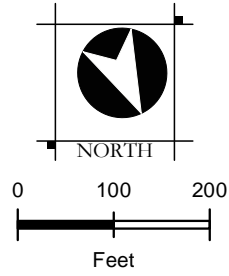


ATTACHMENT H

**Freeboard and Geometry Analysis –
Levee Deficiencies Strip Maps**

Levee Deficiencies Strip Maps – Feather River East Levee

FEATHER RIVER
LEVEE DEFICIENCIES
NICOLAUS FEASIBILITY STUDY
NICOLAUS, CA
AUGUST, 2019



Legend

- Levee Centerline
- 300ft Cross Section
- Levee Height Deficient
- Crown Deficient - Width < 20ft
- Crown Deficient - Width < 15ft

Slope Deficiencies

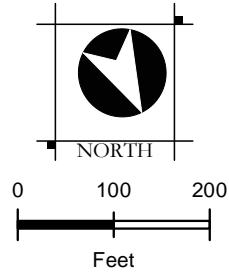
- Land Side Slope Steeper than 2:1
- Water Side Slope Steeper than 2:1
- Water Side Slope Between 2:1 and 3:1



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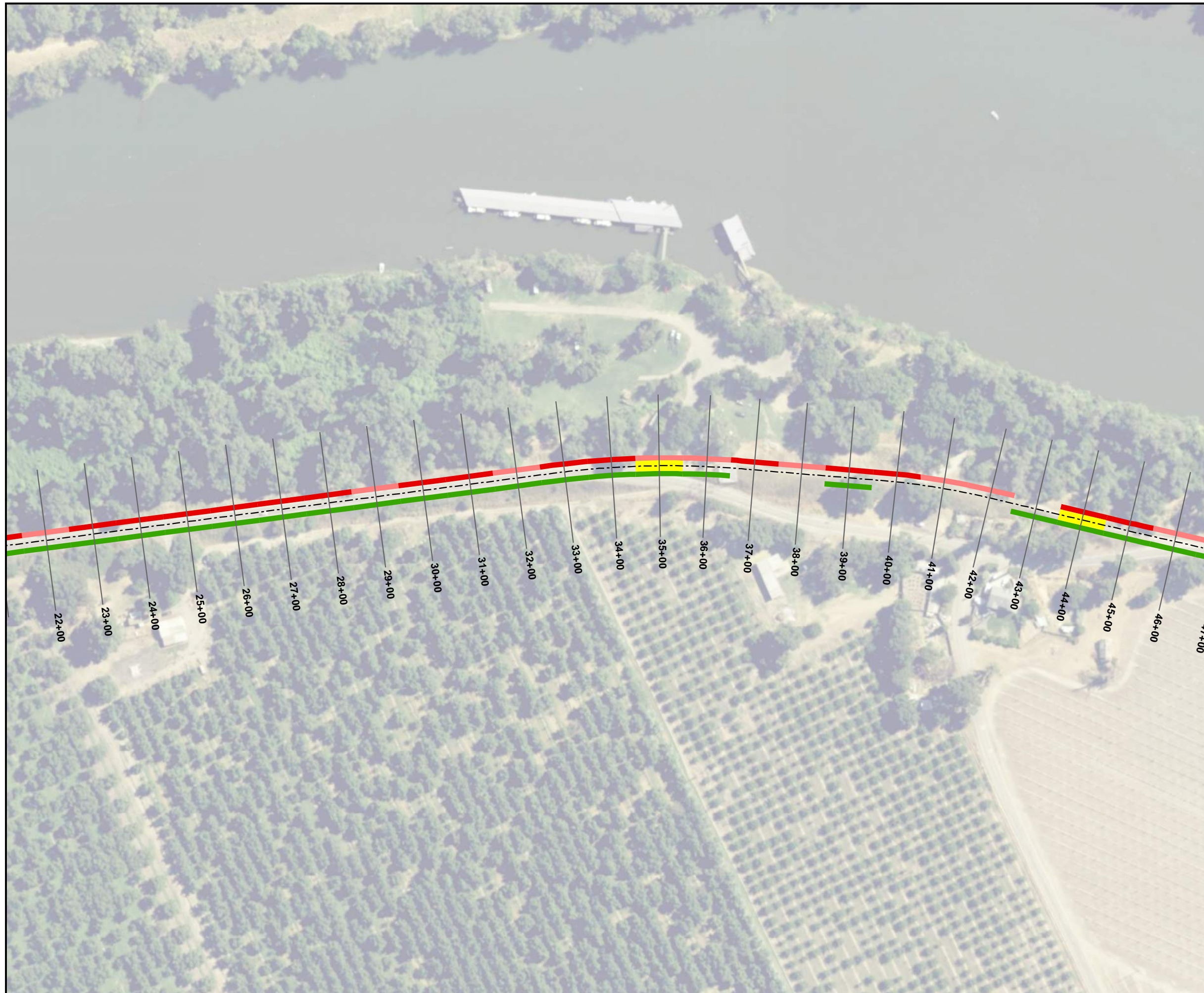


Legend

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Slope Deficiencies

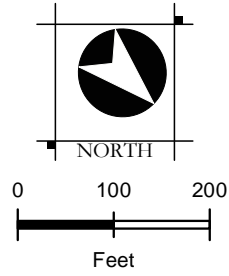
- Land Side Slope Steeper than 2:1
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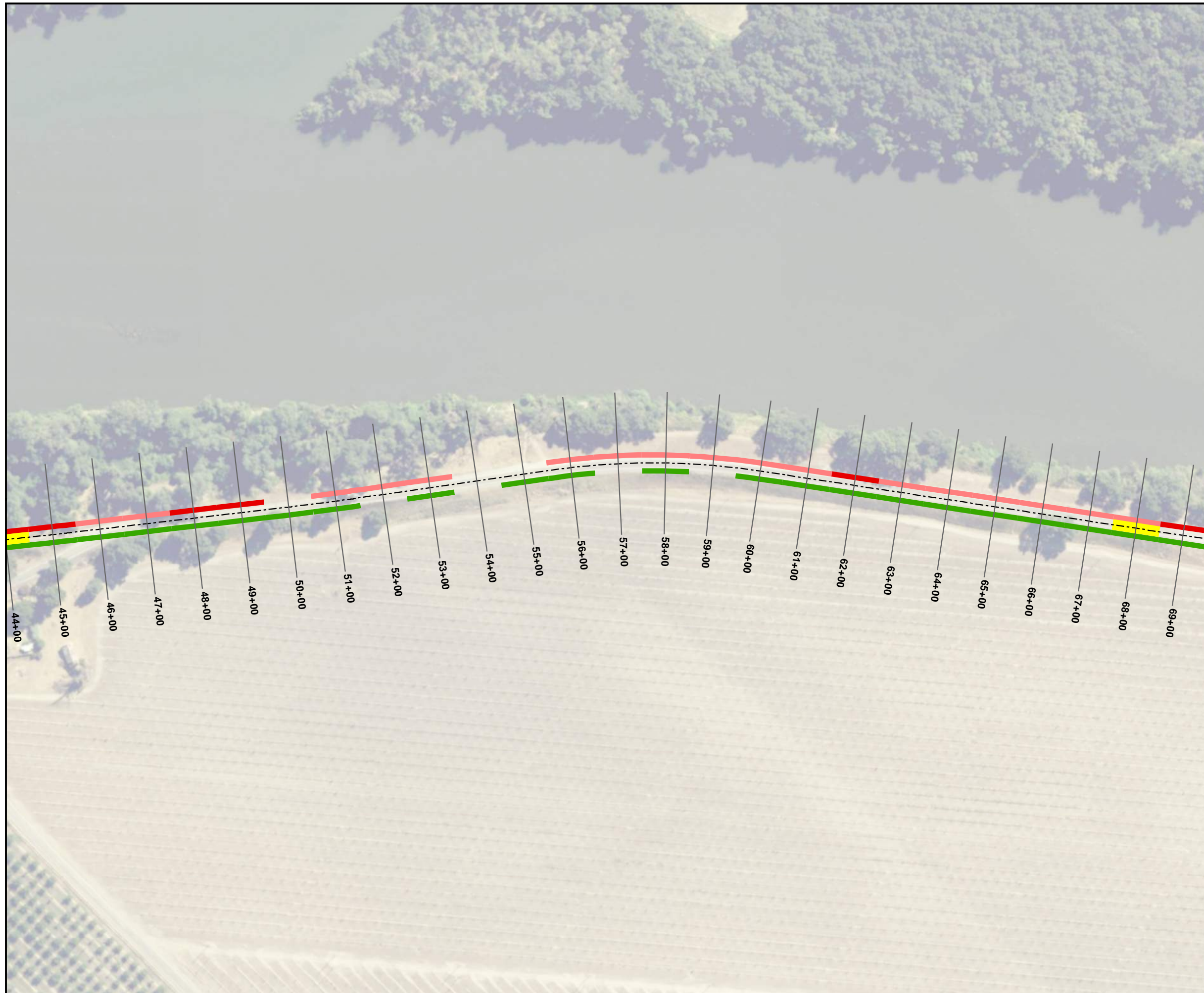


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Slope Deficiencies

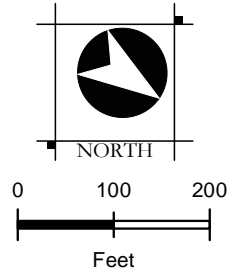
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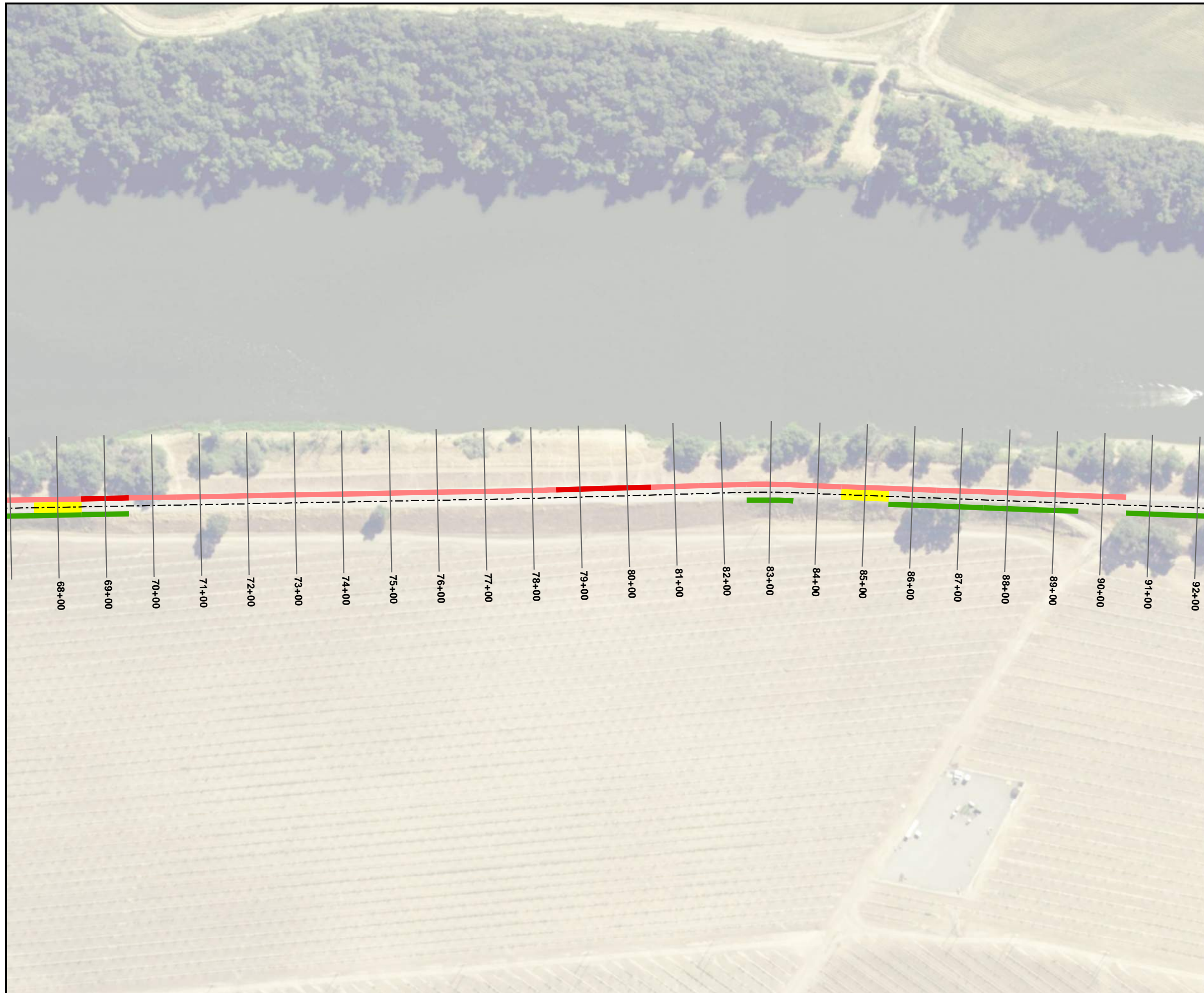


Legend

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Slope Deficiencies

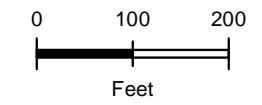
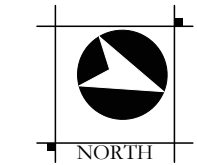
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PRELIMINARY

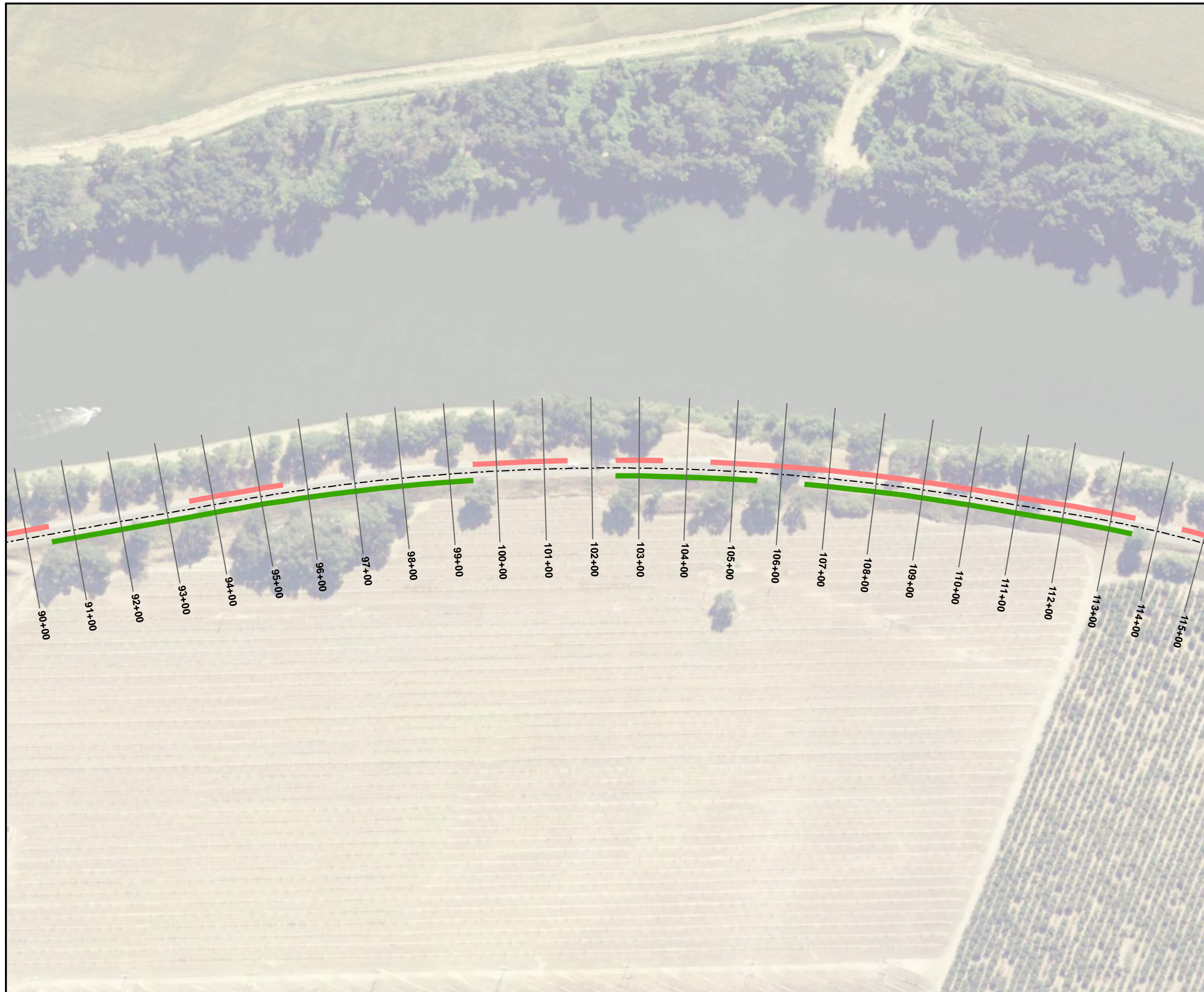


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Legend

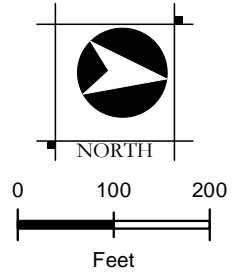
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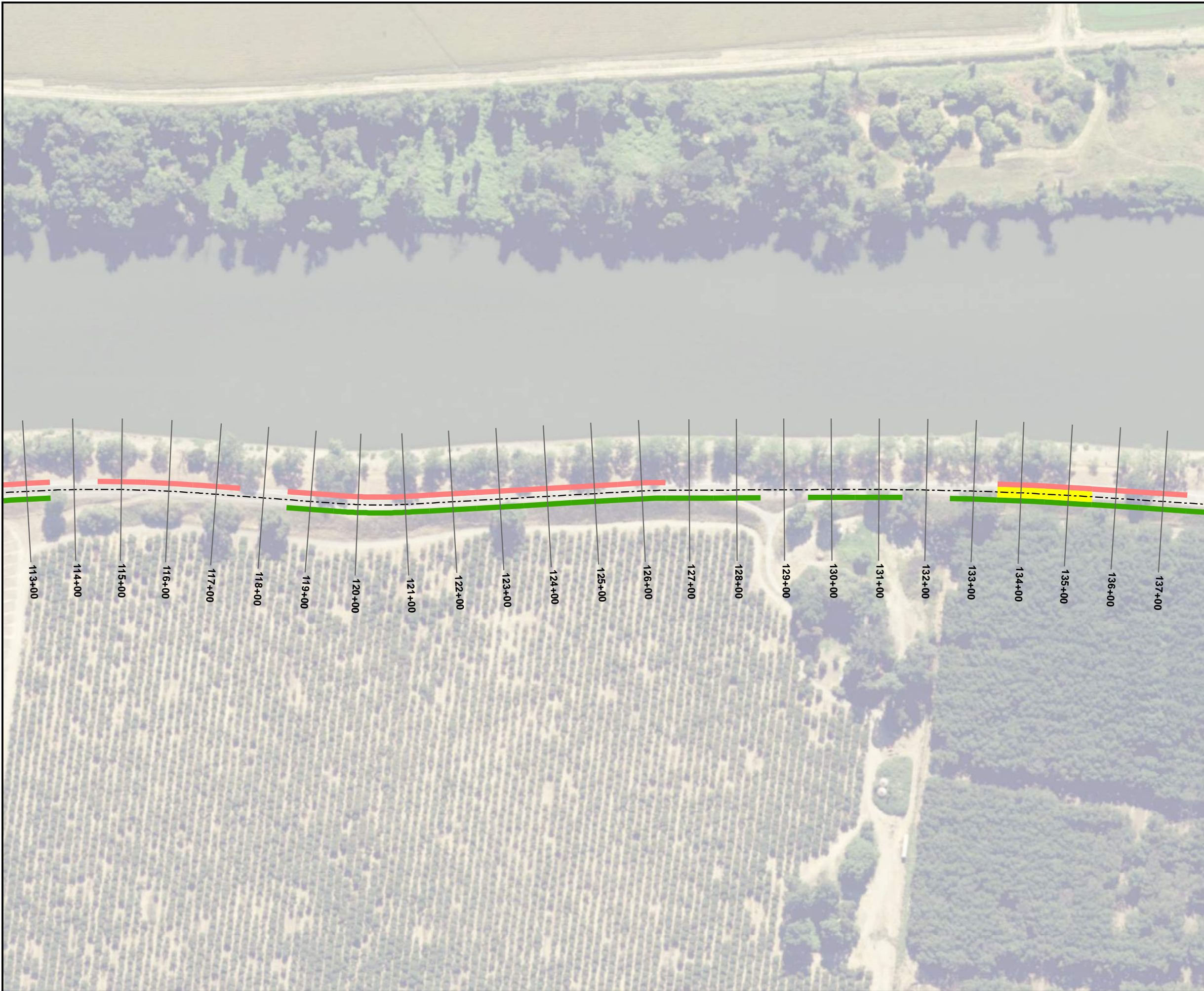


