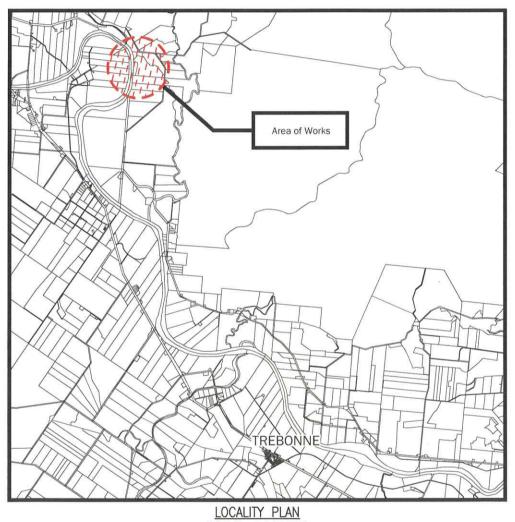
# HINCHINBROOK SHIRE COUNCIL 2022/2023 TRANSPORT INFRASTRUCTURE DEVELOPMENT SCHEME HAWKINS CREEK ROAD JOB NUMBER - 23TID002



## DRAWING SCHEDULE:

Plan No.	Description	Revision
8544	Cover Page & Drawing Schedule	A
8545	Layout Plan - Plan 1 of 2	A
8546	Layout Plan - Plan 1 of 2	A
8547	Details & Section Plan	A



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#### NOTES:

- 1. Insitu stabilise and bitumen seal Hawkins Creek Road from CH 262200 to CH 26070 as per details on
- Degrass the existing shoulders as required and dispose of material in an approved location.
- Horizontal and vertical alignments are to be confirmed onsite following existing as best as possible.
- All corners are to follow the existing superelevation as best as possible.
- Any unsuitable subgrade is to be removed and replaced as per HSC Std Drg R008. Areas are to be approved by HSC IOS Manager prior to commencing any works.

  Any existing drainage structures are to be cleaned out and inspected to ensure the structure is in a
- safe and reasonable condition.
- All existing signs & guideposts are to be removed if required during construction and reinstalled as per the MUTCD. Reuse existing guideposts if in good condition.

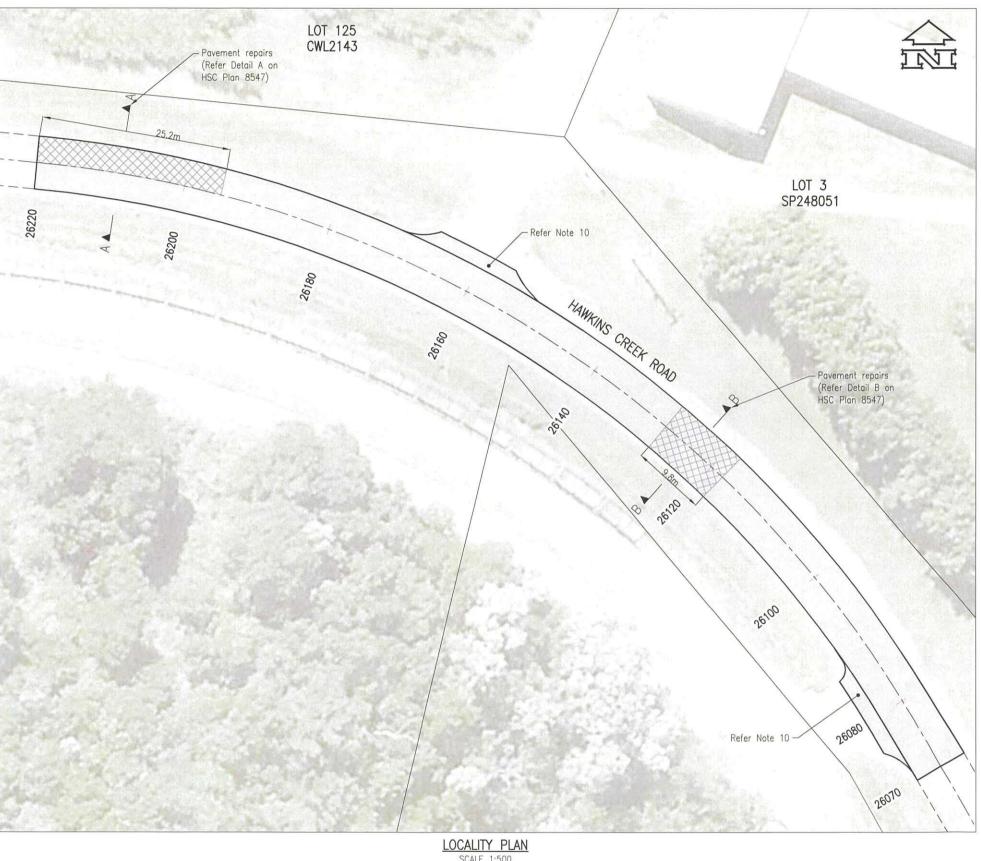
  Tidy up shoulders on both sides to ensure road is formed correctly. Add an approved deco material
- and compact if required.
- All new seal works to be done by others. Design to be confirmed by HSC prior to completing works. Seal into existing accesses a minimum of 2.0m. Works to be confirmed onsite.
- Cutback existing seal as required and match new formation as required. New seal to match neatly with
- Reinstate all linemarking as per existing and in accordance with the MUTCD.

