



LEGEND - PLAN:

- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION
- ROAD CLOSURE

NOTES

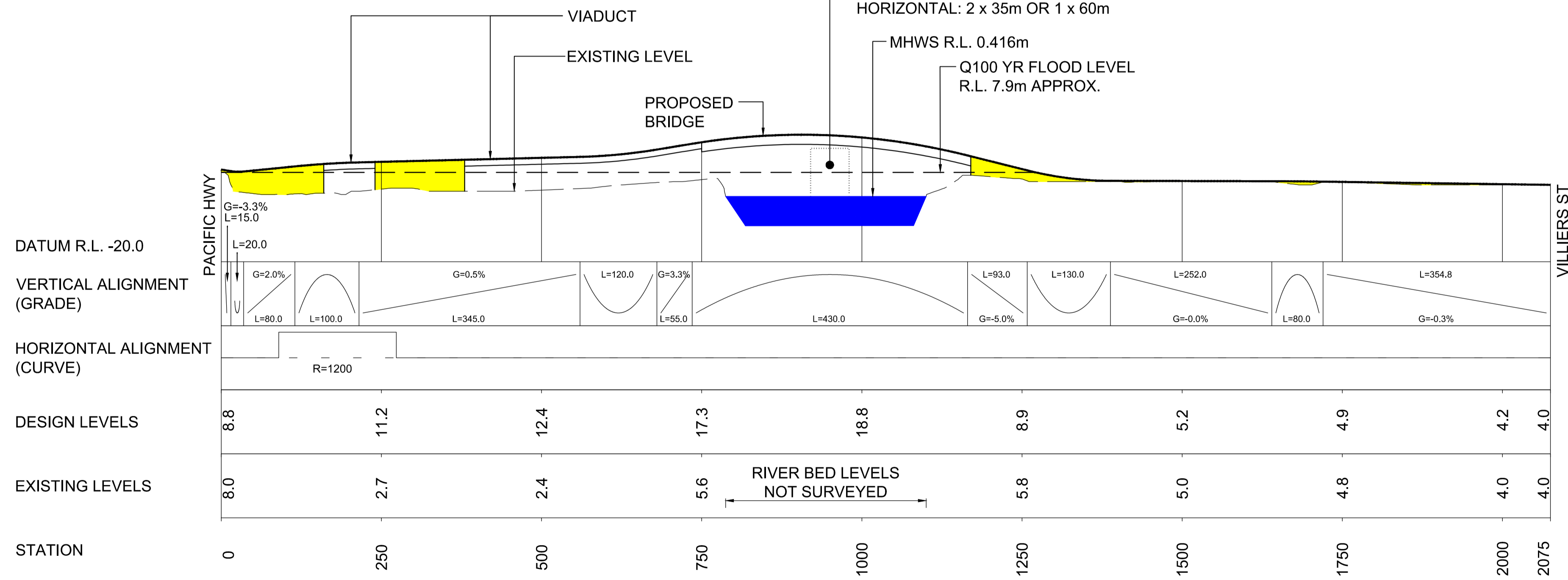
1. Q100 YEAR FLOOD LEVELS BASED ON WBM LOWER CLARENCE RIVER FLOOD STUDY 2004.
2. IN ADDITION TO THE INTERSECTION UPGRADES SHOWN ON THE PLAN, THE OPTION WOULD INCLUDE AN UPGRADE OF THE FOLLOWING INTERSECTIONS :
 - GWYDIR HWY / BENT ST
 - PACIFIC HWY / GWYDIR HWY
 - PACIFIC HWY / SPRING ST
 - BENT ST / THROUGH ST
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 - THOSE THAT WILL REQUIRE AN UPGRADE TO ACCOMMODATE TURNING VEHICLES.

LEGEND - LONGITUDINAL SECTION:

- EMBANKMENT
- CLARENCE RIVER

PLAN

NAVIGATION CHANNEL MINIMUM CLEARANCES:
 VERTICAL: 15.0m ABOVE MHWS
 HORIZONTAL: 2 x 35m OR 1 x 60m



LONGITUDINAL SECTION

E	PROR - FINAL - RMS NAME UPDATED	REB	6/12/2011
D	PROR - PARTS 1 & 2 - ISSUE	REB	24/10/2011
C	PROR - PARTS 1 & 2 - DRAFT 3	REB	6/10/2011
B	PROR - PARTS 1 & 2 - DRAFT 2	REB	26/09/2011
A	PROR - PART 2 - DRAFT 1	REB	30/08/2011
No.	Amendment Description	Initials	Date
A1 original	This sheet may be prepared using colour and may be incomplete if copied		

SCALES

0 20 40 60 80 100
 VERTICAL SCALE 1:1000m

0 100 200 300 400 500
 HORIZONTAL SCALE 1:5000m

Co-ordinate System: MGA Zone 56 Height Datum: A.H.D.

ARUP
 Arup Pty Ltd
 ABN 18 000 966 165

DESIGNED:

REVIEWED:

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
 MAIN ROAD 83 - SUMMERLAND WAY
 ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 3 - PRELIMINARY ROUTE OPTION 11
 PLAN AND LONGITUDINAL SECTION

FILE No.	DRAWING	PRINTED DATE	SHEET No.
-	220422_SK6013.dwg	06/12/2011	13
REGISTRATION NUMBER			
0083.086.BA.2016			



LEGEND - PLAN:

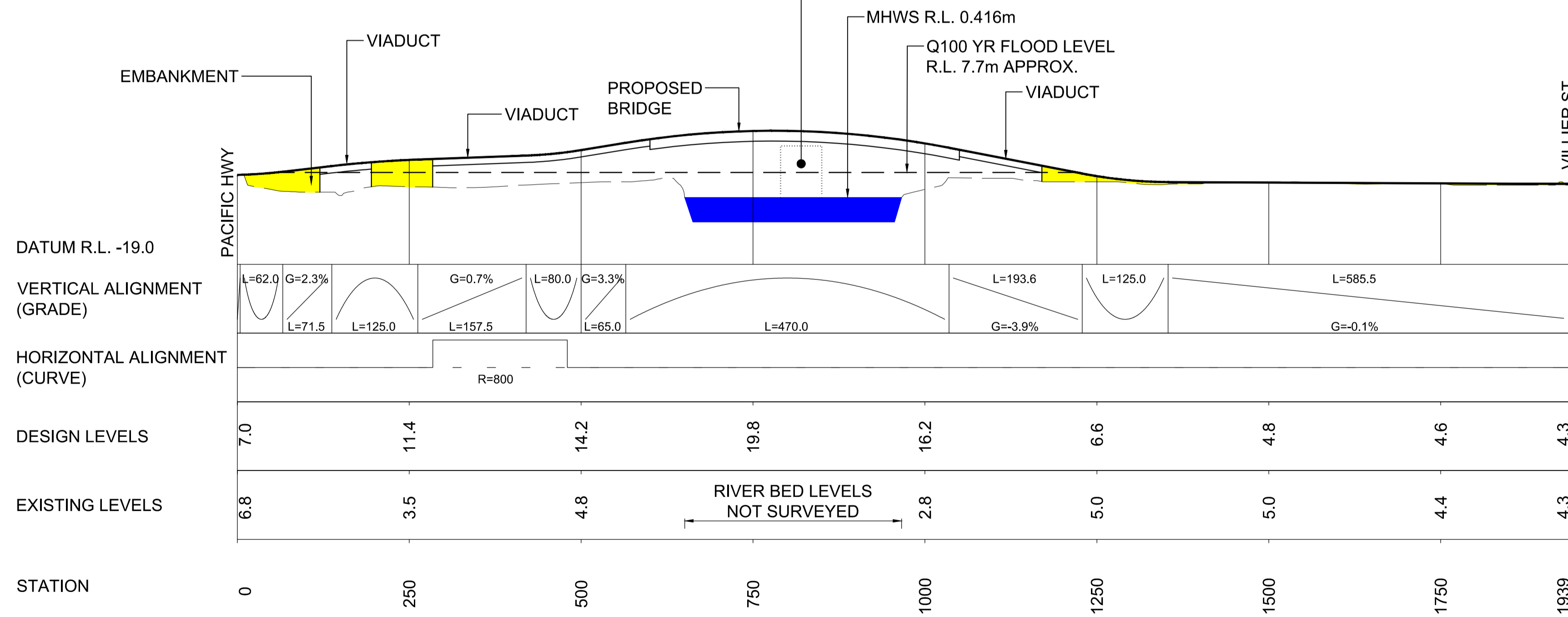
- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
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- ROAD CLOSURE

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No.	Amendment Description	Initials	Date
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0 20 40 60 80 100
 VERTICAL SCALE 1:1000m

0 100 200 300 400 500
 HORIZONTAL SCALE 1:5000m

Co-ordinate System: MGA Zone 56 Height Datum: A.H.D.

