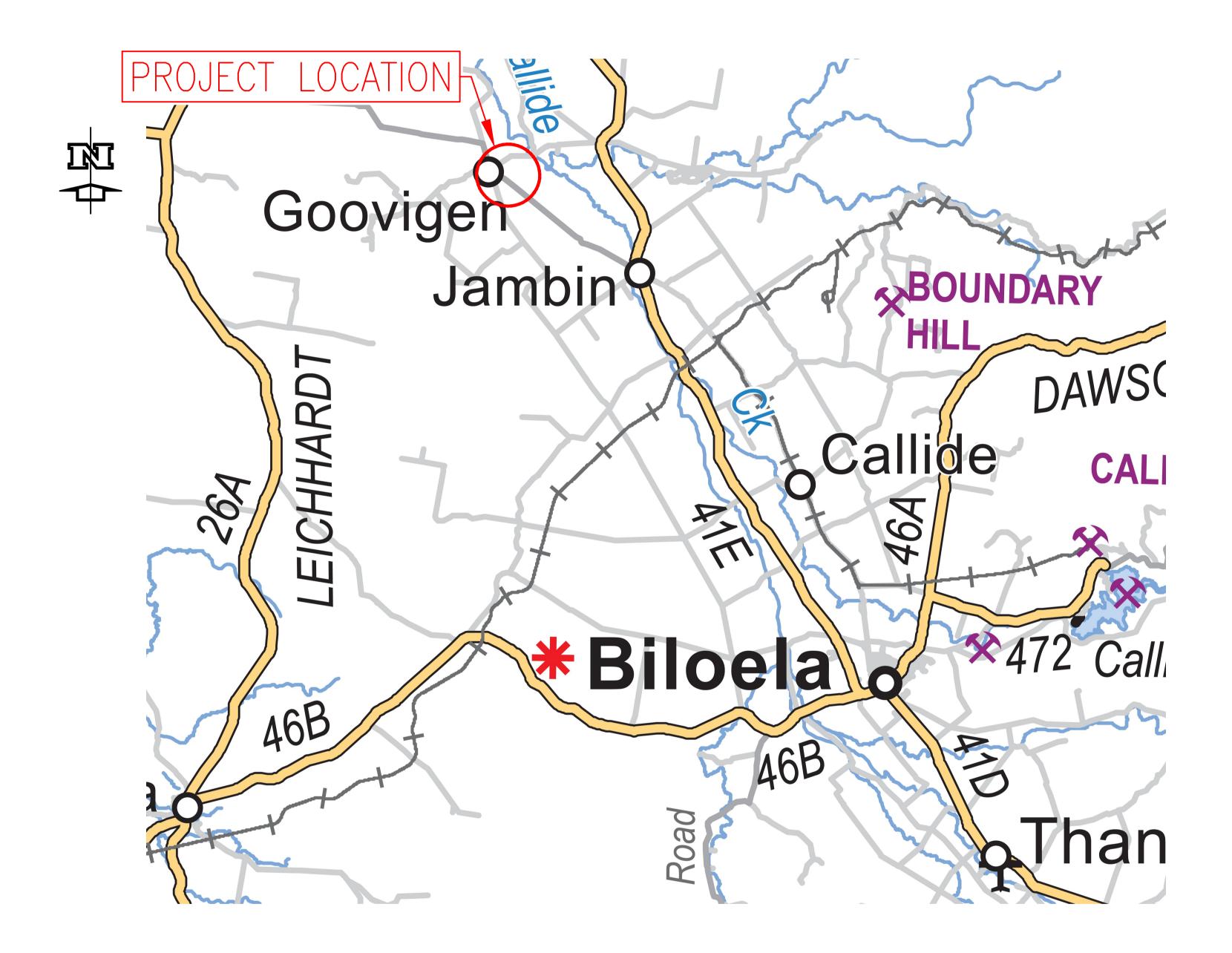
Www.byda.com.au

NO WORK IS SO IMPORTANT THAT IT CANNOT BE DONE SAFELY

GOOVIGEN FLOODWAY REPLACEMENT JAMBIN GOOVIGEN ROAD(10.004km - 10.105km)



