

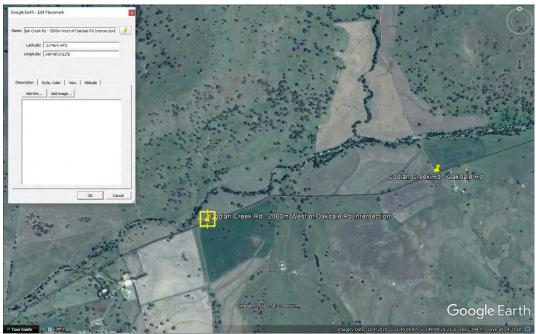


S074 - 600mm Pipe Culvert



S075 - Coolah Creek Rd - 2000m West of Oakdale Rd Intersection

2 of approximately 1500mm Reinforced Concrete Box Culvert Depth of Box Culvert unknown due to water flow Fair Condition and Serviceable



S075 - Location Plan



S075 - View to East



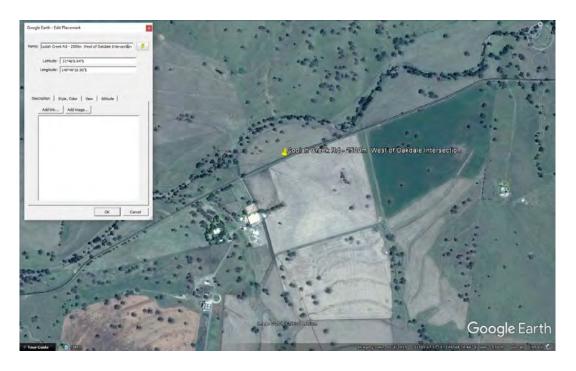


S075 – 2 by 1500mm Reinforced Concrete Box Culvert



S076 - Coolah Creek Rd - 2500m West of Oakdale Rd Intersection 450mm Pipe Culvert with broken headwall

Moderate Condition and Serviceable



S076 - Location Plan



S076 - View to East





S076 - 450mm Pipe Culvert with broken headwall





S077 - Coolah Creek Rd - 4000m West of Oakdale Rd Intersection 3 of 900mm Pipe Culvert Fair Condition and Serviceable



S077 - Location Plan



S077 - View to East





S077 – 3-900mm Pipe Culvert

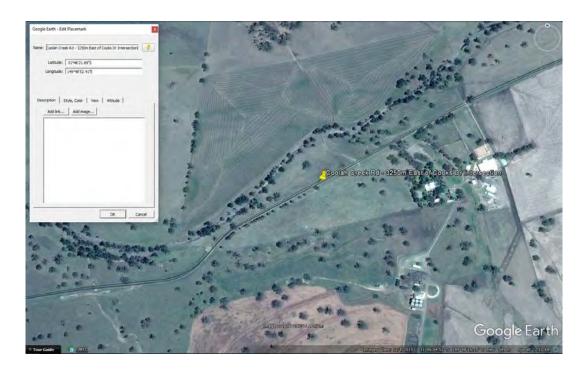


S077 - Internal View



S078 - Coolah Creek Rd - 3250m East of Cooks Dr Intersection

Concrete Causeway, 450mm Pipe Culvert, Moderate Condition and Serviceable



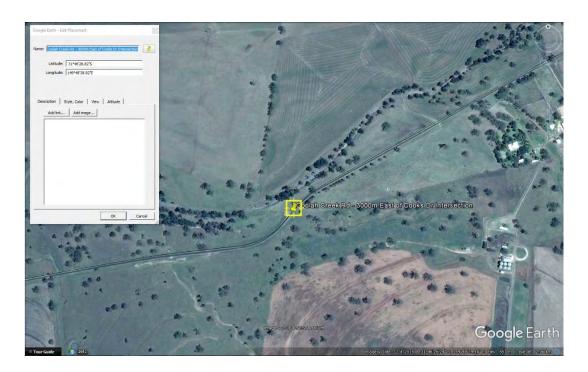
S078 - Location Plan



S078 - View to East Level 2, 39 Sherwood Road Toowong QLD 4066



S079 – Coolah Creek Rd – 3000m East of Cooks Dr Intersection 525mm Pipe Culvert Fair Condition and Serviceable



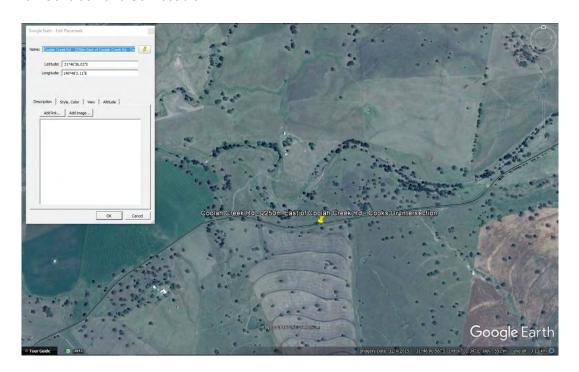
S079 - Location Plan



S079 - View to East



S080 – Coolah Creek Rd - 2250m East of Coolah Creek Rd - Cooks Dr Intersection 450mm Pipe Culvert Fair Condition and Serviceable



S080 - Location Plan



S080 - View to North



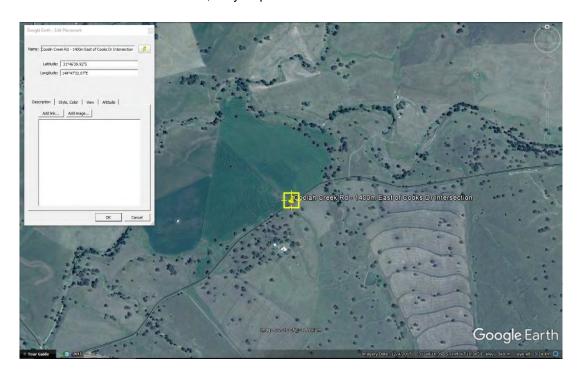


S080 – 450mm Pipe Culvert



S081 – Coolah Creek Rd - 1400m East of Coolah Creek Rd - Cooks Dr Intersection 600mm Pipe Culvert

Good Condition and Serviceable, may require some maintenance



S081 - Location Plan



S081 - View to East

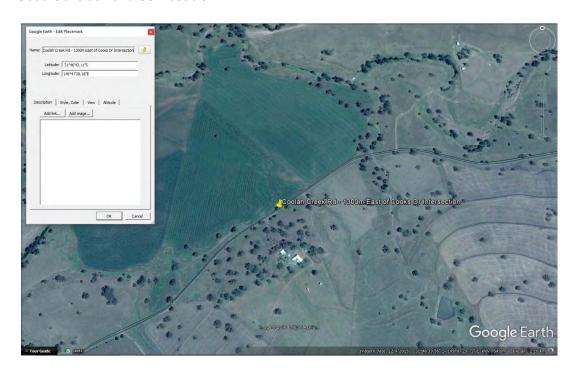




S081 - 600mm Pipe Culvert



S082 – Coolah Creek Rd - 1300m East of Coolah Creek Rd - Cooks Dr Intersection 600mm Pipe Culvert Good Condition and Serviceable



S082 - Location Plan



S082 - View of Causeway, Marker on top right of image





S082 – 600mm Pipe Culvert



S083 – Coolah Creek Rd - 1200m East of Cooks Dr Intersection 450mm Pipe Culvert Fair Condition and Serviceable



S083 - Location Plan



S083 - View to West

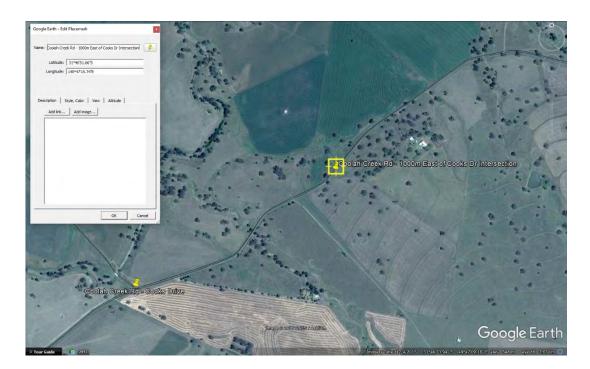




S083 - 450mm Pipe Culvert



S084 – Coolah Creek Rd - 1000m East of Cooks Dr Intersection 600mm Pipe Culvert Moderate Condition and Serviceable



S084 - Location Plan

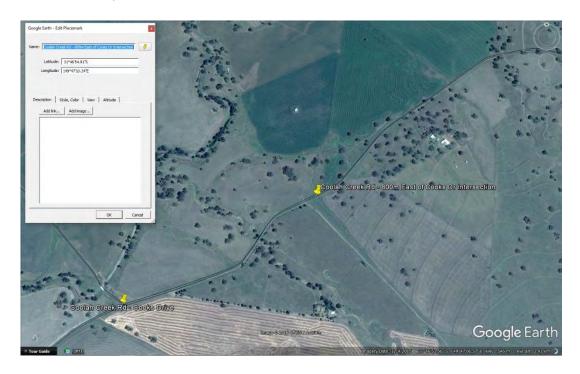


S084 – View to South Level 2, 39 Sherwood Road Toowong QLD 4066

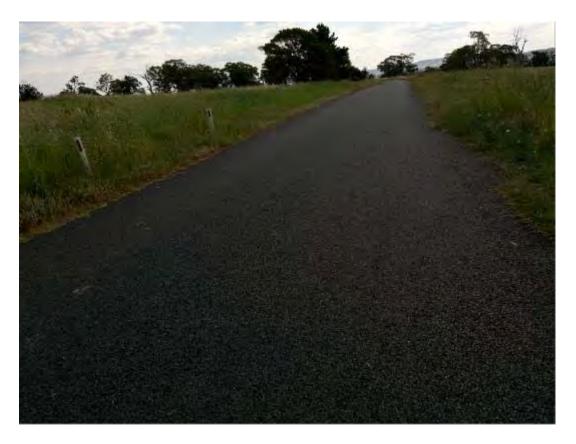


S085 - Coolah Creek Rd - 800m East of Cooks Dr Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition Maintenance required



S085 - Location Plan



S085 - View to West

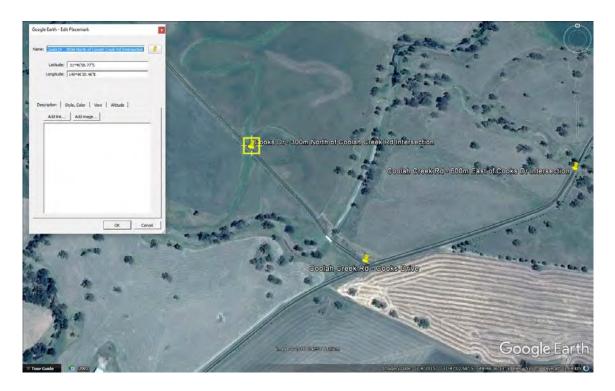




S085 - Pipe Culvert



S086 – Cooks DrConcrete Causeway, Dual 600mm Pipe Culvert
Good Condition and Serviceable



S086 - Location Plan



S086 - Dual 600mm Pipe Culvert

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S087 - Gundare Rd - 100m east of Cooks Dr Intersection

Pipe Culvert Inaccessible at time of inspection Maintenance required



S087 - Location Plan



S087 - View to South





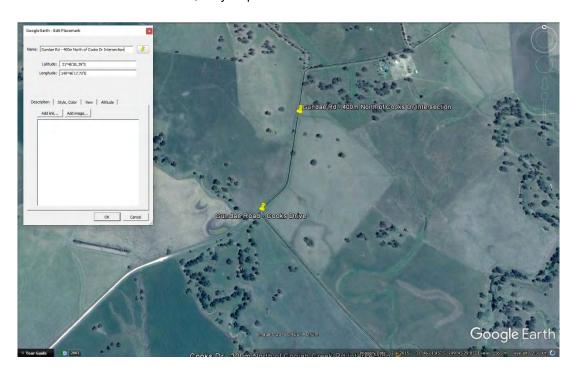
S087 - View of Hidden Culvert



S088 - Gundare Rd - 400m North of Cooks Dr Intersection

Dual 600mm Pipe Culvert

Fair Condition and Serviceable, may require some maintenance



S088 - Location Plan



S088 - View to North



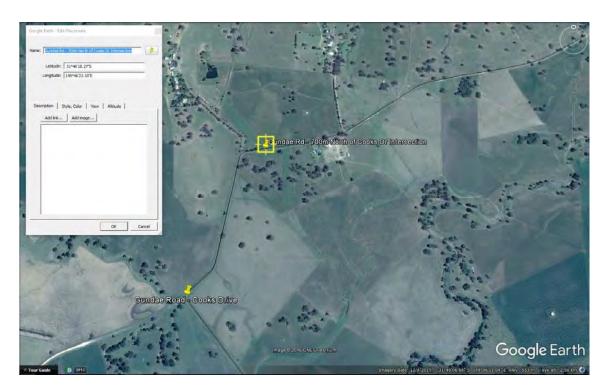


S088 - Dual 600mm Pipe Culvert



S089 - Gundare Rd - 700m North of Cooks Dr Intersection

Dual 750mm-1200mm Reinforced Concrete Box Culvert with 3500mm bitumen seal Moderate Condition and Serviceable



S089 - Location Plan



S089 – View to West showing 3.5m Seal of Bitumen



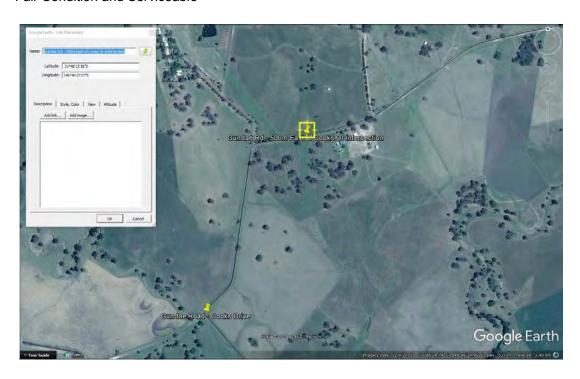


S089 – 2 of 750mm by 1200mm reinforced concrete box culvert



S090 – Gundare Rd - 500m East of Cooks Dr IntersectionDual 750mm-1200mm Reinforced Concrete Box Culvert

Fair Condition and Serviceable



S090 - Location Plan



S090 - Dual 750mm-1200mm Reinforced Concrete Box Culvert

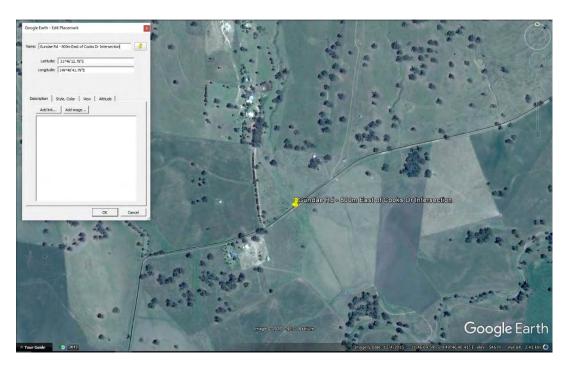






S091 - Gundare Rd - 800m East of Cooks Dr Intersection

Causeway, Prone to Flooding, Fair Condition and Serviceable Upgrade may be required



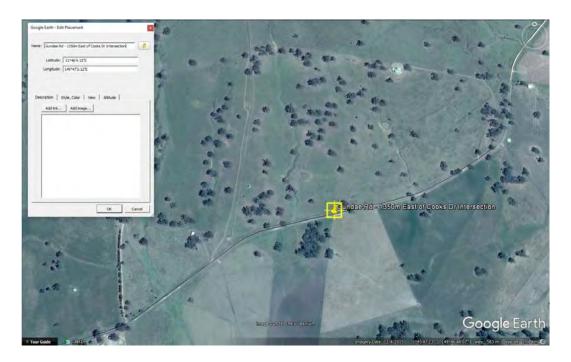
S091 - Location Plan



S091 – Causeway, Signs of water damage on either side of road



S092 – Gun dare Rd - 1350m East of Cooks Dr IntersectionCauseway with pipe culvert approximately 300mm in Diameter Moderate Condition and Serviceable



S092 - Location Plan



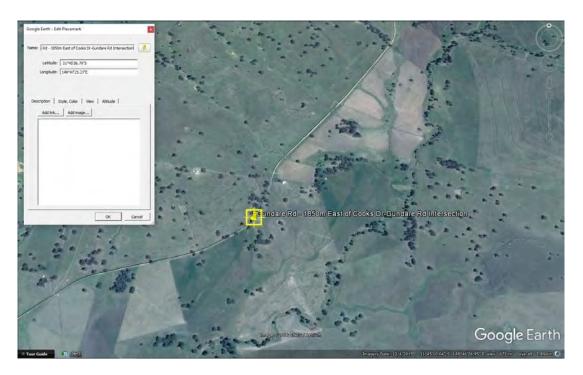
S092 - View to East



S093 - Gundare Rd - 1850m East of Cooks Dr-Gundare Rd Intersection

Causeway

Heavily silted at time of inspection, may require upgrade.



S093 - Location Plan

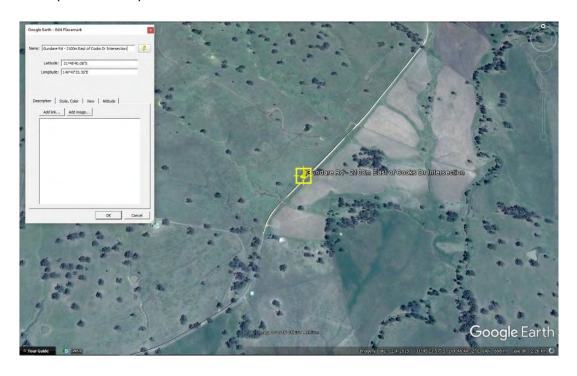


S093 - View to East



S094 - Gundare Rd - 2100m East of Cooks Dr Intersection

New Pipe Culvert required at this location



S094 - Location Plan

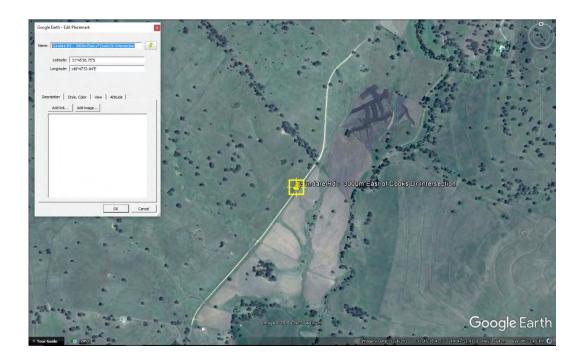


S094 - View to East



S095 - Gundare Rd - 3000m East of Cooks Dr Intersection

New causeway, may require upgrade Fair Condition and Serviceable



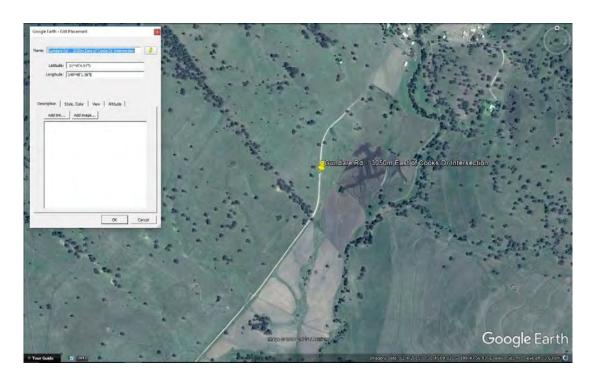
S095 - Location Plan



S095 - View to North



S096 - Gundare Rd - 3050m East of Cooks Dr IntersectionNew Pipe Culvert required



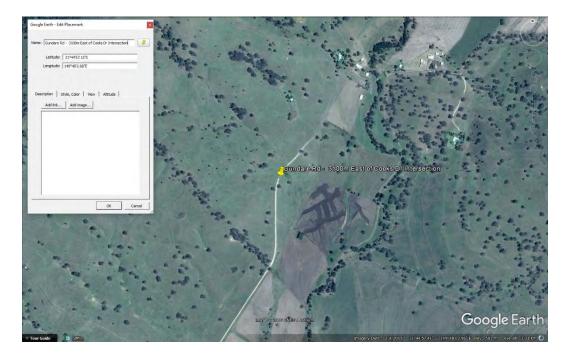
S096 - Location Plan



S096 - View to North



S097- Gundare Rd - 3100m East of Cooks Dr IntersectionNew Pipe Culvert Required



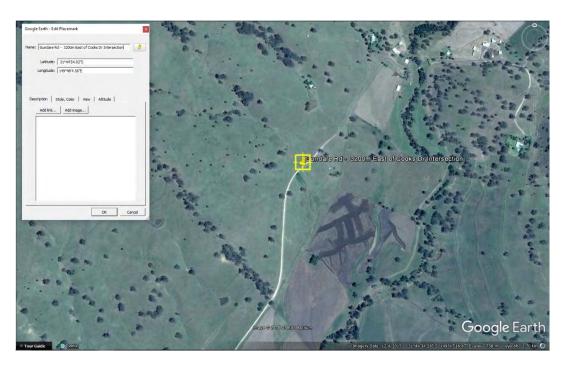
S097 - Location Plan



S098 - Gundare Rd - 3200m East of Cooks Dr Intersection

Causeway

Pipe culvert required for low flow.



