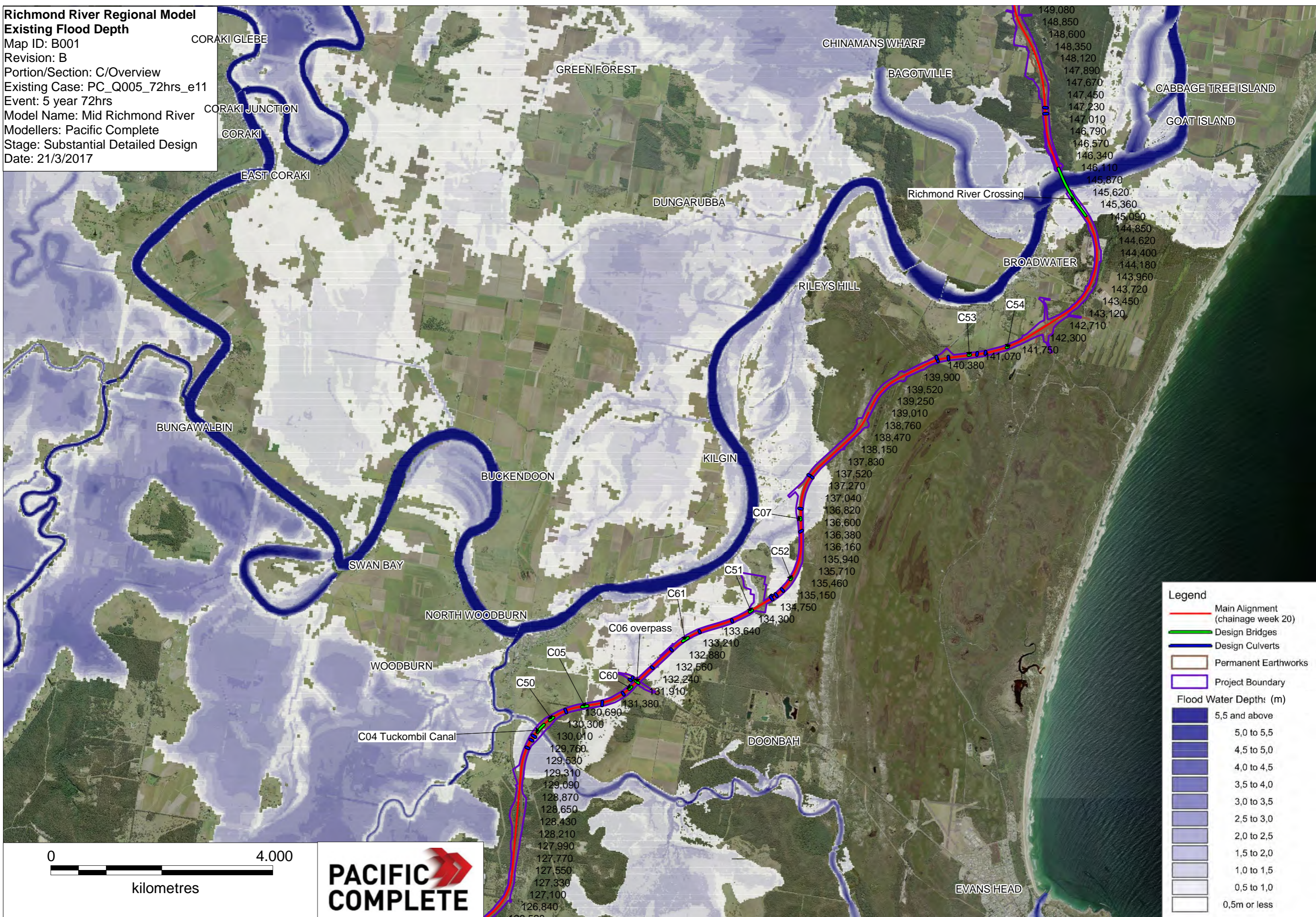


## **Appendix B**

### **Existing conditions flood maps for Mid-Richmond River regional floodplain**

**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B001  
 Revision: B  
 Portion/Section: C/Overview  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

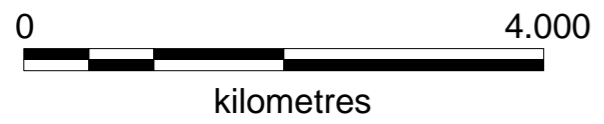


**Legend**

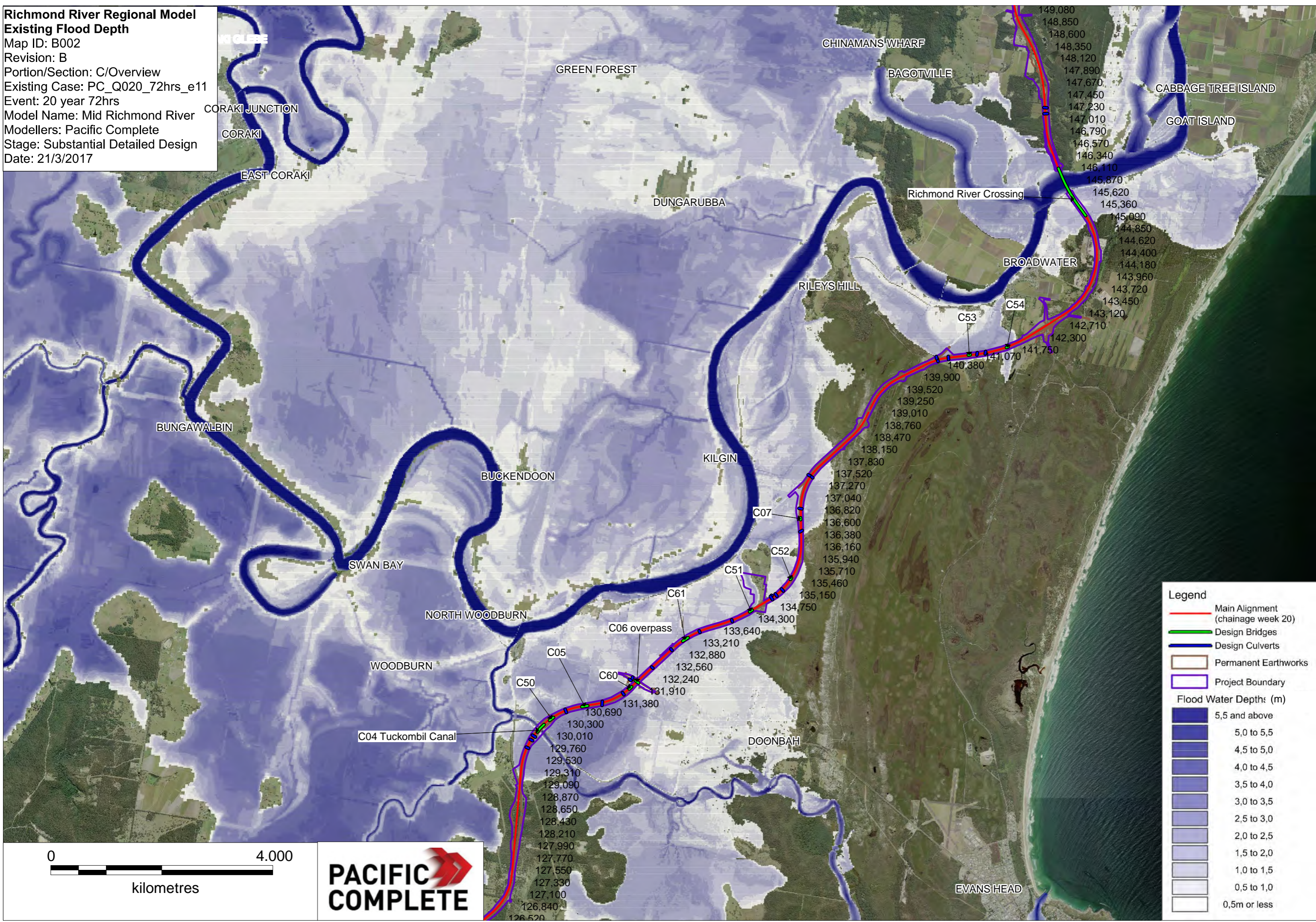
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary

**Flood Water Depth: (m)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B002  
 Revision: B  
 Portion/Section: C/Overview  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

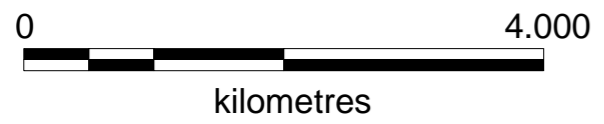


**Legend**

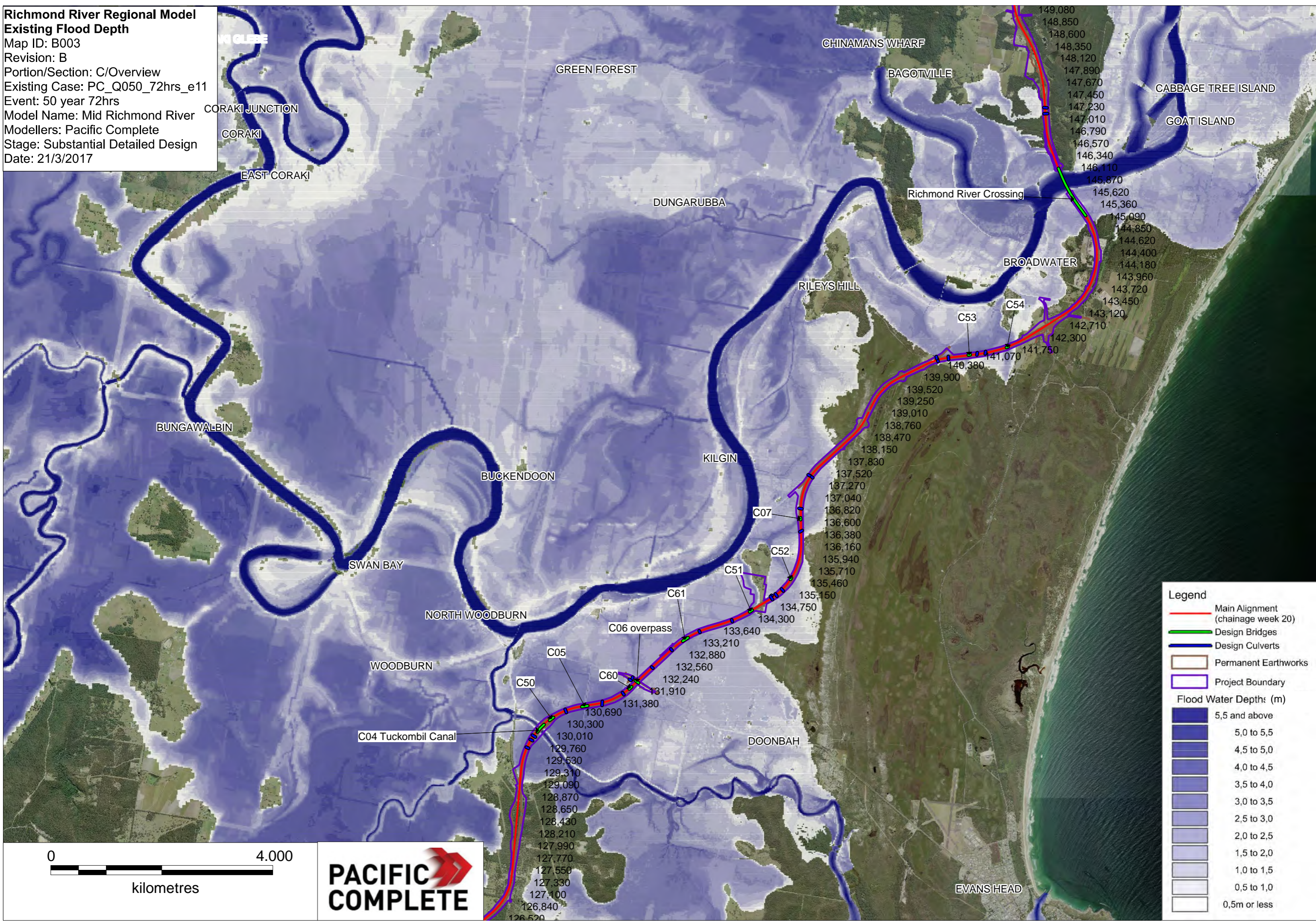
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary

**Flood Water Depth: (m)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B003  
 Revision: B  
 Portion/Section: C/Overview  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

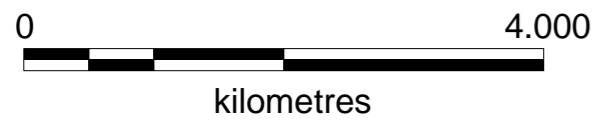


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary

**Flood Water Depth: (m)**

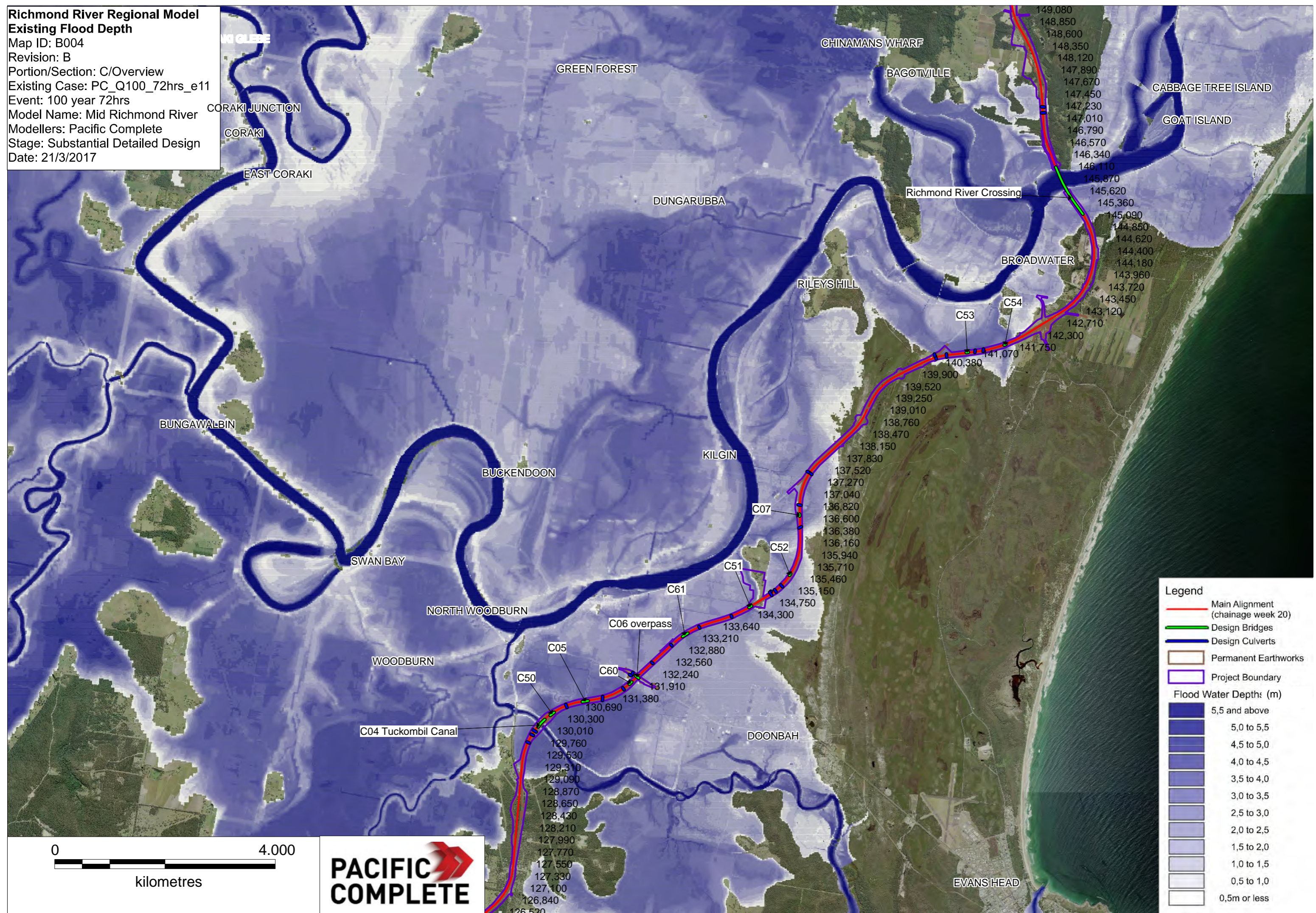
- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



Map labels and chainage data:

- CHINAMANS WHARF
- BAGOTVILLE
- CABBAGE TREE ISLAND
- GOAT ISLAND
- Richmond River Crossing
- BROADWATER
- RILEYS HILL
- C53
- C54
- 149,080
- 148,850
- 148,600
- 148,350
- 148,120
- 147,890
- 147,670
- 147,450
- 147,230
- 147,010
- 146,790
- 146,570
- 146,340
- 146,110
- 145,870
- 145,620
- 145,360
- 145,090
- 144,850
- 144,620
- 144,400
- 144,180
- 143,960
- 143,720
- 143,450
- 143,120
- 142,710
- 142,300
- 141,750
- 141,070
- 140,380
- 139,900
- 139,520
- 139,250
- 139,010
- 138,760
- 138,470
- 138,150
- 137,830
- 137,520
- 137,270
- 137,040
- 136,820
- 136,600
- 136,380
- 136,160
- 135,940
- 135,710
- 135,460
- 135,150
- 134,750
- 134,300
- 133,640
- 133,210
- 132,880
- 132,560
- 132,240
- 131,910
- 131,380
- 130,690
- 130,300
- 130,010
- 129,760
- 129,530
- 129,310
- 129,090
- 128,870
- 128,650
- 128,430
- 128,210
- 127,990
- 127,770
- 127,550
- 127,330
- 127,100
- 126,840
- 126,520

**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B004  
 Revision: B  
 Portion/Section: C/Overview  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

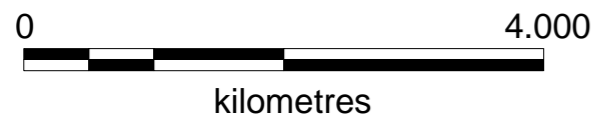


**Legend**

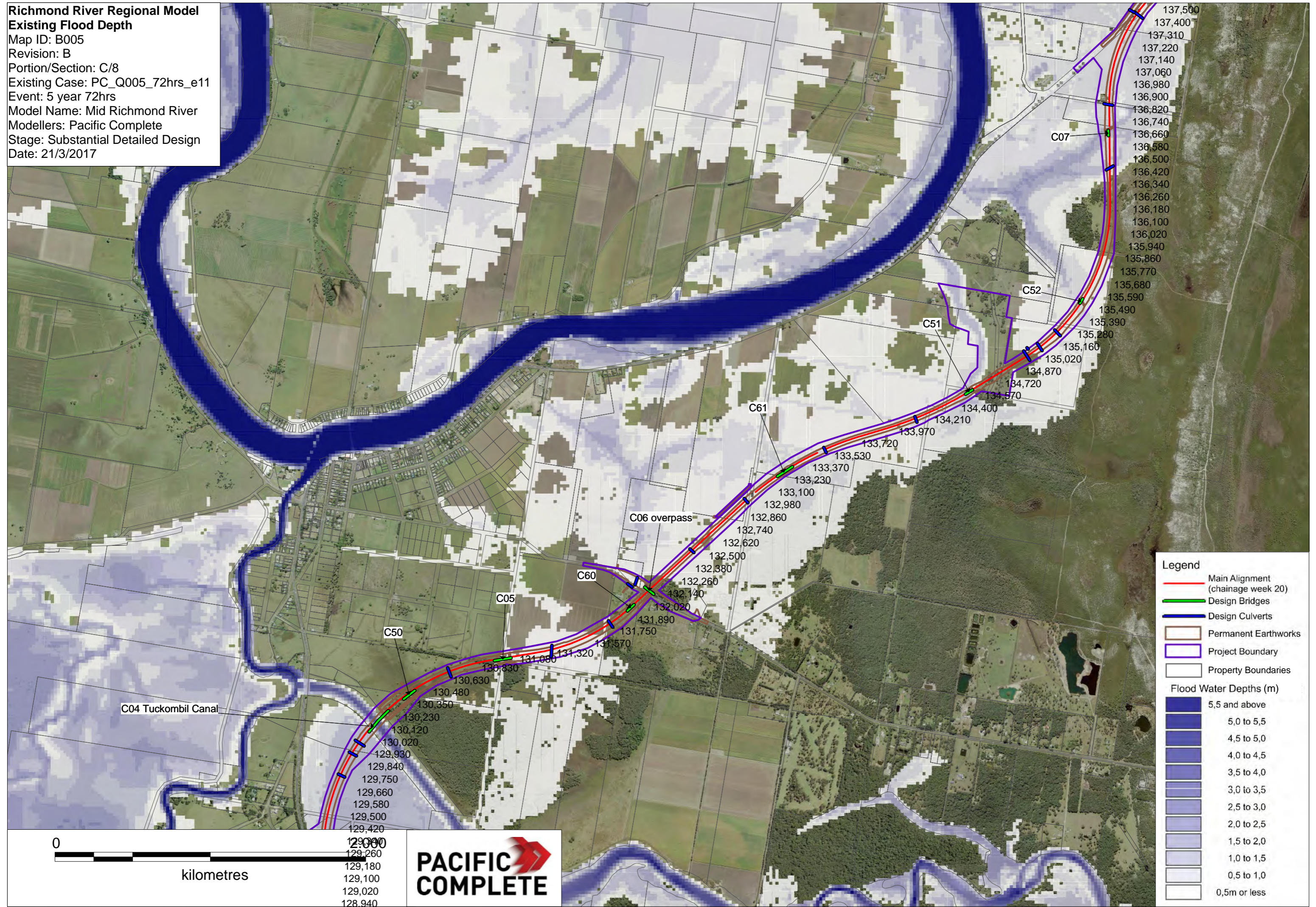
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary

**Flood Water Depth: (m)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



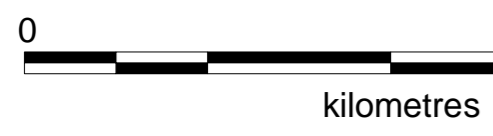
**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B005  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



- Legend**
- Main Alignment (chainage week 20)
  - Design Bridges
  - Design Culverts
  - Permanent Earthworks
  - Project Boundary
  - Property Boundaries

**Flood Water Depths (m)**

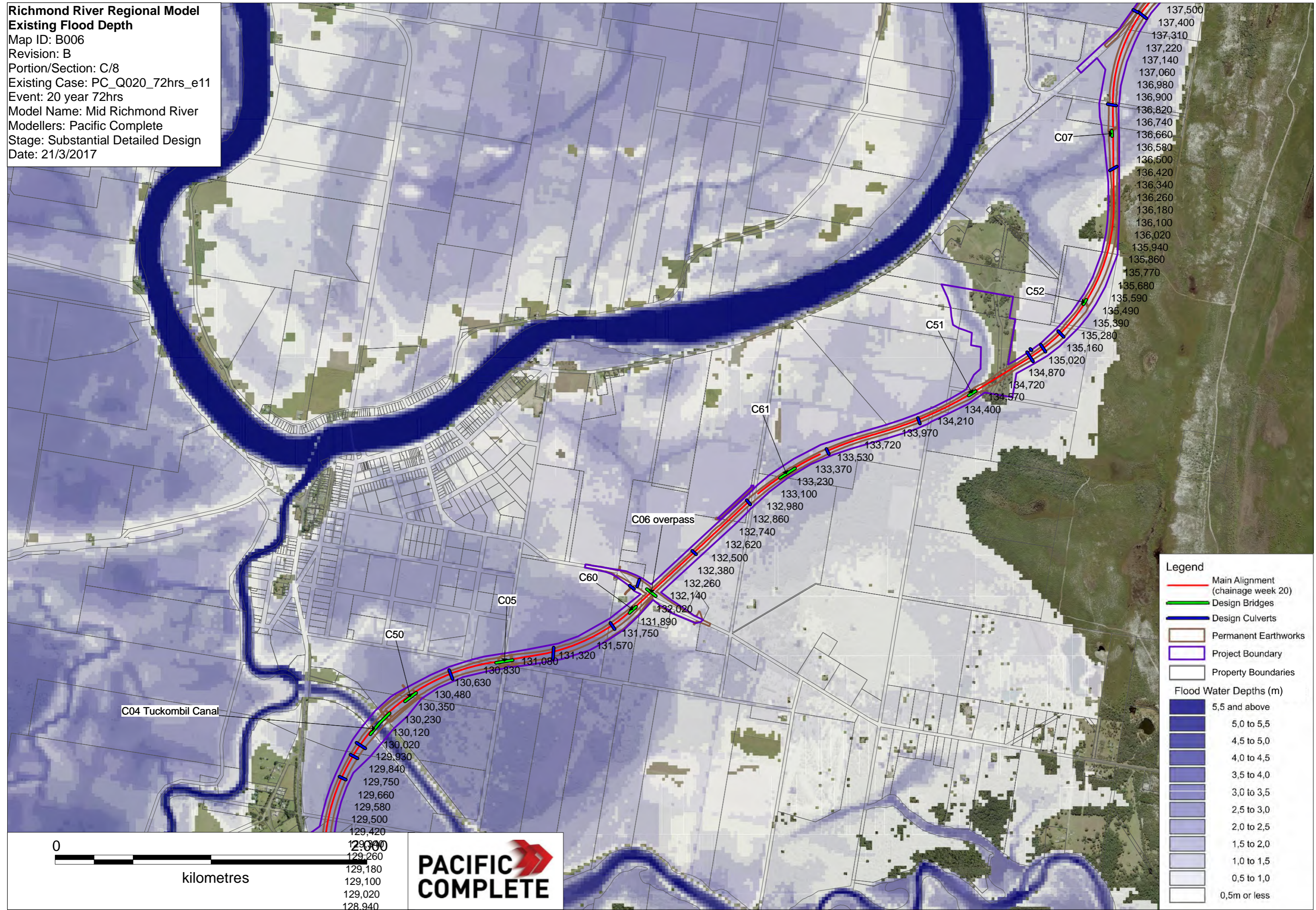
	5,5 and above
	5,0 to 5,5
	4,5 to 5,0
	4,0 to 4,5
	3,5 to 4,0
	3,0 to 3,5
	2,5 to 3,0
	2,0 to 2,5
	1,5 to 2,0
	1,0 to 1,5
	0,5 to 1,0
	0,5m or less



