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ILLABO TO STOCKINBINGAL (I2S)
COMMUNITY CONSULTATIVE COMMITTEE (CCC)

February 2021

PRESENTATION OVERVIEW

- **Project update**

  Melvyn Maylin (Project Director)

- **Stakeholder and engagement update**

  Heath Martin (Stakeholder Engagement Manager)

- **Design/Technical Update**

  Tom Whiteley (I2S Design Lead)

- **Hydrology update**

  Karen Brakell

  (Principal Water Resources Engineer)

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I2S PROJECT UPDATE
MELVYN MAYLIN

February 2021

I2S PROJECT UPDATE

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Recap on optimisation

Activity since November CCC meeting:

1. Interim Reference Design consultation
2. Updated alignment map provided to all impacted landowners
   - Including: private access, stock underpasses and culverts
3. Commenced the next series of field investigations
   - Including: Aboriginal heritage, aquatic ecology, geotechnical investigations, services investigations, ecology, visual impact and groundwater monitoring
4. Refined hydrology model - Stage 2 consultation
   - Including: 1% and 10% AEP existing and after design maps
5. Continuing design development

CURRENT STATUS

- Interim reference design now at reference design standard
- Consultation with key stakeholders, landowners and community on the Interim Reference Design

WHAT NEXT

ACTIVITY	DATE
Stakeholder consultation on Interim Reference Design	Feb 2021 – Mar 2021
Stakeholder consultation on Final Reference Design	May 2021 – Jul 2021
Land acquisition processes	Second half 2021
Environmental Impact Statement (EIS) lodgement	Second half 2021
EIS approval	Second half 2022
Award Design and Construct (D&C) Contract	2023

INTERIM REFERENCE DESIGN ENGAGEMENT

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PURPOSE

- To gain feedback on the proposed interim reference design including feedback on:
  - Private access, stock underpasses, culverts, bridges and level crossings

WHO IS BEING CONSULTED?

- Landowners (Land Acquisition Forum after CCC)
- Councils (Junee, Cootamundra-Gundagai and Temora) and Councillors
- Community
- Local Emergency Management Committee (LEMC)
- Key stakeholders including:
  - Local Aboriginal Land Councils (LALCs)
  - Crown Lands
  - Transport for NSW

HYDROLOGY ENGAGEMENT – STAGE 2

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PURPOSE

- To show the update hydrology model and overlay model over the interim reference design to demonstrate impacts

WHO IS BEING CONSULTED?

- Affected landowners
- Councils (Junee and Cootamundra-Gundagai Councils and Goldenfields Water)
- Local Emergency Management Committee (LEMC)

ENVIRONMENTAL IMPACT STATEMENT (EIS) UPDATE

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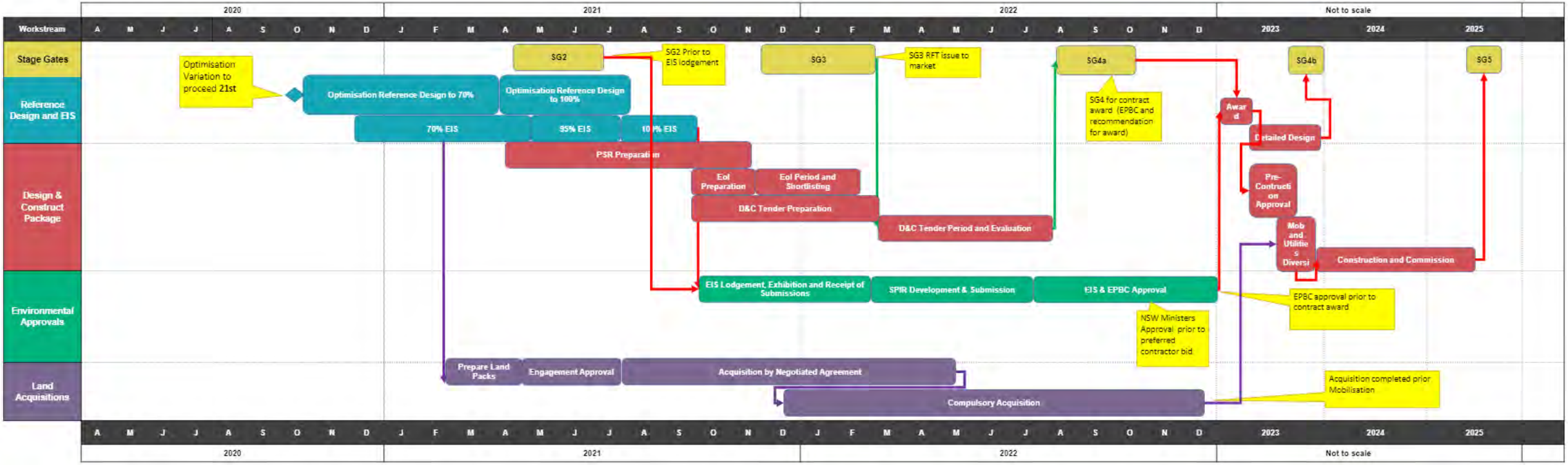
- Draft EIS lodgement to Department of Planning, Infrastructure and Environment (DPIE) for review is expected late 2021
- Public exhibition is planned for early 2022 – minimum 28 days public exhibition period where the public will be invited to view the plans and make formal submissions online to DPIE.

I2S HIGH LEVEL SCHEDULE

I2S High Level Schedule



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I2S STAKEHOLDER ENGAGEMENT UPDATE
HEATH MARTIN

February 2021

STAKEHOLDER ENGAGEMENT UPDATE

Consulting on interim reference design

- In February, all impacted landowners have been provided updated individual maps. They were also offered meetings to discuss the refined design
- Interim Reference Design Drawings are currently with Councils and TfNSW for review and comment
- In early March we will be holding 2 online information sessions and face-to-face sessions in Illabo, Bethungra, Stockinbingal and Cootamundra
- Advertisement for information sessions is currently out in paper and radio.
- Main feedback has been severance, access, acquisition and compensation. Other concerns raised were related to visual and noise impact.

Existing rail infrastructure in Stockinbingal

STAKEHOLDER ENGAGEMENT UPDATE

Consulting on Stage 2 Hydrology

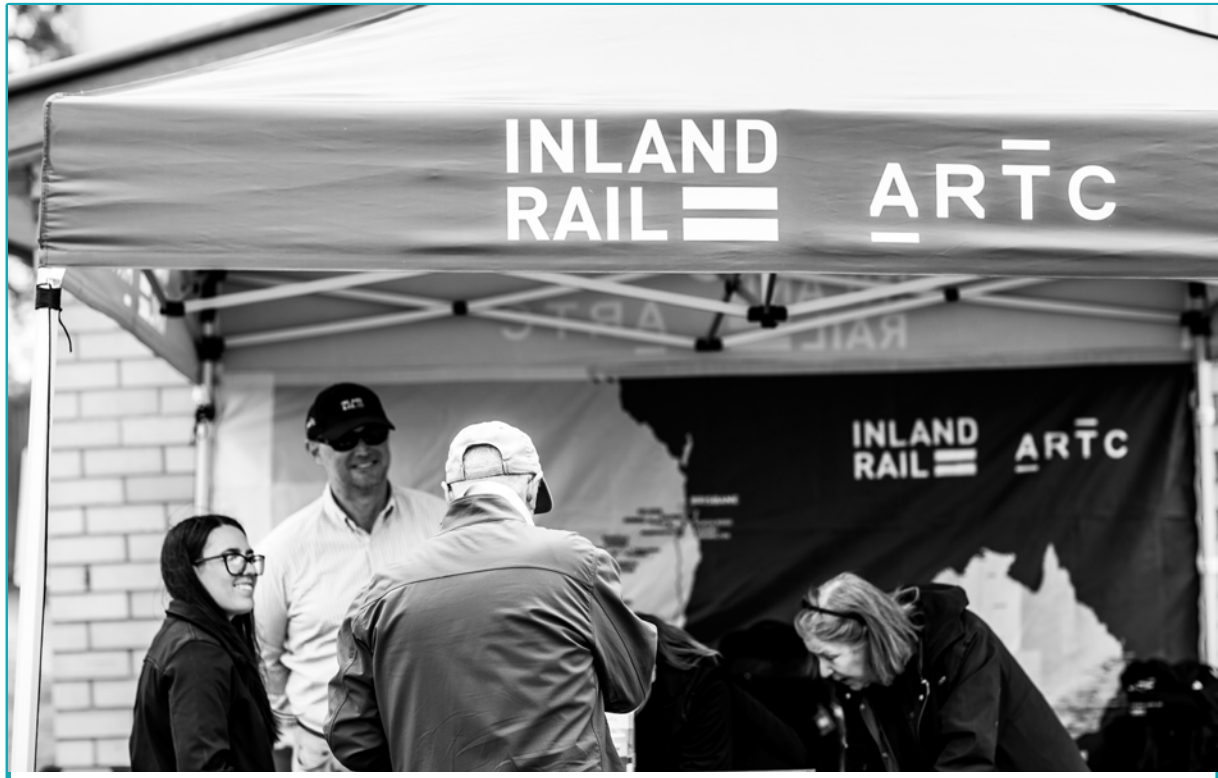
- In February, landowners were offered face-to-face meetings to discuss stage 2 of the hydrology model
- Landowners were provided individual hydrology maps with the updated hydrology model and hydrology over design to discuss impacts
- Discussed changes to hydrology due to the alignment and what the impacts look like
- Main feedback was concerns about all-year access, water in stock underpasses, velocity of water through culverts causing erosion

Existing rail infrastructure in Illabo

ENGAGEMENT AND CONSULTATION NEXT STEPS

Indicative timing:

- 25 Feb 2021: Land Acquisition Forum with landowners
- Mar 2021: Community information sessions
  - Online - 1 March, 2 – 4 pm & 2 March 5 – 7pm
  - Illabo – 3 March, 10am – noon, Illabo Tennis Clubhouse
  - Bethungra – 3 March, 2 – 4pm, The Olde School T-House
  - Stockinbingal – 4 March, 5 – 7pm, Ellwood Hall
  - Cootamundra – 5 March, 5 – 7pm & 6 March, 10am – noon, Cootamundra Library
- May – Jun 2021: will consult on the 100% interim reference design and 95% EIS
- Late 2021: exhibition of EIS. Consult on EIS exhibition and how to make submissions.
- Ongoing scheduled Community Consultative Committee (CCC) meetings



Inland Rail at the Junee Show, 2019

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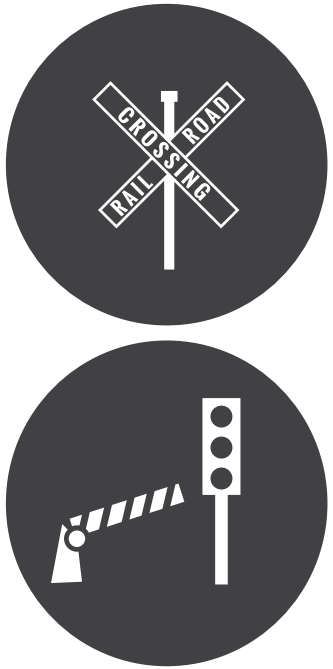
I2S DESIGN/TECHNICAL UPDATE
TOM WHITELEY

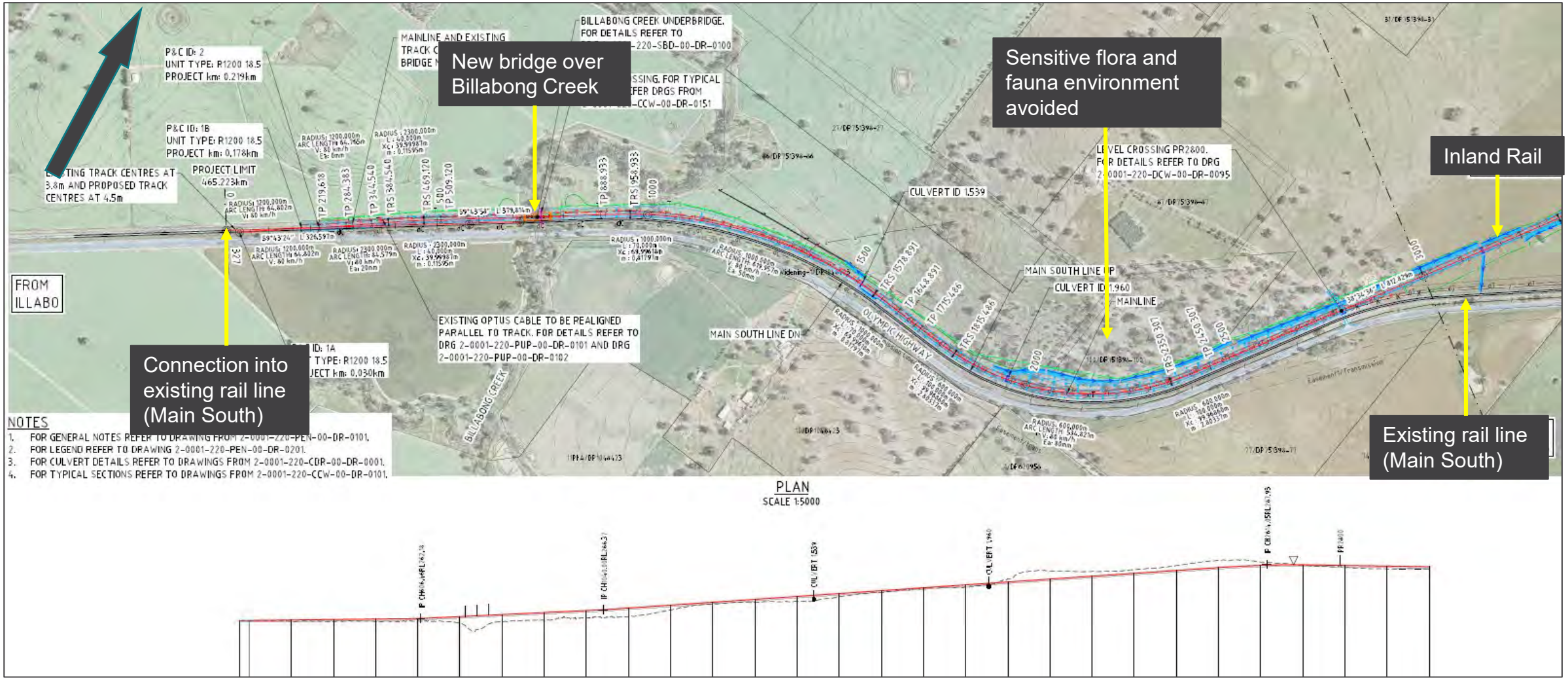
February 2021

I2S PROJECT DETAILS



- Approx. 37km of greenfield
- Connects to 'Main South' Line (north of Illabo)
- Connects to 'Stockinbingal to Parkes' Line (at Stockinbingal)
- 2 x active level crossings (1 Crown, 1 LGA)
- 13 x passive crossings (2 Crown, 2 LGA, 9 private)
- 1 x road over rail grade separation (Burley Griffin Way)
- 2 x rail over road grade separations (Dirnaseer Road and Old Cootamundra Road)
- 8 x rail under bridge creek crossings
- 11 x stock underpasses
- 93 culverts

70% Design Overview: Sheet 1



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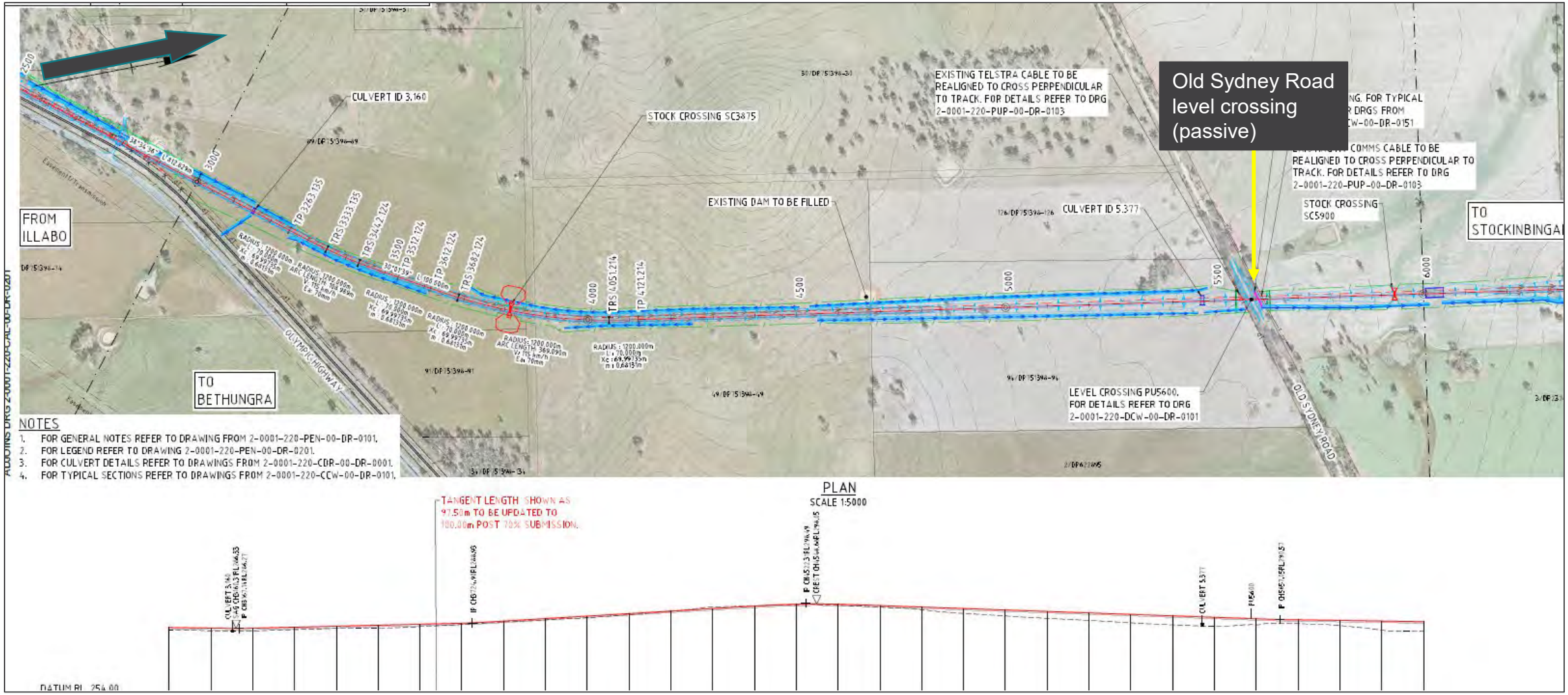