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Slope Deficiencies

- Land Side Slope Steeper than 2:1
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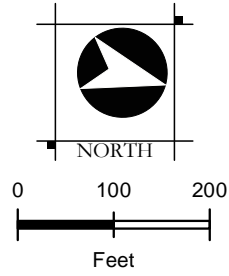


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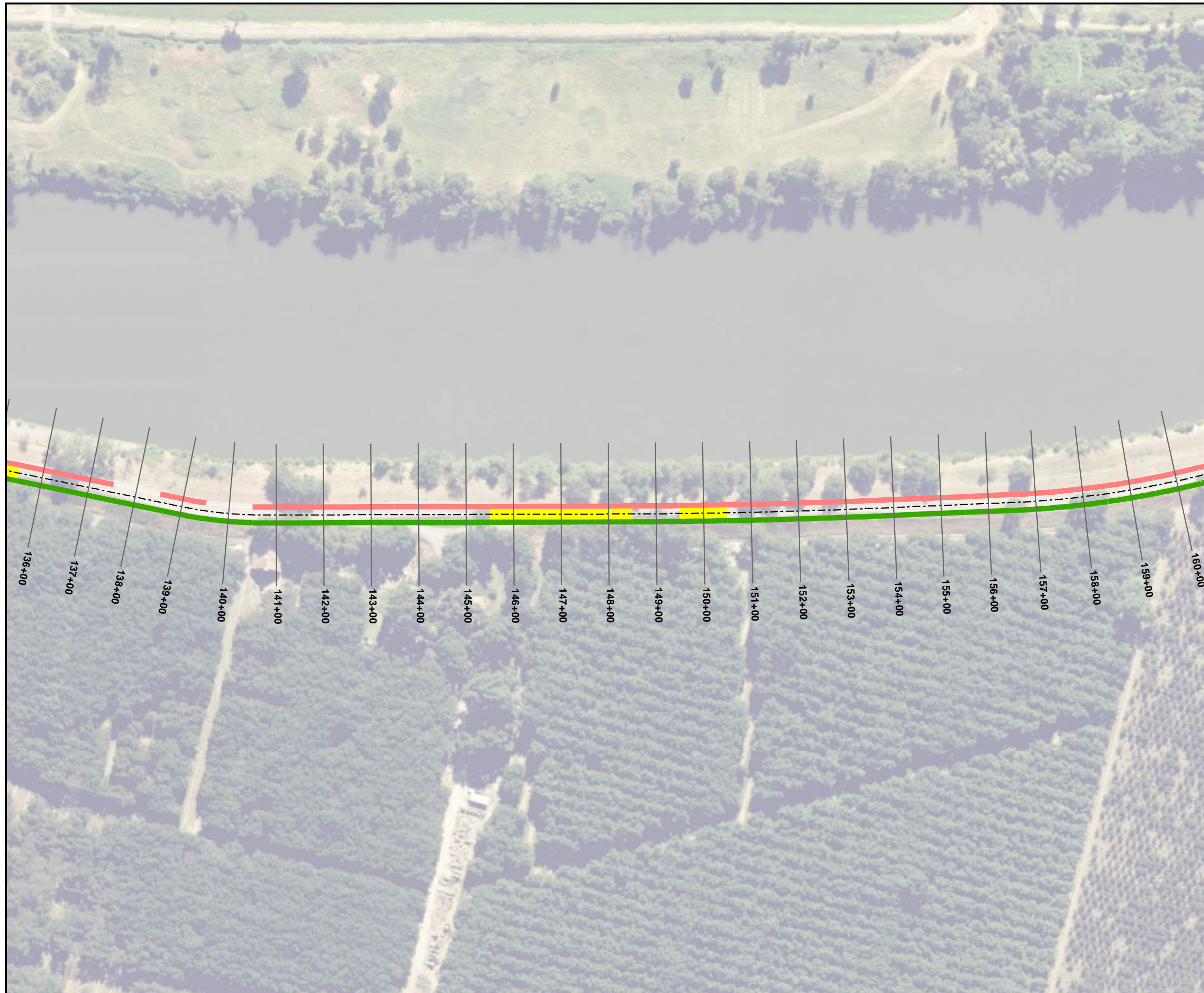


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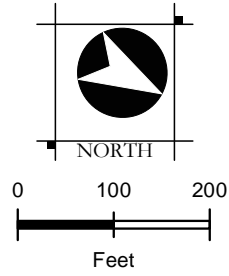
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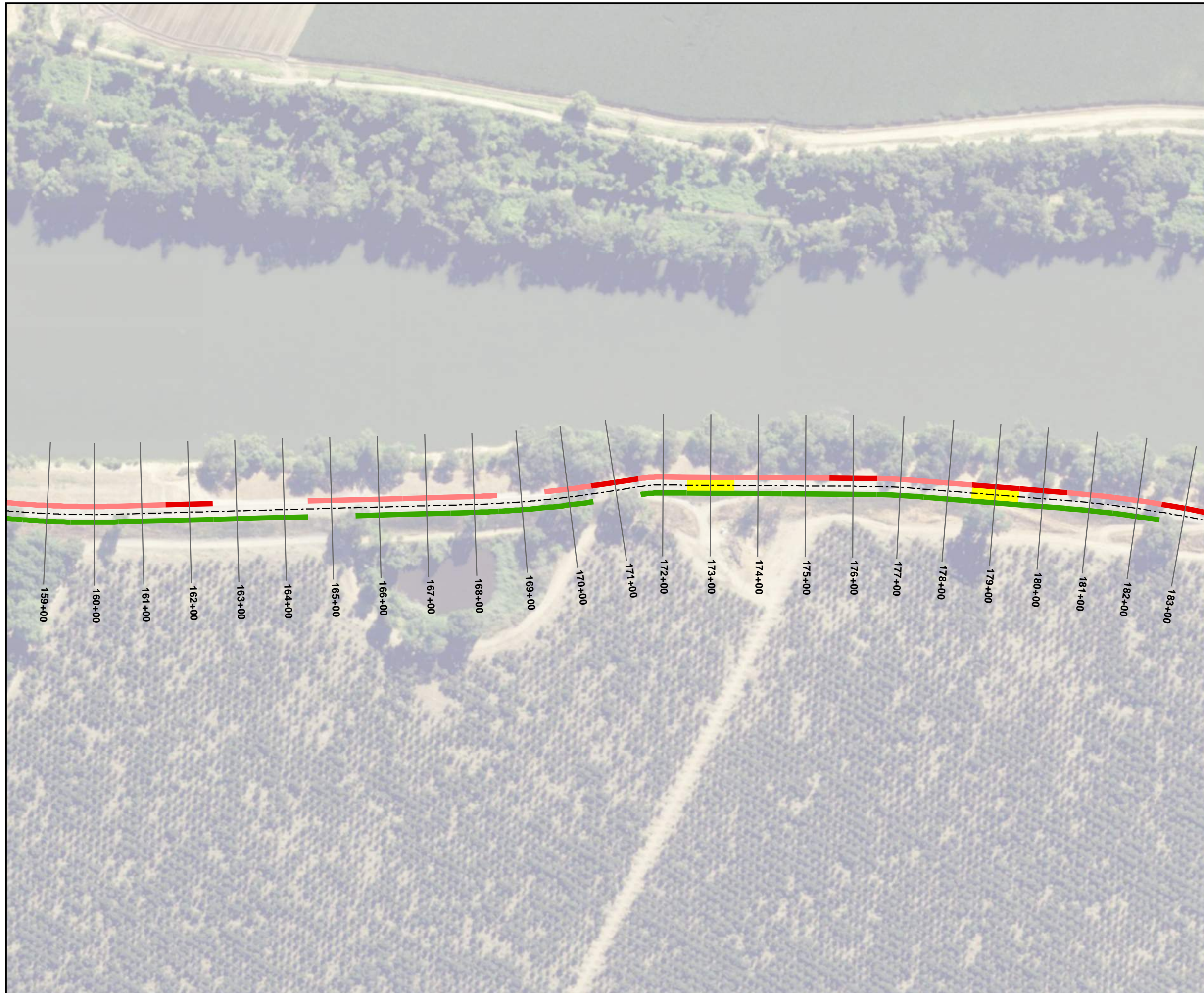


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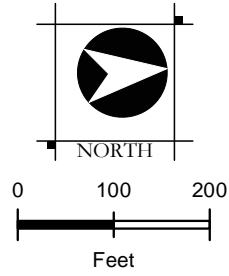


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NICOLAUS FEASIBILITY STUDY
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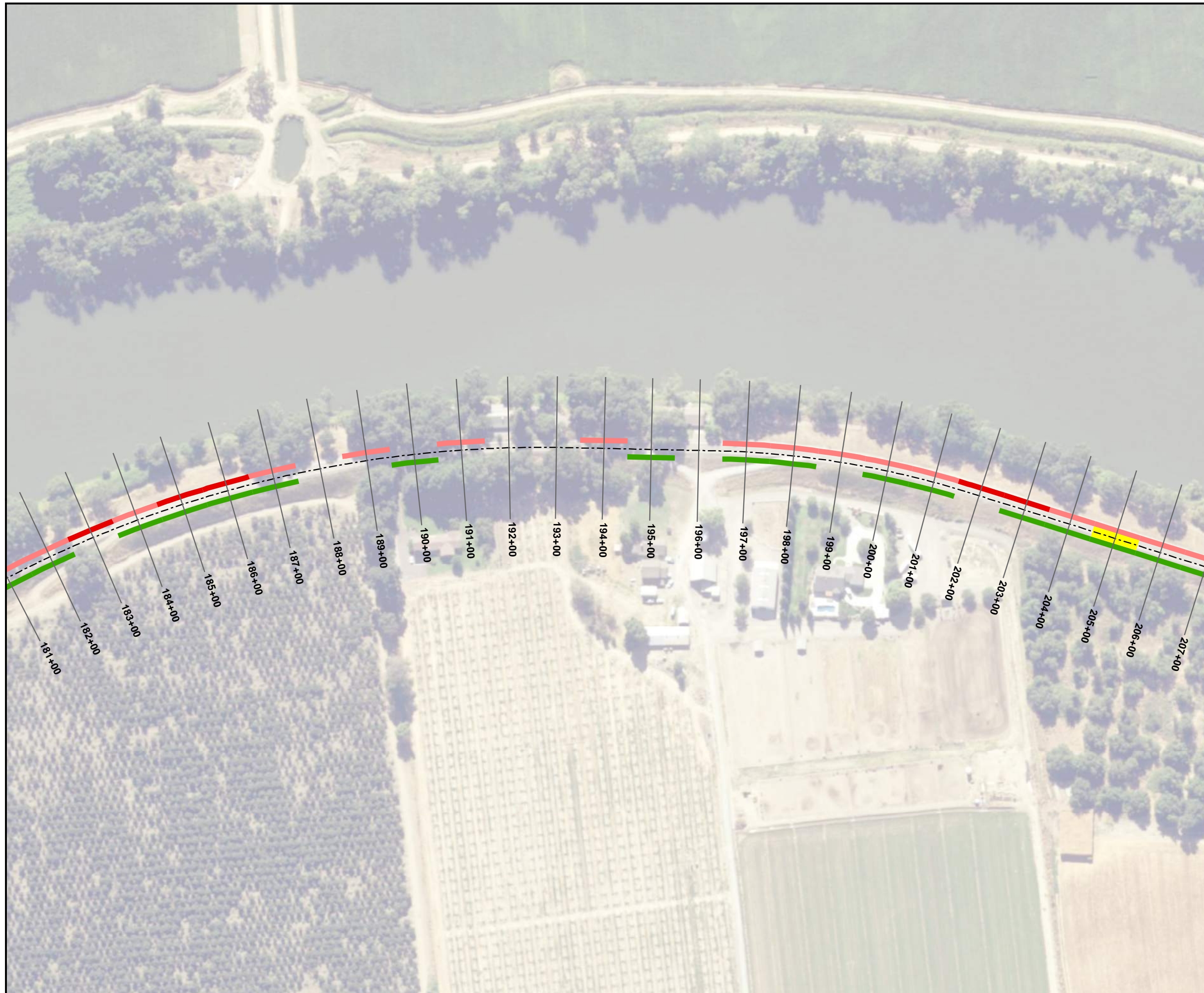


Legend

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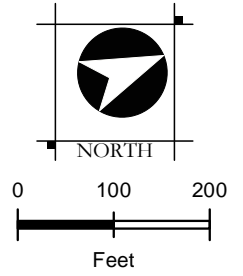
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NICOLAUS FEASIBILITY STUDY
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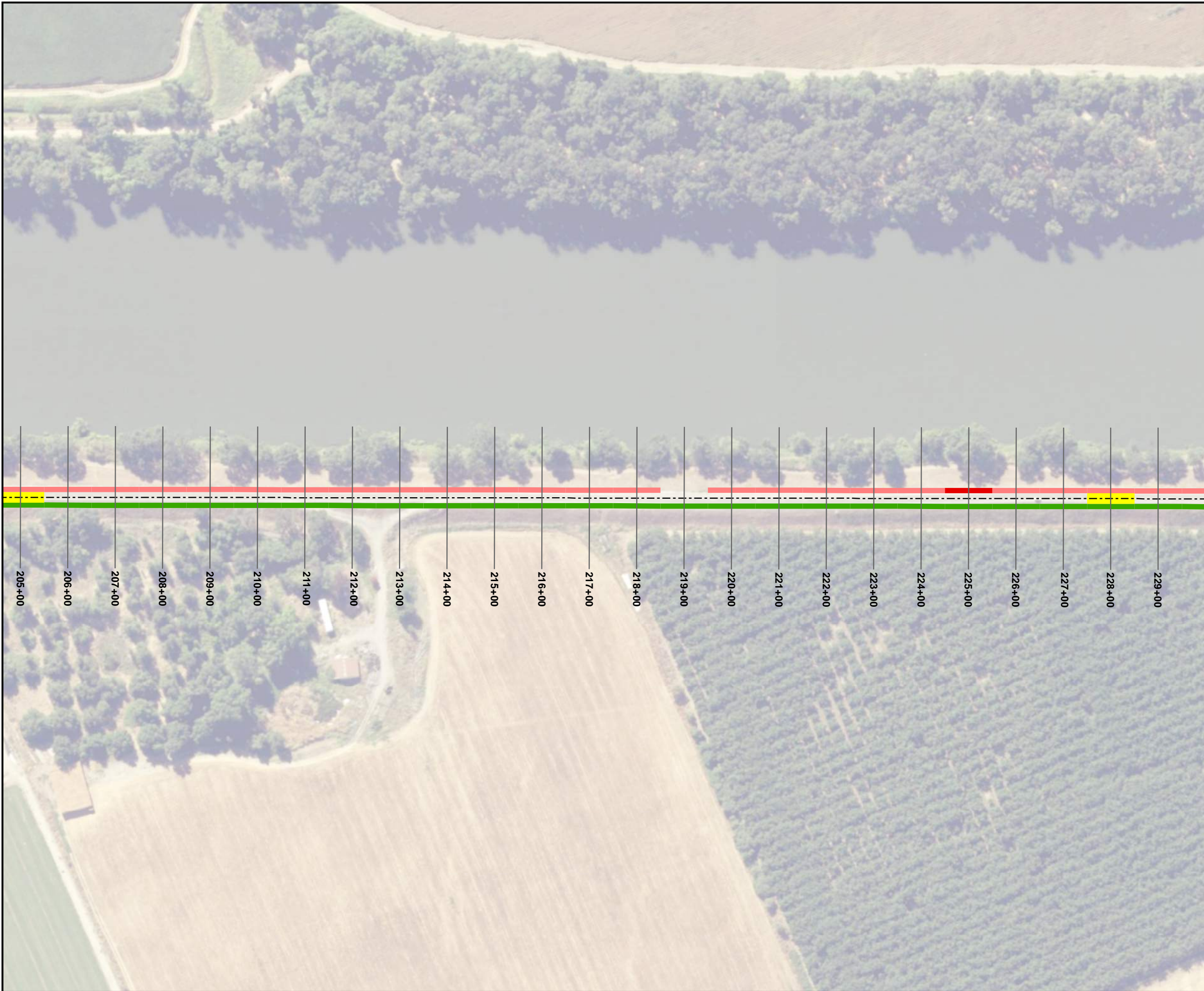


