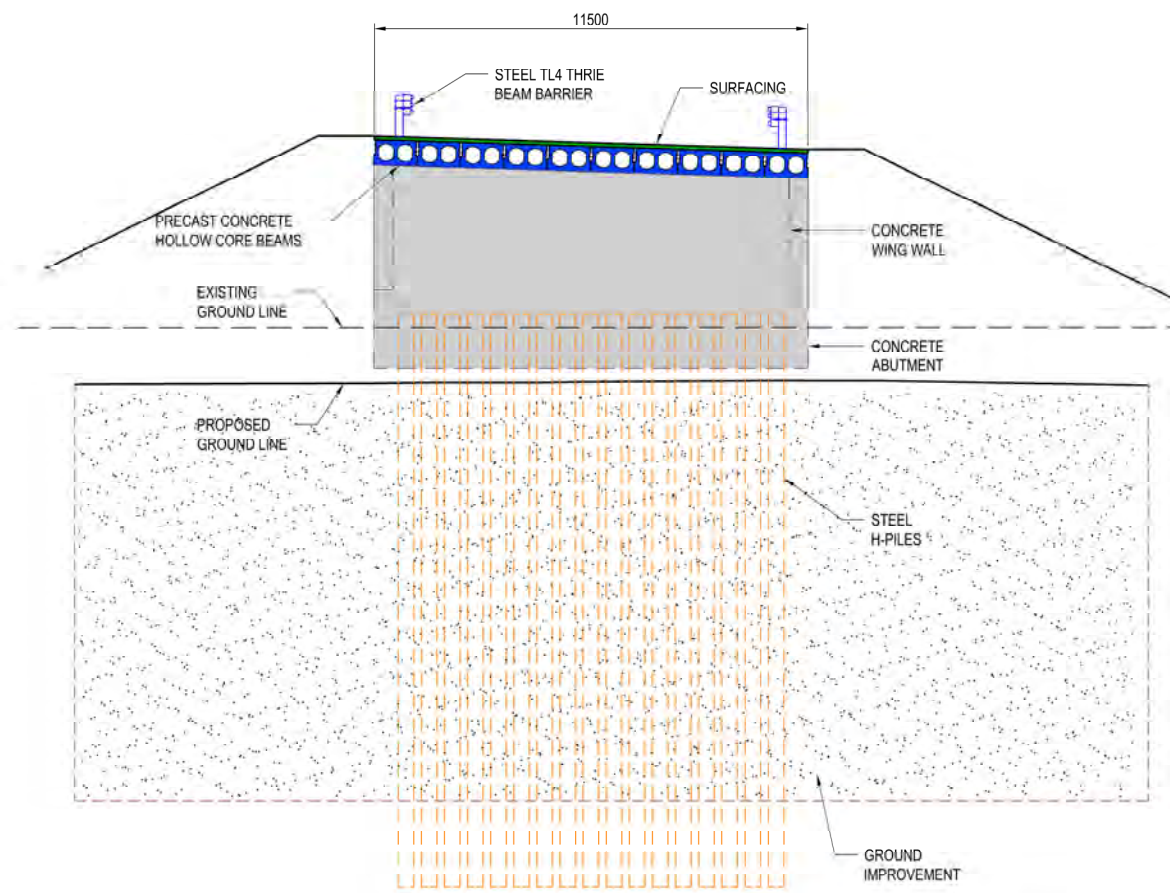
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

TE MOANA ROAD  
SOUTH OFF-RAMP BRIDGE  
GENERAL ARRANGEMENT

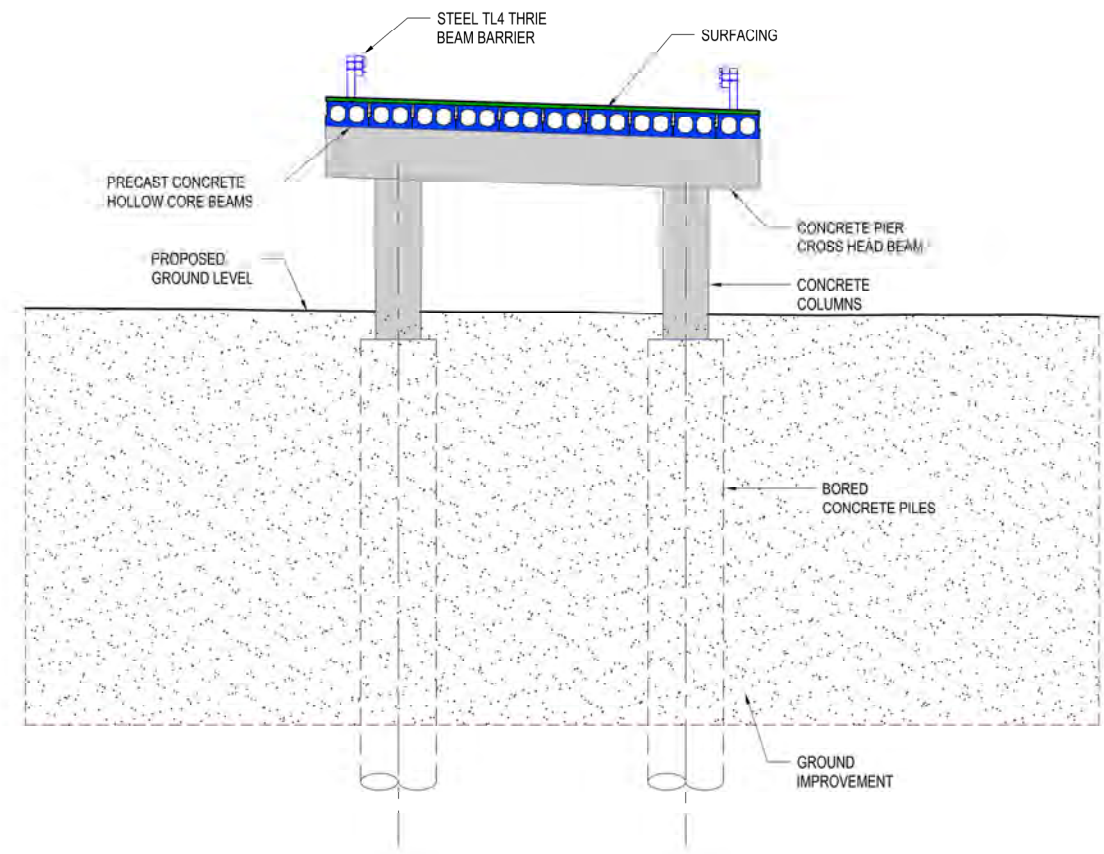
FOR CONSENTING

Document ID: M2PP-AEE-GWG  
Drawing No: **ST-BR-650**





2 SECTION  
650 1:200



3 SECTION  
650 1:200

NOTES:

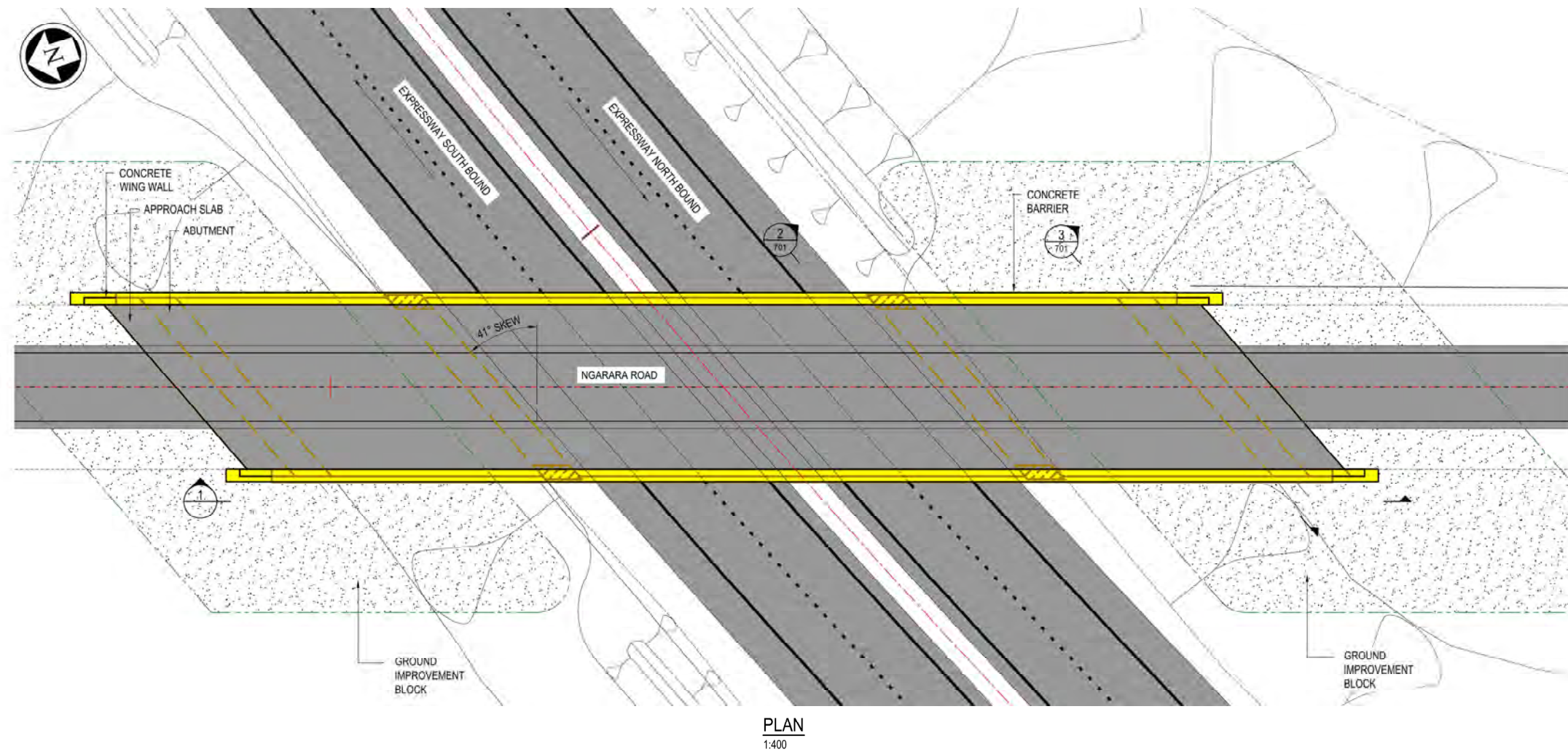
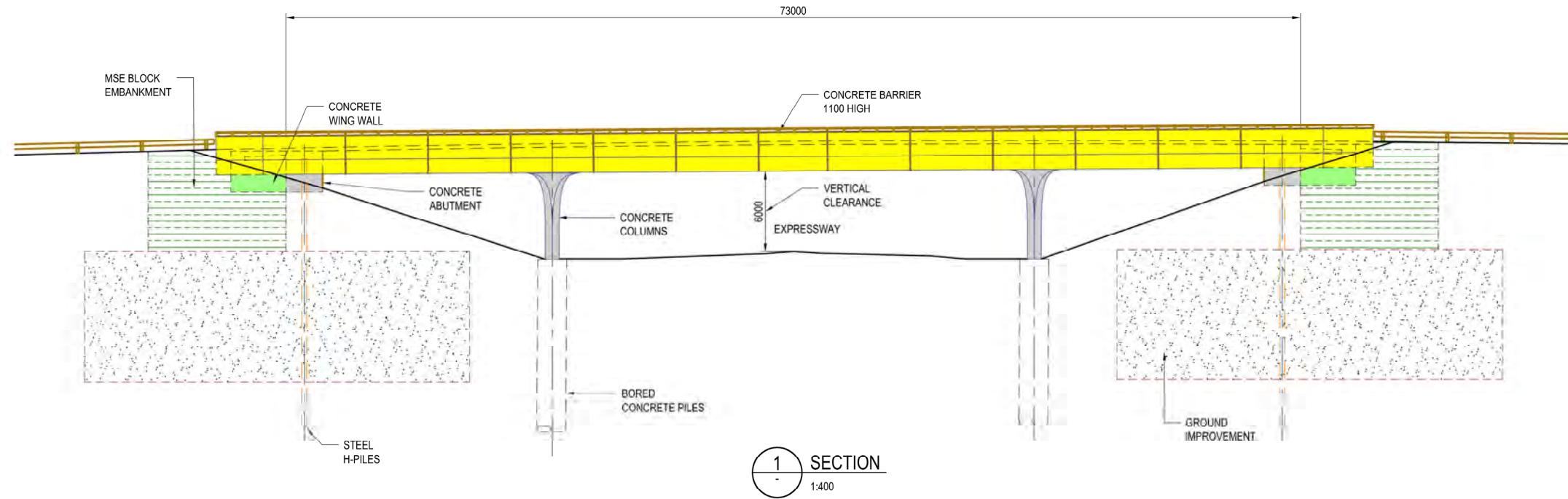
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| As Shown            |  |