(DRAWING INDEX								
(DRAWING NUMBER	REV	DRAWING DESCRIPTION						
(P11164-C-G0001	В	DRAWING INDEX & LOCALITY PLAN						
(P11164-C-R0001	В	TYPICAL CROSS SECTION						
(P11164-C-R0101	В	WORKING PLAN - MC01						
(P11164-C-R0401	Α	ANNOTATED CROSS SECTION - MCO1 (SHEET 1 OF 2)						
(P11164-C-R0402	В	ANNOTATED CROSS SECTIONS - MCO1 (SHEET 2 OF 2)	^					
TOTAL NUMBER OF DRAWINGS = 5									

ISSUED FOR CONSTRUCTION
PLOT DATE: Jun 30, 2025 - 8:22am

			Note FIGU DIM ENG HAR
В	Revised Project Extents	25/06/2025	
Α	Issued For Construction	21/05/2025	
No.	Revision	Date	

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GOOVIGEN FLOODWAY REPLACEMENT

JAMBIN GOOVIGEN RD

DRAWING INDEX AND LOCALITY PLAN

Owg. No.	Sheet	Issue
P11164-C-G0001	1 OF 5	В

AADT: 141 (2022)

Design Life: 20 Years

Design Subgrade CBR = 3%

BITUMEN SURFACING

AMC00

C170

C170

Cover Aggregate 10mm @ 175m²/m³

 $1.1L/m^{2}$

0.8 Litres/m²

1.6 Litres/m²

 $16 \text{mm} \ \text{@} \ 95 \ \text{m}^2/\text{m}^3$

 $DESA = 2.40 \times 10^5$

HV: 28%

Binder

Binder

Binder

Spray Rate

Seal D/D

1st Coat

2nd Coat

Spray Rate

Cover Aggregate

Information shown on Type Cross Sections is nominal only. Refer Setting Out Drawings

Shoulder

Road Edge

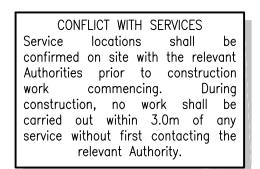
Guide Post

Point



NO WORK IS SO **IMPORTANT THAT** IT CANNOT BE **DONE SAFELY**

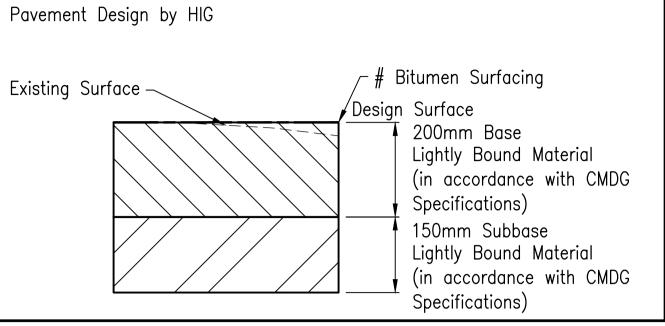
& Annotated Cross Sections for variations.



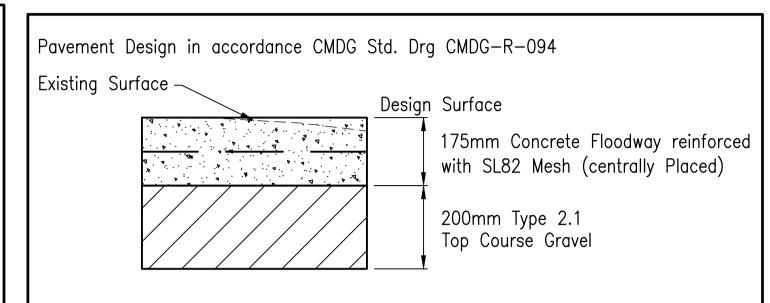
NOTES:

- 1. Provide transverse joints at 4.0m spacing's
- Provide longitudinal joints at centerline for two lane floodway.
- Concrete strength to be 32 MPa.
- 4. Lap reinforcement fabric 250mm.
- Floodway signage to be installed in accordance with MUTCD (Part 2, Figure 4.27) 6. Delineation to be installed on floodway shoulder at maximum
- 5m centers and spaced evenly to suit floodway length. Delineation to be installed at centerline of two-lane floodway.
- 7. Floodway depth markers to be installed at lowest point on floodway aligned to downstream side.
- 8. All road side furniture is to be removed and replace as
- 9. Stripping of topsoil is not required where depth of embankment is less than 100mm.
- 10. Cut/Fill Volumes do not Include Allowance for Removal of
- 11. Earthworks, Excavation may be re-used as embankment fill.
- 12. Batters may be steepened in localised areas where required to join smoothly to existing.