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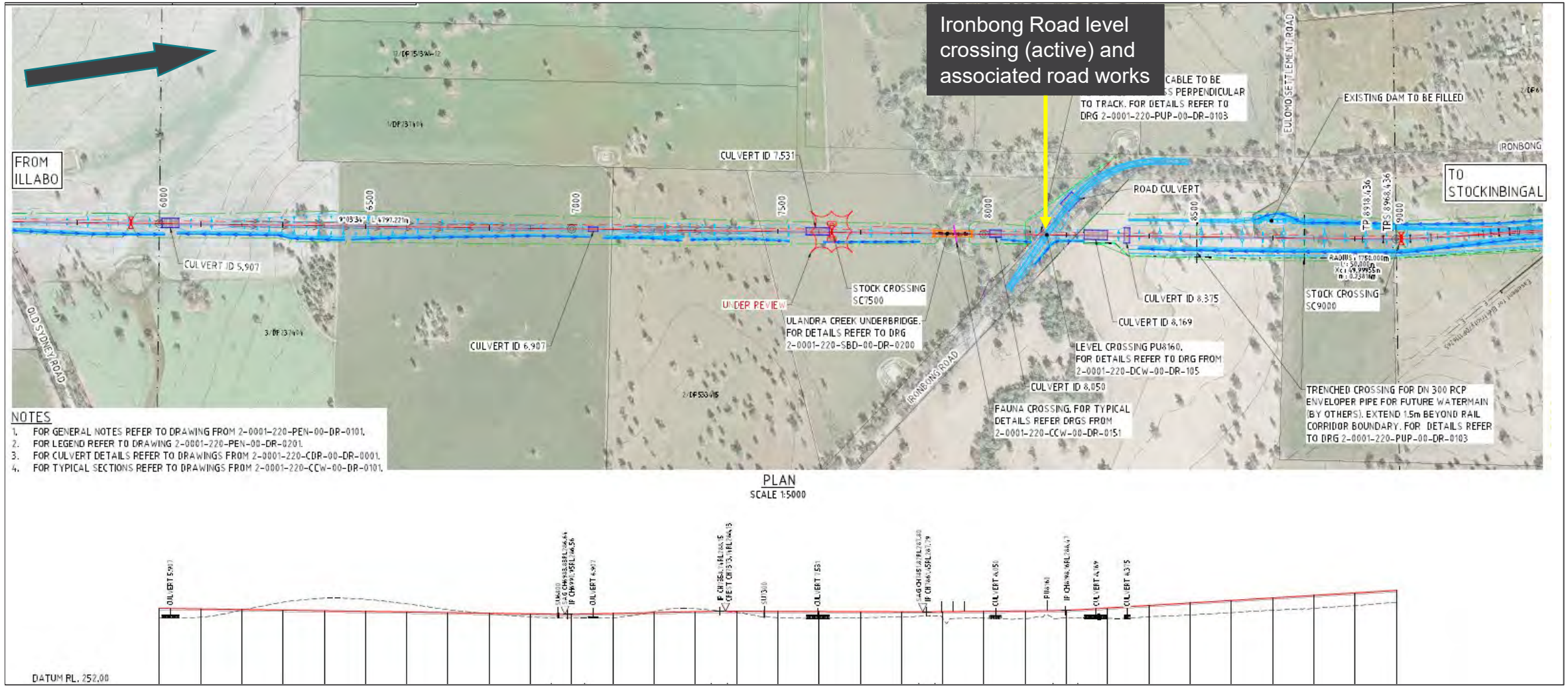

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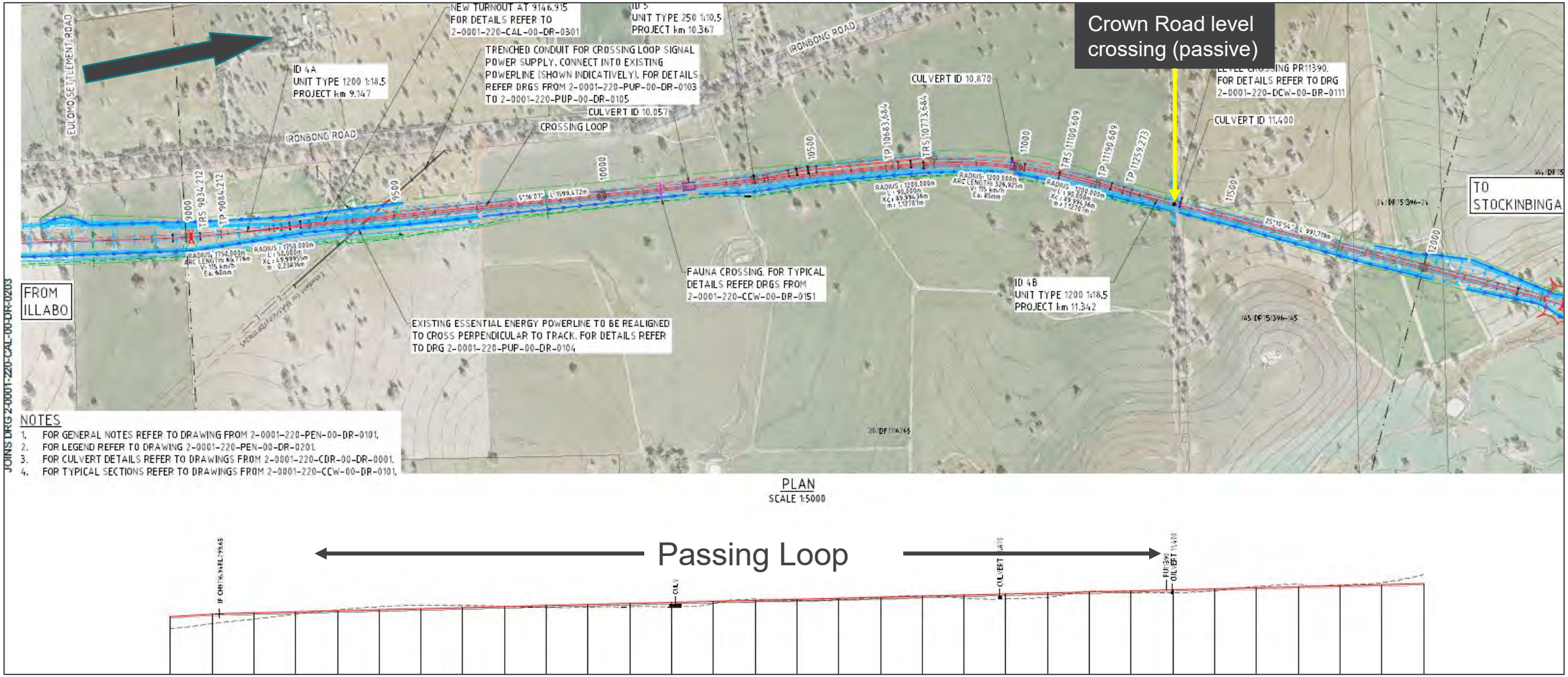

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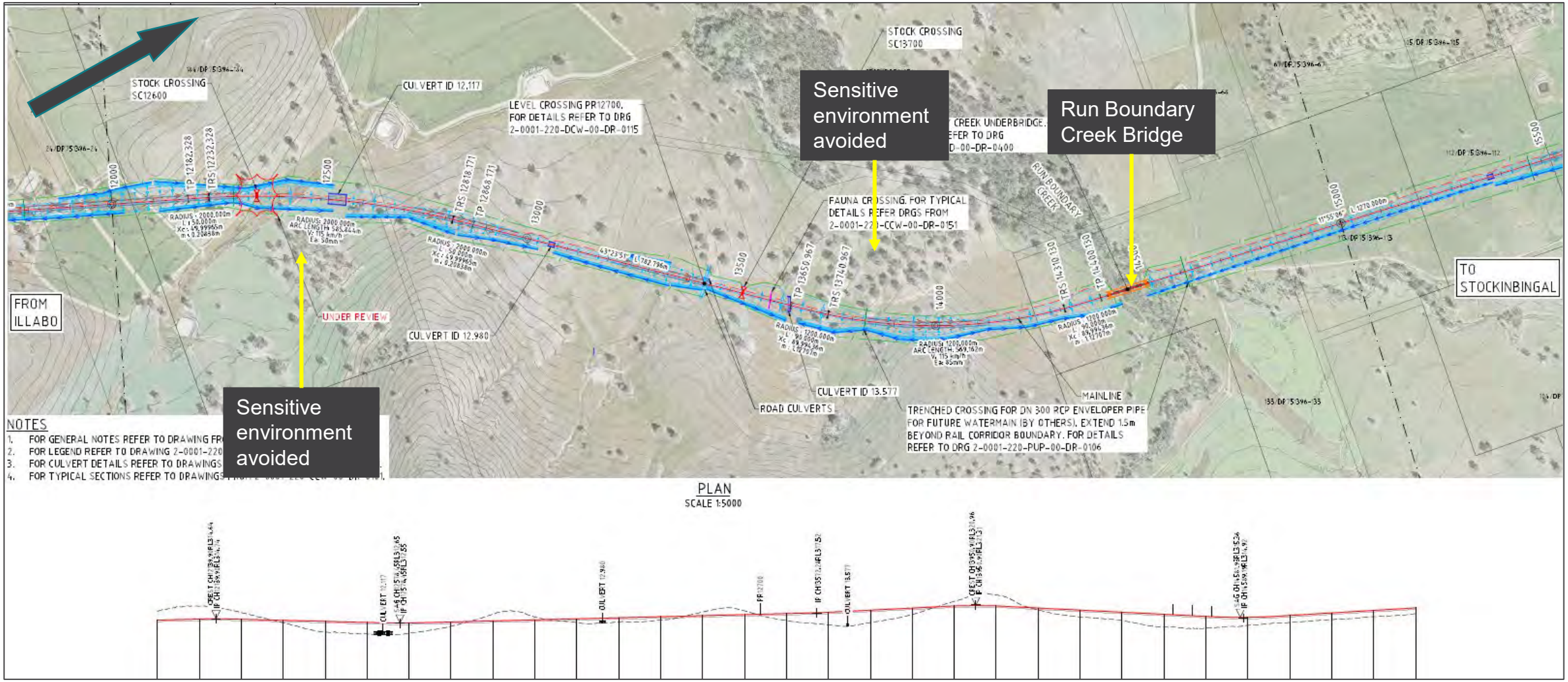