129,940  
129,960  
129,980  
129,100  
129,020  
128,940

137,500  
137,400  
137,310  
137,220  
137,140  
137,060  
136,980  
136,900  
136,820  
136,740  
136,660  
136,580  
136,500  
136,420  
136,340  
136,260  
136,180  
136,100  
136,020  
135,940  
135,860  
135,770  
135,680  
135,590  
135,490  
135,390  
135,280  
135,160  
135,020  
134,870  
134,720  
134,570  
134,400  
134,210  
133,970  
133,720  
133,530  
133,370  
133,230  
133,100  
132,980  
132,860  
132,740  
132,620  
132,500  
132,380  
132,260  
132,140  
132,020  
131,890  
131,750  
131,570  
131,320  
131,080  
130,830  
130,630  
130,480  
130,350  
130,230  
130,120  
130,020  
129,930  
129,840  
129,750  
129,660  
129,580  
129,500  
129,420

**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B006  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

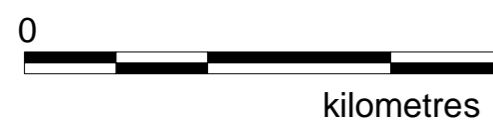


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Water Depths (m)**

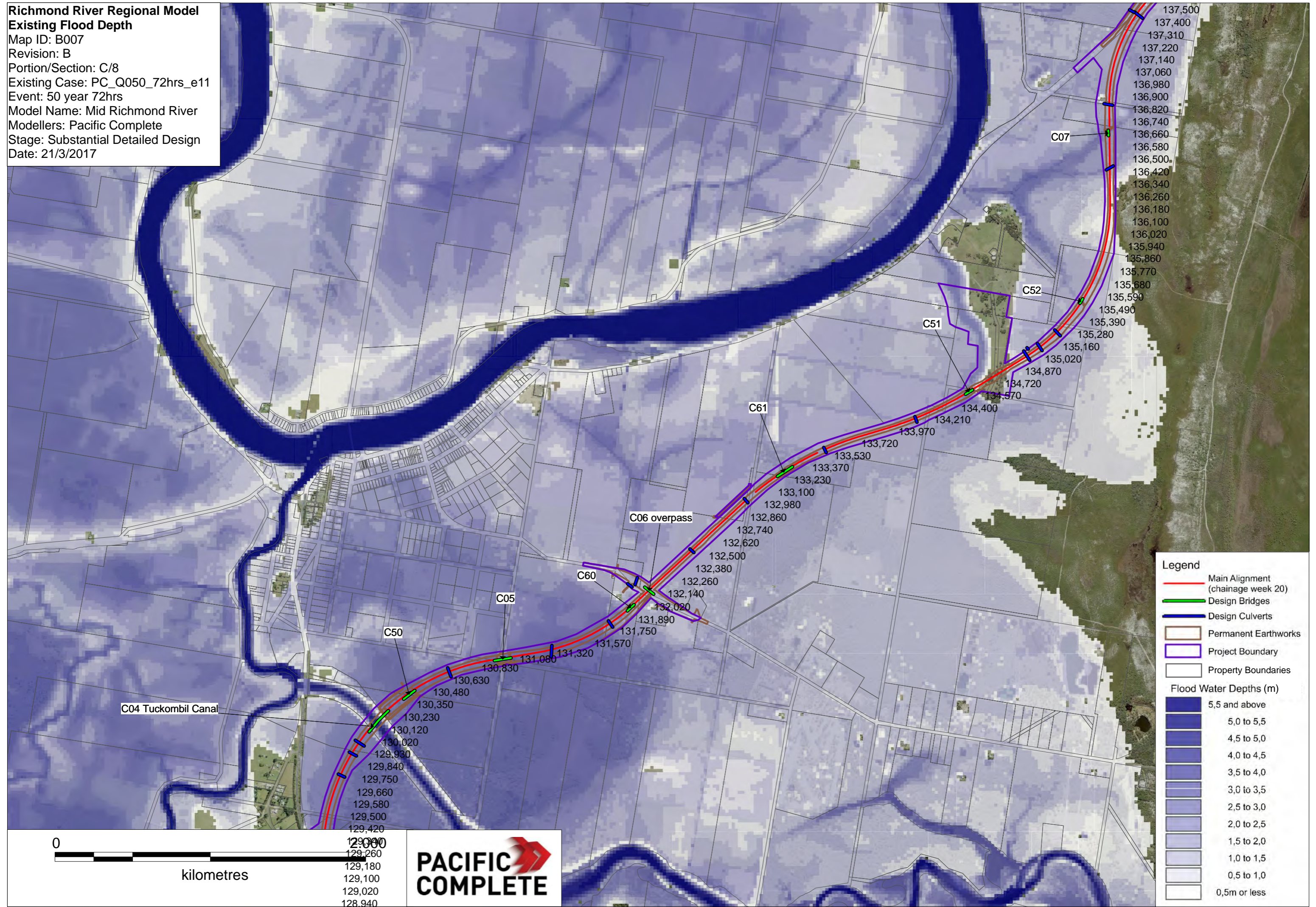
- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



129,000  
129,260  
129,180  
129,100  
129,020  
128,940

137,500  
137,400  
137,310  
137,220  
137,140  
137,060  
136,980  
136,900  
136,820  
136,740  
136,660  
136,580  
136,500  
136,420  
136,340  
136,260  
136,180  
136,100  
136,020  
135,940  
135,860  
135,770  
135,680  
135,590  
135,490  
135,390  
135,280  
135,160  
135,020  
134,870  
134,720  
134,570  
134,400  
134,210  
133,970  
133,720  
133,530  
133,370  
133,230  
133,100  
132,980  
132,860  
132,740  
132,620  
132,500  
132,380  
132,260  
132,140  
132,020  
131,890  
131,750  
131,570  
131,320  
131,080  
130,830  
130,630  
130,480  
130,350  
130,230  
130,120  
130,020  
129,930  
129,840  
129,750  
129,660  
129,580  
129,500  
129,420

**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B007  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



**Legend**

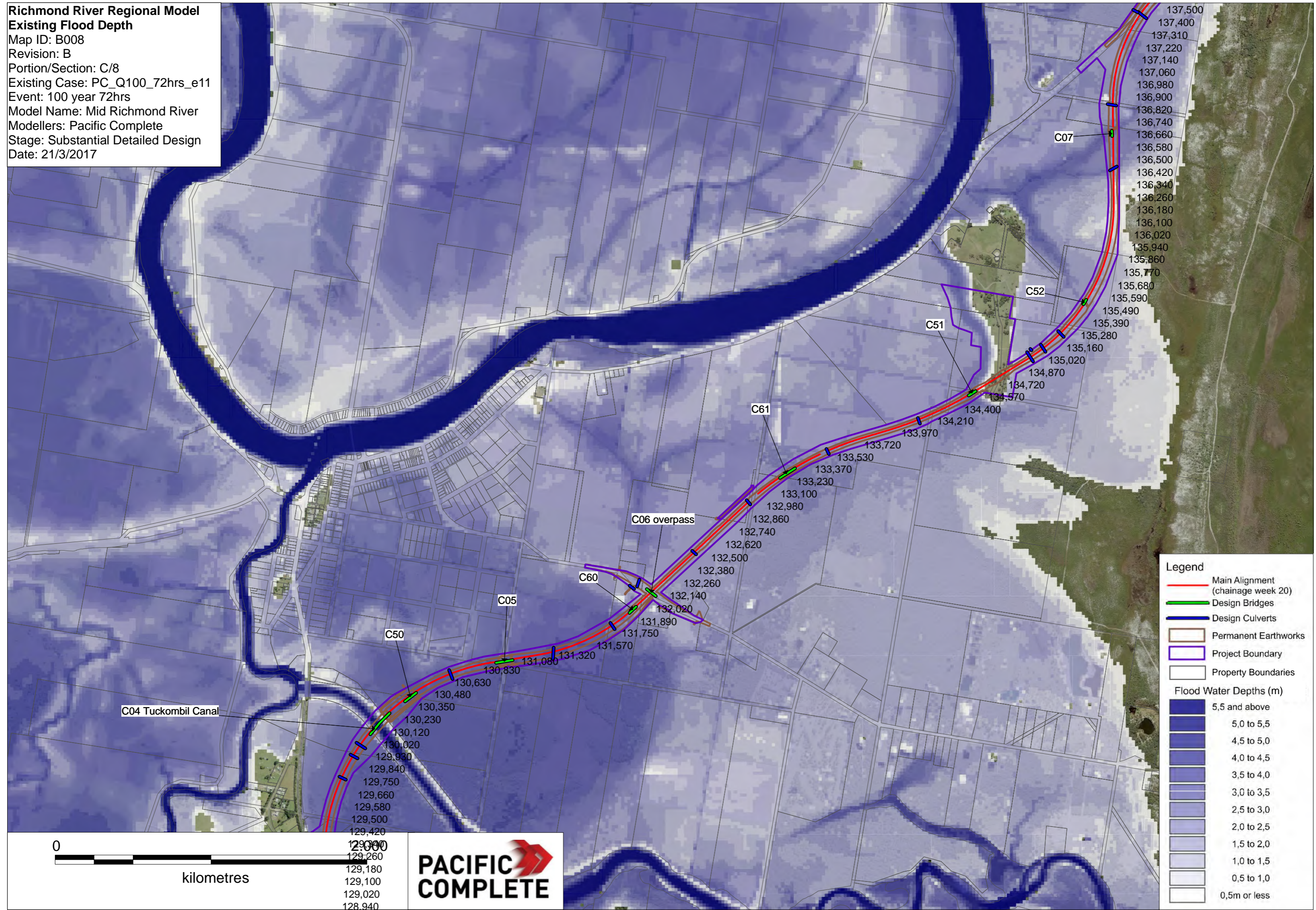
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Water Depths (m)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B008  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

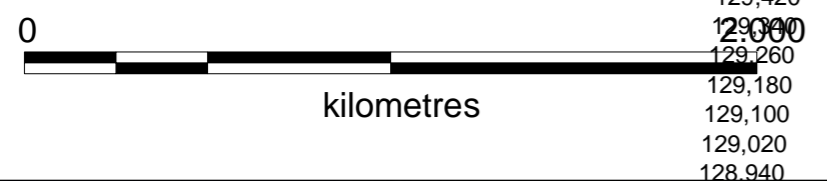


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Water Depths (m)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



C04 Tuckombil Canal

C50

C05

C60

C06 overpass

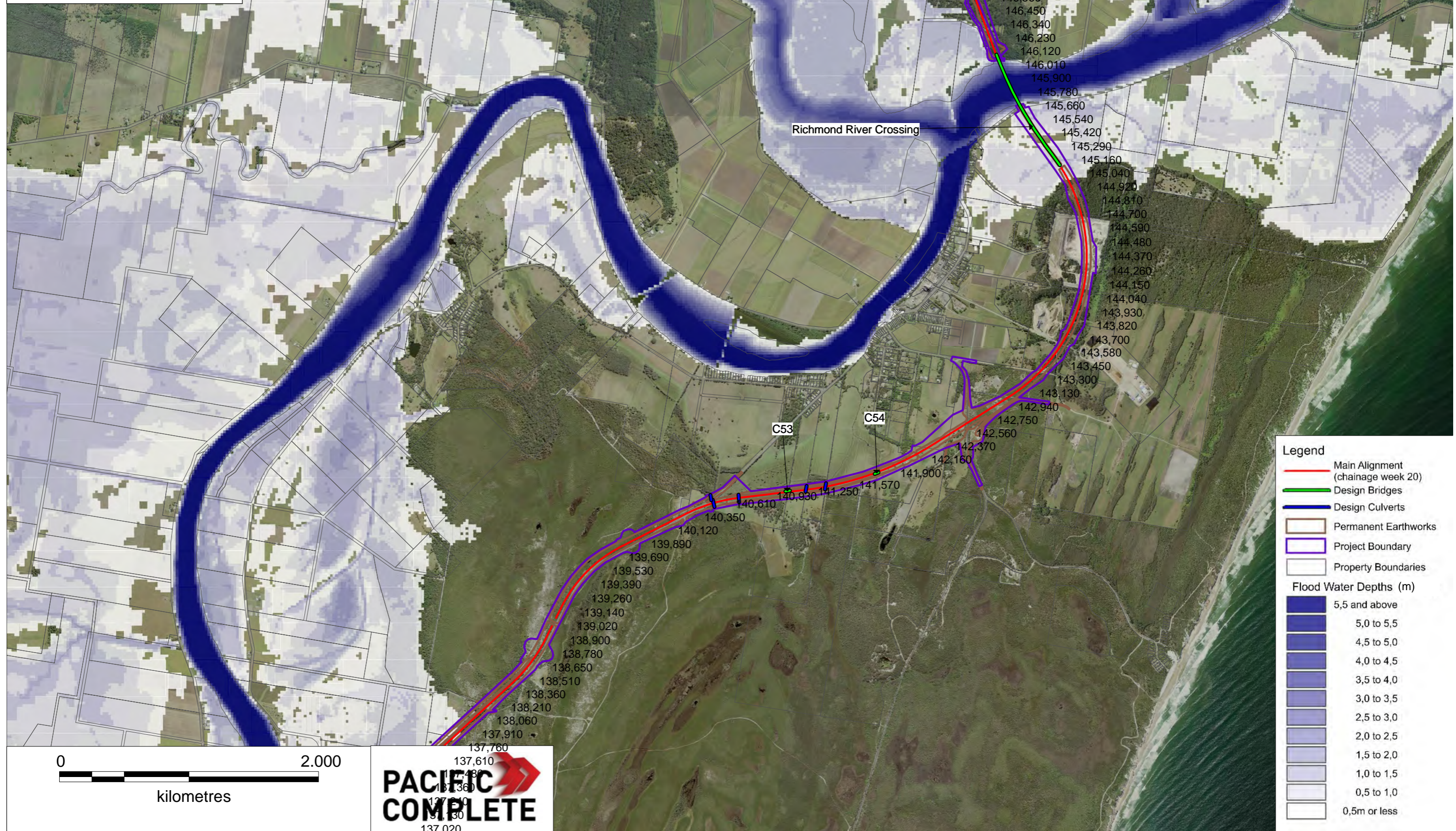
C61

C51

C52

C07

**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B009  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



147,880  
 147,770  
 147,660  
 147,550  
 147,440  
 147,330  
 147,220  
 147,110  
 147,000  
 146,890  
 146,780  
 146,670  
 146,560  
 146,450  
 146,340  
 146,230  
 146,120  
 146,010  
 145,900  
 145,780  
 145,660  
 145,540  
 145,420  
 145,290  
 145,160  
 145,040  
 144,920  
 144,810  
 144,700  
 144,590  
 144,480  
 144,370  
 144,260  
 144,150  
 144,040  
 143,930  
 143,820  
 143,700  
 143,580  
 143,450  
 143,300  
 143,130  
 142,940  
 142,750  
 142,560  
 142,370  
 142,160  
 141,900  
 141,570  
 140,930  
 140,610  
 140,350  
 140,120  
 139,890  
 139,690  
 139,530  
 139,390  
 139,260  
 139,140  
 139,020  
 138,900  
 138,780  
 138,650  
 138,510  
 138,360  
 138,210  
 138,060  
 137,910  
 137,760  
 137,610  
 137,480  
 137,360  
 137,210  
 137,130  
 137,020

Richmond River Crossing

C53

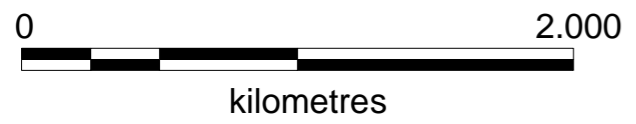
C54

**Legend**

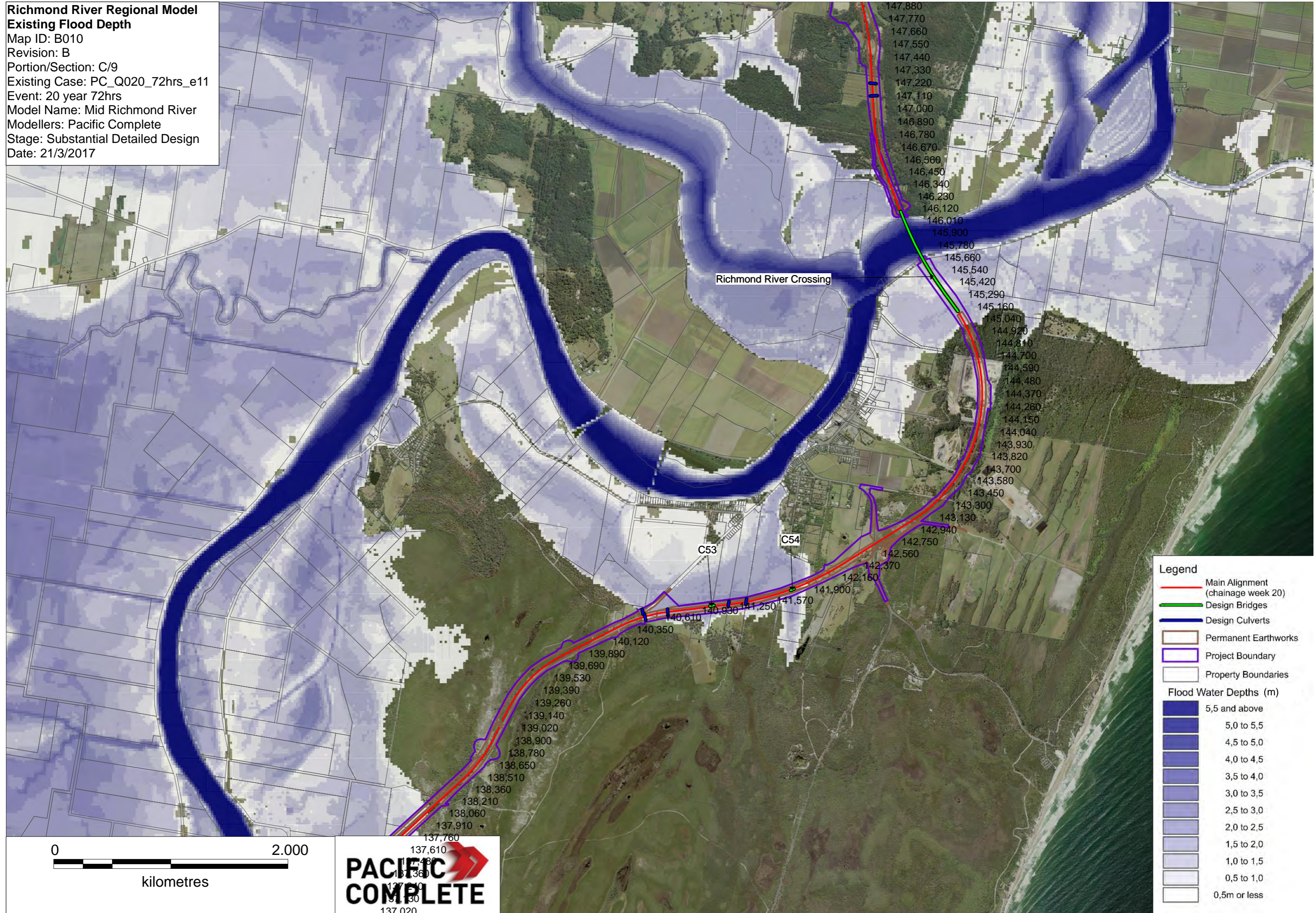
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Water Depths (m)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



**Richmond River Regional Model**  
**Existing Flood Depth**  
 Map ID: B010  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



Richmond River Crossing

C53

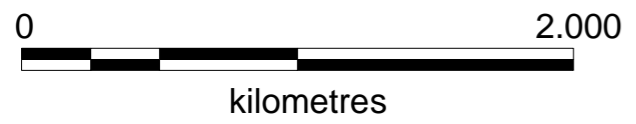
C54

**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

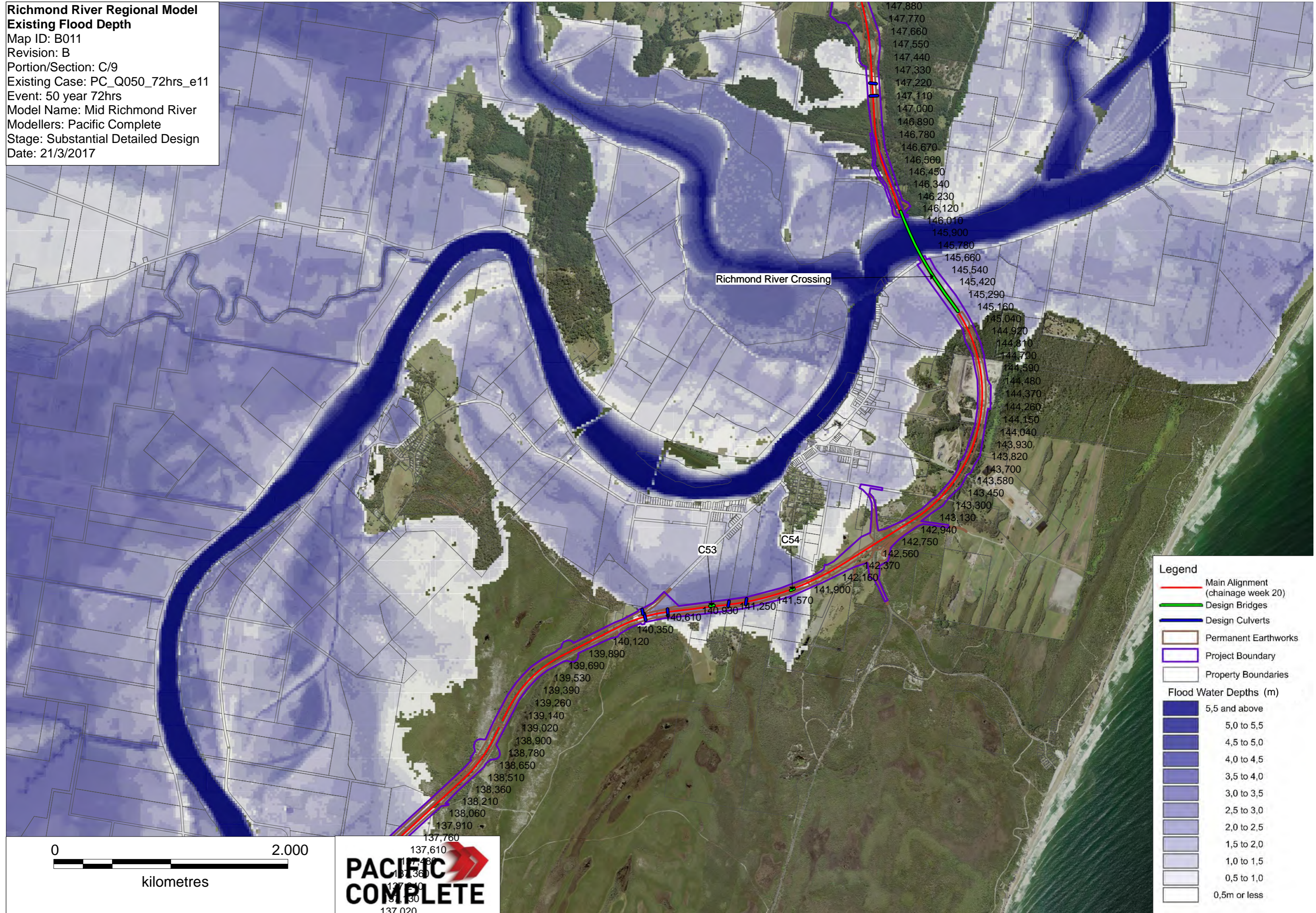
**Flood Water Depths (m)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



147,880  
147,770  
147,660  
147,550  
147,440  
147,330  
147,220  
147,110  
147,000  
146,890  
146,780  
146,670  
146,560  
146,450  
146,340  
146,230  
146,120  
146,010  
145,900  
145,780  
145,660  
145,540  
145,420  
145,290  
145,160  
145,040  
144,920  
144,810  
144,700  
144,590  
144,480  
144,370  
144,260  
144,150  
144,040  
143,930  
143,820  
143,700  
143,580  
143,450  
143,300  
143,130  
142,940  
142,750  
142,560  
142,370  
142,160  
141,900  
141,570  
141,250  
140,930  
140,610  
140,350  
140,120  
139,890  
139,690  
139,530  
139,390  
139,260  
139,140  
139,020  
138,900  
138,780  
138,650  
138,510  
138,360  
138,210  
138,060  
137,910  
137,760  
137,610  
137,480  
137,360  
137,210  
137,130  
137,020

**Richmond River Regional Model  
Existing Flood Depth**  
 Map ID: B011  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

