



GMR Engineering Services

PRELIMINARY
(NOT FOR CONSTRUCTION)
09/06/2022

REDUCED SCALE

Rural City of Wangaratta Prosecco Bicycle Trail - Proposed Alignment King Valley



DRAWING SCHEDULE		
DRAWING NUMBER	DRAWING TITLE	REVISION
GMR21020.A1.01	Cover Sheet	
GMR21020.A1.02	Preliminary Alignment - Overall	F
GMR21020.S1.01	Preliminary Alignment - Section 1	D
GMR21020.S1.02 - S1.08	Preliminary Alignment Enlargement	F
GMR21020.S1.09 - S1.18	Preliminary Cross Sections	C
GMR21020.S2.01	Preliminary Alignment - Section 2	D
GMR21020.S2.02 - S2.15	Preliminary Alignment Enlargement	F
GMR21020.S2.16 - S32	Preliminary Cross Sections	C
GMR21020.S3.01	Preliminary Alignment - Section 3	D
GMR21020.S3.02 - S3.09	Preliminary Alignment Enlargement	F
GMR21020.S3.10 - S3.20	Preliminary Cross Sections	C
GMR21020.S4.01	Preliminary Alignment - Section 4	D
GMR21020.S4.02 - S4.05	Preliminary Alignment Enlargement	F
GMR21020.S4.06 - S4.10	Preliminary Cross Sections	C
GMR21020.S5.01	Preliminary Alignment - Section 4	D
GMR21020.S5.02 - S5.09	Preliminary Alignment Enlargement	F
GMR21020.S5.10 - S5.18	Preliminary Cross Sections	C
GMR21020.S6.01	Preliminary Alignment - Section 6	D
GMR21020.S6.02 - S6.08	Preliminary Alignment Enlargement	F
GMR21020.S6.09 - S6.16	Preliminary Cross Sections	C
GMR21020.S7.01	Preliminary Alignment - Section 7	D
GMR21020.S7.02 - S7.05	Preliminary Alignment Enlargement	F
GMR21020.S7.06 - S2.11	Preliminary Cross Sections	C
GMR21020.S8.01	Preliminary Alignment - Section 8	E
GMR21020.S8.02 - S8.07	Preliminary Alignment Enlargement	G
GMR21020.S8.08 - S8.17	Preliminary Cross Sections	C

DRAWING SCHEDULE		
DRAWING NUMBER	DRAWING TITLE	REVISION
GMR21020.A1.01	Cover Sheet	
GMR21020.S9.01	Preliminary Alignment - Section 9	D
GMR21020.S9.02 - S9.04	Preliminary Alignment Enlargement	F
GMR21020.S9.05 - S9.13	Preliminary Cross Sections	C
GMR21020.BR.01 - BR.02	Existing Bridge 1 - Stoney Creek	A
GMR21020.BR.03 - BR.04	Existing Bridge 2 - Stoney Creek	A
GMR21020.BR.05 - BR.06	Existing Bridge 4 - King River	A
GMR21020.BR.07 - BR.08	Existing Bridge 5 - King River	A
GMR21020.TR.01	Truss Bridge Details	B
GMR21020.TR.02 - TR.05	Truss Bridge Enlargement	B
GMR21020.EW.01 - EW.08	Proposed Elevated Boardwalk Details	B
GMR21020.EE.01 - EE.20	Boardwalk Enlargement	B
GMR21020.SG.01 - SG.07	Proposed Staging Area & Structures	B
GMR21020.RC.01 - RC.05	Proposed Road Crossings & Typical Structures	B
GMR21020.LA.01 - LA.04	Land Acquisition Enlargement	A
GMR21020.SB.01	Spoil Berm Arrangement	A
GMR21020.RW.01	Retaining Wall Detail	A
GMR21020.BH.01	Bore Hole Logs	A
GMR21020.R01 - R07	Proposed Alignment Review	D

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WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown.

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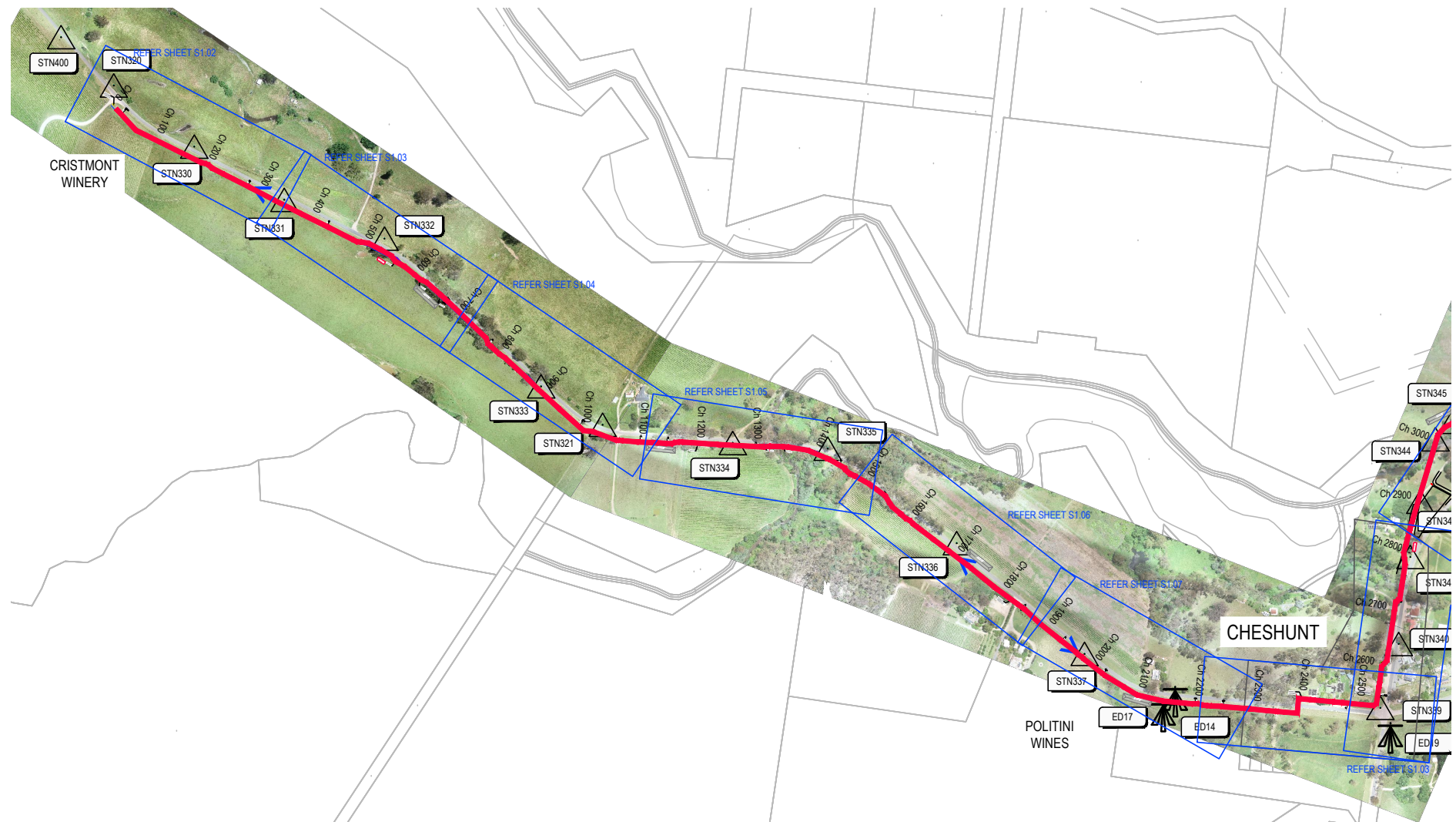
NOTE !
BEWARE OF EXISTING OVERHEAD POWER CABLES.