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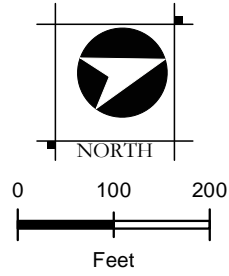
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NICOLAUS FEASIBILITY STUDY
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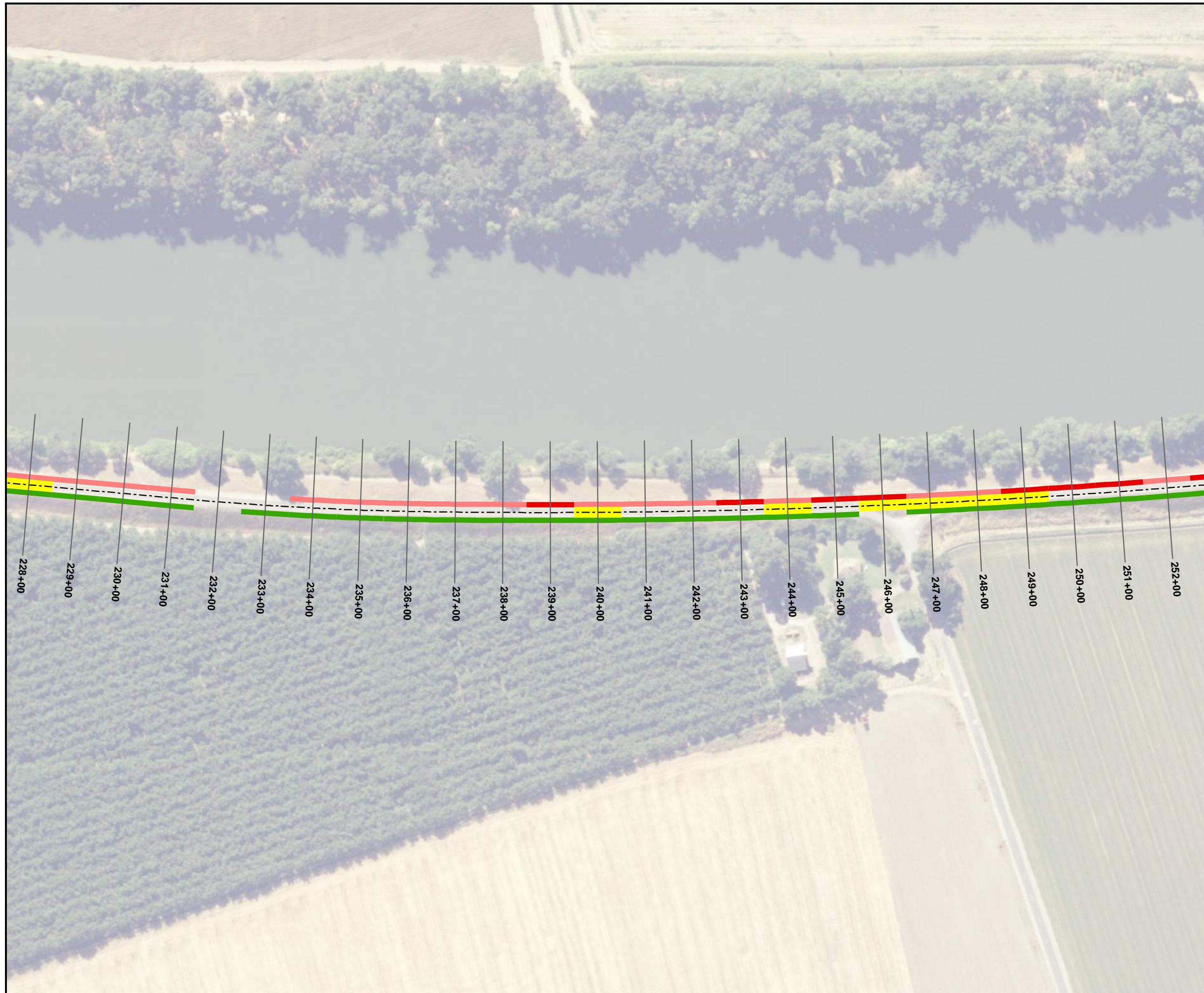


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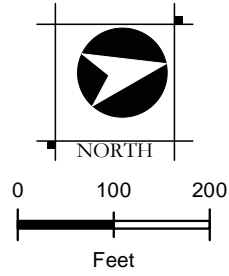
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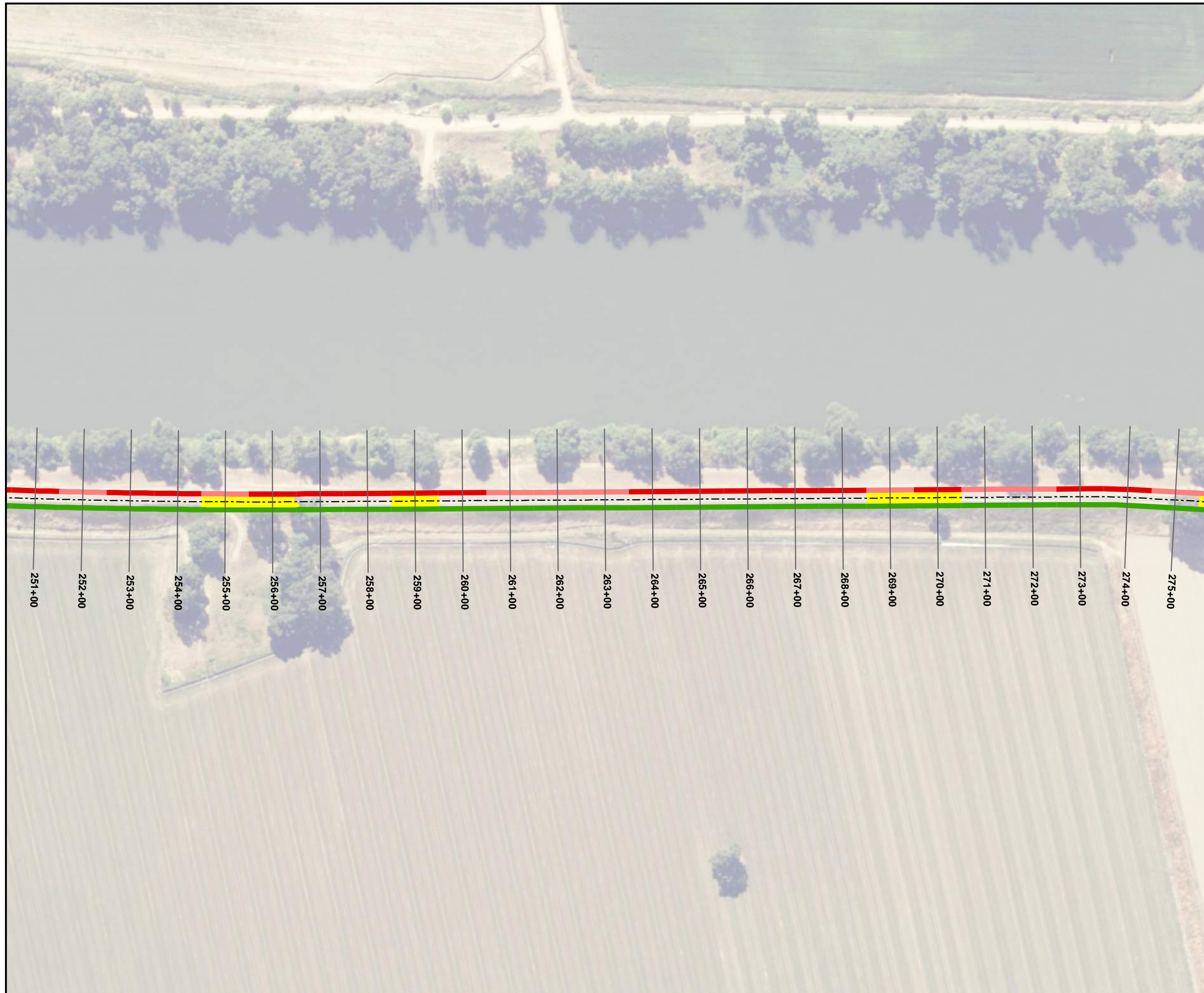


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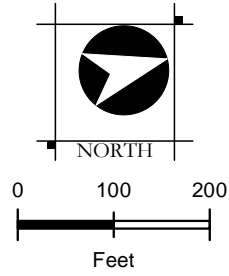


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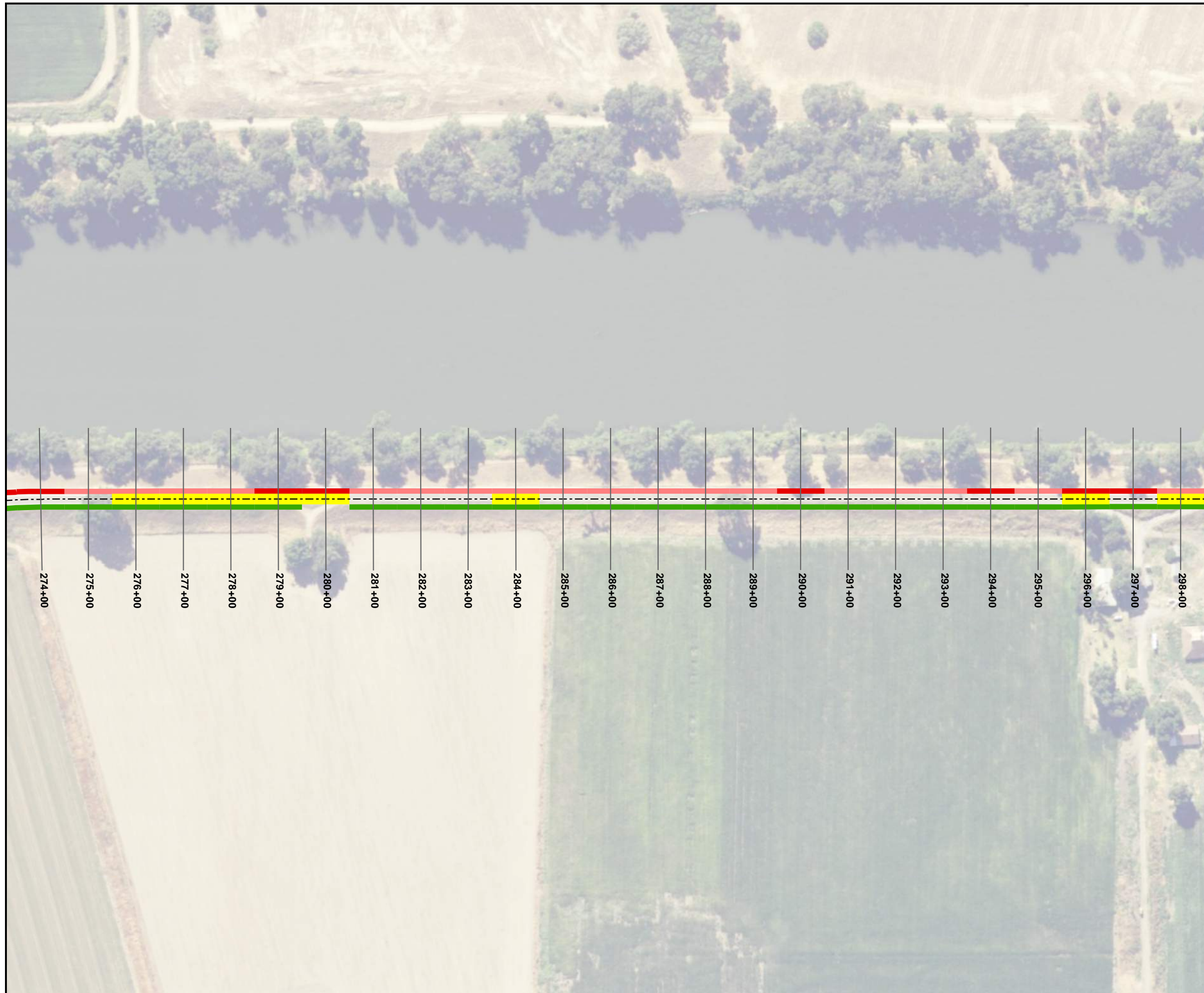


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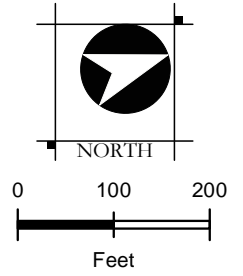
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PRELIMINARY



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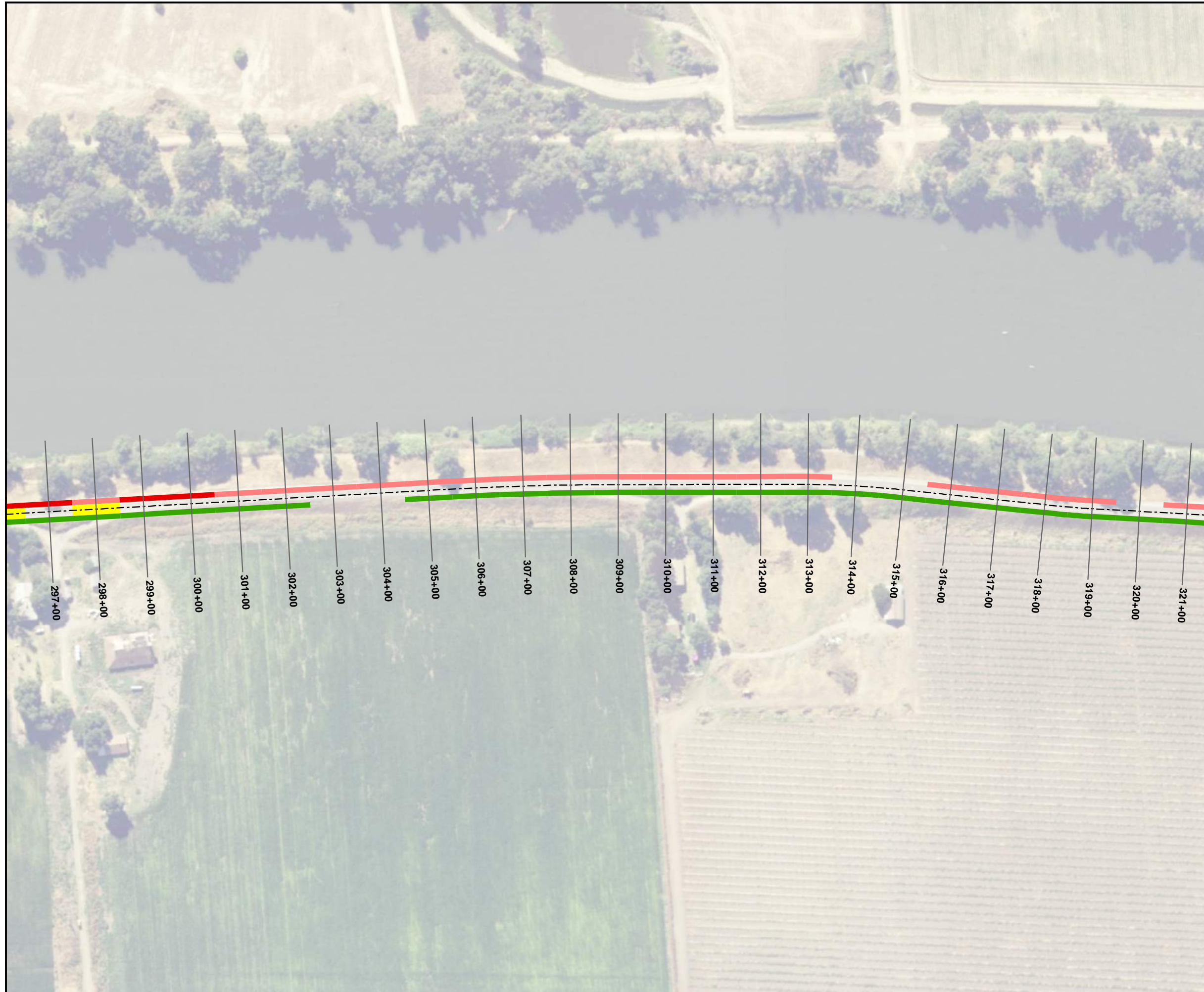


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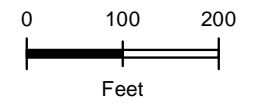
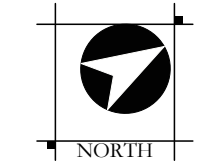
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PRELIMINARY

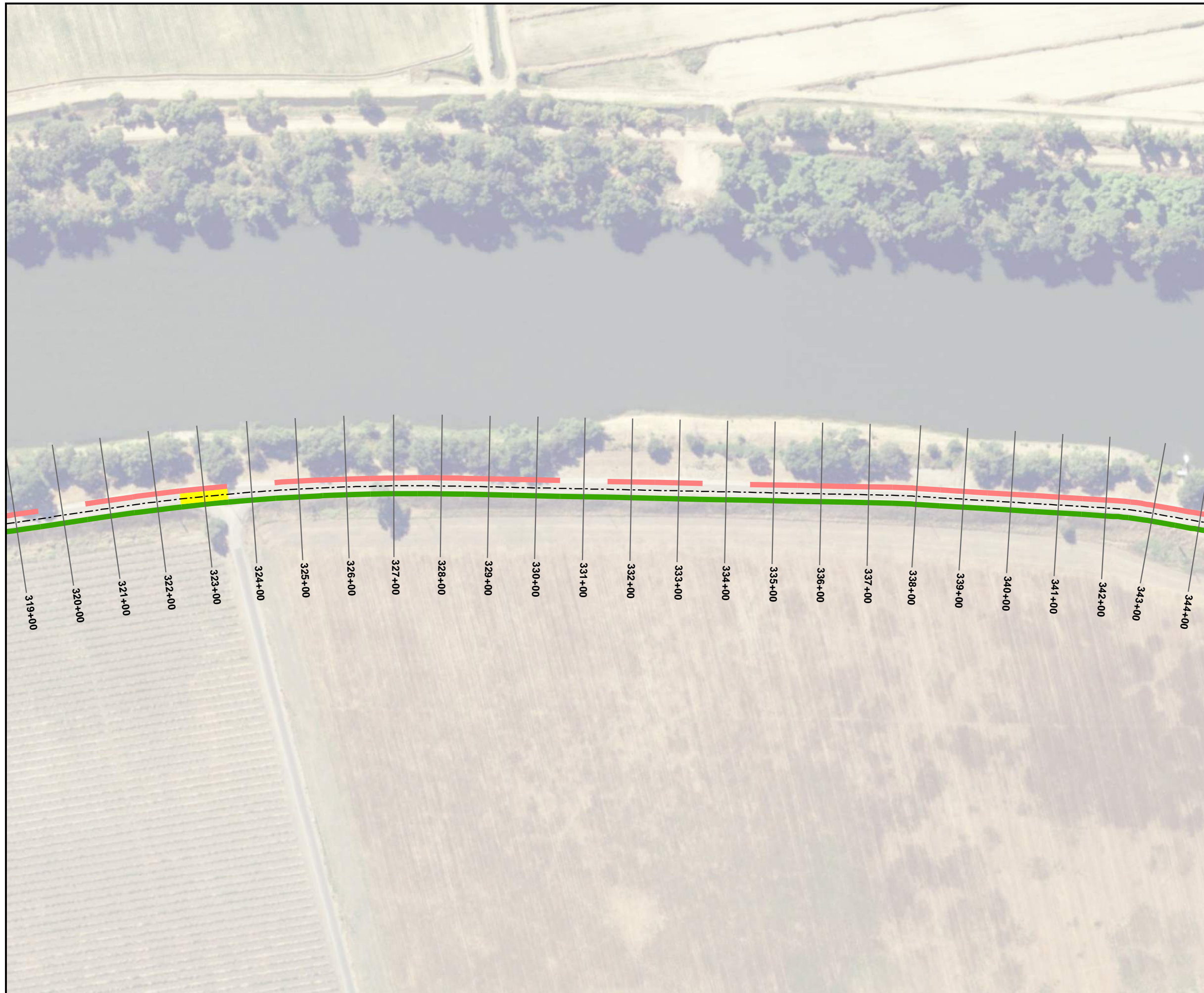


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NICOLAUS FEASIBILITY STUDY
NICOLAUS, CA
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Legend