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 Arup Pty Ltd
 ABN 18 000 966 165

DESIGNED.....
 REVIEWED.....

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
 MAIN ROAD 83 - SUMMERLAND WAY
 ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 3 - PRELIMINARY ROUTE OPTION J
 PLAN AND LONGITUDINAL SECTION

FILE No.	DRAWING	PRINTED DATE	SHEET No.
-	220422_SK6014.dwg	06/12/2011	14
REGISTRATION NUMBER			
0083.086.BA.2016			



LEGEND - PLAN:

- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION
- OPTIONS ALIGNMENT AS SHOWN IN JUNE 2011 COMMUNITY UPDATE
- HEAVY VEHICLE ACCESS ROUTE UPGRADE

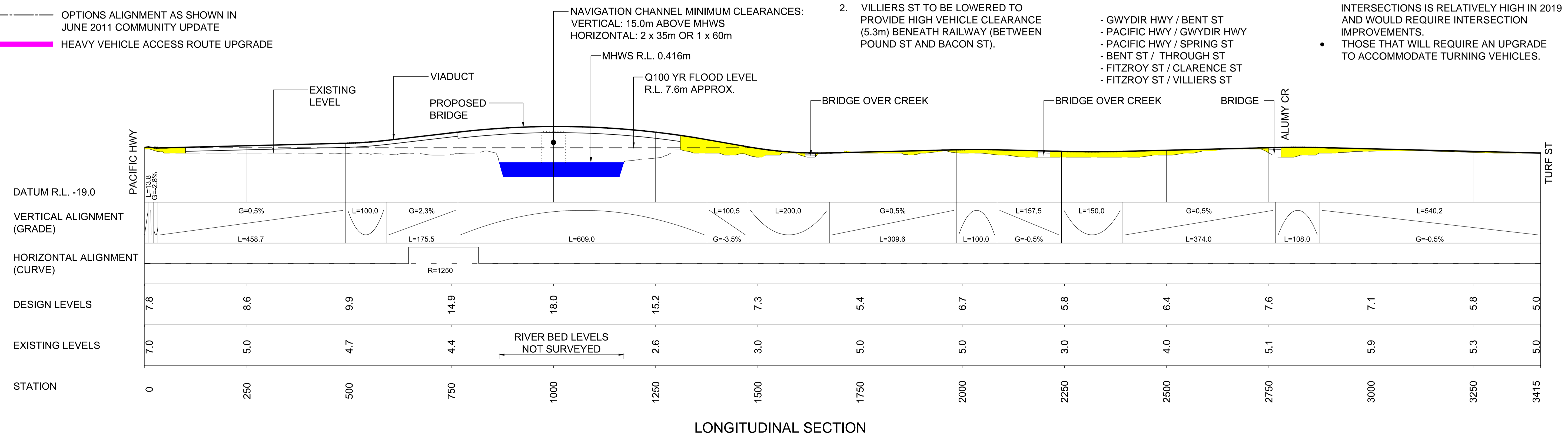
LEGEND - LONGITUDINAL SECTION:

- EMBANKMENT
- CLARENCE RIVER

PLAN

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SCALES	
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Co-ordinate System: MGA Zone 56	
Height Datum: A.H.D.	

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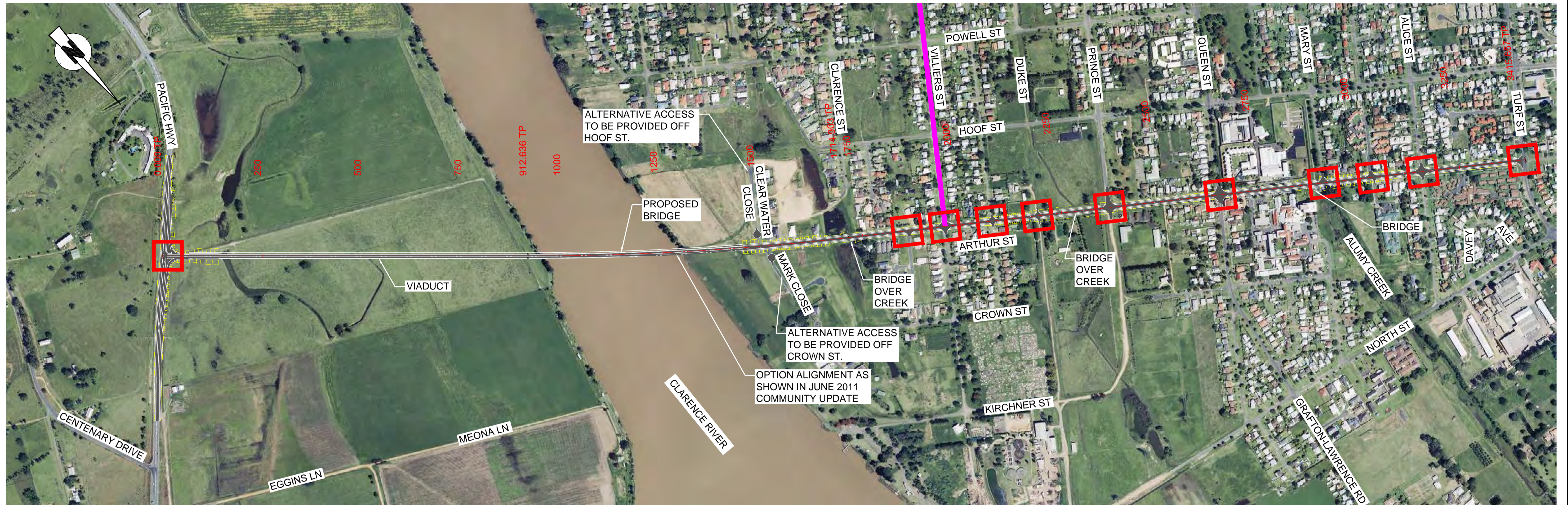
DESIGNED:

REVIEWED:

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY
ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 3 - PRELIMINARY ROUTE OPTION K
PLAN AND LONGITUDINAL SECTION

FILE No.	DRAWING	PRINTED DATE	SHEET No.
-	220422_SK6015.dwg	06/12/2011	15
REGISTRATION NUMBER			
0083.086.BA.2016			



LEGEND - PLAN:

- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION
- OPTIONS ALIGNMENT AS SHOWN IN JUNE 2011 COMMUNITY UPDATE
- HEAVY VEHICLE ACCESS ROUTE UPGRADE
- ROAD CLOSURE