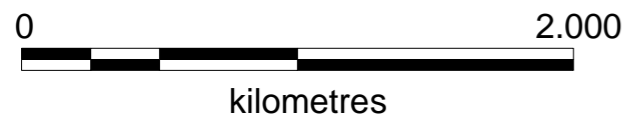


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

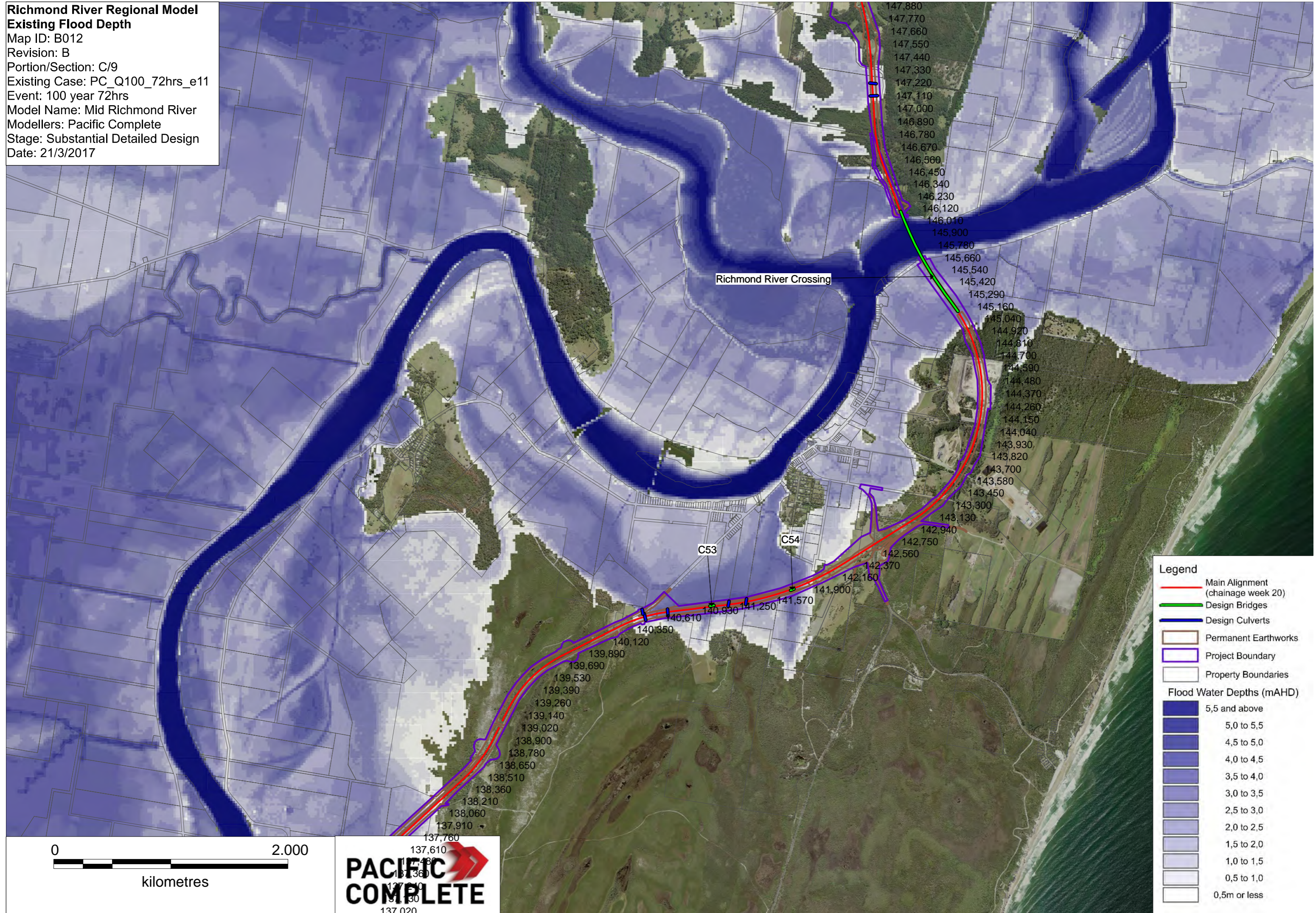
**Flood Water Depths (m)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



137,610  
137,480  
137,360  
137,190  
137,150  
137,020

**Richmond River Regional Model  
Existing Flood Depth**  
 Map ID: B012  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

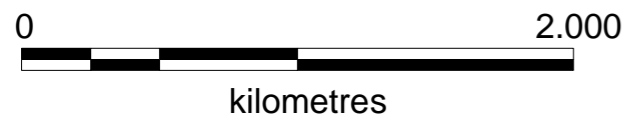


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

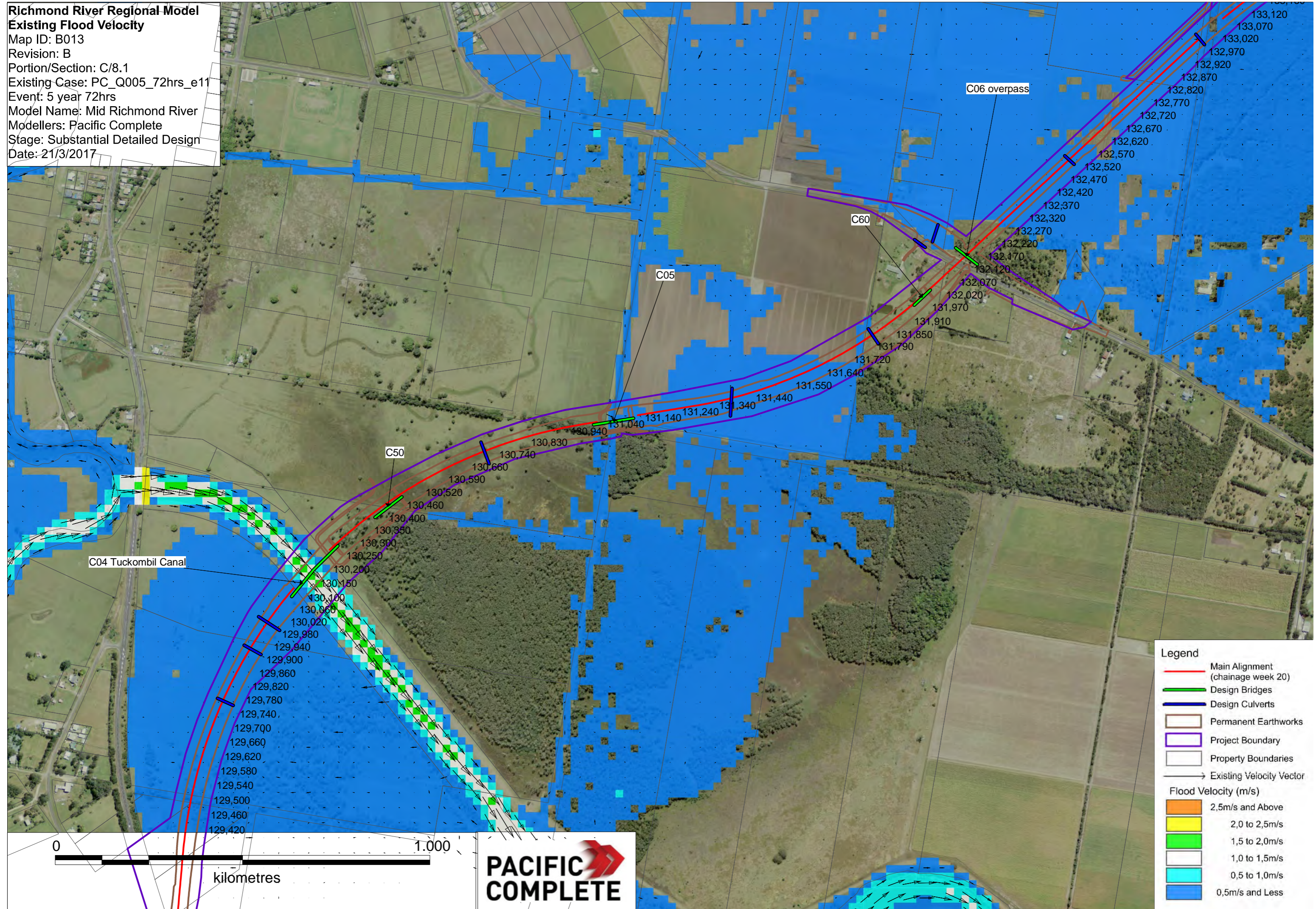
**Flood Water Depths (mAH)**

- 5,5 and above
- 5,0 to 5,5
- 4,5 to 5,0
- 4,0 to 4,5
- 3,5 to 4,0
- 3,0 to 3,5
- 2,5 to 3,0
- 2,0 to 2,5
- 1,5 to 2,0
- 1,0 to 1,5
- 0,5 to 1,0
- 0,5m or less



137,610  
137,480  
137,360  
137,190  
137,150  
137,020

**Richmond River Regional Model  
Existing Flood Velocity**  
 Map ID: B013  
 Revision: B  
 Portion/Section: C/8.1  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



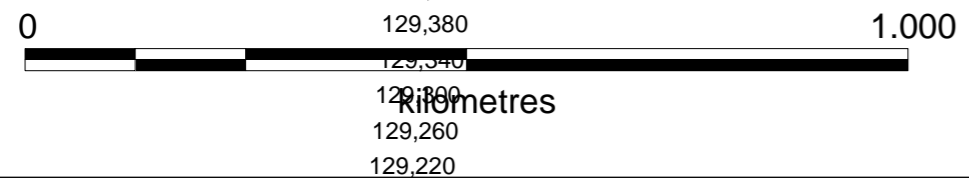
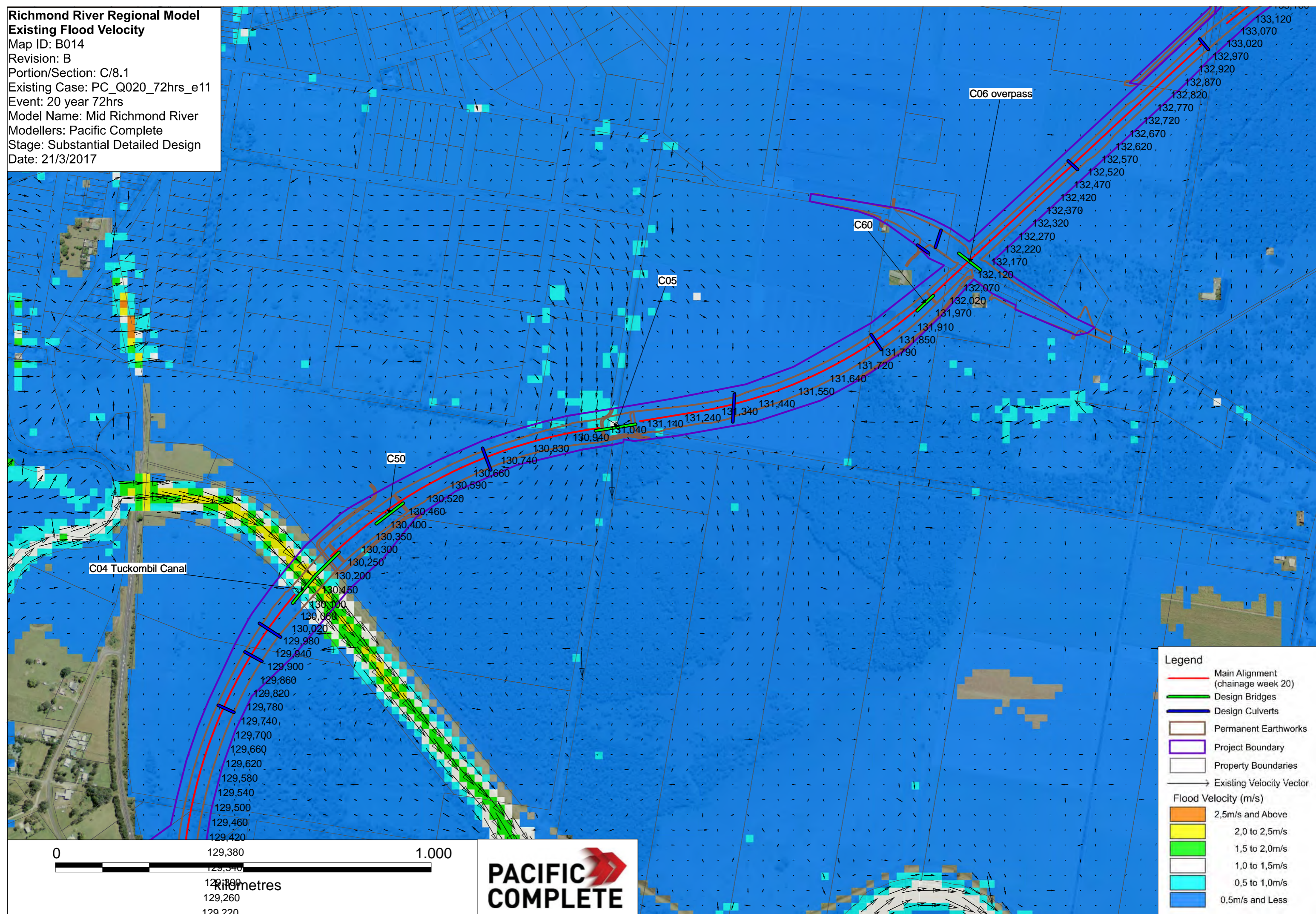
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2,5m/s and Above
- 2,0 to 2,5m/s
- 1,5 to 2,0m/s
- 1,0 to 1,5m/s
- 0,5 to 1,0m/s
- 0,5m/s and Less

**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B014  
 Revision: B  
 Portion/Section: C/8.1  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



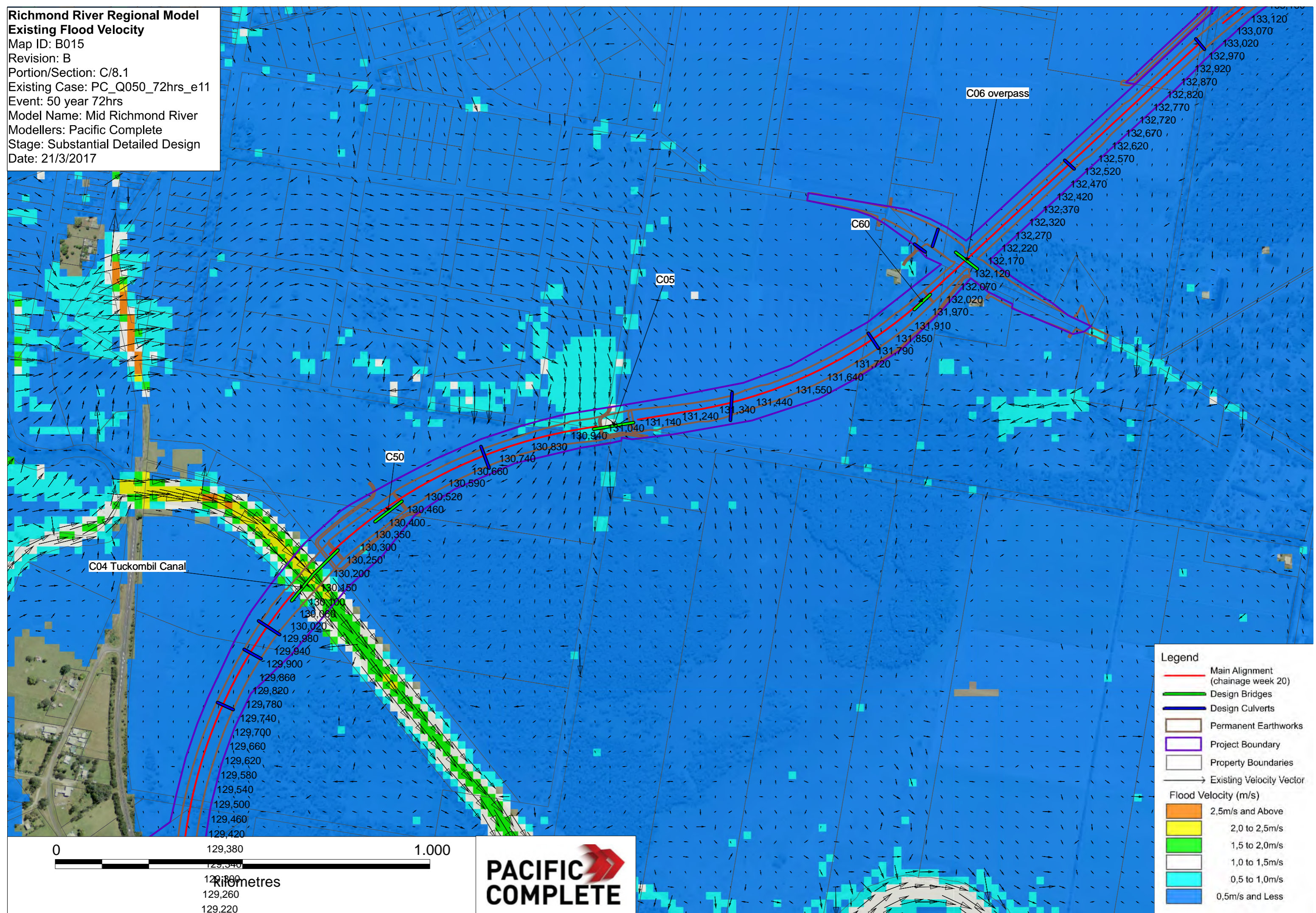
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2.5m/s and Above
- 2.0 to 2.5m/s
- 1.5 to 2.0m/s
- 1.0 to 1.5m/s
- 0.5 to 1.0m/s
- 0.5m/s and Less

**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B015  
 Revision: B  
 Portion/Section: C/8.1  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

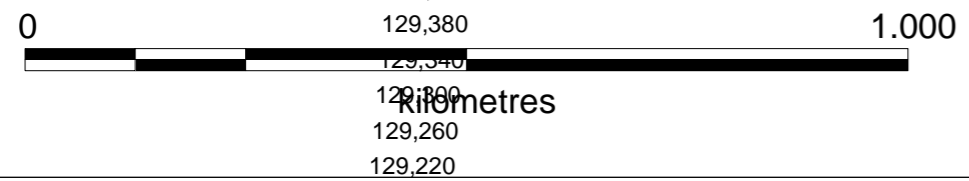


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

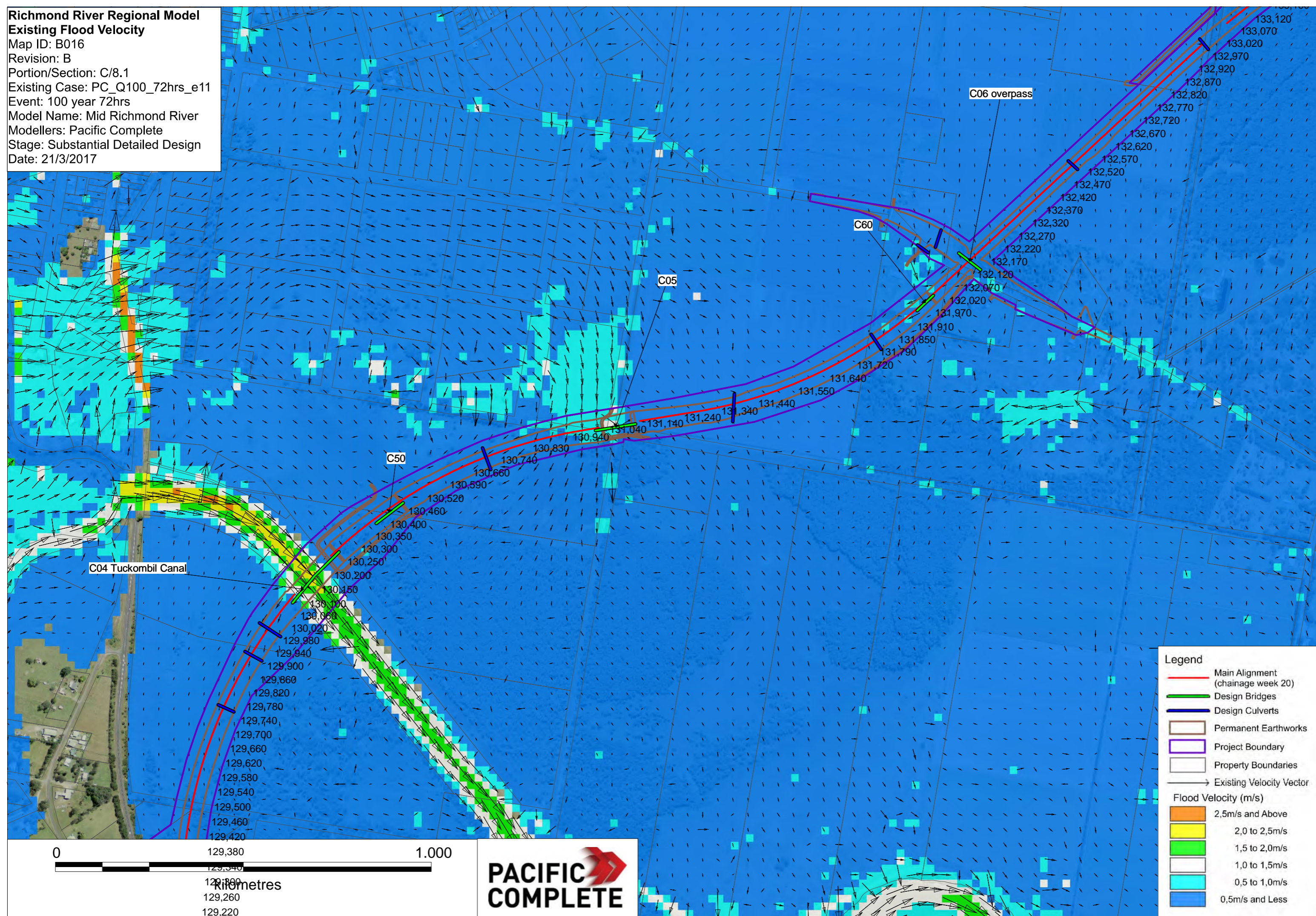
**Flood Velocity (m/s)**

- 2.5m/s and Above
- 2.0 to 2.5m/s
- 1.5 to 2.0m/s
- 1.0 to 1.5m/s
- 0.5 to 1.0m/s
- 0.5m/s and Less





**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B016  
 Revision: B  
 Portion/Section: C/8.1  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

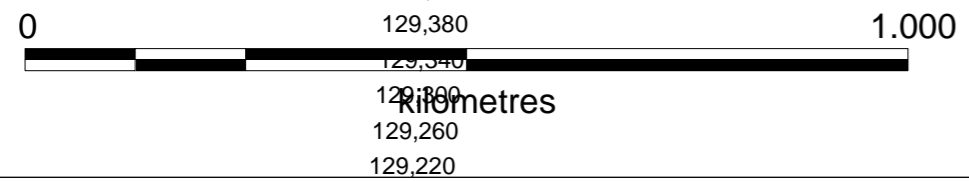


**Legend**

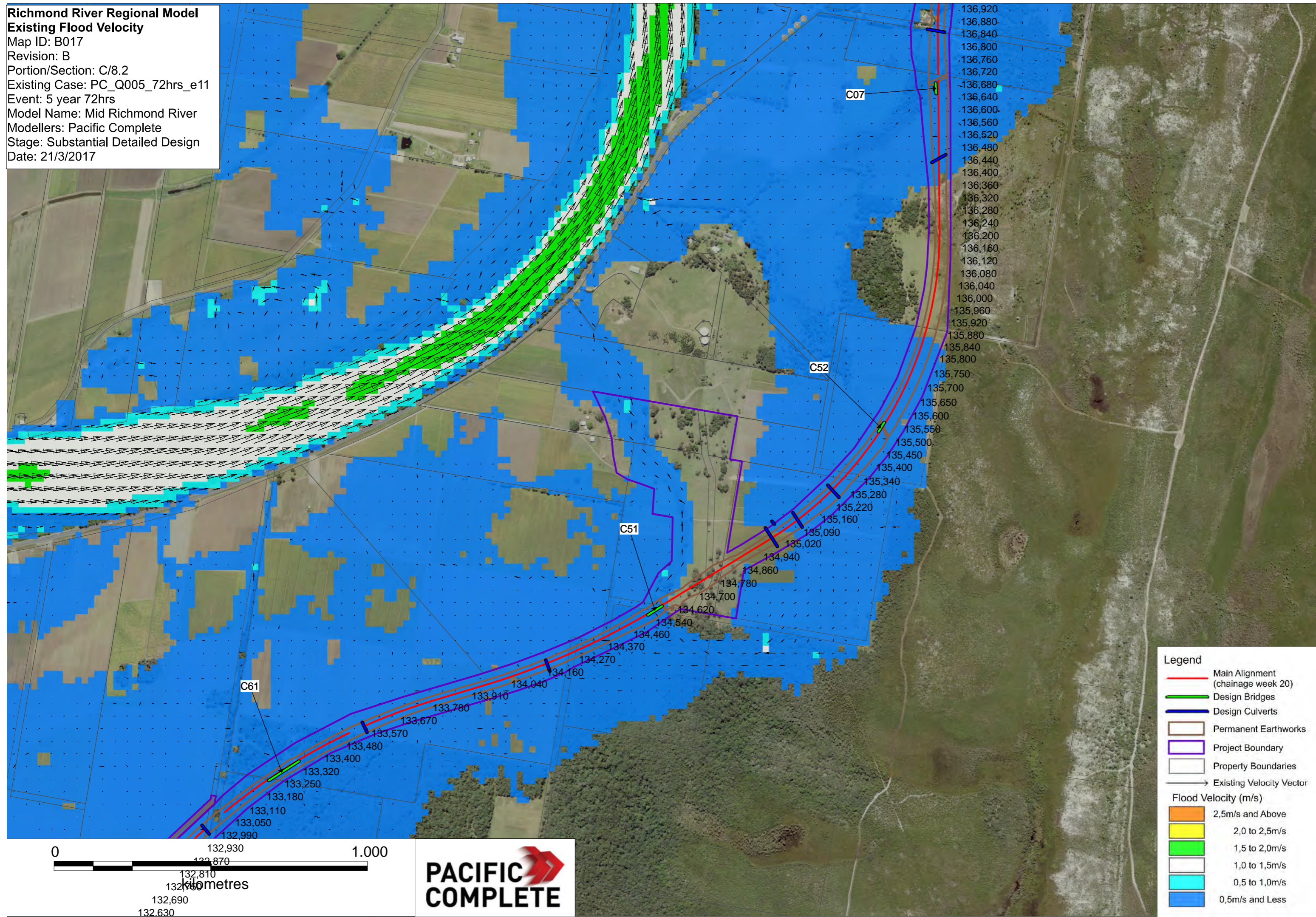
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2.5m/s and Above
- 2.0 to 2,5m/s
- 1,5 to 2,0m/s
- 1,0 to 1,5m/s
- 0,5 to 1,0m/s
- 0,5m/s and Less



**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B017  
 Revision: B  
 Portion/Section: C/8.2  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