PAVEMENT DESIGN — PAVEMENT REHAB



 $d_{50} = 400 \text{mm}$

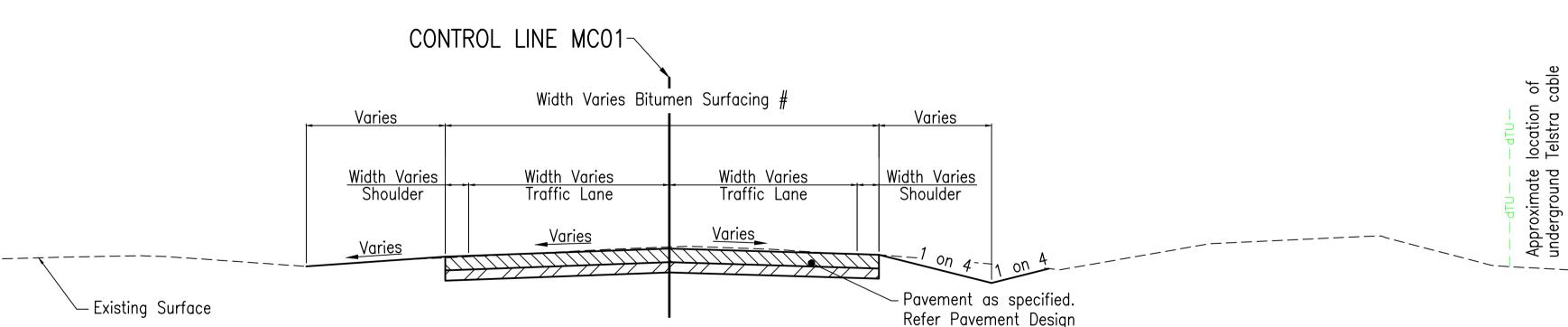
1/4 tonne Rock Class

Filtration Class V

(Application Rates are for Estimating Purposes Only) CONTROL LINE MC01~ 2.0m 8.0m Concrete Floodway 5.0m Existing Surface _<u>1%_</u> _ _ _ _ FLOW . Max. -5%<u>Max.</u> −5% Scour Protection: $d_{50} = 400 \text{mm}$ Pavement as specified 1/4 tonne Rock Class Refer Pavement Design — Floodway 600mm x 150mm Geofabrics Class E, TYPE A: FLOODWAY Scour Protection: Cut-off Wall with SL62 Filtration Class V

10035.000 - 10080.000

HIGH IMPACT WATERWAY 'RED'



Refer Pavement Design TYPE B: PAVEMENT REHAB

Mesh (Centrally Place)

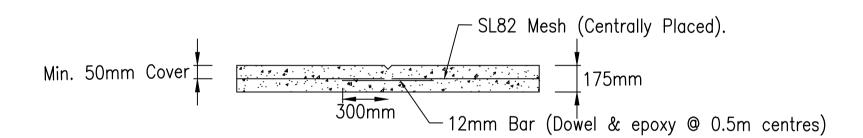
Refer CMDG-R-094(B)

for details.

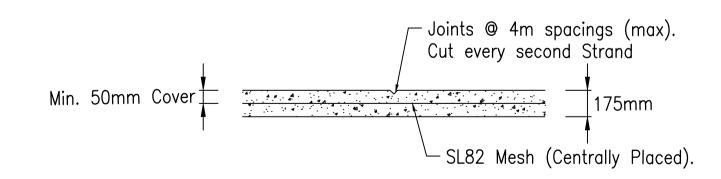
CH. 9985.000 - 10035.000 CH. 10080.000 - 10105.000 B

This detail shows the location to be adopted for R.E.G.P's in relation to the shoulder point only. For additional information, Refer Std. Dwg. No. 1356 & Manual of Uniform Traffic Control Devices.