S098 - Location Plan

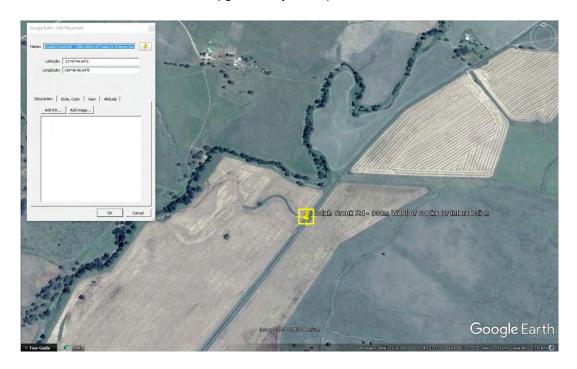


S098 - View to North



S099 - Coolah Creek Rd - 130m West of Cooks Dr Intersection

Concrete causeway, 4 of 450mm Pipe Culvert headwall broken Poor Condition and Serviceable, upgrade may be required



S099 - Location Plan







S099 - 4-450mm Pipe Culvert

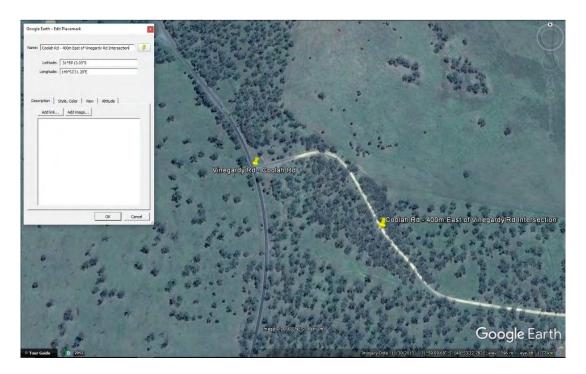


S099 - Broken Headwall



S100 - Coolah Rd - 400m East of Vinegaroy Rd Intersection

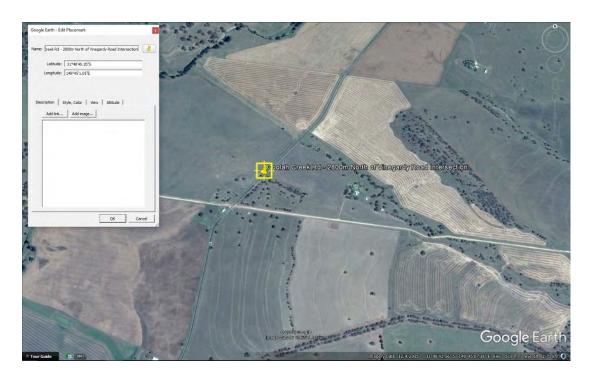
Inaccessible pipe culvert of unknown dimensions Condition unable to be assessed at time of inspection.



S100 - Location Plan



S101 – Coolah Creek Rd - 2800m North of Vinegaroy Road Intersection 450mm Pipe Culvert Fair Condition and Serviceable



S101 - Location Plan



S101 - 450mm Pipe Culvert



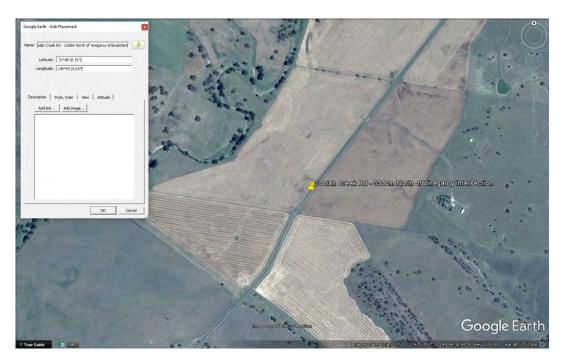


S101 – View to South



S102 - Coolah Creek Rd - 3300m North of Vinegaroy Intersection

Causeway Vertical Geometry for HLP's to be verified by Survey May require upgrade



S012 - Location Plan



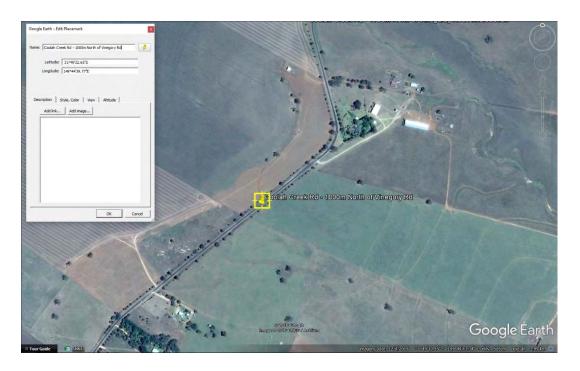
S102 - View to North



S102 - View to North



S103 – Coolah Creek Rd - 1000m North of Vinegory Rd 600mm Pipe Culvert, Fair Condition and Serviceable



S103 - Location Plan



S103 - View to South



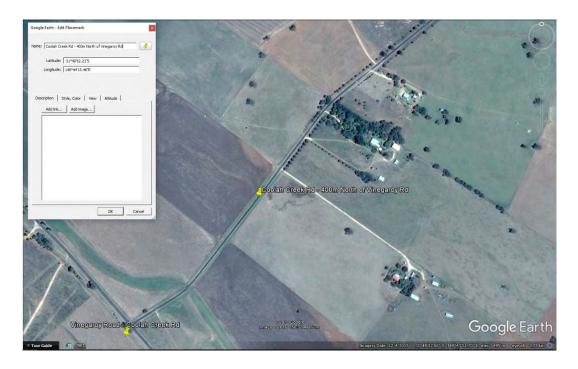


S103 - 600m Pipe Culvert



S104 - Coolah Creek Rd - 400m North of Vinegaroy Rd

Pipe Culvert of Approximately 525mm in diameter Moderate Condition and Serviceable



S104 - Location Plan



S014 - View to North





S104 – 525mm Pipe Culvert



S105 – Vinegaroy Rd - 600m South of Coolah Creek Rd Intersection 450mm Pipe Culvert Moderate Condition and Serviceable



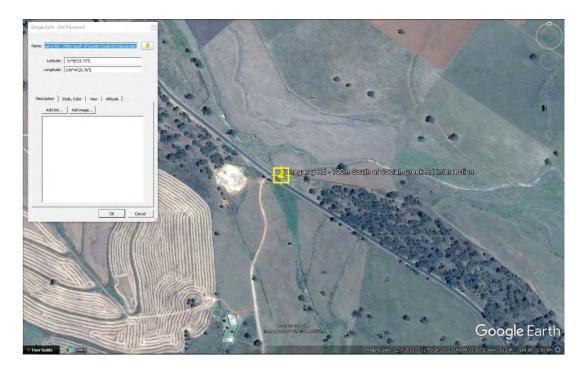
S015 - Location Plan



S105 - View to North



S106 – Vinegaroy Rd - 700m South of Coolah Creek Rd Intersection 3-450mm Pipe Culvert Good Condition and Serviceable



S106 - Location Plan



S106 - View to East

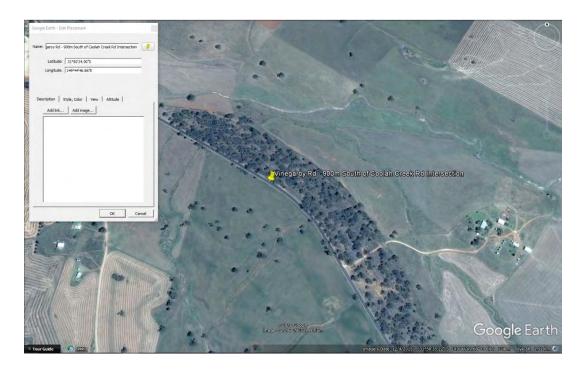




S106 - 3-450mm Pipe Culvert



S107 – Vinegaroy Rd - 900m South of Coolah Creek Rd Intersection 600mm Pipe Culvert Fair Condition and Serviceable,



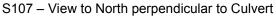
S107- Location Plan



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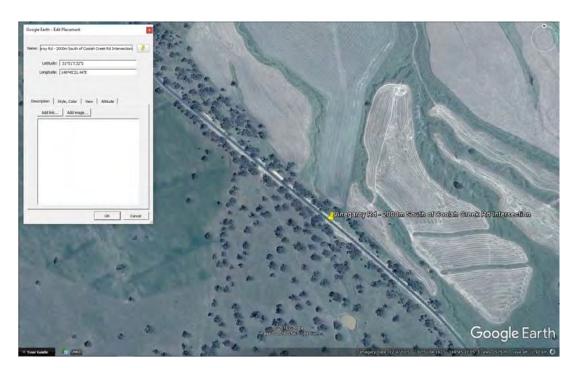


S107 – 600mm Pipe Culvert



S108 - Vinegaroy Rd - 2000m South of Coolah Creek Rd Intersection 1050mm Pipe Culvert. Skewed across road alignment.

Fair Condition and Serviceable, Internal condition is also Fair



S109 - Location Plan



S108 - View to North





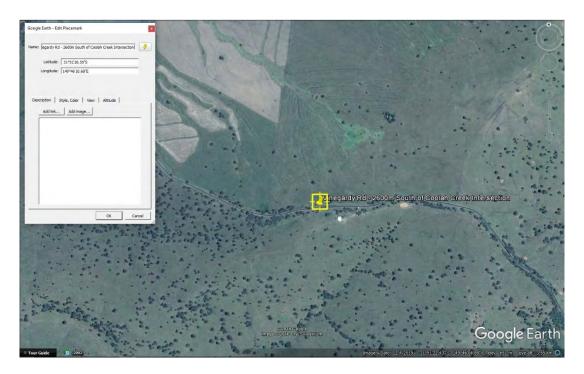
S108 – Skewed 1050mm Pipe Culvert showing Interior Condition



S109 - Vinegaroy Rd - 2600m South of Coolah Creek Intersection

600mm Pipe Culvert

Blocked, further inspection required of internal condition after blockage has been removed Moderate Condition and Serviceable



S109 - Location Plan





S109 - 600mm Blocked Pipe Culvert



S110 - Vinegaroy Rd - 3900m East of Coolah Creek Intersection

Pipe Culvert of Approximately 450mm Unknown Condition



S110 - Location Plan



S110 – View to South







S111 – Vinegaroy Rd - 3200m South of Coolah Creek Intersection 600mm Corrugated Metal Pipe Inaccessible at time of inspection, condition unknown.



S111 - Location Plan



S111 - View to North





S111 –600mm Corrugated Metal Pipe



S112 - Vinegaroy Rd - 3500m South of Coolah Creek Intersection

Approximately 450mm Pipe Culvert

Unknown Condition, upgrade may be required



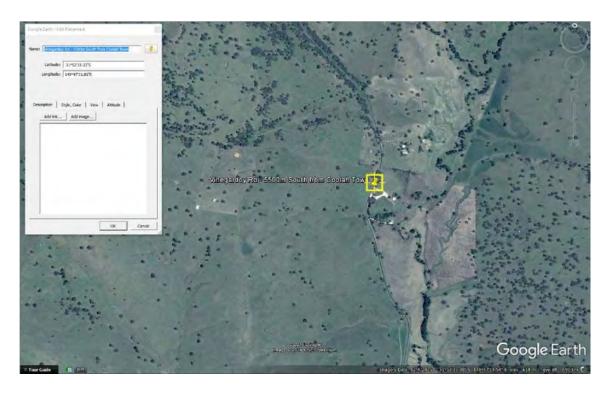
S112 - Location Plan



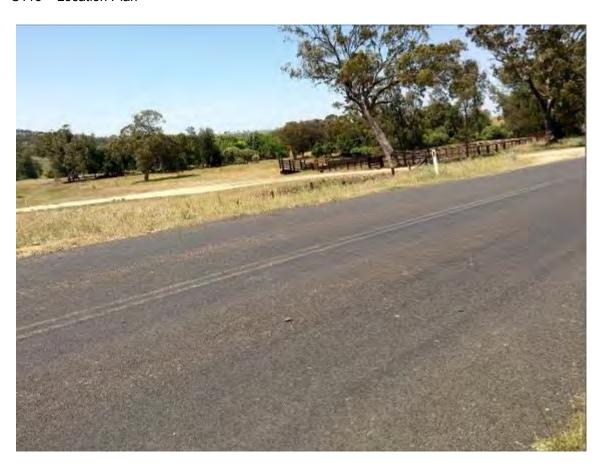
S112 - View of Causeway showing signs of rutting



S113 - Vinegaroy Rd - 5000m South from Coolah Town 600mm Pipe Culvert Unknown Condition



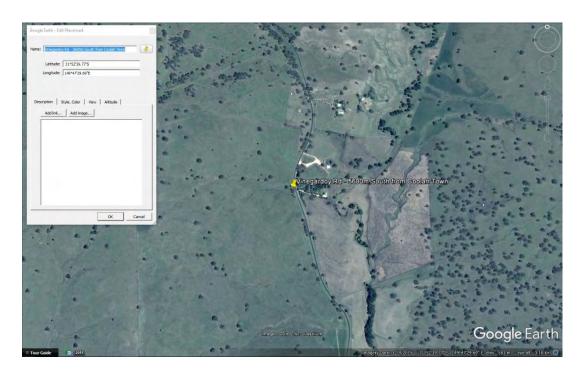
S113 - Location Plan



S113 – View to East
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S114 – Vinegaroy Rd - 5600m South from Coolah Town 600mm Pipe Culvert Unknown Condition



S114 - Location Plan



S114 - View to North, 600mm Pipe Culvert



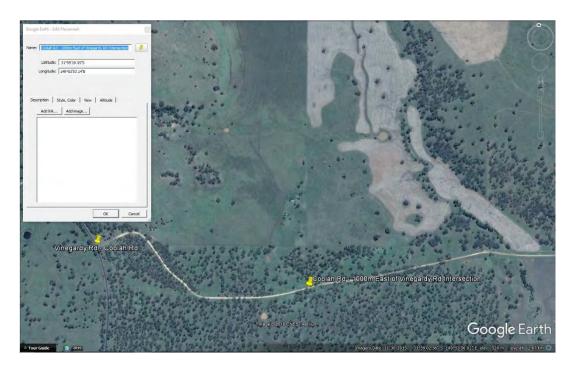


S114 – 600mm Pipe Culvert



S115 - Coolah Rd - 1000m East of Vinegaroy Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition



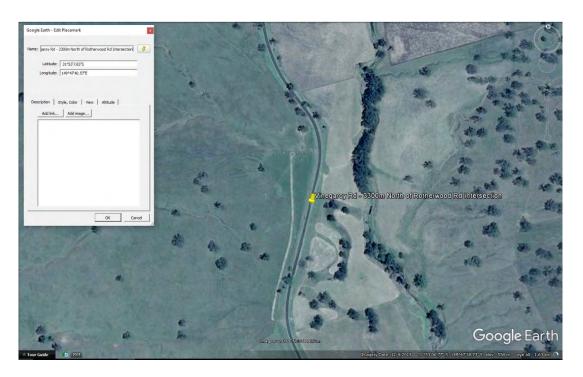
S115 - Location Plan



S115 - View to West



S116 - Vinegaroy Rd - 3300m North of Rotherwood Rd Intersection 3-750mm Pipe Culvert Moderate Condition and Serviceable



S116 – Location Plan



S116 - View to East

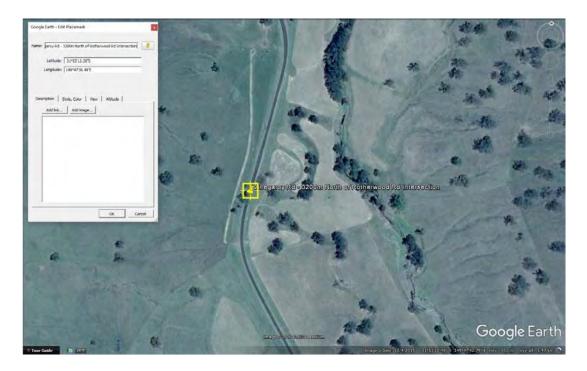




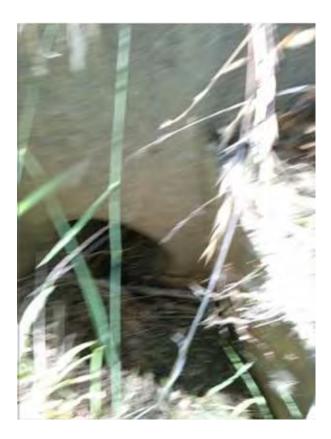
S116 - 3-750mm Pipe Culvert



S117 – Vinegaroy Rd - 3200m North of Rotherwood Rd Intersection 450mm Pipe Culvert Moderate Condition and Serviceable



S117 - Location Plan



S117 - 450mm Pipe Culvert



S118 - Vinegaroy Rd - 1600m North of Rotherwood Intersection

600mm Pipe Culvert

Moderate Condition and Serviceable

Fairly overgrown and requires maintenance. Further inspection of internal condition is required



S118 - Location Plan



S118 - View to North





S118 – 600mm Pipe Culvert

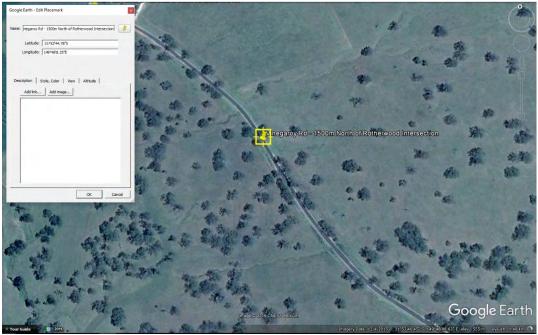


S119 - Vinegaroy Rd - 1500m North of Rotherwood Intersection

600mm Pipe Culvert

Moderate Condition and Serviceable, upgrade may be required.