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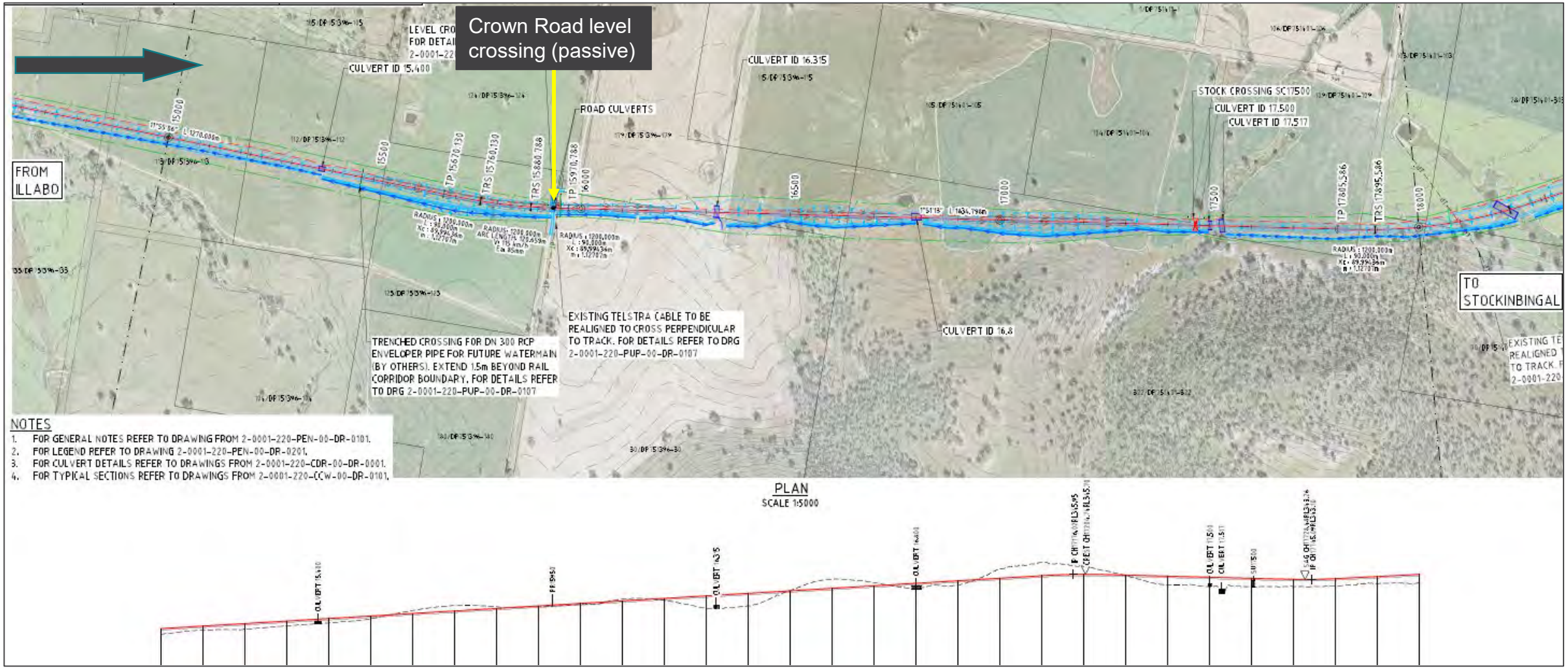

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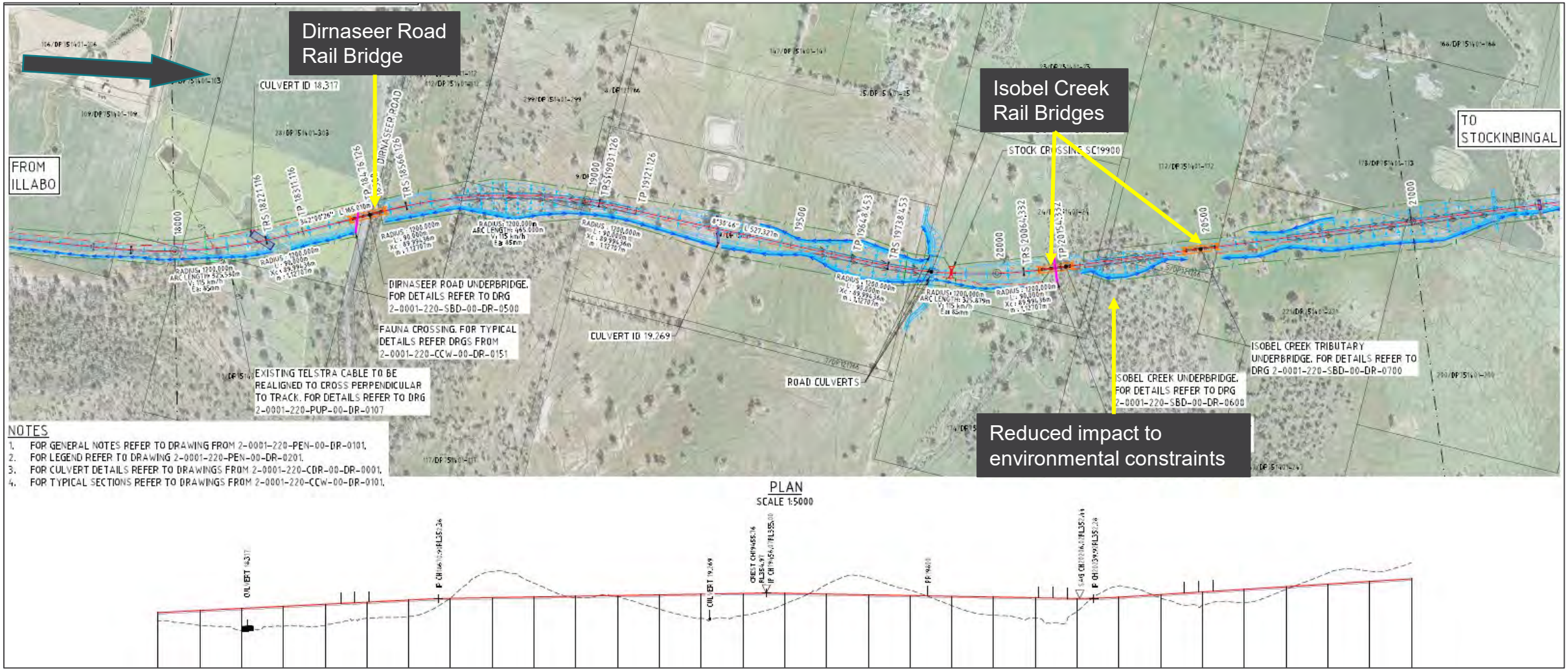

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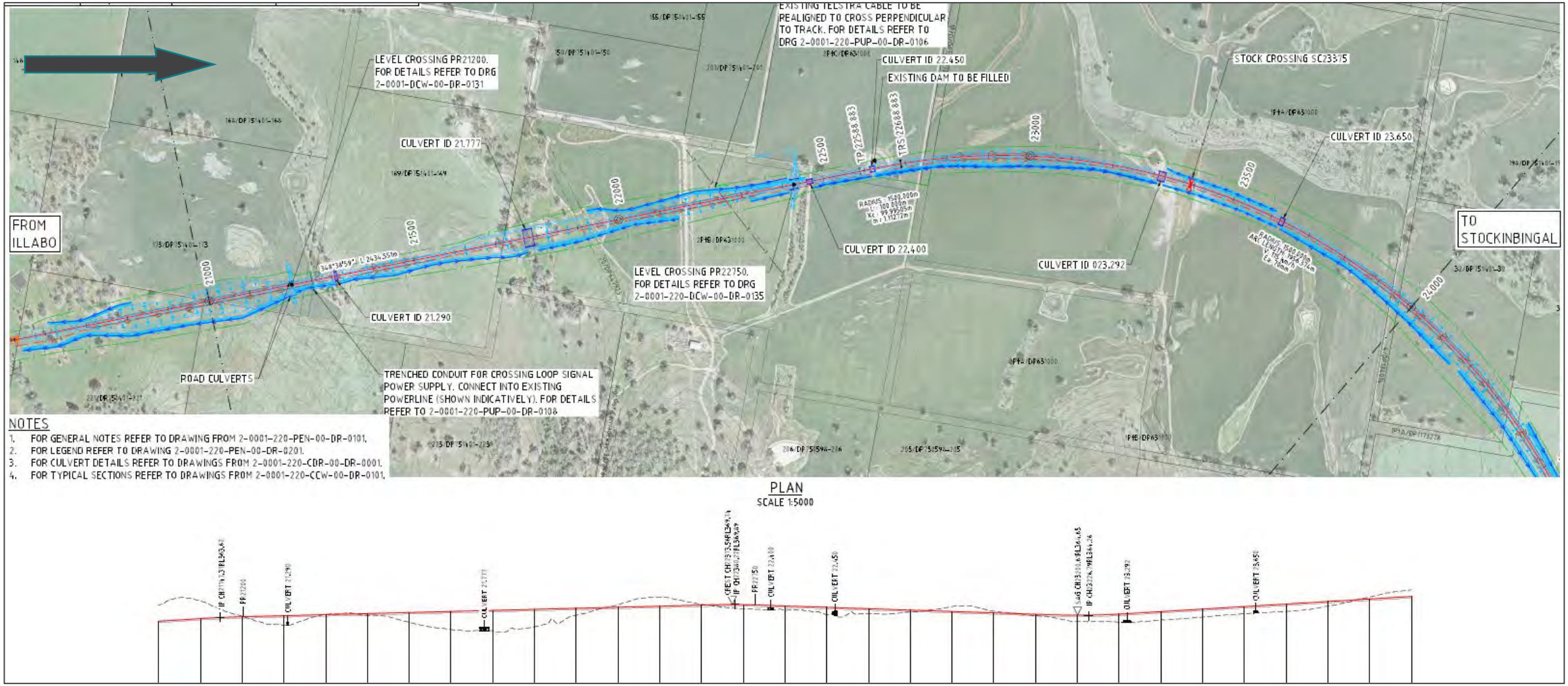