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| 1        | AEE LODGEMENT | NRN      | 15.03.12 |
| Revision | Amendment     | Approved | Date     |



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| Project: MACKAYS TO PEKA PEKA EXPRESSWAY     |           |
| TE MOANA ROAD SOUTH OFF-RAMP BRIDGE SECTIONS |           |
| Date: FOR CONSENTING                         | Rev: 1    |
| Document ID: M2PP-AEE-GWG                    | ST-BR-651 |





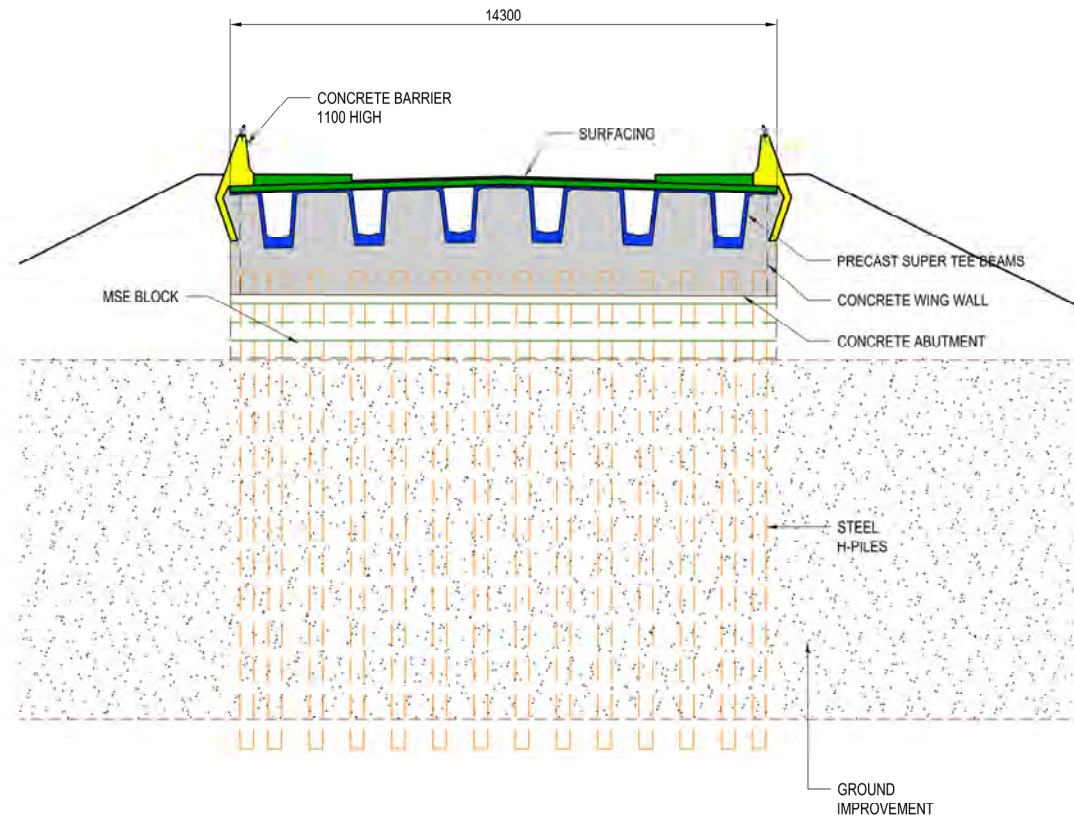
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| Original Scale (A3) |               |           |          |
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| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision:           | Amendment     | Approved: | Date:    |

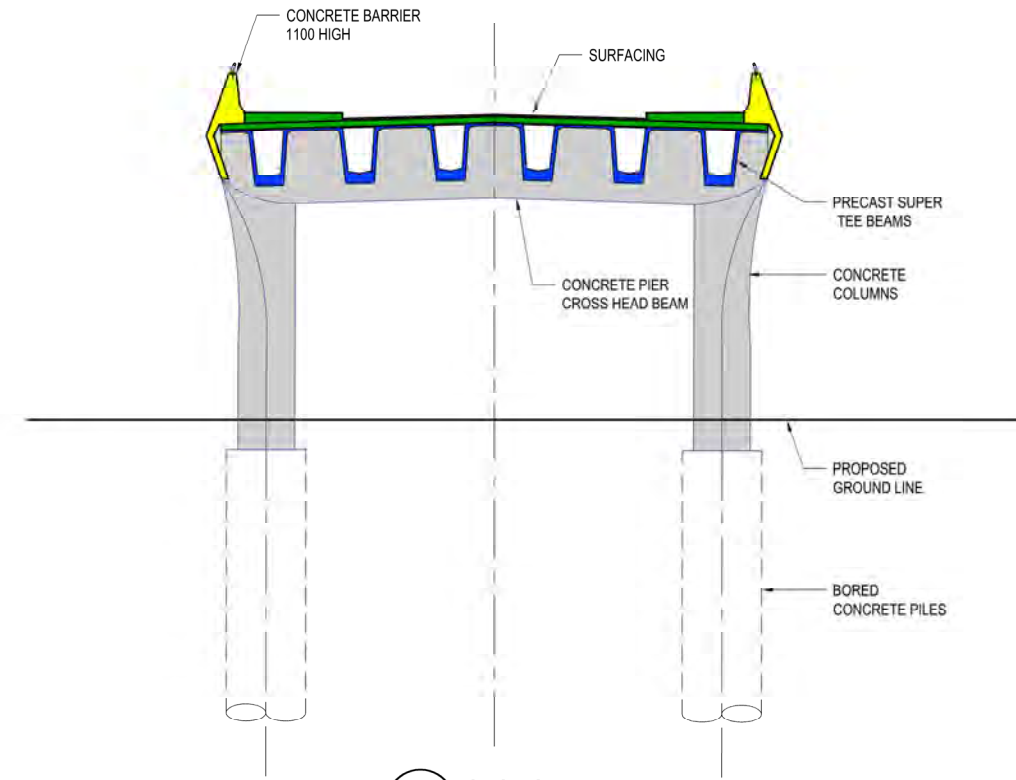


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| Project: MACKAYS TO PEKA PEKA EXPRESSWAY           |                        |
| Title: NGARARA ROAD OVERBRIDGE GENERAL ARRANGEMENT |                        |
| Date: FOR CONSENTING                               | Rev: 1                 |
| Document ID: M2PP-AEE-GWG                          | Planning No: ST-BR-700 |





**2** SECTION  
700 1:200



**3** SECTION  
700 1:200

NOTES:

|                     |
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| Original Scale (A3) |
| As Shown            |

|           |               |           |          |
|-----------|---------------|-----------|----------|
| 1         | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision: | Amendment     | Approved: | Date:    |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

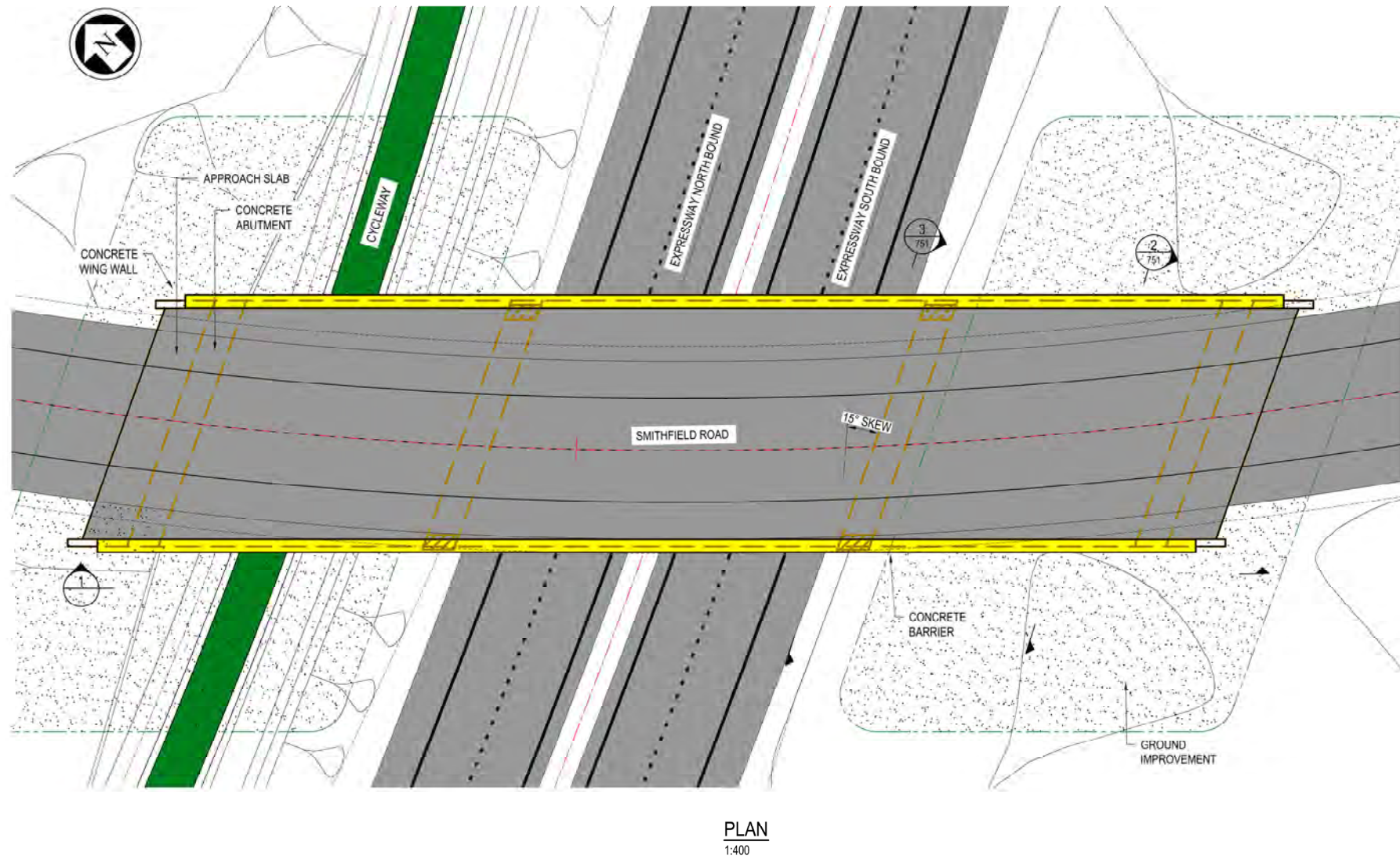
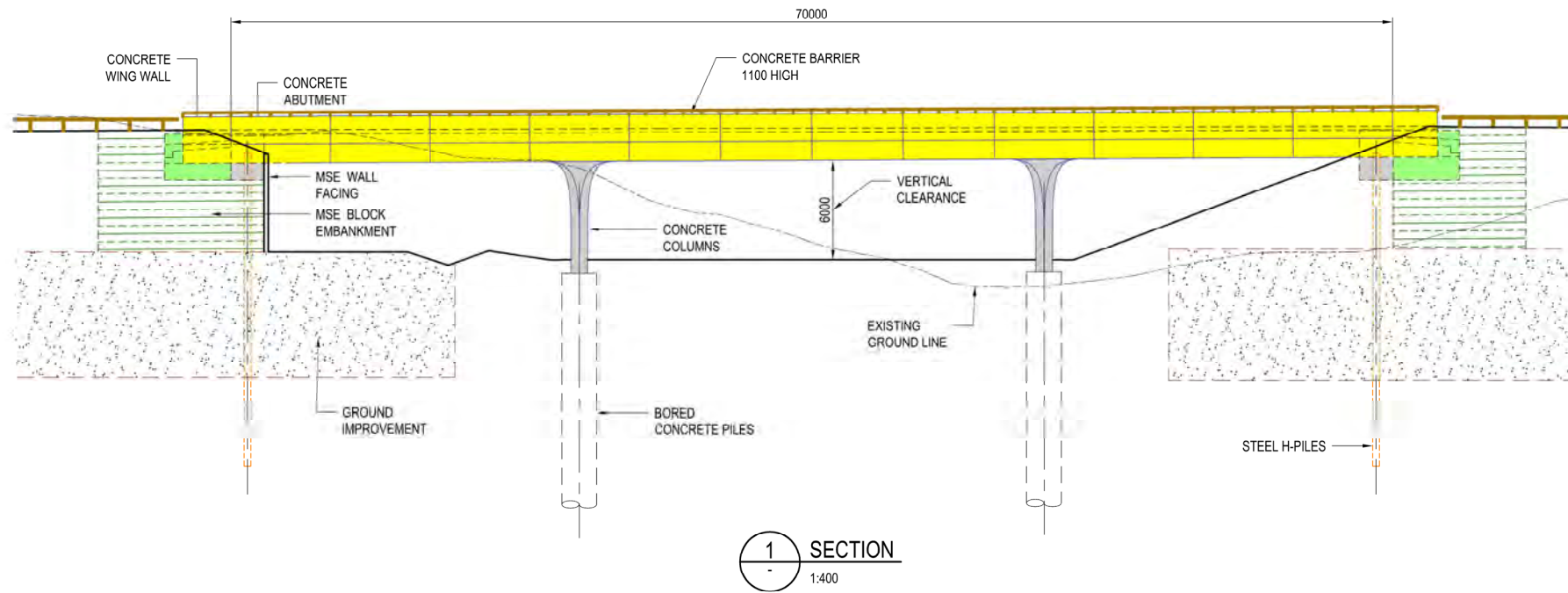
FOR CONSENTING