- GENERAL NOTES:**
- THESE PLANS HAVE BEEN PREPARED FOR RURAL CITY OF WANGARATTA FROM A FIELD SURVEY FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.
 - BUILDINGS AND FENCES SHOWN ALONG BOUNDARY LINES ARE FOR IDENTIFICATION PURPOSES ONLY AND THE SAME IN RELATION TO THE TITLE BOUNDARIES HAS NOT BEEN DETERMINED BY THIS SURVEY.
 - THE LOCATION OF SURFACE PITS, VALVE COVERS, ETC SHOWN HEREON HAVE BEEN NOTED FROM EXISTING RECORDS AND AS VARIATIONS WITH RECORDS MAY EXIST COMPLETE ACCURACY CANNOT BE GUARANTEED.
 - PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE THE RELEVANT AUTHORITY SHOULD BE CONTACTED TO ASCERTAIN THE POSSIBLE LOCATIONS OF FURTHER SERVICES AND DETAILED LOCATIONS OF ALL SERVICES.
 - LEVELS SHOWN ARE IN METERS AND TO A.H.D.

Coordinate Table	PM/STN	Easting	Northing	Elevation	Description
	PMED14	449213.319	5926884.382	269.073	BRASS PLAQUE IN CONCRETE
	PMED17	449238.926	5926863.722	269.011	BRASS PLAQUE IN CONCRETE
	PMED19	449275.682	5927253.904	266.858	BRASS PLAQUE IN CONCRETE
	STN320	448180.176	5925060.831	281.255	NAIL IN DUMPY
	STN321	448762.399	5925900.561	275.221	NAIL IN DUMPY
	STN330	448285.019	5925199.130	280.215	NAIL IN DUMPY
	STN331	448378.186	5925353.717	278.893	NAIL IN DUMPY
	STN332	448442.891	5925525.940	278.094	NAIL IN DUMPY
	STN333	448696.538	5925794.830	276.484	NAIL IN DUMPY
	STN334	448793.501	5926124.094	273.479	NAIL IN DUMPY
	STN335	448803.412	5926287.234	273.103	NAIL IN DUMPY
	STN336	448965.672	5926508.826	270.969	NAIL IN DUMPY
	STN337	449155.679	5926728.399	269.813	NAIL IN DUMPY
	STN338	449228.910	5926880.369	269.112	NAIL IN DUMPY
	STN339	449248.435	5927236.590	266.896	NAIL IN DUMPY
	STN340	449138.533	5927268.159	266.488	NAIL IN DUMPY
	STN341	448989.332	5927288.041	265.419	NAIL IN DUMPY
	STN343	448894.584	5927305.174	264.484	NAIL IN DUMPY

CULVERTS, BRIDGE, STRUCTURES & CROSSINGS			
APPROX. CHANGE	FEATURE	CULVERT SIZE/BRIDGE SPAN	REMARKS
0	DRIVEWAY - COMMERCIAL	-	-
100	RCP CULVERT	450 DIA	-
250	RCP CULVERT	375 DIA	-
550	RCP CULVERT	600 DIA	-
1050	DRIVEWAY - PRIVATE	-	-
1175	BOX CULVERT	500H x 800W	-
1315 - 1325	BRIDGE	21.3m	BRIDGE 1 - STONY CREEK 1
1650	BOX CULVERT	225H x 375W	-
1825	DRIVEWAY - COMMERCIAL	-	-
2150	BOX CULVERT	225H x 600W	-
2300	BOX CULVERT	2600H x 900W	-
2325	DRIVEWAY - PRIVATE	-	-
2425	DRIVEWAY - COMMERCIAL	-	CFA
2450	DRIVEWAY - PRIVATE	-	-
2475	DRIVEWAY - PRIVATE	-	-
2425	ROAD CROSSING	-	ROAD CROSSING 1
2500	DRIVEWAY - PRIVATE	-	-

- NOTES:**
- REFER TO ENLARGEMENTS FOR PRIVATE DRIVEWAY CROSSING, CULVERT AND CANTILEVER BRIDGE LOCATIONS.
 - ALL SERVICE LOCATIONS TO BE CONFIRMED PRIOR TO COMMENCEMENT OF WORKS.
 - ALL TELSTRA SERVICES AS SHOWN TO QUALITY LEVEL D (QL-D). ASSET DEPICTED ON PLANS ARE IN SCHEMATIC FORMAT ONLY.
 - VERTICAL TRAIL GEOMETRY BASED UPON 20m LONG VERTICAL CURVES WHERE GRADE CHANGES EXCEEDS 10%. ALSO 10m LONG VERTICAL CURVES WHERE GRADE CHANGE EXCEEDS 5% BUT IS LESS THAN 10%.
 - HORIZONTAL GEOMETRY BASED UPON CURVE RADII OF 10m OR BETTER ALONG LENGTH OF TRAIL. PROPER CURVE RADII AT ROAD CROSSINGS REDUCE TO 2.5m AND 5m TO FORCE RIDERS TO SLOW DOWN AND DISMOUNT.
 - RAMPS ARE PROPOSED TO BE POSITIONED LEADING UP TO TRUSS STRUCTURE BRIDGES TO ELIMINATE NEED FOR EARTH FILL EMBANKMENTS WHERE AMPLE ROOM IS GIVEN FOR SUCH STRUCTURE.
 - BOARDWALKS TO HAVE 1:20 EARTHEN EMBANKMENT APPROACHES AND TO RETAIN A FLAT DECK OVER WATERWAYS. MINIMUM 600mm SOFFIT CLEARANCE AT ALL LOCATIONS.
 - ALL FINISHED TRAIL SURFACES TO BE SLOPED AWAY FROM PAVEMENT AND FREELY DRAINING.
 - ALL CULVERTS TO BE INSTALLED WITH 1:200 SLOPE MIN. AND BE FREELY DRAINING.
 - ALL CULVERT TO BE INSTALLED WITH STONE BEACHING OVER GEOTEXTILE NOMINAL 0.5m² TO EACH END.
 - ALL CULVERT LOCATIONS TO BE MARKED WITH GUIDE POSTS.
 - ALL SPOIL BERMS, AS NOTED, INDICATIVE ONLY, FINAL LOCATIONS TO BE DETERMINED BY CONSTRUCTOR AND REFERENCE TO VEGETATION IMPACT STUDY.



PROPOSED ALIGNMENT - SECTION 1
 SCALE 1:5,000 @ A1
 SCALE 1:10,000 @ A3

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LEGEND.

STORMWATER PIPE	MINOR CONTOUR INTERVAL IS 0.20m	UNDERGROUND WATER MAIN	ALIGNMENT > 6m FROM ROAD	TREE REMOVAL
JUNCTION PIT	MAJOR CONTOUR INTERVAL IS 1.0m	TELSTRA PIT	ALIGNMENT < 6m FROM ROAD	LAND ACQUISITION
SIDE ENTRY PIT	TREES	TELSTRA CABLE	GUARD RAIL	
GRATED TOP ENTRY PIT	DEAD TREE	SIGN POST	ELEVATED BOARDWALK	
KERB AND CHANNEL	PERMANENT SURVEY MARK	GAS MAIN	ELEVATED RAMP	
CENTRELINE OF BITUMEN	GATE	FENCELINE	BRIDGE STRUCTURE	
EDGE OF SEAL	OVERHEAD ELECTRICITY	LINEMARKING	PRIVATE DRIVEWAY	
INVERT OF TABLEDRAIN	UNDERGROUND ELECTRICITY		COMMERCIAL DRIVEWAY	
	ELECTRICITY POLE		WHITFIELD ALIGNMENT (BY OTHERS)	