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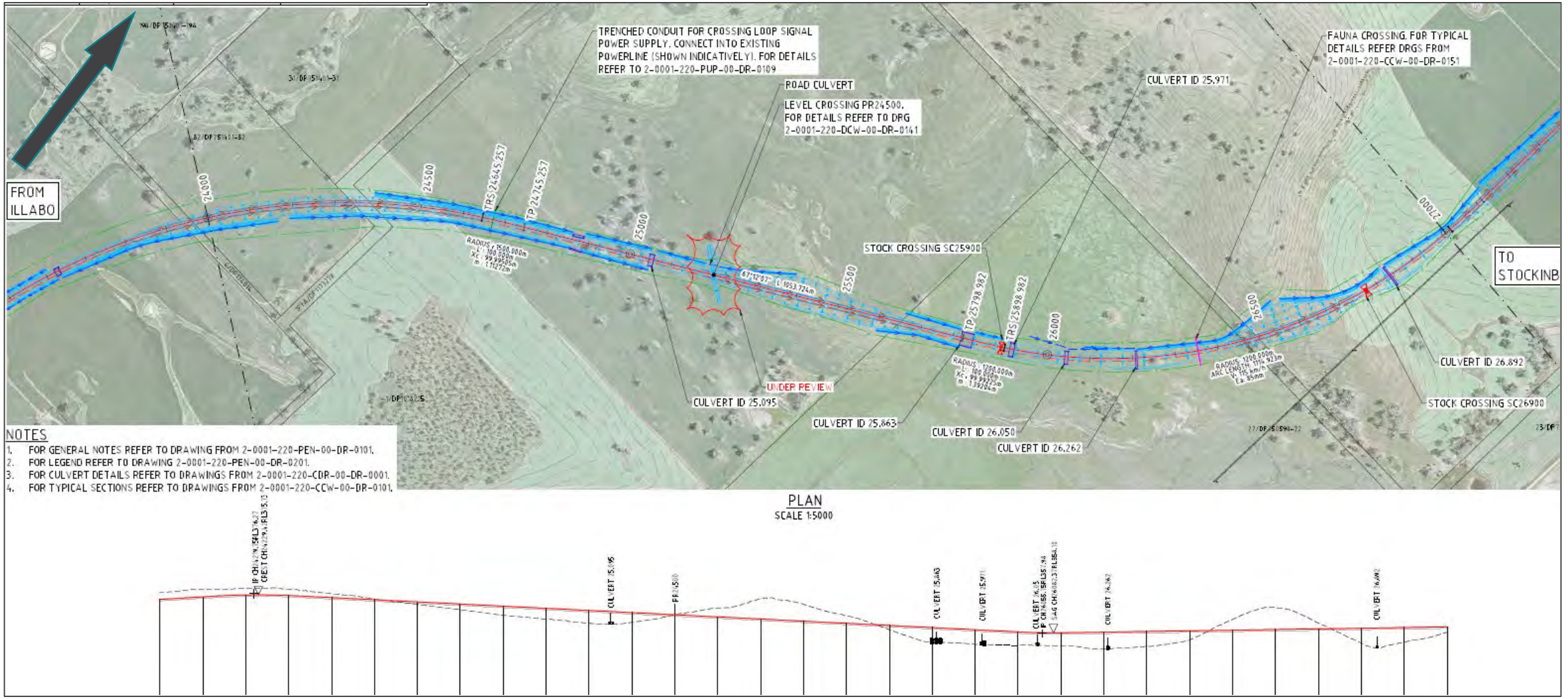

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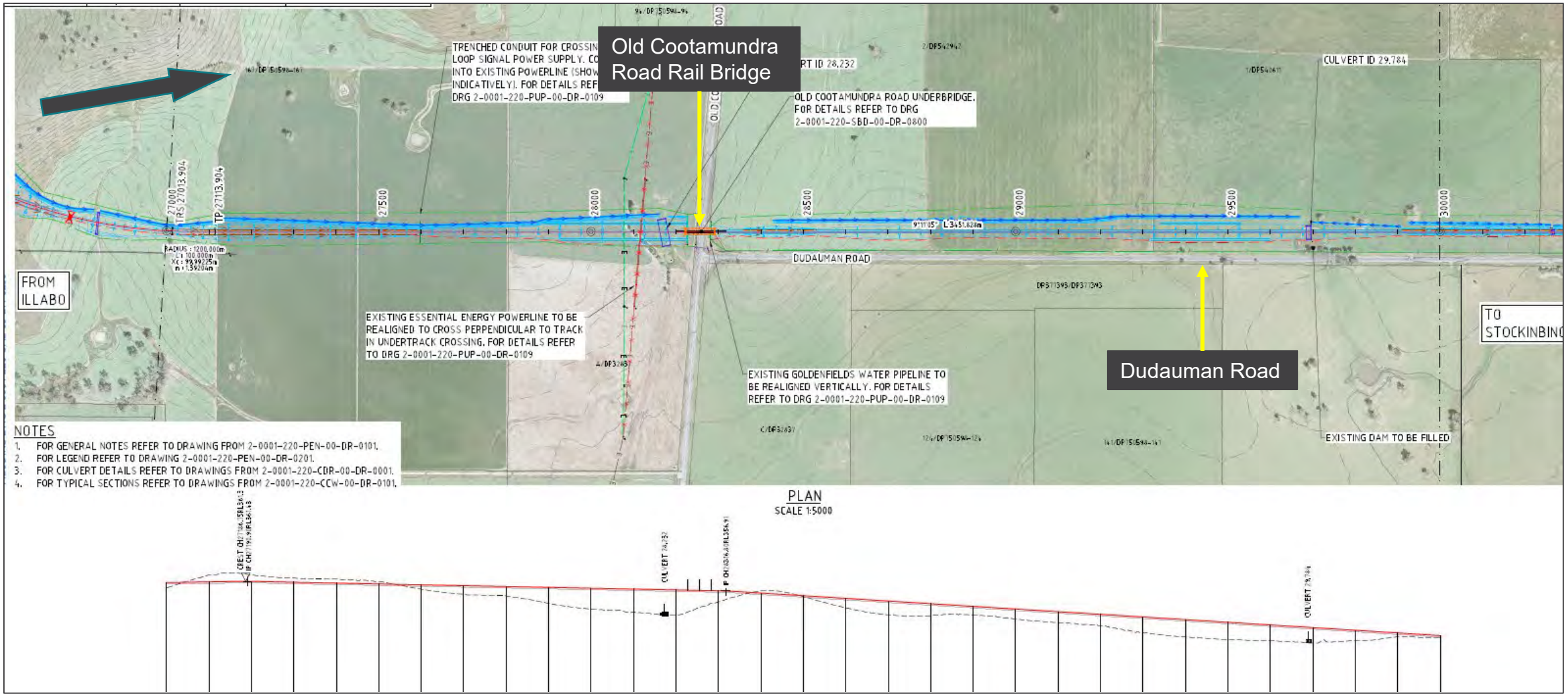
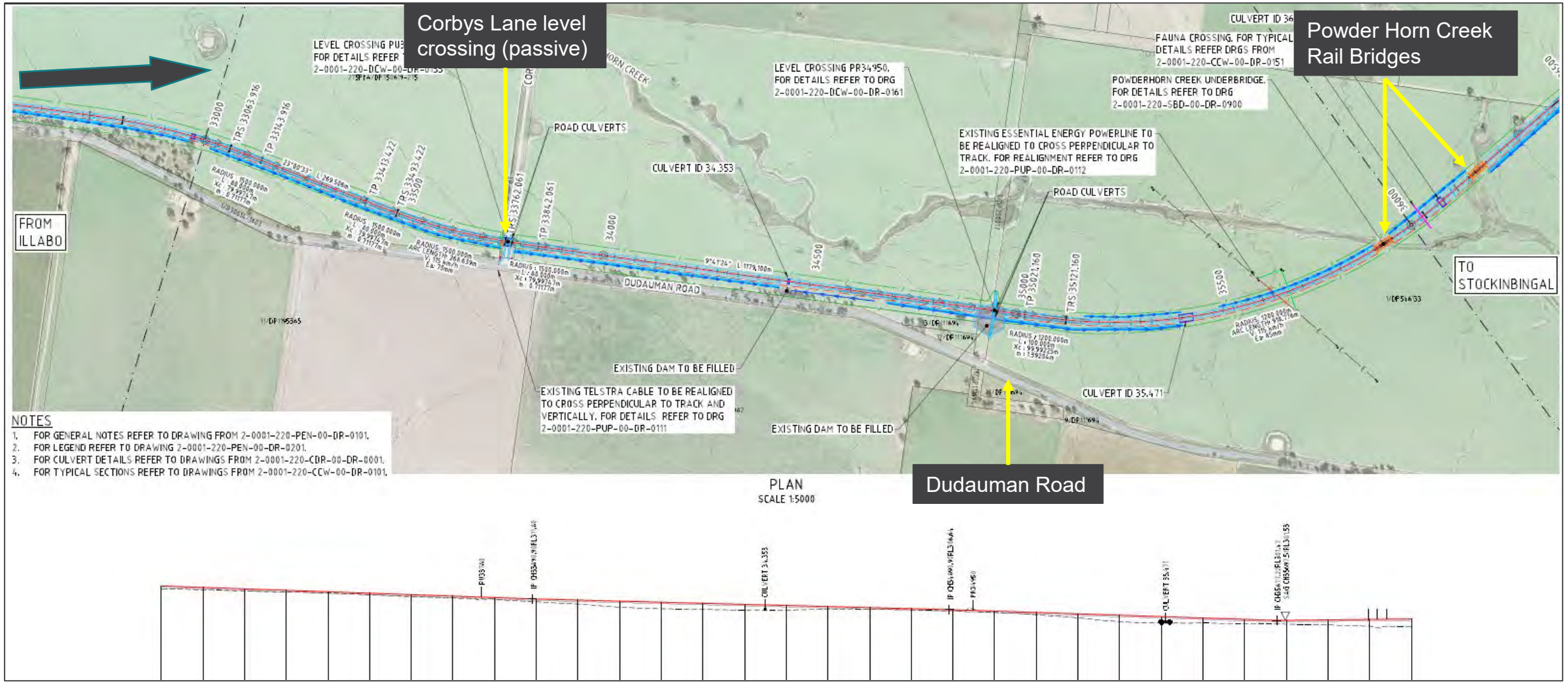