Further inspection of internal condition is required



S119 - Location Plan



S119 – Road showing signs of wear





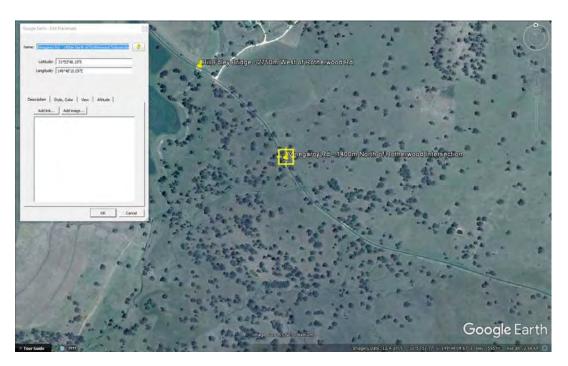
S119 - 600mm Pipe Culvert



S120 - Vinegaroy Rd - 1400m North of Rotherwood Intersection

750mm Pipe Culvert

Moderate Condition and Serviceable, partially overgrown may require maintenance



S120 - Location Plan



S120 - View to East





S120 - 750mm Pipe Culvert

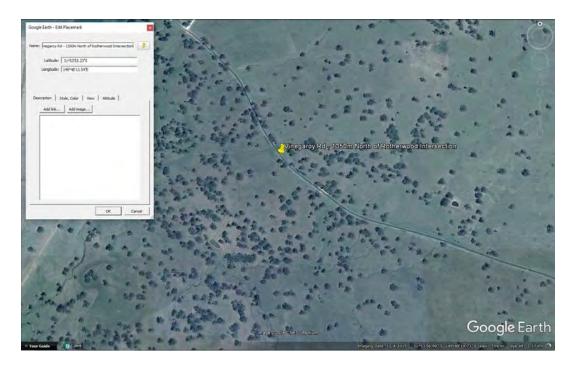


S121 - Vinegaroy Rd - 1350m North of Rotherwood Intersection

600mm Pipe Culvert

Moderate condition. Blocked and requiring maintenance.

Further inspection of internal condition is required



S122 - Location Plan



S121 - View to North





S121 - 600mm Pipe Culvert





S122 - Vinegaroy Rd - 1300m North of Rotherwood Intersection

Dual 450mm Pipe Culvert Fair Condition and Serviceable



S122 - Location Plan



S122 - View to North

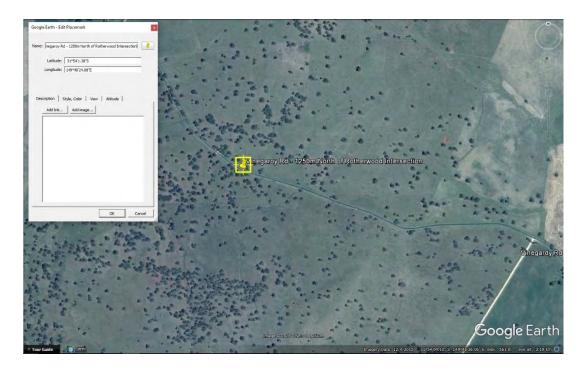




S122 - Dual 450mm Pipe Culvert



S123 – Vinegaroy Rd - 1250m North of Rotherwood Intersection 1050mm Pipe Culvert Fair Condition and Serviceable



S123 - Location Plan



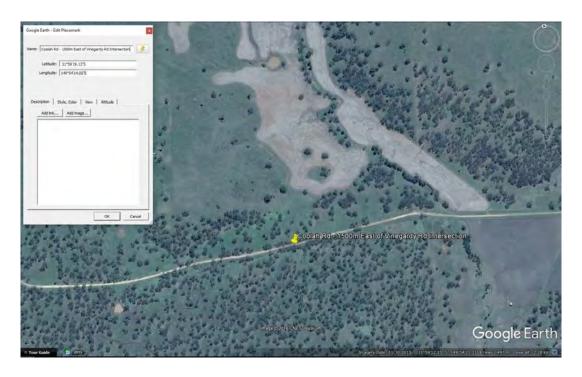


S123 - 1050mm Pipe Culvert



S124 - Coolah Rd - 1500m East of Vinegaroy Rd Intersection

Pipe Culvert of Unknown Dimensions Condition Unknown



S260 - Location Plan



S260 - View towards Culvert

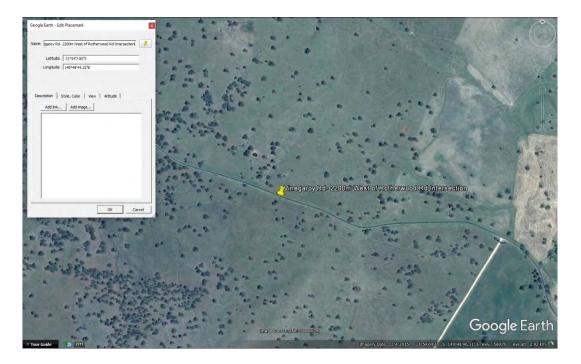


S125 - Vinegaroy Rd- 2200m West of Rotherwood Rd Intersection

450mm Pipe Culvert

Blocked at time of inspection

Moderate Condition and Serviceable, maintenance required.



S125 - Location Plan



S125 – View to West





S125 -450mm blocked pipe culvert



S126 – Turee Vale Rd - 600m North of Vinegaroy Rd IntersectionCulvert of unknown Dimensions Unknown Condition

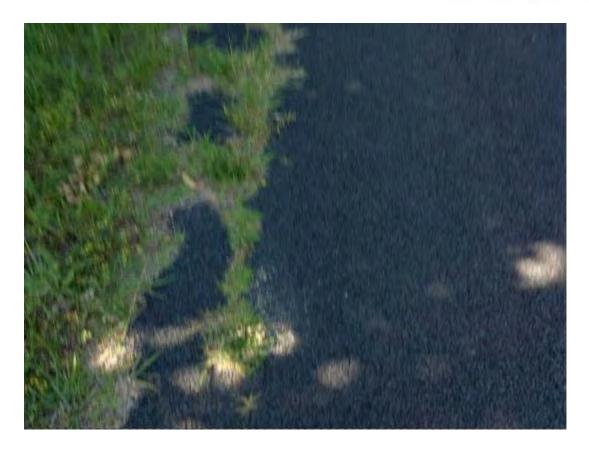


S126 - Location Plan



S126 - View to North





S126 - Moss growing into Road



S126 - Hidden Culvert

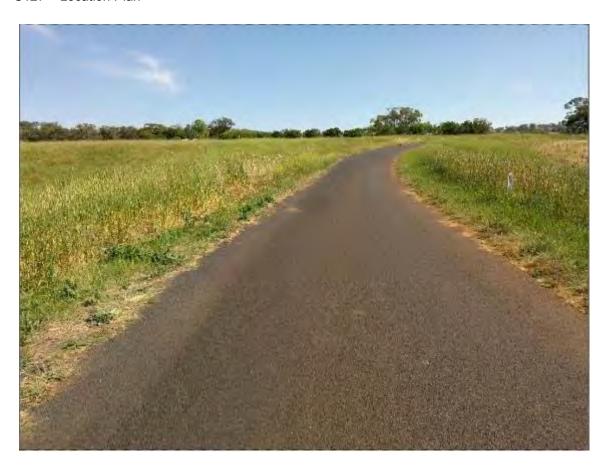


S127 - Turee Vale Rd - 600m North of Vinegaroy Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition



S127 - Location Plan



S127 – View to South
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www.icubed.com.au





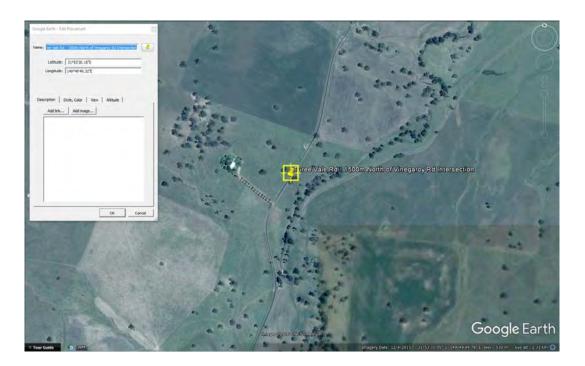
S127 – View looking to Pipe Culvert



S127 – Pothole on Road Caused by Rutting



S128 – Turee Vale Rd - 1500m North of Vinegaroy Rd IntersectionPipe Culvert of Unknown Dimensions Unknown Condition



S128 - Location Plan

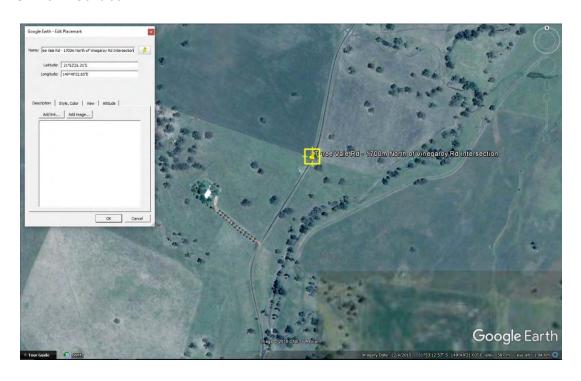


S128 - View to North



S129 - Turee Vale Rd - 1700m North of Vinegaroy Rd Intersection Pipe Culvert of Unknown Dimensions

Unknown Condition



S129 - Location Plan



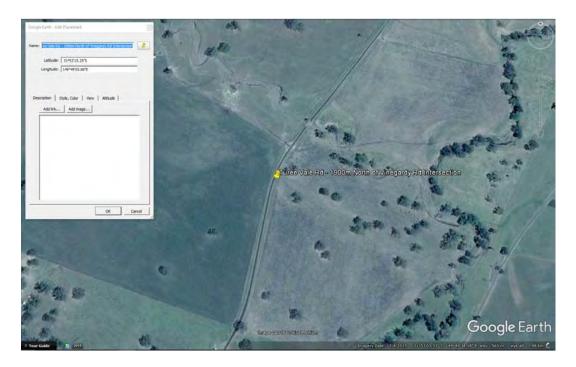
S129 - View to South



S130 - Turee Vale Rd - 1900m North of Vinegaroy Rd Intersection

Pipe Culvert.

Poor Condition and Serviceable, upgrade may be required



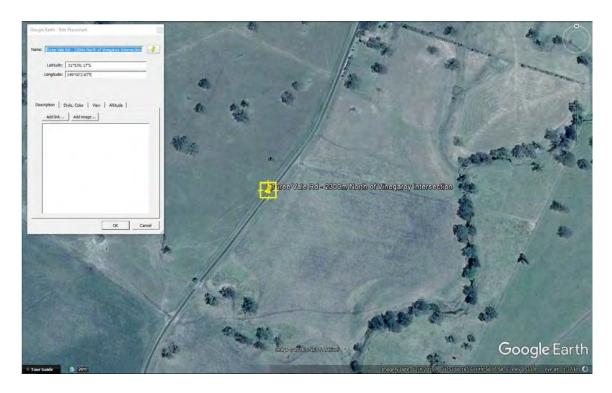
S130 - Location Plan



S131 - Turee Vale Rd - 2300m North of Vinegaroy Intersection

Possible Pipe Culvert Location, Known potholes at location.

Unknown Condition

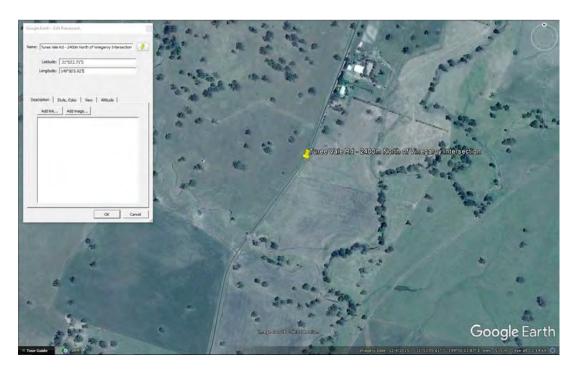


S131 - Location Plan



S132 - Turee Vale Rd - 2300m North of Vinegaroy Intersection

Possible Pipe Culvert Location, Known Potholes at Location. Unknown Condition Upgrade may be required

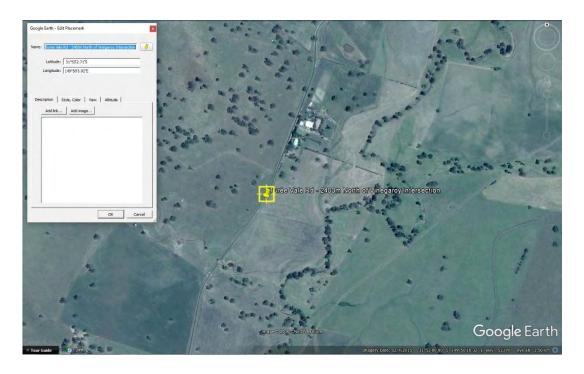


S132 - Location Plan



S133 – Turee Vale Rd - 2400m North of Vinegaroy Intersection 600mm Pipe Culvert with no headwall.

Moderate Condition and Serviceable



S133 - Location Plan



S133 - View to North



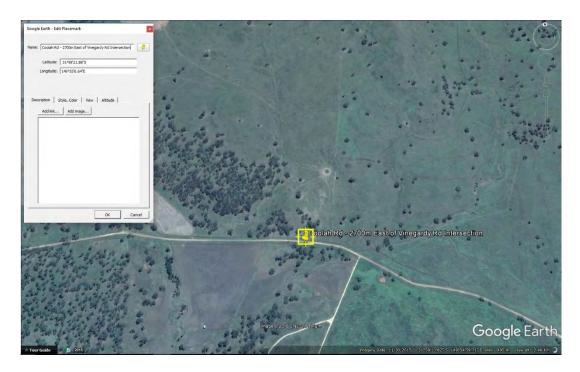


S133 – 600mm Pipe Culvert



S134 - Coolah Rd - 2700m East of Vinegaroy Rd Intersection

Pipe culvert is required at this location as water is evidently washing over the road



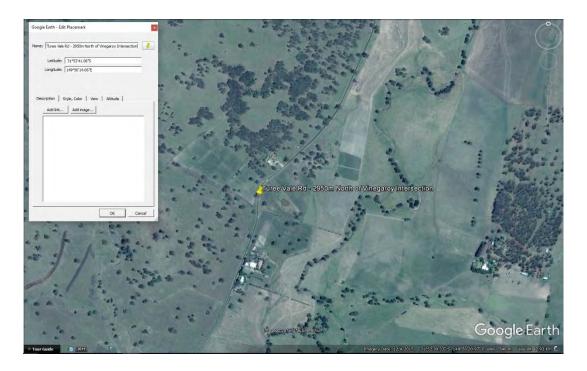
S134 - Location Plan



S134 - View to West



S135 – Turee Vale Rd - 2950m North of Vinegaroy Intersection 675mm Pipe Culvert Moderate Condition and Serviceable



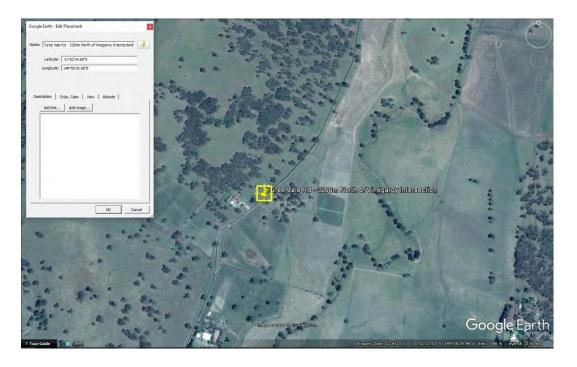
S135 - Location Plan



S135 - View to North



S136 – Turee Vale Rd - 3200m North of Vinegaroy Intersection 450mm Pipe Culvert Fair Condition and Serviceable



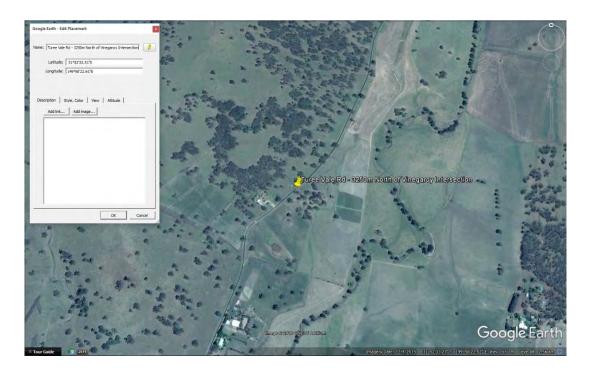
S136 - Location Plan



S136 - View to North



S137 - Turee Vale Rd - 3250m North of Vinegaroy IntersectionPipe Culvert of Unknown Dimensions Unknown Condition



S137 - Location Plan

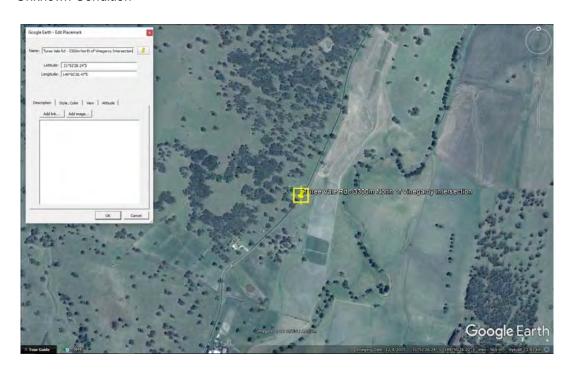


S137 - View to North



S138 - Turee Vale Rd - 3300m North of Vinegaroy Intersection Pipe Culvert of Unknown Dimensions

Unknown Condition



S138 – Location Plan

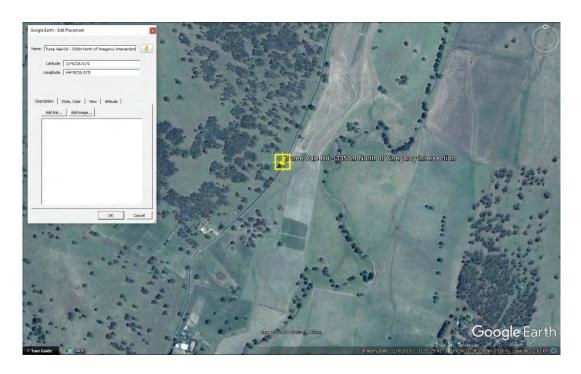


S138 - View to North



S139 - Turee Vale Rd - 3350m North of Vinegaroy Intersection Dual 600mm Pipe Culvert