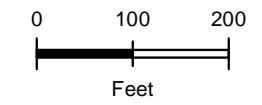
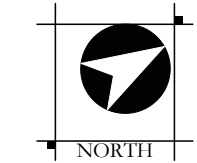
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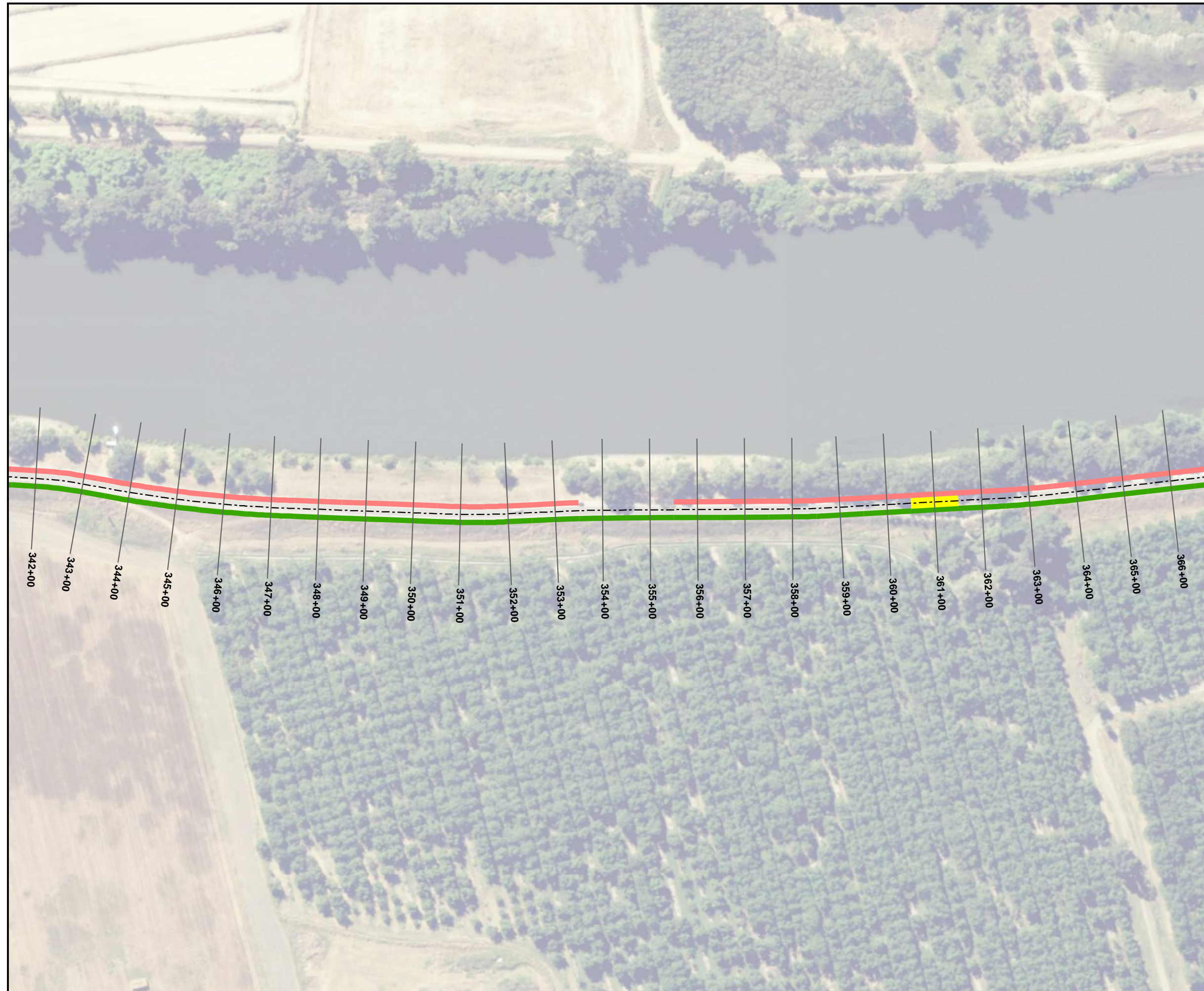


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Legend

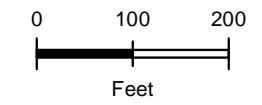
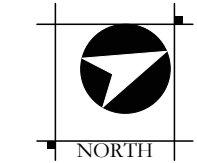
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PRELIMINARY



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Legend

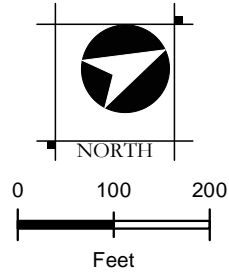
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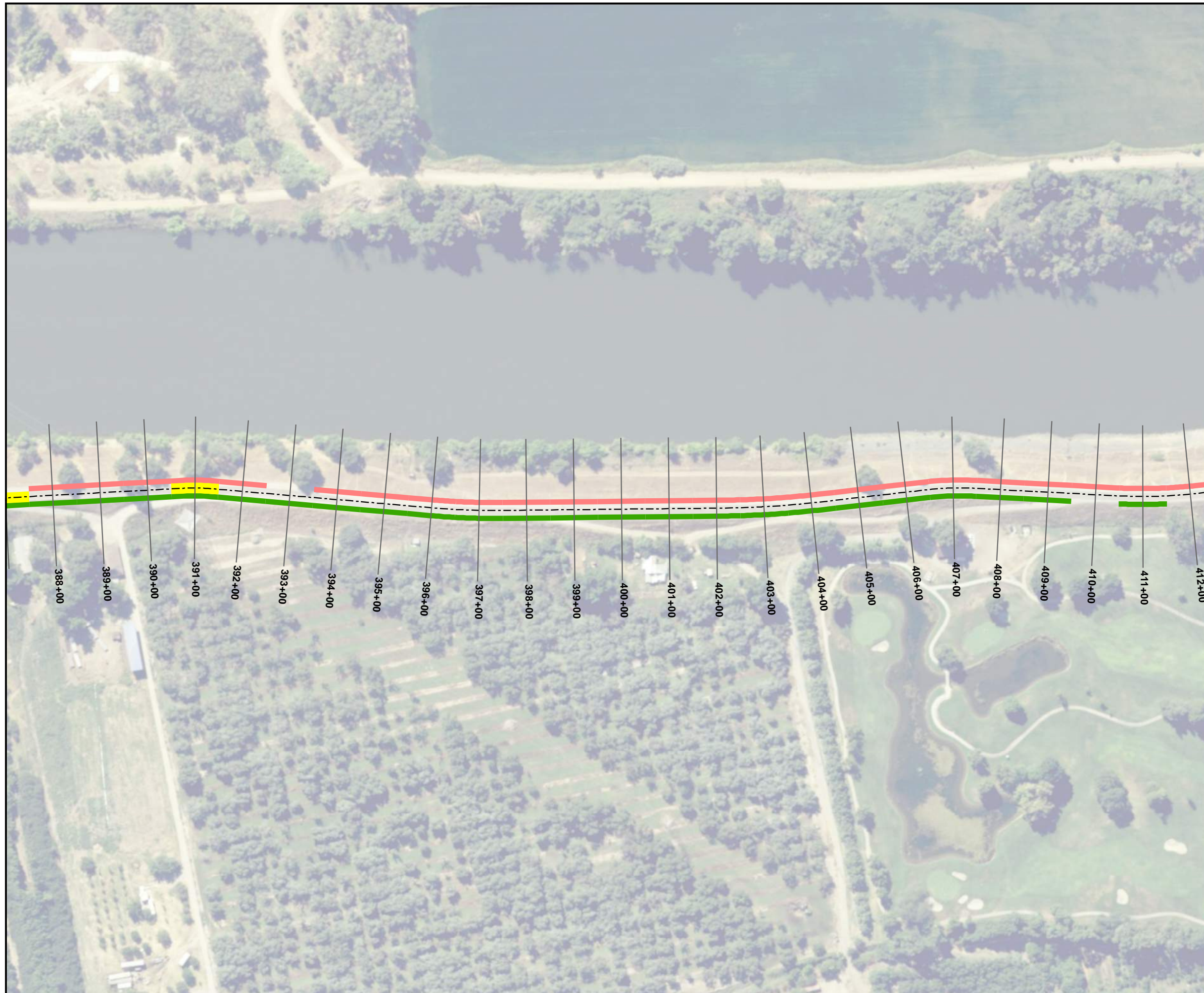


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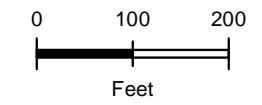
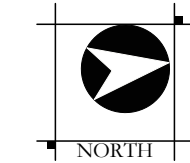
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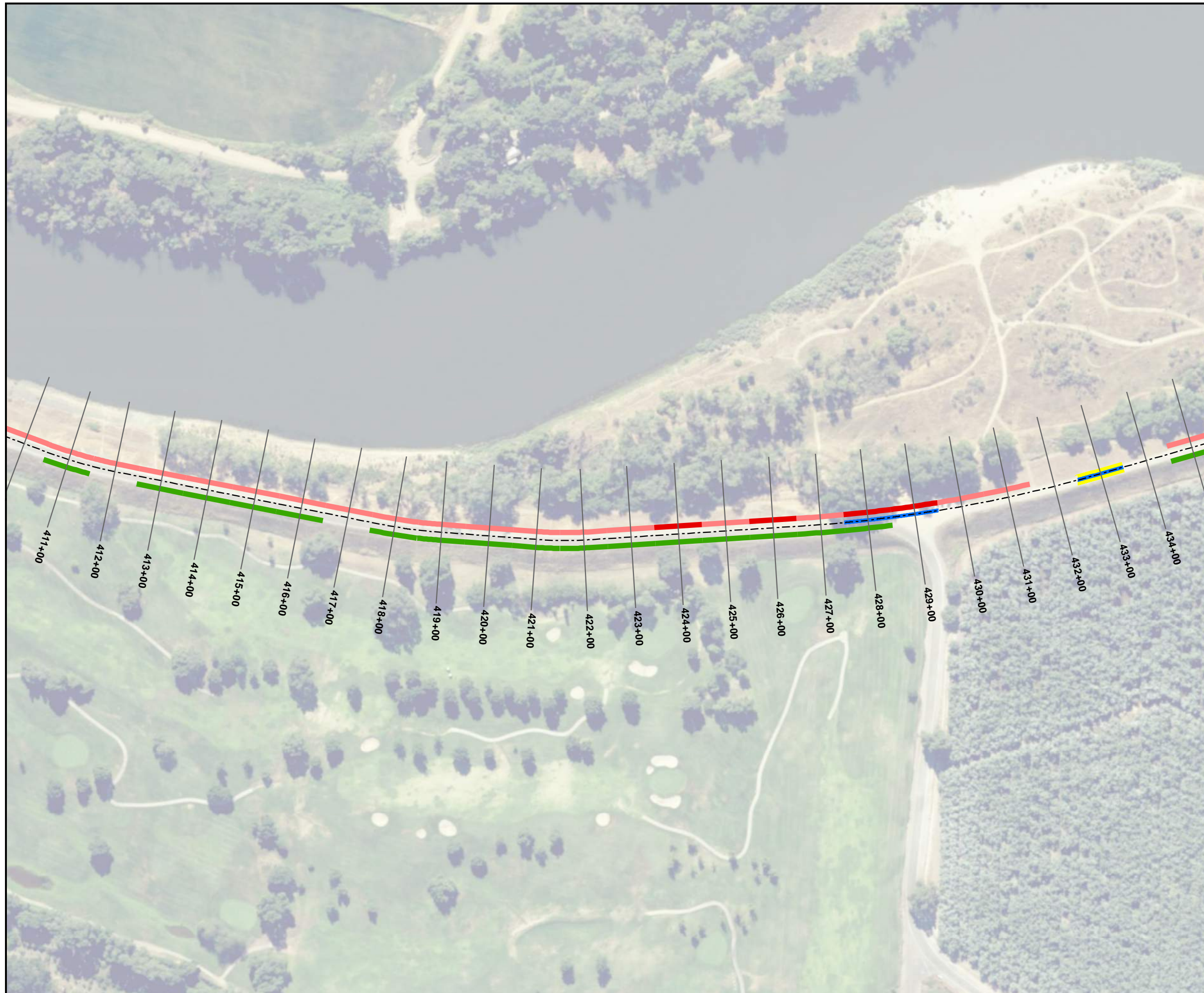


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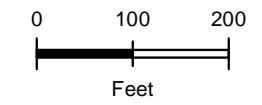
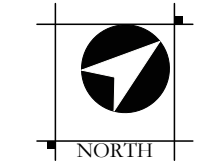
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PRELIMINARY

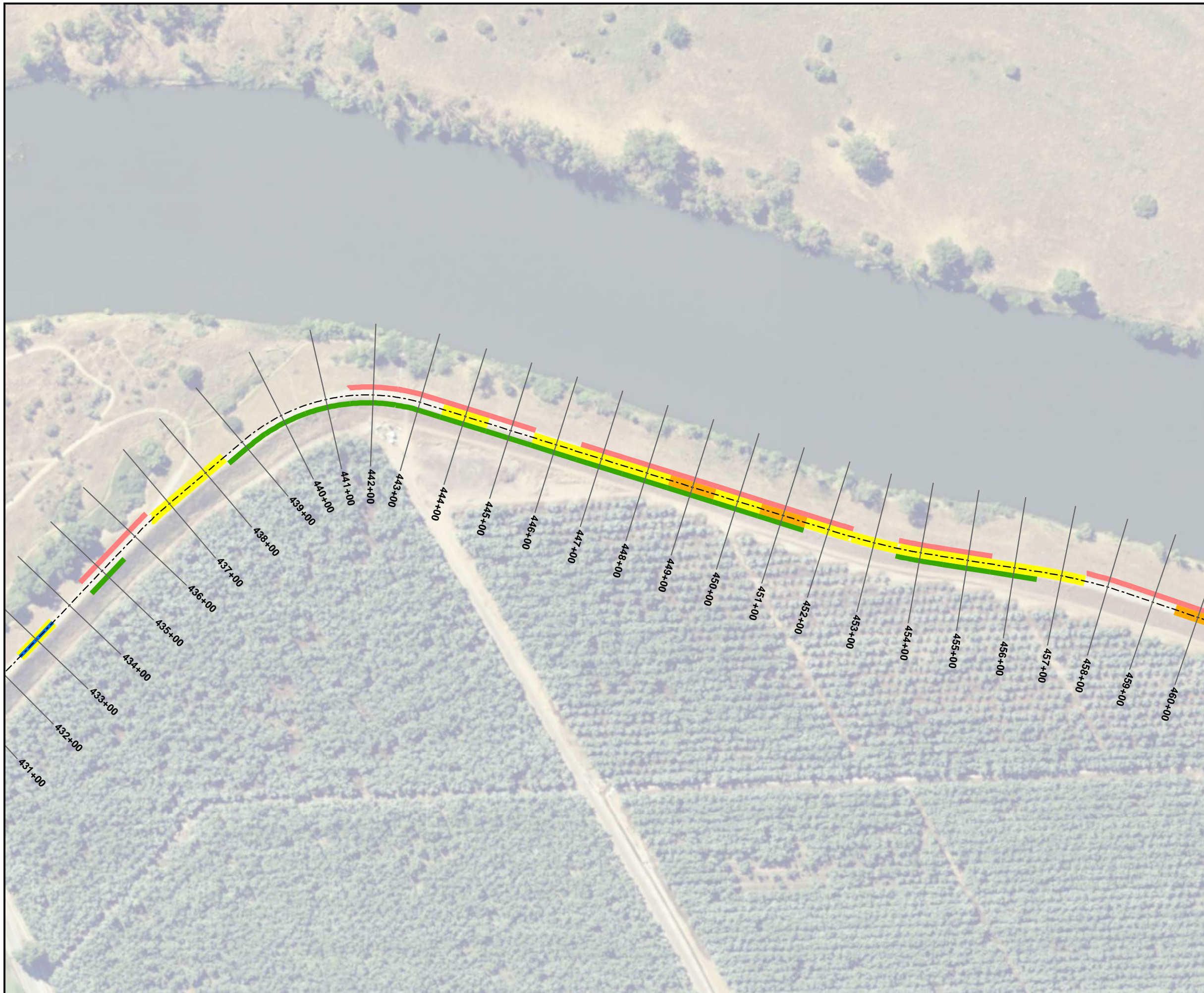


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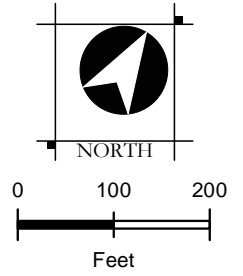
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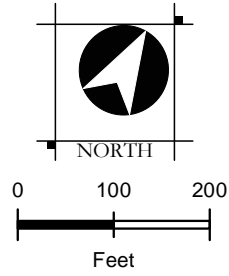
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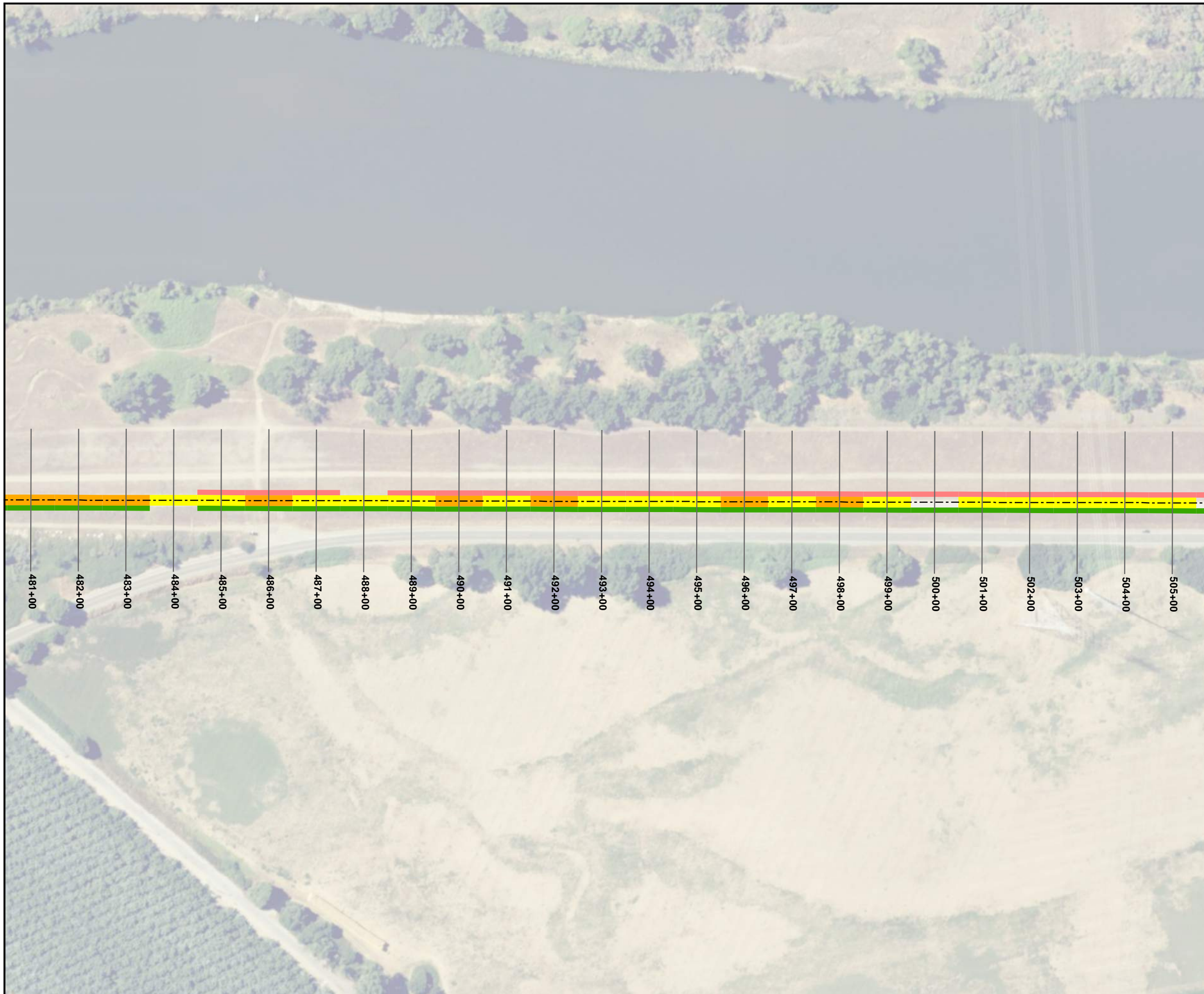


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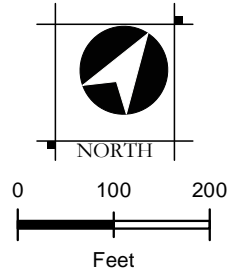