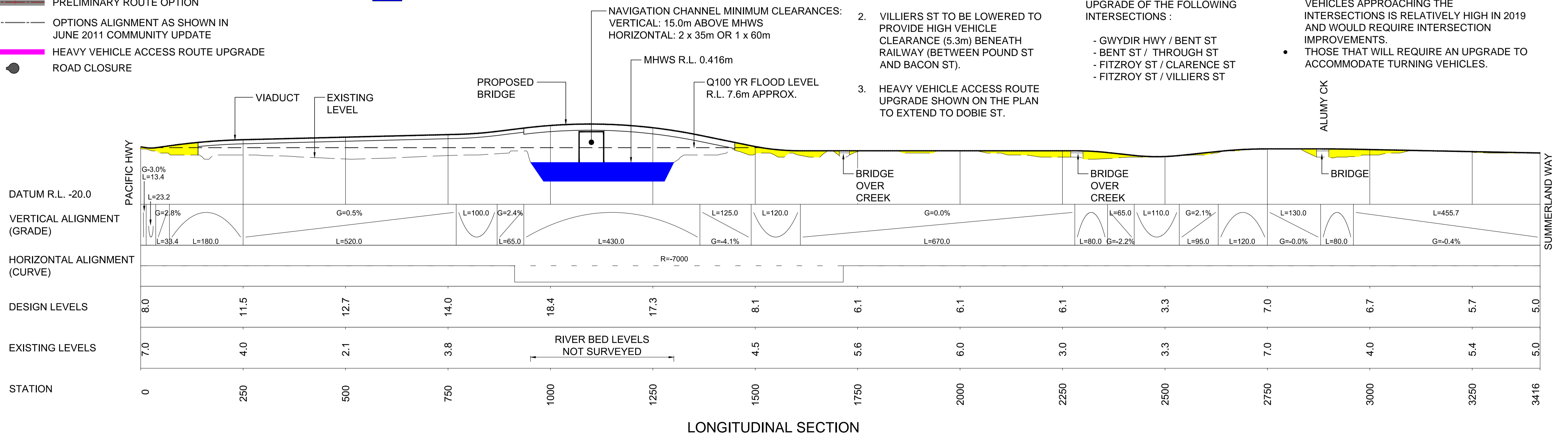
LEGEND - LONGITUDINAL SECTION:

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- CLARENCE RIVER

PLAN

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A	PROR - PART 2 - DRAFT 1	REB	30/08/2011
No.	Amendment Description	Initials	Date
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SCALES	
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0 100 200 300 400 500	HORIZONTAL SCALE 1:5000m
Co-ordinate System: MGA Zone 56	
Height Datum: A.H.D.	

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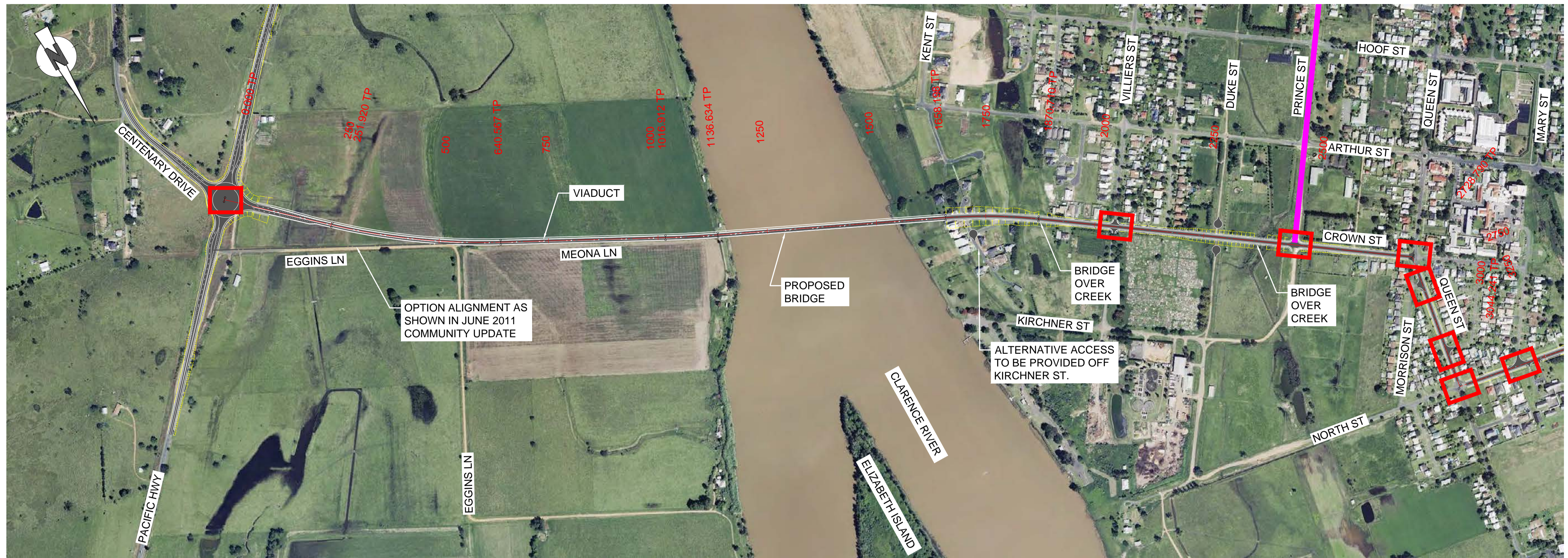
DESIGNED:

REVIEWED:

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY
ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 3 - PRELIMINARY ROUTE OPTION 12
PLAN AND LONGITUDINAL SECTION

FILE No.	DRAWING	PRINTED DATE	SHEET No.
-	220422_SK6016.dwg	06/12/2011	16
REGISTRATION NUMBER			
0083.086.BA.2016			



FOR CONTINUATION REFER DRG 220422_SK6018

LEGEND - PLAN:

- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION
- OPTIONS ALIGNMENT AS SHOWN IN JUNE 2011 COMMUNITY UPDATE
- HEAVY VEHICLE ACCESS ROUTE UPGRADE
- ROAD CLOSURE

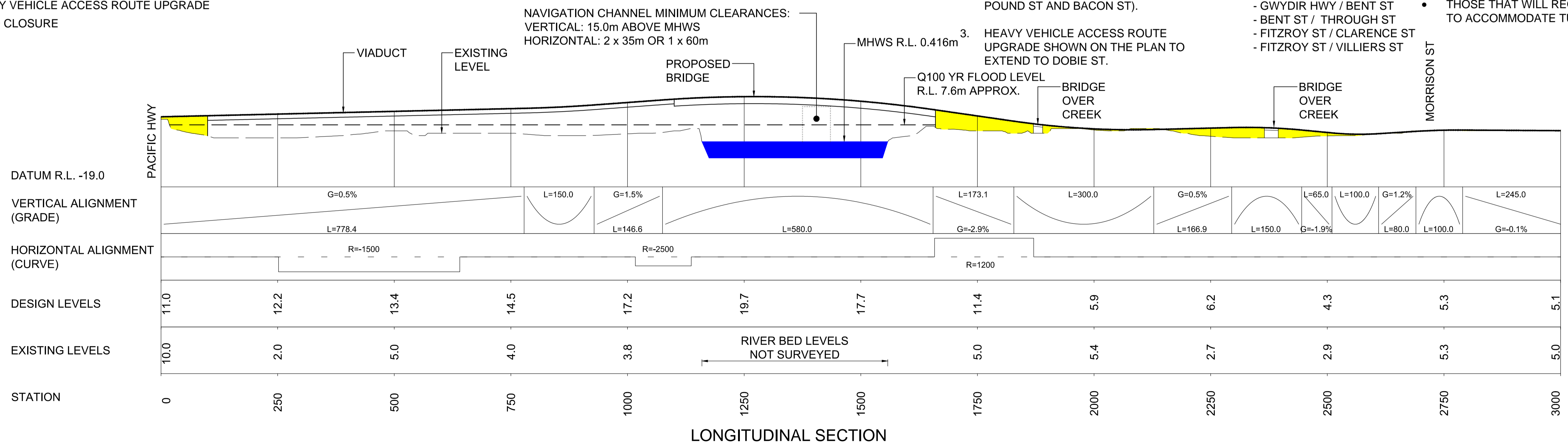
LEGEND - LONGITUDINAL SECTION:

- EMBANKMENT
- CLARENCE RIVER

PLAN

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SCALES	
 HORIZONTAL SCALE 1:5000m	 VERTICAL SCALE 1:1000m
Co-ordinate System: MGA Zone 56	
Height Datum: A.H.D.	