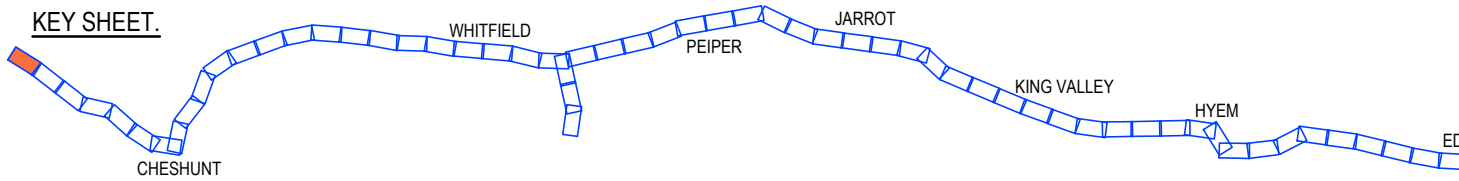
DESIGNED BY G.Ryan February 2022
 DRAFTED BY T.Ainsworth February 2022
 VERIFIED BY

REV	AMENDMENTS	DATE	BY
D	AMENDED AS PER ALIGNMENT REVIEW	04/05/22	TA
C	AMENDED AS PER GMR ALIGNMENT REVIEW	13/04/22	TA
B	AMENDED AS PER GMR MARKUP	04/03/22	TA
A	INITIAL DRAFT	18/02/22	TA
REV	AMENDMENTS	DATE	BY

0 50 100 200
 SCALE 1:5,000 @ A1
 SCALE 1:10,000 @ A3

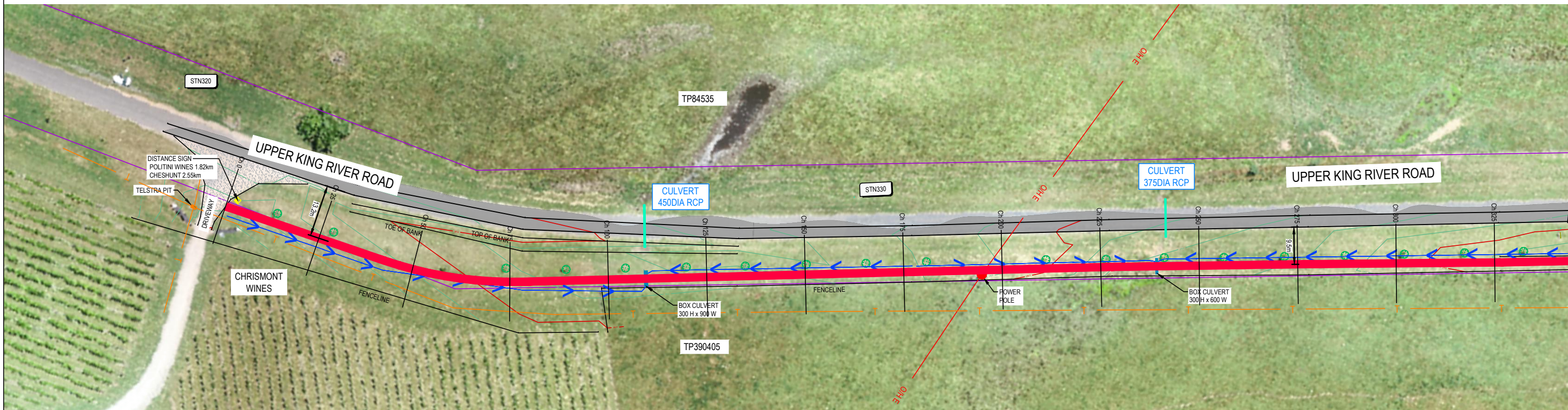
GMR Engineering Services
Rural City of Wangaratta
Prosecco Trail
 Crismont Winery to Edi
 Concept Alignment - Section 1
 Drawing No. GMR21020.S1.01
 Revision. D Sheet No. S1.01
 GMR21020.03 - Proposed Alignment Overall.dwg

PM/STN	Easting	Northing	Elevation	Description
STN320	448180.176	5925060.831	281.255	NAIL IN DUMPY
STN330	448285.019	5925199.130	280.215	NAIL IN DUMPY
STN331	448376.186	5925353.717	278.993	NAIL IN DUMPY



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PROPOSED ALIGNMENT - ENLARGEMENT
SCALE 1:500 @ A1
SCALE 1:1,000 @ A3

Distance in Meters	0.00	25.00	49.76	50.00	56.54	67.47	75.00	78.10	93.91	100.00	107.63	109.00	125.00	132.71	150.00	163.13	165.75	175.00	177.02	188.97	189.02	201.00	201.00	215.00	227.74	237.77	238.00	250.00	275.00	277.79	278.60	300.00	309.34	325.00	326.60	345.00				
CUT/FILL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
EXISTING SURFACE	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73
PROPOSED SURFACE	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73	281.73
PERCENT GRADE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

PROPOSED LONG SECTION
SCALE 1:2,500V, 1:500H @ A1
SCALE 1:5,000V, 1:1,000H @ A3

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LEGEND

- STORMWATER PIPE
- JUNCTION PIT
- SIDE ENTRY PIT
- GRATED TOP ENTRY PIT
- KERB AND CHANNEL
- CENTRELINE OF BITUMEN
- EDGE OF SEAL
- INVERT OF TABLEDRAIN
- MINOR CONTOUR INTERVAL IS 0.20m
- MAJOR CONTOUR INTERVAL IS 1.0m
- TREES
- DEAD TREE
- PERMANENT SURVEY MARK
- GATE
- OVERHEAD ELECTRICITY
- UNDERGROUND ELECTRICITY
- ELECTRICITY POLE
- UNDERGROUND WATER MAIN
- TELSTRA PIT
- TELSTRA CABLE
- SIGN POST
- GAS MAIN
- FENCELINE
- LINEMARKING
- ALIGNMENT > 6m FROM ROAD
- ALIGNMENT < 6m FROM ROAD
- GUARD RAIL
- ELEVATED BOARDWALK
- ELEVATED RAMP
- BRIDGE STRUCTURE
- PRIVATE DRIVEWAY
- COMMERCIAL DRIVEWAY
- WHITFIELD ALIGNMENT (BY OTHERS)
- TREE REMOVAL
- LAND ACQUISITION



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DRAFTED BY T.Ainsworth
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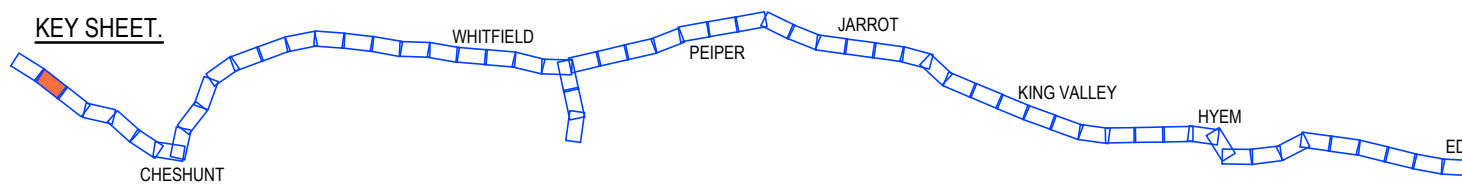
SCALE 1:500 @ A1
SCALE 1:1,000 @ A3

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F	AMENDED FROM DESIGN REVIEW	04/05/22	TA
E	AMENDED AS PER GMR ALIGNMENT REVIEW	13/04/22	TA
D	AMENDED AS PER GMR MARKUPS	04/03/22	TA
C	AMENDED AS PER GMR MARKUPS	18/02/22	TA
B	AMENDED AS PER GMR MARKUPS	03/02/22	TA
A	INITIAL DRAFT	09/12/21	TA

GMR Engineering Services
Rural City of Wangaratta
Prosecco Trail
Chrismont Winery to Edi - Section 1