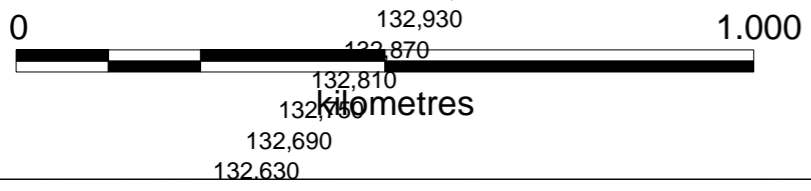


**Legend**

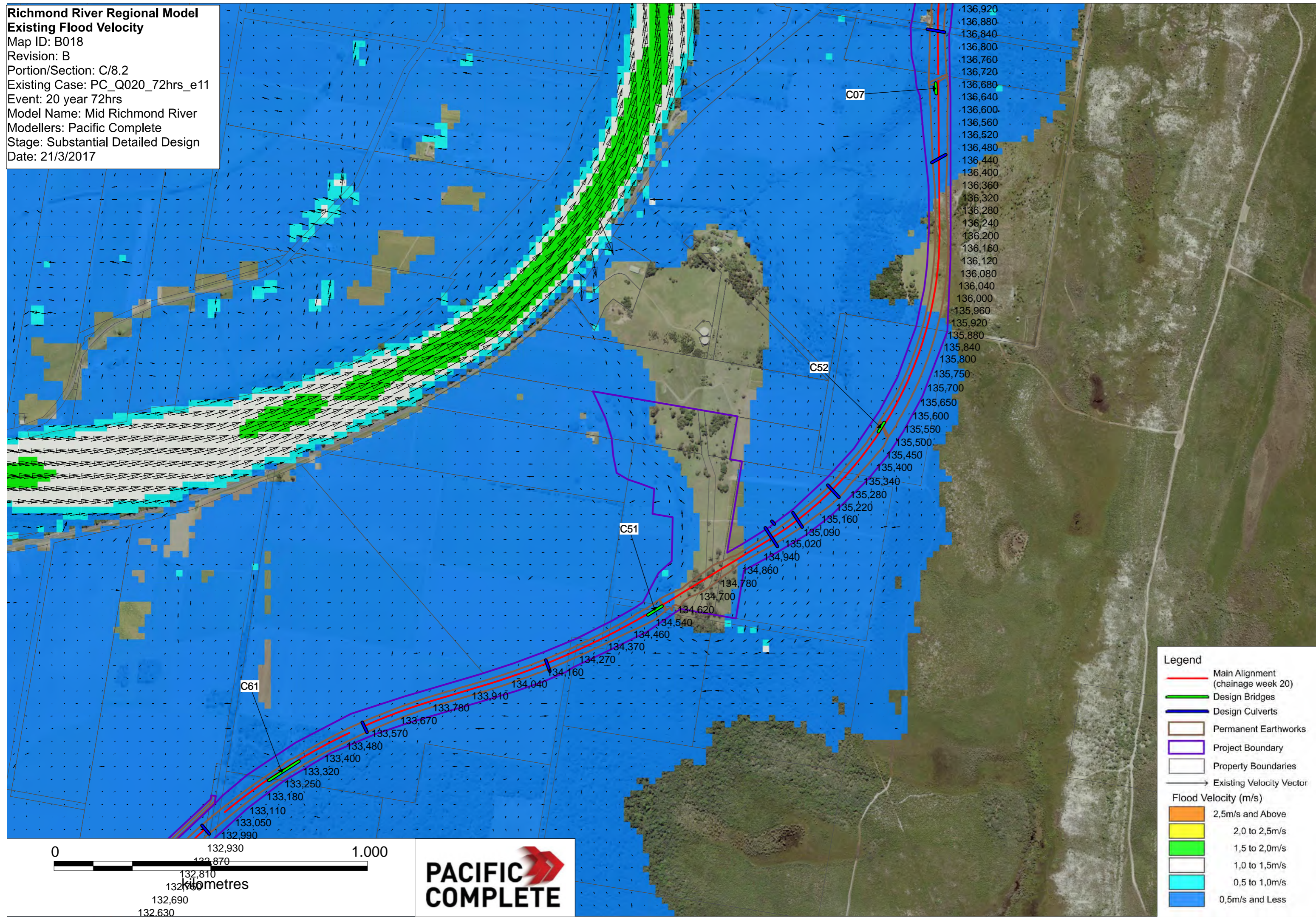
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2,5m/s and Above
- 2,0 to 2,5m/s
- 1,5 to 2,0m/s
- 1,0 to 1,5m/s
- 0,5 to 1,0m/s
- 0,5m/s and Less



**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B018  
 Revision: B  
 Portion/Section: C/8.2  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

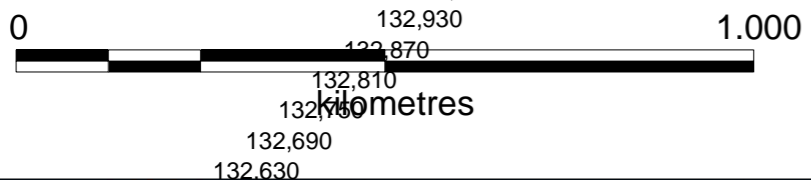


**Legend**

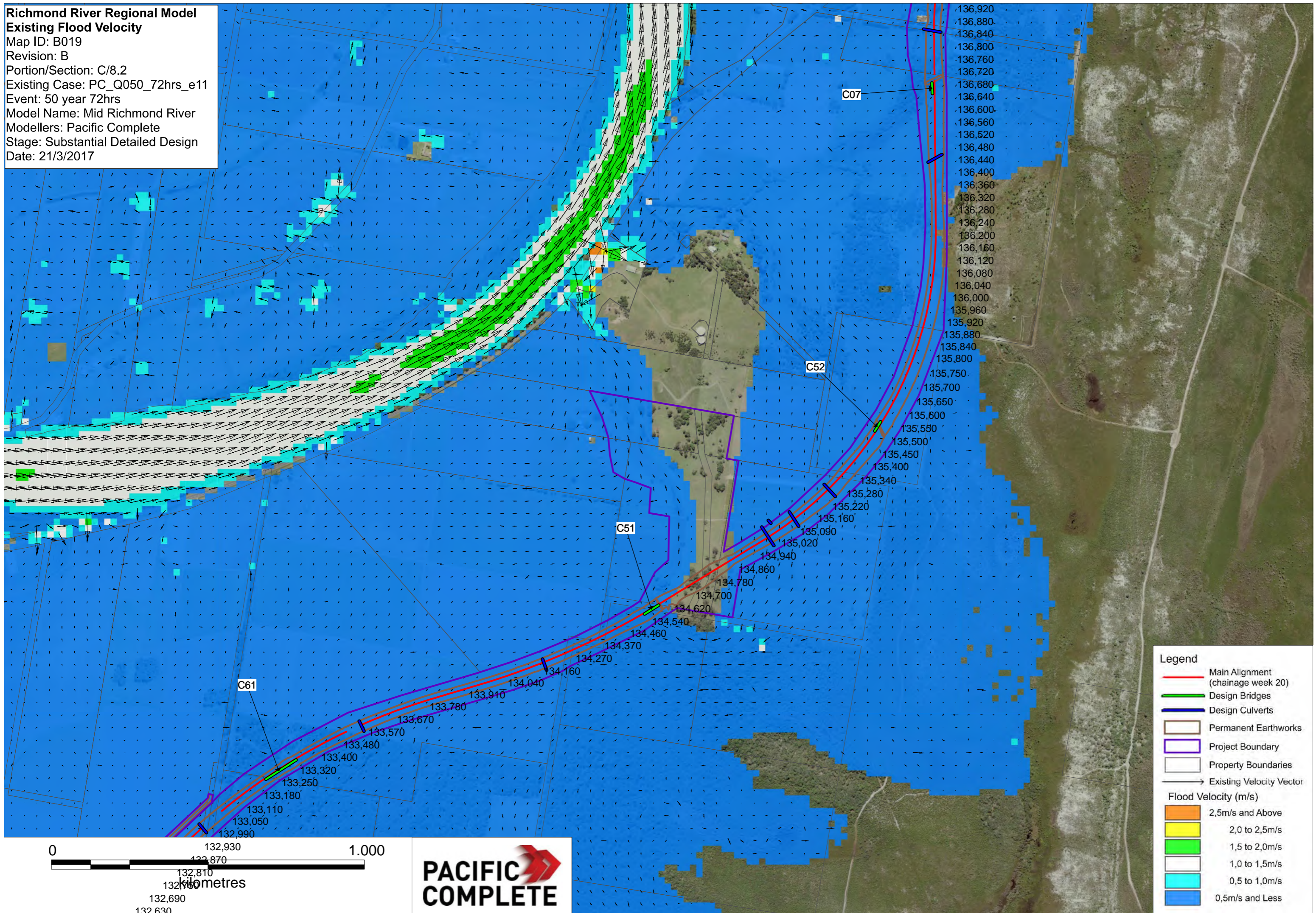
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2,5m/s and Above
- 2,0 to 2,5m/s
- 1,5 to 2,0m/s
- 1,0 to 1,5m/s
- 0,5 to 1,0m/s
- 0,5m/s and Less



**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B019  
 Revision: B  
 Portion/Section: C/8.2  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



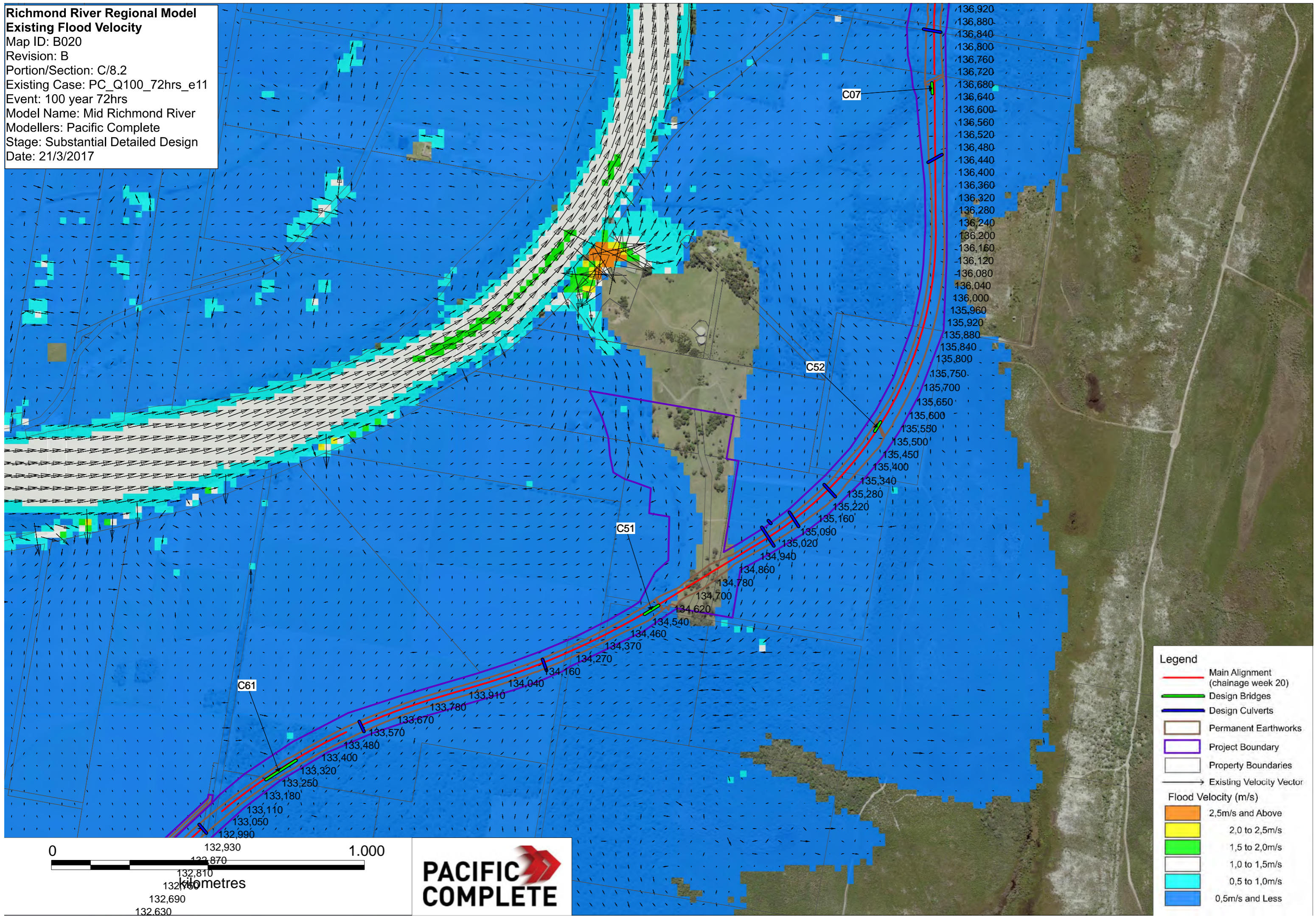
136,920  
 136,880  
 136,840  
 136,800  
 136,760  
 136,720  
 136,680  
 136,640  
 136,600  
 136,560  
 136,520  
 136,480  
 136,440  
 136,400  
 136,360  
 136,320  
 136,280  
 136,240  
 136,200  
 136,160  
 136,120  
 136,080  
 136,040  
 136,000  
 135,960  
 135,920  
 135,880  
 135,840  
 135,800  
 135,750  
 135,700  
 135,650  
 135,600  
 135,550  
 135,500  
 135,450  
 135,400  
 135,340  
 135,280  
 135,220  
 135,160  
 135,090  
 135,020  
 134,940  
 134,860  
 134,780  
 134,700  
 134,620  
 134,540  
 134,460  
 134,370  
 134,270  
 134,160  
 134,040  
 133,910  
 133,780  
 133,670  
 133,570  
 133,480  
 133,400  
 133,320  
 133,250  
 133,180  
 133,110  
 133,050  
 132,990

0 1.000  
 132,930  
 132,870  
 132,810  
 132,750  
 132,690  
 132,630  
 kilometres

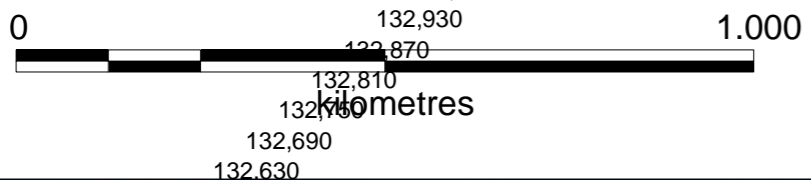


- Legend**
- Main Alignment (chainage week 20)
  - Design Bridges
  - Design Culverts
  - Permanent Earthworks
  - Project Boundary
  - Property Boundaries
  - Existing Velocity Vector
- Flood Velocity (m/s)**
- 2,5m/s and Above
  - 2,0 to 2,5m/s
  - 1,5 to 2,0m/s
  - 1,0 to 1,5m/s
  - 0,5 to 1,0m/s
  - 0,5m/s and Less

**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B020  
 Revision: B  
 Portion/Section: C/8.2  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

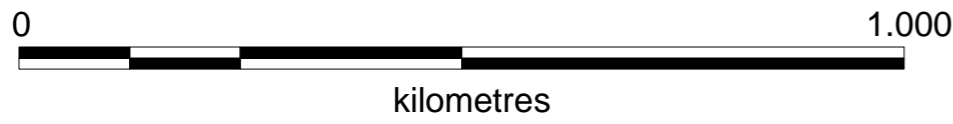
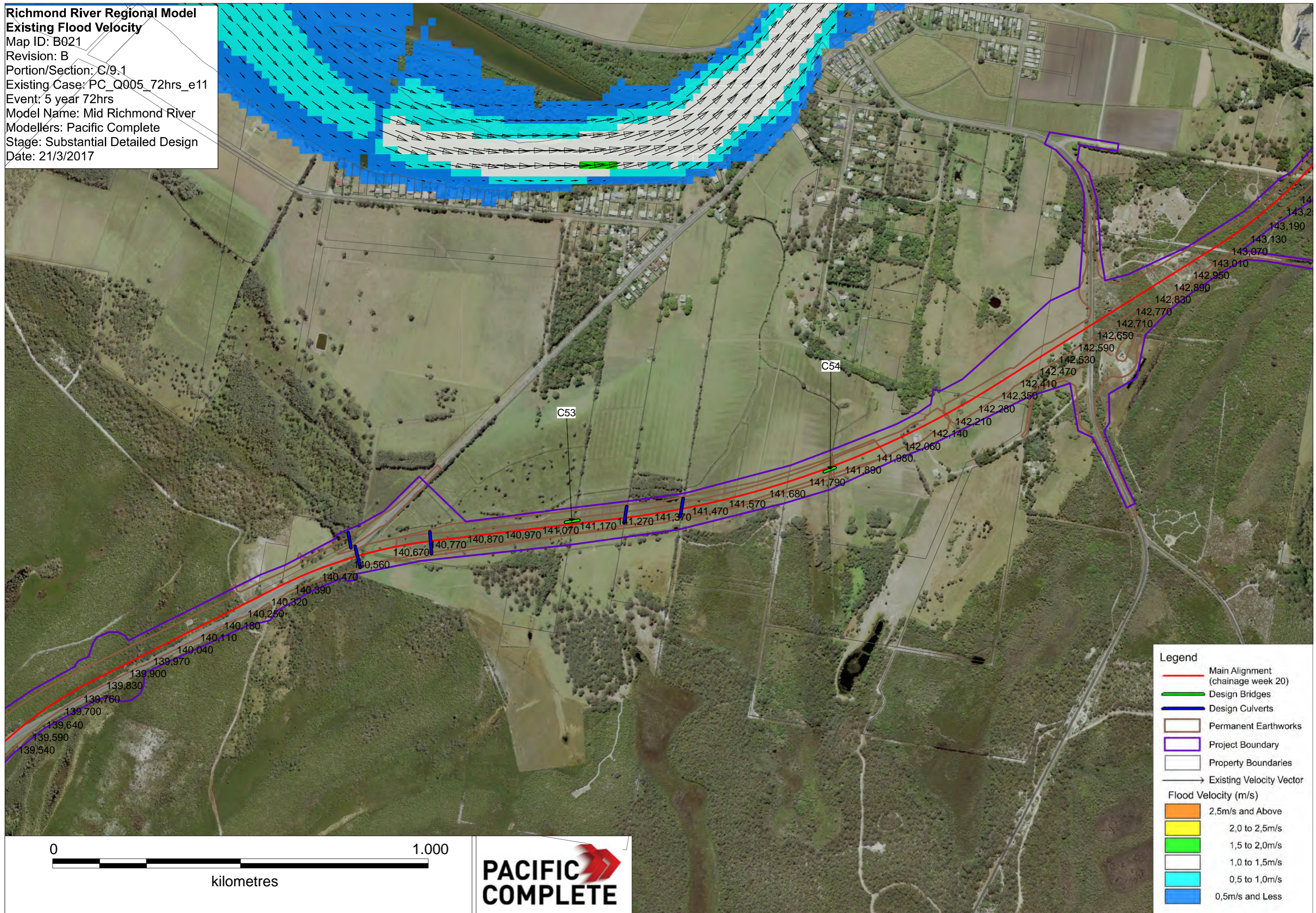


136,920  
136,880  
136,840  
136,800  
136,760  
136,720  
136,680  
136,640  
136,600  
136,560  
136,520  
136,480  
136,440  
136,400  
136,360  
136,320  
136,280  
136,240  
136,200  
136,160  
136,120  
136,080  
136,040  
136,000  
135,960  
135,920  
135,880  
135,840  
135,800  
135,750  
135,700  
135,650  
135,600  
135,550  
135,500  
135,450  
135,400  
135,340  
135,280  
135,220  
135,160  
135,090  
135,020  
134,940  
134,860  
134,780  
134,700  
134,620  
134,540  
134,460  
134,370  
134,270  
134,160  
134,040  
133,910  
133,780  
133,670  
133,570  
133,480  
133,400  
133,320  
133,250  
133,180  
133,110  
133,050  
132,990



- Legend**
- Main Alignment (chainage week 20)
  - Design Bridges
  - Design Culverts
  - Permanent Earthworks
  - Project Boundary
  - Property Boundaries
  - Existing Velocity Vector
- Flood Velocity (m/s)**
- 2,5m/s and Above
  - 2,0 to 2,5m/s
  - 1,5 to 2,0m/s
  - 1,0 to 1,5m/s
  - 0,5 to 1,0m/s
  - 0,5m/s and Less

**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B021  
 Revision: B  
 Portion/Section: C/9.1  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



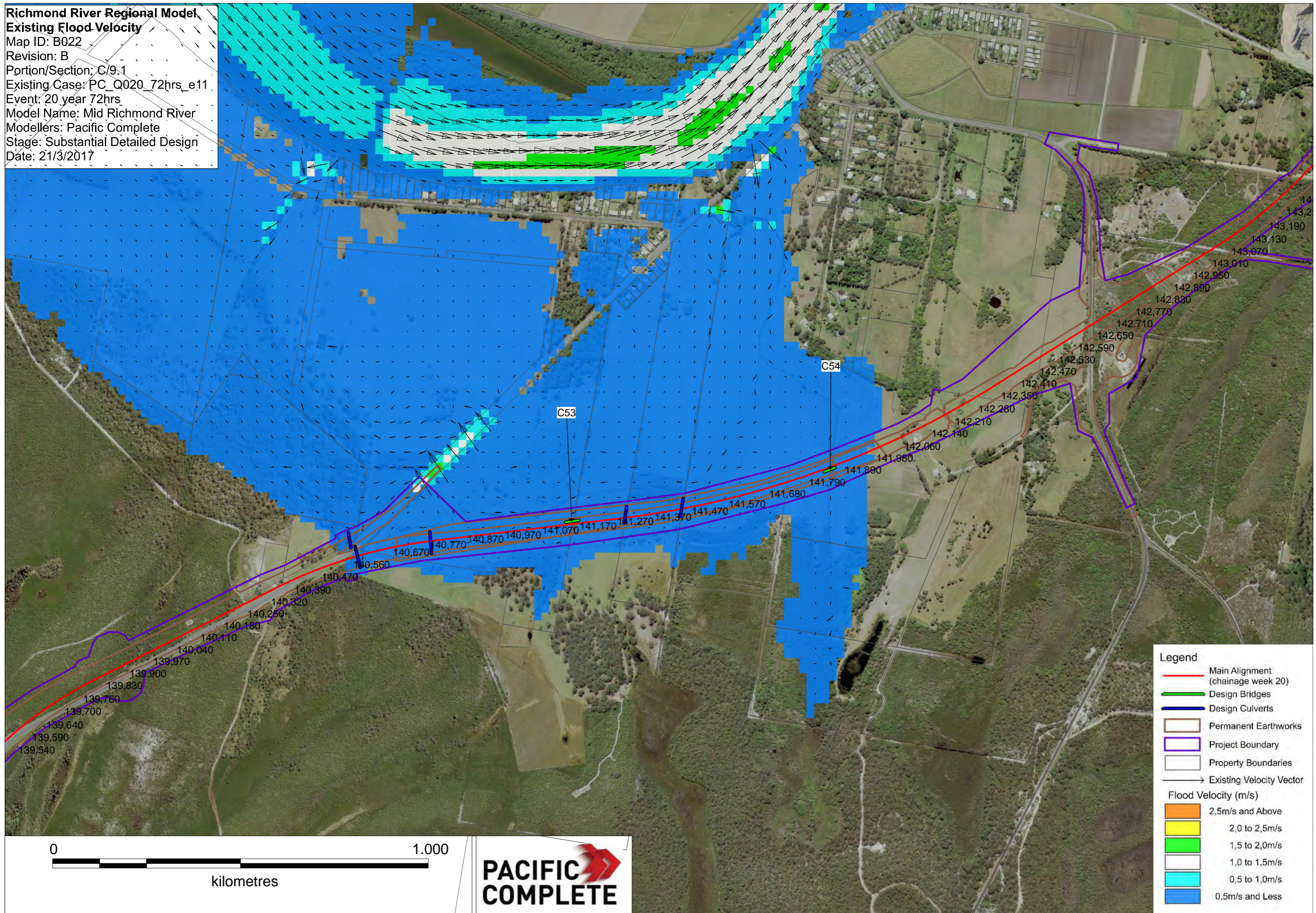
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2.5m/s and Above
- 2.0 to 2.5m/s
- 1.5 to 2.0m/s
- 1.0 to 1.5m/s
- 0.5 to 1.0m/s
- 0.5m/s and Less

**Richmond River Regional Model**  
**Existing Flood-Velocity**  
 Map ID: B022  
 Revision: B  
 Portion/Section: C/9.1  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