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Arup Pty Ltd
ABN 18 000 966 165

DESIGNED:

REVIEWED:

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY
ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 3 - PRELIMINARY ROUTE OPTION L
PLAN AND LONGITUDINAL SECTION 1 OF 2

FILE No. -	DRAWING 220422_SK6017.dwg	PRINTED DATE 06/12/2011	SHEET No.
REGISTRATION NUMBER			17
0083.086.BA.2016			



PLAN

LEGEND - PLAN:

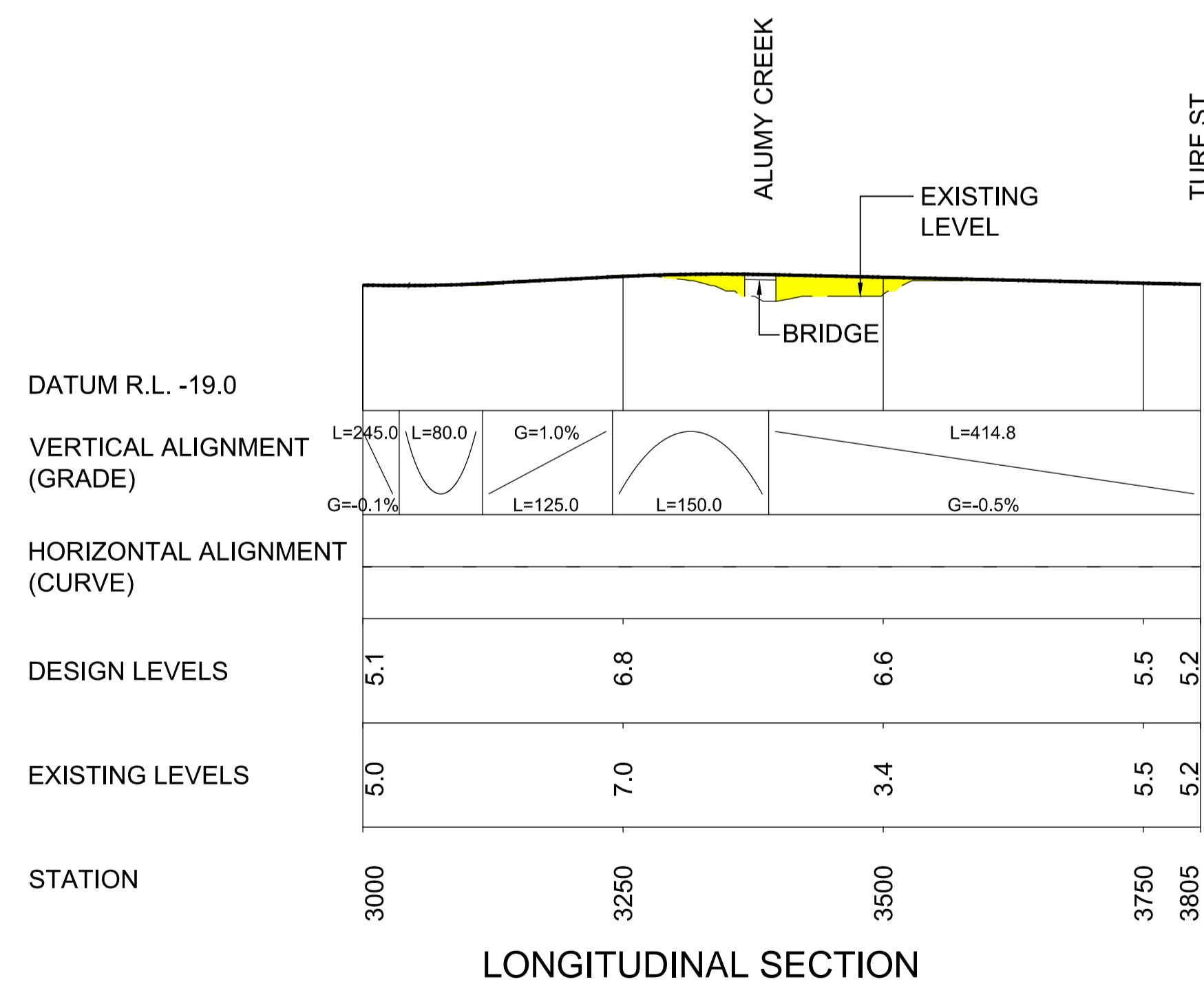
- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
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LEGEND - LONGITUDINAL SECTION:

- EMBANKMENT

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LONGITUDINAL SECTION

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0 20 40 60 80 100
VERTICAL SCALE 1:1000m

0 100 200 300 400 500
HORIZONTAL SCALE 1:5000m

Co-ordinate System: MGA Zone 56 Height Datum: A.H.D.

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ABN 18 000 966 165

DESIGNED.....

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ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY
ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 3 - PRELIMINARY ROUTE OPTION L
PLAN AND LONGITUDINAL SECTION 2 OF 2

FILE No. -	DRAWING 220422_SK6018.dwg	PRINTED DATE 06/12/2011	SHEET No. 18
REGISTRATION NUMBER 0083.086.BA.2016			



LEGEND - PLAN:

- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION
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- HEAVY VEHICLE ACCESS ROUTE UPGRADE
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LEGEND - LONGITUDINAL SECTION:

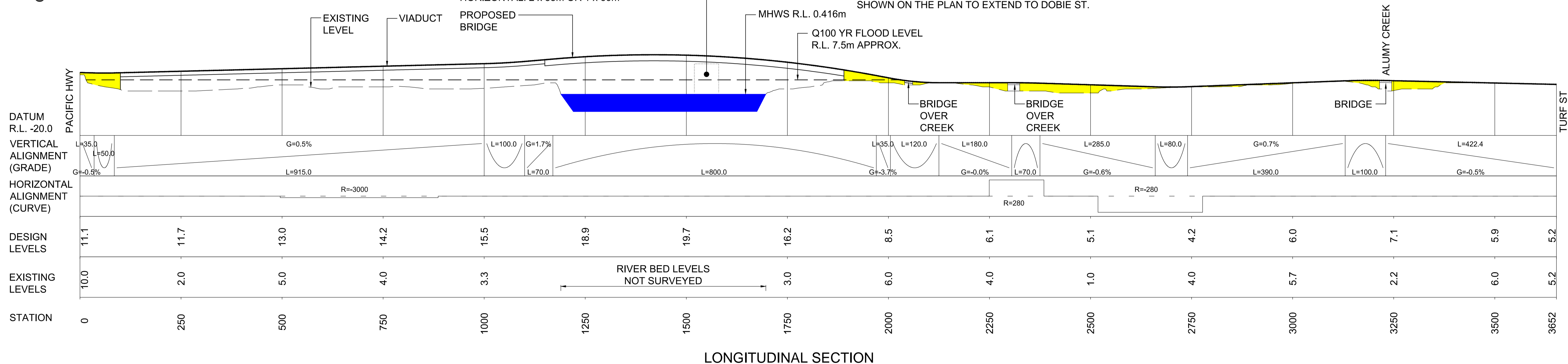
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VERTICAL SCALE 1:1000m	HORIZONTAL SCALE 1:5000m
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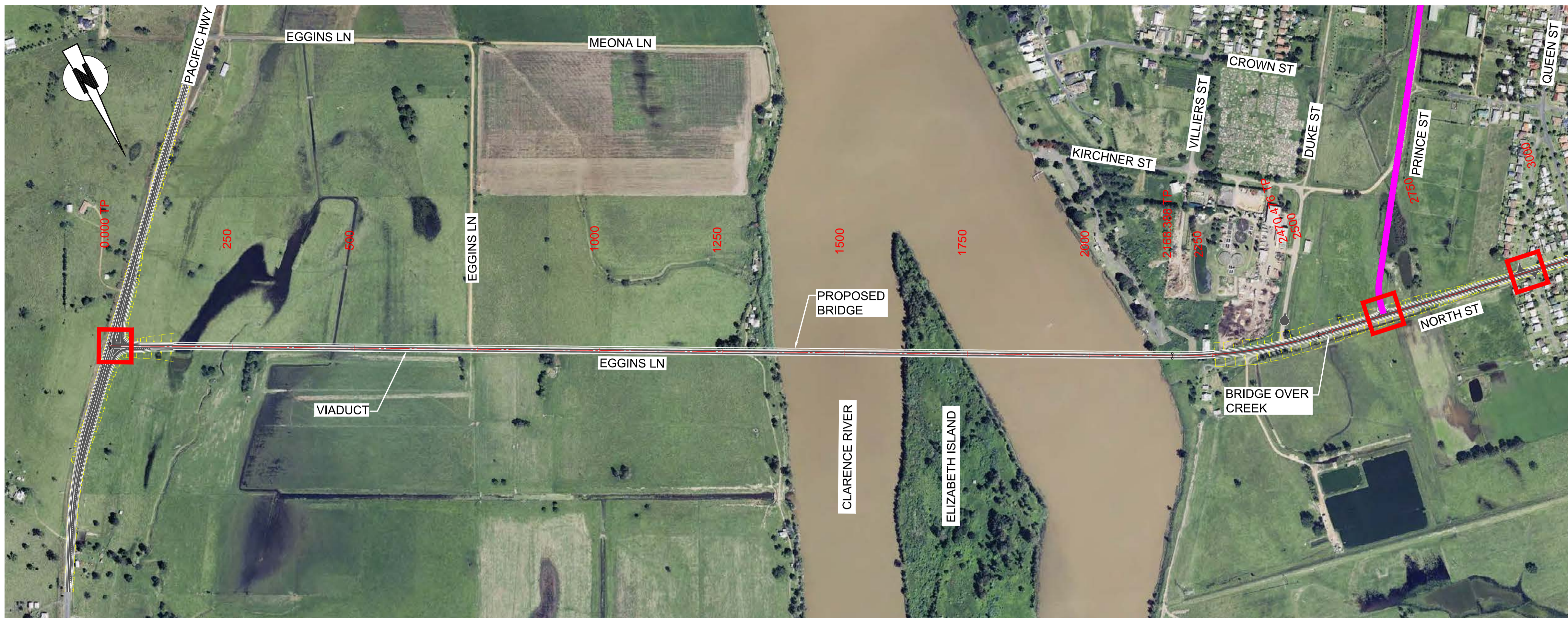
DESIGNED:

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ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
 MAIN ROAD 83 - SUMMERLAND WAY
 ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 4 - PRELIMINARY ROUTE OPTION 14
 PLAN AND LONGITUDINAL SECTION

FILE No.	DRAWING	PRINTED DATE	SHEET No.
-	220422_SK6019.dwg	06/12/2011	19
REGISTRATION NUMBER			
0083.086.BA.2016			



FOR CONTINUATION REFER DRG 220422_SK6021

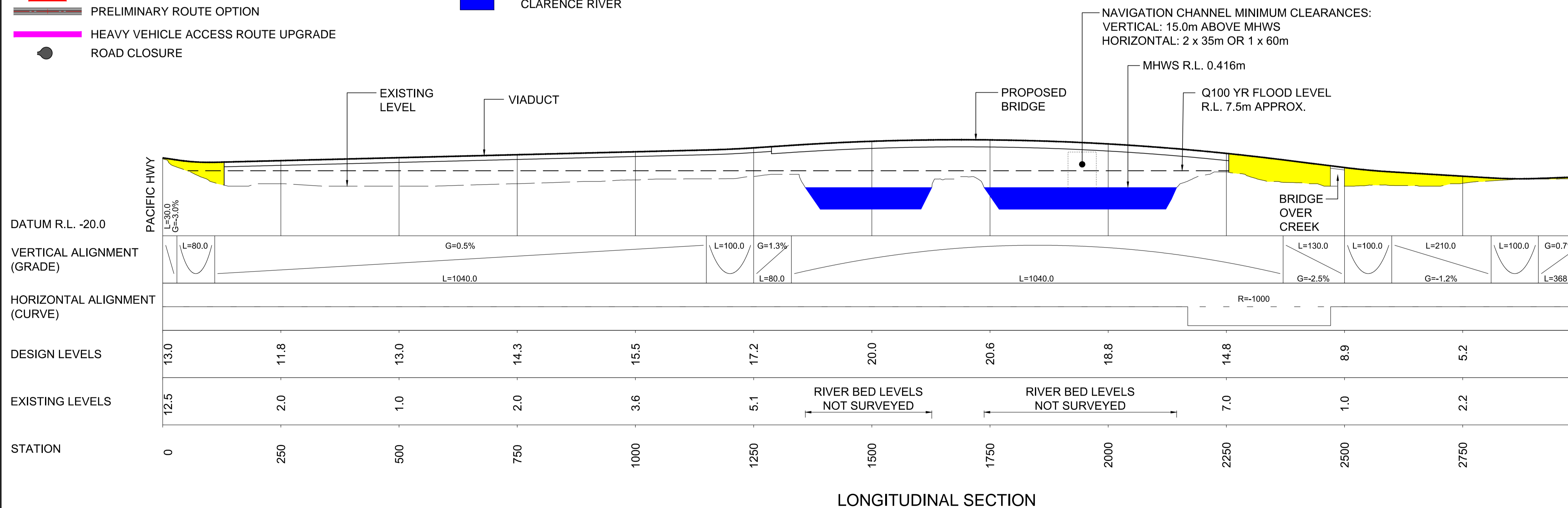
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LEGEND - LONGITUDINAL SECTION:

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- CLARENCE RIVER

PLAN



LONGITUDINAL SECTION

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Co-ordinate System: MGA Zone 56	
Height Datum: A.H.D.	

