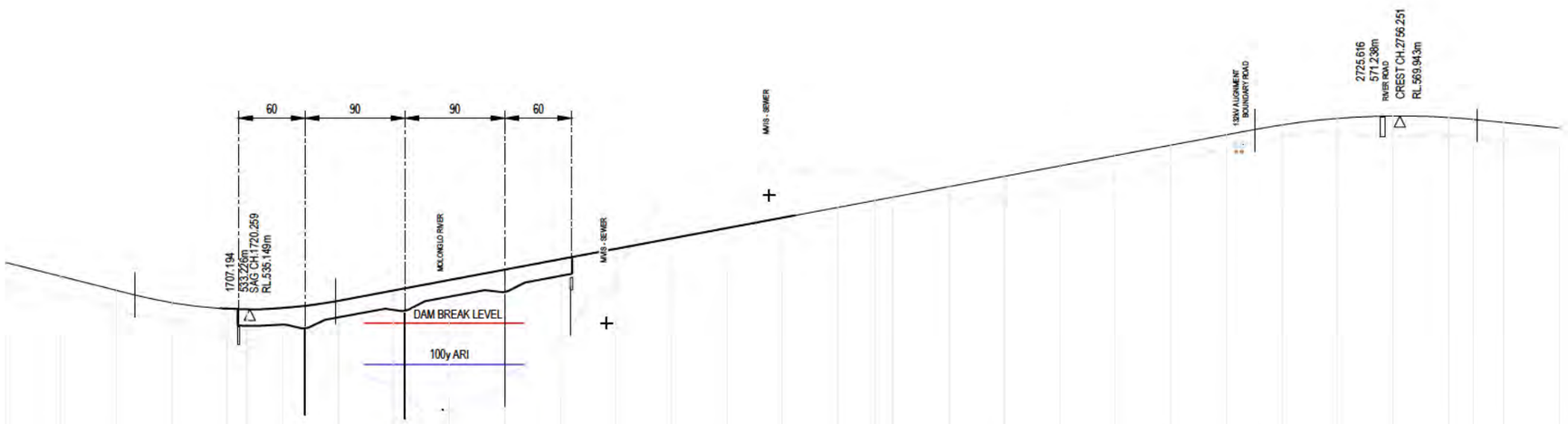

DATUM R.L.501.000

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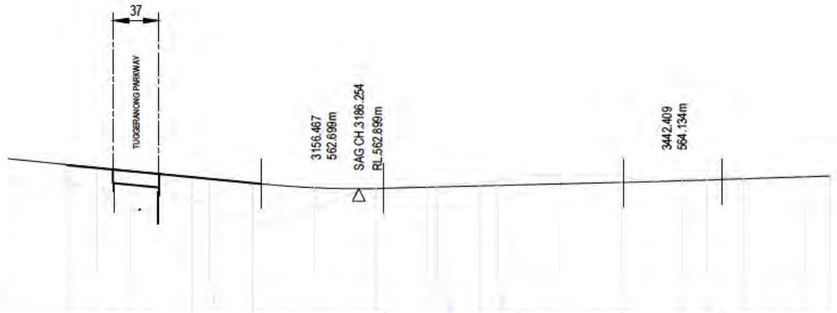

DATUM R.L.542.000

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TUGGERANONG PARKWAY

DUAL CARRIAGEWAY BRIDGE
OVER TUGGERANONG PARKWAY

OPTION 5 - MC510

EXISTING TUGGERANONG PARKWAY BRIDGE
- TO BE WIDENED TO ACCOMMODATE A THIRD NORTHBOUND LANE AS PART OF A SEPARATE PROJECT

Molonglo River

JOINS SHEET

JOINS SHEET

TUGGERANONG PARKWAY
NORTHBOUND THIRD LANE

SIGNALISED
INTERSECTIONS

OPTION 5 - MC510

3025.211
3025.000
3000
3000
2950
2950
2900
2900
2850
2850
TP 2824.396
TP 2824.185
2800
2800
2750
2750
CREST 2687.649
2700
2700
TP 2628.980
2650
2650
CREST 2684.208
2600
2600
TP 2624.153
TP 2492.124
2550
2550
2500
2500
TP 2487.297
2450
2450
2400
2400
2350

LEGEND

- THREATENED GRASSLANDS
- THREATENED WOODLANDS
- PINK TA LED WORM LIZARD HABITAT
- ARBORETUM PLANTINGS
- MOLONGLO CYCLE HIGHWAY

150mm ON ORIGINAL

A1

DRAWING FILE LOCATION / NAME
V:_Vault\Projects\3002\3002754\110_CADD\CAD\DWG\01_CONCEPT_FEASIBILITY\3002754-0513.dwg