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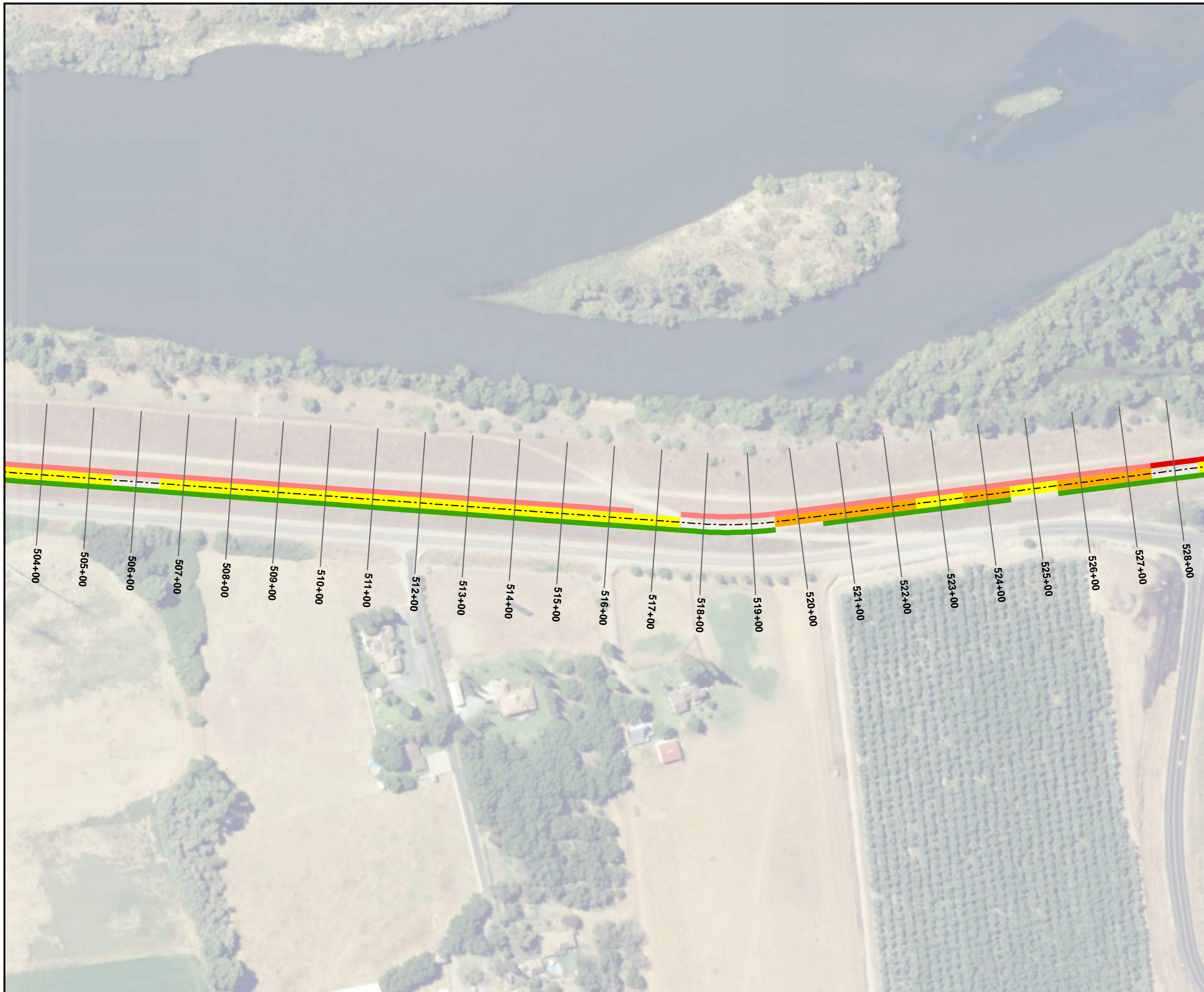


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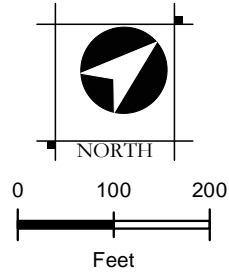
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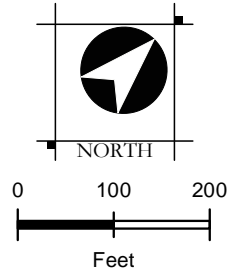
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- Levee Height Deficient
- Crown Deficient - Width < 20ft
- Crown Deficient - Width < 15ft

Slope Deficiencies

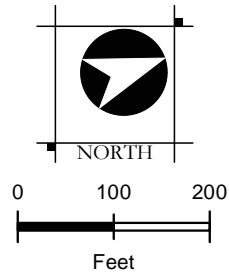
- Land Side Slope Steeper than 2:1
- Water Side Slope Steeper than 2:1
- Water Side Slope Between 2:1 and 3:1



PRELIMINARY



FEATHER RIVER
LEVEE DEFICIENCIES
NICOLAUS FEASIBILITY STUDY
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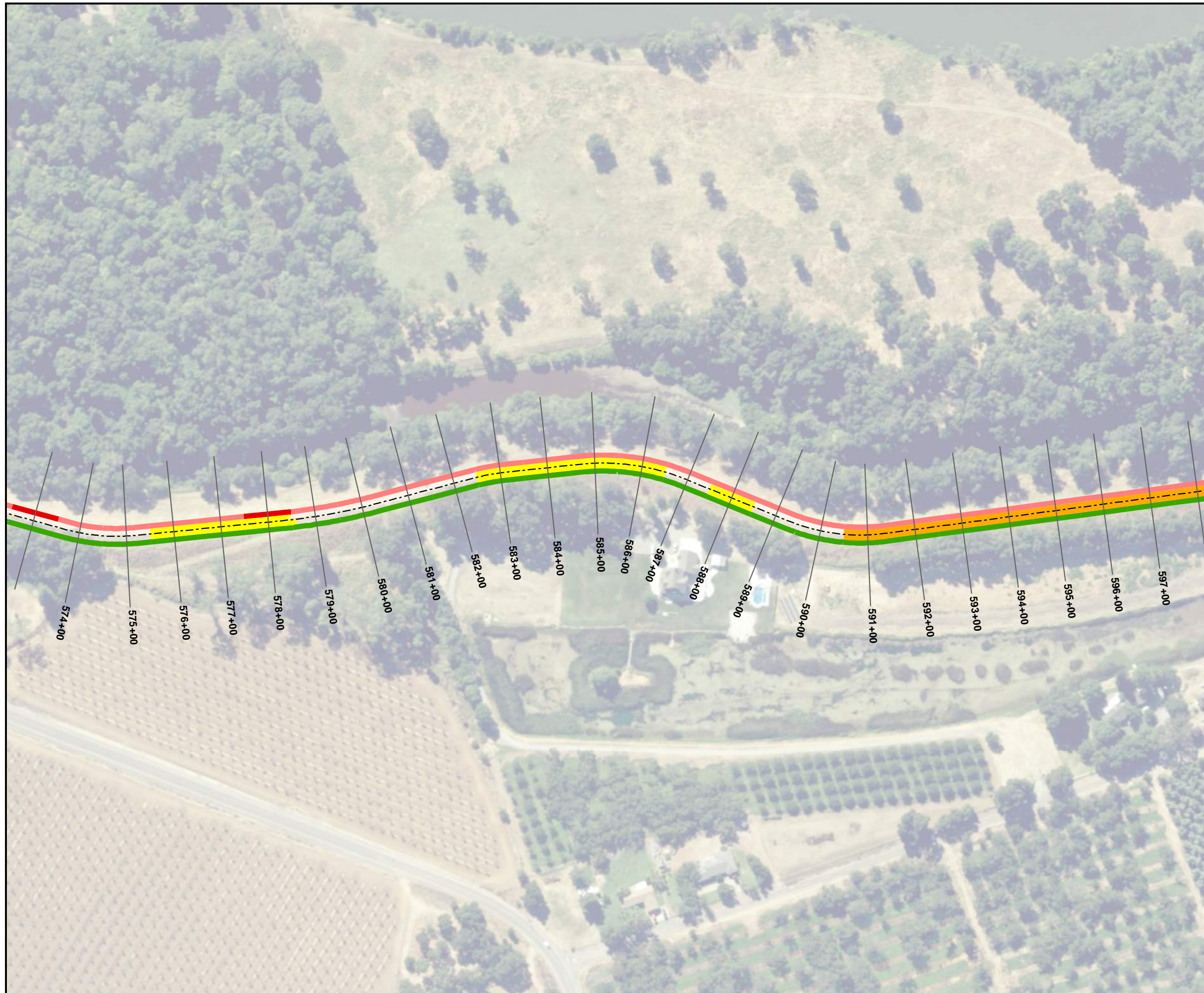


Legend

- Levee Centerline
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Slope Deficiencies

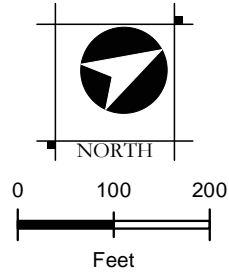
- Land Side Slope Steeper than 2:1
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PRELIMINARY



FEATHER RIVER
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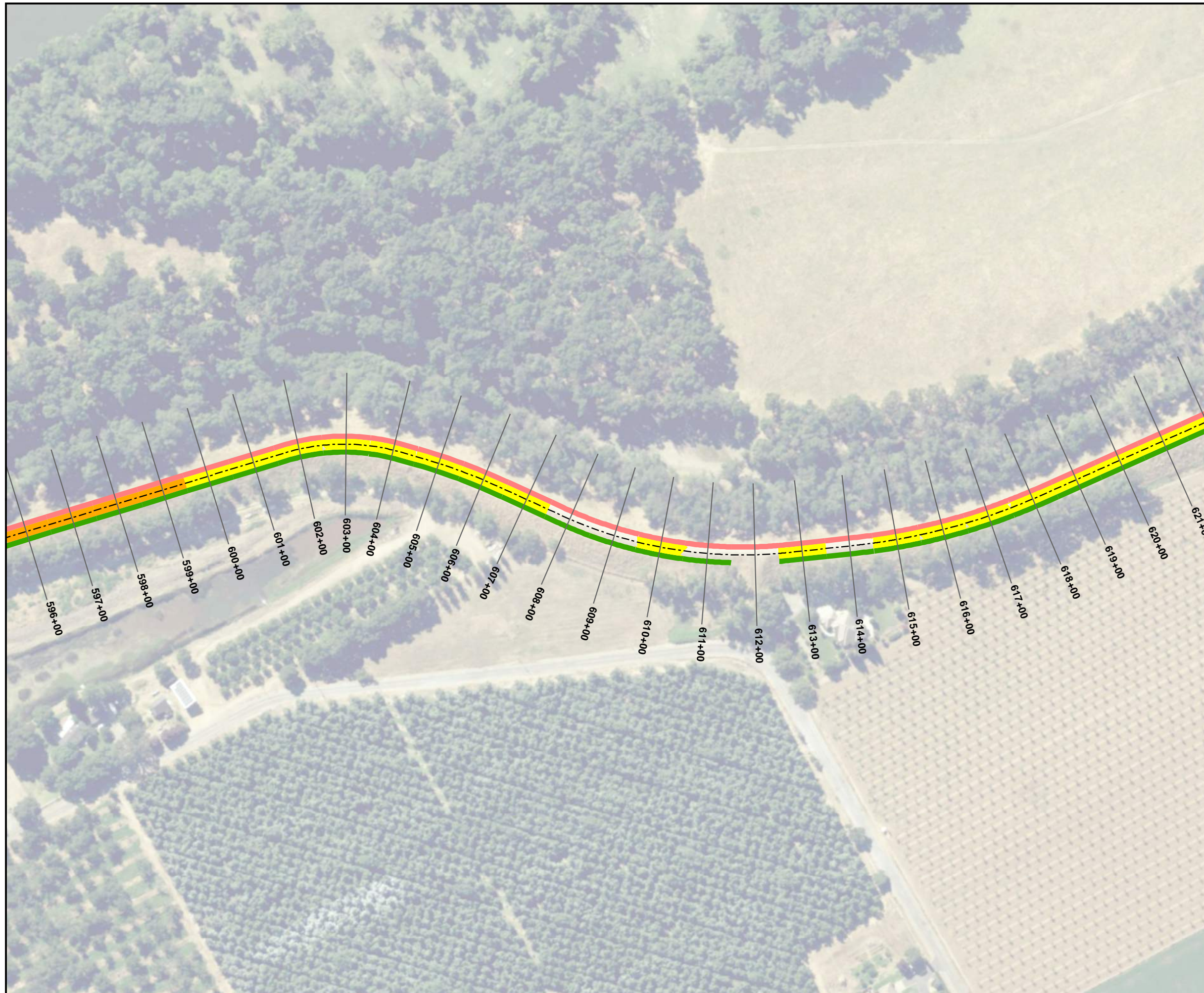


Legend

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Slope Deficiencies

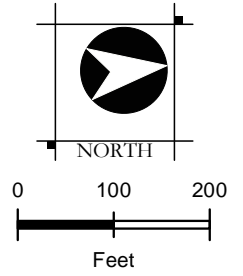
- Land Side Slope Steeper than 2:1
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PRELIMINARY

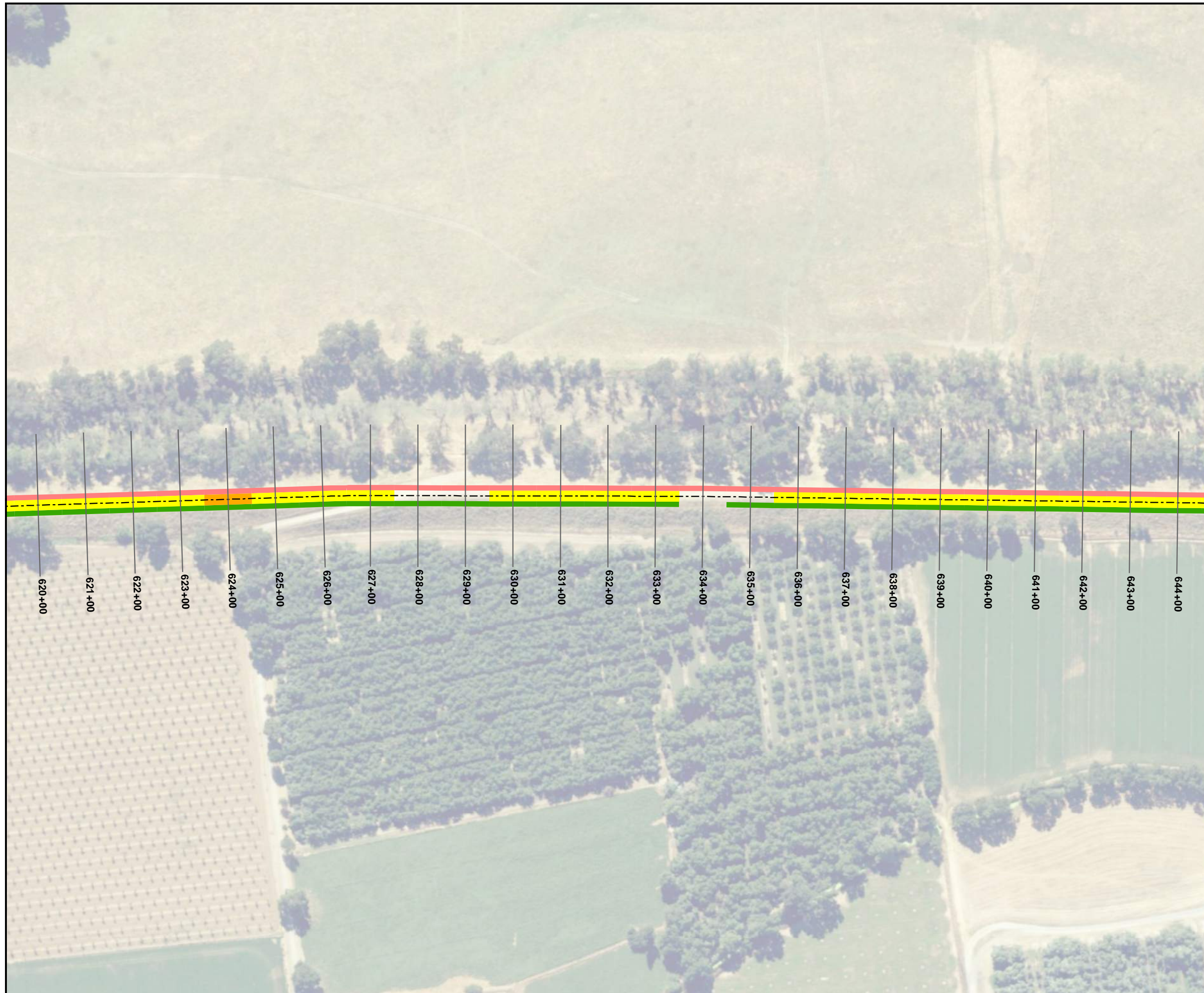


FEATHER RIVER
 LEVEE DEFICIENCIES
 NICOLAUS FEASIBILITY STUDY
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Legend

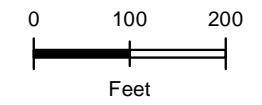
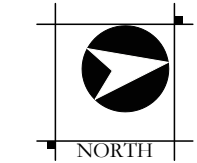
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PRELIMINARY



FEATHER RIVER
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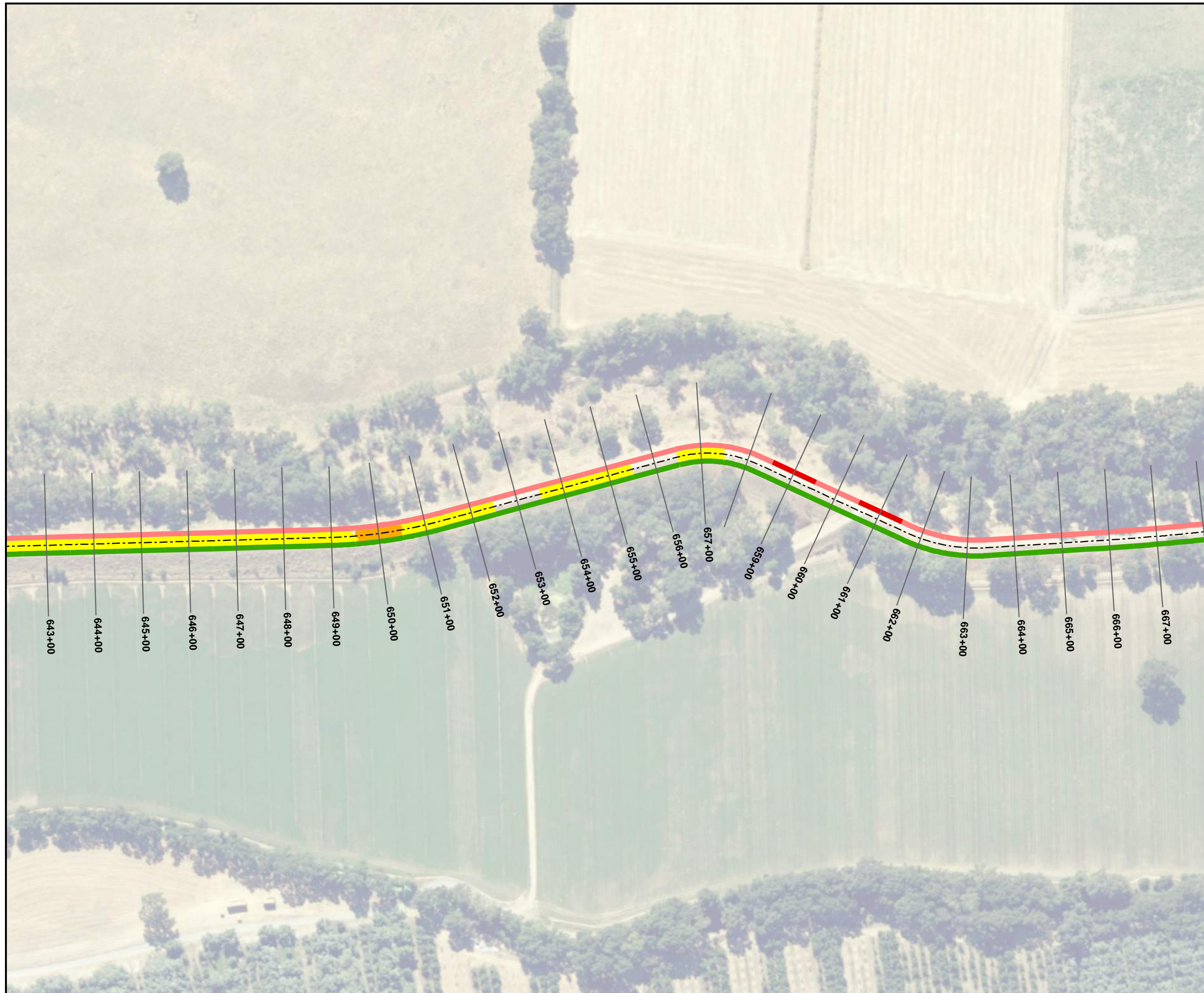