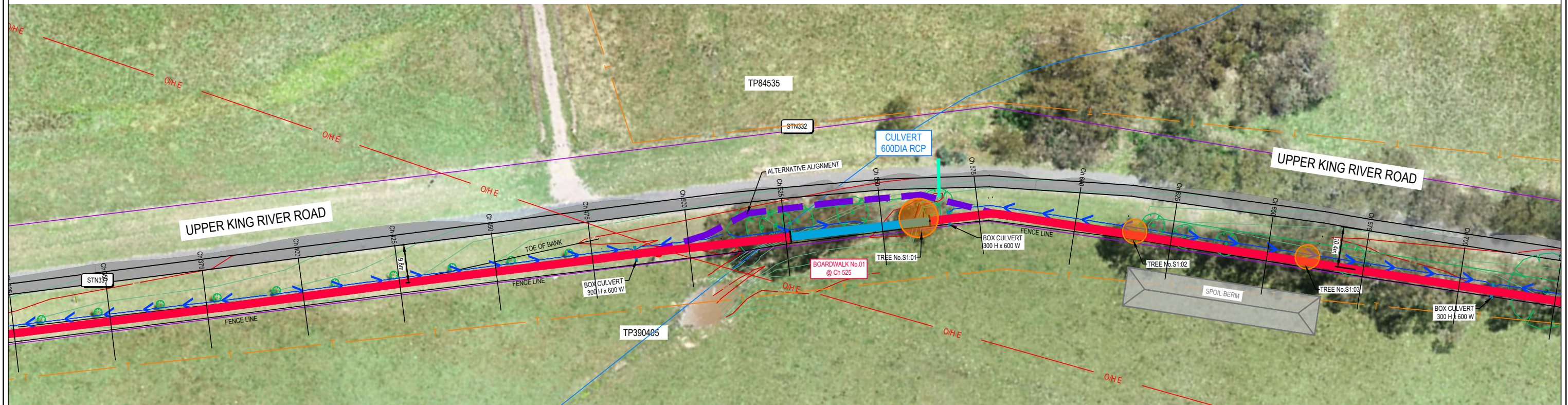
Proposed Alignment - Enlargement
Drawing No. GMR21020.S1.02
Revision. F Sheet No. S1.02
GMR21020.03 - Proposed Alignment Sht 04 - 12.dwg

PM/STN	Easting	Northing	Elevation	Description
STN331	448376.186	5925353.717	278.993	NAIL IN DUMPHY
STN332	448442.891	5925525.940	278.094	NAIL IN DUMPHY



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PROPOSED ALIGNMENT - ENLARGEMENT
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SCALE 1:1,000 @ A3

VERT ALIGN	0.81%																																																																																																												
	Datum 272.000m																																																																																																												
	-0.427%																																																																																																												
	-0.363%																																																																																																												
CUT/FILL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100																																																																																							
EXISTING SURFACE	278.85	278.83	278.75	278.74	278.65	278.63	278.59	278.55	278.44	278.42	278.31	278.28	278.14	278.12	278.08	277.99	277.97	277.91	277.81	277.61	277.51	277.48																																																																																							
PROPOSED SURFACE	278.85	278.83	278.75	278.74	278.65	278.63	278.59	278.55	278.44	278.42	278.31	278.28	278.14	278.12	278.08	277.99	277.97	277.91	277.81	277.61	277.51	277.48																																																																																							
DISTANCE IN METERS	395.00	306.60	346.98	350.00	375.00	378.55	392.84	400.00	495.00	430.10	490.00	454.49	475.00	477.84	486.00	486.14	498.00	500.00	508.67	508.00	511.56	512.50	517.93	517.76	595.00	561.73	598.00	571.63	573.63	575.00	577.87	577.78	577.38	577.28	577.27	577.21	577.16	577.06	576.95	576.85	576.75	576.65	576.55	576.45	576.35	576.25	576.15	576.05	575.95	575.85	575.75	575.65	575.55	575.45	575.35	575.25	575.15	575.05	574.95	574.85	574.75	574.65	574.55	574.45	574.35	574.25	574.15	574.05	573.95	573.85	573.75	573.65	573.55	573.45	573.35	573.25	573.15	573.05	572.95	572.85	572.75	572.65	572.55	572.45	572.35	572.25	572.15	572.05	571.95	571.85	571.75	571.65	571.55	571.45	571.35	571.25	571.15	571.05	570.95	570.85	570.75	570.65	570.55	570.45	570.35	570.25	570.15	570.05	570.00
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PROPOSED LONG SECTION
SCALE 1:2,500, 1:500H @ A1
SCALE 1:5,000V, 1:1,000H @ A3

GMR
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 Website: gmrengr.com.au

LEGEND

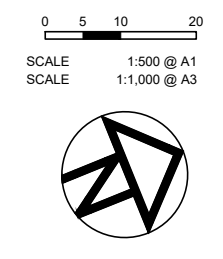
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- JUNCTION PIT: [Symbol]
- SIDE ENTRY PIT: [Symbol]
- GRATED TOP ENTRY PIT: [Symbol]
- KERB AND CHANNEL: [Symbol]
- CENTRELINE OF BITUMEN: [Symbol]
- EDGE OF SEAL: [Symbol]
- INVERT OF TABLEDRAIN: [Symbol]
- MINOR CONTOUR INTERVAL IS 0.20m
- MAJOR CONTOUR INTERVAL IS 1.0m
- TREES: [Symbol]
- DEAD TREE: [Symbol]
- PERMANENT SURVEY MARK: [Symbol]
- GATE: [Symbol]
- OVERHEAD ELECTRICITY: [Symbol]
- UNDERGROUND ELECTRICITY: [Symbol]
- ELECTRICITY POLE: [Symbol]
- UNDERGROUND WATER MAIN: [Symbol]
- TELSTRA PIT: [Symbol]
- TELSTRA CABLE: [Symbol]
- SIGN POST: [Symbol]
- GAS MAIN: [Symbol]
- FENCELINE: [Symbol]
- GATE: [Symbol]
- LINEMARKING: [Symbol]
- ALIGNMENT > 6m FROM ROAD: [Symbol]
- ALIGNMENT < 6m FROM ROAD: [Symbol]
- GUARD RAIL: [Symbol]
- ELEVATED BOARDWALK: [Symbol]
- ELEVATED RAMP: [Symbol]
- BRIDGE STRUCTURE: [Symbol]
- PRIVATE DRIVEWAY: [Symbol]
- COMMERCIAL DRIVEWAY: [Symbol]
- WHITFIELD ALIGNMENT (BY OTHERS): [Symbol]
- TREE REMOVAL: [Symbol]
- LAND ACQUISITION: [Symbol]



DESIGNED BY G.Ryan
 DRAFTED BY T.Ainsworth
 VERIFIED BY

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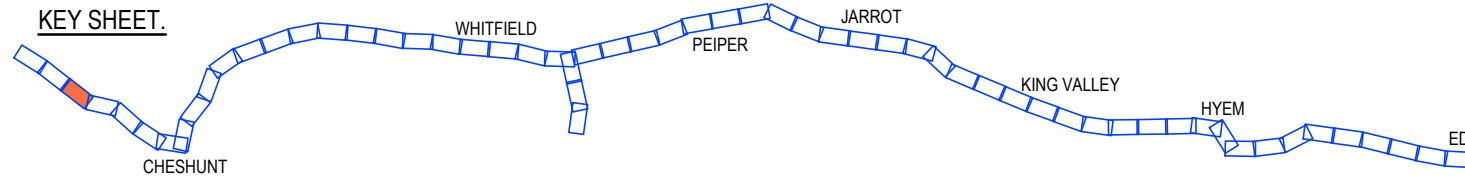
REV	AMENDMENTS	DATE	BY
F	AMENDED FROM DESIGN REVIEW	04/05/22	TA
E	AMENDED AS PER GMR ALIGNMENT REVIEW	13/04/22	TA
D	AMENDED AS PER GMR MARKUPS	04/03/22	TA
C	AMENDED AS PER GMR MARKUPS	18/02/22	TA
B	AMENDED AS PER GMR MARKUPS	03/02/22	TA
A	INITIAL DRAFT	09/12/21	TA