PLOT DATE 10 Jun 2020 TIME 18:58:12

NOT FOR CONSTRUCTION

EXTERNAL REFERENCE F LES
3002754_SMEC_A1
J754_SURVX_00
J754_SURVX_01A
J754_SURVX_01B
J754_SURVX_02
J754_SURVX_SXC
J754_CULVERTS_ALL
J754_ENVIRO_CONSTRAINTS
J754_ENVIRO_ENT
J754_ENVIRO_GRASSLAND
J754_ENVIRO_THRSTD_WOODLAND
J754_ENVIRO_THRSTD_FAUNA
J754_MOLO_FLOOD_LEVELS
J754_MOLONGLO_REACH
COD-TUGGERANONG
J754_CONTX
TCD_AT_01A
J754_UTIL_01
J754_UTILI_01A
J754_FRAME_OPT_05
J754_INT_OPT_05
J754_SITE_OPT_05
J754_LEG_ENV RO
J754_PAV_OPT_05
J754_DES_TUGG_PLAN
J754_DES_TUGG_PWY_3RD_LANE
J754_DES_CAD_OPT_05
J754_MO_ACTMAN_2020

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
01	10.06.2020	DRAFT MCA WORKSHOP - FOR INFORMATION ONLY	WVR 001	D.T.

TITLE	NAME
DRAFTER	C. DAWSON
DRAFTING CHECK	K. CURLEY
DESIGNER	M. WATSON
DESIGN CHECK	TBC
PROJECT MANAGER	D. TONGE
PROJECT DIRECTOR	D. KEEP

SCALES AT A1 SIZE DRAWING

SCALE 1:2000 20 0 20 40 60 80 100 m

DES GNER

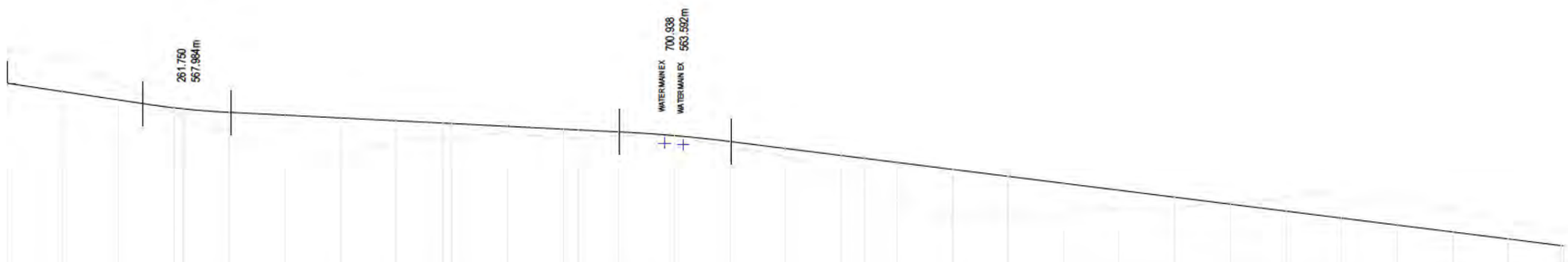
SMEC
Member of the Surbana Jurong Group
SMEC AUSTRALIA PTY LTD
© ABN 47 065 475 149
SUITE 2, LEVEL 1, 243 NORTHBOURNE AVENUE
LYNEHAM ACT 2602 AUSTRALIA
SMEC PROJECT No 3002754

CLIENT

PROJECT TITLE
MOLONGLO EAST WEST ARTERIAL
FEAS BILITY STUDY

OPTION 5 ALIGNMENT
SHEET 3

SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	FEASIB LITY STUDY	3002754-0513	01