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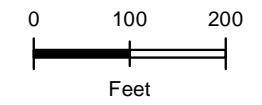
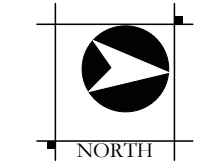
- Land Side Slope Steeper than 2:1
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PRELIMINARY

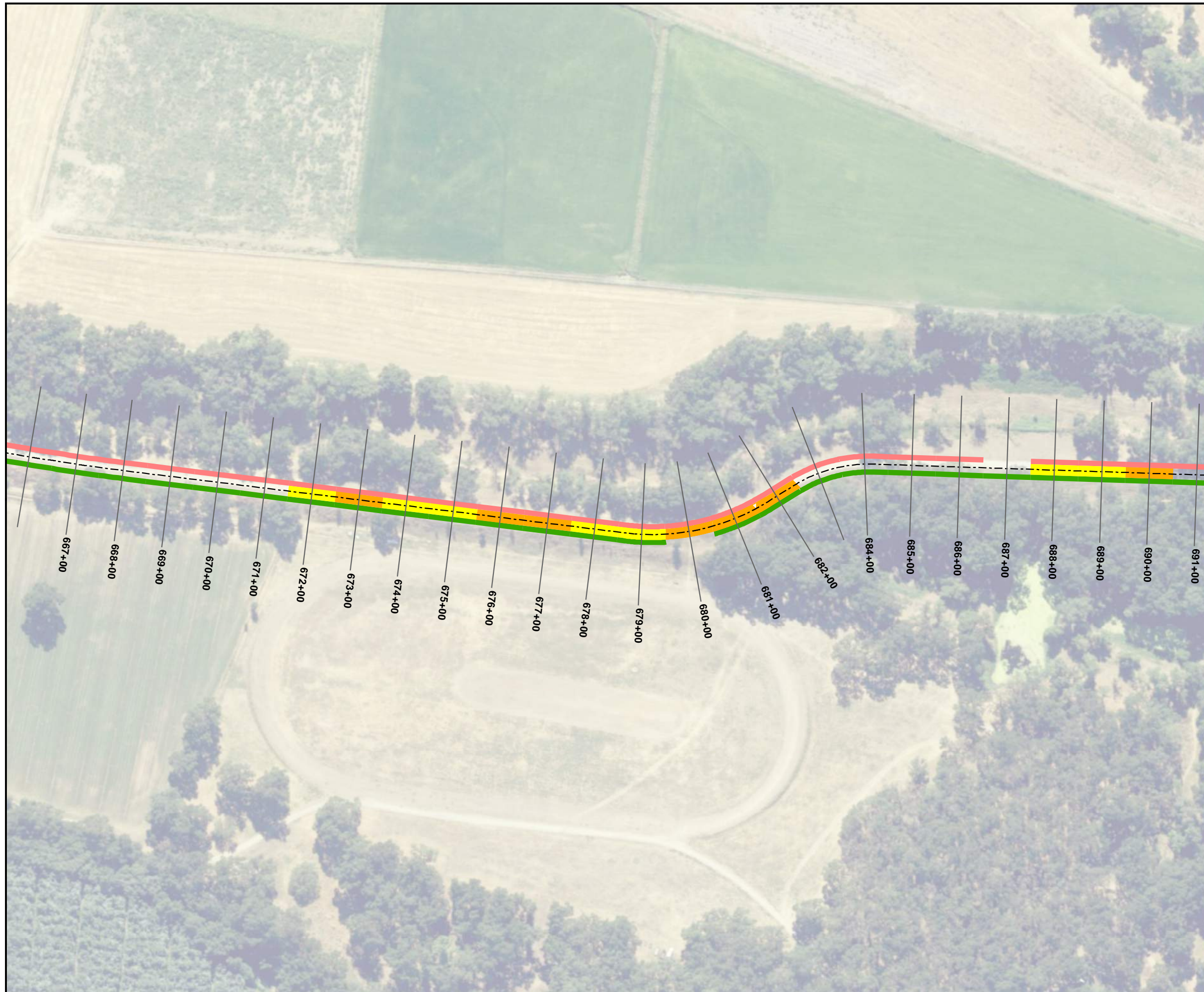


FEATHER RIVER
LEVEE DEFICIENCIES
NICOLAUS FEASIBILITY STUDY
NICOLAUS, CA
AUGUST, 2019



Legend

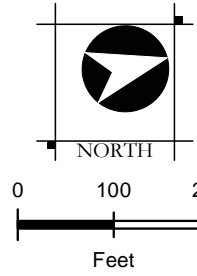
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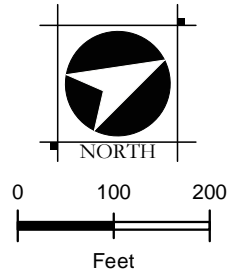


PRELIMINARY



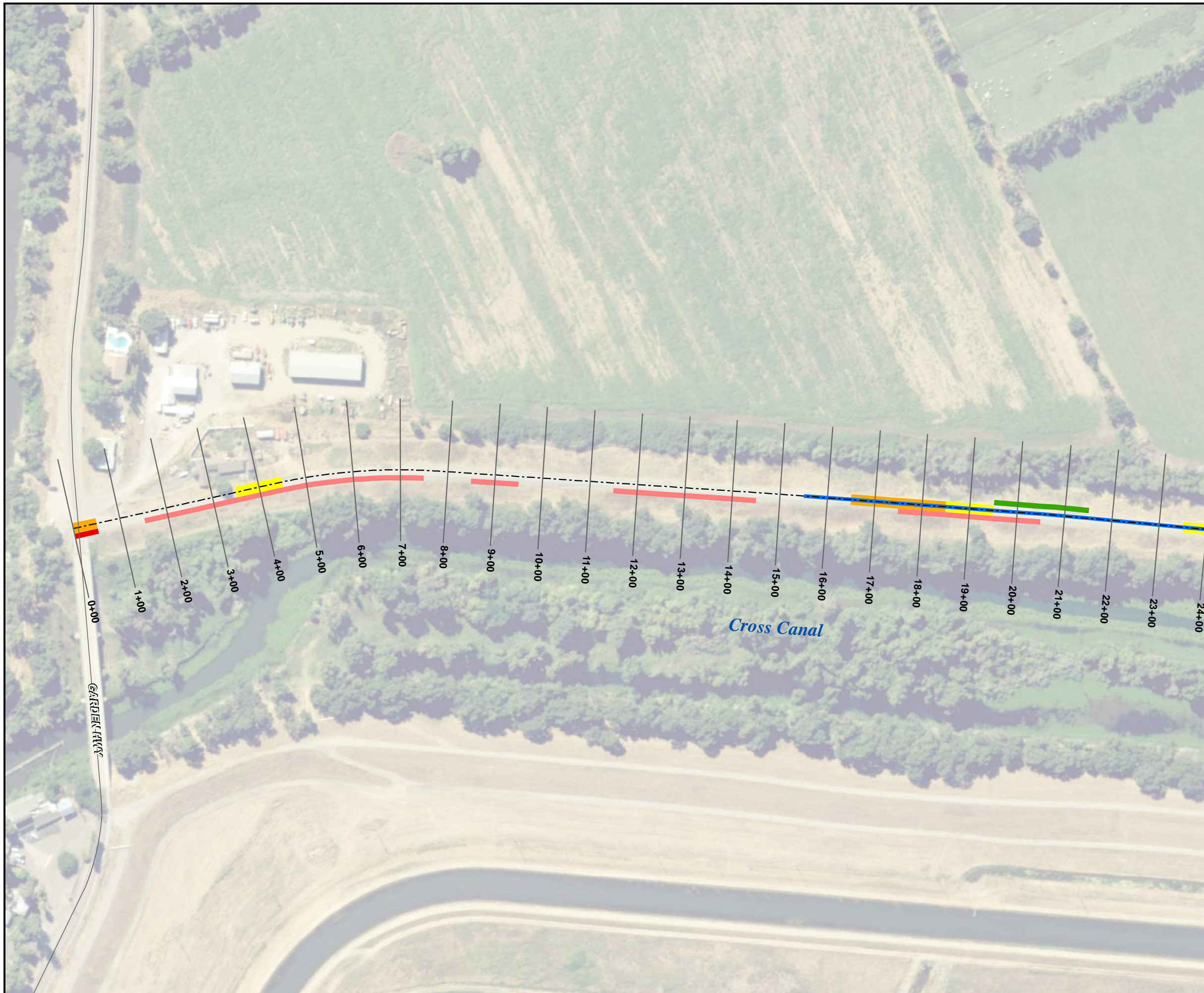
Levee Deficiencies Strip Maps – Natomas Cross Canal North Levee

CROSS CANAL
LEVEE DEFICIENCIES
NICOLAUS FEASIBILITY STUDY
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Legend

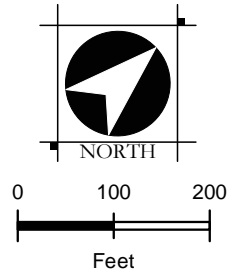
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PRELIMINARY



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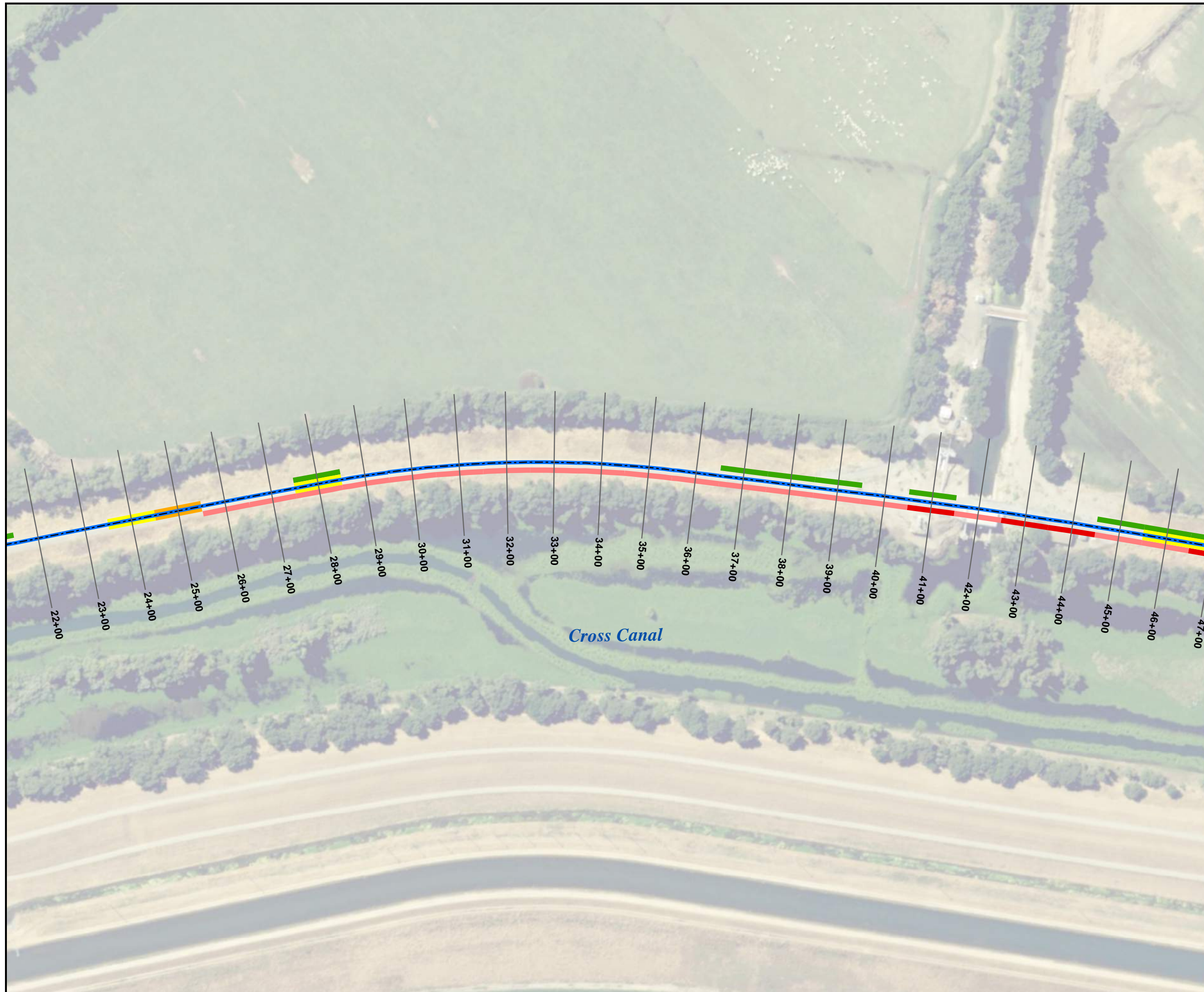


Legend

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Slope Deficiencies

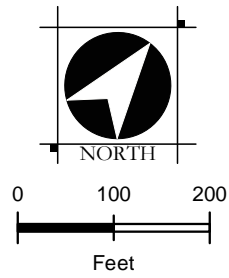
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PRELIMINARY

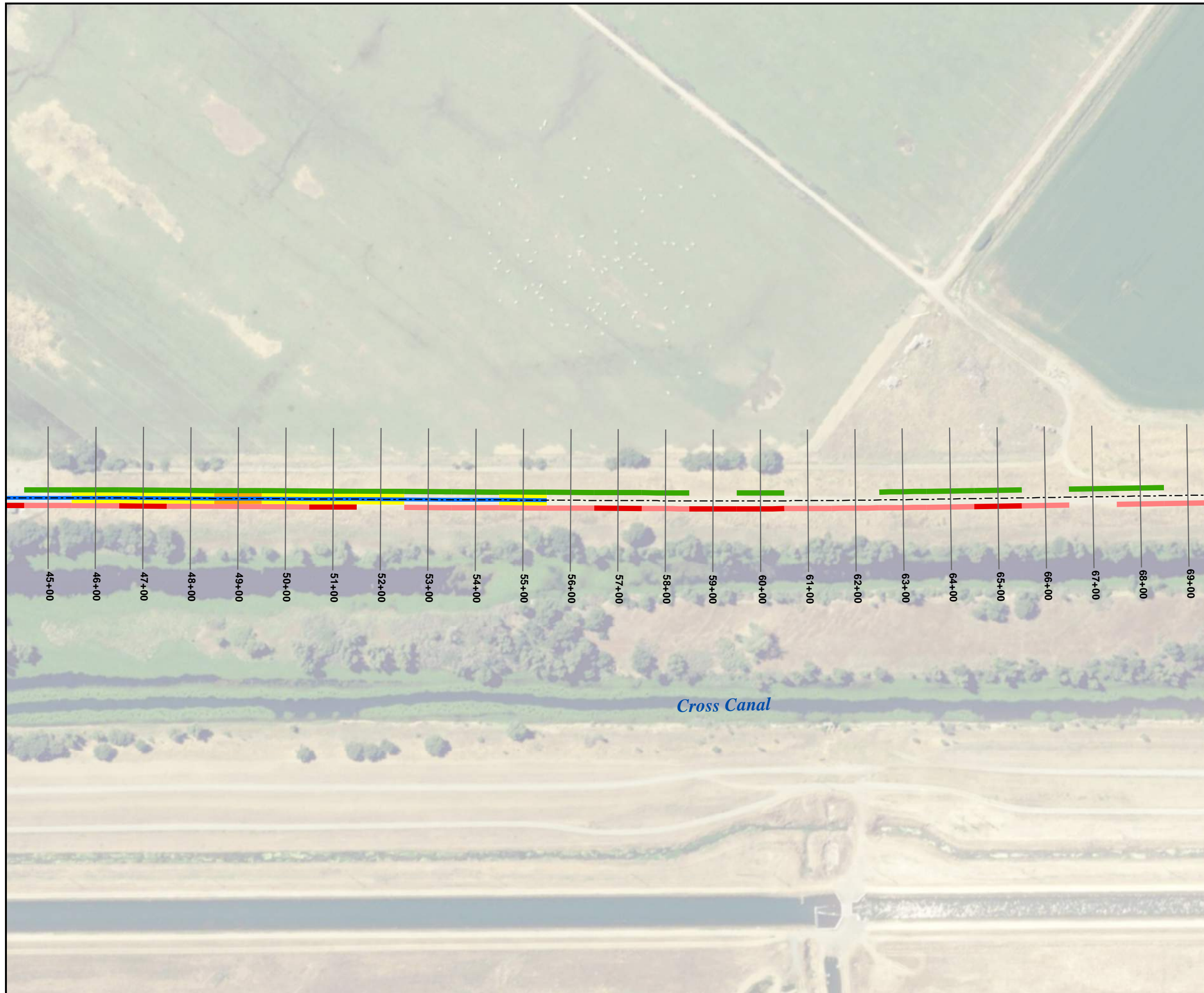


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LEVEE DEFICIENCIES
NICOLAUS FEASIBILITY STUDY
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Legend

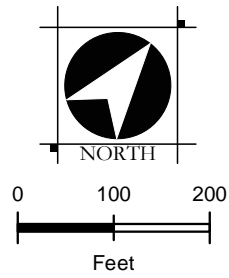
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PRELIMINARY