REGP DETAIL



LONGITUDINAL CONSTRUCTION JOINT SCALE 1:25



TRANSVERSE JOINT

SCALE 1:25 Refer CMDG For Details of Construction Joints and Transverse Joints

0,5 1 1,5 2 2,5m

Plan - Scale 1:50 (m)(A1) 1:100(A3)

ISSUED FOR CONSTRUCTION PLOT DATE: Jun 30, 2025 - 8:23am

B Revised Project Extents 30/06/2025 A Issued For Construction 21/05/2025 No. Revision Date

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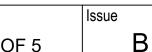
GOOVIGEN FLOODWAY REPLACEMENT

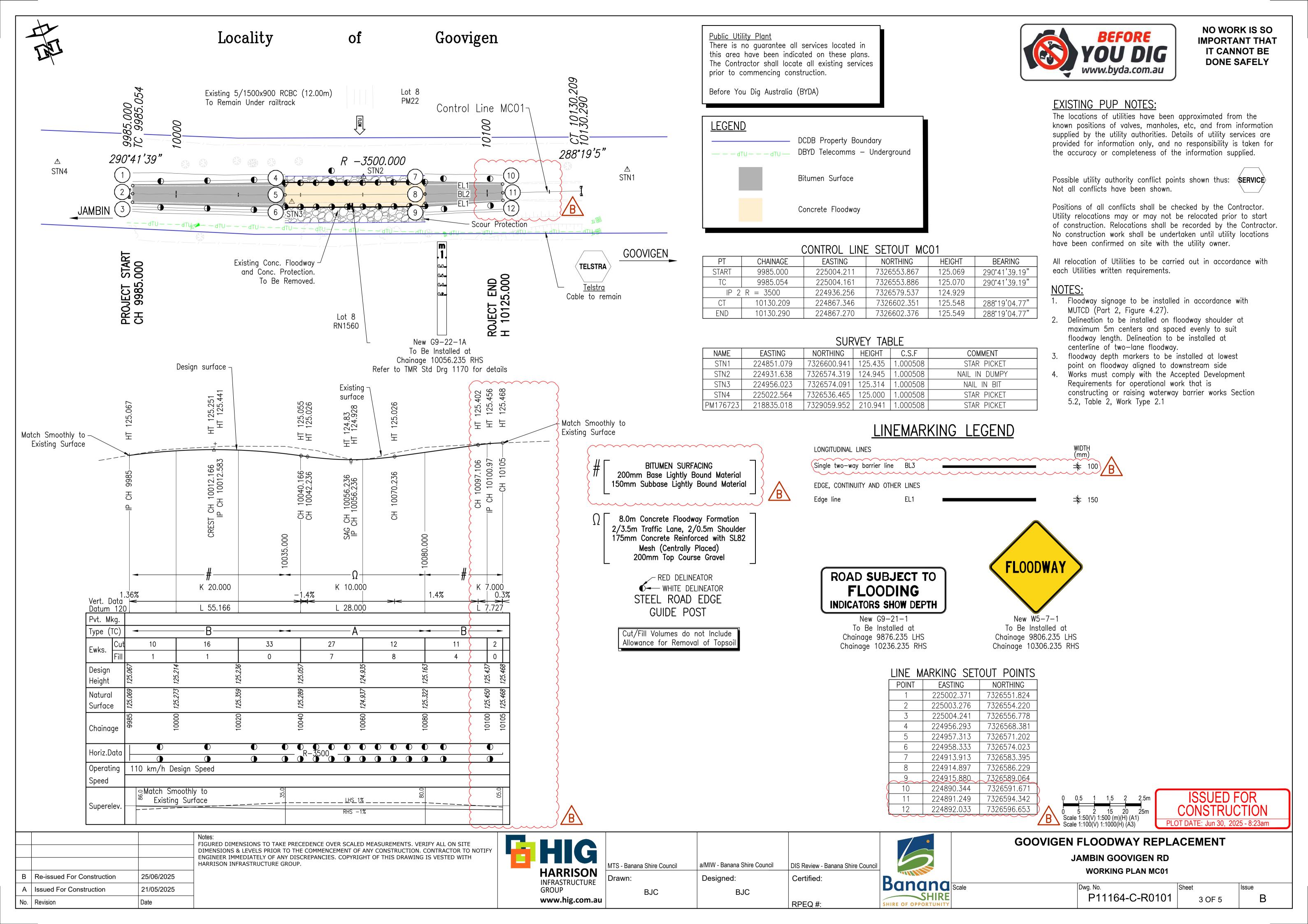
JAMBIN GOOVIGEN RD

TYPICAL CROSS SECTION

P11164-C-R0001

2 OF 5





CONTROL LINE MC01 X = 224971.408 Y = 7326566.072 Z = 125.236		1 in -11.1			1 in -3,7 in	- Ex. PBYD Comms U/G
Datum 124.00		No. 1				
DESIGN HEIGHT	124.987	125.233		125.214	124.7	124.961
SUBGRADE HEIGHT	124.987	125.233	124.	124.850	124.	124.961
EXISTING SURFACE	124.987	125.205	125.359	125.270	125.044	124.961
OFFSETS	-6.398	-3.669	0.000	2.918	5.511	905.9
		CHAINA	AGE 10020	0.000		s U/G
CONTROL LINE MC01 X = 224990.168 Y = 7326559.138 Z = 125.214		-6.60%	Control		<u> 1 in -4.27 in </u>	- Ex.dPBYD Comms DCDB Boundary
Datum 124.00		-				
DESIGN HEIGHT	124.937	125.	125.214	125.203	124.764	
SUBGRADE HEIGHT	124.937	125.166	124.864	124.841	124.764	
EXISTING SURFACE	124.937	125.126	125.273	125.272	125.116	
OFFSETS	-6.708	-3.228		2.810		
•	,	CHAINA	GE 10000	.000)/n st
CONTROL LINE MC01 X = 225003.276 Y = 7326554.220 Z = 125.080		-3.48%	-2.69% Control Line		<u>1_in7</u>	— Ex.dPBYD_Comms