GMR Engineering Services
Rural City of Wangaratta
Prosecco Trail
 Chrismont Winery to Edi - Section 1

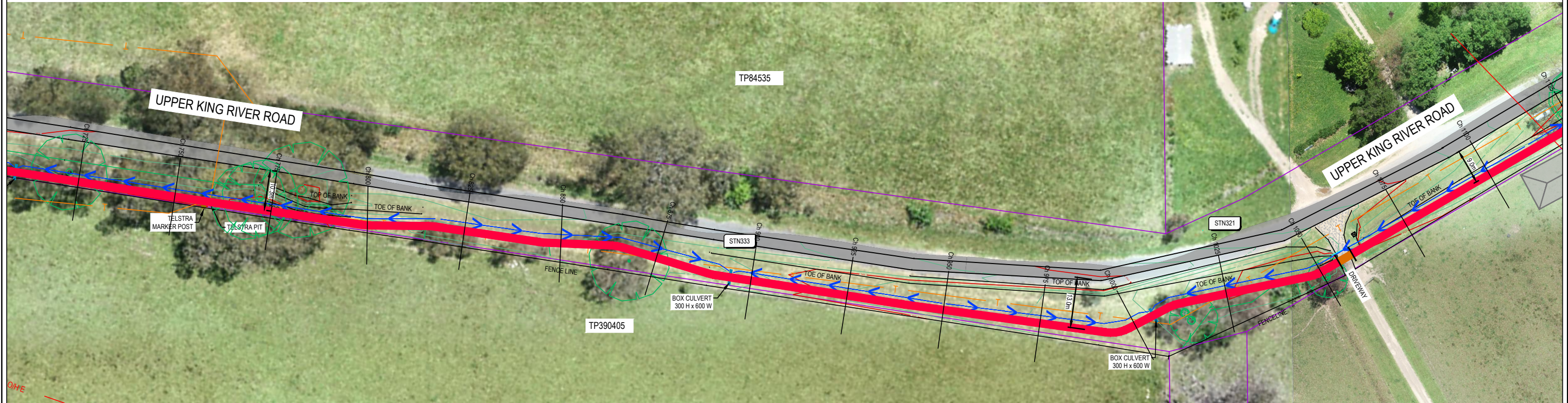
Proposed Alignment - Enlargement
 Drawing No. **GMR21020.S1.03**
 Revision. **F** Sheet No. **S1.03**
 GMR21020.03 - Proposed Alignment Sht 04 - 12.dwg

PM/STN	Easting	Northing	Elevation	Description
STN321	448762.399	5925900.561	275.221	NAIL IN DUMPY
STN333	448696.538	5925794.830	276.484	NAIL IN DUMPY

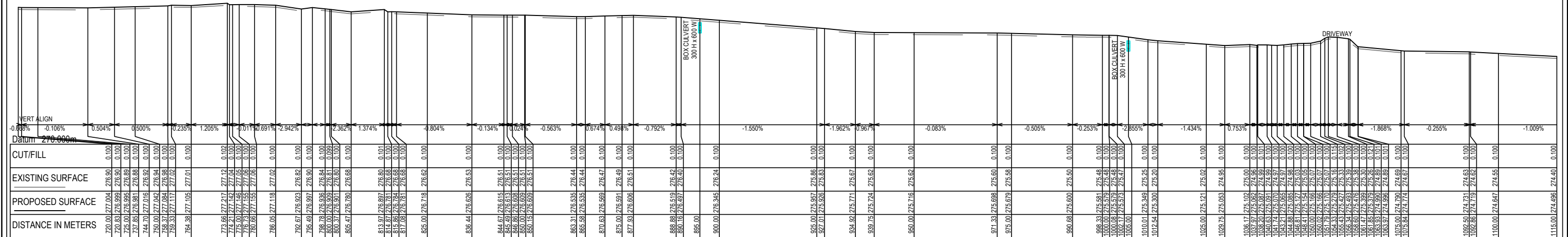


PRELIMINARY
(NOT FOR CONSTRUCTION)
09/06/2022

REDUCED SCALE



PROPOSED ALIGNMENT - ENLARGEMENT
SCALE 1:500 @ A1
SCALE 1:1,000 @ A3



PROPOSED LONG SECTION
SCALE 1:2,500V, 1:500H @ A1
SCALE 1:5,000V, 1:1,000H @ A3

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LEGEND

STORMWATER PIPE
JUNCTION PIT
SIDE ENTRY PIT
GRATED TOP ENTRY PIT
KERB AND CHANNEL
CENTRELINE OF BITUMEN
EDGE OF SEAL
INVERT OF TABLEDRAIN

MINOR CONTOUR INTERVAL IS 0.20m
MAJOR CONTOUR INTERVAL IS 1.0m
TREES
DEAD TREE
PERMANENT SURVEY MARK
GATE
OVERHEAD ELECTRICITY
UNDERGROUND ELECTRICITY
ELECTRICITY POLE

UNDERGROUND WATER MAIN
TELSTRA PIT
TELSTRA CABLE
SIGN POST
GAS MAIN
FENCELINE
LINEMARKING

ALIGNMENT > 6m FROM ROAD
ALIGNMENT < 6m FROM ROAD
GUARD RAIL
ELEVATED BOARDWALK
ELEVATED RAMP
BRIDGE STRUCTURE
PRIVATE DRIVEWAY
COMMERCIAL DRIVEWAY
WHITFIELD ALIGNMENT (BY OTHERS)

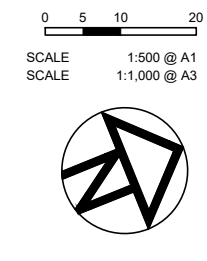
TREE REMOVAL
LAND ACQUISITION



DESIGNED BY G.Ryan
DRAFTED BY T.Ainsworth
VERIFIED BY

December 2021
December 2021

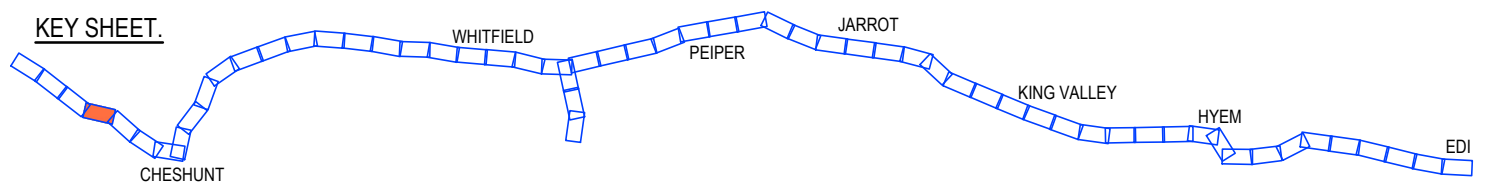
REV	AMENDMENTS	DATE	BY
F	AMENDED FROM DESIGN REVIEW	04/05/22	TA
E	AMENDED AS PER GMR ALIGNMENT REVIEW	13/04/22	TA
D	AMENDED AS PER GMR MARKUPS	04/03/22	TA
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Chrismont Winery to Edi - Section 1

Proposed Alignment - Enlargement
Drawing No. GMR21020.S1.04
Revision. F Sheet No. S1.04
GMR21020.03 - Proposed Alignment Sht 04 - 12.dwg