Good Condition and Serviceable

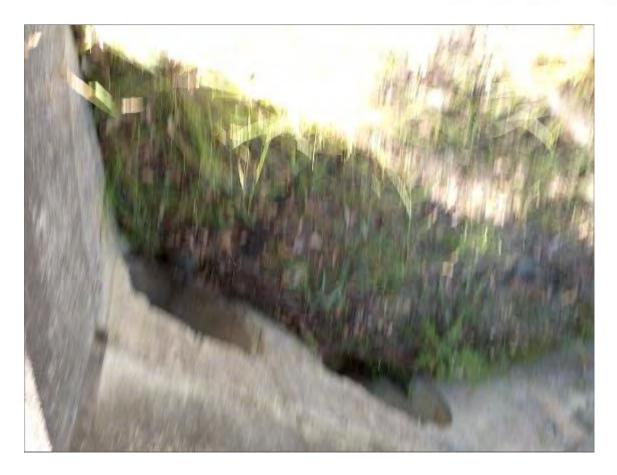


S139 - Location Plan



S139 - View to North





S139 - Dual 600mm Pipe Culvert

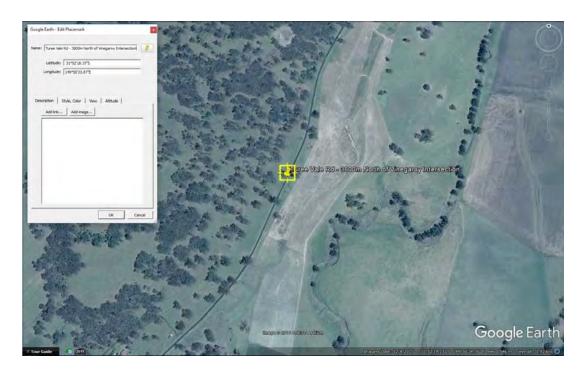


S140 - Turee Vale Rd - 3800m North of Vinegaroy Intersection

375mm Pipe Culvert,

Cracked headwall may not last through life of project

Poor Condition and serviceable



S140 - Location Plan



S140 - View to North



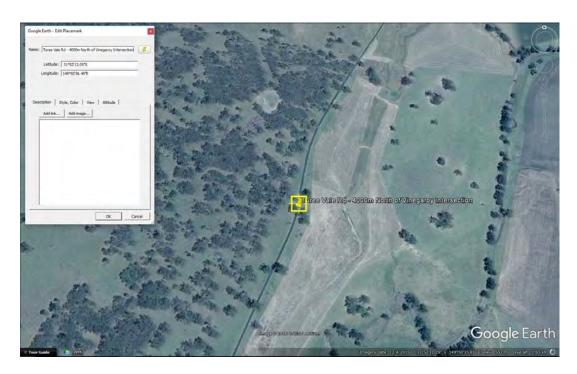


S140 – 375mm Pipe Culvert



S141 - Turee Vale Rd - 3800m North of Vinegaroy Intersection

1200mm-450mm Reinforced Concrete Box Culvert Moderate Condition and Serviceable



S141 - Location Plan



S141 - View to North

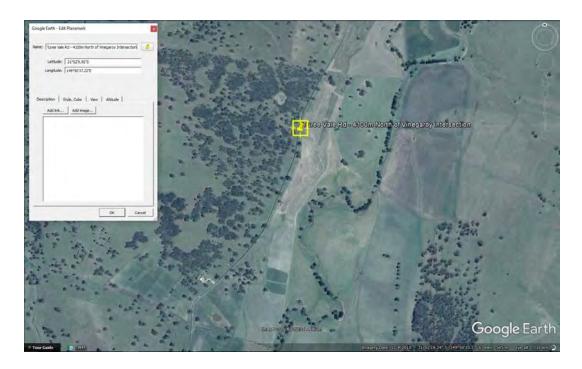




S141 - Parts of the Surface has been polished



S142 – Turee Vale Rd - 4100m North of Vinegaroy Intersection 450mm Pipe Culvert Fair Condition and Serviceable



S142 - Location Plan



S142 - View to North



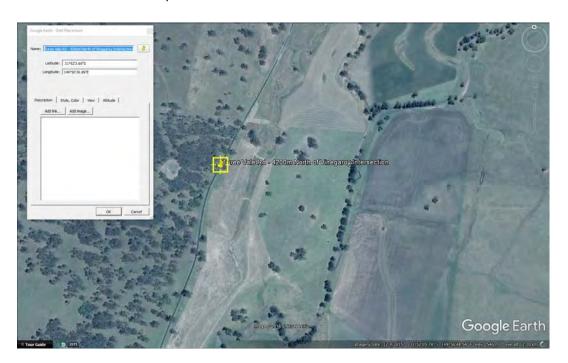


S142 - 450mm Pipe Culvert



S143 - Turee Vale Rd - 4200m North of Vinegaroy Intersection

Pipe Culvert of Unknown Dimensions, Inaccessible at time of inspection. Unknown Condition



S143 - Location Plan



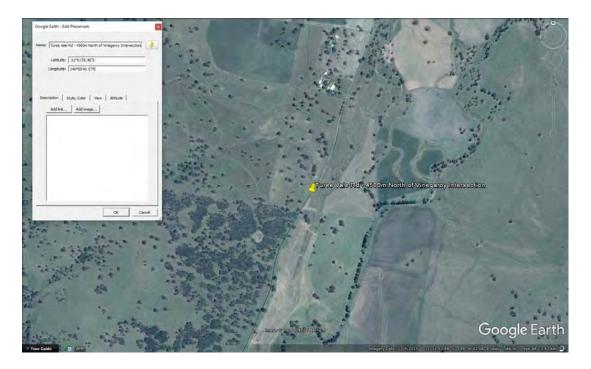
S143 - View to North



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S144 – Turee Vale Rd - 4500m North of Vinegaroy IntersectionDual 450mm Pipe Culvert Unknown Condition

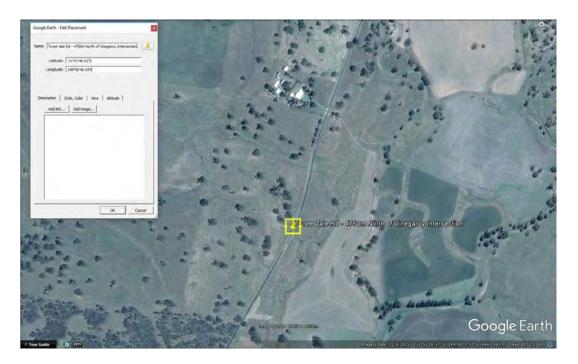


S144 - Location Plan



S145 - Turee Vale Rd - 4750m North of Vinegaroy Intersection

600mm Pipe Culvert, may require some Maintenance Moderate Condition and Serviceable



S145 - Location Plan



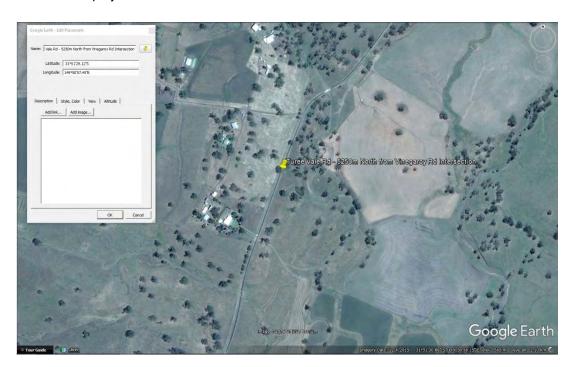
S145 - 600mm Pipe Culvert at top of Image



S145a - Turee Vale Rd - 5250m North from Vinegaroy Rd Intersection

525mm Pipe Culvert

Location is of Poor Condition, Will require upgrade otherwise it will further degrade over the course of the project



S145a - Location Plan



S145a – Road showing Edge Break





S145a - View towards 525mm Pipe Culvert



S146 – Turee Vale Rd - 5600m North from Vinegaroy Rd IntersectionPipe Culvert of unknown Dimensions Unknown Condition



S146 - Location Plan



S146 - View to North



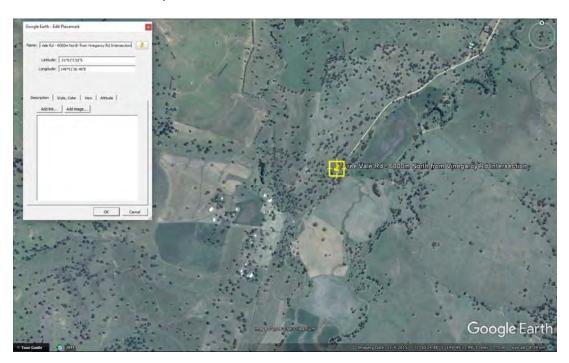


S146 - Road showing Cracking/Ravelling



S147 - Turee Vale Rd - 6000m North from Vinegaroy Rd Intersection

Pipe culvert of unknown dimensions Inaccessible at time of inspection

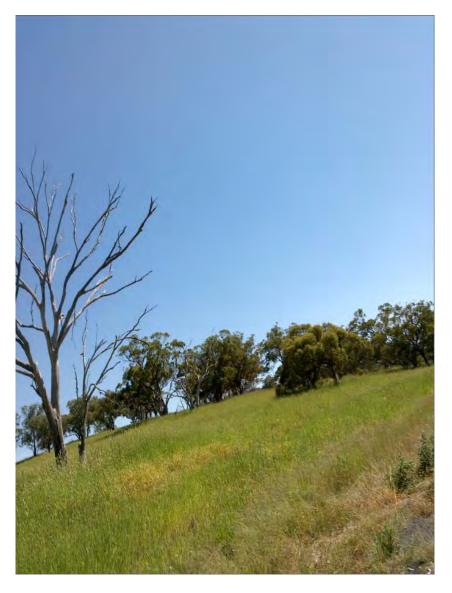


S147 – Location Plan



S147 - Road in sub-par condition



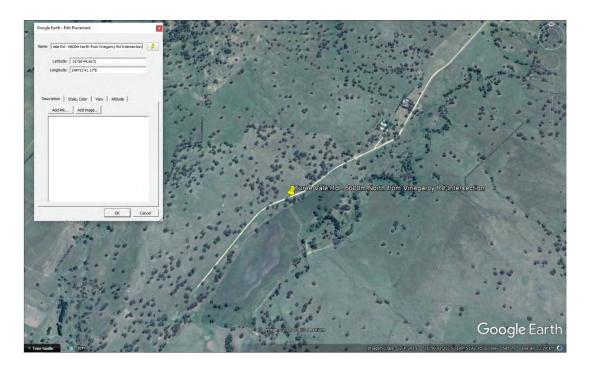


S147 - View to North





S148 – Turee Vale Rd - 6600m North from Vinegaroy Rd Intersection 375mm Pipe Culvert with no headwall Moderate Condition and Serviceable



S148 - Location Plan



S148 - View to North



S149 - Turee Vale Rd - 6900m North from Vinegaroy Rd Intersection

Causeway with no low flow pipe, Upgrade may be required Moderate Condition and Serviceable



S149 - Location Plan



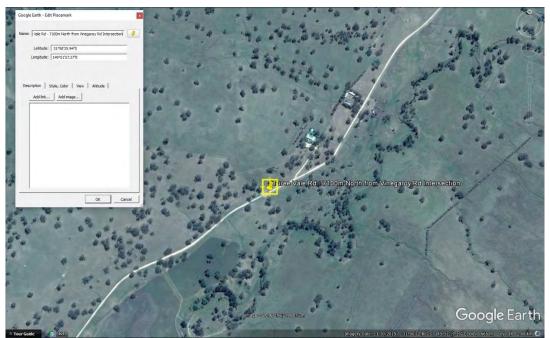
S149 - View to North





S150 - Turee Vale Rd - 7100m North from Vinegaroy Rd Intersection

Pipe Culvert
Damaged inlet and outlet
Upgrade likely to be required.
Moderate Condition and Serviceable



S150 - Location Plan



S150 – View to North

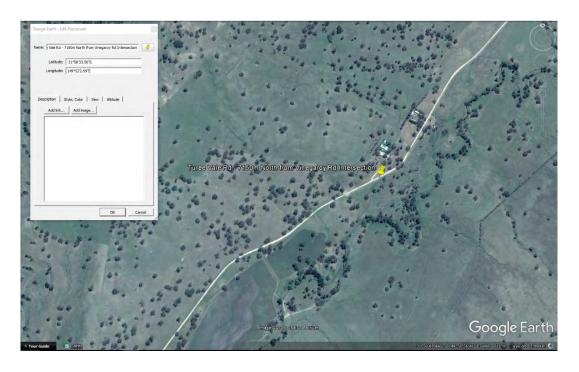


S151 - Turee Vale Rd - 7150m North from Vinegaroy Rd Intersection

Pipe Culvert

Blocked,

Will require Upgrade or maintenance



S151 - Location Plan



S151 - View to North

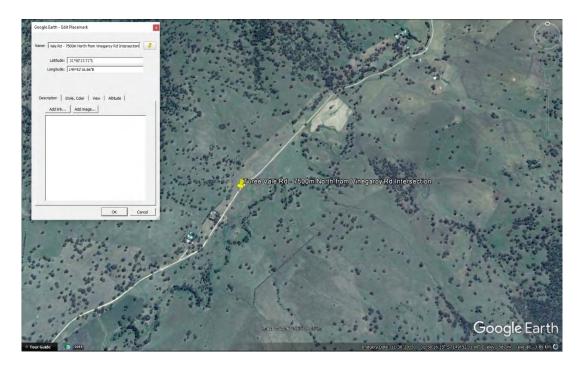




S151 - Blocked Pipe Culvert



S152 – Turee Vale Rd - 7500m North from Vinegaroy Rd Intersection 525mm Pipe Culvert Unknown Condition and Serviceable



S152 - Location Plan



S152 - View to North



S153 - Turee Vale Rd - 7900m North from Vinegaroy Rd Intersection

Causeway, 600mm Pipe Culvert Moderate Condition and Serviceable



S153 - Location Plan



S153 - View to North





S153 – 600mm Pipe Culvert

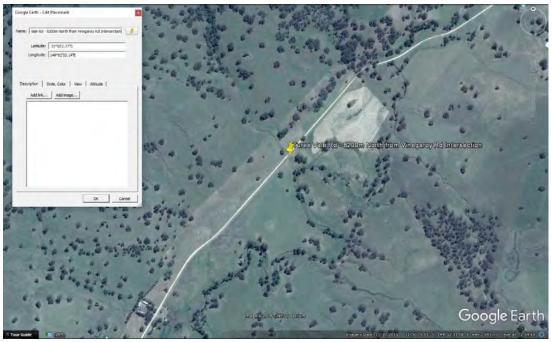


S154 - Turee Vale Rd - 8200m North from Vinegaroy Rd Intersection

Causeway

Poor Condition and Serviceable,

Upgrade likely to be required.



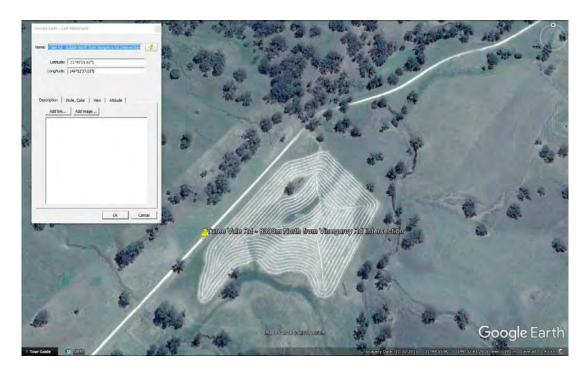
S154 - Location Plan



S154 – View of Causeway, Water damage shown on close side



S155 – Turee Vale Rd - 8300m North from Vinegaroy Rd Intersection 450mm Pipe Culvert Fair Condition and Serviceable



S155 - Location Plan



S155 - View to North



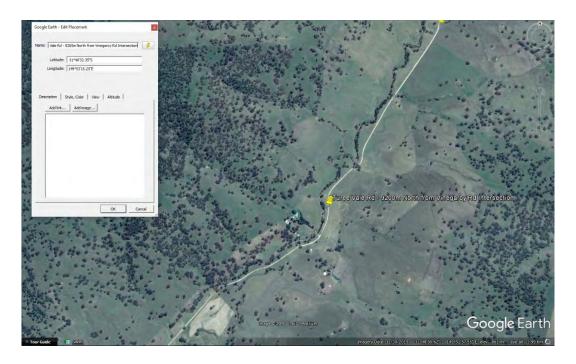


S155 - View over 450mm Pipe Culvert



S156 - Turee Vale Rd - 9200m North from Vinegaroy Rd Intersection Causeway, 1500mm-600mm Reinforced Concrete Box Culvert

Good Condition and Serviceable



S156 - Location Plan

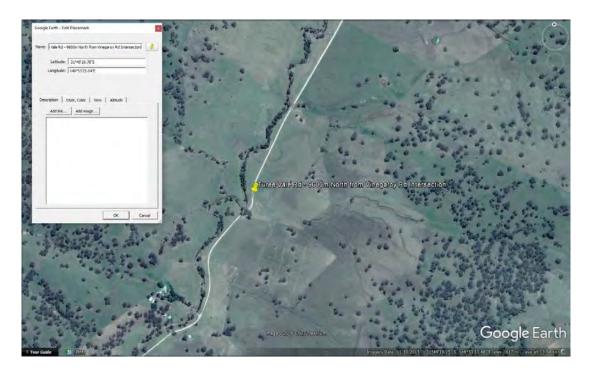


S156 - View to North



S157 - Turee Vale Rd - 9600m North from Vinegaroy Rd Intersection

Causeway, a culvert will be needed for this location Poor Condition and Serviceable



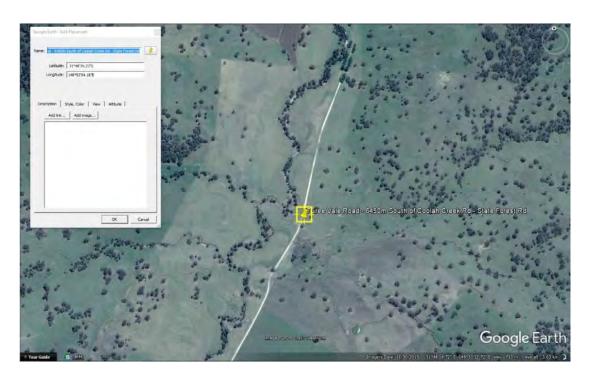
S157 - Location Plan



S157 – View to South Level 2, 39 Sherwood Road Toowong QLD 4066



S158 - Turee Vale Road - 6450m South of Coolah Creek Rd - State Forest RdCauseway, A Culvert will be needed for this location Poor Condition and Serviceable



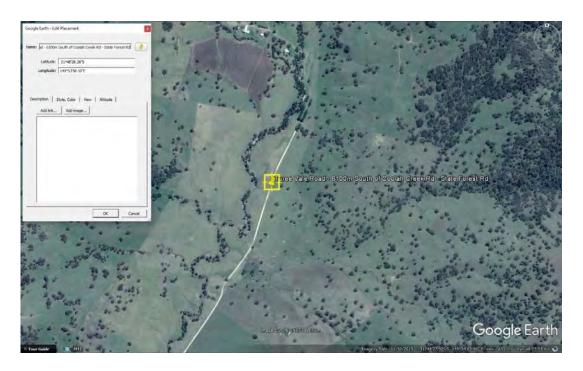
S158 - Location Plan



S158 - View to North



S159 – Turee Vale Road - 6450m South of Coolah Creek Rd - State Forest Rd Causeway, 450mm Pipe Culvert Excellent Condition and Service