Document ID: M2PP-AEE-GWG

Revision No: **ST-BR-701**

NGARARA ROAD OVERBRIDGE SECTIONS





NOTES:

|                     |           |          |  |
|---------------------|-----------|----------|--|
| Original Scale (A3) |           |          |  |
| As Shown            |           |          |  |
| 1 AEE LODGEMENT     | NRN       | 15.03.12 |  |
| Revision: Amendment | Approved: | Date:    |  |

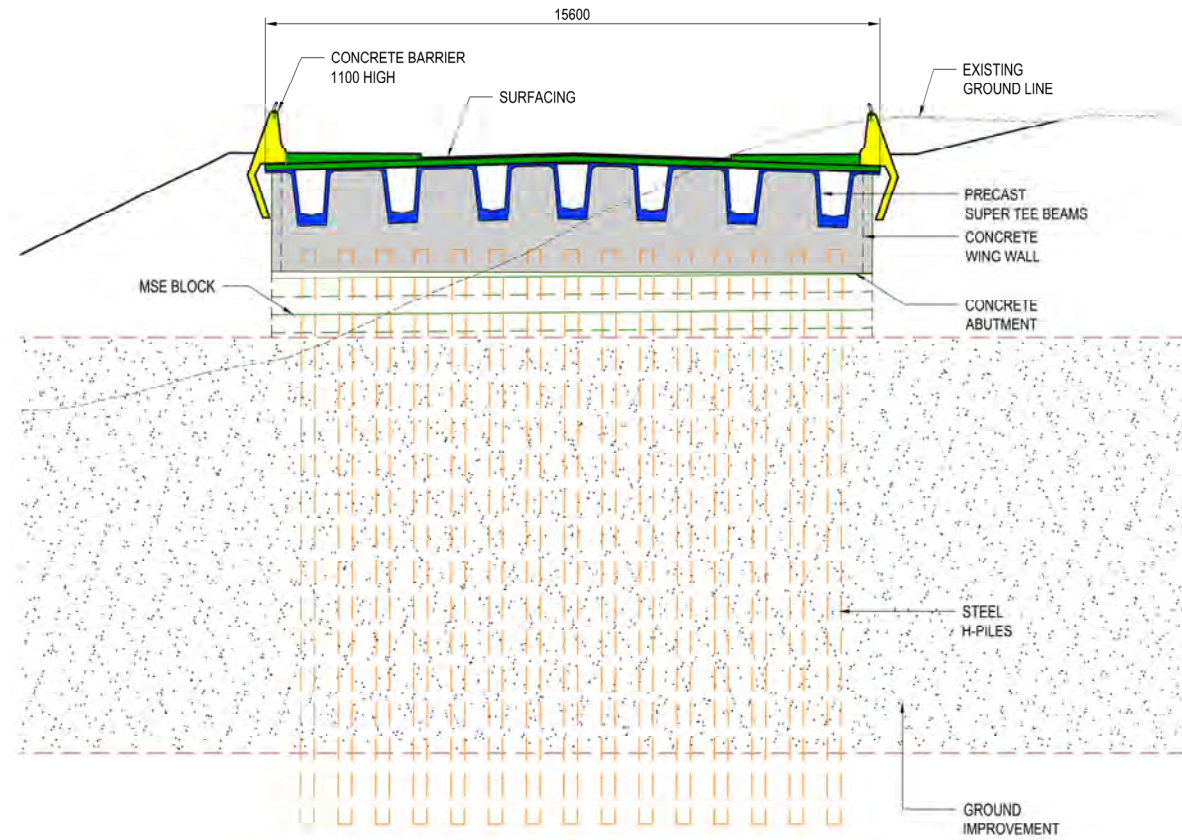


Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

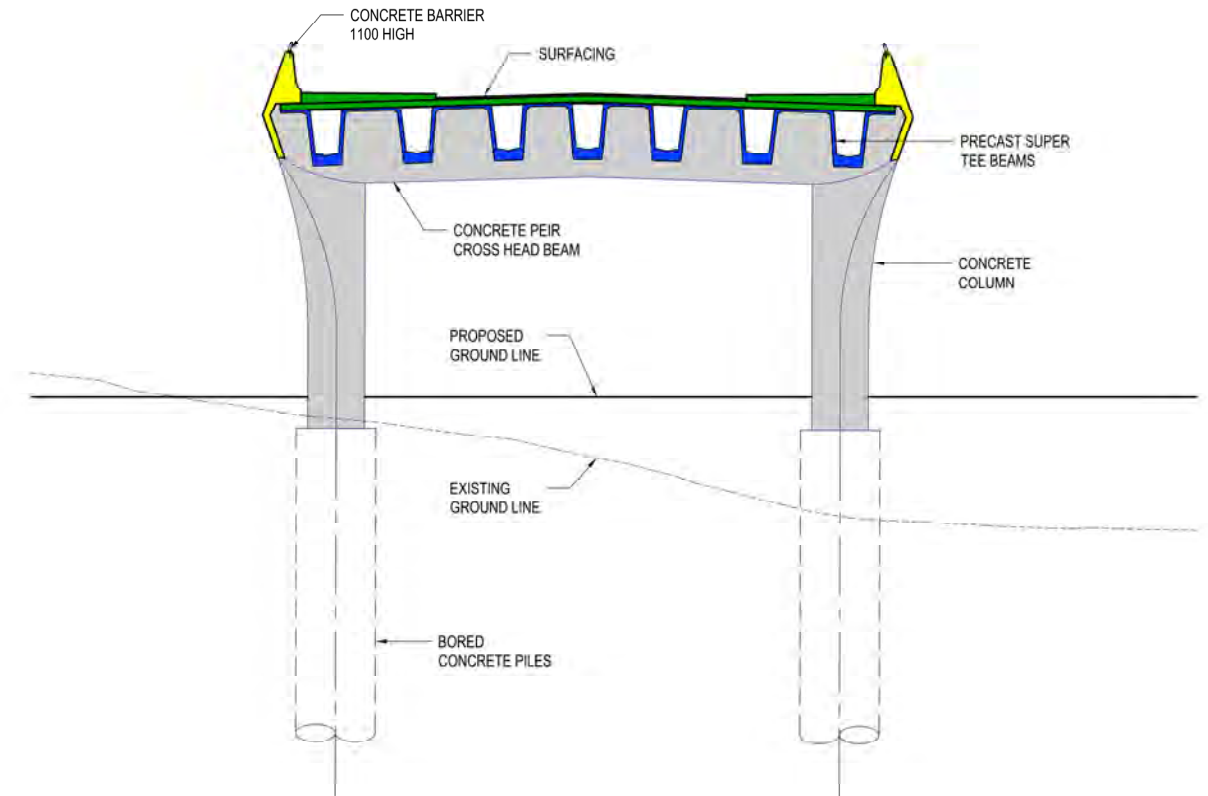
Smithfield Road Overbridge General Arrangement

|                              |        |
|------------------------------|--------|
| Date: FOR CONSENTING         | Rev: 1 |
| Document ID: M2PP-AEE-GWG    | Rev: 1 |
| Drawing No: <b>ST-BR-750</b> |        |





2 SECTION  
750 1:200



3 SECTION  
750 1:200

NOTES:

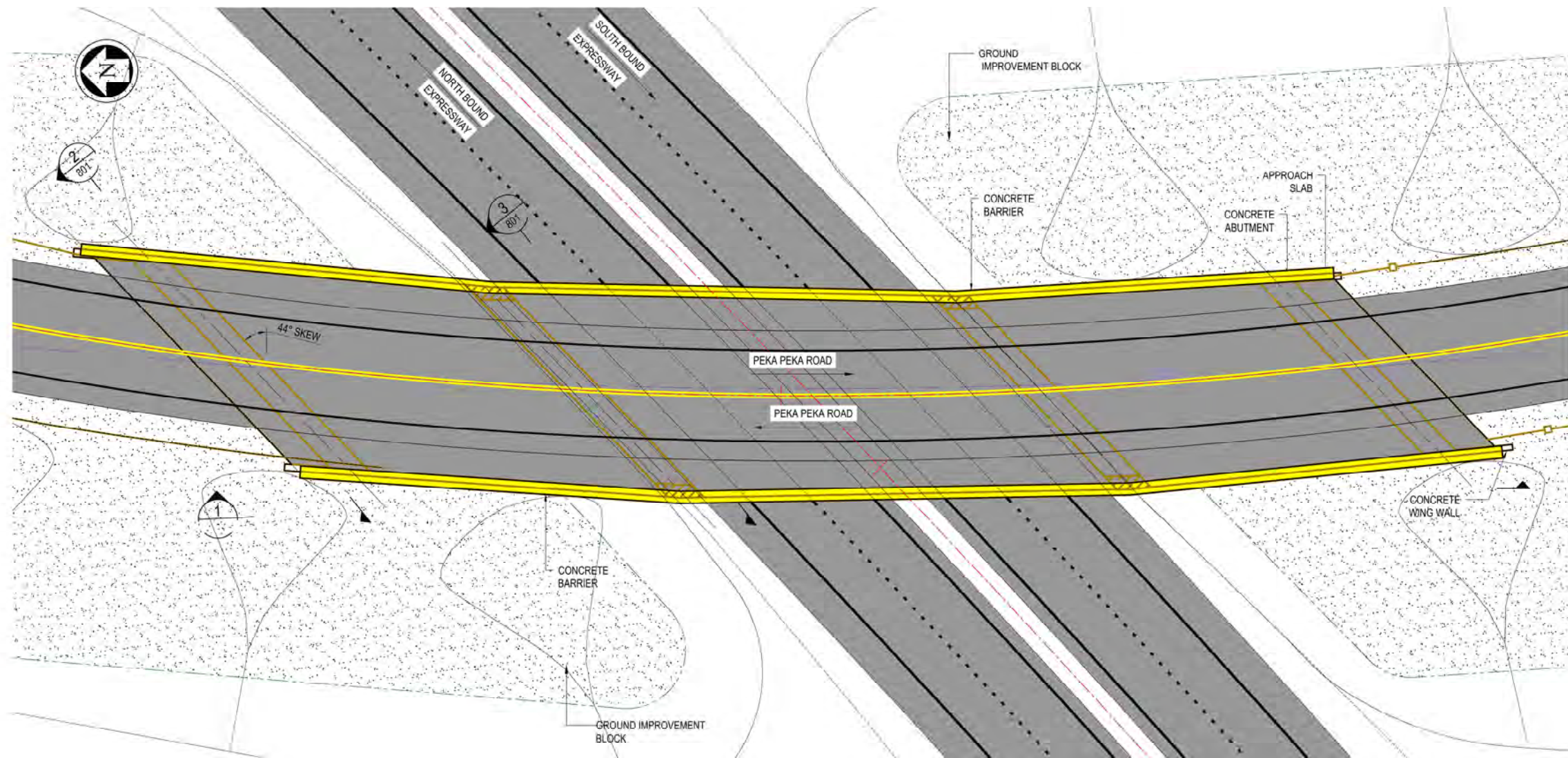
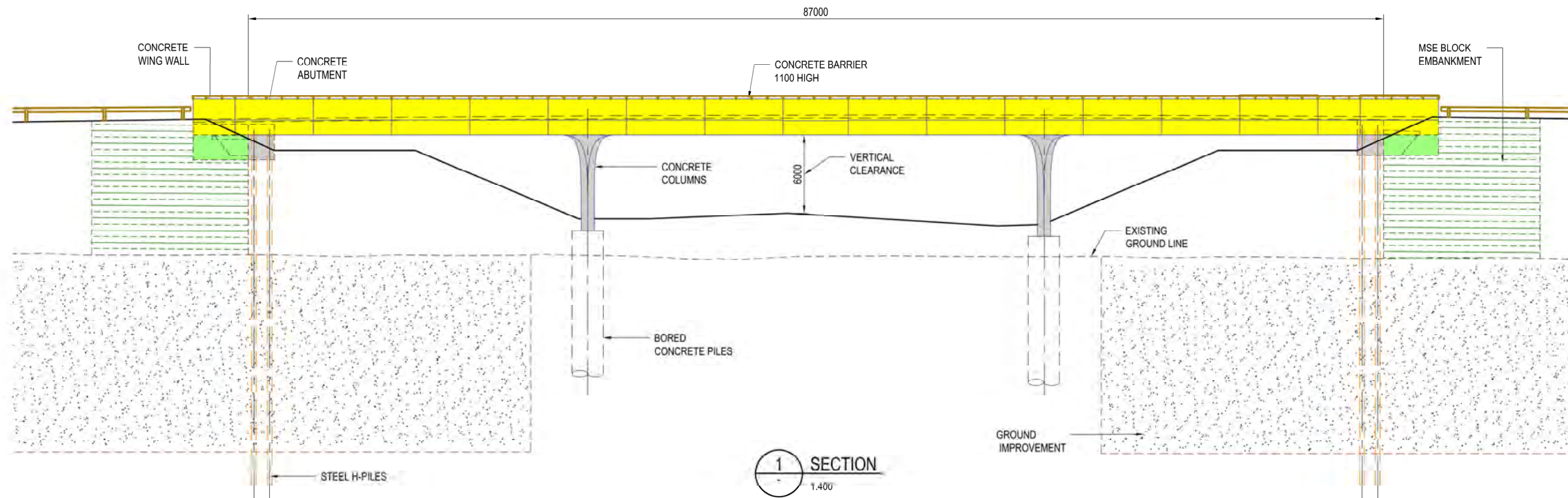
|                     |  |
|---------------------|--|
| Original Scale (A3) |  |
| As Shown            |  |

|          |               |          |          |
|----------|---------------|----------|----------|
| 1        | AEE LODGEMENT | NRN      | 15.03.12 |
| Revision | Amendment     | Approved | Date     |



|  |                       |
|--|-----------------------|
| Project: MACKAYS TO PEKA PEKA EXPRESSWAY   |                       |
| Title: SMITHFIELD ROAD OVERBRIDGE SECTIONS |                       |
| Date: FOR CONSENTING                       | Rev: 1                |
| Document ID: M2PP-AEE-GWG                  | Drawing No: ST-BR-751 |





PLAN  
1:400

NOTES:

|                     |  |
|---------------------|--|
| Original Scale (A3) |  |
| As Shown            |  |

|           |               |           |          |
|-----------|---------------|-----------|----------|
| 1         | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision: | Amendment     | Approved: | Date:    |



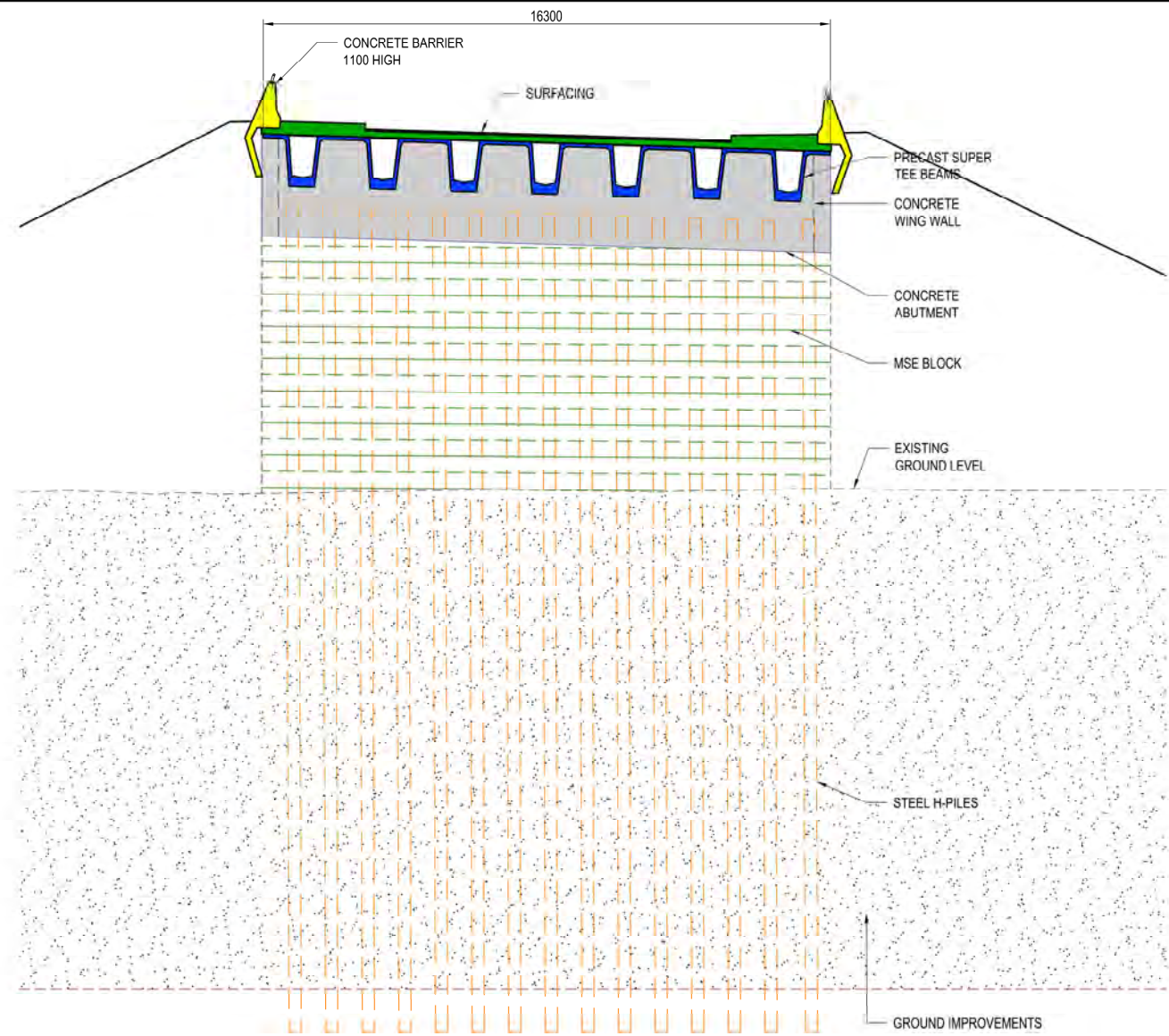
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Peke Peke Road OVERBRIDGE  
GENERAL ARRANGEMENT

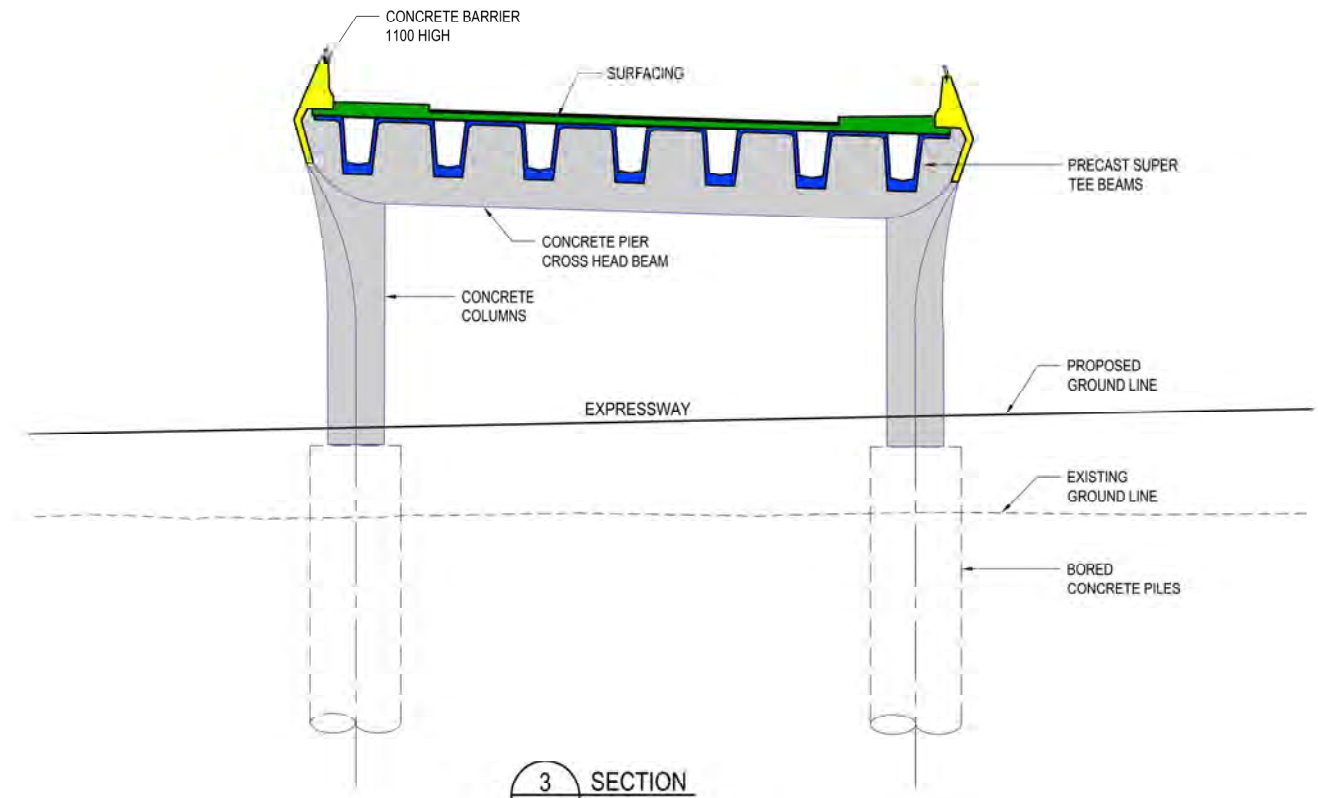
FOR CONSENTING

Document ID: M2PP-AEE-GWG  
Drawing No: **ST-BR-800**





2 SECTION  
801 1:200



3 SECTION  
801 1:100



3D VIEW OF BRIDGE  
NTS

NOTES:

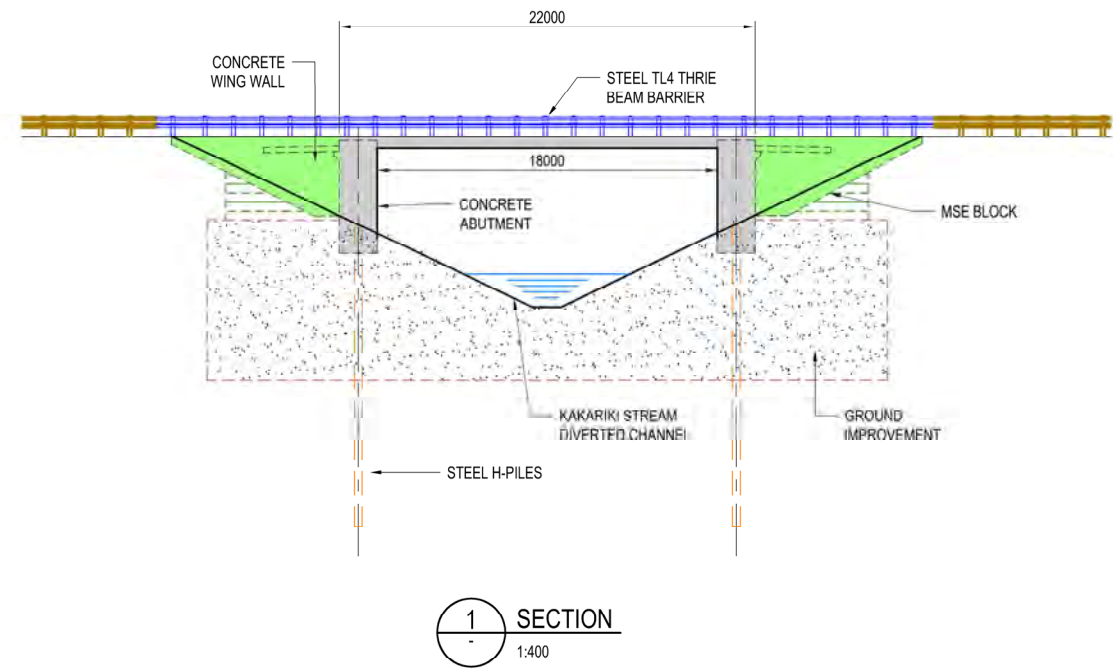
|                     |
|---------------------|
| Original Scale (A3) |
| As Shown            |

|           |               |           |          |
|-----------|---------------|-----------|----------|
| 1         | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision: | Amendment     | Approved: | Date     |

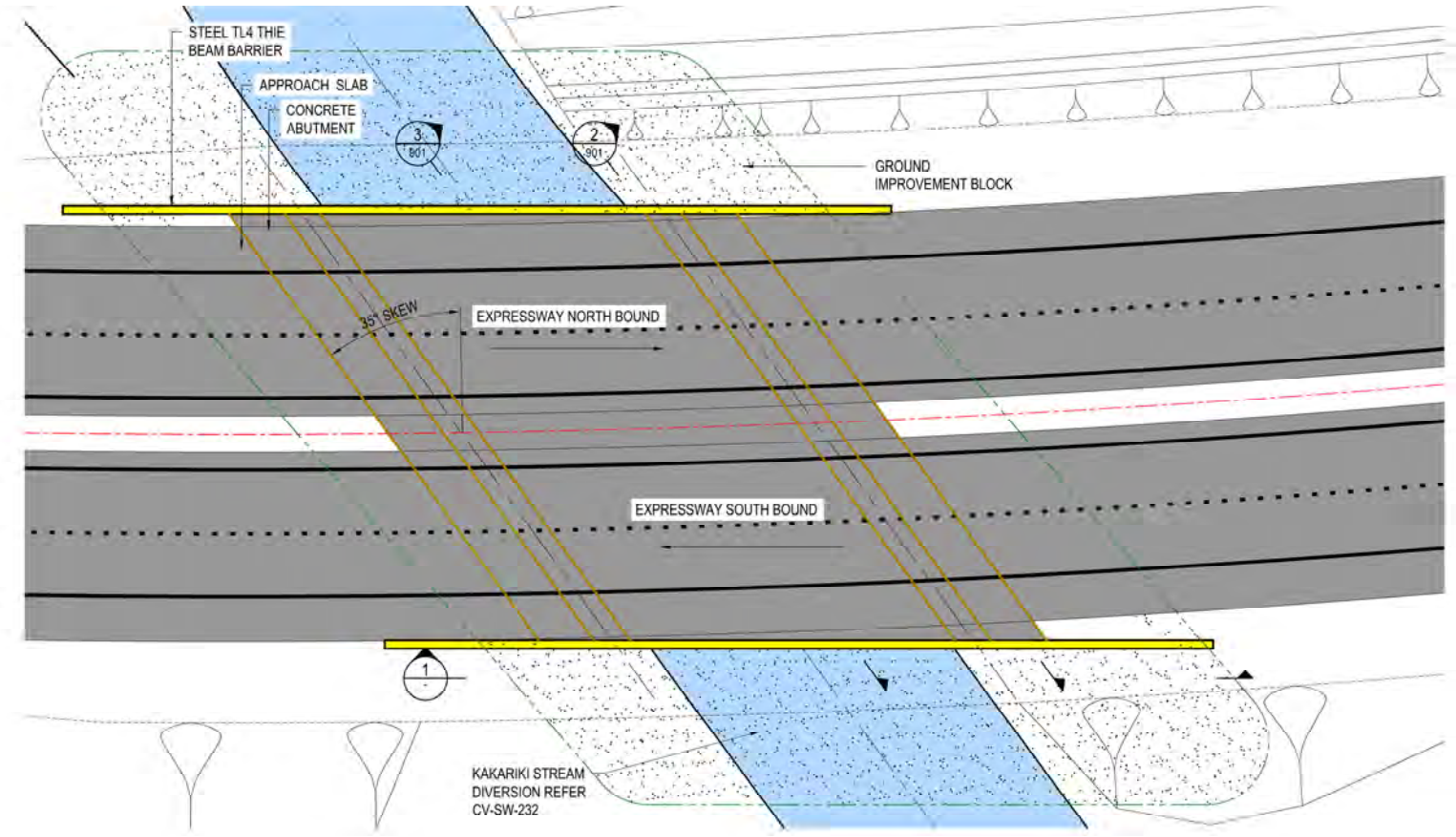


|  |                       |
|--|-----------------------|
| Project: MACKAYS TO PEKA PEKA EXPRESSWAY           |                       |
| Title: PEKA PEKA ROAD OVERBRIDGE SECTIONS, 3D VIEW |                       |
| Date: FOR CONSENTING                               | Rev: 1                |
| Document ID: M2PP-AEE-GWG                          | Drawing No: ST-BR-801 |





1 SECTION  
1:400



PLAN  
1:400

NOTES:

|                     |               |           |          |
|---------------------|---------------|-----------|----------|
| Original Scale (A3) |               |           |          |
| As Shown            |               |           |          |
| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision:           | Amendment     | Approved: | Date:    |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

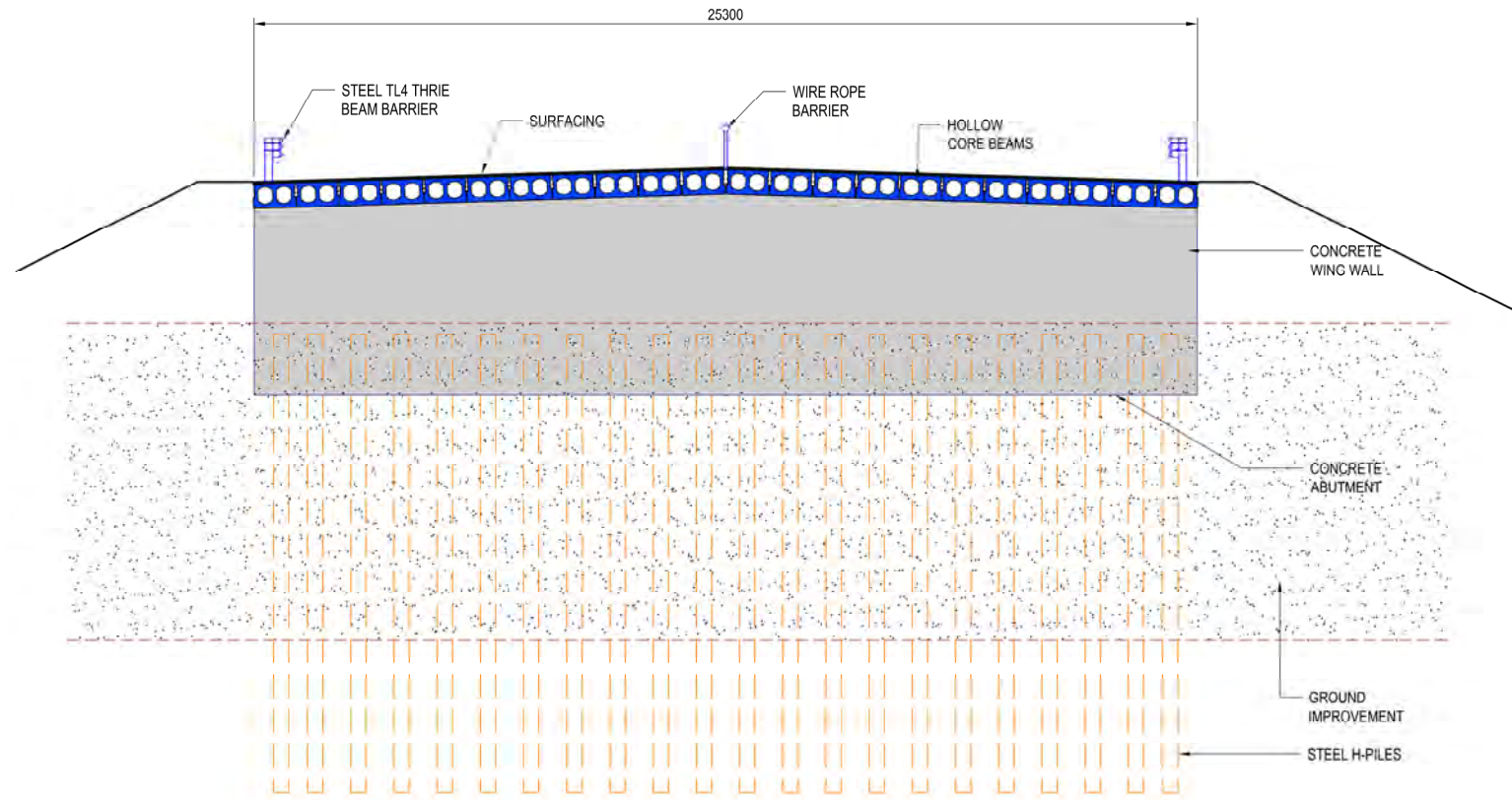
Title: **EXPRESSWAY OVER KAKARIKI STREAM GENERAL ARRANGEMENT**