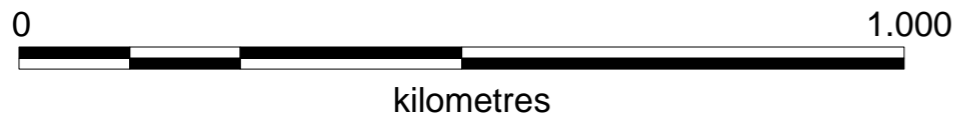


**Legend**

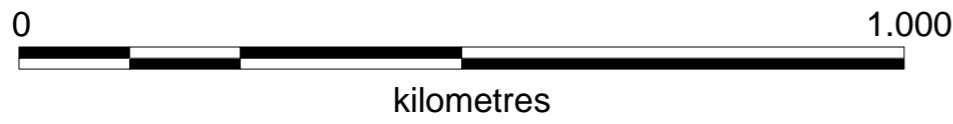
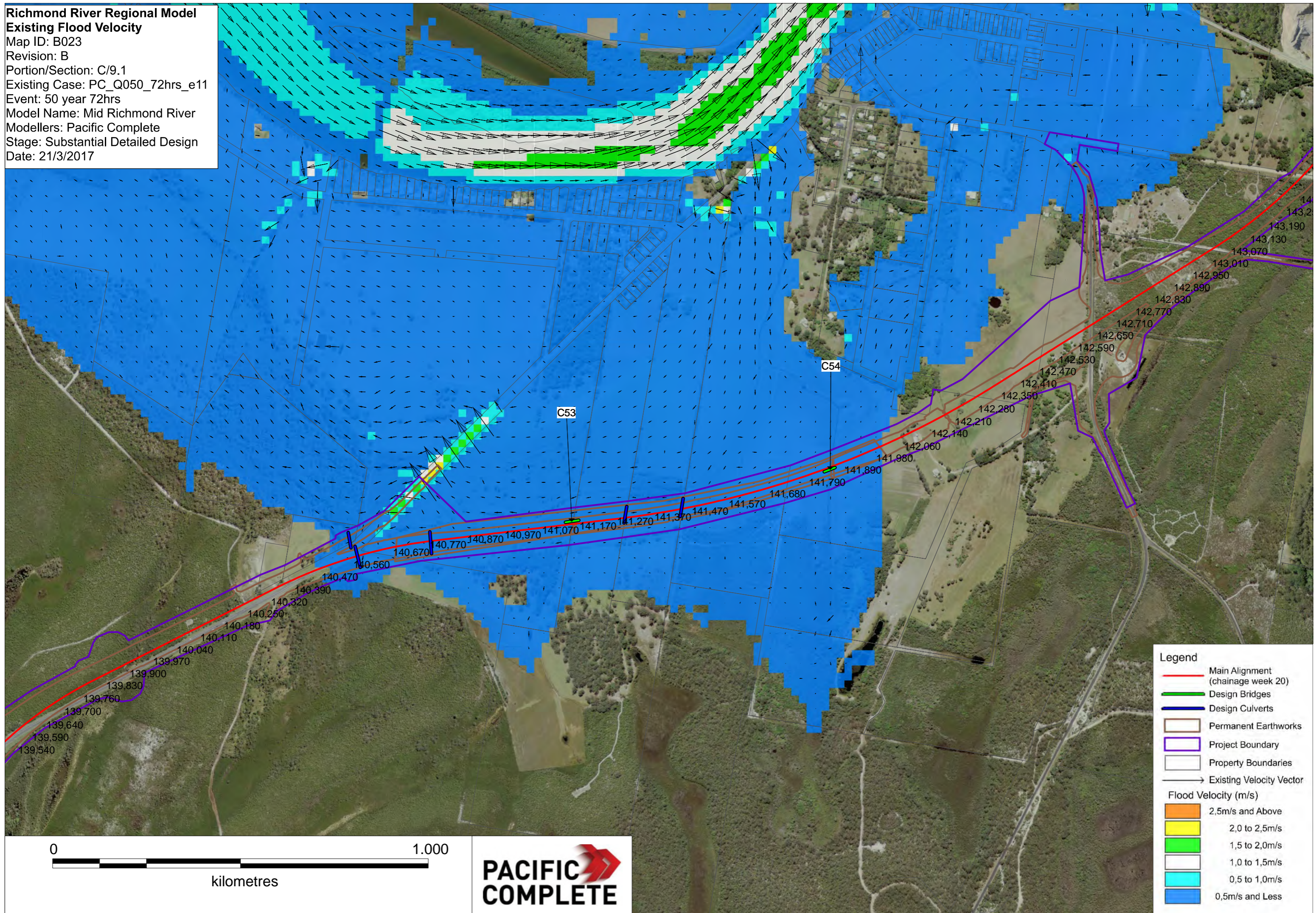
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2.5m/s and Above
- 2.0 to 2.5m/s
- 1.5 to 2.0m/s
- 1.0 to 1.5m/s
- 0.5 to 1.0m/s
- 0.5m/s and Less



**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B023  
 Revision: B  
 Portion/Section: C/9.1  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



**Legend**

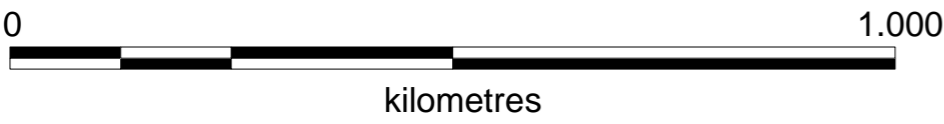
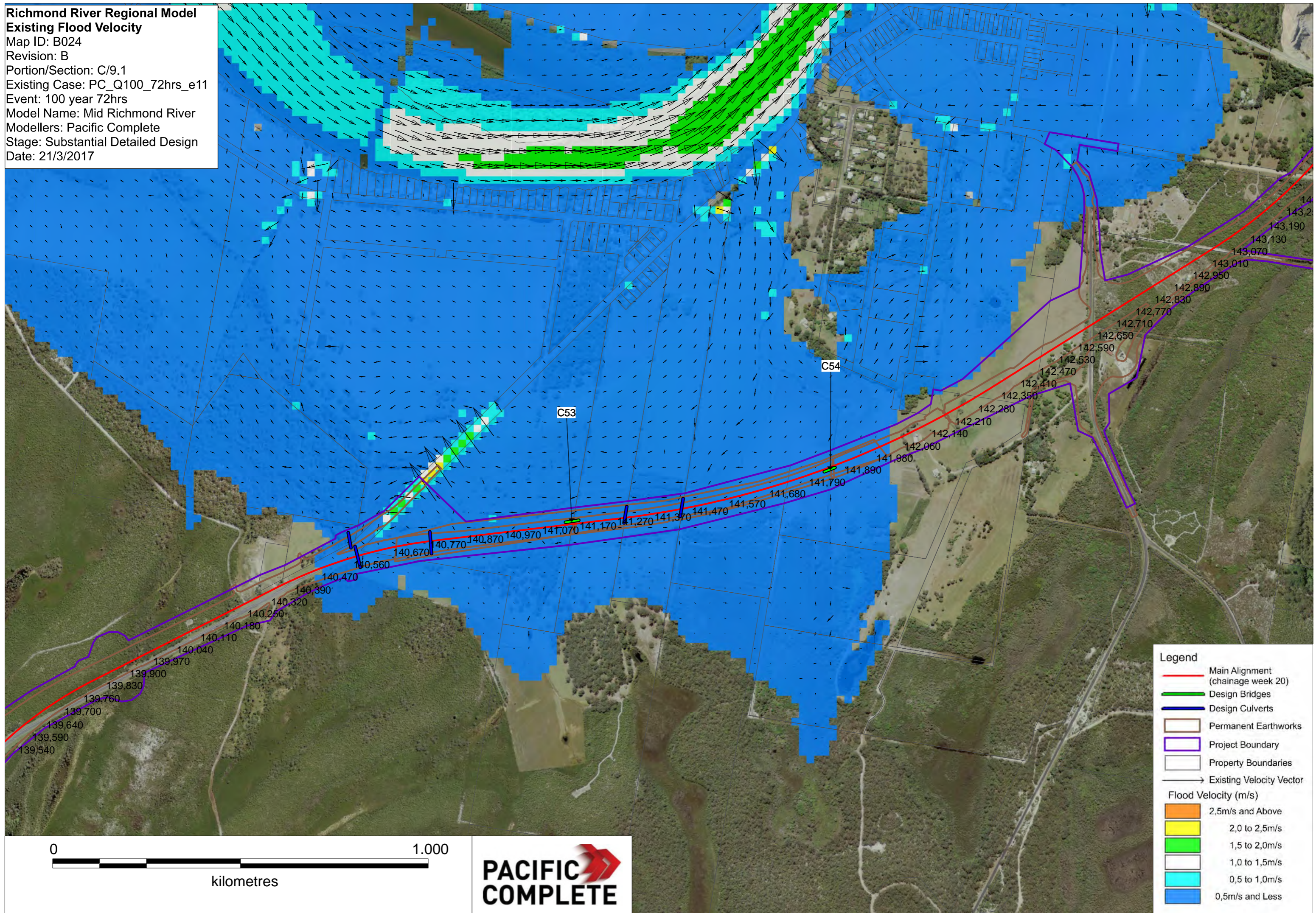
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2.5m/s and Above
- 2.0 to 2.5m/s
- 1.5 to 2.0m/s
- 1.0 to 1.5m/s
- 0.5 to 1.0m/s
- 0.5m/s and Less



**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B024  
 Revision: B  
 Portion/Section: C/9.1  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



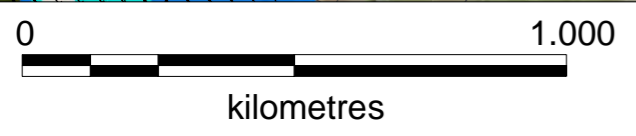
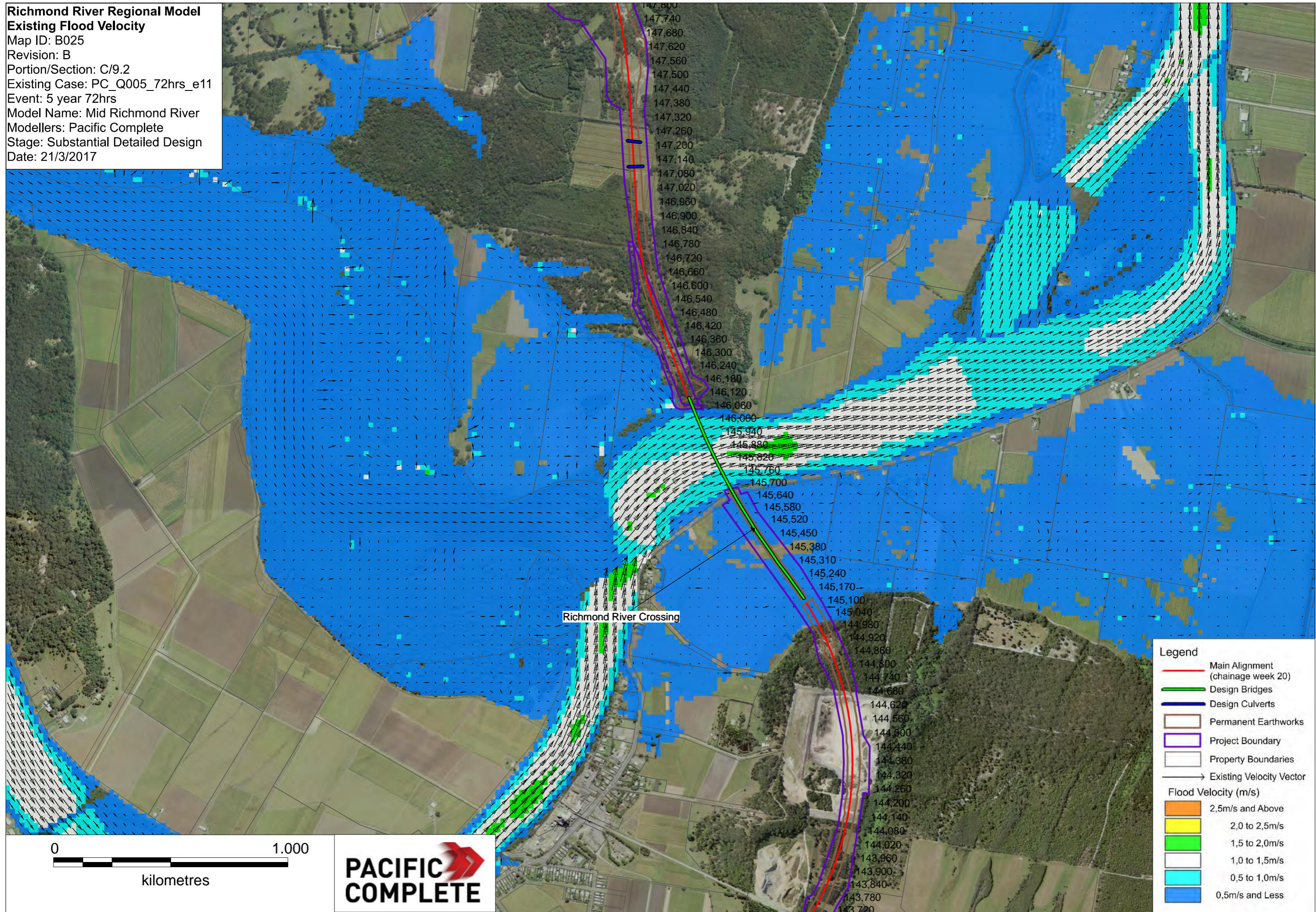
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2.5m/s and Above
- 2.0 to 2.5m/s
- 1.5 to 2.0m/s
- 1.0 to 1.5m/s
- 0.5 to 1.0m/s
- 0.5m/s and Less

**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B025  
 Revision: B  
 Portion/Section: C/9.2  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



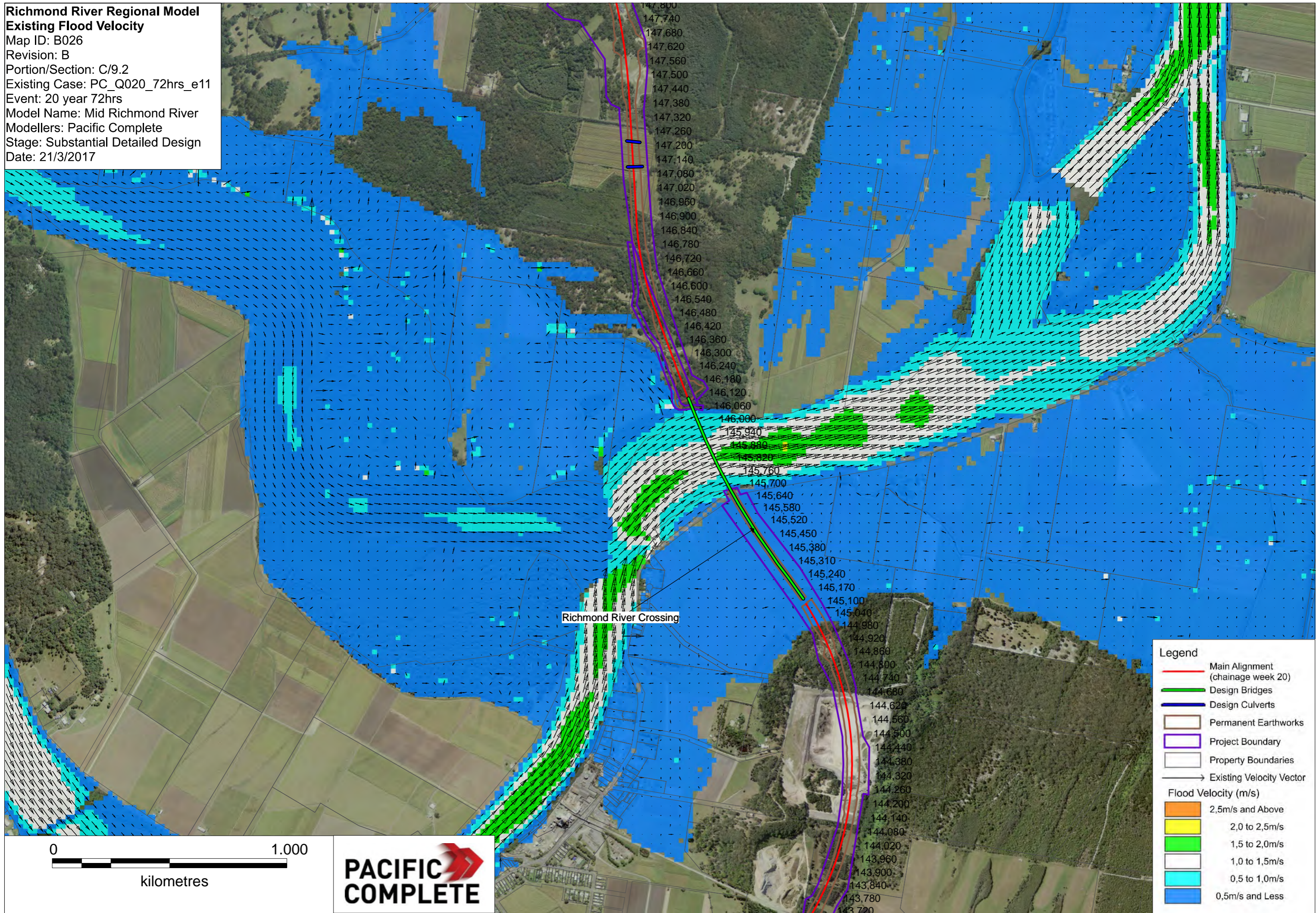
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2,5m/s and Above
- 2,0 to 2,5m/s
- 1,5 to 2,0m/s
- 1,0 to 1,5m/s
- 0,5 to 1,0m/s
- 0,5m/s and Less

**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B026  
 Revision: B  
 Portion/Section: C/9.2  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



0 1.000  
 kilometres



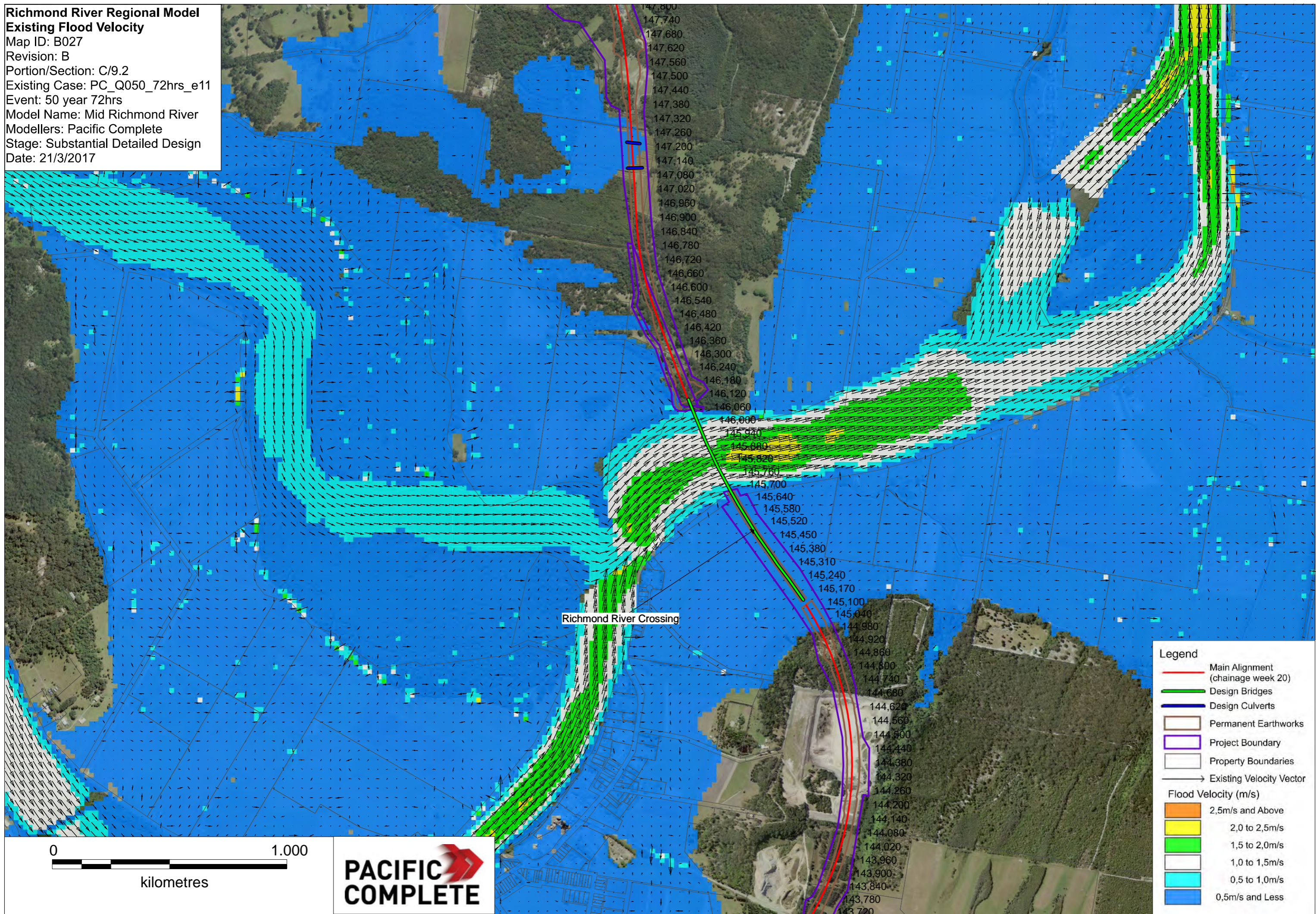
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2,5m/s and Above
- 2,0 to 2,5m/s
- 1,5 to 2,0m/s
- 1,0 to 1,5m/s
- 0,5 to 1,0m/s
- 0,5m/s and Less

**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B027  
 Revision: B  
 Portion/Section: C/9.2  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

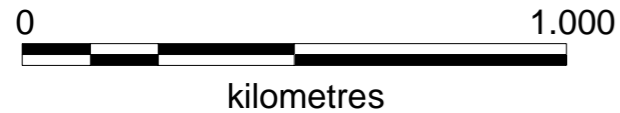


**Legend**

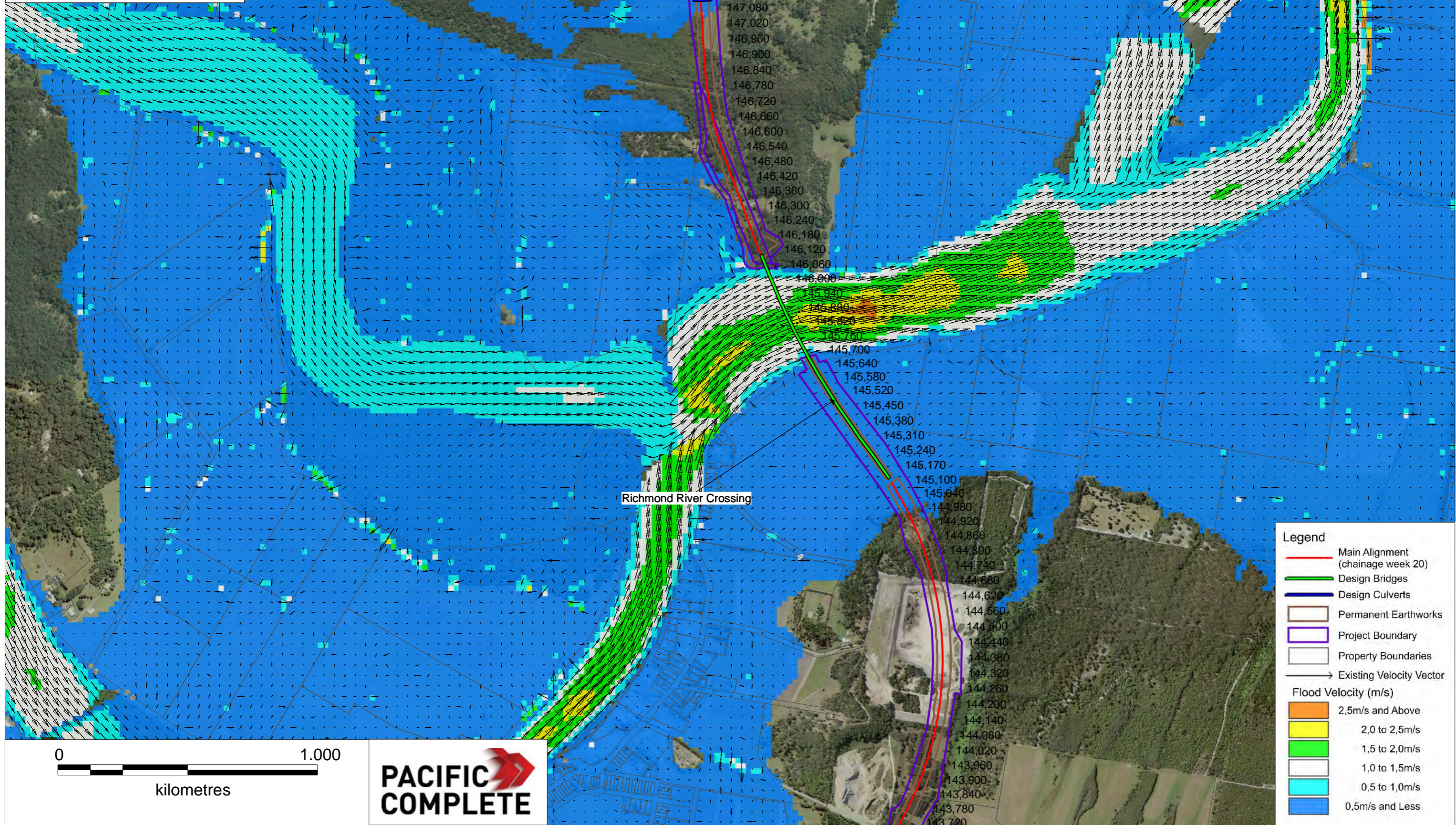
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2,5m/s and Above
- 2,0 to 2,5m/s
- 1,5 to 2,0m/s
- 1,0 to 1,5m/s
- 0,5 to 1,0m/s
- 0,5m/s and Less



**Richmond River Regional Model**  
**Existing Flood Velocity**  
 Map ID: B028  
 Revision: B  
 Portion/Section: C/9.2  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