S159 - Location Plan



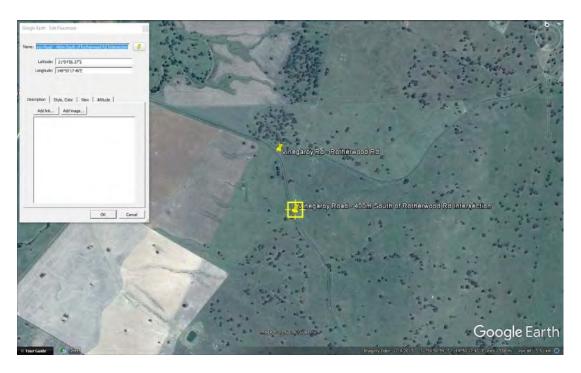
S159 – 450mm Pipe Culvert



S160 - Vinegaroy Road - 400m South of Rotherwood Rd Intersection

450mm Pipe Culvert

Fair Condition and Serviceable, requires maintenance



S160 - Location Plan

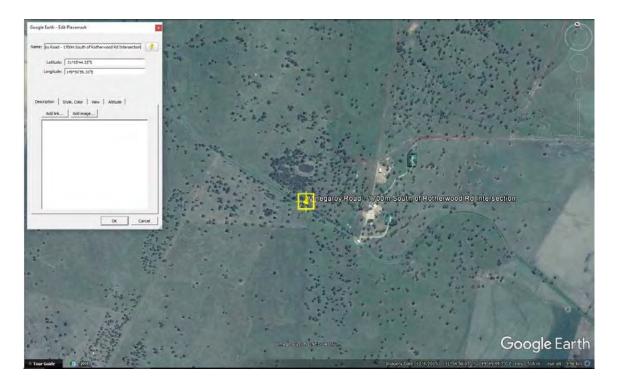


S160 – 450mm Pipe Culvert



S161 - Vinegaroy Road - 1700m South of Rotherwood Rd Intersection

Concrete causeway with bitumen seal Single Span 1500mm Square Reinforced Concrete Box Culvert Good Condition and Serviceable



S161 - Location Plan



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S161 - View to North

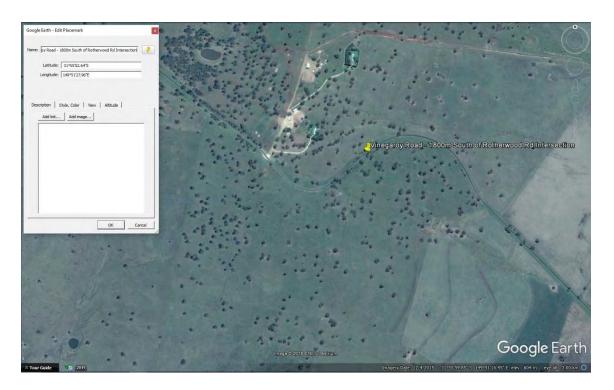


S161 - 1500mm Square Reinforced Concrete Box Culvert



S162 - Vinegaroy Road - 1800m South of Rotherwood Rd Intersection

Concrete culvert
Culvert inaccessible at time of inspection,
Dimensions unknown
Condition unknown



S162- Location Plan





S162- View to West



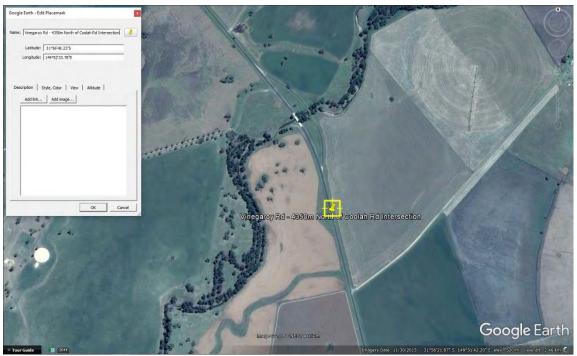
S162- View to Culvert

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S163 – Vinegaroy Rd - 4350m North of Coolah Rd Intersection 600mm Pipe Culvert

Fair Condition and Serviceable



S163 - Location Plan

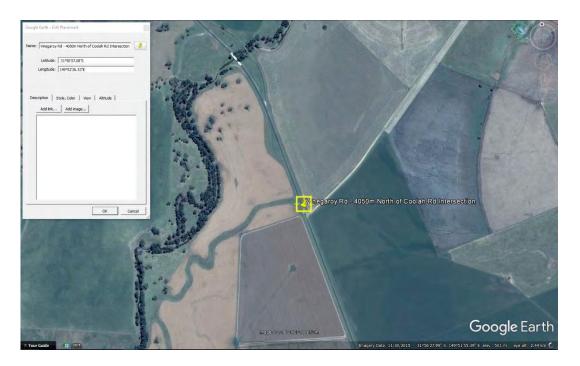


S163 – 600mm Pipe Culvert Level 2, 39 Sherwood Road Toowong QLD 4066



S164 - Vinegaroy Rd - 4050m North of Coolah Rd Intersection

Dual 600mm Pipe Culvert Good Condition and Serviceable



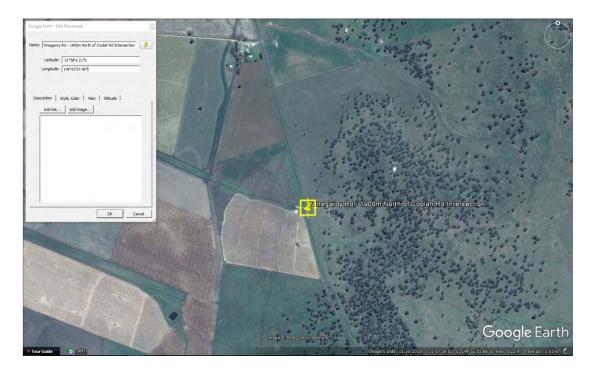
S164 - Location Plan



S164 - Dual 600m Pipe Culvert



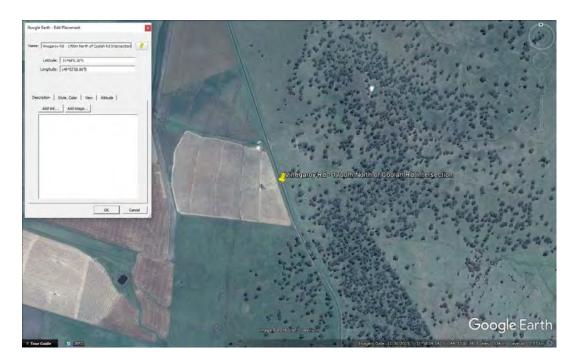
S165 – Vinegaroy Rd - 1900m North of Coolah Rd Intersection 450mm Pipe Culvert, Unknown Condition



S165 - Location Plan



S166 – Vinegaroy Rd - 1700m North of Coolah Rd Intersection 750mm Pipe Culvert Good Condition and Serviceable



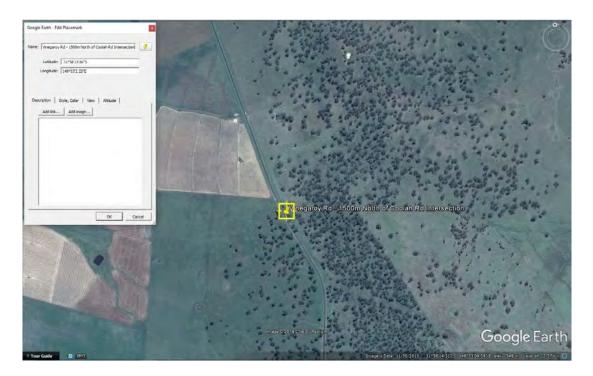
S166 - Location Plan



S166 - 750mm Pipe Culvert



S167 – Vinegaroy Rd - 1500m North of Coolah Rd Intersection 450m Pipe Culvert, No Recent Photos Unknown Condition

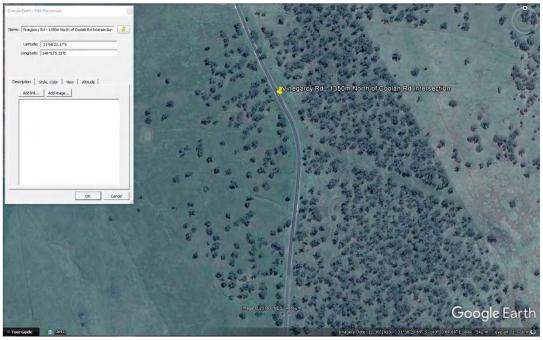


S167 - Location Plan

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S168 – Vinegaroy Rd - 1350m North of Coolah Rd Intersection 450mm Pipe Culvert Fair Condition and Serviceable



S168 - Location Plan

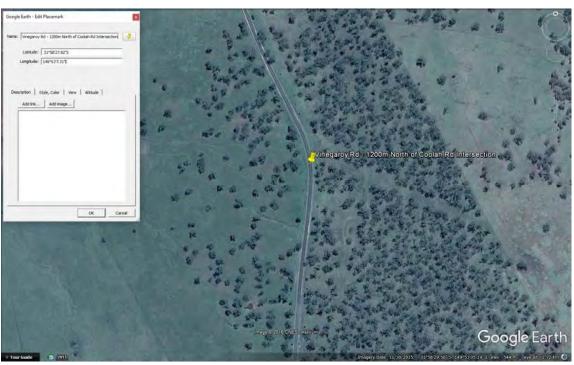


S168 - 450mm Pipe Culvert



S169 – Vinegaroy Rd - 1200m North of Coolah Rd Intersection 450mm Pipe Culvert

Moderate Condition and Serviceable



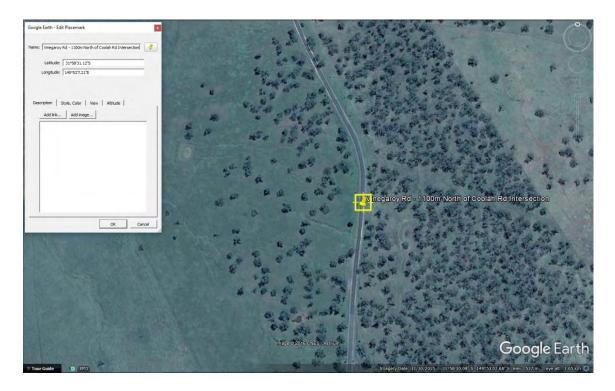
S169 - Location Plan



S169 - 450mm Pipe Culvert Level 2, 39 Sherwood Road Toowong QLD 4066



S170 – Vinegaroy Rd - 1100m North of Coolah Rd Intersection 600mm Pipe Culvert Fair Condition and Serviceable



S170 - Location Plan

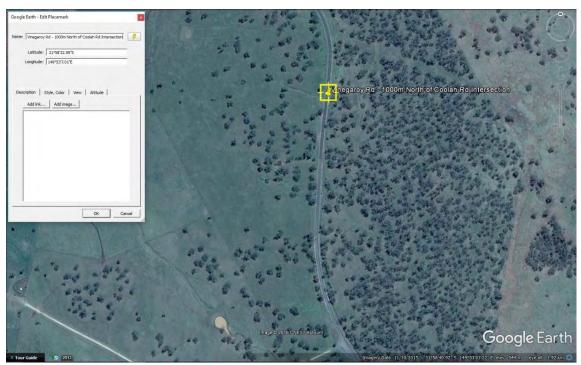


S170 - 600mm Pipe Culvert



S171 - Vinegaroy Rd - 1000m North of Coolah Rd Intersection

Dual 750mm Pipe Culvert Excellent Condition and Serviceable



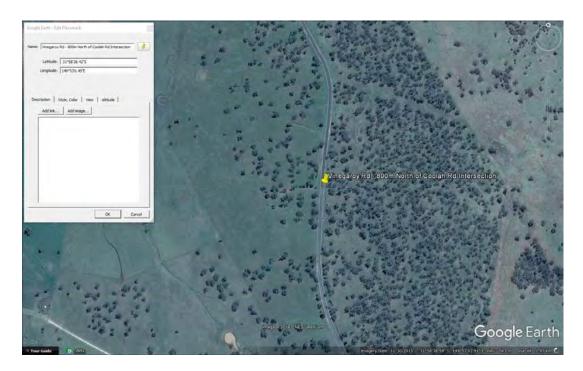
S171 – Location Plan



S171 - Dual 750mm Pipe Culvert



S172 – Vinegaroy Rd - 800m North of Coolah Rd Intersection 600mm Pipe Culvert Fair Condition and Serviceable



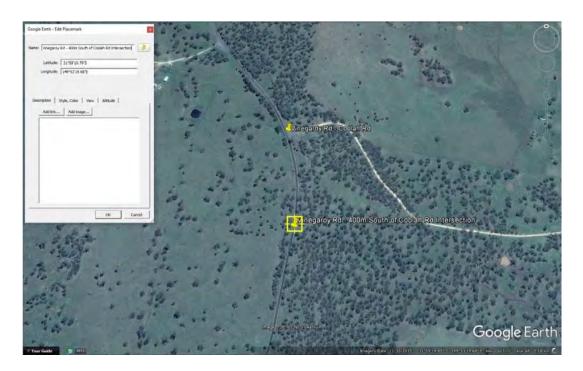
S172 - Location Plan



S172 – 600mm Pipe Culvert



S173 – Vinegaroy Rd - 400m South of Coolah Rd Intersection 300mm Pipe Culvert Fair Condition and Serviceable



S173 - Location Plan



S173 – 300mm Pipe Culvert

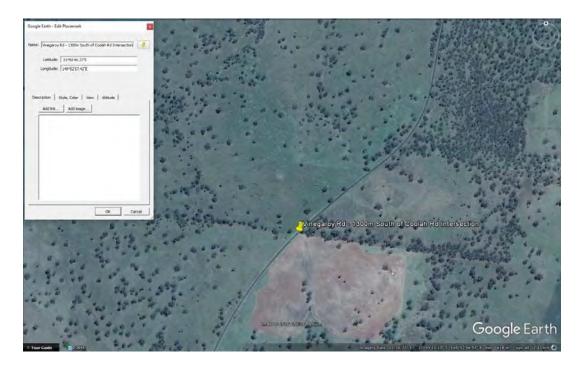


S174 - Vinegaroy Rd - 1300m South of Coolah Rd Intersection

450mm Pipe Culvert

Moderate Condition and Serviceable,

Inaccessible at time of inspection, requires maintenance



S174 - Location Plan



S174 – Top View of Culvert 450mm Pipe Culvert
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www.icubed.com.au



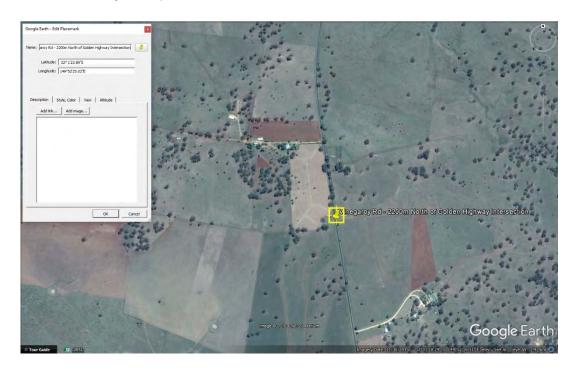


S174 – 450mm Pipe Culvert



S175 – Vinegaroy Rd - 2200m North of Golden Highway Intersection 450mm Pipe Culvert Moderate Condition and Serviceable,

Maintenance may be required



S175 - Location Plan



S175 – 450mm Pipe Culvert

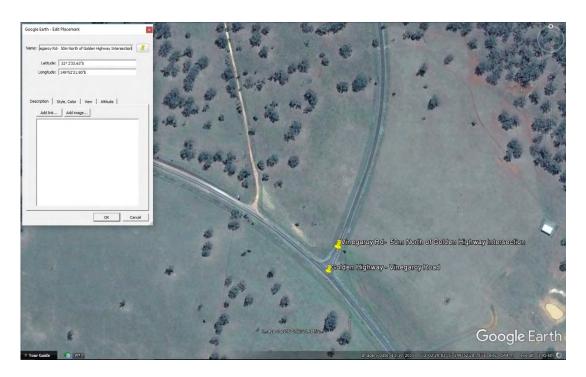




S175 - Retention Pond



S176 – Vinegaroy Rd- 50m North of Golden Highway Intersection 1050mm Pipe Culvert Good Condition and Serviceable



S176 - Location Plan

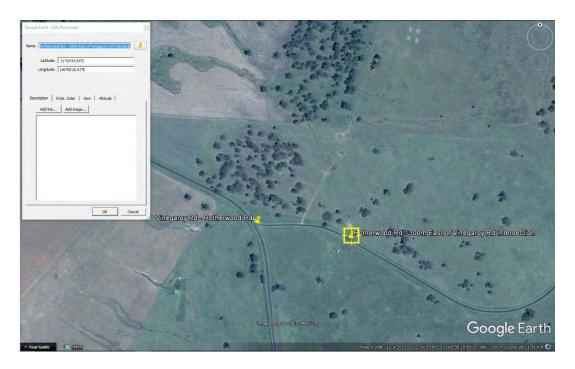


S176 - 1050mm Pipe Culvert



S177 - Rotherwood Rd - 300m East of Vinegaroy Rd Intersection

Pipe Culvert of Unknown Dimensions Inaccessible at time of inspection Condition Unknown



S177 - Location Plan

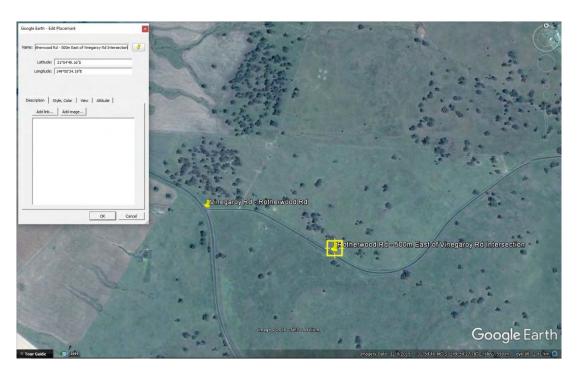


S177 – View to West Level 2, 39 Sherwood Road Toowong QLD 4066



S179 - Rotherwood Rd - 500m East of Vinegaroy Rd Intersection

Pipe Culvert of unknown Dimensions Condition Unknown



S179 - Location Plan

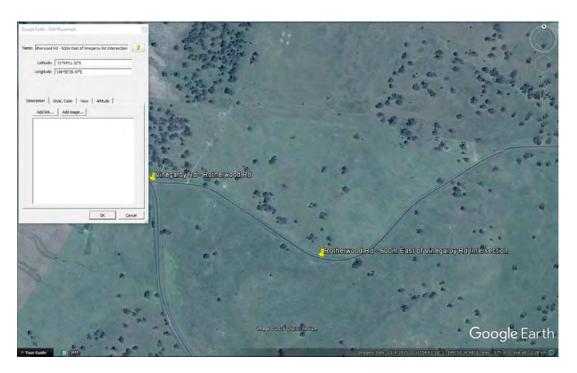


S179 – View to West



S180 - Rotherwood Rd - 600m East of Vinegaroy Rd Intersection

Pipe Culvert of unknown Dimensions Condition Unknown



S180 - Location Plan

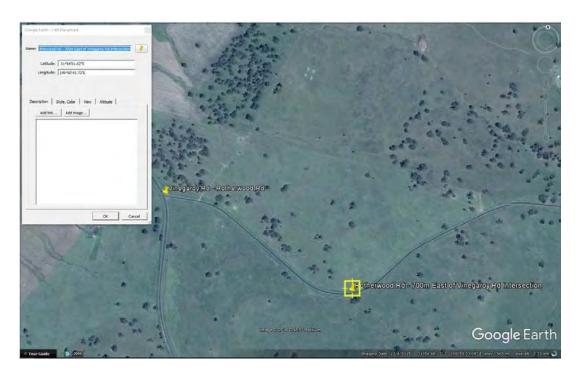


S180 - View of Culvert



S181 – Rotherwood Rd - 700m East of Vinegaroy Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition



S181 - Location Plan



S181 – Water damage on Road





S181 - View towards Culvert



S182 - Rotherwood Rd - 700m East of Vinegaroy Rd Intersection

Pipe Culvert of Unknown Dimensions Condition Unknown



S182 - Location Plan

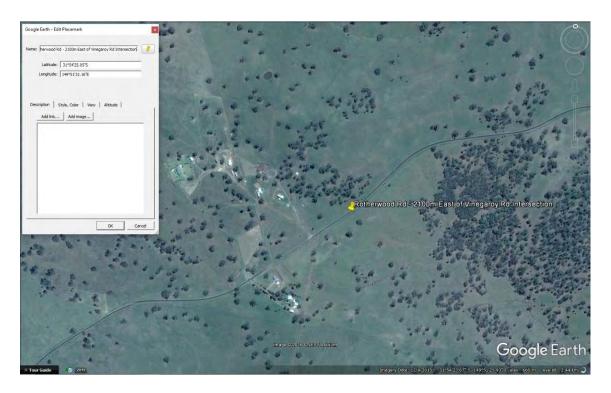


S182 - View to West



183 - Rotherwood Rd - 2100m East of Vinegaroy Rd Intersection

Pipe Culvert of Unknown Dimension Unknown Condition



S183 - Location Plan



S184 – Rotherwood Rd - 2250m East of Vinegaroy Rd Intersection 750mm Pipe Culvert Fair Condition and Serviceable



S184 - Location Plan



S184 - 750mm Pipe Culvert





S184 – View to East



S184 – 750mm Pipe Culvert

Level 2, 39 Sherwood Road Toowong QLD 4066



S185 – Rotherwood Rd - 2400m East of Vinegaroy IntersectionPipe Culvert of Unknown Dimensions

Unknown Condition



S185 - Location Plan

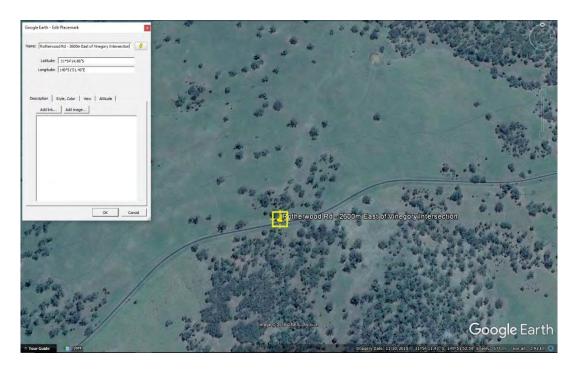


S185 - View to East



S186 - Rotherwood Rd - 2400m East of Vinegaroy Intersection

750mm Pipe Culvert with cracked headwall Moderate Condition and Serviceable



S186 - Location Plan



S186 - View to East



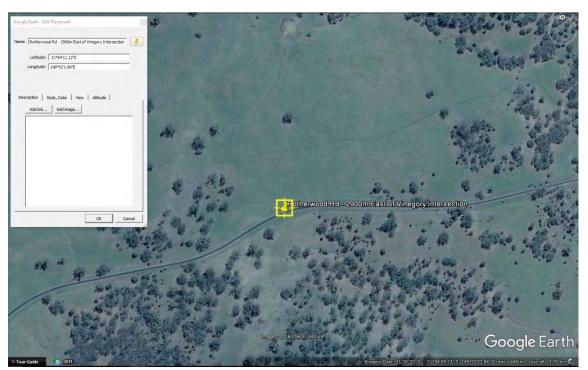


S186 - 750mm Pipe Culvert with cracked headwall



S187 - Rotherwood Rd - 2900m East of Vinegaroy Intersection

Approximately 750mm Pipe Culvert Fair Condition and Serviceable



S187 - Location Plan

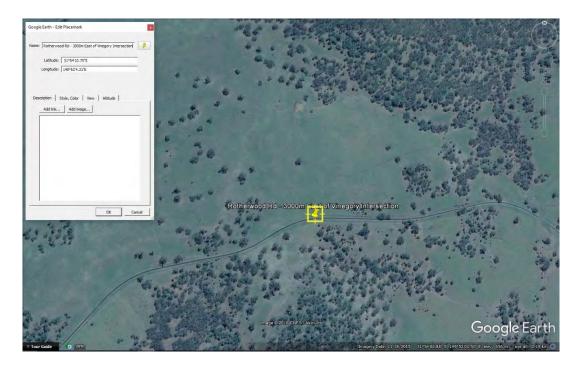


S187 - 750mm Pipe Culvert



S188 – Rotherwood Rd - 3000m East of Vinegaroy IntersectionPipe Culvert of Unknown Dimensions

Unknown Condition



S188 - Location Plan

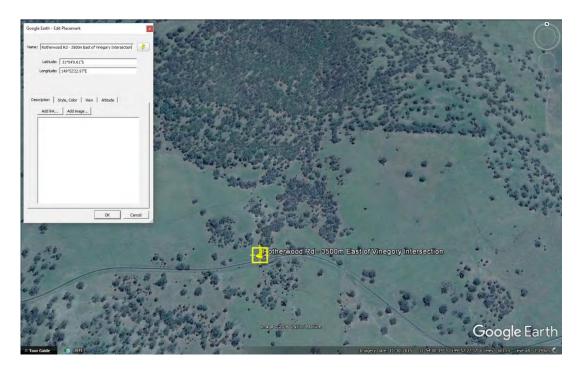


S188 - View to East



S189 – Rotherwood Rd - 3000m East of Vinegaroy IntersectionDual 375mm Pipe Culvert

Fair Condition and Serviceable



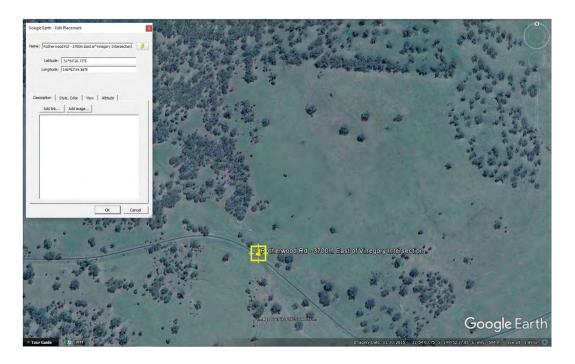


S189 - View to West



S190 - Rotherwood Rd - 3700m East of Vinegaroy Intersection

4-1200mm-900mm Reinforced Concrete Box Culvert



S190 - Location Plan



S190 - View to East

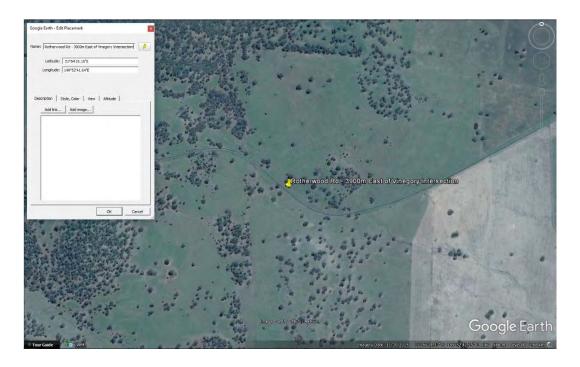




S190 - 4-1200mm-900mm Reinforced Concrete Box Culvert



S191 – Rotherwood Rd - 3900m East of Vinegaroy Intersection 450mm Pipe Culvert Fair Condition and Serviceable



S191 - Location Plan

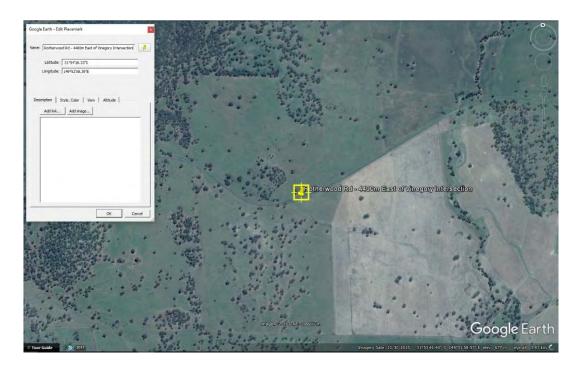


S191 - 450mm Pipe Culvert



S192 – Rotherwood Rd - 4400m East of Vinegaroy Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition

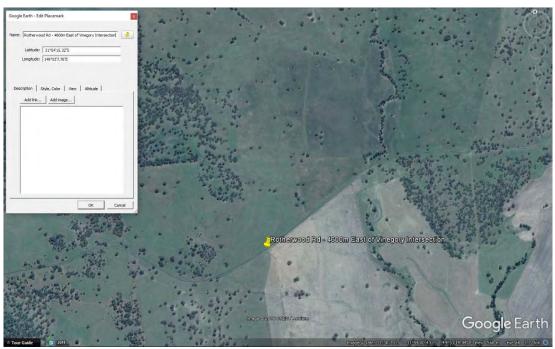


S192 - Location Plan



S193 – Rotherwood Rd - 4400m East of Vinegaroy Intersection 450mm Pipe Culvert

Fair Condition and Serviceable



S193 - Location Plan



S193 – 450mm pipe culvert



S193a – Rotherwood Rd - 3400m West of Yarrawonga Rd 675mm Pipe Culvert Good Condition and Serviceable



S193a - Location Plan



S193a – View to East





S193a - 675mm Pipe Culvert



S194 – Rotherwood Rd - 3100m West of Yarrawonga Rd 600mm Pipe Culvert

Moderate Condition and Serviceable



S194 – Location Plan



S194 – 600mm Pipe Culvert



S195 – Rotherwood Rd - 2200m West of Yarrawonga Rd 600mm Pipe Culvert Fair Condition and Serviceable

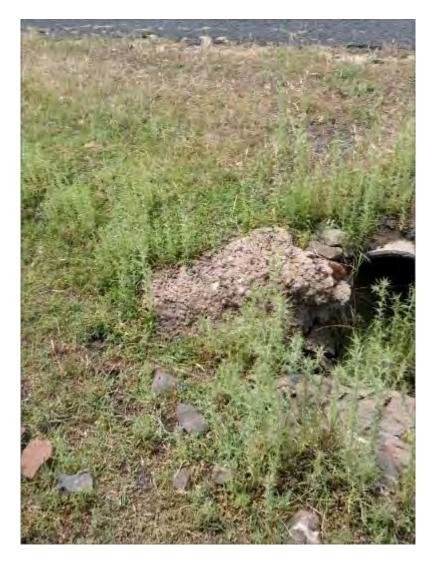


S195 - Location Plan



S195 - View to East



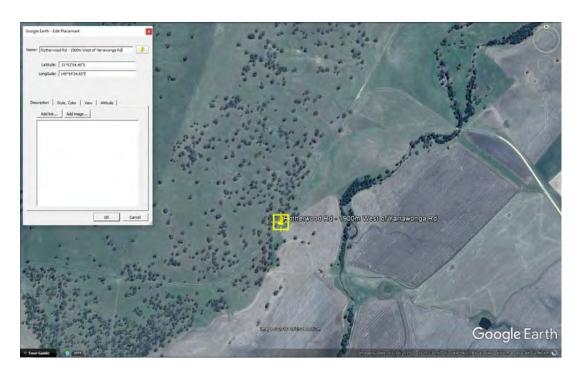


S195 – 600mm Pipe Culvert



S196 - Rotherwood Rd - 1900m West of Yarrawonga Rd

Dual -525mm Pipe Culvert Fair Condition and Serviceable



S196 - Location Plan



S196 - View to North



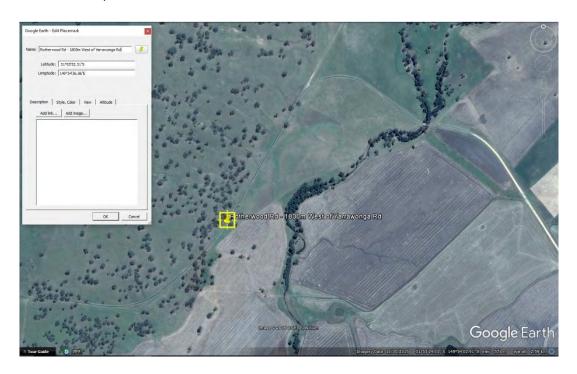


S196 - Dual -525mm Pipe Culvert



S197 - Rotherwood Rd - 1800m West of Yarrawonga Rd

A Culvert is required for this location



S197 - Location Plan

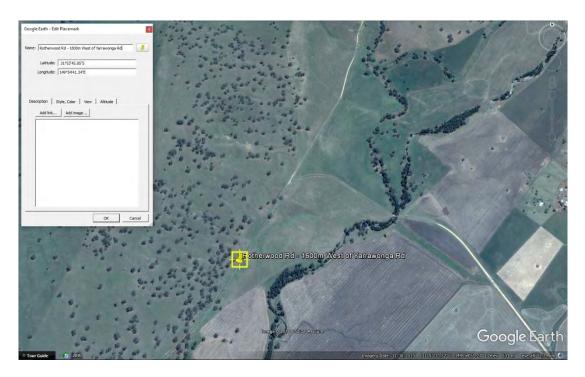


S197 - View to North



S198 - Rotherwood Rd - 1600m West of Yarrawonga Rd

A Culvert is required for this location



S198 - Location Plan



S198 - View to North



S199 - Rotherwood Rd - 1550m West of Yarrawonga Rd

Dual – 600mm Pipe Culvert - Broken Poor Condition and Serviceable, Upgrade likely required.



S199 - Location Plan



S199 - 600mm Pipe Culvert broken





S200 – Rotherwood Rd - 1550m West of Yarrawonga RdDual – 600mm Pipe Culvert, Condition Unknown



S200 - Location Plan

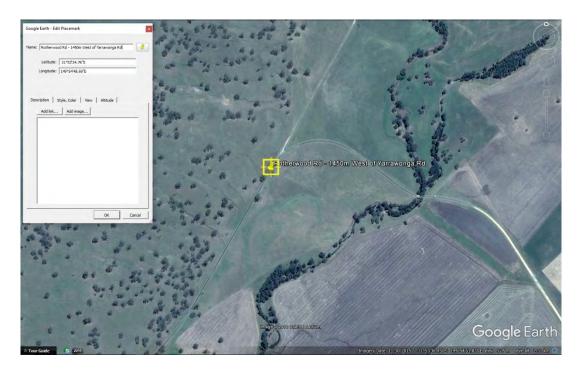


S200 - View to North



S201 - Rotherwood Rd - 1450m West of Yarrawonga Rd 600mm Pipe Culvert including Grid,

Poor Condition and Serviceable, may require upgrade



S201 - Location Plan



S201 - View to North, Location of Culvert Shown at Top Right of Image





S201 – Road badly damaged at Location, Rutting and Extreme Cracking shown above, also signs of Stripping



S202 - Rotherwood Rd - 1450m West of Yarrawonga Rd

Bitumen floodway, Upgrade required Poor Condition and Serviceable



S202 - Location Plan



S202 - View to East





S202 – Evidence of Floodway



S203 – Rotherwood Rd - 1150m West of Yarrawonga RdBitumen floodway Road in Poor Condition,

Upgrade required



S203 - Location Plan



S203 - View to East





S203 – Damage on Road due to Floodway



S204 - Rotherwood Rd - 1000m West of Yarrawonga Rd

Bitumen floodway Road is in poor condition, Upgrade required



S204 - Location Plan

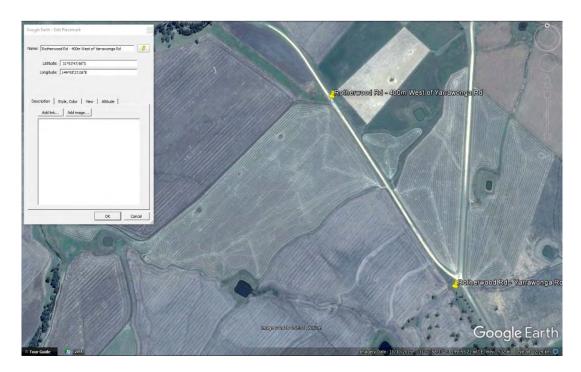


S204 - View to East

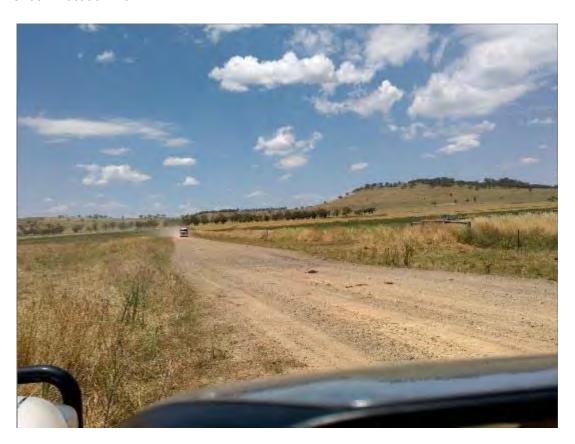


S205 - Rotherwood Rd - 400m West of Yarrawonga Rd

Floodway Poor Condition, Upgrade likely required



S205 - Location Plan



S205 – View to South Level 2, 39 Sherwood Road Toowong QLD 4066

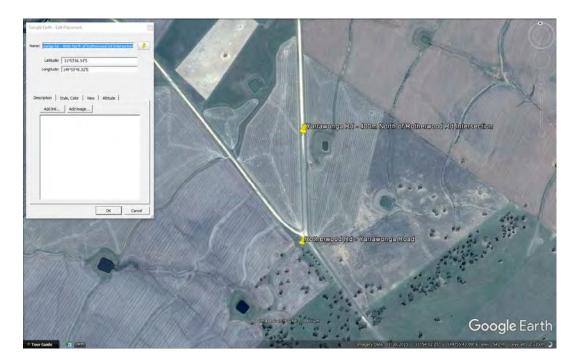




S205 – View of Floodway



S206 – Yarrawonga Rd - 400m North of Rotherwood Rd Intersection Culvert blocked, Dimensions Unknown



S206 - Location Plan



S206 - Location Plan





S206 - Culvert shown top of Image



S207 – Yarrawonga Rd - 800m North of Rotherwood Rd Intersection 4-450mm Pipe Culvert

Fair Condition and Serviceable



S207 - Location Plan



S207 - Yarrawonga Rd - 400m North of Rotherwood Rd Intersection



S208 – Yarrawonga Rd - 1000m North of Rotherwood Rd IntersectionPipe Culvert of Unknown Dimension, Unknown Condition



S208 - Location Plan



S208 - View towards culvert



S209 - Yarrawonga Rd - 1400m North of Rotherwood Rd Intersection

Pipe Culvert is blocked

Poor Condition and Serviceable, will require maintenance or alternatively upgrade



S209 - Location Plan



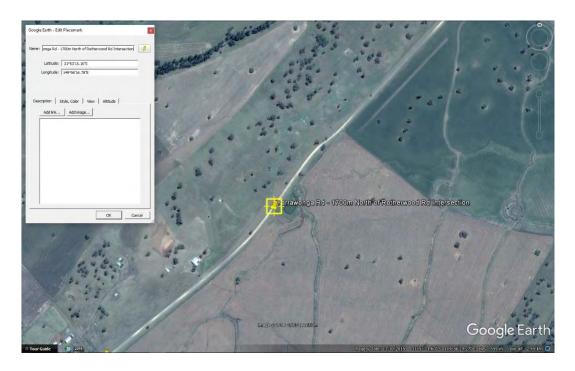
S209 - Blocked Pipe Culvert



S210 - Yarrawonga Rd - 1700m North of Rotherwood Rd Intersection

Blocked Pipe Culvert,

Unknown Condition, will require maintenance



S210 - Location Plan



S210 - View to North



S211 - Yarrawonga Rd - 1800m North of Rotherwood Rd Intersection

Blocked Pipe Culvert, no photo of culvert Unknown Condition, may require maintenance or upgrade