  All disturbed areas are to be grass seeded prior to the completion of works.
- 14. Locate any existing services and ensure depths to these services are sufficient prior to commencing any construction works.
- Locate all survey pins and marks before commencing any works and ensure they remain undisturbed throughout the job.
- 15. All works are to be undertaken in accordance with the MUTCD Part 3. Works on Roads.

#### LEGEND:

Reseal Works (Approx. area: 1104.0m²)

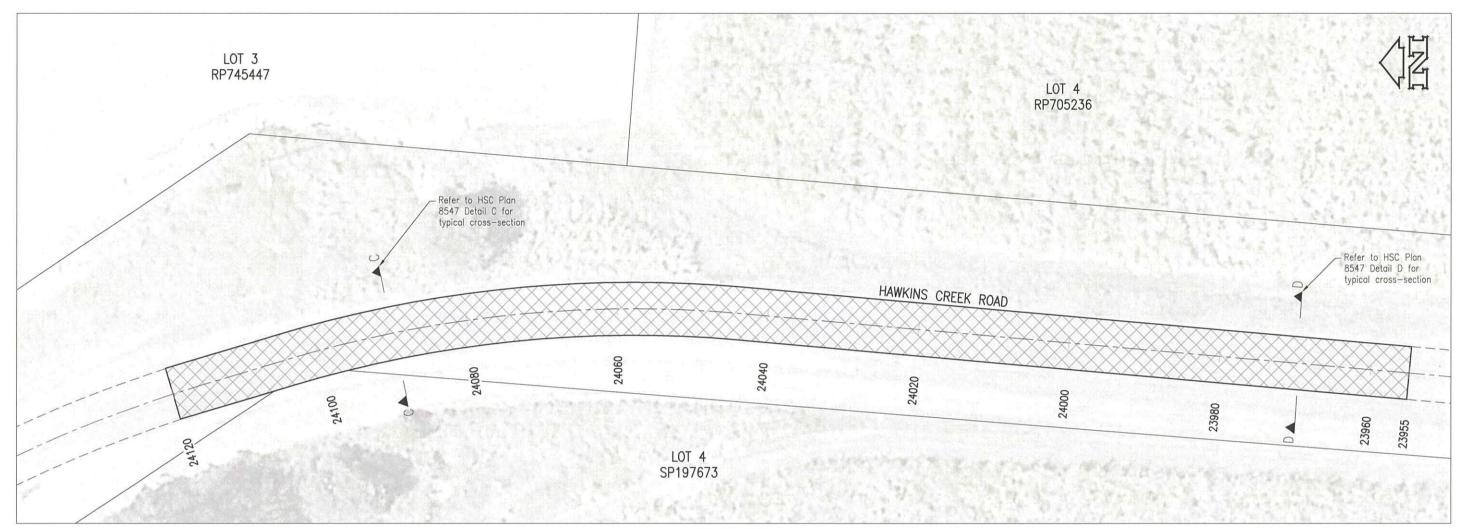
Insitu Stabilisation (Approx. area: 158.0m²)



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LAYOUT PLAN SCALE 1:500

#### NOTES:

- Insitu stabilise and bitumen seal Hawkins Creek Road as per details on this plan.
- Degrass the existing shoulders as required and dispose of material in an approved location.
- Horizontal and vertical alignments are to be confirmed onsite following existing as best as possible.
- All corners are to follow the existing superelevation as best as possible.