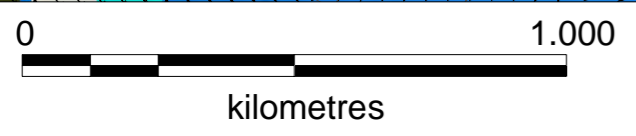


**Legend**

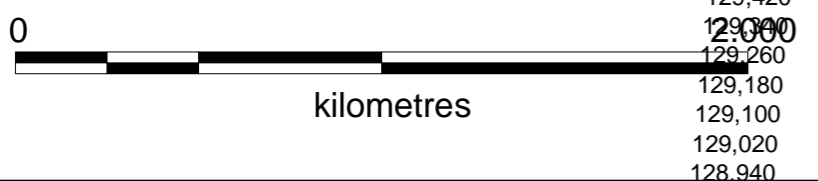
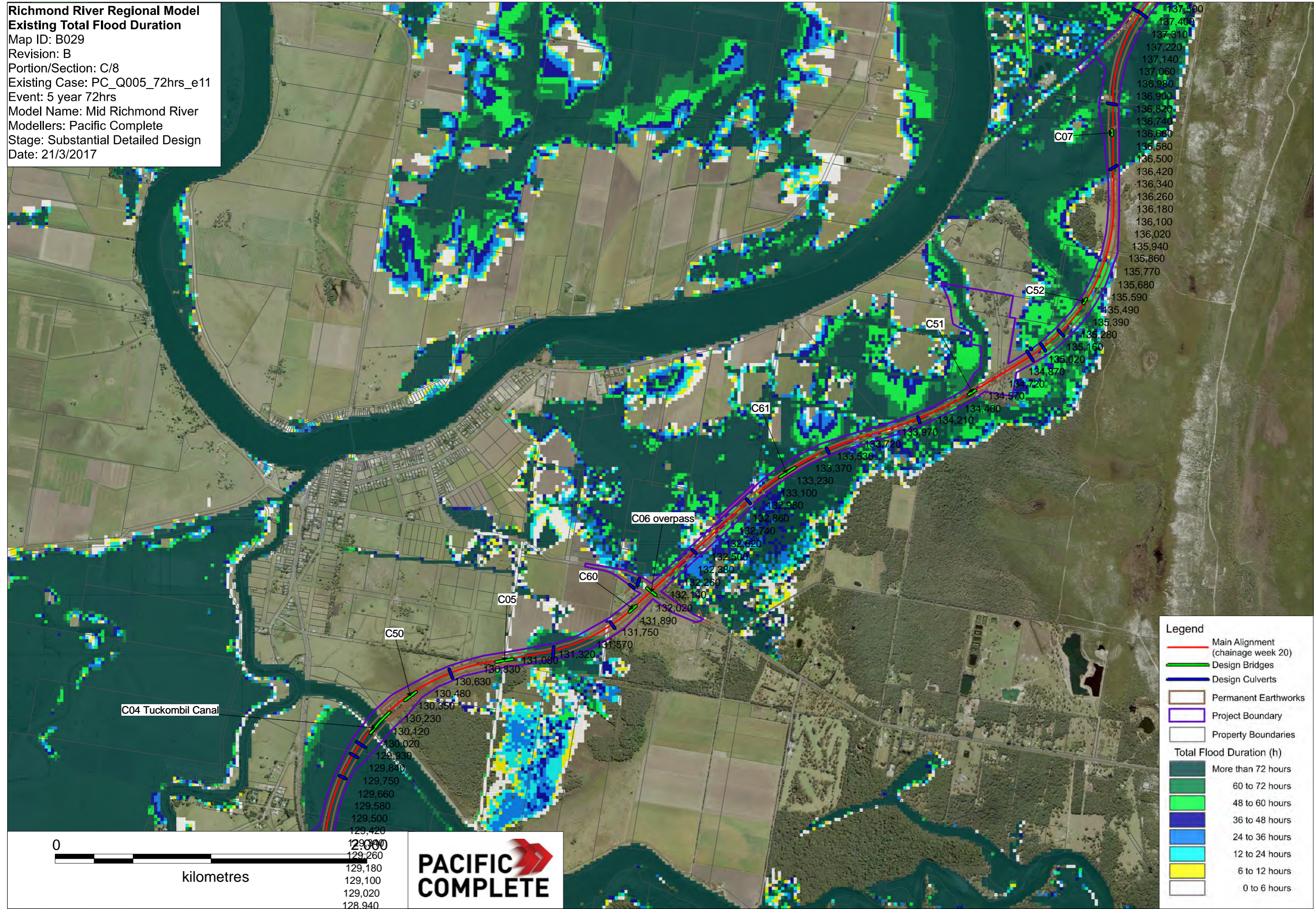
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries
- Existing Velocity Vector

**Flood Velocity (m/s)**

- 2,5m/s and Above
- 2,0 to 2,5m/s
- 1,5 to 2,0m/s
- 1,0 to 1,5m/s
- 0,5 to 1,0m/s
- 0,5m/s and Less



**Richmond River Regional Model**  
**Existing Total Flood Duration**  
 Map ID: B029  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



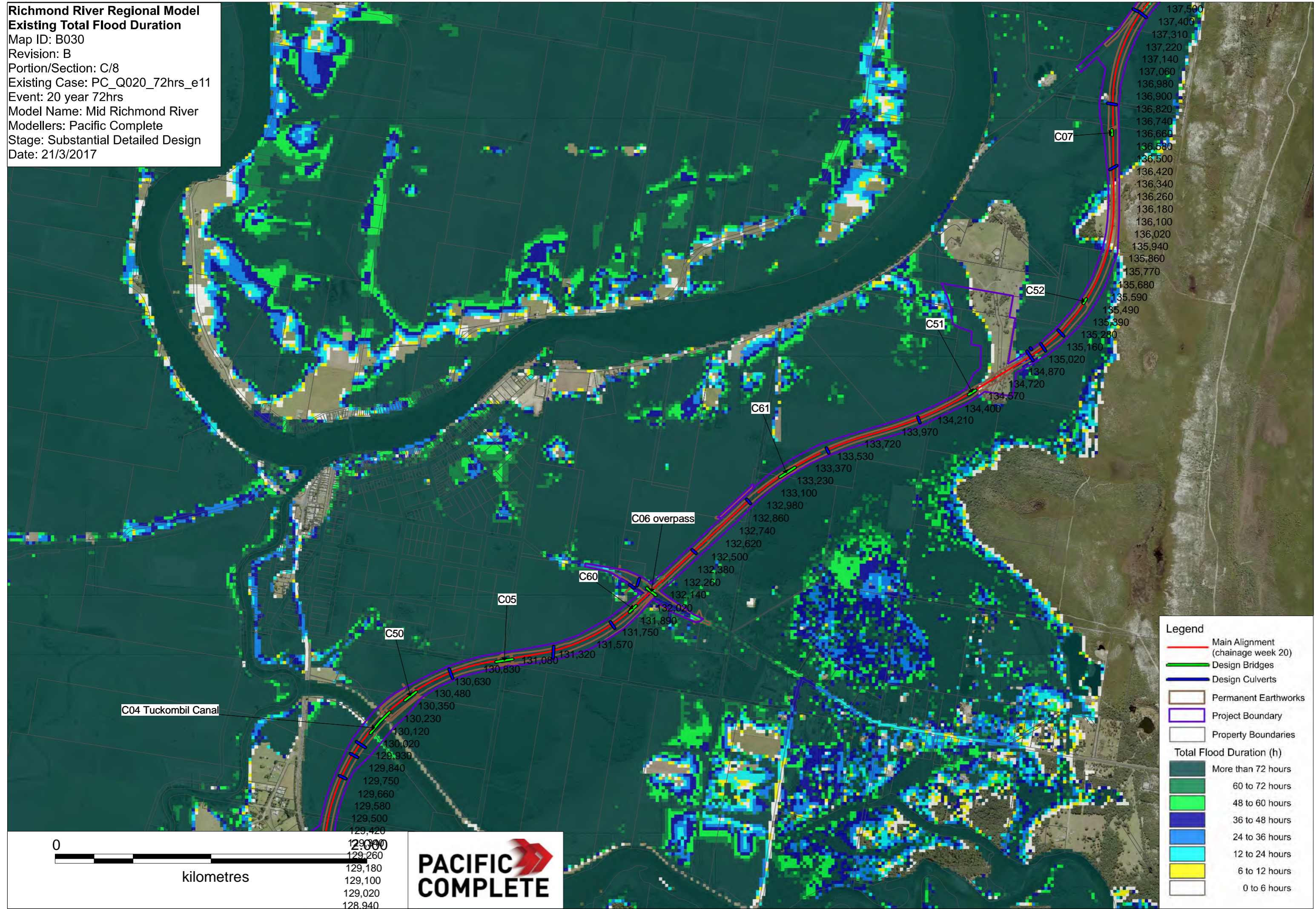
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Total Flood Duration (h)**

- More than 72 hours
- 60 to 72 hours
- 48 to 60 hours
- 36 to 48 hours
- 24 to 36 hours
- 6 to 12 hours
- 0 to 6 hours

**Richmond River Regional Model**  
**Existing Total Flood Duration**  
 Map ID: B030  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

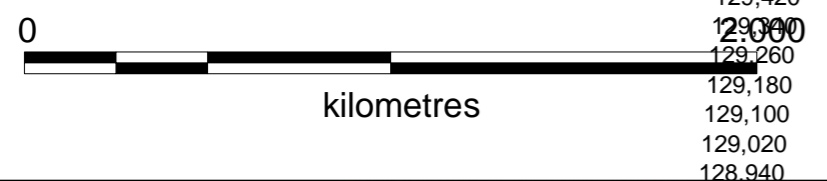


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Total Flood Duration (h)**

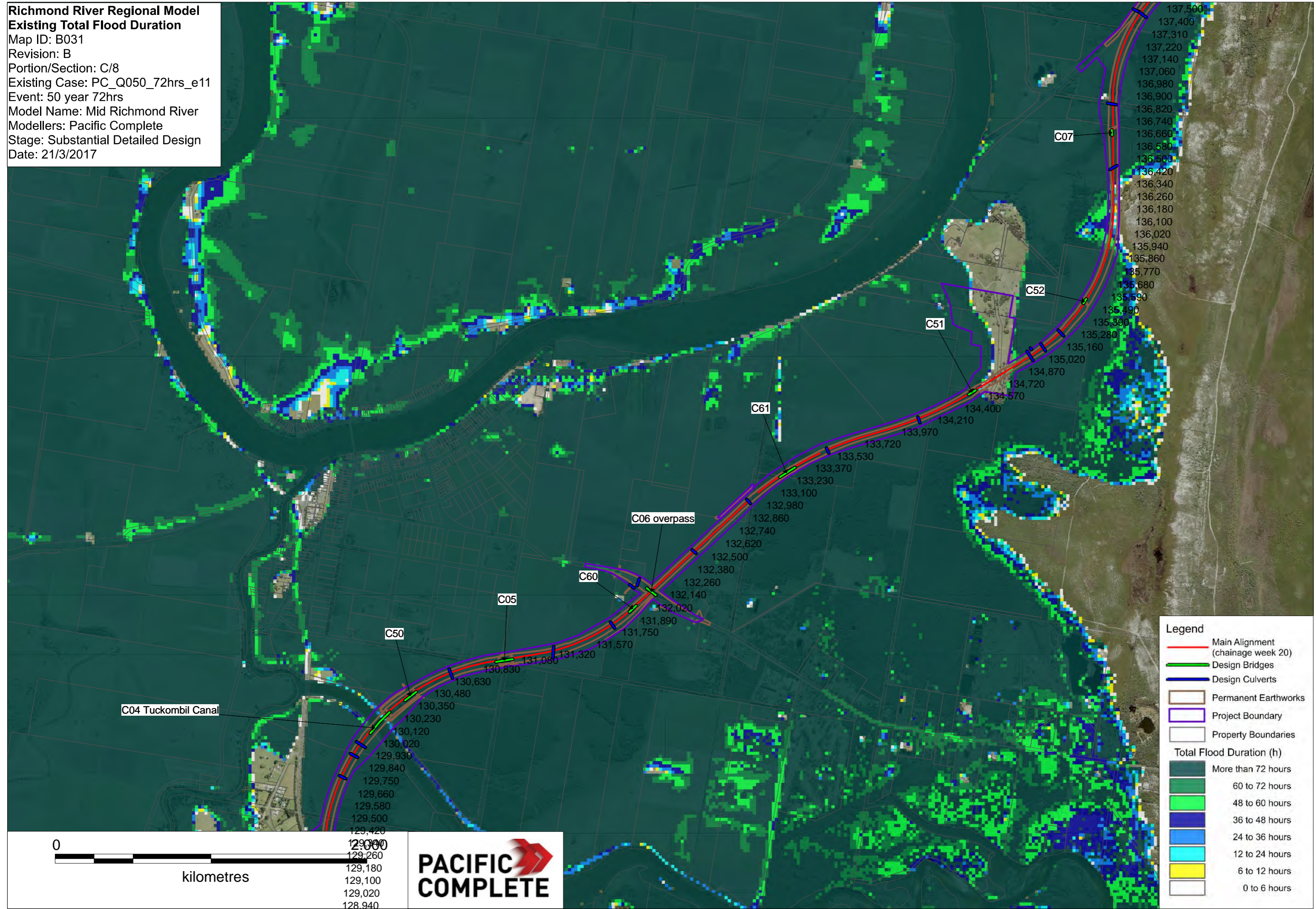
- More than 72 hours
- 60 to 72 hours
- 48 to 60 hours
- 36 to 48 hours
- 24 to 36 hours
- 12 to 24 hours
- 6 to 12 hours
- 0 to 6 hours



129,000  
 129,260  
 129,180  
 129,100  
 129,020  
 128,940

137,500  
 137,400  
 137,310  
 137,220  
 137,140  
 137,060  
 136,980  
 136,900  
 136,820  
 136,740  
 136,660  
 136,580  
 136,500  
 136,420  
 136,340  
 136,260  
 136,180  
 136,100  
 136,020  
 135,940  
 135,860  
 135,770  
 135,680  
 135,590  
 135,490  
 135,390  
 135,280  
 135,160  
 135,020  
 134,870  
 134,720  
 134,570  
 134,400  
 134,210  
 133,970  
 133,720  
 133,530  
 133,370  
 133,230  
 133,100  
 132,980  
 132,860  
 132,740  
 132,620  
 132,500  
 132,380  
 132,260  
 132,140  
 132,020  
 131,890  
 131,750  
 131,570  
 131,320  
 131,080  
 130,830  
 130,630  
 130,480  
 130,350  
 130,230  
 130,120  
 130,020  
 129,930  
 129,840  
 129,750  
 129,660  
 129,580  
 129,500  
 129,420

**Richmond River Regional Model**  
**Existing Total Flood Duration**  
 Map ID: B031  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

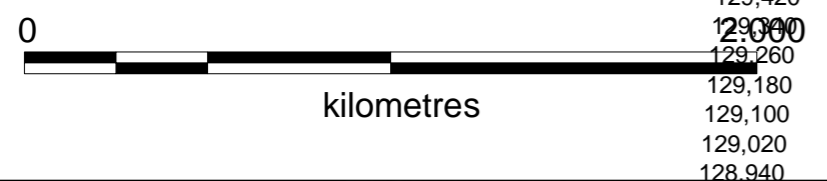


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Total Flood Duration (h)**

- More than 72 hours
- 60 to 72 hours
- 48 to 60 hours
- 36 to 48 hours
- 24 to 36 hours
- 12 to 24 hours
- 6 to 12 hours
- 0 to 6 hours

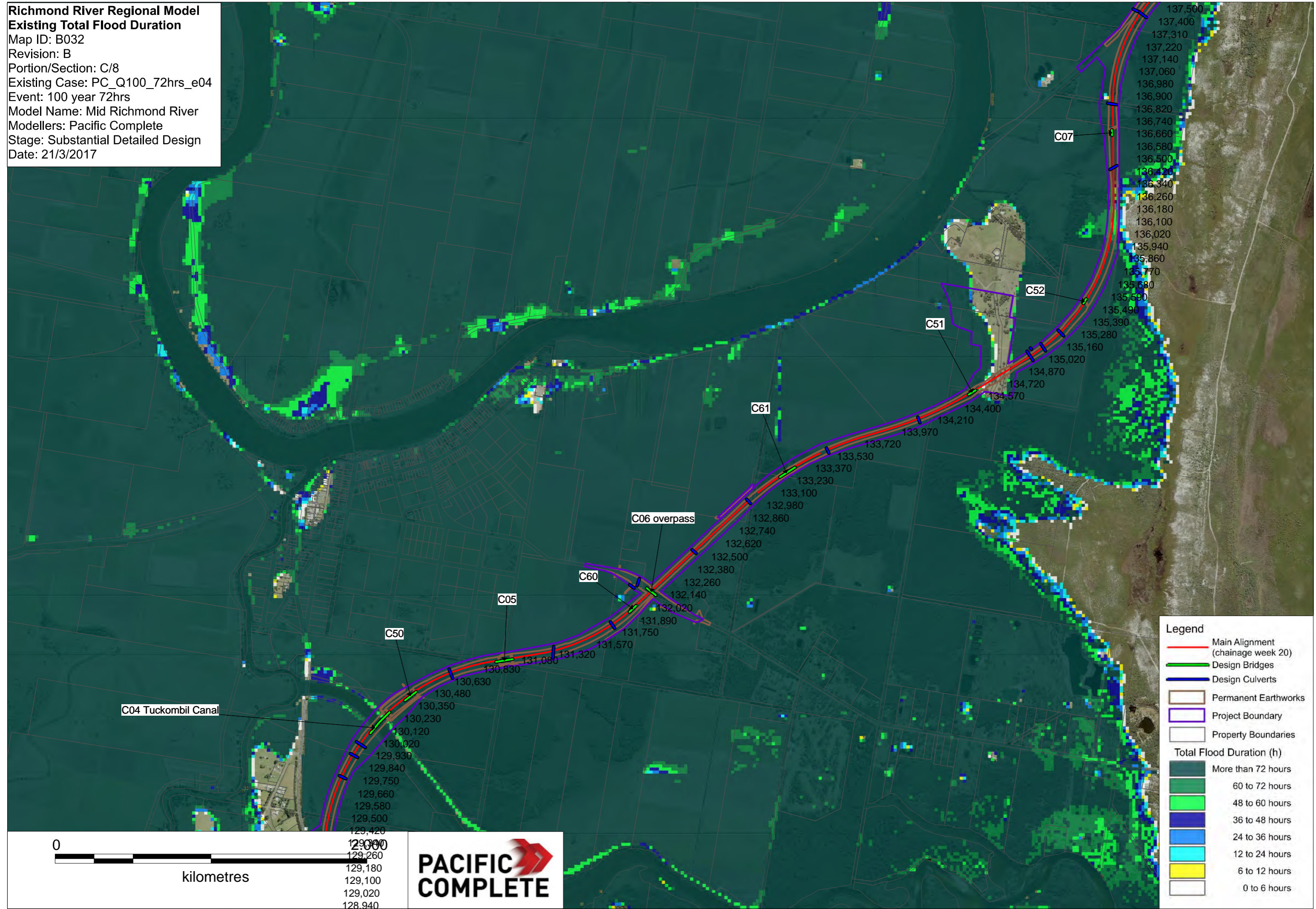


129,000  
 129,260  
 129,180  
 129,100  
 129,020  
 128,940

137,500  
 137,400  
 137,310  
 137,220  
 137,140  
 137,060  
 136,980  
 136,900  
 136,820  
 136,740  
 136,660  
 136,580  
 136,500  
 136,420  
 136,340  
 136,260  
 136,180  
 136,100  
 136,020  
 135,940  
 135,860  
 135,770  
 135,680  
 135,590  
 135,490  
 135,390  
 135,280  
 135,160  
 135,020  
 134,870  
 134,720  
 134,570  
 134,400  
 134,210  
 133,970  
 133,720  
 133,530  
 133,370  
 133,230  
 133,100  
 132,980  
 132,860  
 132,740  
 132,620  
 132,500  
 132,380  
 132,260  
 132,140  
 132,020  
 131,890  
 131,750  
 131,570  
 131,320  
 131,080  
 130,830  
 130,630  
 130,480  
 130,350  
 130,230  
 130,120  
 130,020  
 129,930  
 129,840  
 129,750  
 129,660  
 129,580  
 129,500  
 129,420



**Richmond River Regional Model**  
**Existing Total Flood Duration**  
 Map ID: B032  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q100\_72hrs\_e04  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

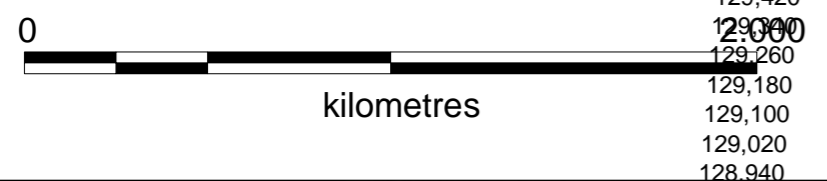


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Total Flood Duration (h)**

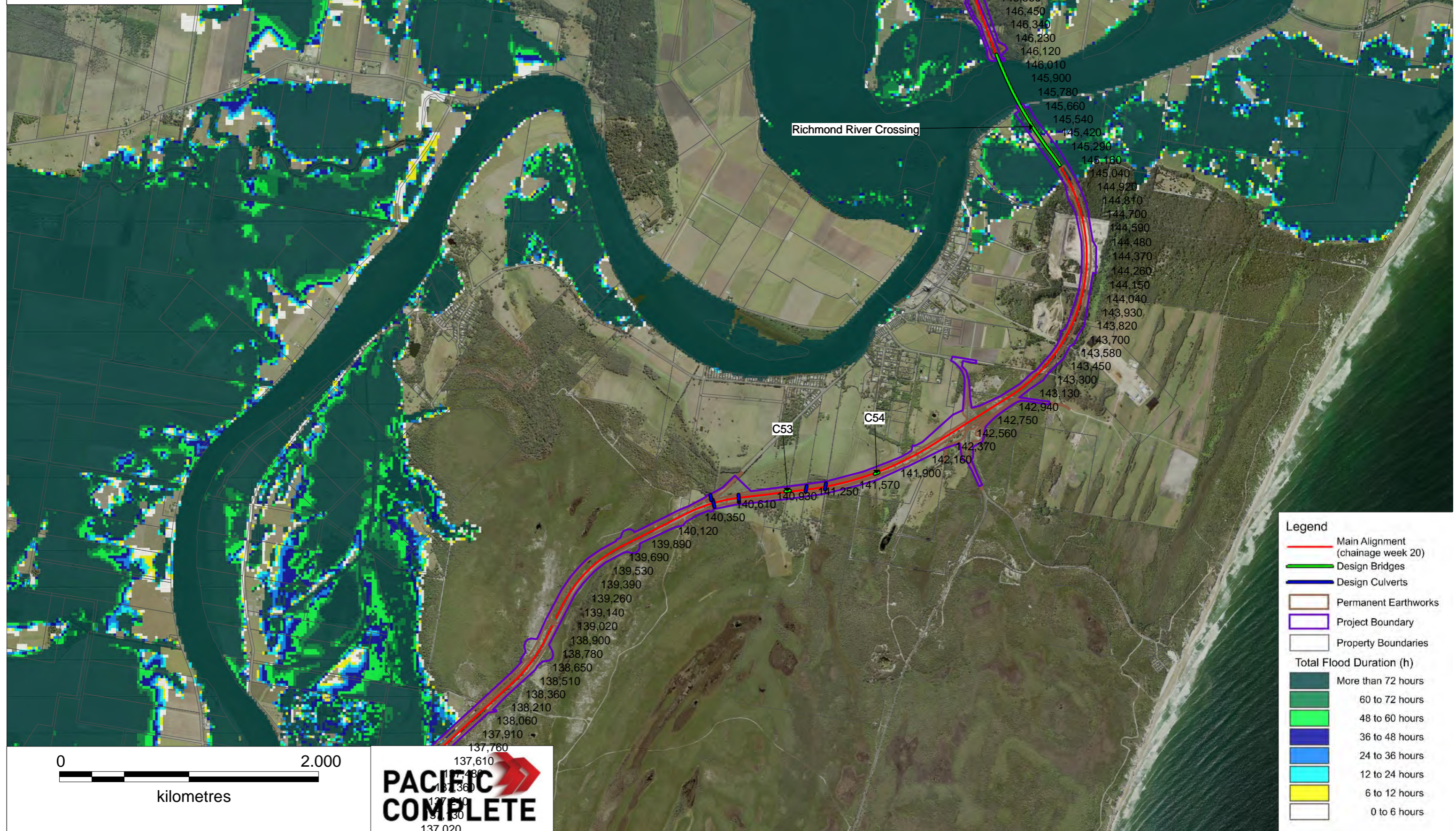
- More than 72 hours
- 60 to 72 hours
- 48 to 60 hours
- 36 to 48 hours
- 24 to 36 hours
- 12 to 24 hours
- 6 to 12 hours
- 0 to 6 hours



129,940  
129,960  
129,980  
129,100  
129,020  
128,940

137,500  
137,400  
137,310  
137,220  
137,140  
137,060  
136,980  
136,900  
136,820  
136,740  
136,660  
136,580  
136,500  
136,420  
136,340  
136,260  
136,180  
136,100  
136,020  
135,940  
135,860  
135,770  
135,680  
135,590  
135,490  
135,390  
135,280  
135,160  
135,020  
134,870  
134,720  
134,570  
134,400  
134,210  
133,970  
133,720  
133,530  
133,370  
133,230  
133,100  
132,980  
132,860  
132,740  
132,620  
132,500  
132,380  
132,260  
132,140  
132,020  
131,890  
131,750  
131,570  
131,320  
131,080  
130,830  
130,630  
130,480  
130,350  
130,230  
130,120  
130,020  
129,930  
129,840  
129,750  
129,660  
129,580  
129,500  
129,420  
129,340  
129,260  
129,180  
129,100  
129,020  
128,940

**Richmond River Regional Model**  
**Existing Total Flood Duration**  
 Map ID: B033  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