70% Design Overview: Sheet 11

70% Design Overview: Sheet 12



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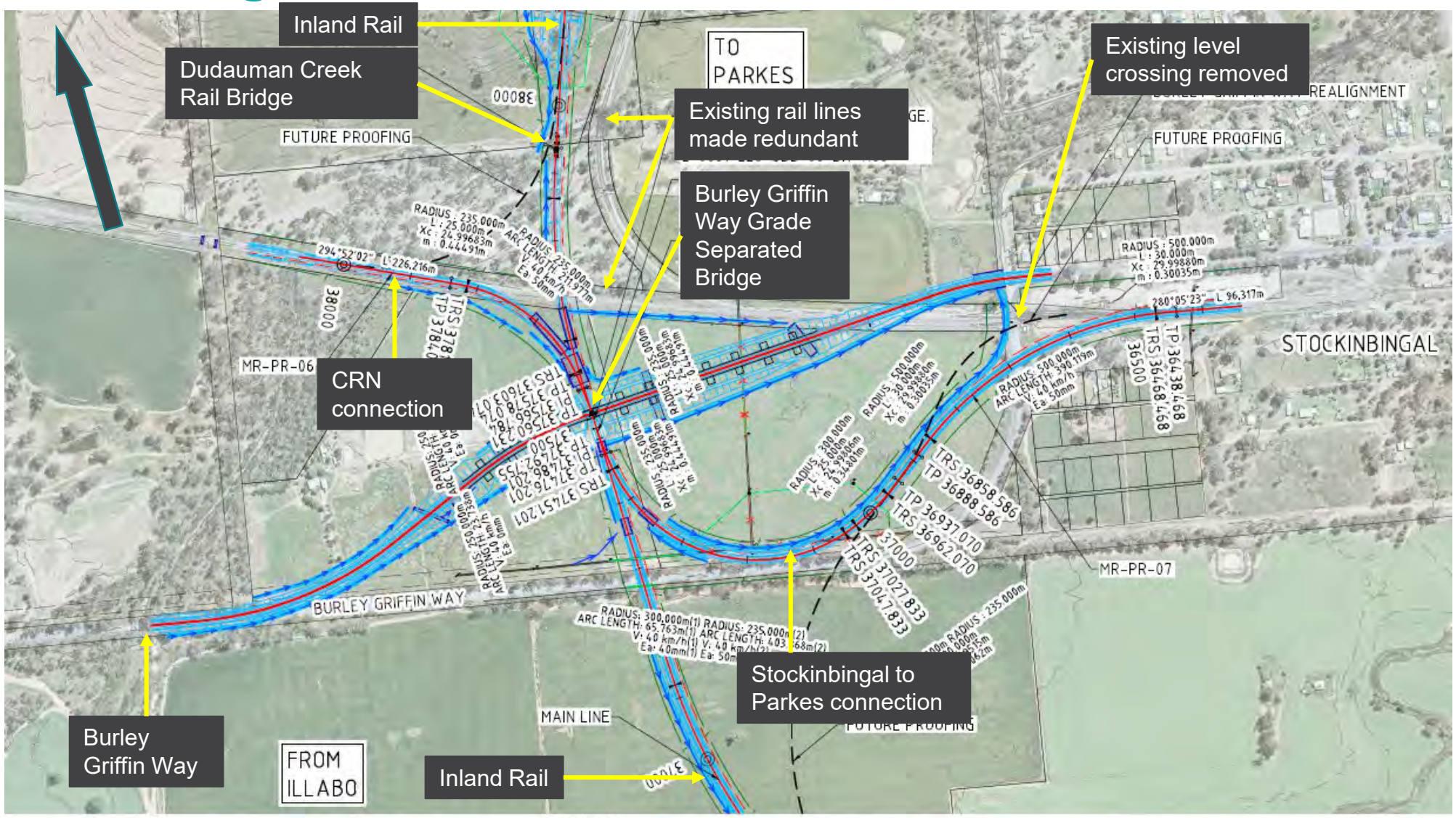

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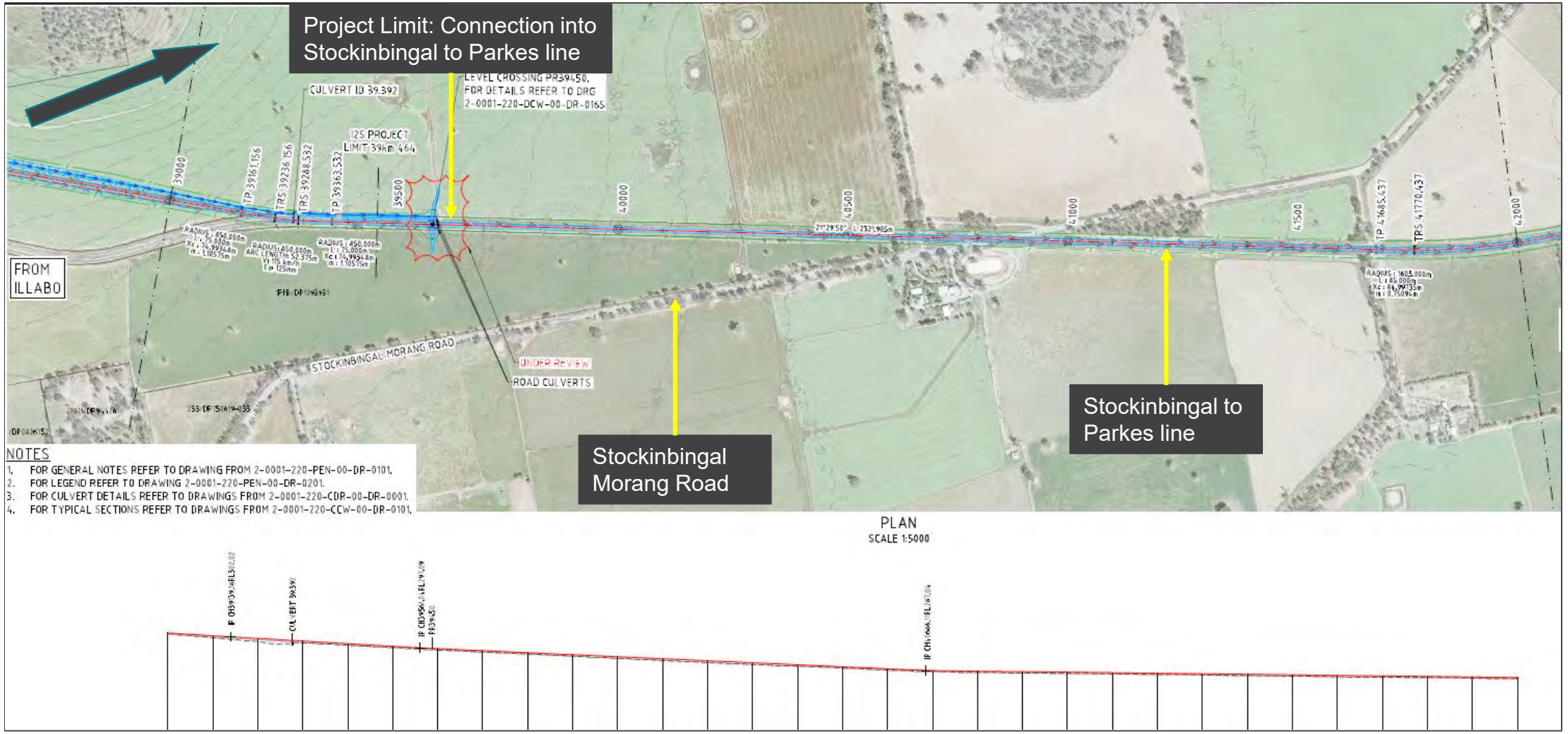

Burley Griffin Way – Visualisation

OTHER VISUALISATIONS

Dirnaseer Road

Dudauman Road & Old Cootamundra Road Intersection

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Ironbong Road – level crossing and road realignment

Old Sydney Road

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I2S HYDROLOGY STAGE 2 UPDATE

KAREN BRAKELL

February 2021

HYDROLOGY AND FLOODING

Presentation outline

- Flood data collected and surveyed to ground truth the models
- Flood design criteria
- Flood features of the design
- Estimated impacts to flooding and surface water

FLOODING – HISTORIC DATA

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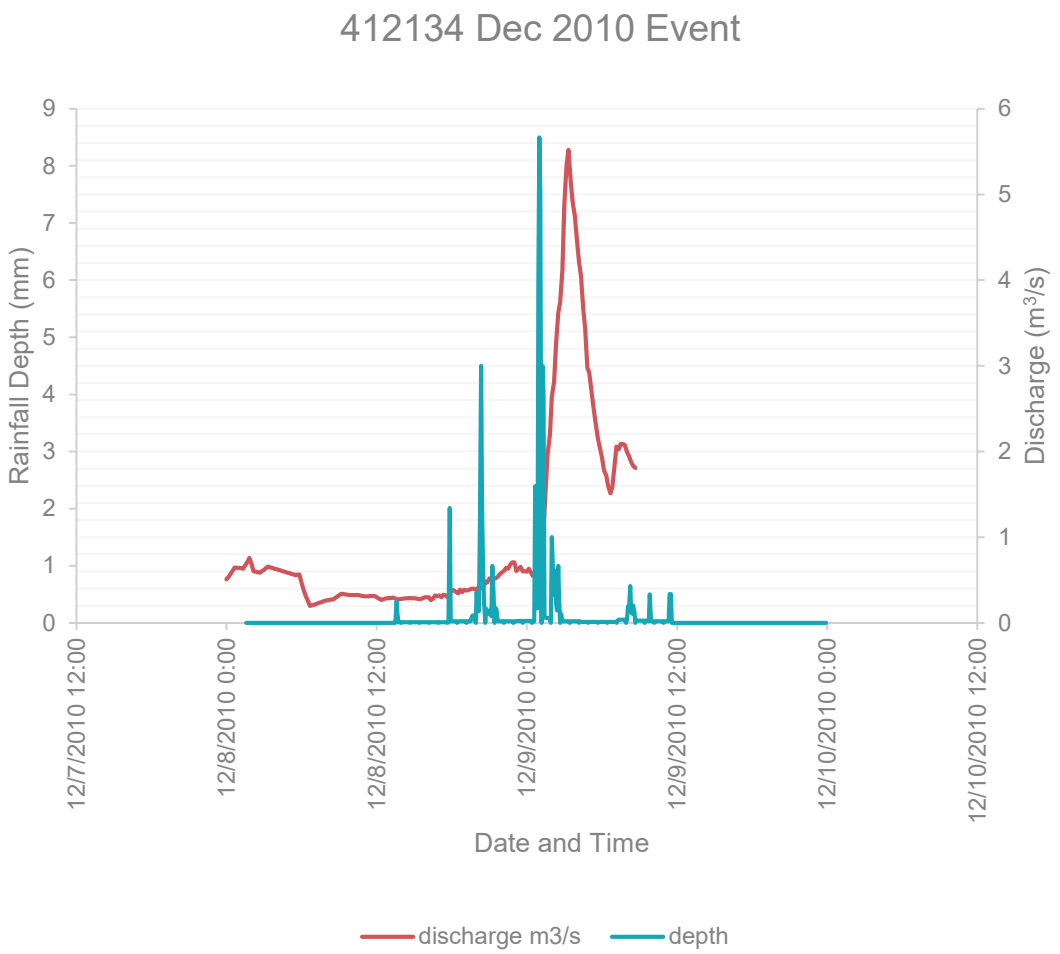