Datum 124.00						
DESIGN HEIGHT	124.876	125.008		125.076		
SUBGRADE HEIGHT	124.876	125.008	124.667	124.716	124.801	
EXISTING SURFACE	124.876	125.010	125.020	125.087	124.993	
OFFSETS	-6.689	-2.919	-2.561	2.734	4.980	

			Control Line				Ex. DBYD Comms U/DCDB Boundary
CONTROL LINE MC01 ——— X = 224914.897 Y = 7326586.229 Z = 125.163 Datum 122.00		-5.00%	1.00%			-5.00%	fill to existing surface
DESIGN HEIGHT	125.103	125.203	125.163	125.124	125.123	124.873	
SUBGRADE HEIGHT	124.780	124.601	124.813	125.007	124.524	124.550	
EXISTING SURFACE	125.104	125.202	125.322	125.110	125.098	124.735	
OFFSETS	000.9-	-4.000	0.000	3.850	4.000	9.000	
			CHAINAGE	_			ims U/G

			CHAINAGE	10080.000 _E			ms U/6
				Control Lin			Ех. _с РВУ <u>Р.</u> Сотг <u>DCDB Bou</u> ndary
CONTROL LINE MCO		-5.00%	1.00%	-1.00%		-5.00%	
X = 224933.772 Y = 7326579.618 Z = 124.935							fill to existing surface
Datum 122.00							
DESIGN HEIGHT	124.875	124.975	124.974	124.935	124.897 124.895	124.645	
SUBGRADE HEIGHT	124.553	124.374	124.857	124.585	124.780	124.323	
EXISTING SURFACE	124.902	124.895	124.893	124.937	124.760 124.748	124.427	
OFFSETS	-6.000	000	0	0.000	3.850	9.000	

	5/n su					
			Control Line			Ex. d By D Comms
CONTROL LINE MC01 X = 224952.610 Y = 7326572.899 Z = 125.058						
Datum 122.00						
DESIGN HEIGHT	125.063	125.098	125.058	125.019	125.018	
SUBGRADE HEIGHT	124.675	124.496	124.708	124.902	124.419	
EXISTING SURFACE	125.063	125.168	- ~	125.157	125.151	
OFFSETS	000.9-	-4.000	0.000	3.850	4.000	