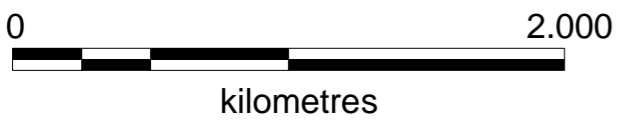


**Legend**

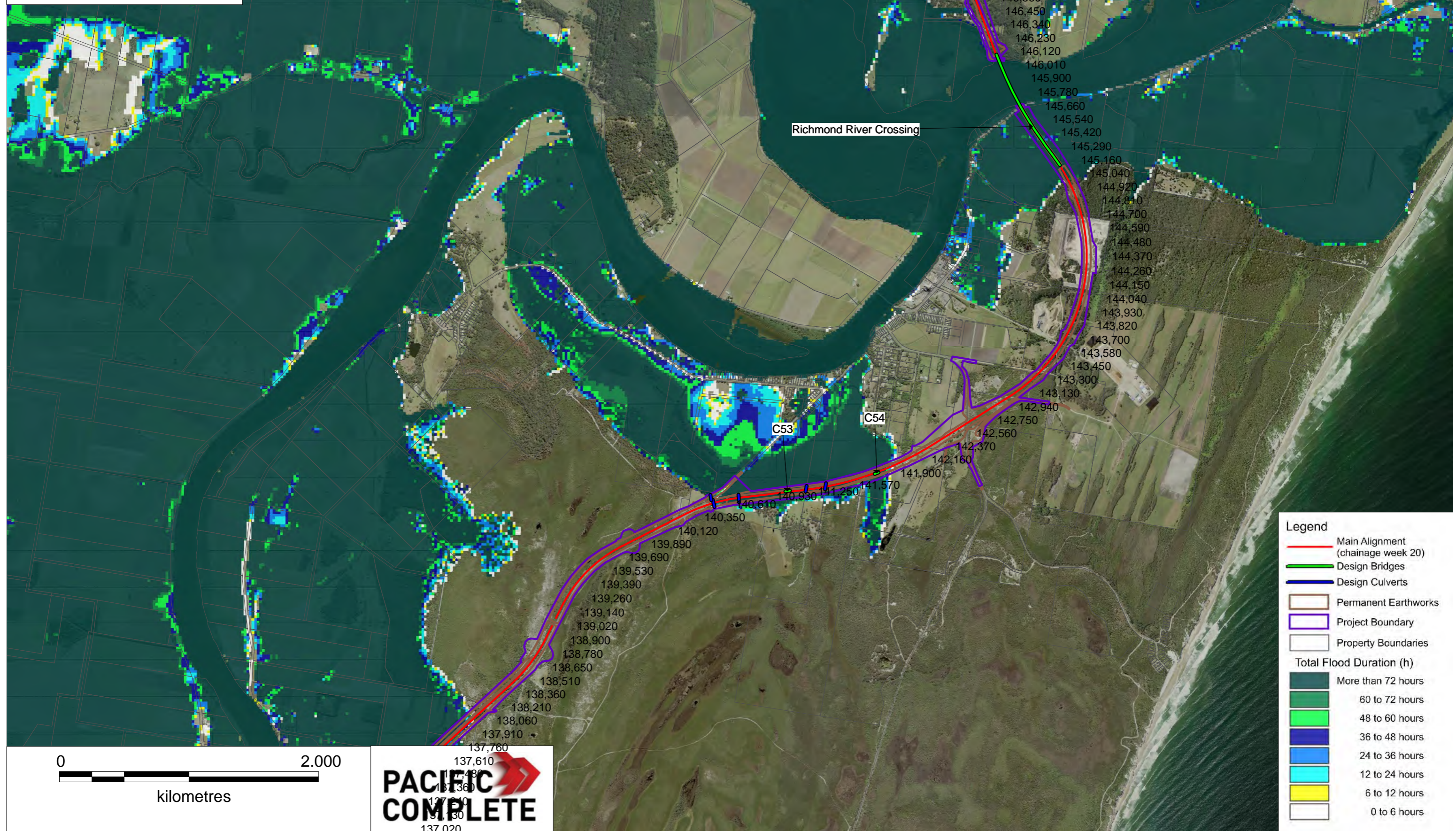
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Total Flood Duration (h)**

- More than 72 hours
- 60 to 72 hours
- 48 to 60 hours
- 36 to 48 hours
- 24 to 36 hours
- 12 to 24 hours
- 6 to 12 hours
- 0 to 6 hours



**Richmond River Regional Model**  
**Existing Total Flood Duration**  
 Map ID: B034  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



Richmond River Crossing

C53

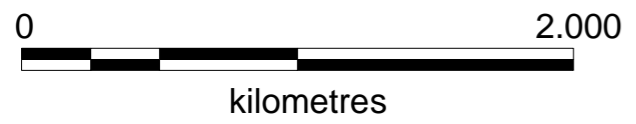
C54

**Legend**

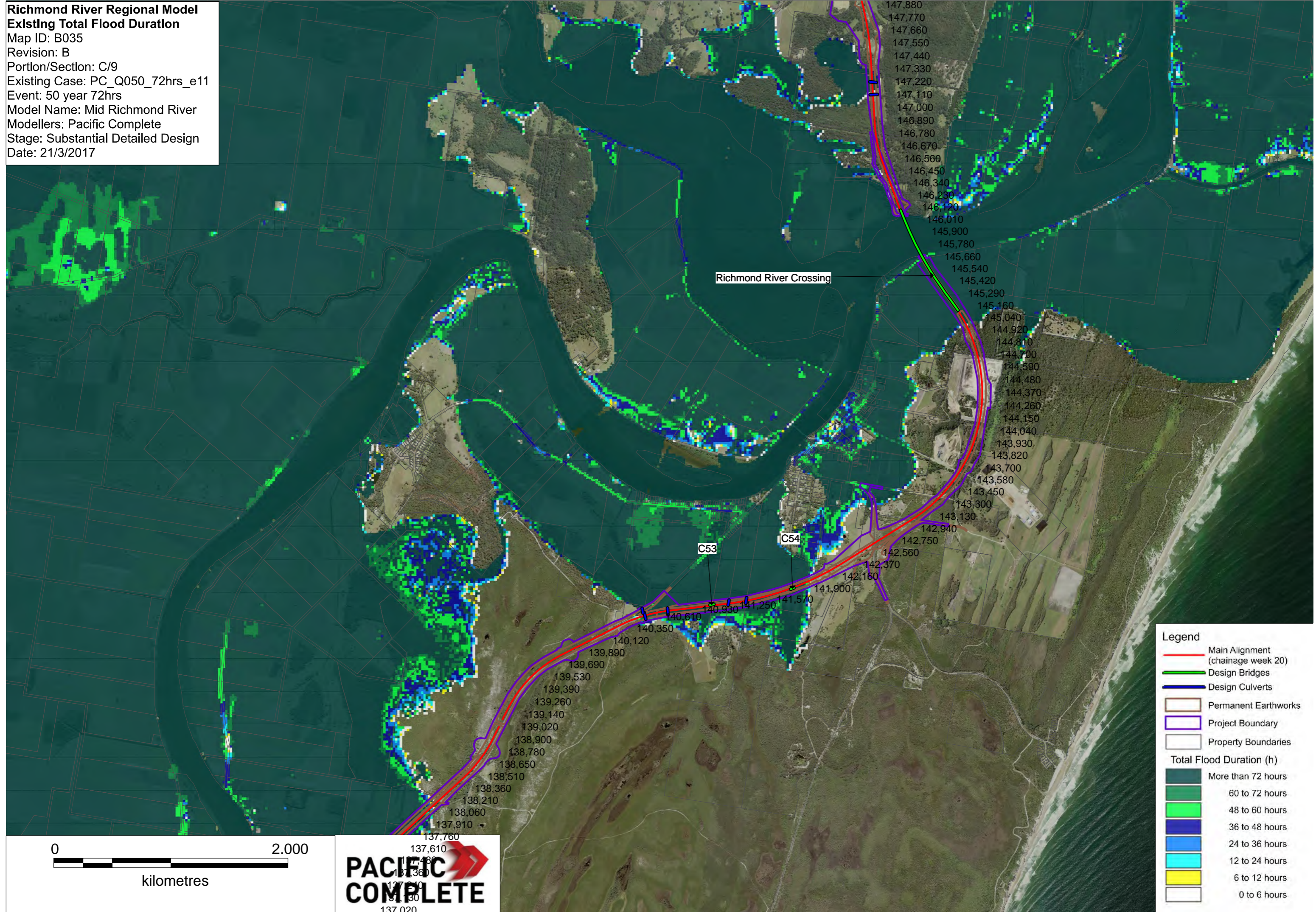
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Total Flood Duration (h)**

- More than 72 hours
- 60 to 72 hours
- 48 to 60 hours
- 36 to 48 hours
- 24 to 36 hours
- 12 to 24 hours
- 6 to 12 hours
- 0 to 6 hours



**Richmond River Regional Model**  
**Existing Total Flood Duration**  
 Map ID: B035  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

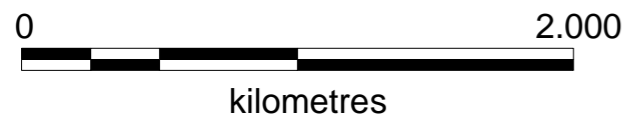


**Legend**

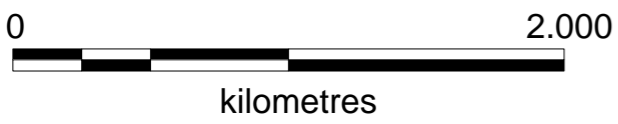
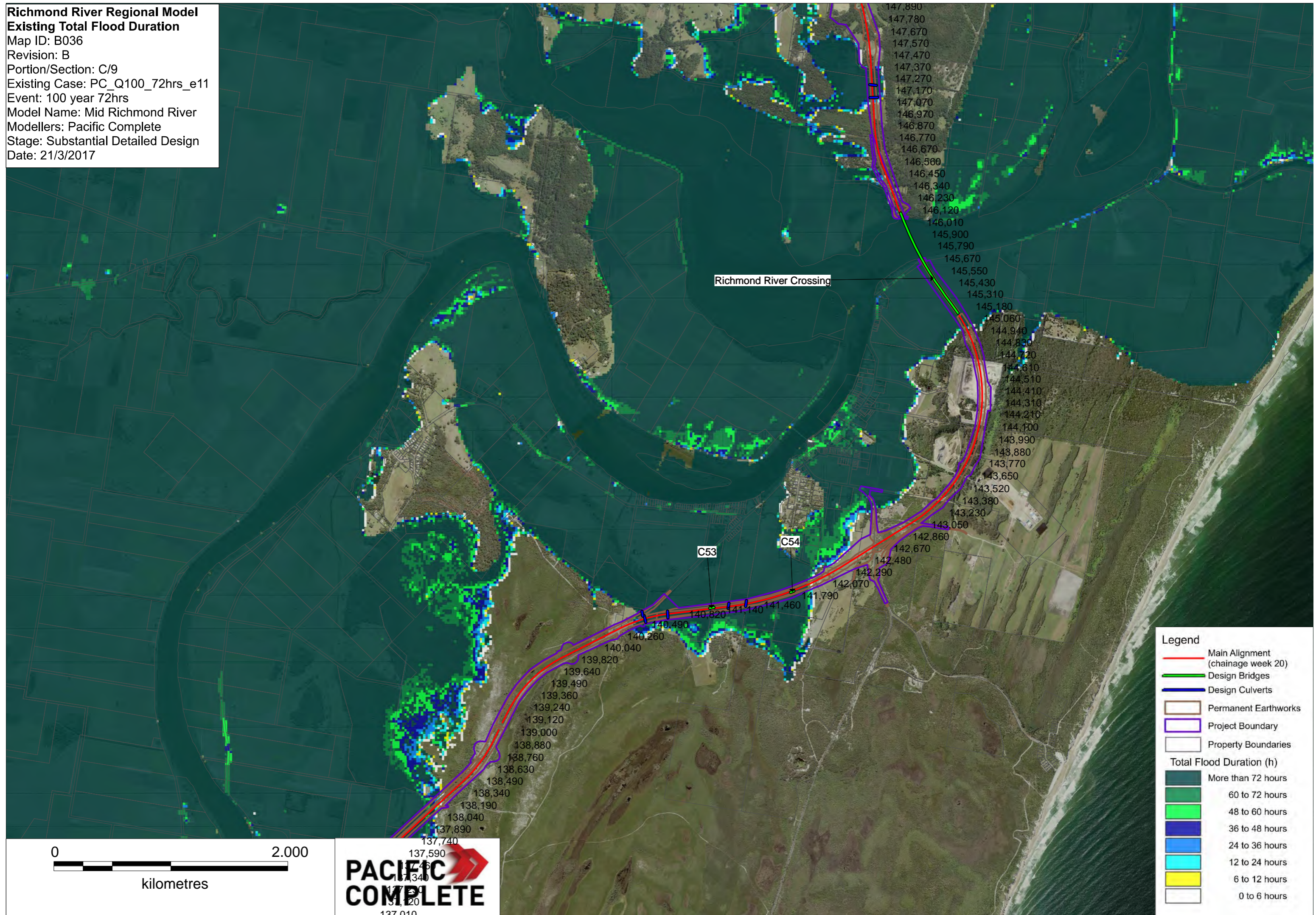
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Total Flood Duration (h)**

- More than 72 hours
- 60 to 72 hours
- 48 to 60 hours
- 36 to 48 hours
- 24 to 36 hours
- 12 to 24 hours
- 6 to 12 hours
- 0 to 6 hours



**Richmond River Regional Model**  
**Existing Total Flood Duration**  
 Map ID: B036  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



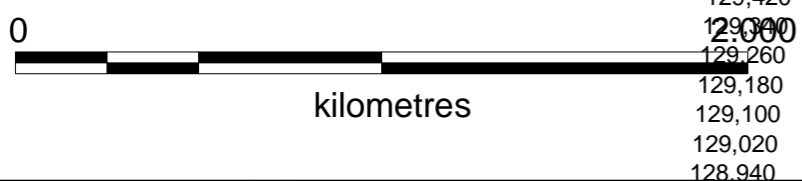
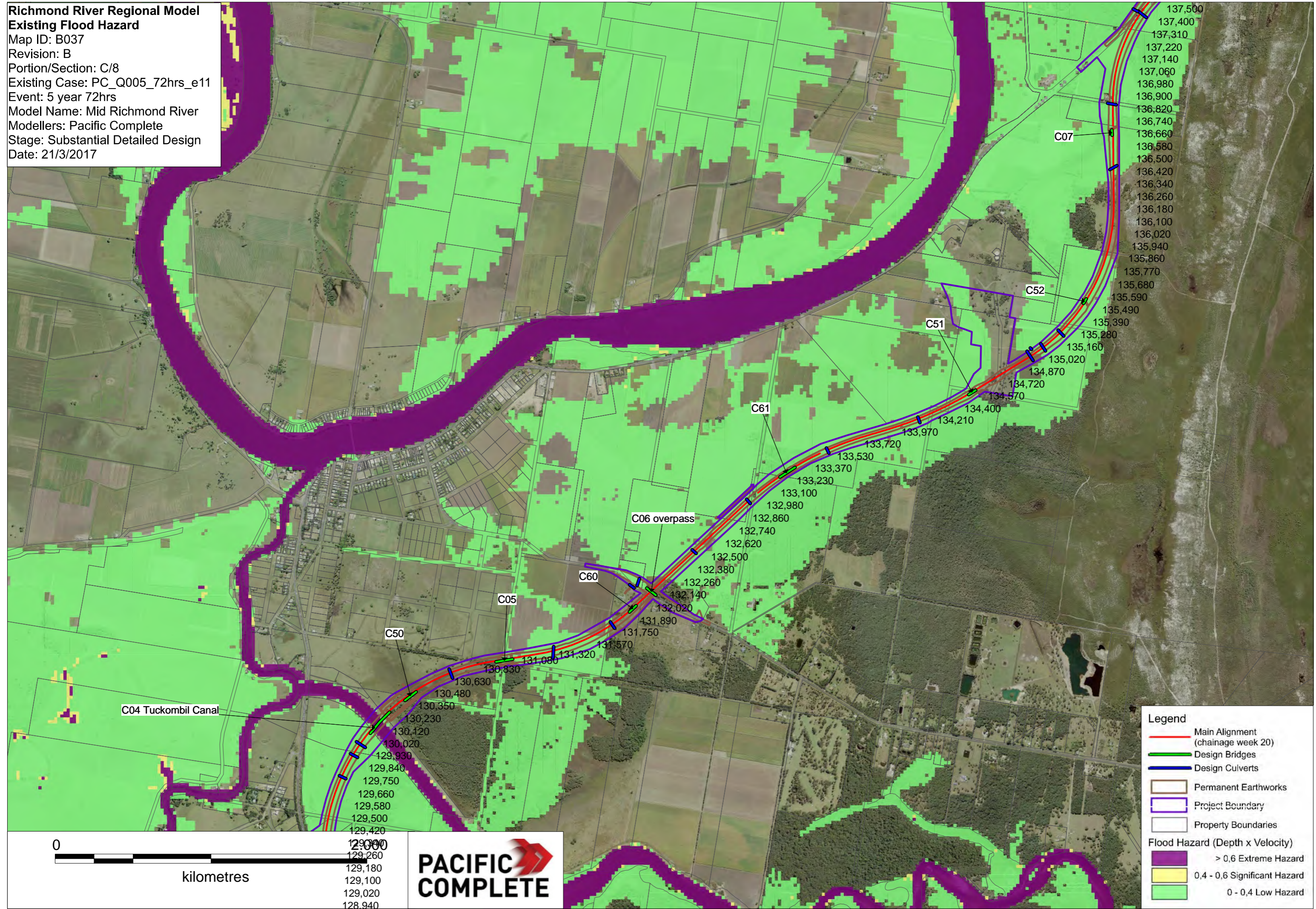
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Total Flood Duration (h)**

- More than 72 hours
- 60 to 72 hours
- 48 to 60 hours
- 36 to 48 hours
- 24 to 36 hours
- 12 to 24 hours
- 6 to 12 hours
- 0 to 6 hours

**Richmond River Regional Model  
Existing Flood Hazard**  
 Map ID: B037  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



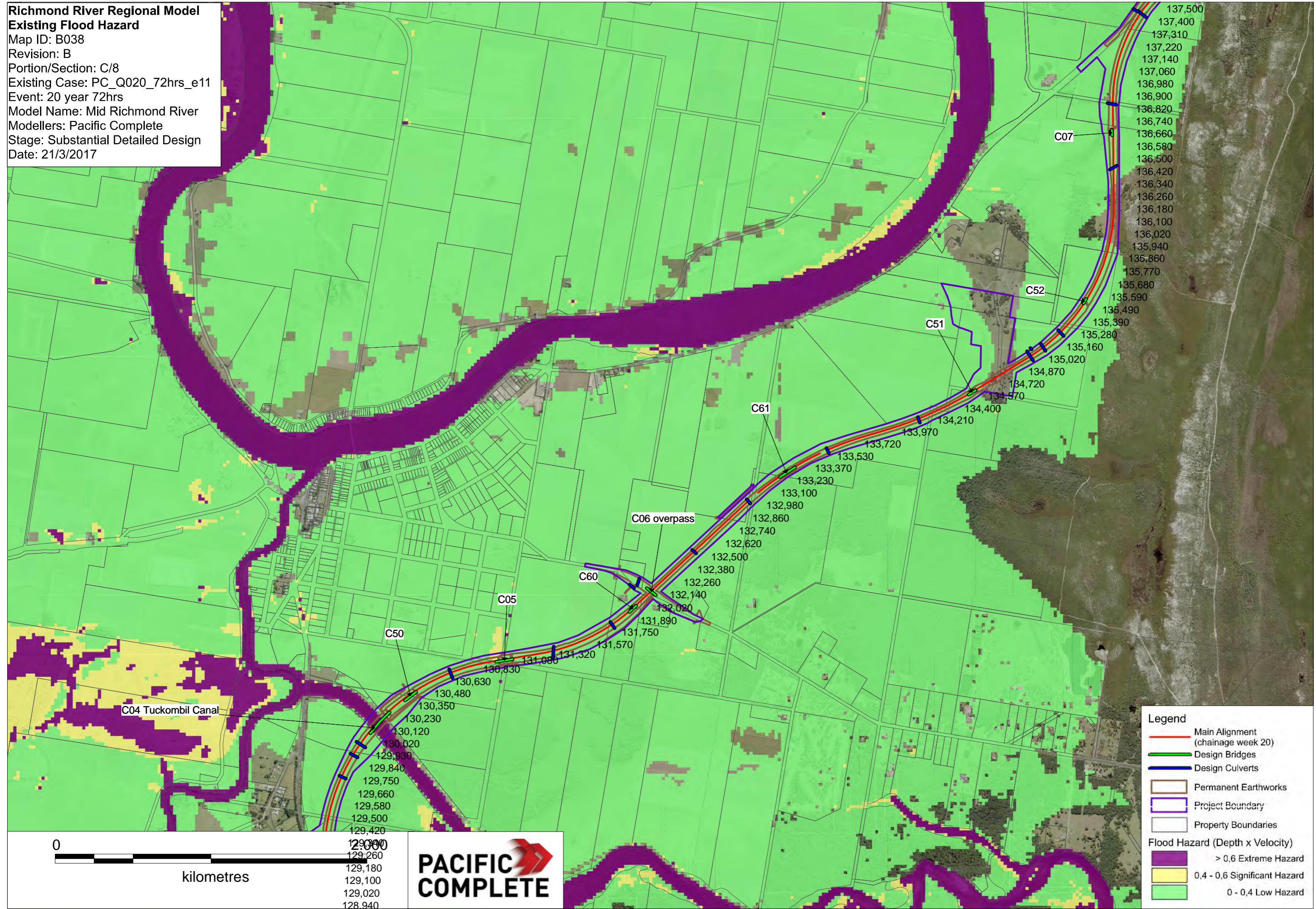
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Hazard (Depth x Velocity)**

- > 0,6 Extreme Hazard
- 0,4 - 0,6 Significant Hazard
- 0 - 0,4 Low Hazard

**Richmond River Regional Model  
Existing Flood Hazard**  
 Map ID: B038  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

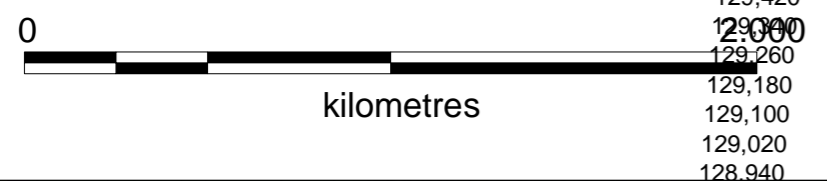


**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

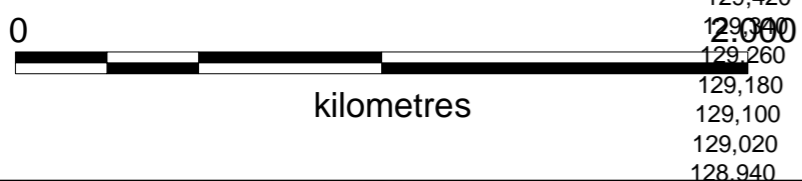
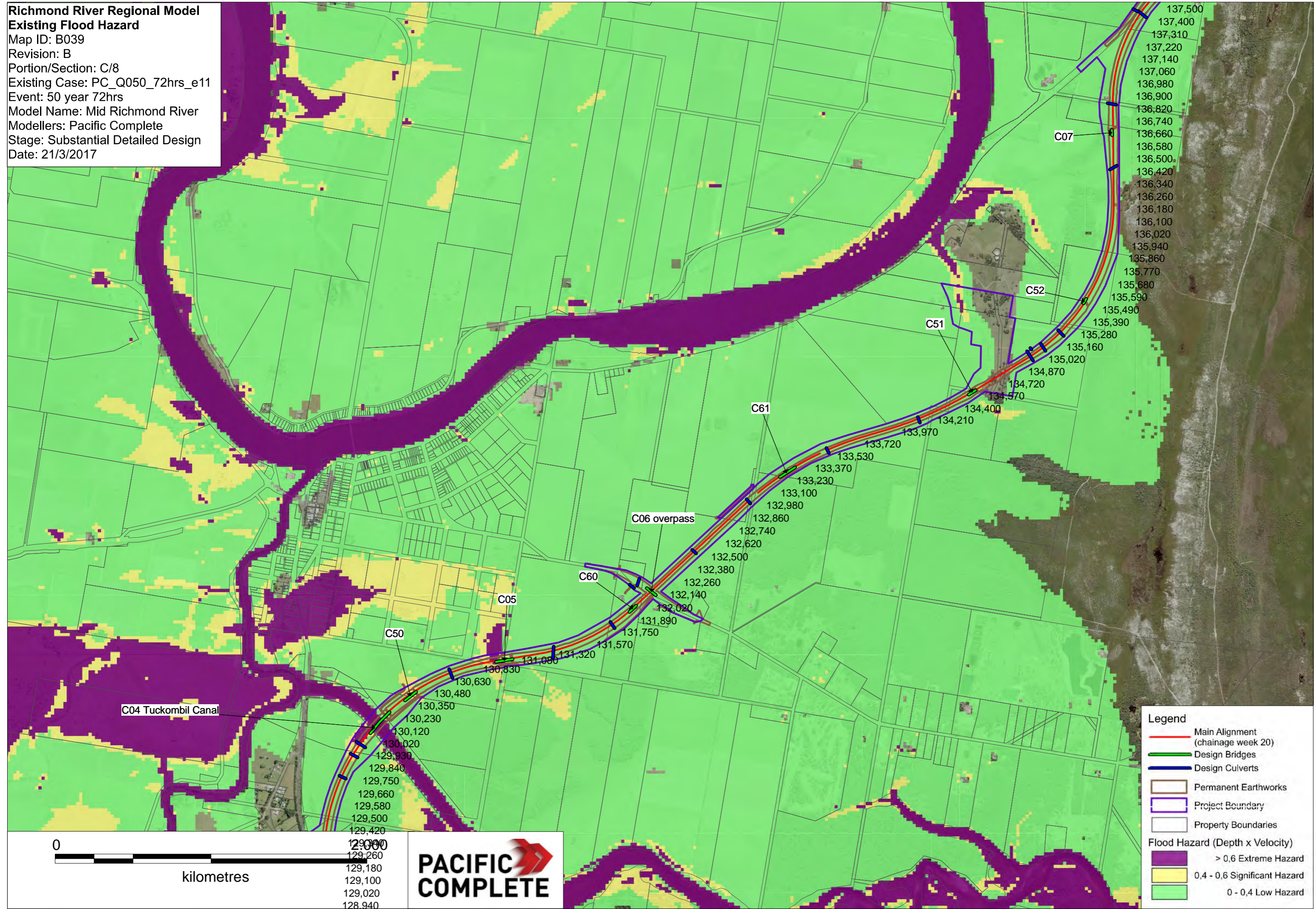
**Flood Hazard (Depth x Velocity)**

- > 0,6 Extreme Hazard
- 0,4 - 0,6 Significant Hazard
- 0 - 0,4 Low Hazard



137,500  
137,400  
137,310  
137,220  
137,140  
137,060  
136,980  
136,900  
136,820  
136,740  
136,660  
136,580  
136,500  
136,420  
136,340  
136,260  
136,180  
136,100  
136,020  
135,940  
135,860  
135,770  
135,680  
135,590  
135,490  
135,390  
135,280  
135,160  
135,020  
134,870  
134,720  
134,570  
134,400  
134,210  
133,970  
133,720  
133,530  
133,370  
133,230  
133,100  
132,980  
132,860  
132,740  
132,620  
132,500  
132,380  
132,260  
132,140  
132,020  
131,890  
131,750  
131,570  
131,320  
131,080  
130,830  
130,630  
130,480  
130,350  
130,230  
130,120  
130,020  
129,930  
129,840  
129,750  
129,660  
129,580  
129,500  
129,420  
129,300  
129,260  
129,180  
129,100  
129,020  
128,940