DATUM R.L.528.000

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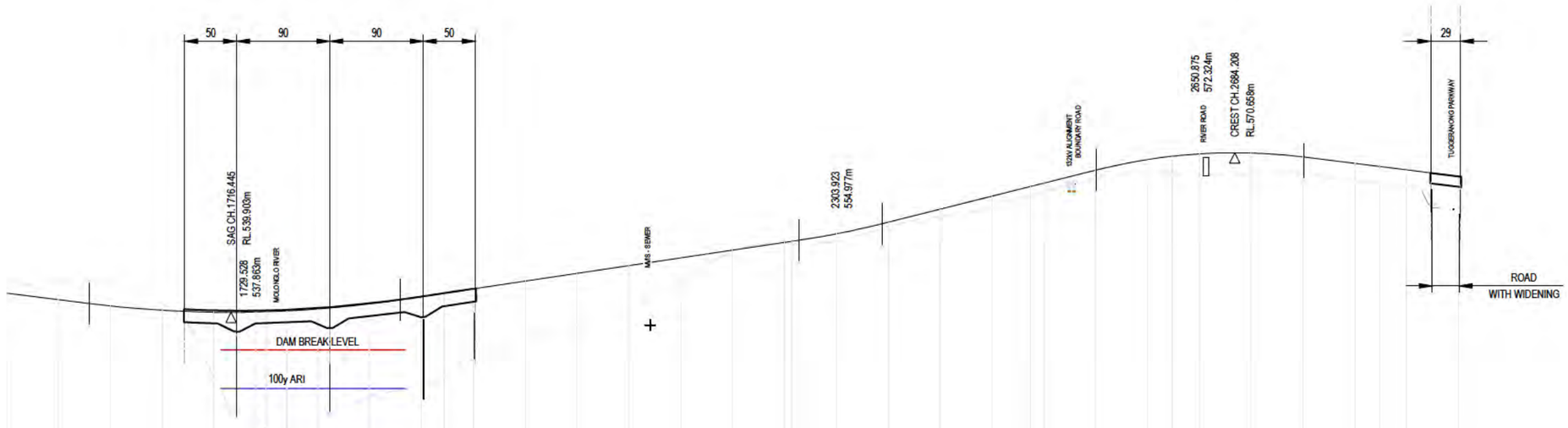

DATUM R.L.501.000

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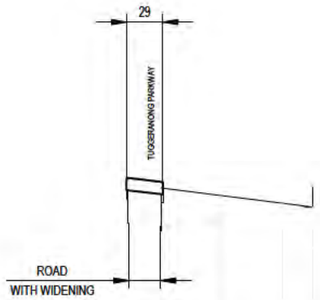

DATUM R.L.541.000

VERTICAL ALIGNMENT	G=-2.500% L=274.125			
HORIZONTAL ALIGNMENT				
DESIGN LEVELS	566.096	564.846	563.596	562.971
EXISTING LEVELS	559.512	559.624	557.000	556.292
STATION	2900	2950	3000	3025

LONGITUDINAL SECTION ALONG CONTROL MC510

150mm ON ORIGINAL

A1

DRAWING FILE LOCATION / NAME: V:_Vault\Projects\3002\3002754\110_CADD\CAD\DWG\01_CONCEPT_FEASIBILITY\3002754-0523.dwg					PLOT DATE: 10 Jun 2020	TIME: 19:00:38	
EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE	NAME
3002754_SMEC_v1_3002754_L3_OPT_05 MC510_03	01	10.06.2020	DRAFT MCA WORKSHOP - FOR INFORMATION ONLY	WVR 001	D.T.	DRAFTER	C. DAWSON
						DRAFTING CHECK	K. CURLEY
						DESIGNER	M. WATSON
						DESIGN CHECK	TBC
						PROJECT MANAGER	D. TONGE
						PROJECT DIRECTOR	D. KEEP

SCALES AT A1 SIZE DRAWING:
HORIZ. 1:2500 25 0 25 50 75 100 125 m
VERT. 1:1000 10 0 10 20 30 40 50 m

DESIGNER: SMEC
Member of the Surbana Jurong Group
SMEC AUSTRALIA PTY LTD
© ABN 47 065 475 149
SUITE 2, LEVEL 1, 243 NORTHBOURNE AVENUE
LYNEHAM ACT 2602 AUSTRALIA
SMEC PROJECT No 3002754

CLIENT:

NOT FOR CONSTRUCTION

PROJECT TITLE: MOLONGLO EAST WEST ARTERIAL
CONCEPT FEASIBILITY STUDY
OPTION 5 ALIGNMENT - WESTBOUND
LONGITUDINAL SECTON CONTROL LINE MC510
SHEET 3

SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	FEASIBILITY STUDY	3002754-0523	01

TUGGERANONG PARKWAY

OPTION 6 - MC610

SINGLE TWO WAY CARRIAGEWAY BRIDGE OVER TUGGERANONG PARKWAY

EXISTING TUGGERANONG PARKWAY BRIDGE
- TO BE RECONFIGURED TO ACCOMMODATE SOUTHBOUND MOVEMENTS ONLY
- TWO SOUTHBOUND PARKWAY LANES AND AUXILIARY LANE BETWEEN INTERCHANGES

Molonglo River

JOINS SHEET 2

TUGGERANONG PARKWAY NORTHBOUND THIRD LANE

CYCLEWAY UNDERPASS PARKWAY EXIT RAMP

OPTION 6 - MC610

NEW TUGGERANONG PARKWAY BRIDGE OVER MOLONGLO RIVER
- TO ACCOMMODATE NORTHBOUND MOVEMENTS ONLY
- THREE NORTHBOUND PARKWAY LANES