PM/STN	Easting	Northing	Elevation	Description
STN334	448793.501	5926124.094	273.479	NAIL IN DUMPY
STN335	448803.412	5926287.234	273.103	NAIL IN DUMPY

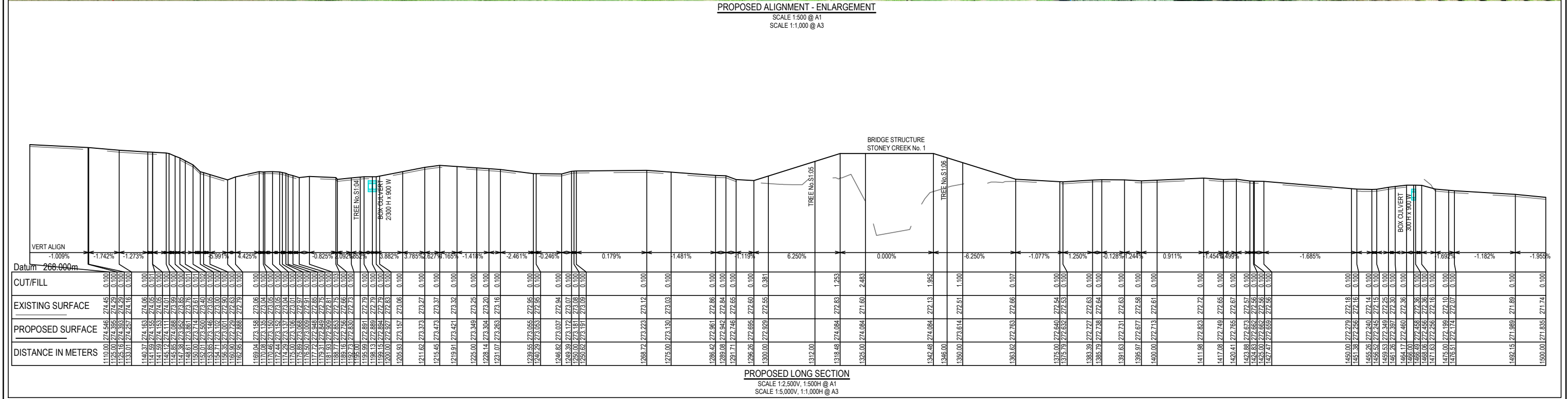


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(NOT FOR CONSTRUCTION)
09/06/2022

REDUCED SCALE



PROPOSED ALIGNMENT - ENLARGEMENT
SCALE 1:500 @ A1
SCALE 1:1,000 @ A3



PROPOSED LONG SECTION
SCALE 1:2,500V, 1:500H @ A1
SCALE 1:5,000V, 1:1,000H @ A3

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Website: gmrengr.com.au

LEGEND

STORMWATER PIPE	MINOR CONTOUR INTERVAL IS 0.20m	UNDERGROUND WATER MAIN	ALIGNMENT > 6m FROM ROAD	TREE REMOVAL
JUNCTION PIT	MAJOR CONTOUR INTERVAL IS 1.0m	TELSTRA PIT	ALIGNMENT < 6m FROM ROAD	LAND ACQUISITION
SIDE ENTRY PIT	TREES	TELSTRA CABLE	GUARD RAIL	
GRATED TOP ENTRY PIT	DEAD TREE	SIGN POST	ELEVATED BOARDWALK	
KERB AND CHANNEL	PERMANENT SURVEY MARK	GAS MAIN	ELEVATED RAMP	
CENTRELINE OF BITUMEN	GATE	FENCELINE	BRIDGE STRUCTURE	
EDGE OF SEAL	OVERHEAD ELECTRICITY	LINEMARKING	PRIVATE DRIVEWAY	
INVERT OF TABLEDRAIN	UNDERGROUND ELECTRICITY		COMMERCIAL DRIVEWAY	
	ELECTRICITY POLE		WHITFIELD ALIGNMENT (BY OTHERS)	

DESIGNED BY: G.Ryan
DRAFTED BY: T.Ainsworth
VERIFIED BY:

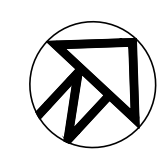
December 2021
December 2021

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SCALE 1:500 @ A1
SCALE 1:1,000 @ A3

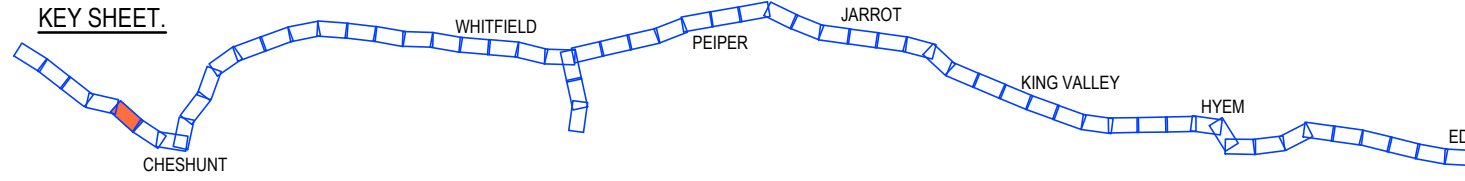
REV	AMENDMENTS	DATE	BY
F	AMENDED FROM DESIGN REVIEW	04/05/22	TA
E	AMENDED AS PER GMR ALIGNMENT REVIEW	13/04/22	TA
D	AMENDED AS PER GMR MARKUPS	04/03/22	TA
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A	INITIAL DRAFT	09/12/21	TA

GMR Engineering Services
Rural City of Wangaratta
Prosecco Trail
Chrismont Winery to Edi - Section 1

Proposed Alignment - Enlargement
Drawing No. GMR21020.S1.05
Revision. F Sheet No. S1.05
GMR21020.03 - Proposed Alignment Sht 04 - 12.dwg

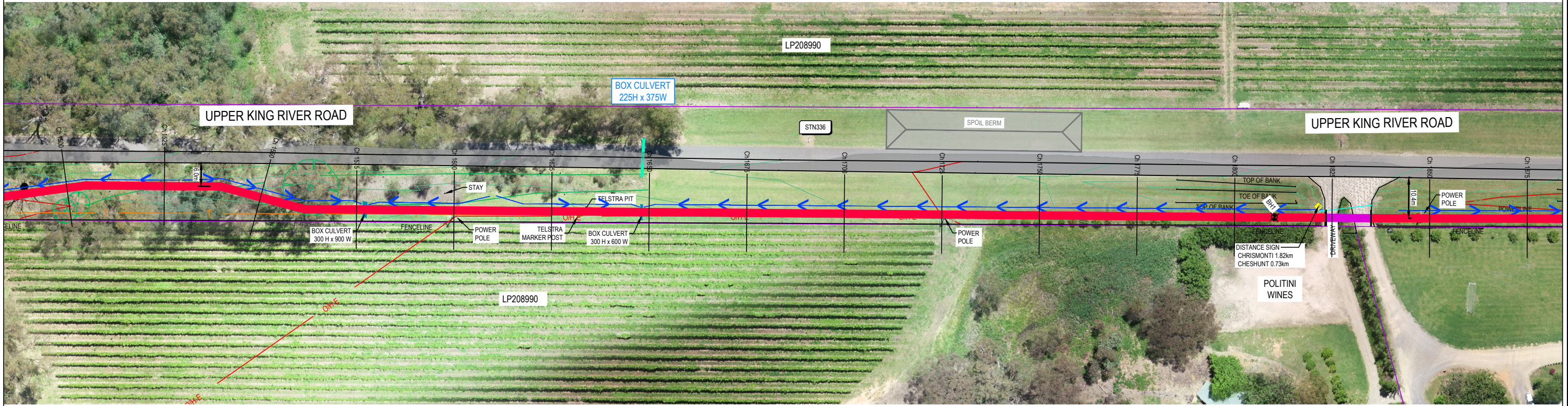


Coordinate Table with columns: PM/STN, Easting, Northing, Elevation, Description. Row 1: STN336, 448965.672, 5926508.826, 270.969, NAIL IN DUMPY



PRELIMINARY (NOT FOR CONSTRUCTION) 09/06/2022

REDUCED SCALE



PROPOSED ALIGNMENT - ENLARGEMENT SCALE 1:500 @ A1 SCALE 1:1,000 @ A3

PROPOSED LONG SECTION table with columns for vertical alignment (VERT ALIGN), datum (Datum 266.000m), cut/fill, existing surface, proposed surface, and distance in meters. Includes a detailed vertical curve diagram above the table.