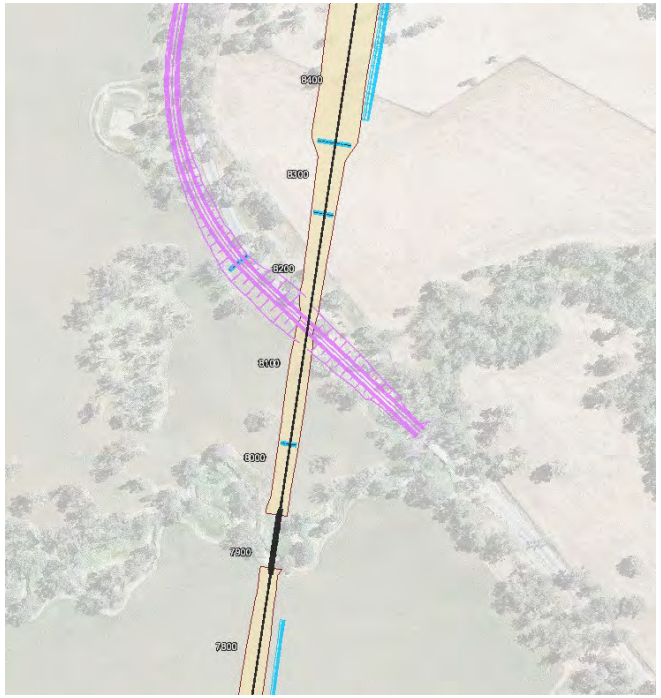
DESIGN FLOOD CRITERIA

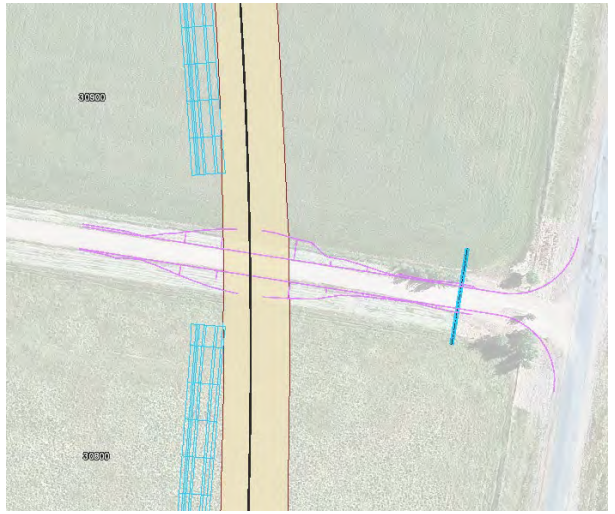
Flood Aspect	Description - criteria	Criteria examples
Height	Based on a comparison of existing conditions against the results with the project included. Criteria is different for different receptors and existing flood affectation.	Residential house currently flooded above floor – no more than 10mm Cropping/grazing paddock – no more than 200mm
Speed (velocity)	The speed of the water can effect the erosion of land and damage to infrastructure. A speed of 1m/s has shown to erode uncompacted soil.	Design to maintain velocities below 1m/s.
Direction	This refers to the changing a flow path or surface flow away from its existing path.	Case by case basis

FLOOD DESIGN FEATURES

- Culverts
- Bridges
- Open channels
- Scour protections

FLOODING – DESIGN





FLOODING – DESIGN

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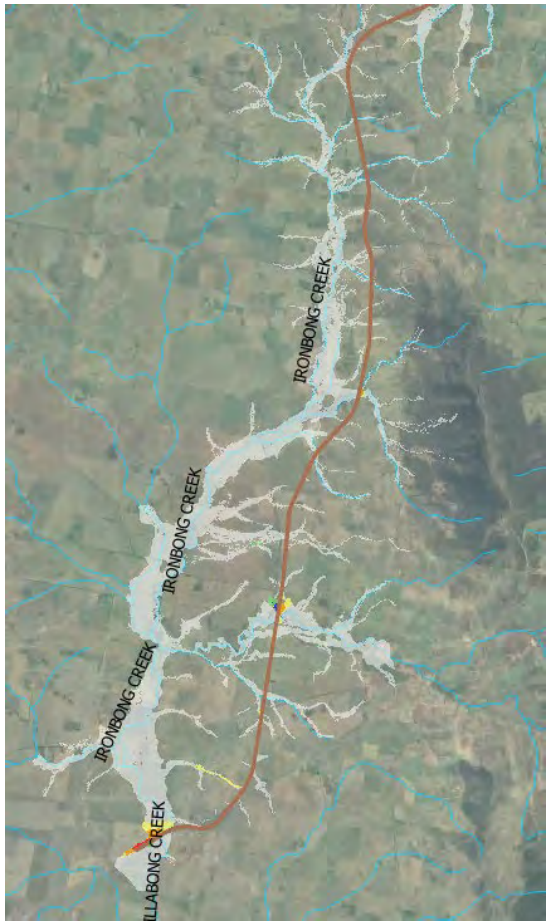

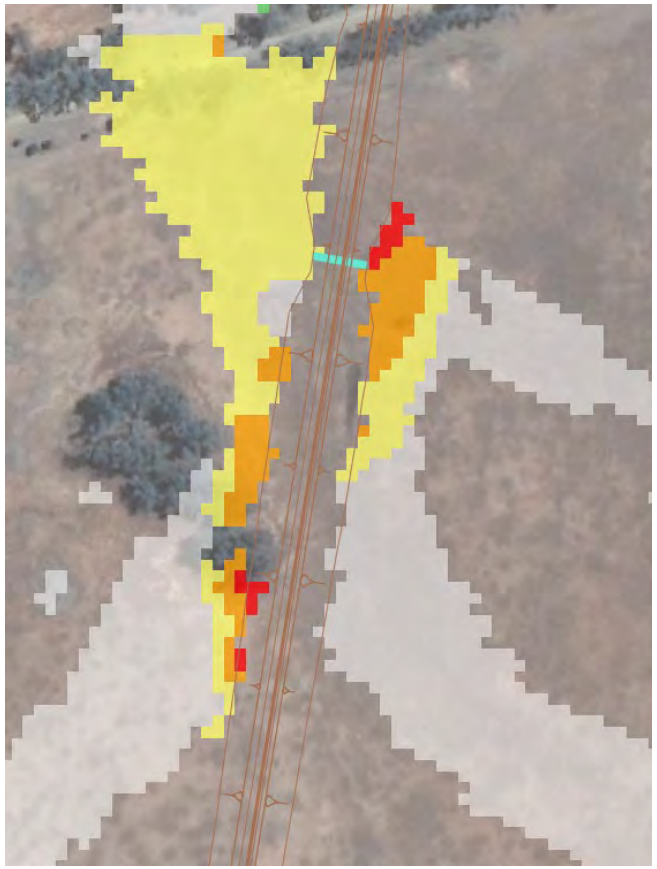

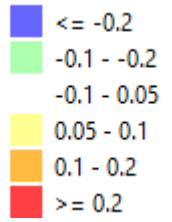

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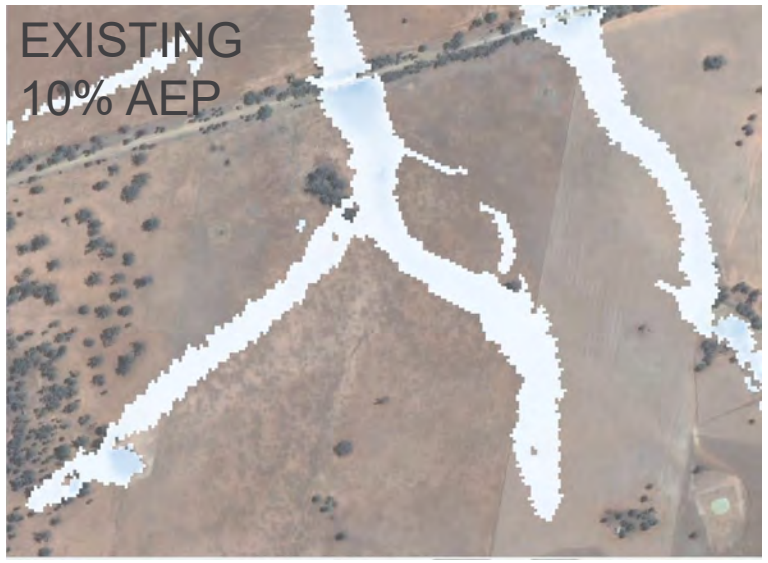