Status: FOR CONSENTING

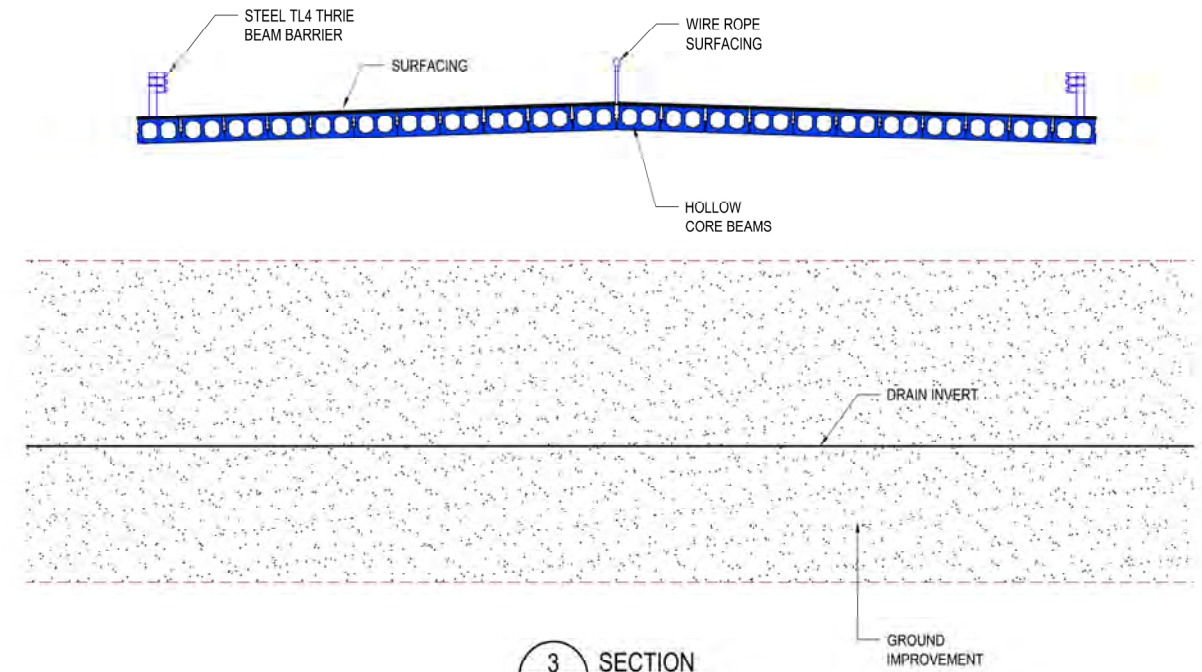
Document ID: M2PP-AEE-GWG

Drawing No: **ST-BR-900**





2 SECTION  
900 1:200



3 SECTION  
900 1:200

NOTES:

Original Scale (A3)  
As Shown

|           |               |           |          |
|-----------|---------------|-----------|----------|
| 1         | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision: | Amendment     | Approved: | Date:    |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

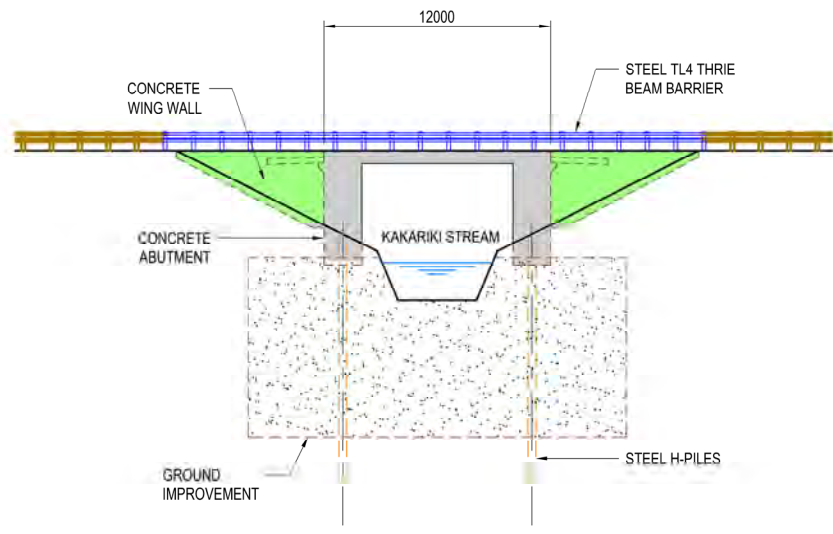
EXPRESSWAY OVER KAKARIKI STREAM SECTIONS

FOR CONSENTING

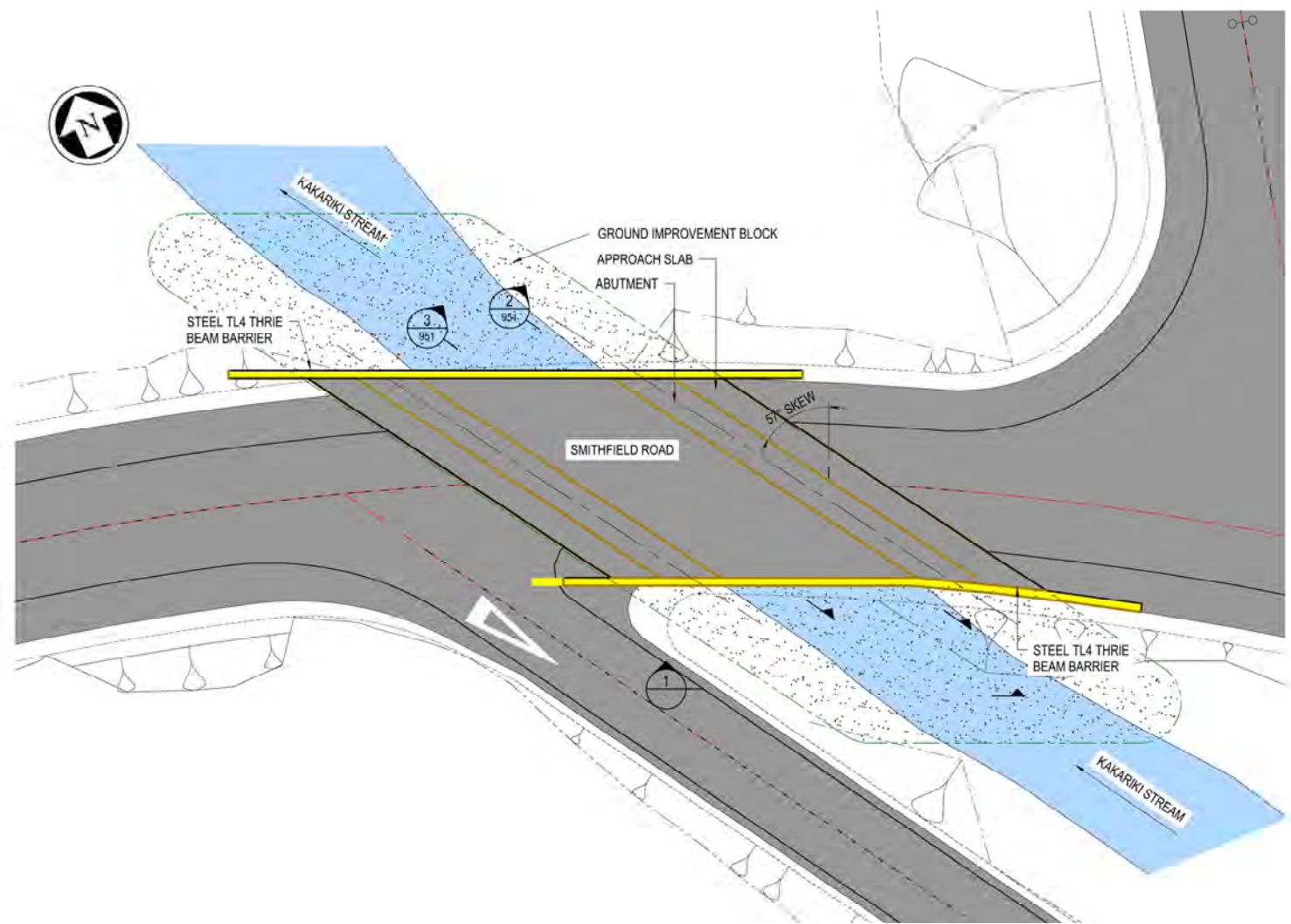
Document ID: M2PP-AEE-GWG

ST-BR-901





1 SECTION  
1:400



PLAN  
1:400

NOTES:

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|---------------------|---------------|-----------|----------|--|
| Original Scale (A3) |               |           |          |  |
| As Shown            |               |           |          |  |
| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |  |
| Revision:           | Amendment     | Approved: | Date:    |  |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