PROPOSED LONG SECTION SCALE 1:2,500V, 1:500H @ A1 SCALE 1:5,000V, 1:1,000H @ A3

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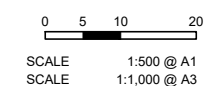
LEGEND

- Stormwater pipe, Junction pit, Side entry pit, Grated top entry pit, Kerb and channel, Centreline of bitumen, Edge of seal, Invert of table drain, Minor contour interval, Major contour interval, Trees, Dead tree, Permanent survey mark, Gate, Overhead electricity, Underground electricity, Electricity pole, Underground water main, Telstra pit, Telstra cable, Sign post, Gas main, Fenceline, Linemarking, Alignment > 6m from road, Alignment < 6m from road, Guard rail, Elevated boardwalk, Elevated ramp, Bridge structure, Private driveway, Commercial driveway, Whitfield alignment, Tree removal, Land acquisition.



DESIGNED BY: G.Ryan, DRAFTED BY: T.Ainsworth, VERIFIED BY: December 2021, December 2021

Revision table with columns: REV, AMENDMENTS, DATE, BY. Rows include F (Amended from design review), E (Amended as per GMR alignment review), D (Amended as per GMR markups), C (Amended as per GMR markups), B (Amended as per GMR markups), A (Initial draft).



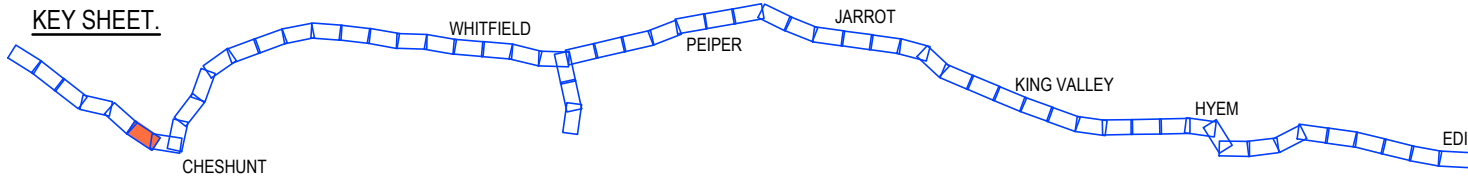
GMR Engineering Services

Rural City of Wangaratta Prosecco Trail Chrimont Winery to Edi - Section 1

Proposed Alignment - Enlargement Drawing No. GMR21020.S1.06

Revision: F Sheet No: S1.06 GMR21020.03 - Proposed Alignment Sht 04 - 12.dwg

PM/STN	Easting	Northing	Elevation	Description
ED14	449213.319	5926884.382	269.073	BRASS PLAQUE IN CONCRETE
ED17	449238.926	5926863.722	269.011	BRASS PLAQUE IN CONCRETE
STN337	449155.679	5926728.399	269.813	NAIL IN DUMPY
STN338	449229.910	5926880.369	269.112	NAIL IN DUMPY



PRELIMINARY
(NOT FOR CONSTRUCTION)
09/06/2022

REDUCED SCALE



PROPOSED ALIGNMENT - ENLARGEMENT
SCALE 1:500 @ A1
SCALE 1:1,000 @ A3

VERT ALIGN	GRADIENT (%)	DISTANCE IN METERS	EXISTING SURFACE (m)	PROPOSED SURFACE (m)	CUT/FILL (m)
0.811%	-0.587%	1875.00	270.26	270.26	0.00
		1875.59	270.359	270.26	0.099
		1882.33	270.30	270.20	0.100
		1890.00	270.200	270.10	0.100
		1914.00	270.118	270.02	0.098
		1926.00	270.014	269.91	0.103
		1930.83	269.959	269.86	0.099
		1950.00	269.913	269.81	0.103
		1959.86	269.890	269.79	0.101
		1969.70	269.871	269.77	0.100
		1975.00	269.798	269.70	0.098
		1976.31	269.774	269.67	0.107
		1979.90	269.754	269.65	0.100
		1991.80	269.662	269.56	0.106
		2000.00	269.558	269.45	0.113
		2008.74	269.448	269.35	0.093
		2025.00	269.420	269.32	0.100
		2025.94	269.419	269.32	0.097
		2034.00			
		2050.00	269.120	269.02	0.100
		2054.69	269.062	268.96	0.100
		2070.02	268.958	268.87	0.081
		2071.38	268.939	268.91	0.028
		2075.00	269.033	268.93	0.102
		2079.07	269.060	268.96	0.100
		2082.00	269.062	268.96	0.100
		2084.30	269.206	269.11	0.095
		2085.40	269.250	269.15	0.100
		2085.76	269.248	269.15	0.098
		2087.30	269.149	269.05	0.094
		2088.00	269.150	269.05	0.100
		2100.00	269.079	268.98	0.091
		2100.68	269.074	268.97	0.100
		2112.76	269.053	268.99	0.064
		2125.00	269.056	268.96	0.096
		2137.48	269.019	268.92	0.097
		2145.09	268.962	268.86	0.100
		2147.30	268.947	268.85	0.092
		2150.00	268.929	268.83	0.096
		2151.06	268.850	268.75	0.100
		2175.00	268.794	268.69	0.105
		2190.02	268.730	268.63	0.100
		2200.00	268.676	268.58	0.096
		2201.39	268.668	268.57	0.097
		2218.29	268.549	268.45	0.094
		2225.00	268.495	268.39	0.106
		2239.92	268.375	268.27	0.100
		2243.56	268.346	268.25	0.091
		2246.18	268.342	268.24	0.100
		2250.00	268.309	268.21	0.098
		2265.00	268.181	268.03	0.100

PROPOSED LONG SECTION
SCALE 1:2,500, 1:500H @ A1
SCALE 1:5,000, 1:1,000H @ A3

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LEGEND.

STORMWATER PIPE	MINOR CONTOUR INTERVAL IS 0.20m MAJOR CONTOUR INTERVAL IS 1.0m	UNDERGROUND WATER MAIN	ALIGNMENT > 6m FROM ROAD	TREE REMOVAL
JUNCTION PIT	TREES	TELSTRA CABLE	ALIGNMENT < 6m FROM ROAD	LAND ACQUISITION
SIDE ENTRY PIT	DEAD TREE	SIGN POST	GUARD RAIL	
GRATED TOP ENTRY PIT	PERMANENT SURVEY MARK	GAS MAIN	ELEVATED BOARDWALK	
KERB AND CHANNEL	GATE	FENCELINE	ELEVATED RAMP	
CENTRELINE OF BITUMEN	OVERHEAD ELECTRICITY	LINE MARKING	BRIDGE STRUCTURE	
EDGE OF SEAL	UNDERGROUND ELECTRICITY		PRIVATE DRIVEWAY	
INVERT OF TABLEDRAIN	ELECTRICITY POLE		COMMERCIAL DRIVEWAY	
			WHITFIELD ALIGNMENT (BY OTHERS)	

DESIGNED BY G.Ryan December 2021
DRAFTED BY T.Ainsworth December 2021
VERIFIED BY