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Arup Pty Ltd
ABN 18 000 966 165

DESIGNED:

REVIEWED:

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY
ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 4 - PRELIMINARY ROUTE OPTION 20
PLAN AND LONGITUDINAL SECTION 1 OF 2

FILE No.	DRAWING	PRINTED DATE	SHEET No.
-	220422_SK6020.dwg	06/12/2011	20
REGISTRATION NUMBER			
0083.086.BA.2016			



FOR CONTINUATION REFER DRG 220422_SK6020

PLAN

LEGEND - PLAN:

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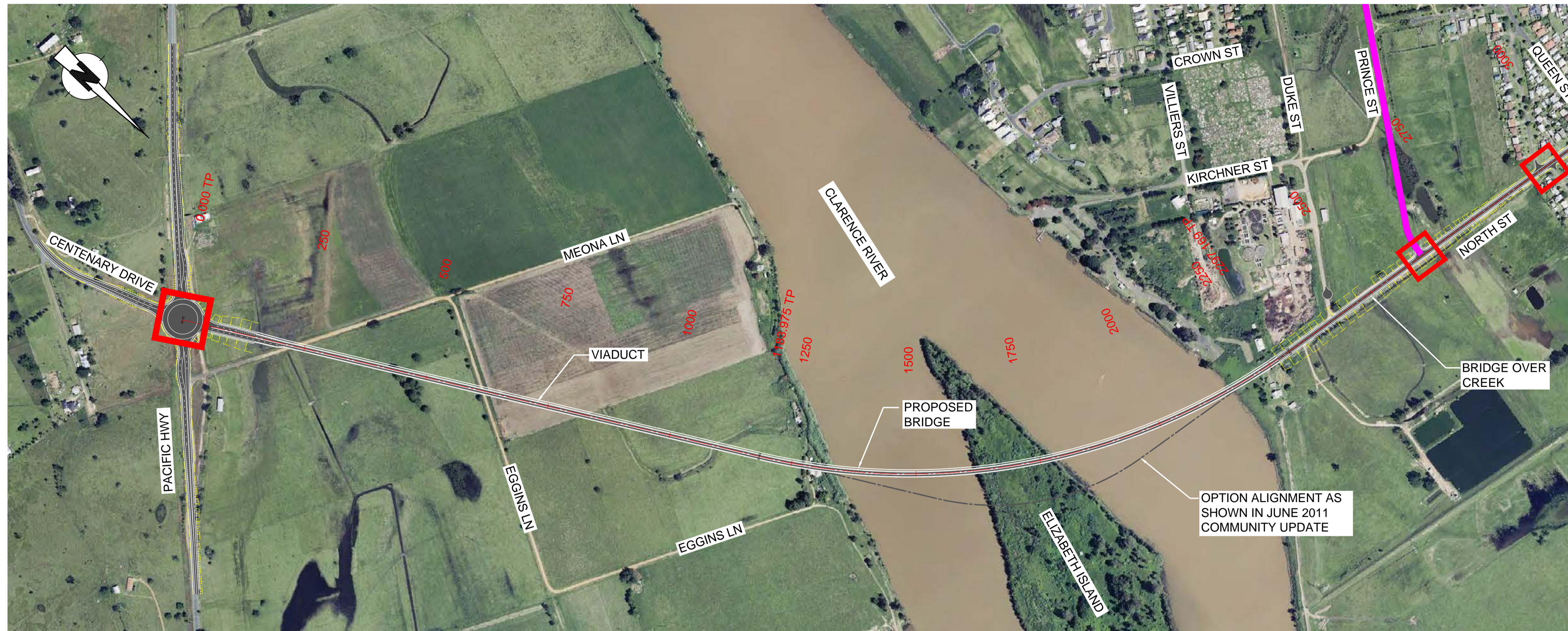
DESIGNED.....

REVIEWED.....

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY
ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 4 - PRELIMINARY ROUTE OPTION 20
PLAN AND LONGITUDINAL SECTION 2 OF 2

FILE No. -	DRAWING 220422_SK6021.dwg	PRINTED DATE 06/12/2011	SHEET No. 21
REGISTRATION NUMBER 0083.086.BA.2016			



FOR CONTINUATION REFER DRG 220422_SK6023

NOTES

- Q100 YEAR FLOOD LEVELS BASED ON LOWER CLARENCE RIVER FLOOD STUDY REVIEW (WBM 2004).
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 - THOSE THAT WILL REQUIRE AN UPGRADE TO ACCOMMODATE TURNING VEHICLES.

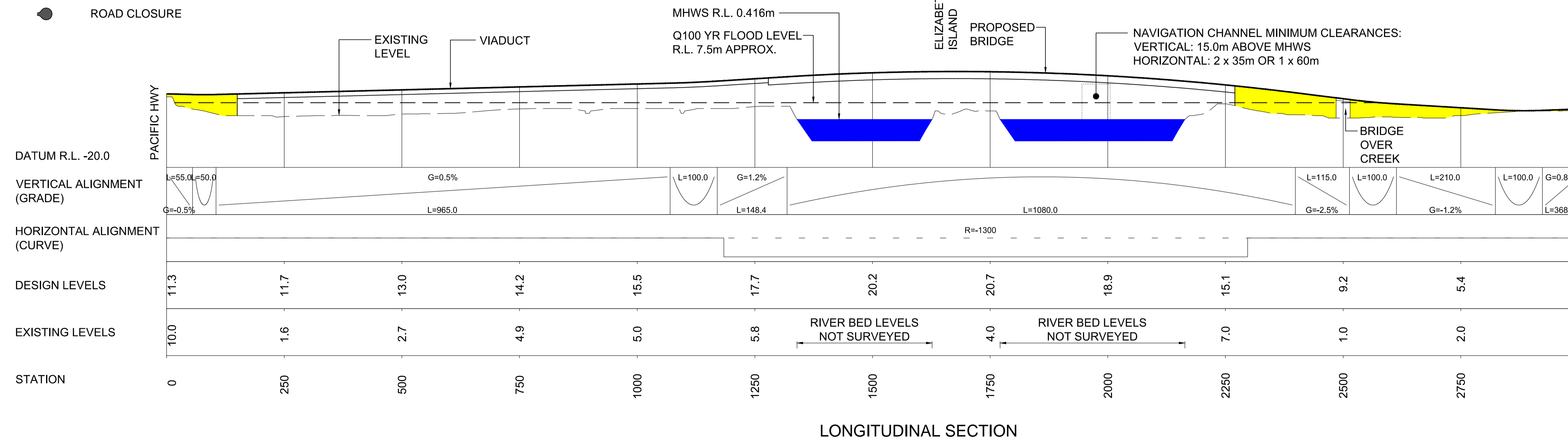
LEGEND - PLAN:

- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION
- OPTIONS ALIGNMENT AS SHOWN IN JUNE 2011 COMMUNITY UPDATE
- HEAVY VEHICLE ACCESS ROUTE UPGRADE
- ROAD CLOSURE

LEGEND - LONGITUDINAL SECTION:

- EMBANKMENT
- CLARENCE RIVER

PLAN



LONGITUDINAL SECTION

E	PROR - FINAL - RMS NAME UPDATED	REB	6/12/2011
D	PROR - PARTS 1 & 2 - ISSUE	REB	24/10/2011
C	PROR - PARTS 1 & 2 - DRAFT 3	REB	6/10/2011
B	PROR - PARTS 1 & 2 - DRAFT 2	REB	26/09/2011
A	PROR - PART 2 - DRAFT 1	REB	30/08/2011
No.	Amendment Description	Initials	Date
A1 original	This sheet may be prepared using colour and may be incomplete if copied		

SCALES	
 HORIZONTAL SCALE 1:5000m	 VERTICAL SCALE 1:1000m
Co-ordinate System: MGA Zone 56	
Height Datum: A.H.D.	