S211 - Location Plan



S211 - View to North



S212 - Yarrawonga Rd - 1800m North of Rotherwood Rd Intersection

Blocked pipe culvert,

Condition Unknown,

Will require maintenance or upgrade



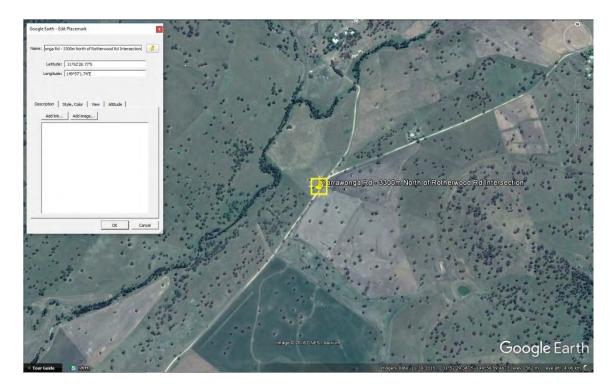
S212 - Location Plan



S212 - Blocked Culvert at bottom of image



S213 - Yarrawonga Rd - 3300m North of Rotherwood Rd IntersectionNeed culvert for this Location



S213 - Location Plan



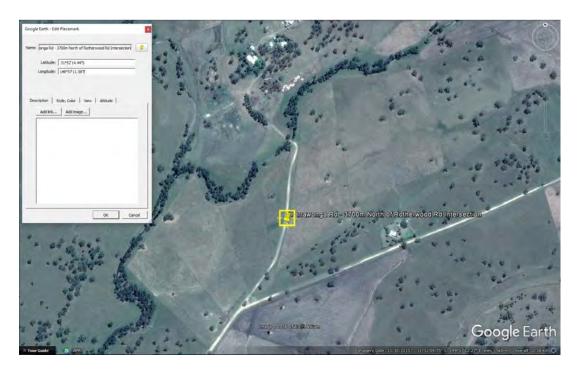
S213 - Water Damage on Road



S214 - Yarrawonga Rd - 3700m North of Rotherwood Rd Intersection

Blocked Pipe Culvert,

Condition Unknown, will require maintenance or upgrade



S214 - Location Plan



S214 - View to North



S215 - Yarrawonga Rd - 3900m North of Rotherwood Rd Intersection

Blocked Pipe Culvert

Poor Condition, will likely require maintenance or upgrade



S215 - Location Plan



S215 - Blocked Pipe Culvert



S216 - Rotherwood Rd - 300m South of Yarrawonga Intersection

Blocked 450mm Pipe Culvert Poor Condition and Serviceable



S216 - Location Plan



S216 - Blocked 450mm Pipe Culvert

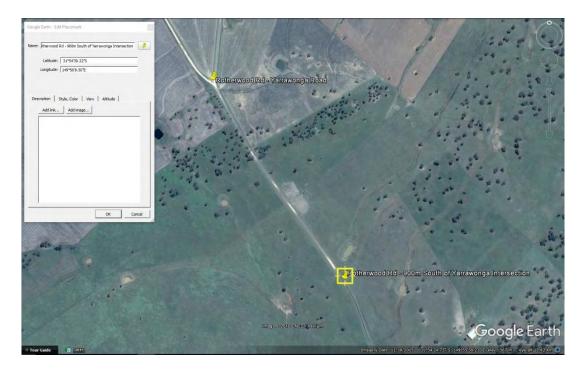




S216 - View to South, Causeway down to Sub-Base Material



S217 – Rotherwood Rd - 900m South of Yarrawonga Intersection 450mm Pipe Culvert Fair Condition and Serviceable



S217 - Location Plan

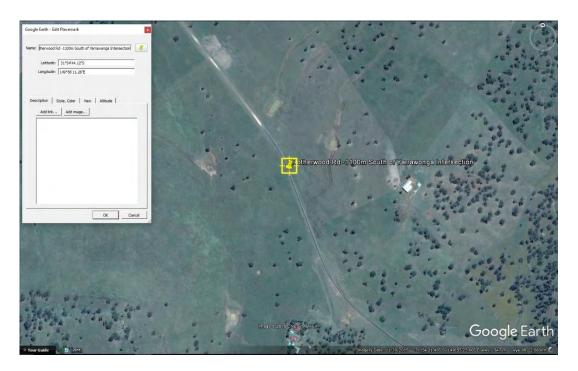


S217 – 450mm Pipe Culvert





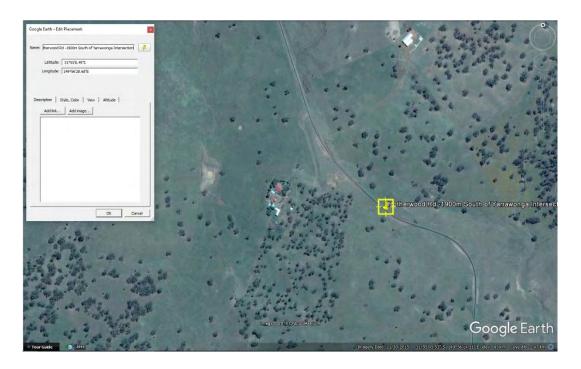
S218 – Rotherwood Rd - 900m South of Yarrawonga Intersection 450mm Pipe Culvert, Unknown Condition



S218 - Location Plan



S219 – Rotherwood Rd -1900m South of Yarrawonga Intersection 600mm Pipe Culvert Good Condition and Serviceable



S219 - Location Plan

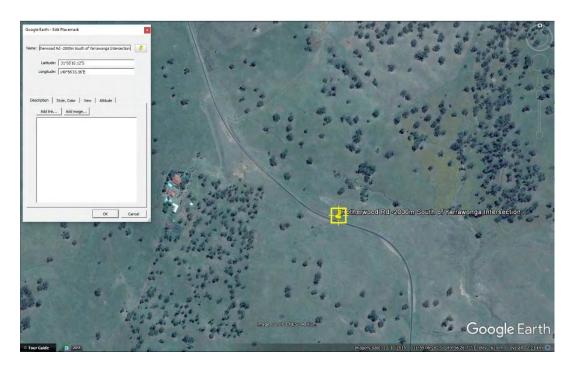


S219 – 600mm Pipe Culvert



S220 – Rotherwood Rd -2000m South of Yarrawonga Intersection 675mm Pipe Culvert

Good Condition and Serviceable



S220 - Location Plan



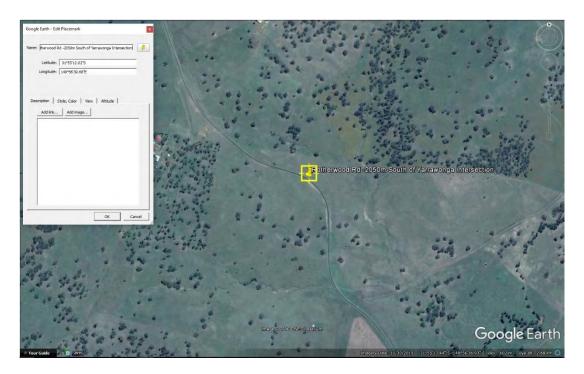
S220 - 675mm Pipe Culvert Level 2, 39 Sherwood Road Toowong QLD 4066



S221 - Rotherwood Rd -2050m South of Yarrawonga Intersection

450mm Pipe Culvert

Moderate Condition and Serviceable, may require maintenance



S221 - Location Plan



S221 – View to North



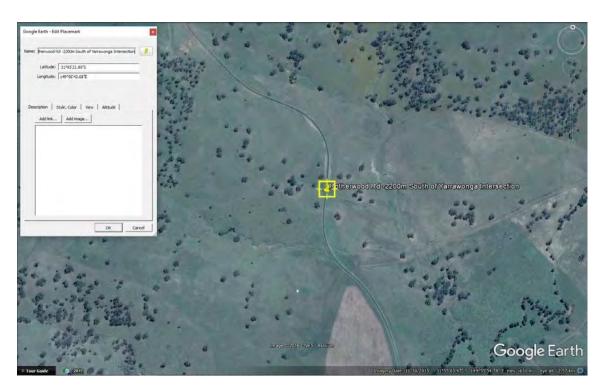


S221 - 450mm Pipe Culvert

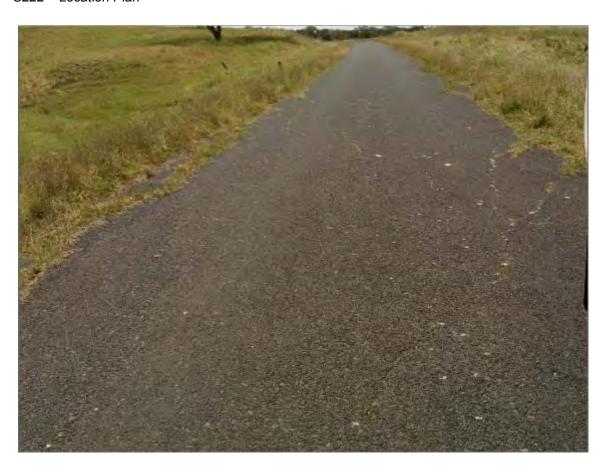


S222 - Rotherwood Rd -2050m South of Yarrawonga Intersection

Pipe Culvert of Unknown Dimensions Condition Unknown



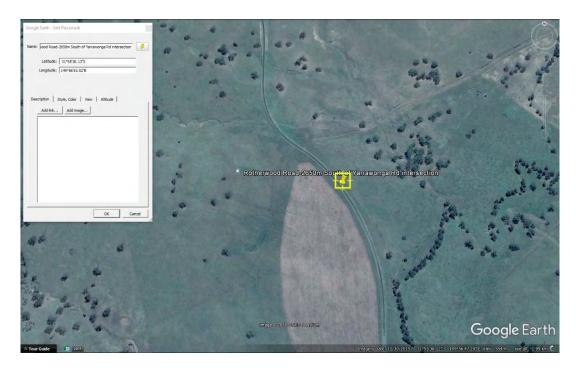
S222 - Location Plan



S222 – View to South
Level 2, 39 Sherwood Road mail@icubed.com.au P: 07 3870 8888 Toowong QLD 4066
www.icubed.com.au



S223 – Rotherwood Road-2650m South of Yarrawonga Rd intersection No Pipe culvert



S223 - Location Plan



S223 - View to South

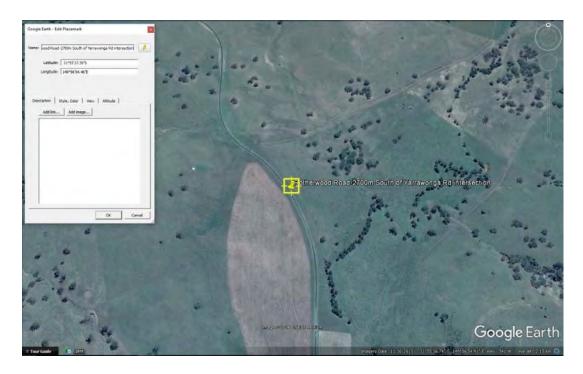




S223 – Road has signs of cracking and it being overgrown



S224 - Rotherwood Road-2700m South of Yarrawonga Rd Intersection 450mm Pipe Culvert Good Condition and Serviceable



S224 - Location Plan

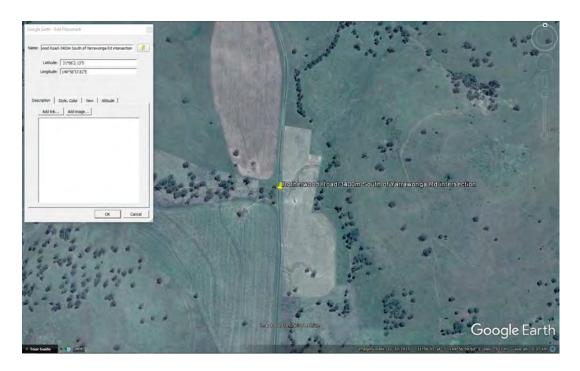


S224 - 450mm Pipe Culvert



S226 - Rotherwood Road-3400m South of Yarrawonga Rd intersection

Dual -900mm Pipe Culvert with scoured headwall Fair Condition and Serviceable



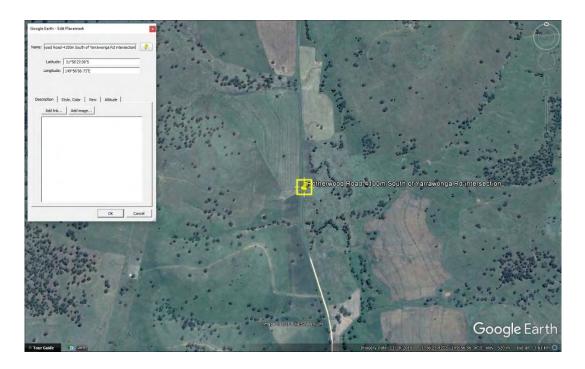
S226 - Location Plan



S226 - Dual -900mm Pipe Culvert with scoured headwall



S227 – Rotherwood Road-4100m South of Yarrawonga Rd intersection 375mm Pipe Culvert Fair Condition and Serviceable



S227 - Location Plan



S227 – 375mm Pipe Culvert







S227 - View to North



S228 - Rotherwood Road-4300m South of Yarrawonga Rd intersection

Dual – 750mm Pipe Culvert Fair Condition and Serviceable



S228 - Location Plan

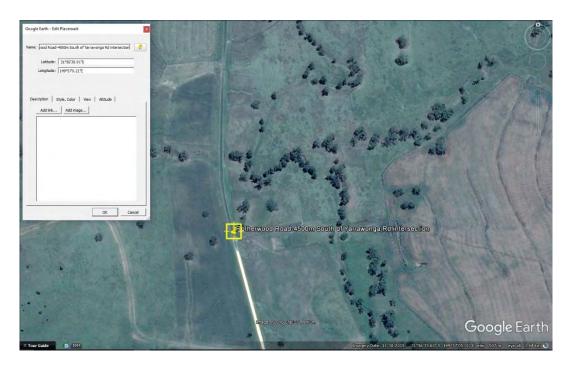


S228 - Dual - 750mm Pipe Culvert



S229 – Rotherwood Road-4500m South of Yarrawonga Rd intersection End of bitumen seal,

Pipe Culvert needed for this location as there are a number of potholes due to water damage



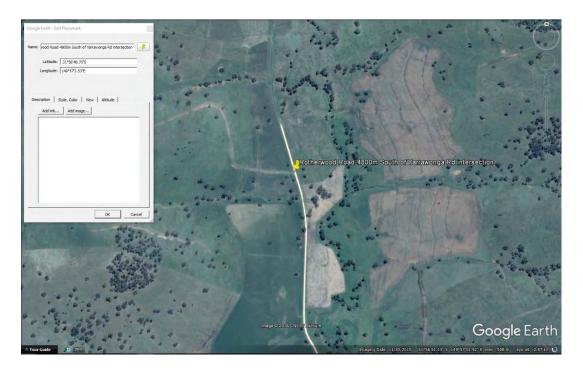
S229 - Location Plan



S229 - View to South



S230 – Rotherwood Road-4800m South of Yarrawonga Rd intersection 450mm Pipe Culvert Fair Condition and Serviceable



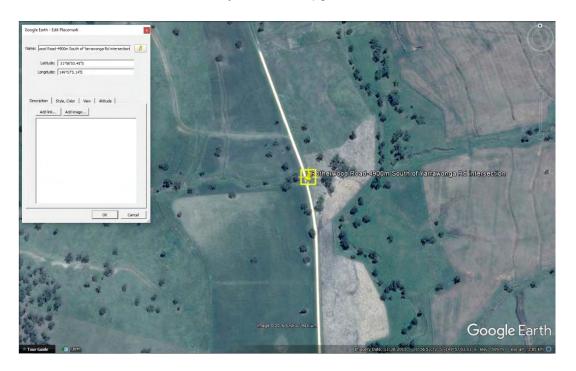
S230 - Location Plan



S231 - Rotherwood Road-4900m South of Yarrawonga Rd intersection

Causeway

Poor Condition and Serviceable, may need to be upgraded



S231 - Location Plan



S231 - View to South



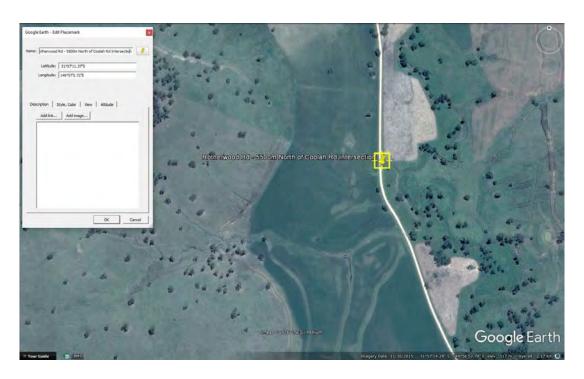


S231 – Causeway with damages



S231a – Rotherwood Rd - 5500m North of Coolah Rd Intersection 525mm Pipe Culvert

Fair Condition and Serviceable



S231a - Location Plan

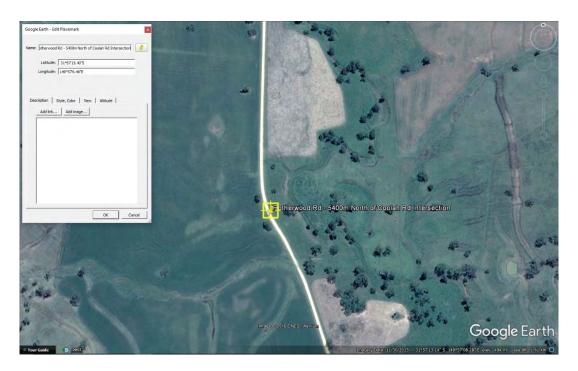


S231a – 525mm Pipe Culvert



S232 - Rotherwood Rd - 5400m North of Coolah Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Conditions



S232 - Location Plan



S232 - Road in poor condition







S232 - View to North and towards Location



S233 - Rotherwood Rd - 5300m North of Coolah Rd Intersection

Causeway, may require upgrade Poor Condition and Serviceable,



S233 - Location Plan



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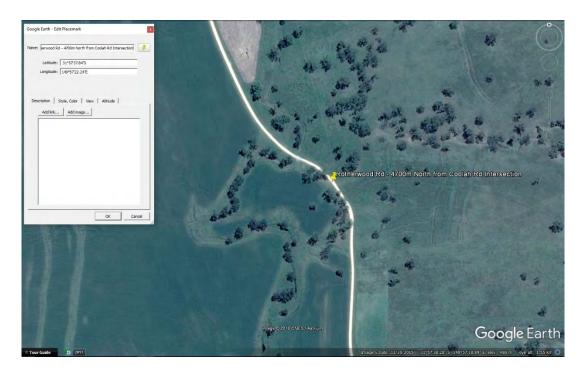