**Richmond River Regional Model  
Existing Flood Hazard**  
 Map ID: B039  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



**Legend**

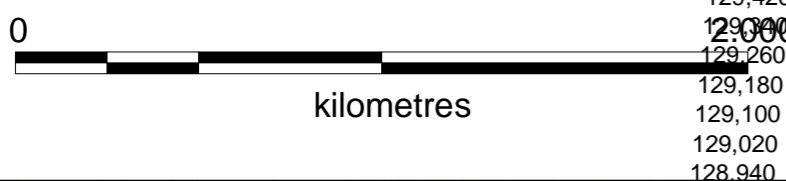
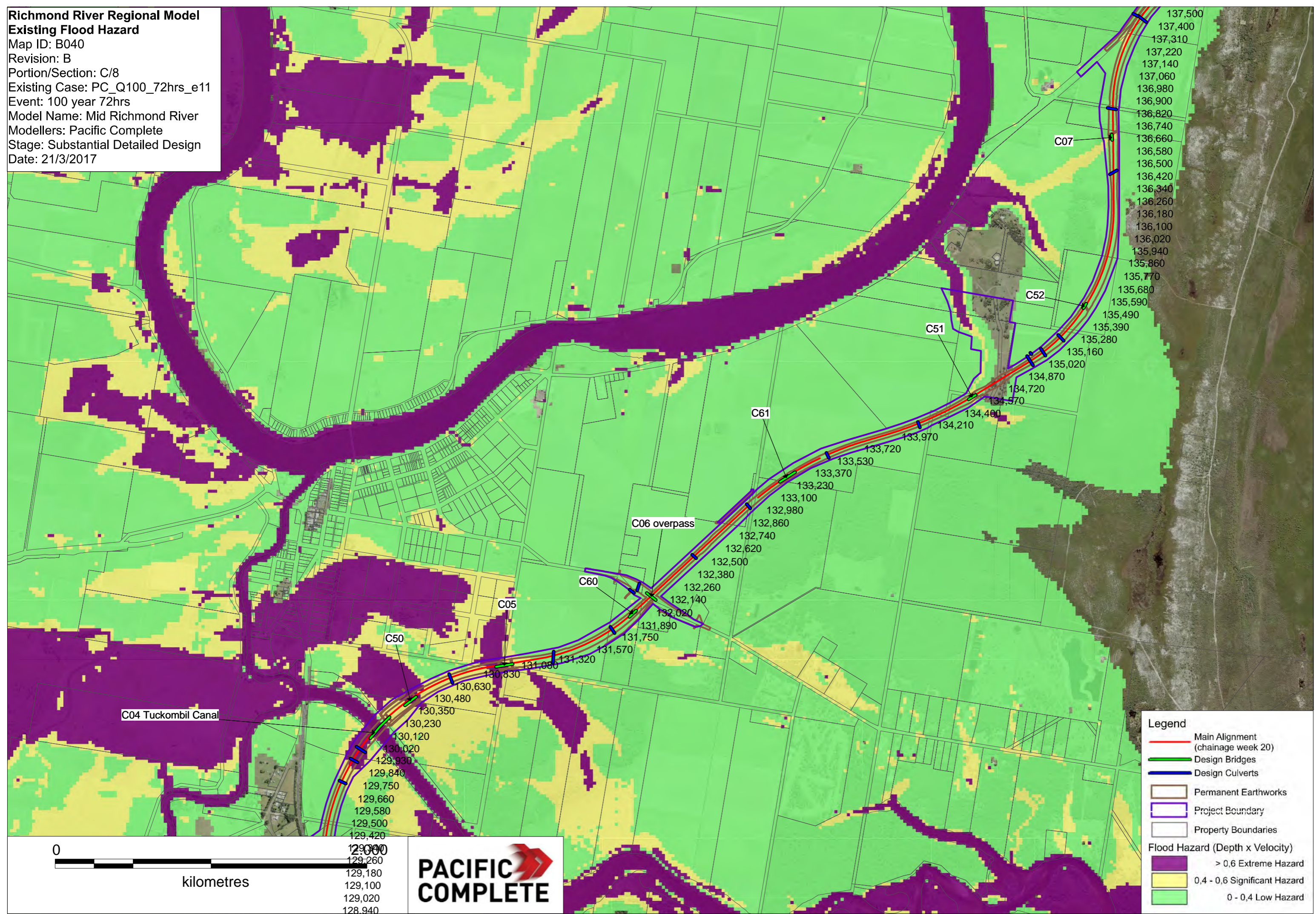
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Hazard (Depth x Velocity)**

- > 0,6 Extreme Hazard
- 0,4 - 0,6 Significant Hazard
- 0 - 0,4 Low Hazard



**Richmond River Regional Model  
Existing Flood Hazard**  
 Map ID: B040  
 Revision: B  
 Portion/Section: C/8  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



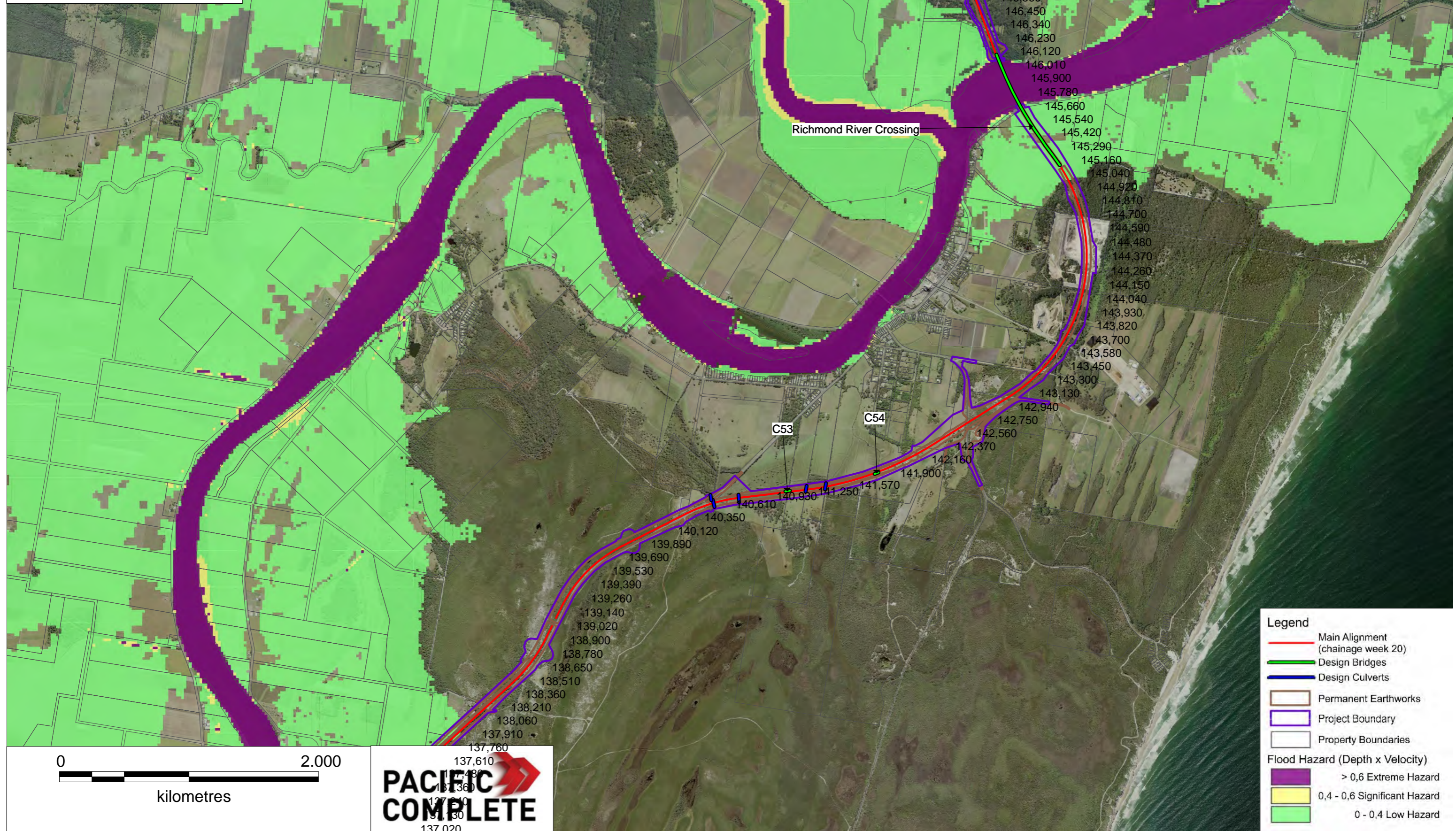
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Hazard (Depth x Velocity)**

- > 0,6 Extreme Hazard
- 0,4 - 0,6 Significant Hazard
- 0 - 0,4 Low Hazard

**Richmond River Regional Model**  
**Existing Flood Hazard**  
 Map ID: B041  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q005\_72hrs\_e11  
 Event: 5 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

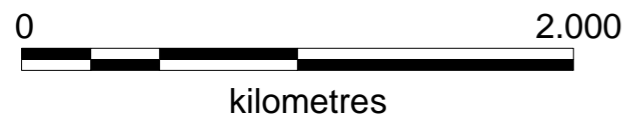


**Legend**

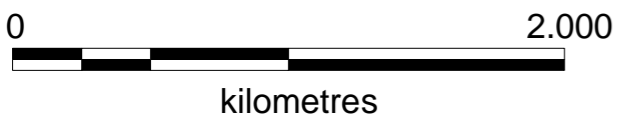
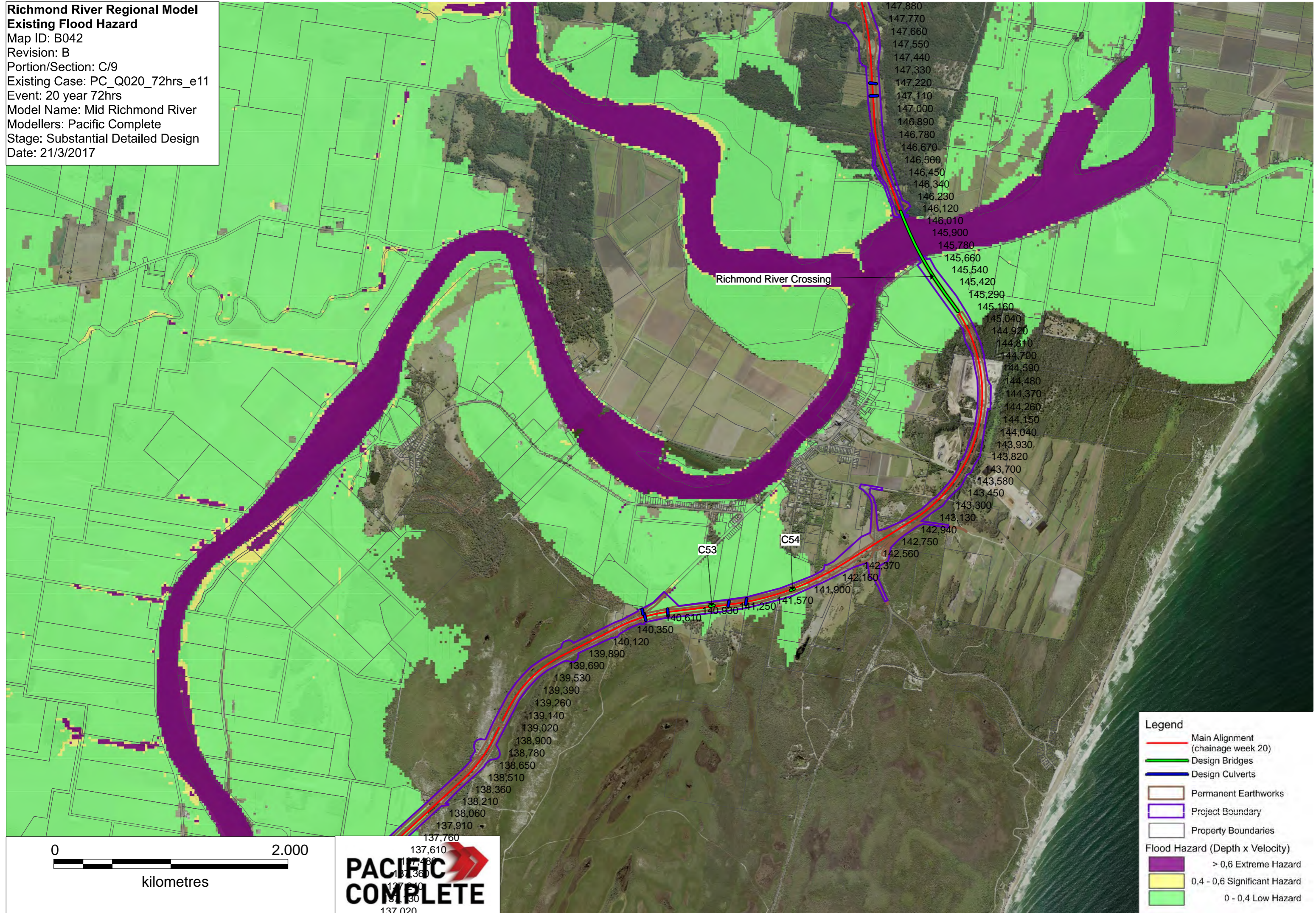
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Hazard (Depth x Velocity)**

- > 0,6 Extreme Hazard
- 0,4 - 0,6 Significant Hazard
- 0 - 0,4 Low Hazard



**Richmond River Regional Model**  
**Existing Flood Hazard**  
 Map ID: B042  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q020\_72hrs\_e11  
 Event: 20 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



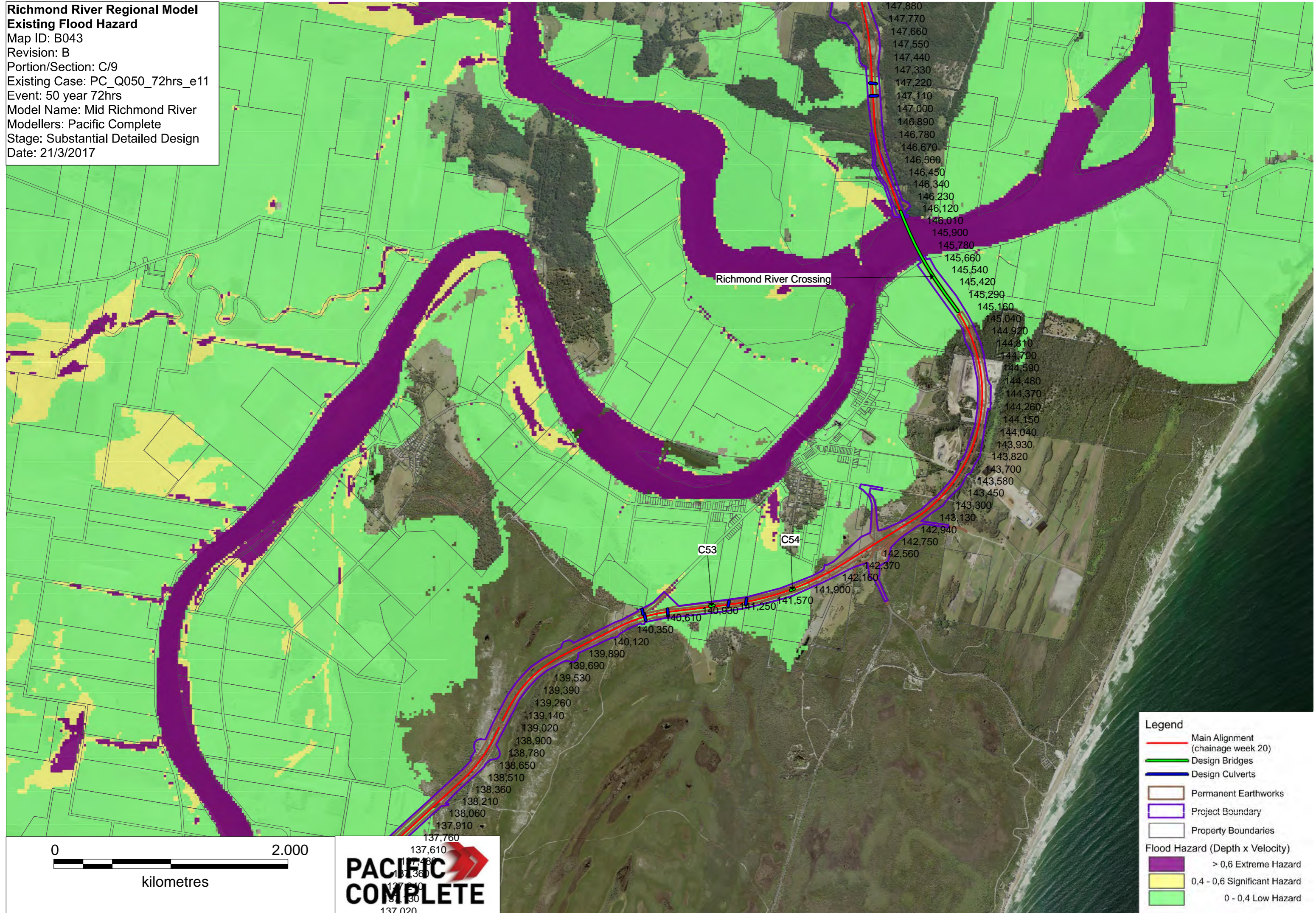
**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Hazard (Depth x Velocity)**

- > 0,6 Extreme Hazard
- 0,4 - 0,6 Significant Hazard
- 0 - 0,4 Low Hazard

**Richmond River Regional Model**  
**Existing Flood Hazard**  
 Map ID: B043  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q050\_72hrs\_e11  
 Event: 50 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017

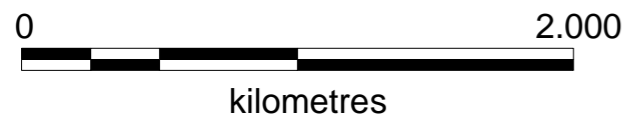


**Legend**

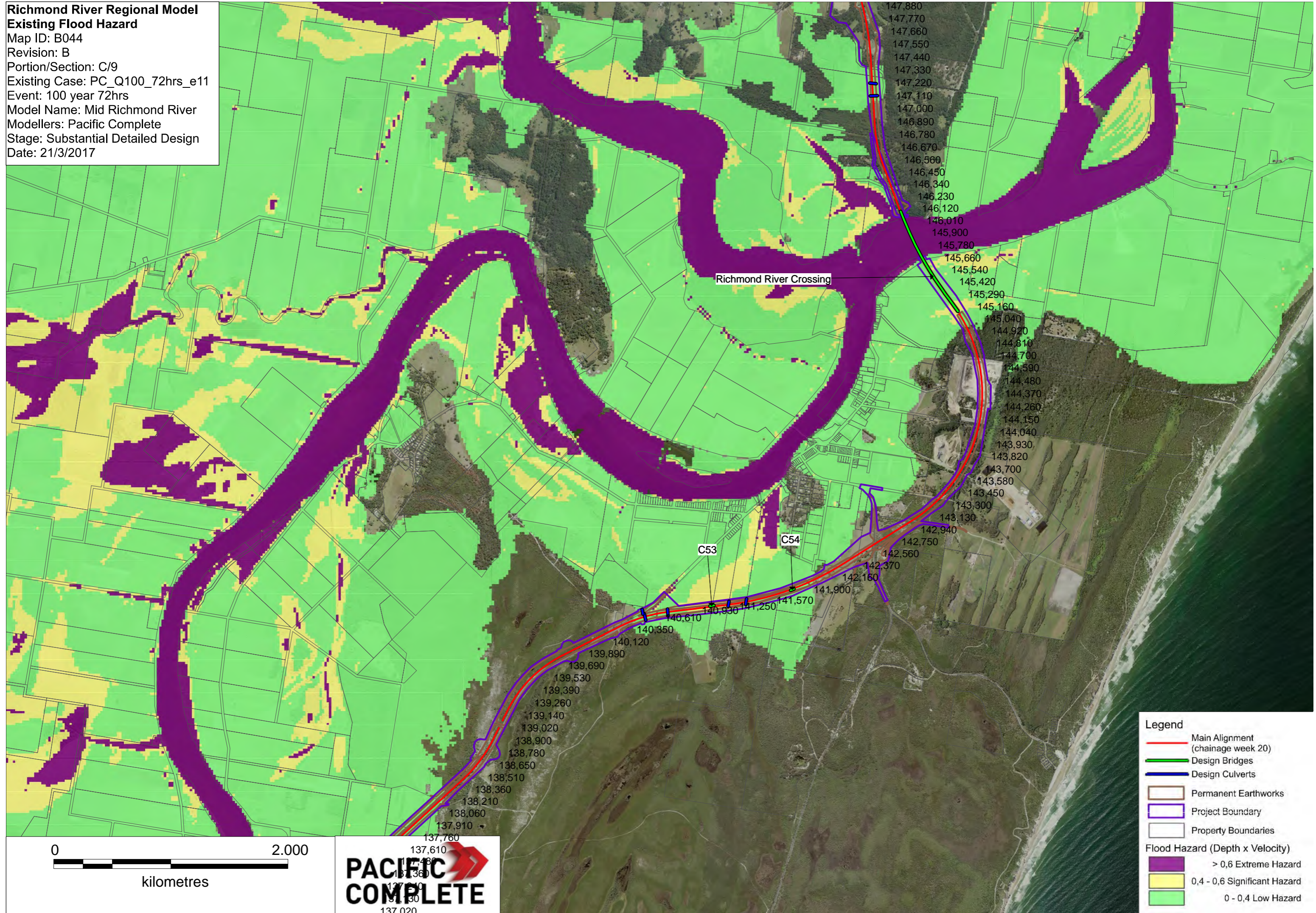
- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Hazard (Depth x Velocity)**

- > 0,6 Extreme Hazard
- 0,4 - 0,6 Significant Hazard
- 0 - 0,4 Low Hazard



**Richmond River Regional Model  
Existing Flood Hazard**  
 Map ID: B044  
 Revision: B  
 Portion/Section: C/9  
 Existing Case: PC\_Q100\_72hrs\_e11  
 Event: 100 year 72hrs  
 Model Name: Mid Richmond River  
 Modellers: Pacific Complete  
 Stage: Substantial Detailed Design  
 Date: 21/3/2017



147,880  
 147,770  
 147,660  
 147,550  
 147,440  
 147,330  
 147,220  
 147,110  
 147,000  
 146,890  
 146,780  
 146,670  
 146,560  
 146,450  
 146,340  
 146,230  
 146,120  
 146,010  
 145,900  
 145,780  
 145,660  
 145,540  
 145,420  
 145,290  
 145,160  
 145,040  
 144,920  
 144,810  
 144,700  
 144,590  
 144,480  
 144,370  
 144,260  
 144,150  
 144,040  
 143,930  
 143,820  
 143,700  
 143,580  
 143,450  
 143,300  
 143,130  
 142,940  
 142,750  
 142,560  
 142,370  
 142,160  
 141,900  
 141,570  
 141,250  
 140,930  
 140,610  
 140,350  
 140,120  
 139,890  
 139,690  
 139,530  
 139,390  
 139,260  
 139,140  
 139,020  
 138,900  
 138,780  
 138,650  
 138,510  
 138,360  
 138,210  
 138,060  
 137,910  
 137,760  
 137,610  
 137,480  
 137,360  
 137,240  
 137,120  
 137,000  
 136,880  
 136,760  
 136,640  
 136,520  
 136,400  
 136,280  
 136,160  
 136,040  
 135,920  
 135,800  
 135,680  
 135,560  
 135,440  
 135,320  
 135,200  
 135,080  
 134,960  
 134,840  
 134,720  
 134,600  
 134,480  
 134,360  
 134,240  
 134,120  
 134,000  
 133,880  
 133,760  
 133,640  
 133,520  
 133,400  
 133,280  
 133,160  
 133,040  
 132,920  
 132,800  
 132,680  
 132,560  
 132,440  
 132,320  
 132,200  
 132,080  
 131,960  
 131,840  
 131,720  
 131,600  
 131,480  
 131,360  
 131,240  
 131,120  
 131,000  
 130,880  
 130,760  
 130,640  
 130,520  
 130,400  
 130,280  
 130,160  
 130,040  
 129,920  
 129,800  
 129,680  
 129,560  
 129,440  
 129,320  
 129,200  
 129,080  
 128,960  
 128,840  
 128,720  
 128,600  
 128,480  
 128,360  
 128,240  
 128,120  
 128,000  
 127,880  
 127,760  
 127,640  
 127,520  
 127,400  
 127,280  
 127,160  
 127,040  
 126,920  
 126,800  
 126,680  
 126,560  
 126,440  
 126,320  
 126,200  
 126,080  
 125,960  
 125,840  
 125,720  
 125,600  
 125,480  
 125,360  
 125,240  
 125,120  
 125,000  
 124,880  
 124,760  
 124,640  
 124,520  
 124,400  
 124,280  
 124,160  
 124,040  
 123,920  
 123,800  
 123,680  
 123,560  
 123,440  
 123,320  
 123,200  
 123,080  
 122,960  
 122,840  
 122,720  
 122,600  
 122,480  
 122,360  
 122,240  
 122,120  
 122,000  
 121,880  
 121,760  
 121,640  
 121,520  
 121,400  
 121,280  
 121,160  
 121,040  
 120,920  
 120,800  
 120,680  
 120,560  
 120,440  
 120,320  
 120,200  
 120,080  
 120,000

**Legend**

- Main Alignment (chainage week 20)
- Design Bridges
- Design Culverts
- Permanent Earthworks
- Project Boundary
- Property Boundaries

**Flood Hazard (Depth x Velocity)**

- > 0,6 Extreme Hazard
- 0,4 - 0,6 Significant Hazard
- 0 - 0,4 Low Hazard