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ABN 18 000 966 165

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REVIEWED:

ROADS AND MARITIME SERVICES

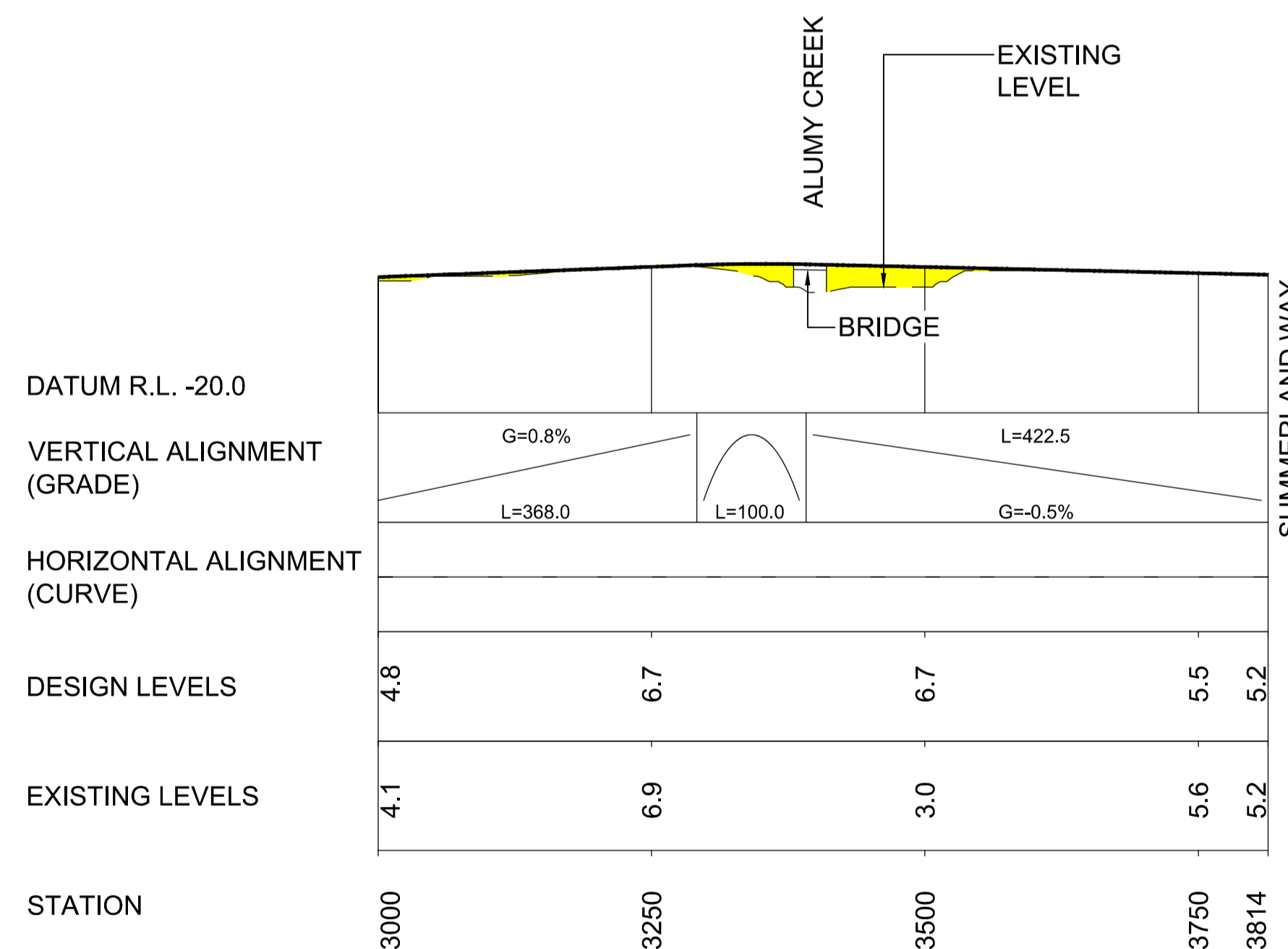
CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY

CORRIDOR 4 - PRELIMINARY ROUTE OPTION 21
PLAN AND LONGITUDINAL SECTION 1 OF 2

FILE No.	DRAWING	PRINTED DATE	SHEET No.
-	220422_SK6022.dwg	06/12/2011	22
REGISTRATION NUMBER			
0083.086.BA.2016			



PLAN



LONGITUDINAL SECTION

LEGEND - PLAN:

- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION

LEGEND - LONGITUDINAL SECTION:

- EMBANKMENT

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SCALES

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VERTICAL SCALE 1:1000m

0 100 200 300 400 500
HORIZONTAL SCALE 1:5000m

Co-ordinate System: MGA Zone 56 Height Datum: A.H.D.

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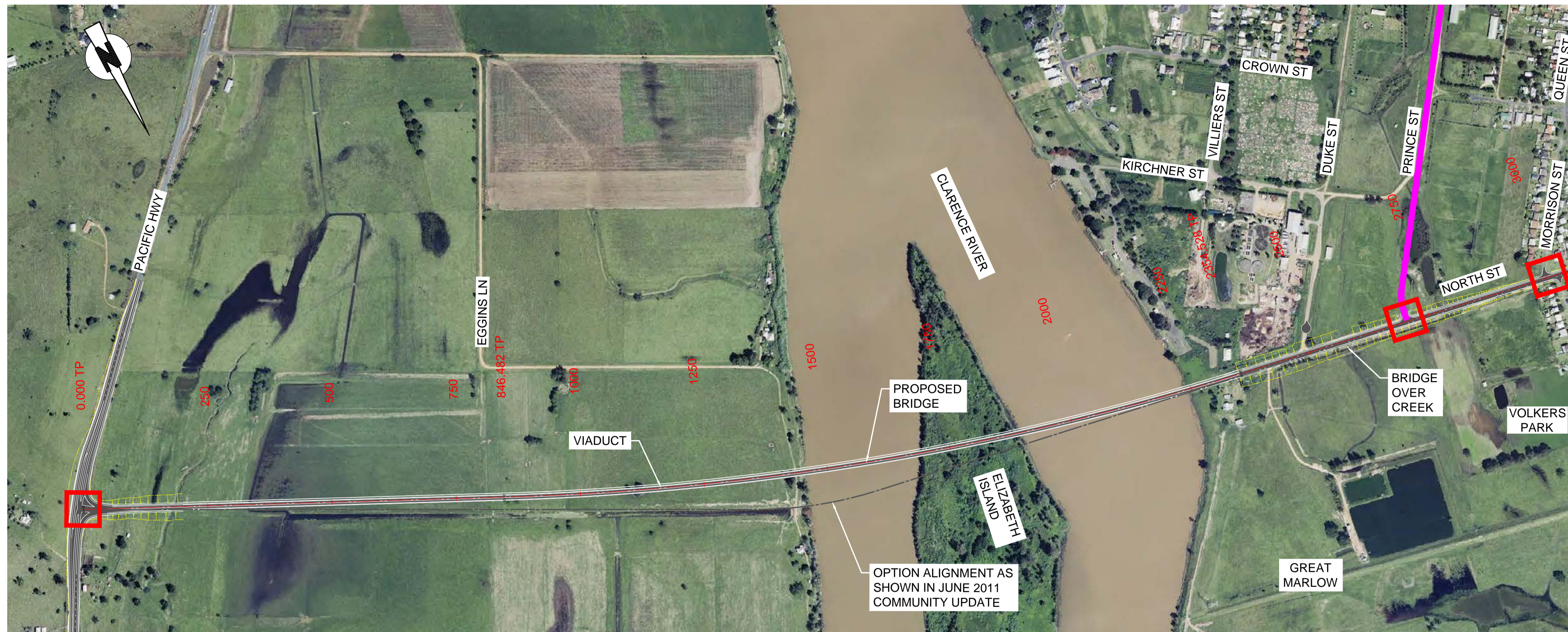
DESIGNED:

REVIEWED:

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY
ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 4 - PRELIMINARY ROUTE OPTION 21
PLAN AND LONGITUDINAL SECTION 2 OF 2