  Any unsuitable subgrade is to be removed and replaced as per HSC Std Drg R008. Areas are to be approved by HSC IOS Manager prior to commencing any works.
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- All existing signs & guideposts are to be removed if required during construction and reinstalled as per the MUTCD. Reuse existing guide posts if in good condition.

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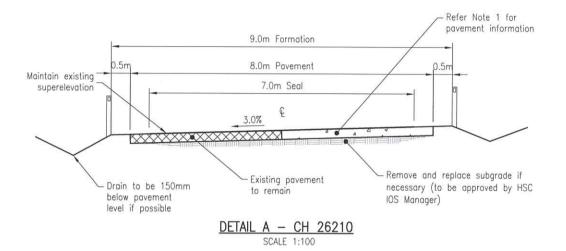
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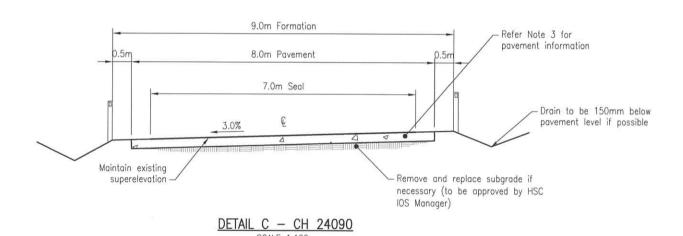


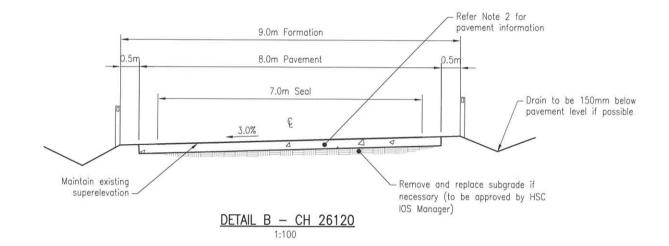
Insitu Stablisation and Seal (Approx. area: 1055.0m²)

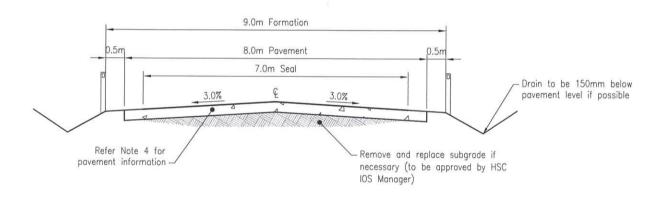
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<u>DETAIL D - CH 23970</u>

### **EXISTING PAVEMENT INVESTIGATION:**

Chainage	Existing Depth	Insitu Depth	Туре
CH 26218	250mm	200mm	Orange Deco
CH 26956	460mm	200mm	Orange Deco Boulder
CH 23956	480mm	200mm	Base: Gravel Orange Deco Subbase: Yellow Clay Loam
CH 24051	250mm	200mm	Base: Yellow Orange Boulder Deco Subbase: Yellow Clay
CH 24120	380mm	200mm	Base: Gravel Subbase: Yellow Clay

#### **GEOTECHNICAL NOTES:**

- 1. Refer Existing Pavement Investigation table for existing & design depths and material information.
- Detail A: 200mm insitu stabilised povement 4.0m from crown, 3% GB cement (target 28 day UCS=1-2MPa)
  compacted to 100% RDD. Ensure quality material is present before commencing stabilisation of pavement. Import
  Type 2.3 gravel as required to achieve depth.
- Detail B: 200mm insitu stabilised pavement, 3% GB cement (target 28 day UCS=1-2MPa) compacted to 100% RDD. Ensure quality material is present before commencing stabilisation of pavement. Import Type 2.3 gravel as required to achieve depth.
- 4. Detail C: 200mm insitu stabilised pavement, 3% GB cement (target 28 day UCS=1-2MPa) compacted to 100% RDD. Ensure quality material is present before commencing stabilisation of pavement. Import Type 2.3 gravel as required to achieve depth. Subbase to be a depth of 150mm. Import material to achieve total pavement depth of 370mm.
- Detail D: 200mm insitu stabilised pavement, 3% GB cement (target 28 day UCS=1-2MPa) compacted to 100% RDD. Ensure quality material is present before commencing stabilisation of pavement. Import 2.3 gravel as required to achieve depth.
- 6. Pavement depths are to be confirmed onsite and additional material is to be added where deemed necessary.

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