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 LEVEE DEFICIENCIES
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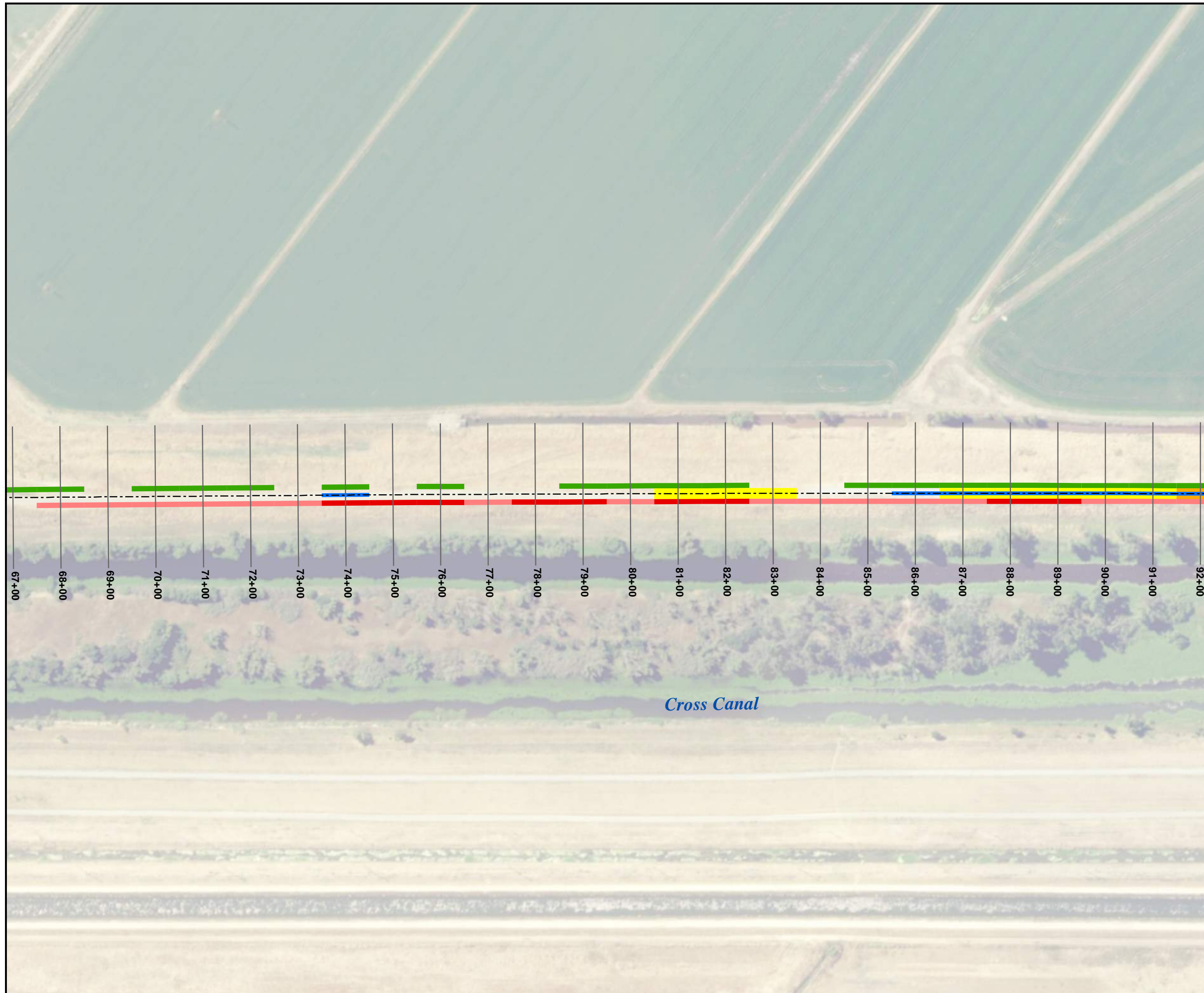


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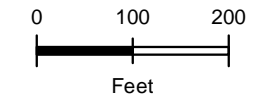
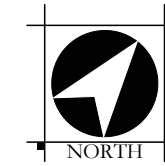
67+00 68+00 69+00 70+00 71+00 72+00 73+00 74+00 75+00 76+00 77+00 78+00 79+00 80+00 81+00 82+00 83+00 84+00 85+00 86+00 87+00 88+00 89+00 90+00 91+00 92+00

Cross Canal

PRELIMINARY

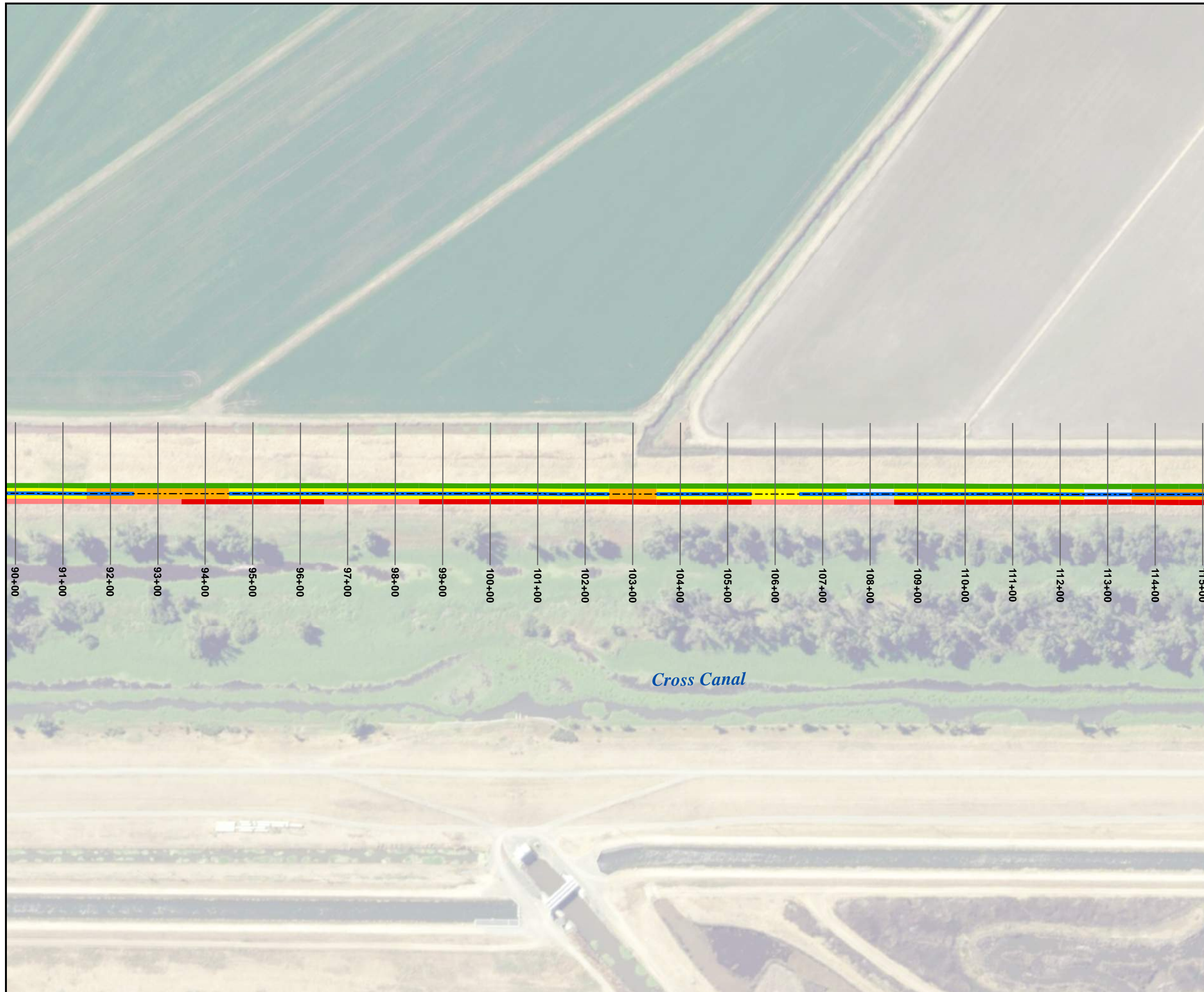


CROSS CANAL
LEVEE DEFICIENCIES
NICOLAUS FEASIBILITY STUDY
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Legend

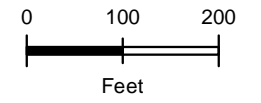
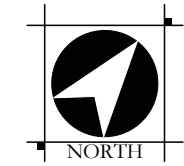
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PRELIMINARY

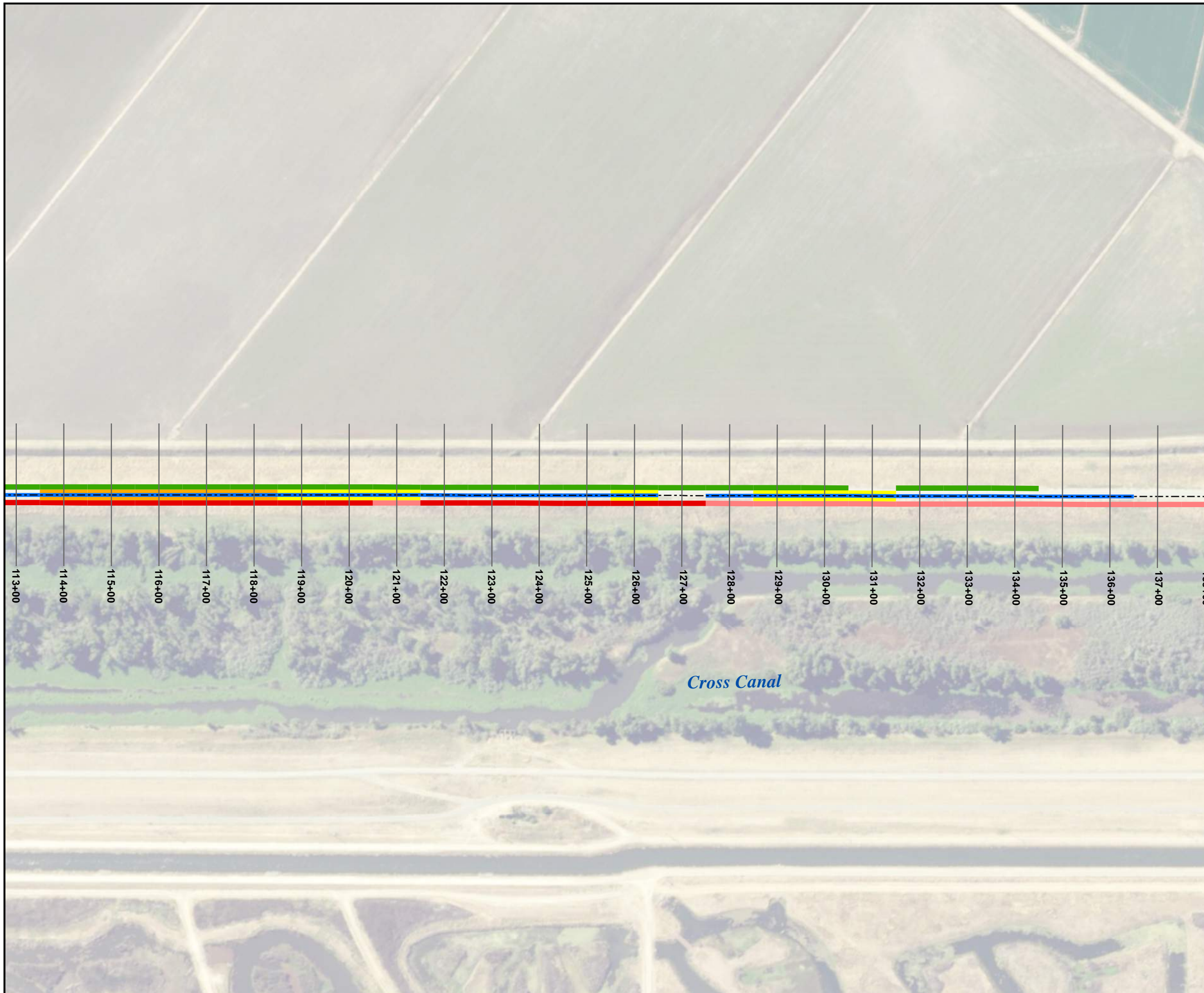


CROSS CANAL
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Legend

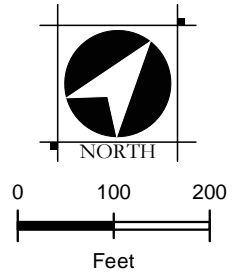
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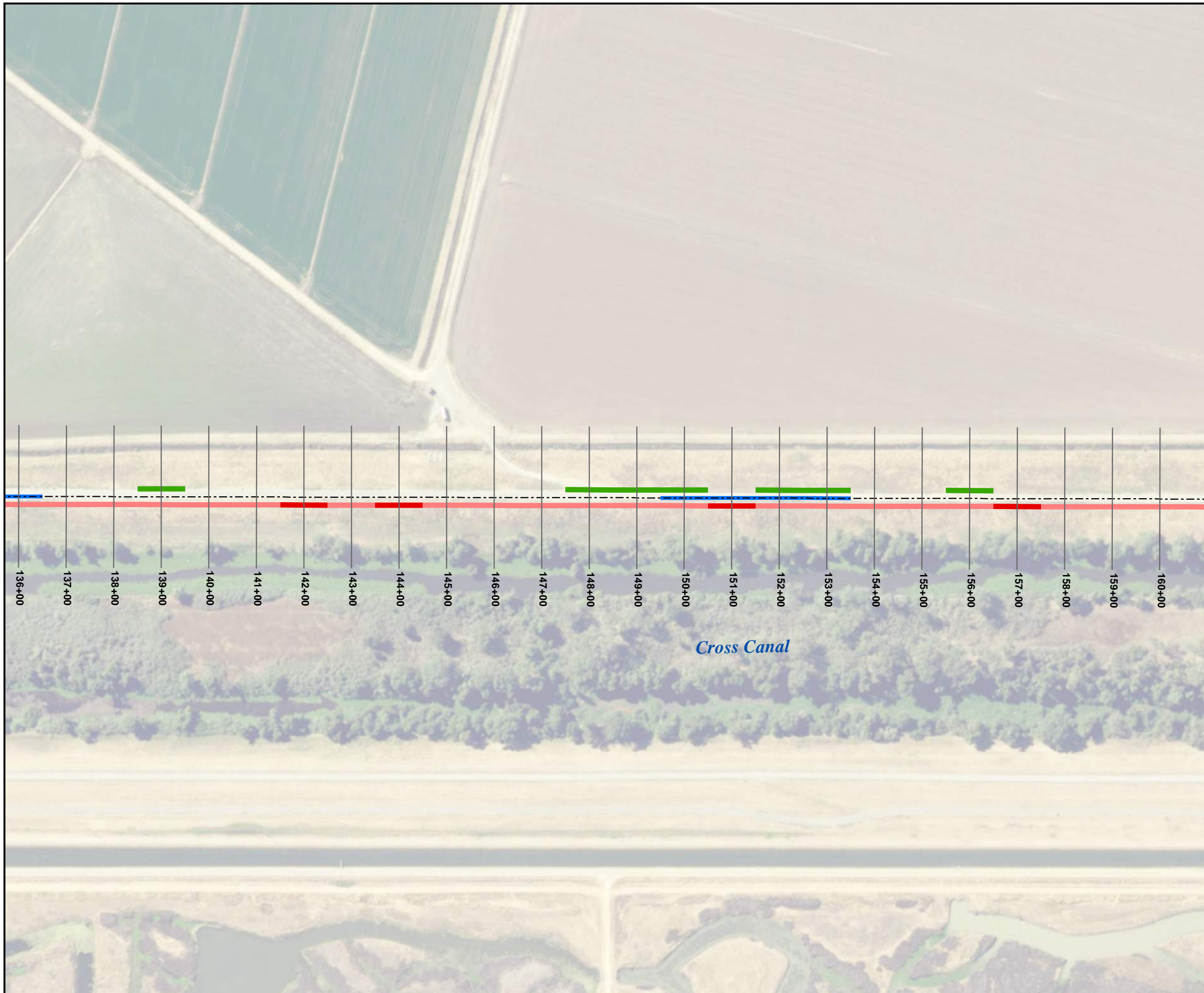


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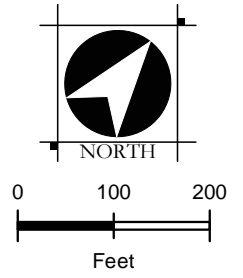
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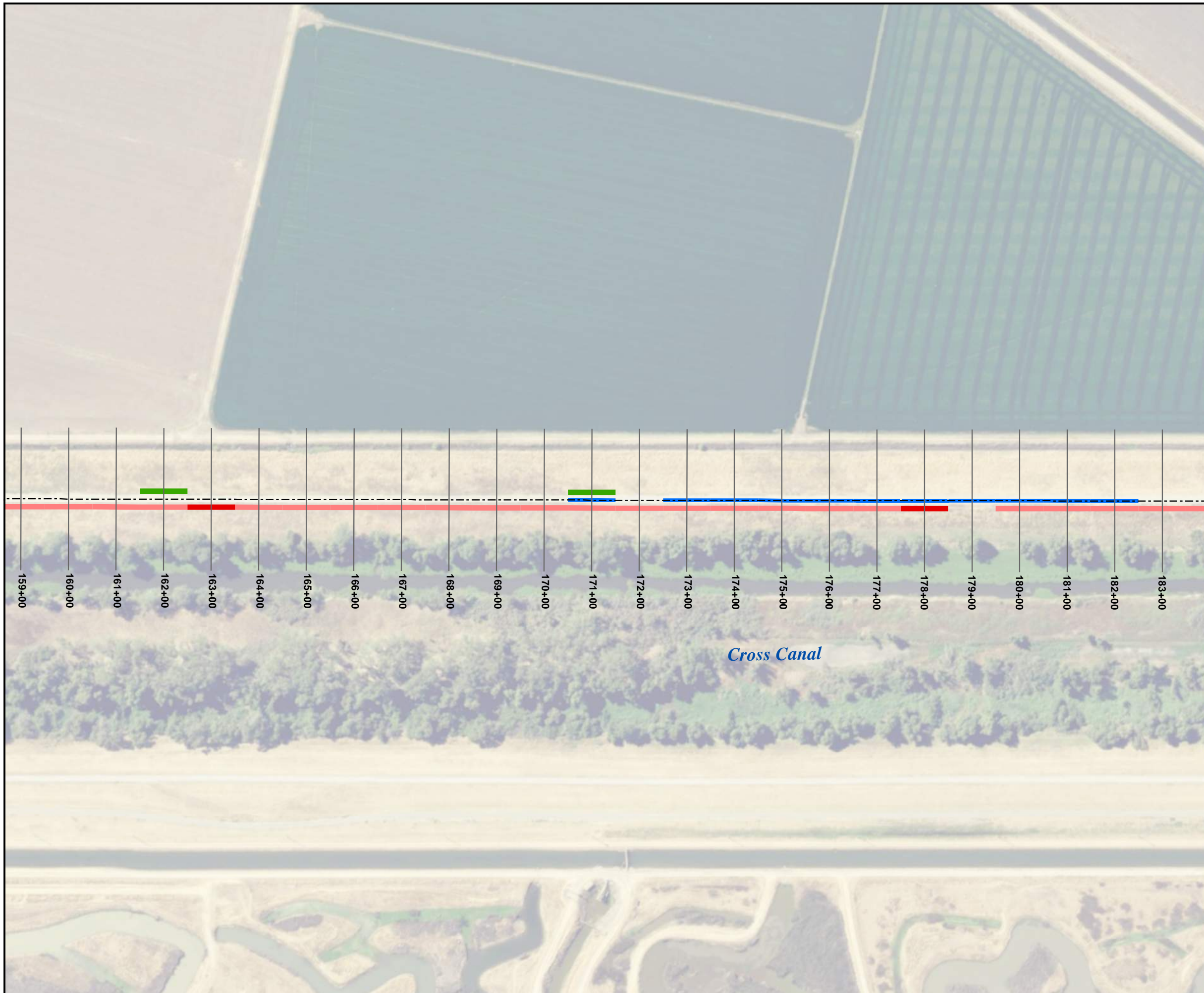


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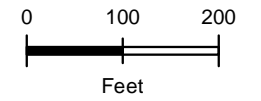
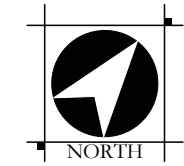
- █ Land Side Slope Steeper than 2:1
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PRELIMINARY