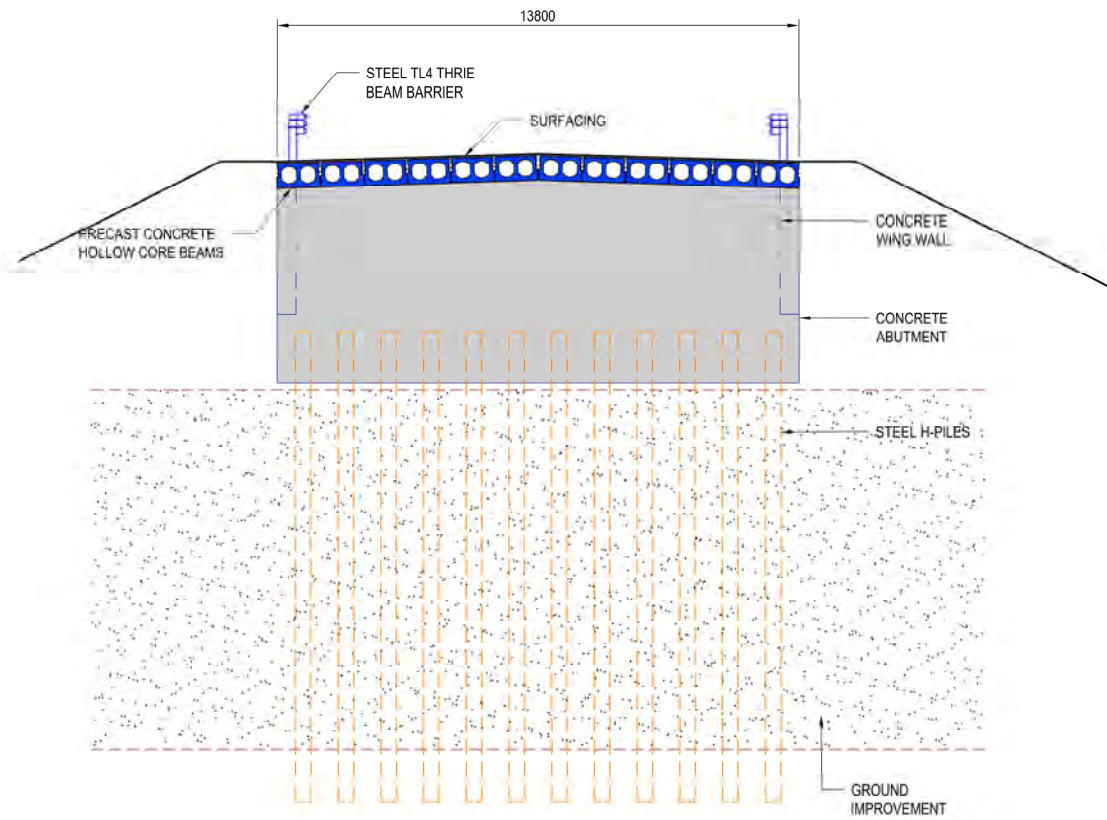
For Consenting

Document ID: M2PP-AEE-GWG

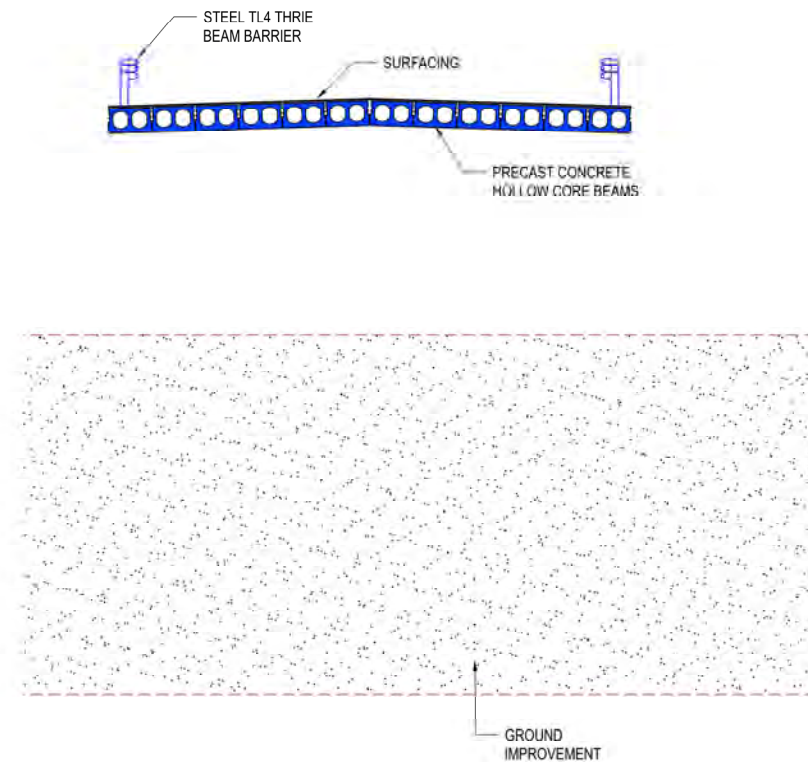
Drawing No: **ST-BR-950**

Rev: 1





2 SECTION  
950 1:200



3 SECTION  
950 1:200

NOTES:

Original Scale (A3)  
As Shown

| Revision | Amendment     | NRN | Date     |
|----------|---------------|-----|----------|
| 1        | AEE LODGEMENT | NRN | 15.03.12 |

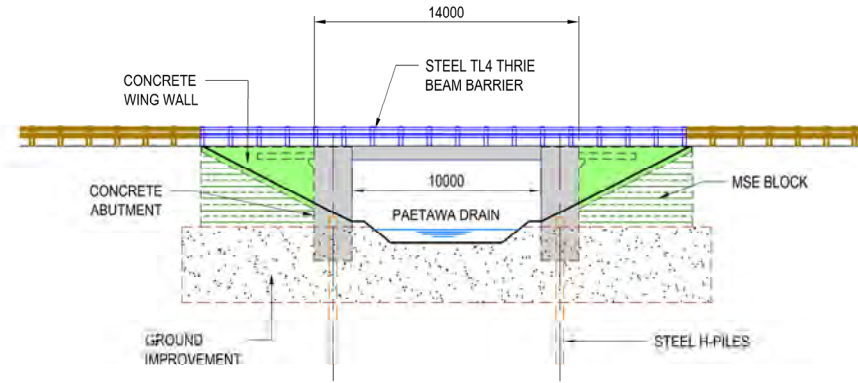


Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

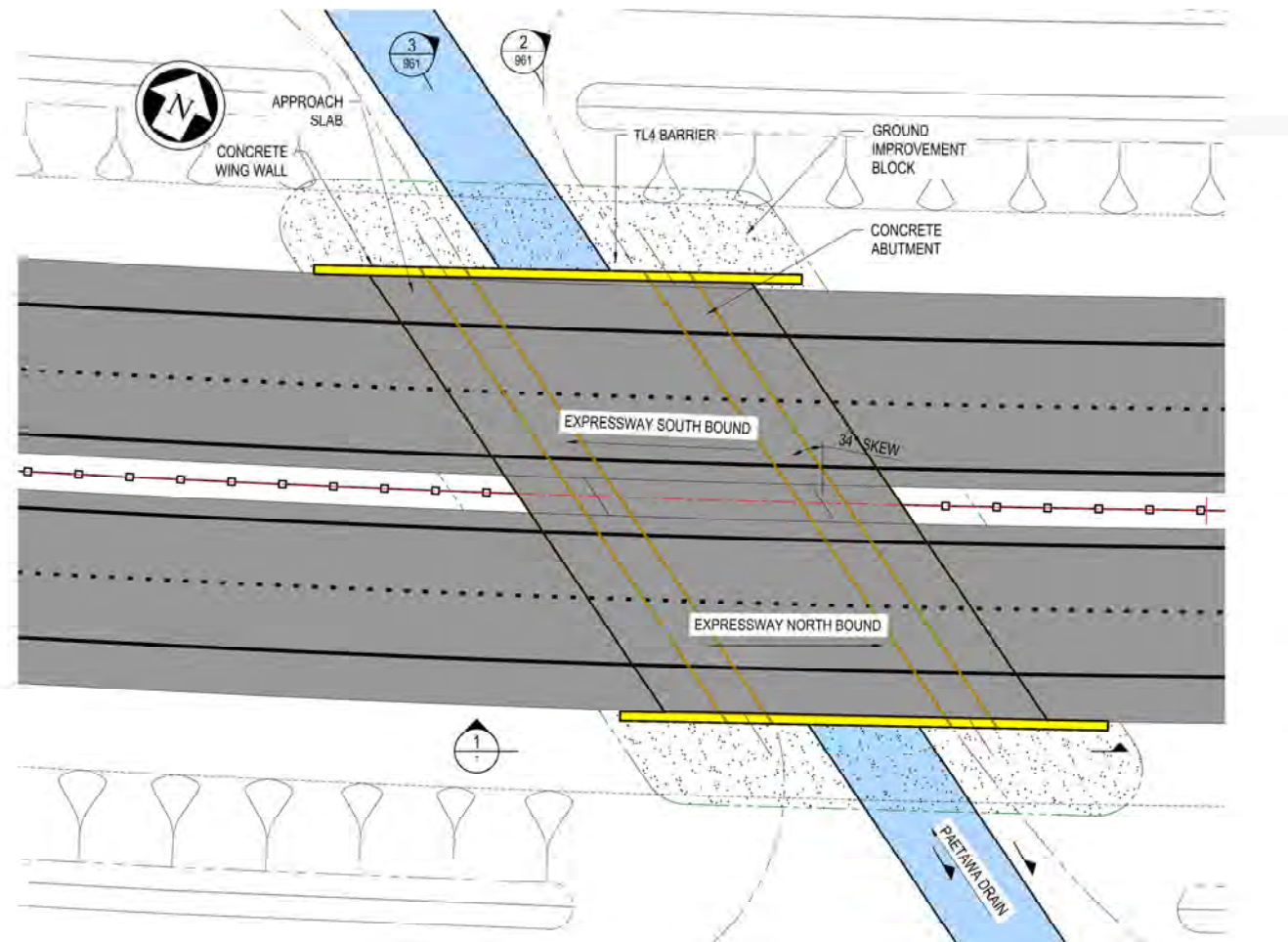
SMITHFIELD ROAD OVER KAKARIKI STREAM SECTIONS

|                              |        |
|------------------------------|--------|
| FOR CONSENTING               |        |
| Document ID: M2PP-AEE-GWG    | Rev: 1 |
| Drawing No: <b>ST-BR-951</b> |        |





1 SECTION  
1:400



PLAN  
SCALE 1:400

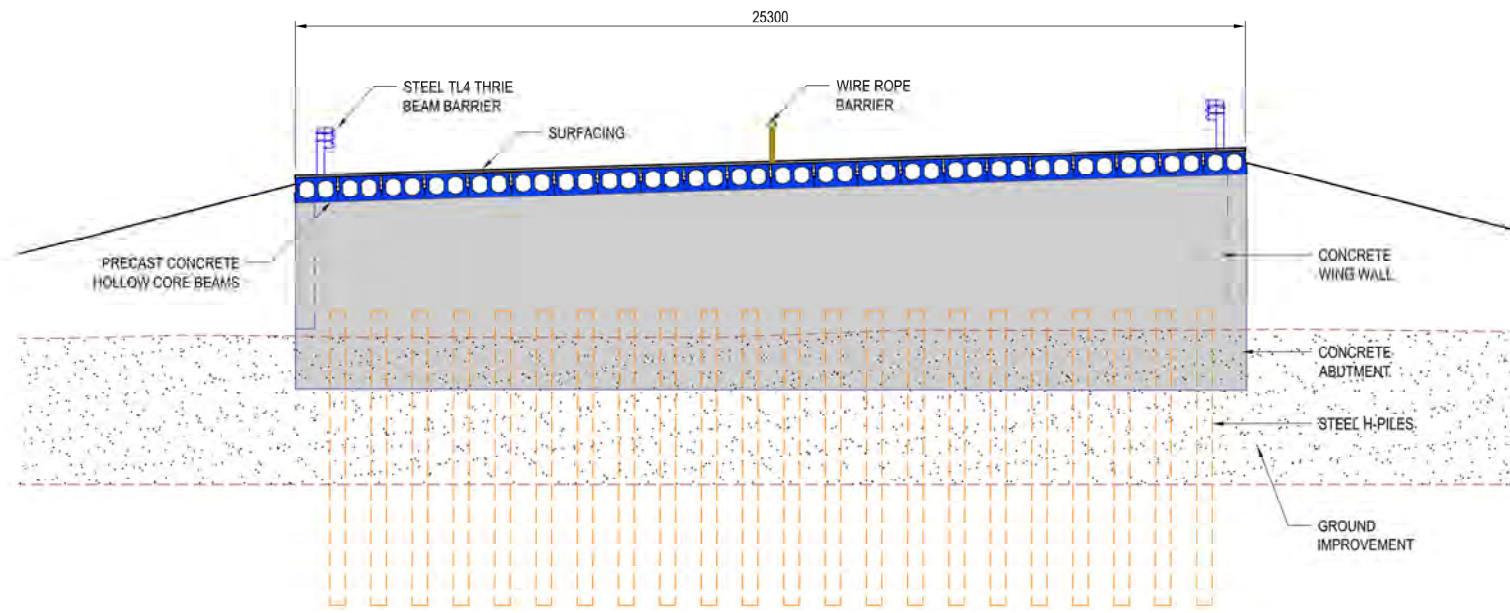
NOTES:

|                     |               |           |          |
|---------------------|---------------|-----------|----------|
| Original Scale (A3) |               |           |          |
| As Shown            |               |           |          |
| 1                   | AEE LODGEMENT | NRN       | 15.03.12 |
| Revision:           | Amendment     | Approved: | Date:    |