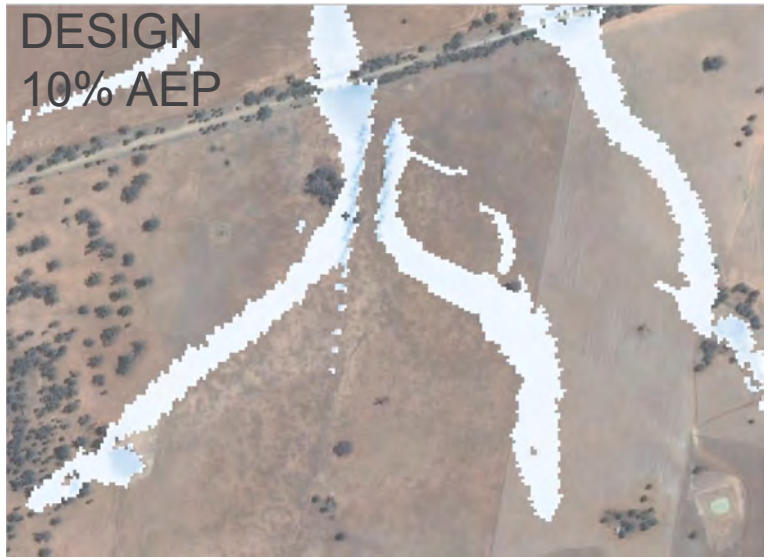

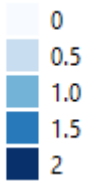

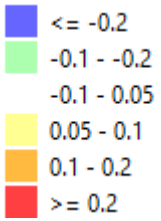

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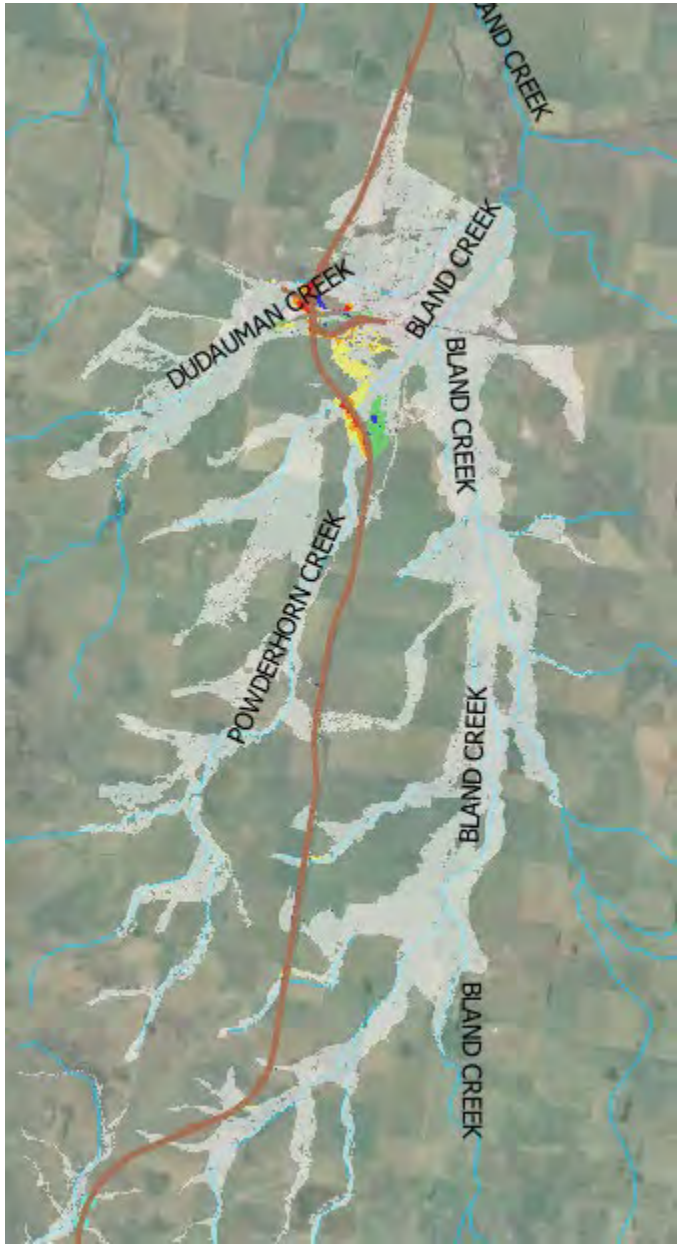

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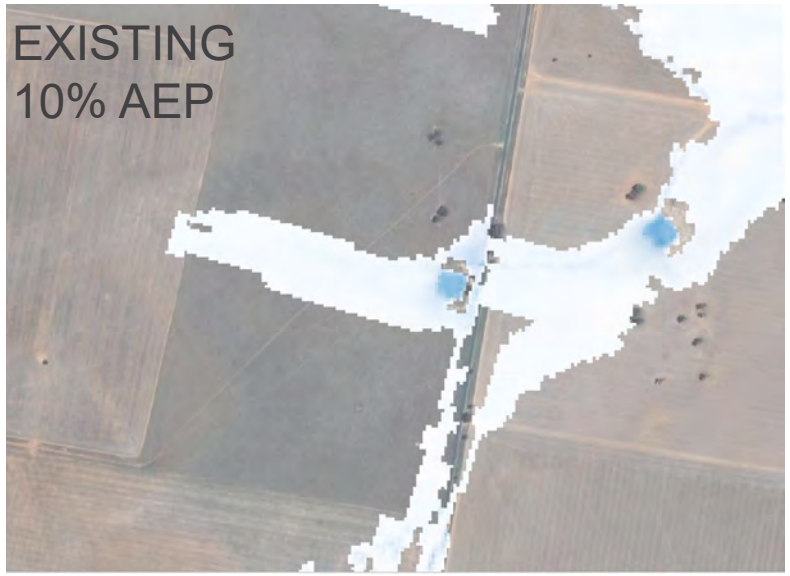
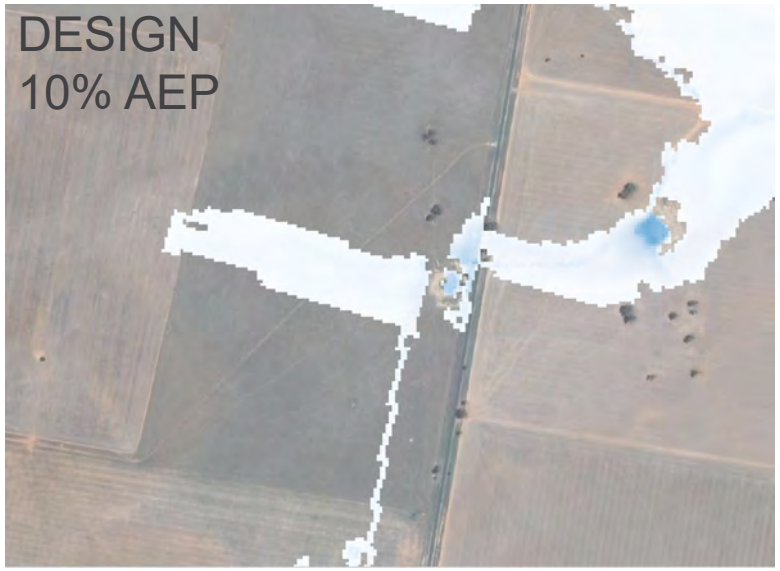
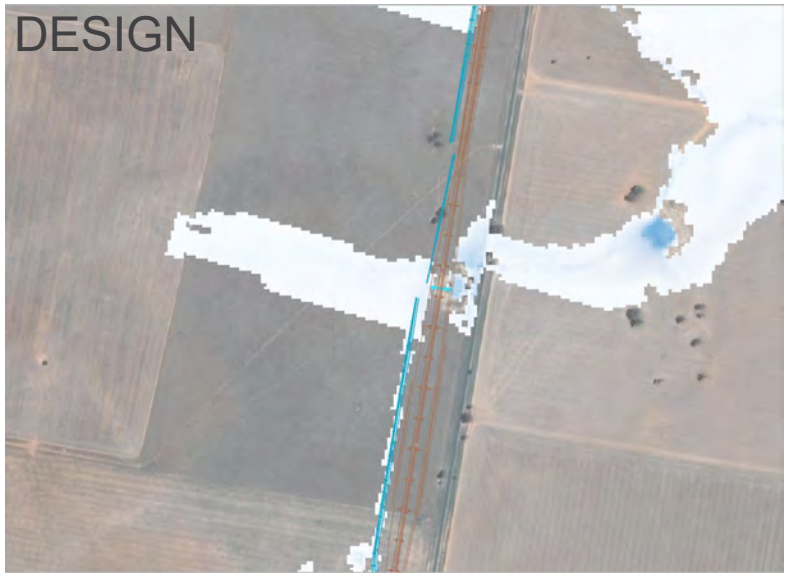
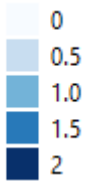
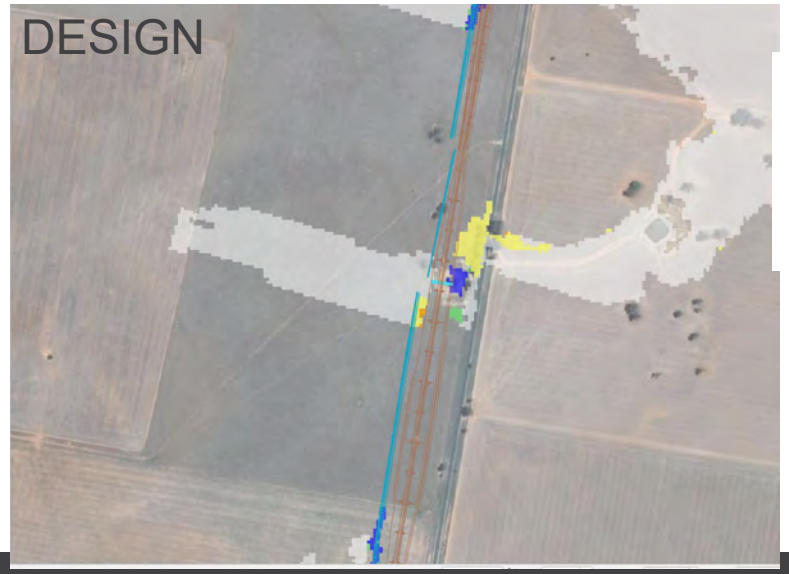
FLOODING – DESIGN

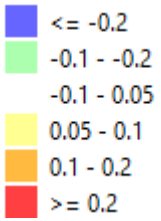












Questions?

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