

## **APPENDIX E**

### MRWA Data

Paul Daly (Herring Storer Acoustics)

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From: Scott Hazebroek <scott.hazebroek@mainroads.wa.gov.au>  
Sent: Friday, 18 October 2024 10:19 AM  
To: Gage Daly (Herring Storer Acoustics)  
Cc: Tim Reynolds (Herring Storer Acoustics); Wesley Soet; Clare Yu  
Subject: #43073 - Noise Assessment for Australind Bypass, Australind  
Attachments: Surface Detail.Australind Bypass.pdf

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Hi Gage,

Our Bunbury Model suggests that the projected compound growth rate for Australind Bypass, Australind is in the order of:

- ☐ 1.5% per annum without Bunbury Outer Ring Road
- ☐ 0.2% per annum with Bunbury Outer Ring Road

Please apply to observed counts from <https://trafficmap.mainroads.wa.gov.au/map>

Current road surface information is attached for your reference. Please let me know if you have any other questions.

Thank you.

Kind regards,

Scott Hazebroek  
Transport Modelling Analyst  
Asset and Geospatial Information  
Planning and Technical Services Directorate  
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Main Roads acknowledges the traditional custodians throughout Western Australia and their continuing connection to the land, waters and community. We pay our respects to all members of the Aboriginal communities and their cultures; and to Elders both past and present.

## Surface Detail



| Road | Start SLK | End SLK | CMV | Start True Dist | End True Dist | Inv Type | XSP | Width (m) | Year | Type                     | Aggregate Material | Aggregate Size | Adhesion Agent | Bitumen Class | Asphalt Depth (mm) | Enrich Year |
|------|-----------|---------|-----|-----------------|---------------|----------|-----|-----------|------|--------------------------|--------------------|----------------|----------------|---------------|--------------------|-------------|
| H057 | 89.51     | 89.57   | L   | 89.51           | 89.57         | SUSH     | R   | 0.5       | 2018 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2018 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2018 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2018 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      | 89.57     | 89.76   | L   | 89.57           | 89.76         | SUSH     | R   | 0.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 89.76     | 90.00   | L   | 89.76           | 90.00         | SUSH     | R   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | ER  | 3.5       | 2015 | Slurry Seal              |                    |                |                |               |                    |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 90.00     | 90.03   | L   | 90.00           | 90.03         | SUSH     | R   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L1  | 5.3       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 90.03     | 90.13   | L   | 90.03           | 90.13         | SUSH     | R   | 1.0       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L1  | 5.3       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 90.13     | 90.15   | L   | 90.13           | 90.15         | SUSH     | R   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L1  | 5.3       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 90.15     | 91.18   | L   | 90.15           | 91.18         | SUSH     | R   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 91.18     | 91.21   | L   | 91.18           | 91.21         | SUSH     | R   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | LR1 | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |

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## Surface Detail



| Road | Start SLK | End SLK | CMV | Start True Dist | End True Dist | Inv Type | XSP | Width (m) | Year | Type                     | Aggregate Material | Aggregate Size | Adhesion Agent | Bitumen Class | Asphalt Depth (mm) | Enrich Year |
|------|-----------|---------|-----|-----------------|---------------|----------|-----|-----------|------|--------------------------|--------------------|----------------|----------------|---------------|--------------------|-------------|
|      | 91.21     | 91.25   | L   | 91.21           | 91.25         | SUSH     | L   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | LR1 | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 91.25     | 91.29   | L   | 91.25           | 91.29         | SULA     | LR1 | 3.5       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2018 | Two Coat Seal            | Basalt             | 14 and 7 mm    |                |               |                    |             |
|      | 91.29     | 91.41   | L   | 91.29           | 91.41         | SUSH     | R   | 1.0       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2018 | Two Coat Seal            | Basalt             | 14 and 7 mm    |                |               |                    |             |
|      | 91.41     | 91.42   | L   | 91.41           | 91.42         | SUSH     | R   | 1.0       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2015 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.42     | 91.45   | L   | 91.42           | 91.45         | SUSH     | R   | 1.0       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.45     | 91.67   | L   | 91.45           | 91.67         | SUSH     | R   | 0.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L3  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.67     | 91.73   | L   | 91.67           | 91.73         | SUSH     | R   | 0.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L3  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.73     | 91.79   | L   | 91.73           | 91.79         | SUSH     | R   | 0.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |

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## Surface Detail



| Road | Start SLK | End SLK | CMV | Start True Dist | End True Dist | Inv Type | XSP | Width (m) | Year | Type                     | Aggregate Material | Aggregate Size | Adhesion Agent | Bitumen Class | Asphalt Depth (mm) | Enrich Year |
|------|-----------|---------|-----|-----------------|---------------|----------|-----|-----------|------|--------------------------|--------------------|----------------|----------------|---------------|--------------------|-------------|
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L3  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.79     | 91.85   | L   | 91.79           | 91.85         | SULA     | LR1 | 3.5       | 2023 | Asphalt Intersection Mix |                    |                |                |               | 45                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L3  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SUSH     | L   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.85     | 91.95   | L   | 91.85           | 91.95         | SULA     | LR1 | 3.5       | 2023 | Asphalt Intersection Mix |                    |                |                |               | 45                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | L3  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | LL1 | 5.0       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.95     | 92.00   | L   | 91.95           | 92.00         | SULA     | LR1 | 3.5       | 2023 | Asphalt Intersection Mix |                    |                |                |               | 45                 |             |
|      |           |         |     |                 |               | SULA     | L1  | 3.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L2  | 3.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | L3  | 3.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | LL1 | 5.0       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      | 89.48     | 89.52   | R   | 89.48           | 89.52         | SUSH     | L   | 1.0       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      |           |         |     |                 |               | SUSH     | R   | 1.5       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      | 89.52     | 89.57   | R   | 89.52           | 89.57         | SUSH     | L   | 1.0       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      |           |         |     |                 |               | SULA     | RL1 | 4.0       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      |           |         |     |                 |               | SUSH     | R   | 1.5       | 2022 | Asphalt Intersection Mix |                    |                |                |               | 50                 |             |
|      | 89.57     | 89.72   | R   | 89.57           | 89.72         | SUSH     | L   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | RL1 | 4.0       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | R   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 89.72     | 89.75   | R   | 89.72           | 89.75         | SUSH     | L   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |

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## Surface Detail



| Road | Start SLK | End SLK | CMV | Start True Dist | End True Dist | Inv Type | XSP | Width (m) | Year | Type                     | Aggregate Material | Aggregate Size | Adhesion Agent | Bitumen Class | Asphalt Depth (mm) | Enrich Year |
|------|-----------|---------|-----|-----------------|---------------|----------|-----|-----------|------|--------------------------|--------------------|----------------|----------------|---------------|--------------------|-------------|
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | RL1 | 4.0       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | R   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 89.75     | 91.26   | R   | 89.75           | 91.26         | SUSH     | L   | 1.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      |           |         |     |                 |               | SUSH     | R   | 2.5       | 2023 | Slurry Seal              | Granite            | 5-7 mm         |                | 170           |                    |             |
|      | 91.26     | 91.32   | R   | 91.26           | 91.32         | SULA     | R1  | 3.5       | 2013 | Asphalt Dense Graded     |                    |                |                |               | 35                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2013 | Asphalt Dense Graded     |                    |                |                |               | 35                 |             |
|      | 91.32     | 91.41   | R   | 91.32           | 91.41         | SULA     | R1  | 3.5       | 2013 | Asphalt Dense Graded     |                    |                |                |               | 35                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2013 | Asphalt Dense Graded     |                    |                |                |               | 35                 |             |
|      |           |         |     |                 |               | SULA     | RL1 | 3.5       | 2013 | Asphalt Dense Graded     |                    |                |                |               | 35                 |             |
|      | 91.41     | 91.48   | R   | 91.41           | 91.48         | SULA     | R1  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | RL1 | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SUSH     | R   | 1.0       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.48     | 91.58   | R   | 91.48           | 91.58         | SUSH     | L   | 0.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2016 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | RL1 | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SUSH     | R   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.58     | 91.94   | R   | 91.58           | 91.94         | SUSH     | L   | 0.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | RL1 | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SUSH     | R   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.94     | 91.95   | R   | 91.94           | 91.95         | SUSH     | L   | 0.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2017 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | RL1 | 3.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      |           |         |     |                 |               | SUSH     | R   | 2.5       | 2009 | Asphalt Dense Graded     |                    |                |                |               | 30                 |             |
|      | 91.95     | 91.97   | R   | 91.95           | 91.97         | SUSH     | L   | 0.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |

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## Surface Detail



| Road | Start SLK | End SLK | Chy | Start True Dist | End True Dist | Inv Type | XSP | Width (m) | Year | Type                     | Aggregate Material | Aggregate Size | Adhesion Agent | Bitumen Class | Asphalt Depth (mm) | Enrich Year |
|------|-----------|---------|-----|-----------------|---------------|----------|-----|-----------|------|--------------------------|--------------------|----------------|----------------|---------------|--------------------|-------------|
|      |           |         |     |                 |               | SULA     | R1  | 3.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2017 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | RL1 | 3.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SUSH     | R   | 2.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      | 91.97     | 92.00   | R   | 91.97           | 92.00         | SULA     | R1  | 3.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | R2  | 3.5       | 2017 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |
|      |           |         |     |                 |               | SULA     | RL1 | 3.5       | 2009 | Asphalt Intersection Mix |                    |                |                |               | 40                 |             |