REV	AMENDMENTS	DATE	BY
F	AMENDED FROM DESIGN REVIEW	04/05/22	TA
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A	INITIAL DRAFT	09/12/21	TA

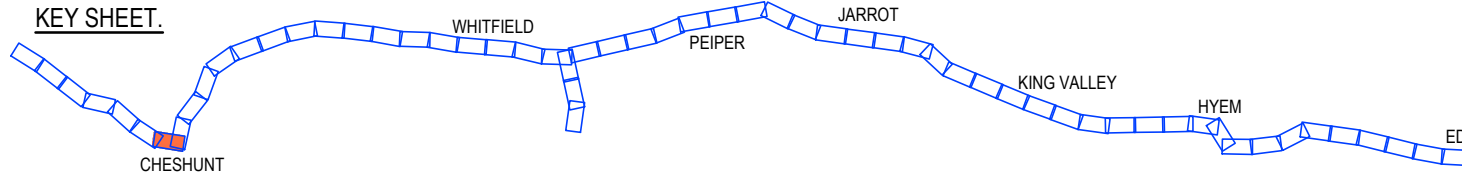
0 5 10 20
SCALE 1:500 @ A1
SCALE 1:1,000 @ A3

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Rural City of Wangaratta
Prosecco Trail
Chrismont Winery to Edi - Section 1

Proposed Alignment - Enlargement
Drawing No. GMR21020.S1.07
Revision. F Sheet No. S1.07
GMR21020.03 - Proposed Alignment Sht 04 - 12.dwg

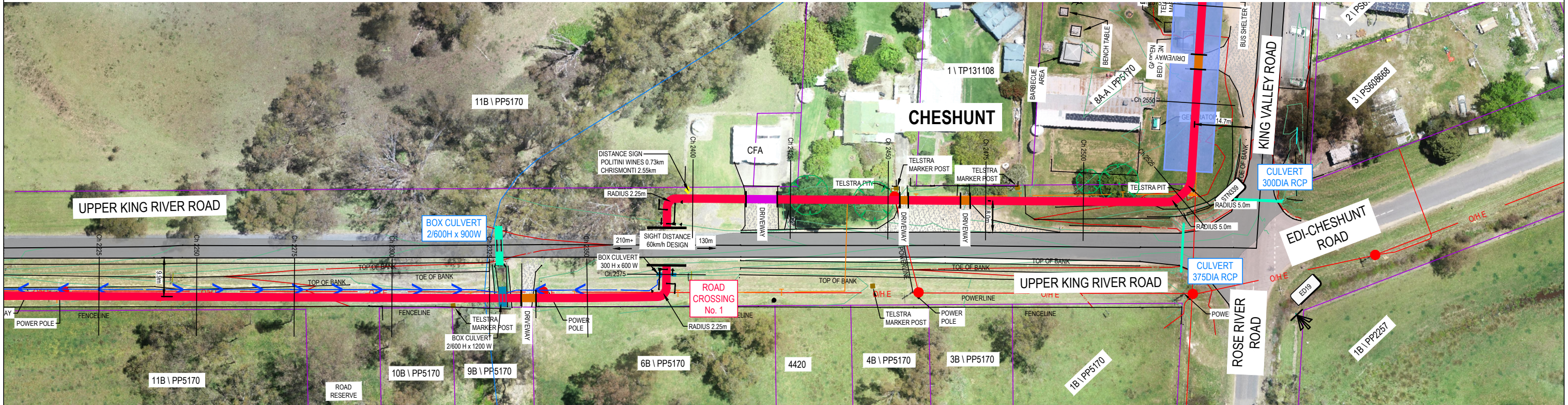


PM/STN	Easting	Northing	Elevation	Description
ED19	449275.682	5927253.904	266.858	BRASS PLAQUE IN CONCRETE
STN339	449248.435	5927236.590	266.896	NAIL IN DUMPY

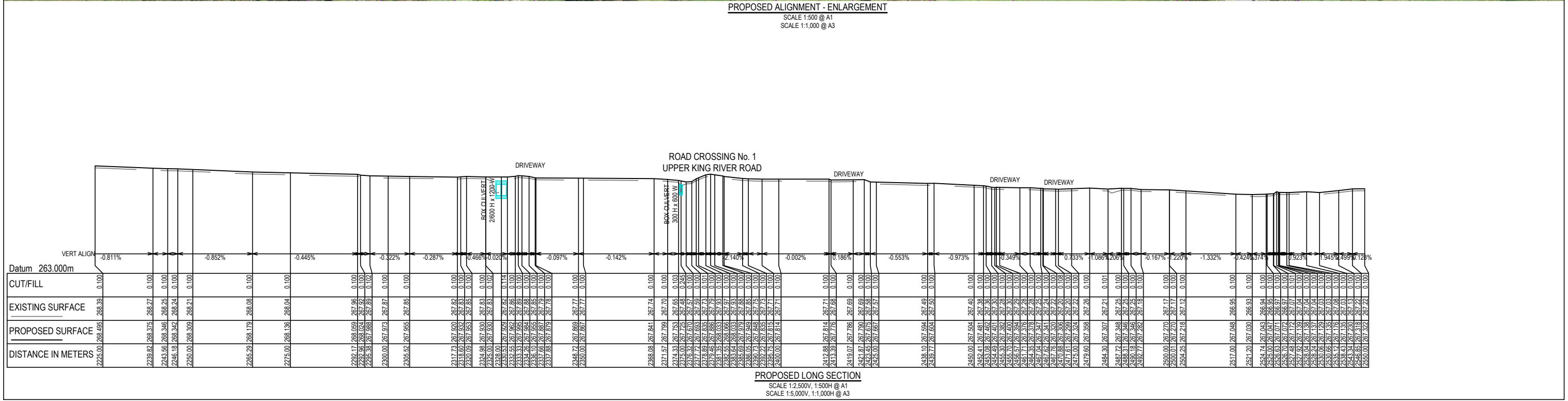


PRELIMINARY
(NOT FOR CONSTRUCTION)
09/06/2022

REDUCED SCALE



PROPOSED ALIGNMENT - ENLARGEMENT
SCALE 1:500 @ A1
SCALE 1:1,000 @ A3



PROPOSED LONG SECTION
SCALE 1:2,500V, 1:500H @ A1
SCALE 1:5,000V, 1:1,000H @ A3

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LEGEND

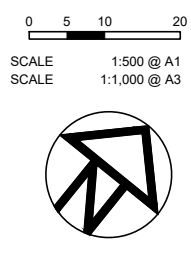
STORMWATER PIPE	MINOR CONTOUR INTERVAL IS 0.20m	UNDERGROUND WATER MAIN	ALIGNMENT > 6m FROM ROAD	TREE REMOVAL
JUNCTION PIT	MAJOR CONTOUR INTERVAL IS 1.0m	TELSTRA PIT	ALIGNMENT < 6m FROM ROAD	LAND ACQUISITION
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CENTRELINE OF BITUMEN	GATE	FENCILINE	BRIDGE STRUCTURE	
EDGE OF SEAL	OVERHEAD ELECTRICITY	LINEMARKING	PRIVATE DRIVEWAY	
INVERT OF TABLEDRAIN	UNDERGROUND ELECTRICITY		COMMERCIAL DRIVEWAY	
	ELECTRICITY POLE		WHITFIELD ALIGNMENT (BY OTHERS)	



DESIGNED BY: G.Ryan
 DRAFTED BY: T.Ainsworth
 VERIFIED BY:

December 2021
 December 2021

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GMR Engineering Services
Rural City of Wangaratta
Prosecco Trail
 Chrismont Winery to Edi - Section 1

Proposed Alignment - Enlargement
 Drawing No. GMR21020.S1.08
 Revision: F Sheet No. S1.08
 GMR21020.03 - Proposed Alignment Sht 04 - 12.dwg