CHAINAGE 10040.000

ISSUED FOR CONSTRUCTION
PLOT DATE: Jun 30, 2025 - 8:23am

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Α	Issued For Construction	21/05/2025	
No.	Revision	Date	

CHAINAGE 9985.000



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	BJC	BJC		
u			RPEQ #:	S

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GOOVIGEN FLOODWAY REPLACEMENT
JAMBIN GOOVIGEN RD

g. No.	Sheet	Issue
P11164-C-R0401	4 OF 5	Α



				Control_Line						
CONTROL LINE MC01 $X = 224891.249$				Contr						
Y = 7326594.342 Z = 125.468		-5.81%		4.85%	-3.56%		<u> 1_in_</u> _5			
Datum 124.00										
DESIGN HEIGHT	125.169	125.314	125.331	125.468	125.382	125.374	124.847	200		
SUBGRADE HEIGHT	125.169	125.314	124.981	125.468		125.374	124.847			
EXISTING SURFACE	125.169	125.320	125.331	125.468	125.382	125.370	125.095	200		
OFFSETS	-5.671	-3.191	-2.826	0.000	2.441	2.651	5.278			
		CHAII	NAGE	10105	5.000					
CONTROL LINE MC01 X = 224895.983 Y = 7326592.733				Control Line	<i>-</i> 3.05%		1 in .			
X = 224895.983 Y = 7326592.733 Z = 125.437		<i>CHAII</i> -6.28%		Control Line			1 in -4.6			
X = 224895.983 Y = 7326592.733	125.148	-6.28%	_	Control Line	-3.05%	125.348		(
X = 224895.983 Y = 7326592.733 Z = 125.437 Datum 124.00	125.148	125.313 125.313	_	437 Control Line	-3.05%	125.348 125.348	124.810	124.301	. ———	
X = 224895.983 Y = 7326592.733 Z = 125.437 Datum 124.00 DESIGN HEIGHT		125.305 125.313 125.313	125.324 124.982 125.332	437 125.437 Control Line	-3.05%	125.348	124.810 124.810			
X = 224895.983 Y = 7326592.733 Z = 125.437 Datum 124.00 DESIGN HEIGHT SUBGRADE HEIGHT	125.148	125.313 125.313	125.324 124.982 125.332	25.450 <i>125.437 125.437</i> Control Line	25.363 125.009 125.359	125.324 125.348 125.348	124.810 124.810	124.301 124.301		

В	Revised Project Extents	30/06/2025
Α	Issued For Construction	21/05/2025
No	Revision	Date

Notes:

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ANNOTATED	CROSS	SECTIONS -	- MC01	(SHEET	2 OF 2
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Dwg. No.	Sheet	Issue
P11164-C-R0402	5 OF 5	

GOOVIGEN FLOODWAY REPLACEMENT

JAMBIN GOOVIGEN ROAD

IDP ID NO. 25/26 INF-3799



DRAWING SHEET INDEX				
SHEET NUMBER	SHEET TITLE	REVISION		
1	LOCALITY PLAN & DRAWING SHEET INDEX	Α		
2	DETAIL PLAN AND DIMENSION - SITE 2	Α		
3	DETAIL PLAN AND DIMENSION - SITE 3	Α		

LOCALITY PLAN NOT TO SCALE

"WARNING"

The location of existing public utilities shown on these drawings is approximate only and in some cases may be inaccurate or incomplete. No responsibility is accepted for nor is any guarantee made as to the accuracy of the locations shown that have been plotted from information provided by the relevant public utility authorities. The attention of the user of these drawings is directed to the possible existence of underground public utilities and private service lines not shown or at locations different from those shown on these drawings. It is the responsibility of those persons using these drawings to confirm the existence of all public utilities and private service lines within the vicinity of the works in conjunction with the relevant public utility authority and/or by physical location.

			4
Α	FOR REVIEW	25/07/2025	
No.	Revision	Date	General

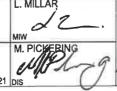
P. BARAL

DESIGN

N. GARVEY

MTS

317.







GOOVIGEN FLOODWAY REPLACEMENT LOCALITY PLAN & DRAWING SHEET INDEX

3799-001 Sheet 1 OF 3	Issue A