JOINS SHEET 2

LEGEND

- THREATENED GRASSLANDS
- THREATENED WOODLANDS
- PINK TAILED WORM LIZARD HABITAT
- ARBORETUM PLANT NGS
- MOLONGLO CYCLE HIGHWAY

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME	V:_Vault\Projects\3002\3002754\110_CADD\CAD\DWG\01_CONCEPT_FEASIBILITY\3002754-0613.dwg
PLOT DATE	02 Oct 2020
TIME	17:15:28

EXTERNAL REFERENCE FILES

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J754_SURVX_01A
J754_SURVX_01B
J754_SURVX_02
J754_SURVX_SXC
J754_CONTOURS_
J754_ENVIRO_CONSTRAINTS
J754_ENVIRO_ENT
J754_ENVIRO_GRASSLAND
J754_ENVIRO_THREAT_WOODLAND
J754_ENVIRO_THREAT_FAUNA
J754_MOLO_FLOOD_LEVELS
C02-TUGGERANONG
J754_CONTX
TCD_00_01A
TCD_00_01_P
J754_UTILI_SYA
J754_FRAME_OPT_06
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J754_CONCEPT_PLAN
J754_DES_LAND_OPT_06
J754_ENVIRO_PA01

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
01	07.06.2020	DRAFT MCA WORKSHOP - FOR INFORMATION ONLY	WVR 002	D.T.

TITLE	NAME
DRAFTER	C. DAWSON
DRAFTING CHECK	K. CURLEY
DESIGNER	M. WATSON
DESIGN CHECK	TBC
PROJECT MANAGER	D. TONGE
PROJECT DIRECTOR	D. KEEP

SCALES AT A1 SIZE DRAWING

SCALE 1:2000 (20 0 20 40 60 80 100 m)

DESIGNER

SMEC

Member of the Surbana Jurong Group

SMEC AUSTRALIA PTY LTD
© ABN 47 065 475 149
SUITE 2, LEVEL 1, 243 NORTHBOURNE AVENUE
LYNEHAM ACT 2602 AUSTRALIA
SMEC PROJECT No 3002754

CLIENT

PROJECT TITLE

MOLONGLO EAST WEST ARTERIAL FEAS BILITY STUDY

OPTION 6 ALIGNMENT SHEET 3

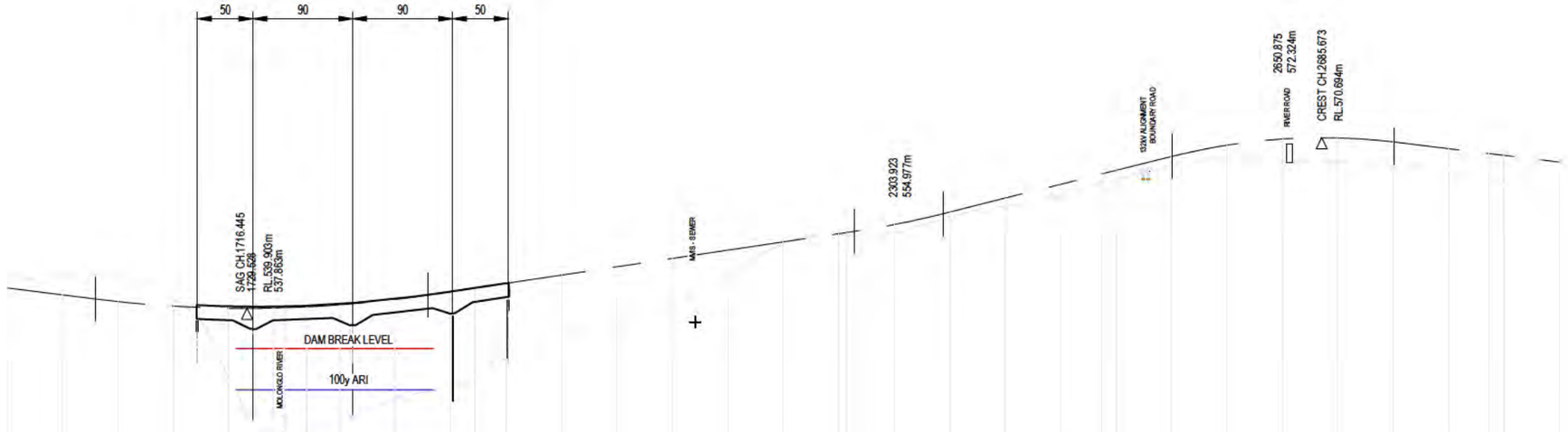
SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	FEASIB LITY STUDY	3002754-0613	01

150mm ON ORIGINAL

A1

DATUM R.L.528.000

| | | |



DATUM R.L.501.000

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