S233 - Causeway in Poor Condition



S234 - Rotherwood Rd - 4700m North from Coolah Rd Intersection

Pipe Culvert of unknown dimensions Moderate Condition and Serviceable



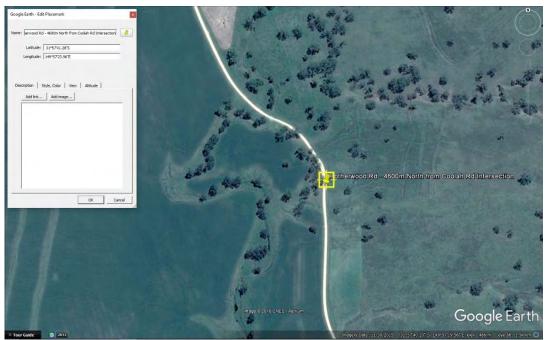
S234 - Location Plan



S234 - View to North



S235 – Rotherwood Rd - 4600m North from Coolah Rd Intersection 600mm Pipe Culvert Moderate Condition and Serviceable



S235 - Location Plan

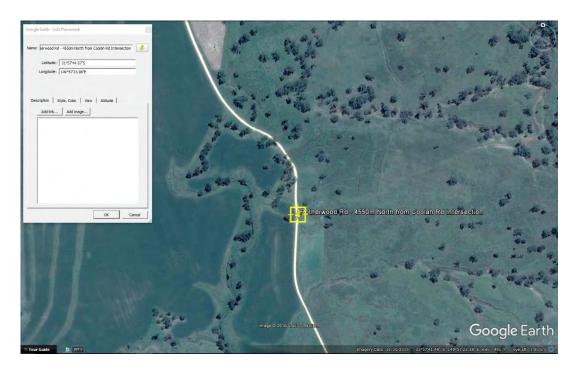


S235 - 600mm Pipe Culvert



S236 - Rotherwood Rd - 4600m North from Coolah Rd Intersection

450mm Pipe Culvert, Small crack on headwall Moderate Condition and Serviceable



S236 - Location Plan



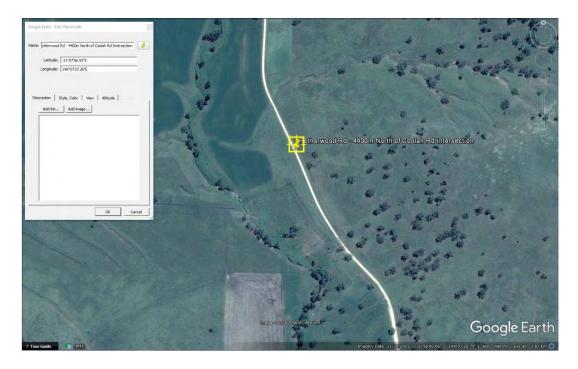
S236 – 450mm Pipe Culvert



S237 - Rotherwood Rd - 4400m North of Coolah Rd Intersection

Pipe Culvert of Unknown Dimensions

Poor Condition and Serviceable, Culvert is overgrown may require maintenance or upgrade



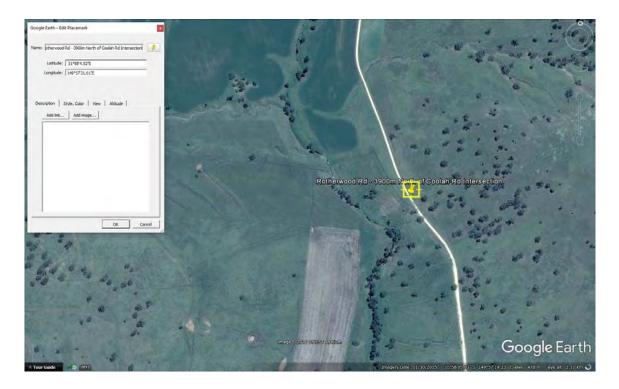
S237 - Location Plan



S237 - Overgrown Culvert on Right Side of image



S238 – Rotherwood Rd - 3900m North of Coolah Rd Intersection 750mm Pipe Culvert Good Condition and Serviceable



S238 - Location Plan



S238 – 750mm Pipe Culvert Level 2, 39 Sherwood Road Toowong QLD 4066



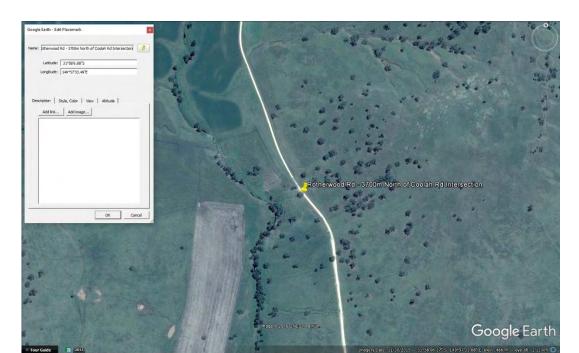


S238 - View to South



S239 - Rotherwood Rd - 3700m North of Coolah Rd Intersection

525mm Pipe Culvert Fair Condition and Serviceable



S239 - Location Plan



S239 - View to South





S239 - 525mm Pipe Culvert



S240 - Rotherwood Rd - 3600m North of Coolah Rd Intersection

Pipe Culvert of Unknown Dimensions Moderate Condition and Serviceable



S240 - Location Plan

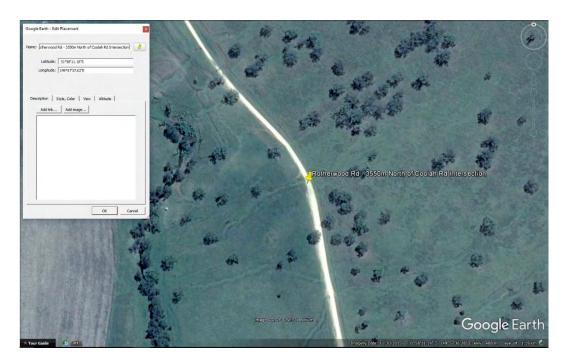


S240 – Pipe Culvert Top Right of Image Level 2, 39 Sherwood Road <u>mai</u> Toowong QLD 4066 www



S241 - Rotherwood Rd - 3550m North of Coolah Rd Intersection

Pipe Culvert of Unknown Dimensions Moderate Condition and Serviceable



S241 - Location Plan



S241 - View to South



S242 - Rotherwood Rd - 2900m North of Coolah Rd Intersection

Pipe Culvert of Unknown Dimensions, Culvert is overgrown Moderate Condition and Serviceable, may require some maintenance



S242 - Location Plan



S242 - View to

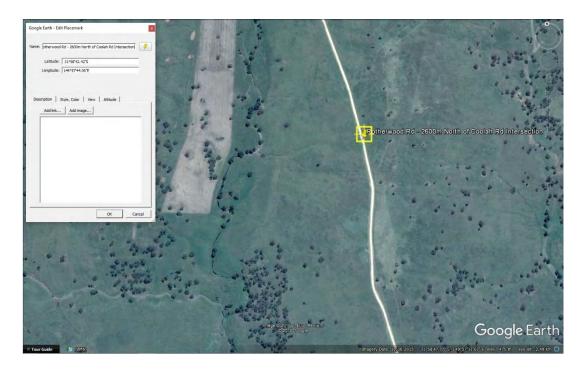




S242 – Overgrown Culvert



S243 – Rotherwood Rd - 2600m North of Coolah Rd Intersection Blocked Pipe Culvert, Moderate Condition



S243 - Location Plan



S243 – View to South





S243 - Blocked Pipe Culvert



S244 – Rotherwood Rd - 2100m North of Coolah Rd Intersection 450mm Pipe Culvert, Unknown Condition



S244 - Location Plan



S244 – View to South



S245 - Rotherwood Rd - 2100m North of Coolah Rd Intersection

Blocked Pipe Culvert of unknown Dimensions Poor Condition, may require Maintenance or Upgrade



S245 - Location Plan



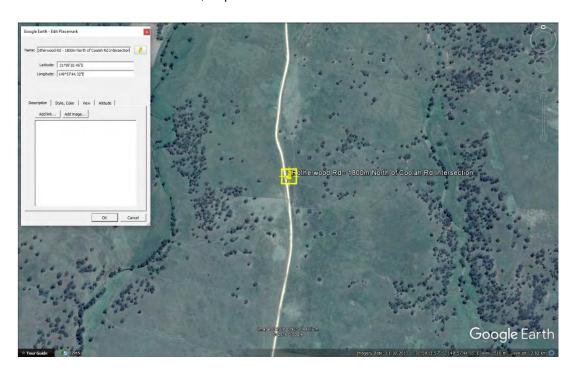
S245 - Blocked Pipe Culvert



S246 - Rotherwood Rd - 1800m North of Coolah Rd Intersection

Blocked Pipe Culvert

Poor Condition and Serviceable, requires maintenance



S246 - Location Plan



S246 - View to South



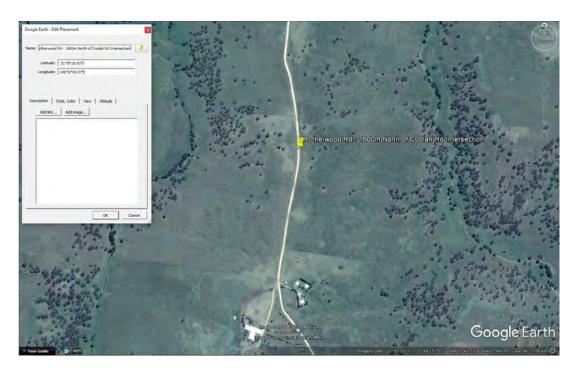


S246 - Blocked Pipe Culvert



S246a - Rotherwood Rd - 1600m North of Coolah Rd Intersection

450mm Pipe Culvert, no photo of culvert Unknown Condition



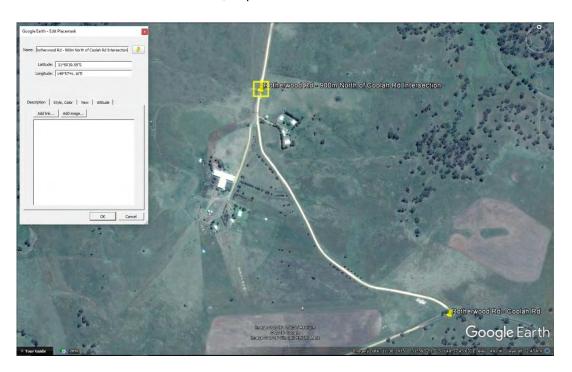
S246a - Location Plan



S247 - Rotherwood Rd - 900m North of Coolah Rd Intersection

450mm Pipe Culvert

Moderate condition and serviceable, requires maintenance.



S247 - Location Plan



S247 - View to South





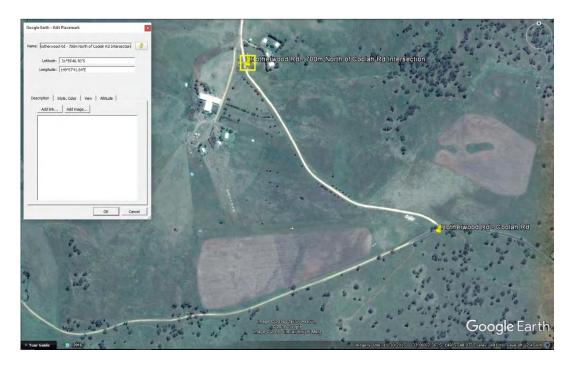
S247 – 450mm Pipe Culvert





S248 - Rotherwood Rd - 700m North of Coolah Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition



S248 - Location Plan



S249 - Rotherwood Rd - 500m North of Coolah Rd Intersection

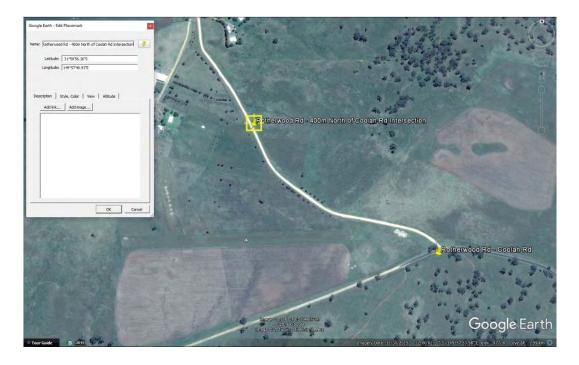
Pipe Culvert of Unknown Dimensions Unknown Condition



S249 - Location Plan

S250 - Rotherwood Rd - 400m North of Coolah Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition



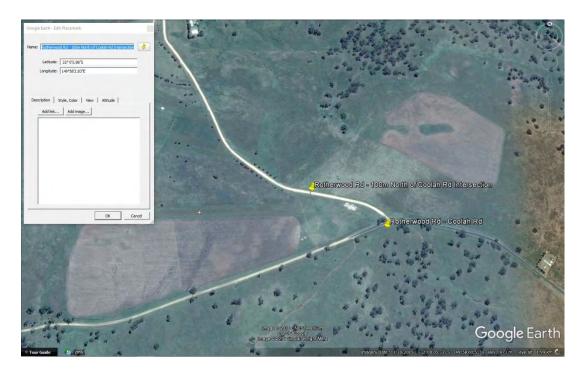
S250 - Location Plan





S251 - Rotherwood Rd - 100m North of Coolah Rd Intersection

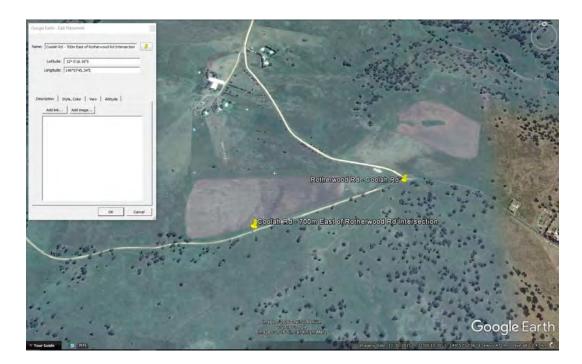
Pipe Culvert of Unknown Dimensions, no photo of culvert Conditions Unknown



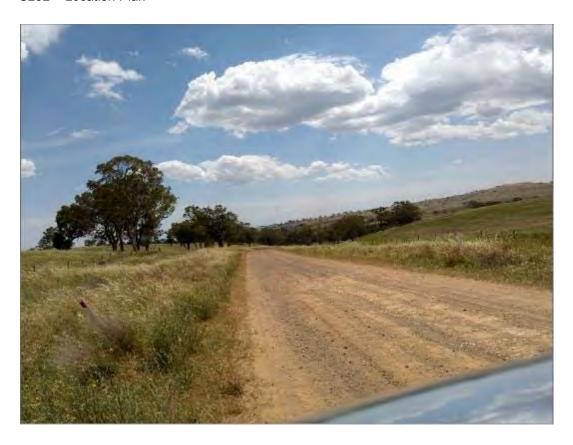
S251 - Location Plan



S252 – Coolah Rd - 700m East of Rotherwood Rd Intersection 600mm Pipe Culvert Condition Unknown



S252 - Location Plan



S252 - View to East



S253 – Coolah Rd - 1000m East of Rotherwood Rd Intersection 750mm Pipe Culvert Condition Unknown



S253 - Location Plan



S253 - View in the direction of Culvert





S253 - View to East



S254 – Coolah Rd - 1100m East of Rotherwood Rd Intersection 675mm Pipe Culvert Fair Condition and Serviceable



S254 - Location Plan



S254 - View to East



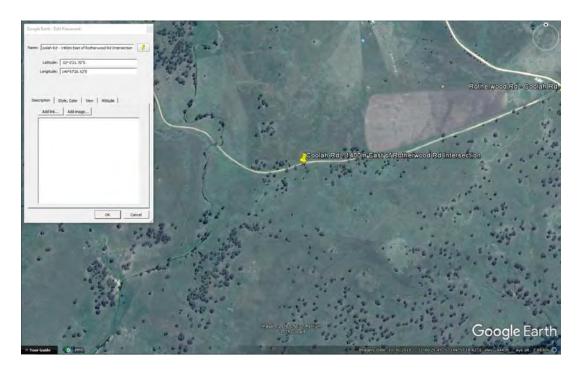


S254 - 675mm Pipe Culvert



S254 - Coolah Rd - 1400m East of Rotherwood Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Conditions



S254 - Location Plan

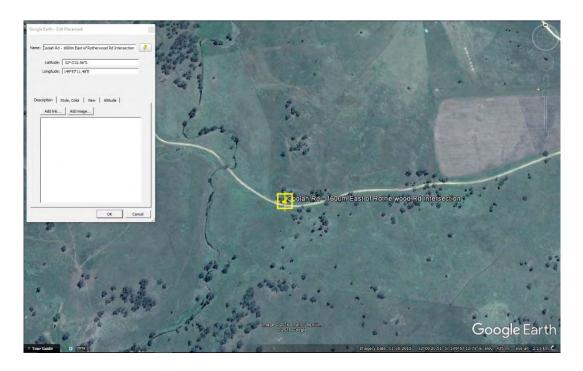


S254 - View to east



S255 - Coolah Rd - 1600m East of Rotherwood Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition



S255 - Location Plan



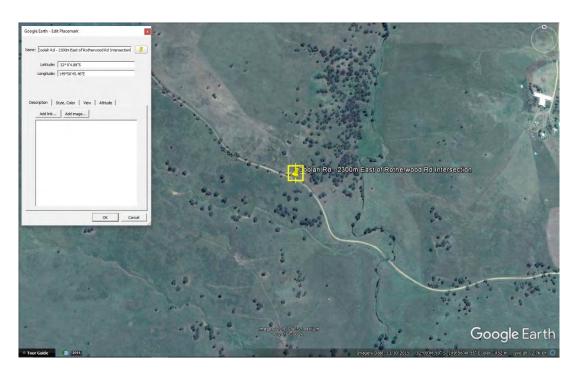
S255 - View to west





S256 - Coolah Rd - 2300m East of Rotherwood Rd Intersection

Pipe Culvert of Unknown Dimensions Unknown Condition



S256 - Location Plan

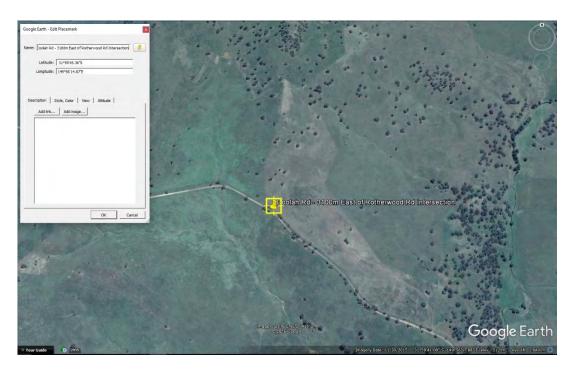


S256 - View to west



S257 - Coolah Rd - 3100m East of Rotherwood Rd Intersection

A Pipe Culvert is required for this Location, Location has a runoff path through it.



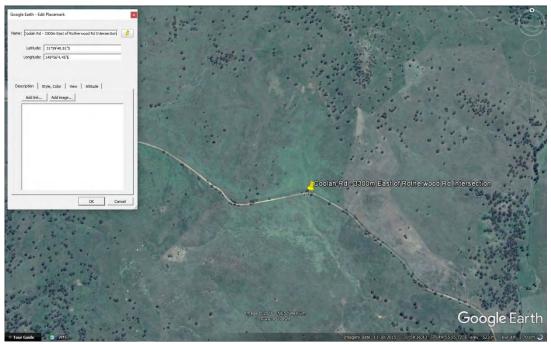
S257 - Location Plan





S258 - Coolah Rd - 3300m East of Rotherwood Rd Intersection

Pipe Culvert of Unknown Dimensions Horizontal Geometry and Trees to be surveyed to verify against proposed transport configurations



S258 - Location Plan



S258 - View to West towards location