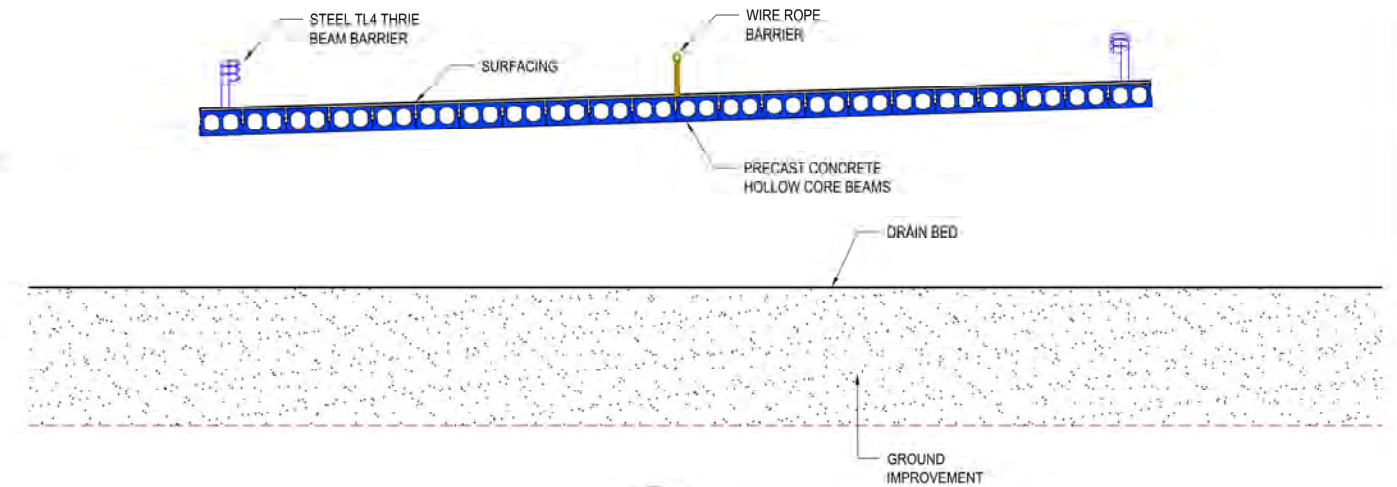


|   |                       |
|---|-----------------------|
| Project: MACKAYS TO PEKA PEKA EXPRESSWAY                  |                       |
| Title: EXPRESSWAY OVER PAETAWA STREAM GENERAL ARRANGEMENT |                       |
| Date: FOR CONSENTING                                      | Rev: 1                |
| Document ID: M2PP-AEE-GWG                                 | Drawing No: ST-BR-960 |





2 SECTION  
950 1:200



3 SECTION  
950 1:200

NOTES:

Original Scale (A3)  
As Shown

|          |               |          |          |
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| 1        | AEE LODGEMENT | NRN      | 15.03.12 |
| Revision | Amendment     | Approved | Date     |



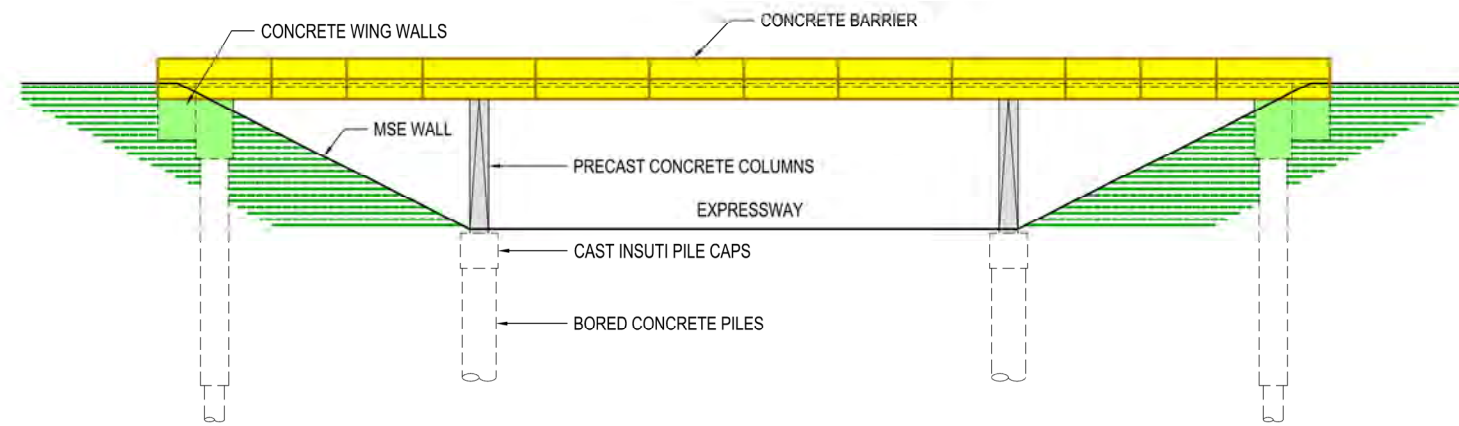
Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Expressway over PAETAWA STREAM  
GENERAL ARRANGEMENT

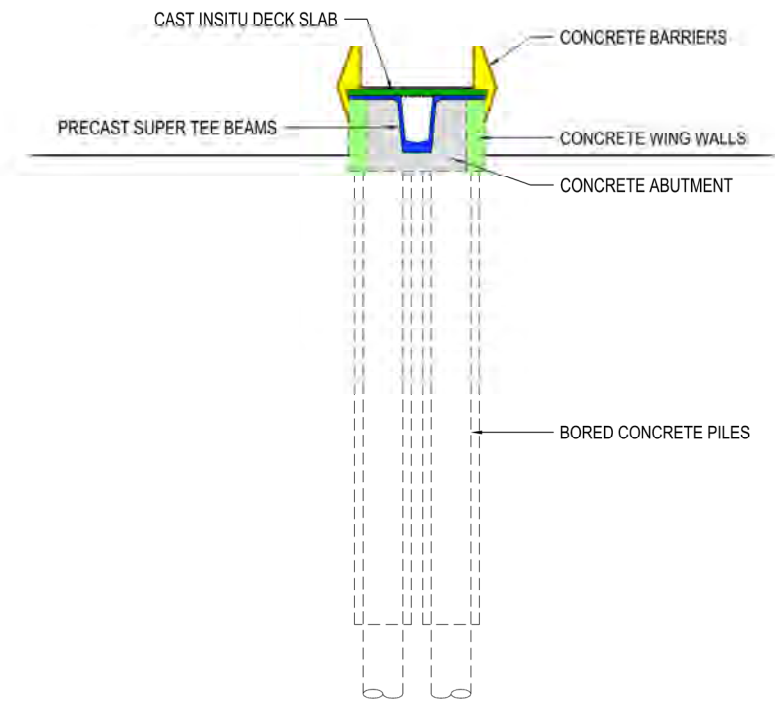
FOR CONSENTING

Document ID: M2PP-AEE-GWG  
Drawing No: **ST-BR-961**

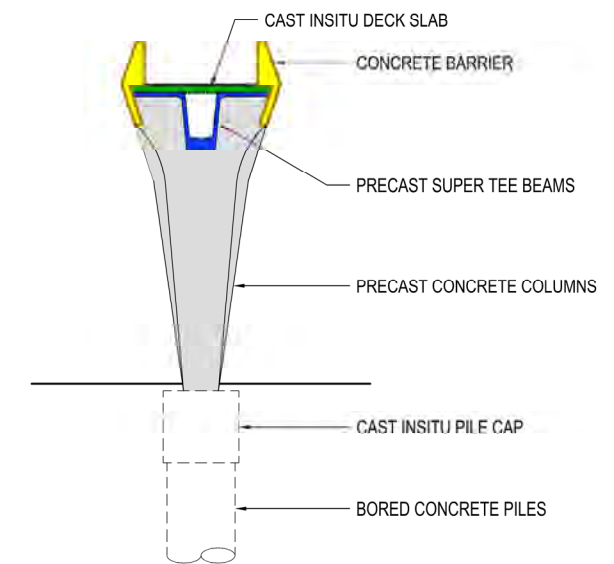
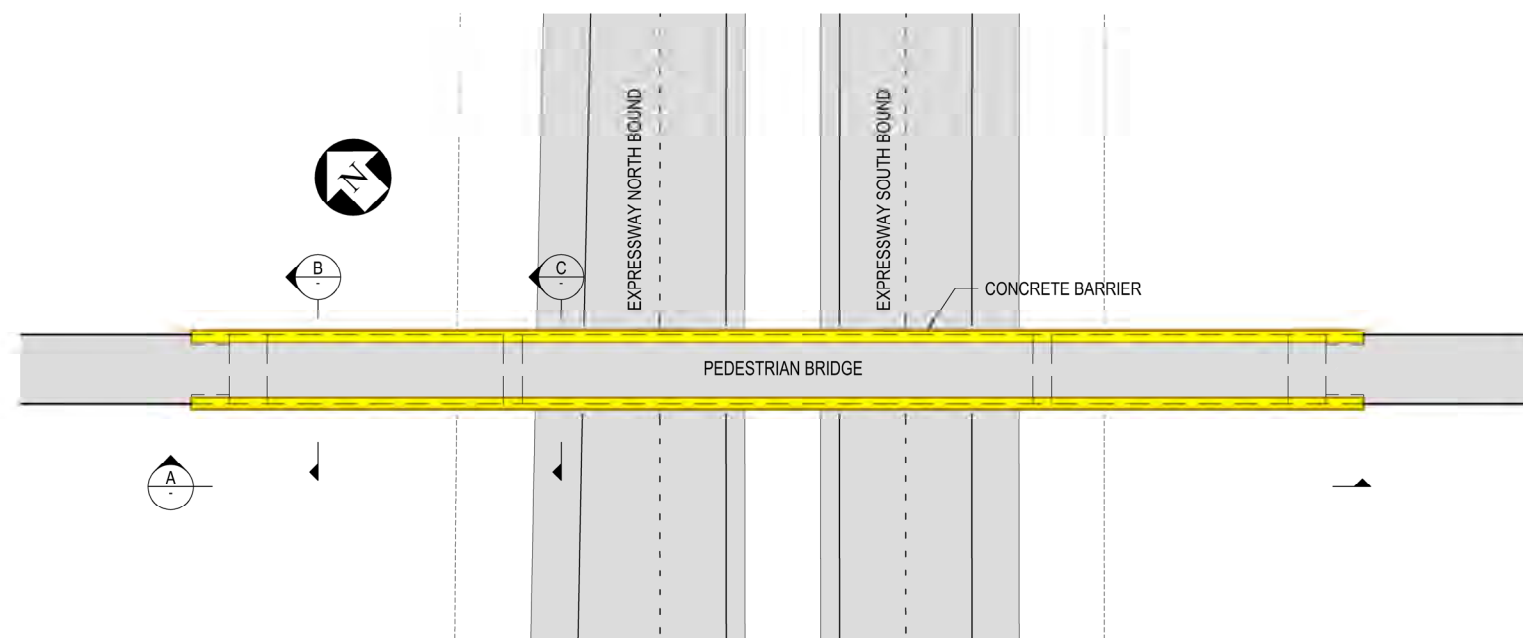




**A** LONG SECTION  
 SCALE 1:200



**B** CROSS SECTION AT ABUTMENT  
 SCALE 1:100



**C** CROSS SECTION AT PIER  
 SCALE 1:100

NOTES:

|                     |               |          |          |  |
|---------------------|---------------|----------|----------|--|
| Original Scale (A3) |               |          |          |  |
| 1                   | AEE LODGEMENT | NRN      | 15.03.12 |  |
| Revision            | Amendment     | Approved | Date     |  |



Project: **MACKAYS TO PEKA PEKA EXPRESSWAY**

Location: **KAPITI RD & MAZENGARB RD PEDESTRIAN BRIDGE GENERAL ARRANGEMENT**

|                              |        |
|------------------------------|--------|
| FOR CONSENTING               |        |
| Document ID: M2PP-AEE-GWG    | Rev: 1 |
| Drawing No: <b>ST-BR-970</b> |        |