FILE No. -	DRAWING 220422_SK6023.dwg	PRINTED DATE 06/12/2011	SHEET No. 23
REGISTRATION NUMBER 0083.086.BA.2016			



FOR CONTINUATION REFER DRG 220422_SK6025

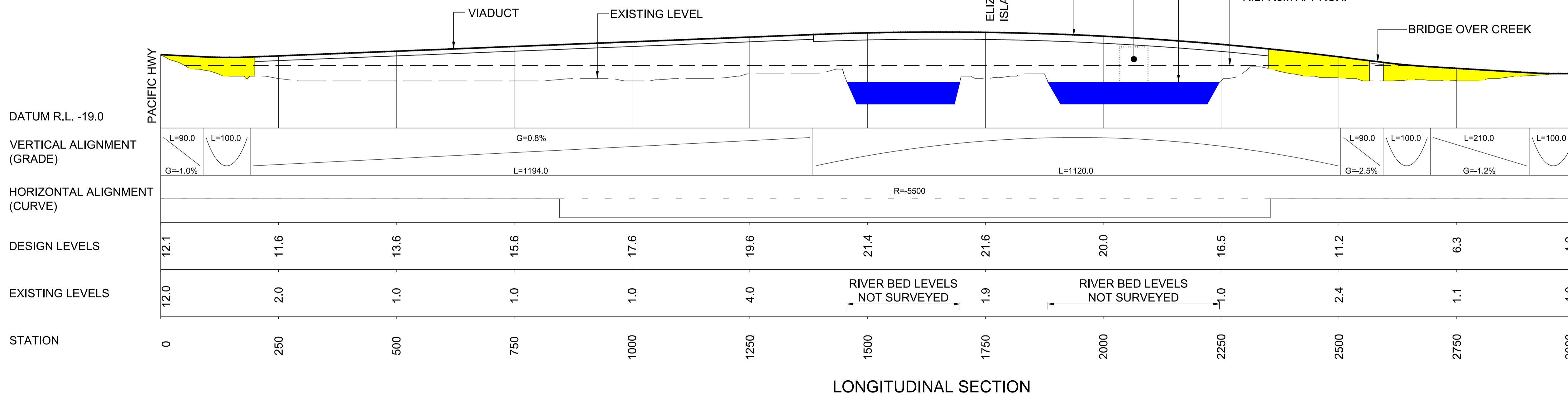
LEGEND - PLAN:

- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION
- OPTIONS ALIGNMENT AS SHOWN IN JUNE 2011 COMMUNITY UPDATE
- HEAVY VEHICLE ACCESS ROUTE UPGRADE
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LEGEND - LONGITUDINAL SECTION:

- EMBANKMENT
- CLARENCE RIVER

PLAN



LONGITUDINAL SECTION

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SCALES	
 HORIZONTAL SCALE 1:5000m	 VERTICAL SCALE 1:1000m
Co-ordinate System: MGA Zone 56	
Height Datum: A.H.D.	

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Arup Pty Ltd
ABN 18 000 966 165

DESIGNED:

REVIEWED:

ROADS AND MARITIME SERVICES

CLARENCE VALLEY COUNCIL
MAIN ROAD 83 - SUMMERLAND WAY
ADDITIONAL CROSSING OF THE CLARENCE RIVER AT GRAFTON
CORRIDOR 4 - PRELIMINARY ROUTE OPTION M
PLAN AND LONGITUDINAL SECTION 1 OF 2

FILE No.	DRAWING	PRINTED DATE	SHEET No.
-	220422_SK6024.dwg	06/12/2011	24
REGISTRATION NUMBER			
0083.086.BA.2016			



PLAN

LEGEND - PLAN:

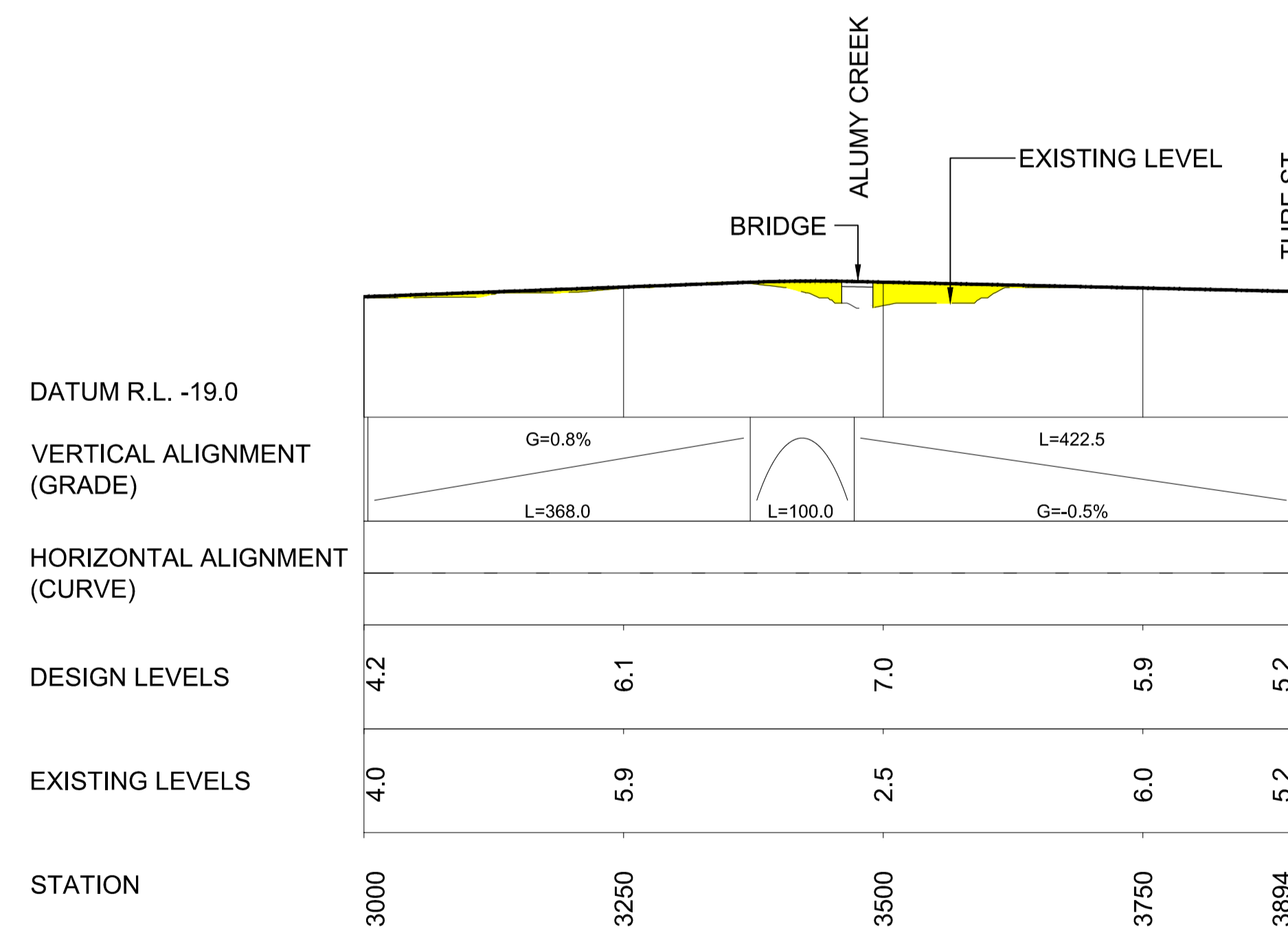
- INTERSECTION UPGRADE - TREATMENT TO BE DETERMINED
- PRELIMINARY ROUTE OPTION

LEGEND - LONGITUDINAL SECTION:

- EMBANKMENT

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SCALES

0 20 40 60 80 100

VERTICAL SCALE 1:1000m

0 100 200 300 400 500

HORIZONTAL SCALE 1:5000m

Co-ordinate System: MGA Zone 56 Height Datum: A.H.D.

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CLARENCE VALLEY COUNCIL
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PLAN AND LONGITUDINAL SECTION 2 OF 2

FILE No. -	DRAWING 220422_SK6025.dwg	PRINTED DATE 06/12/2011	SHEET No. 25
REGISTRATION NUMBER 0083.086.BA.2016			