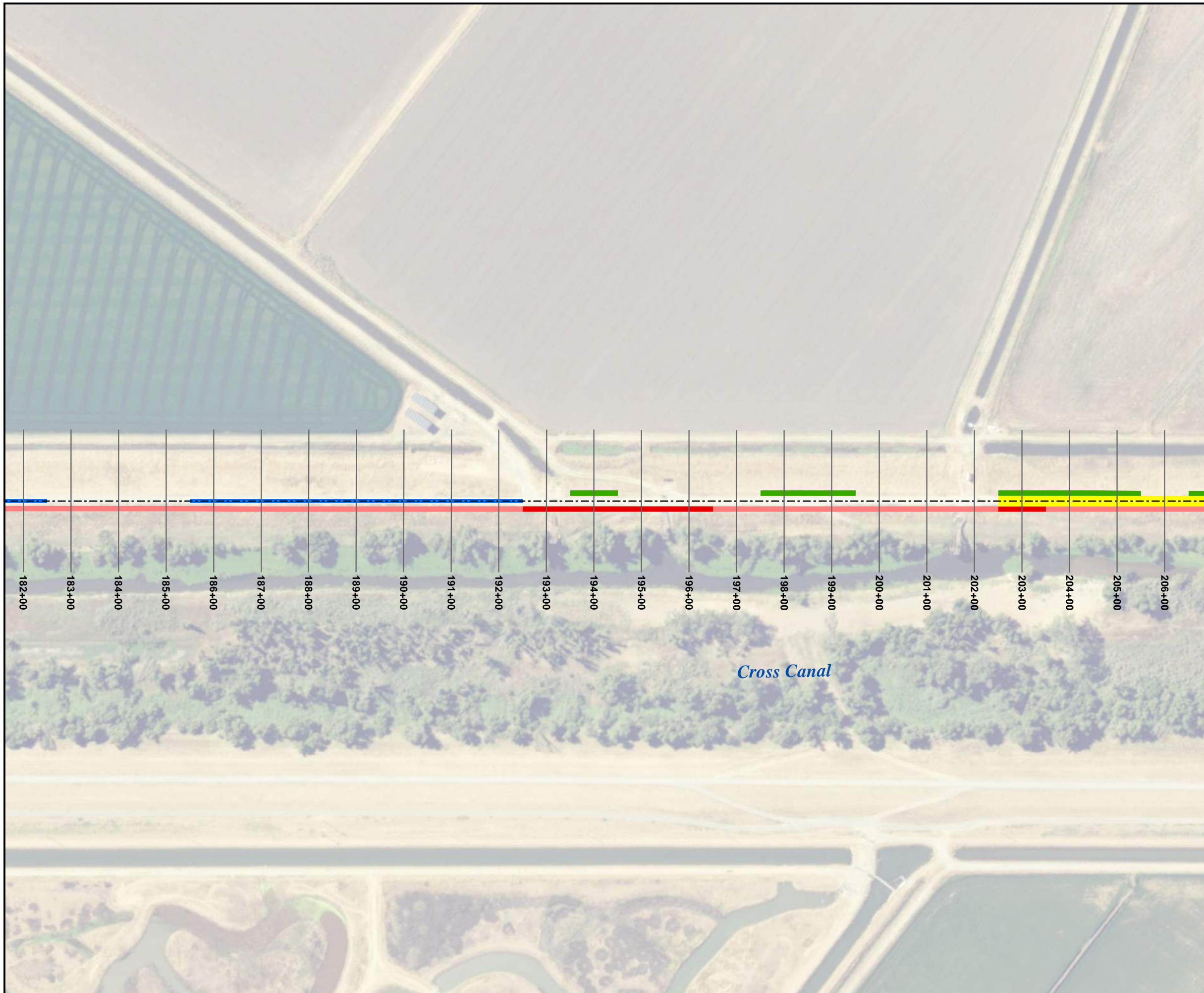


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NICOLAUS FEASIBILITY STUDY
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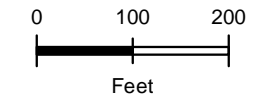
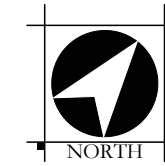
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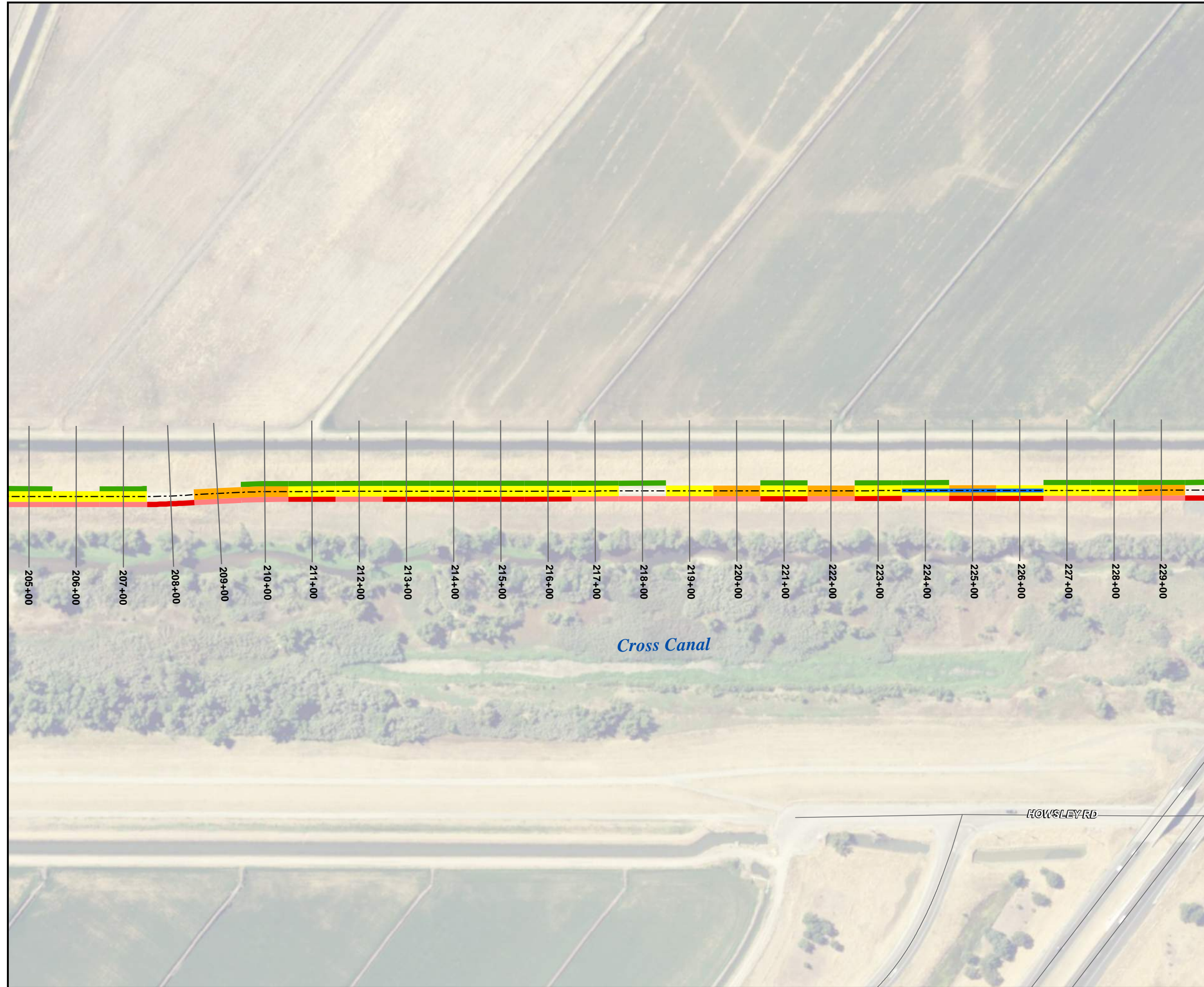


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Legend

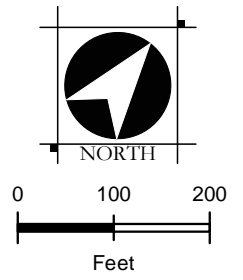
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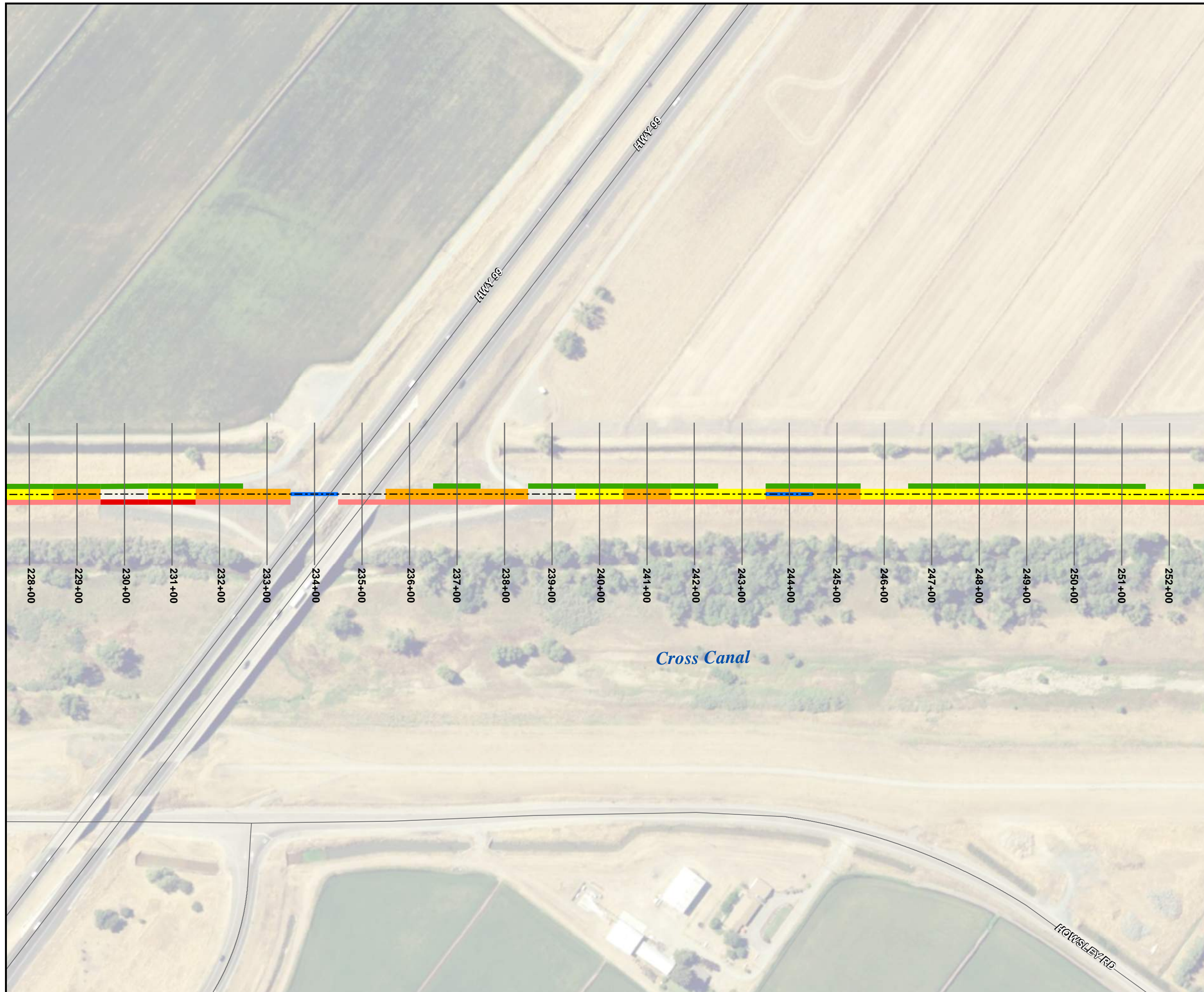


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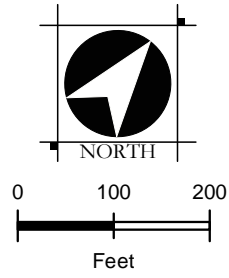
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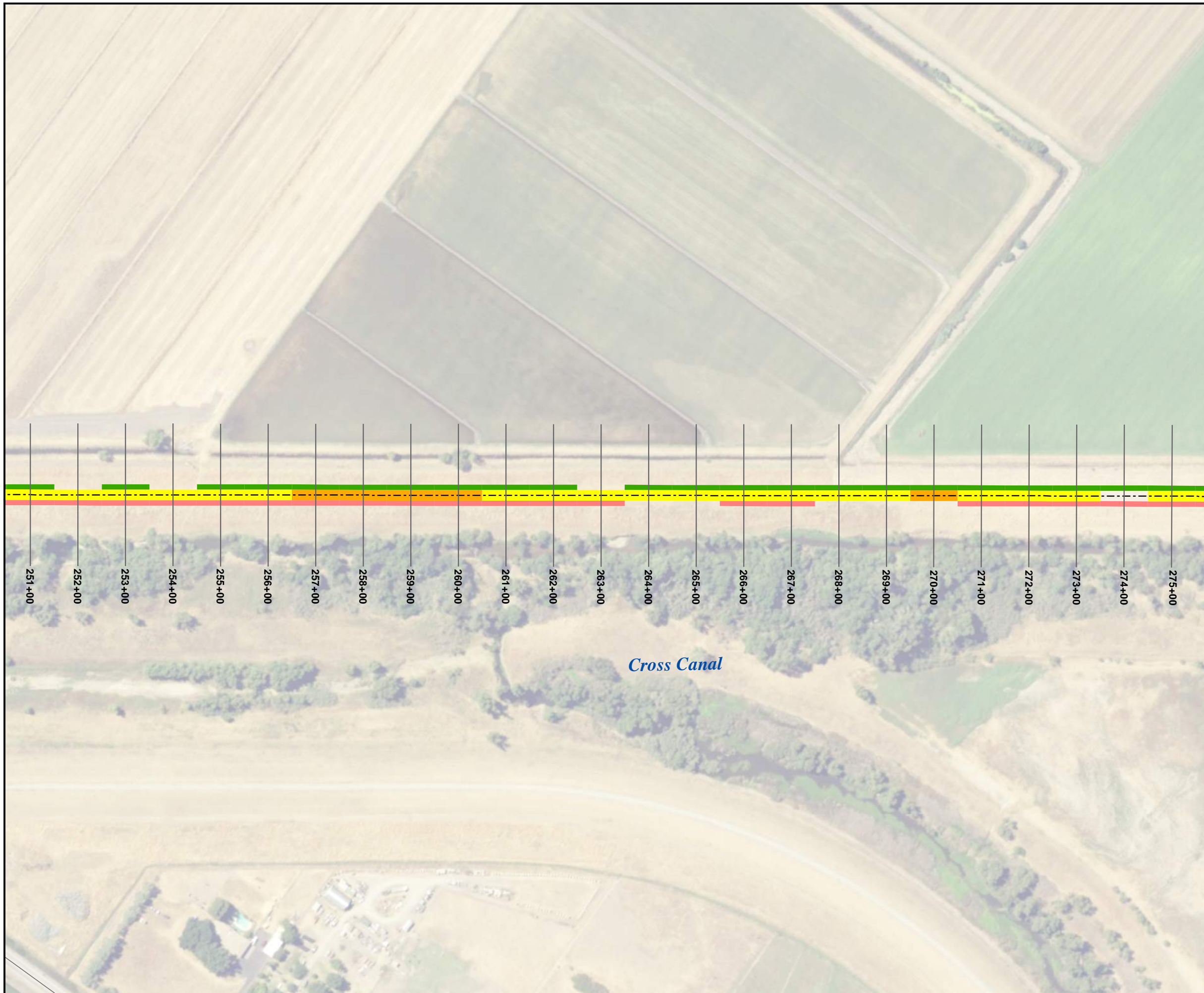


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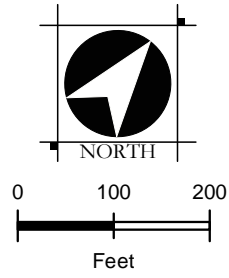
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PRELIMINARY

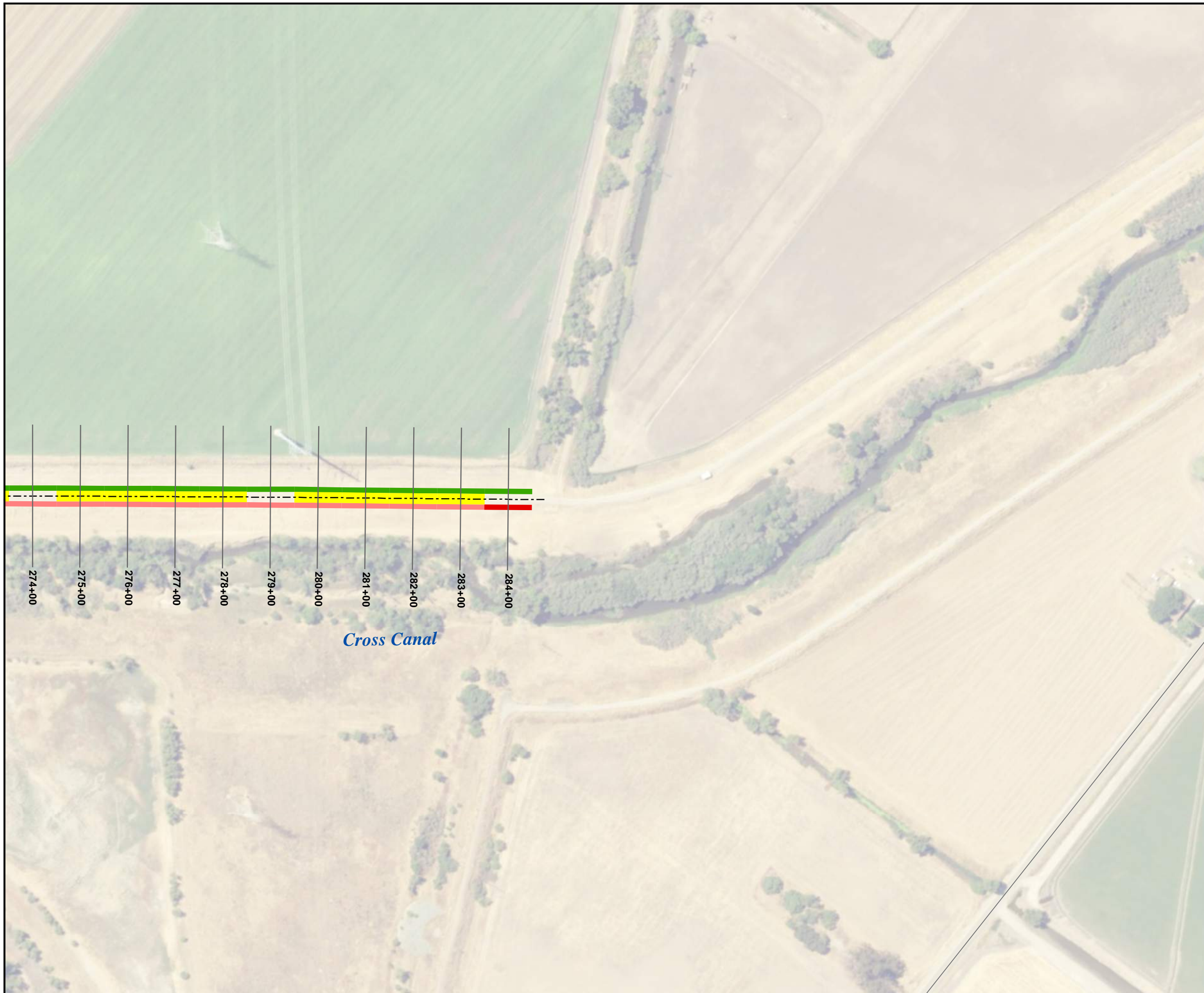


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