

North Pole Road/Rail Crossing Reduction Project FONSI

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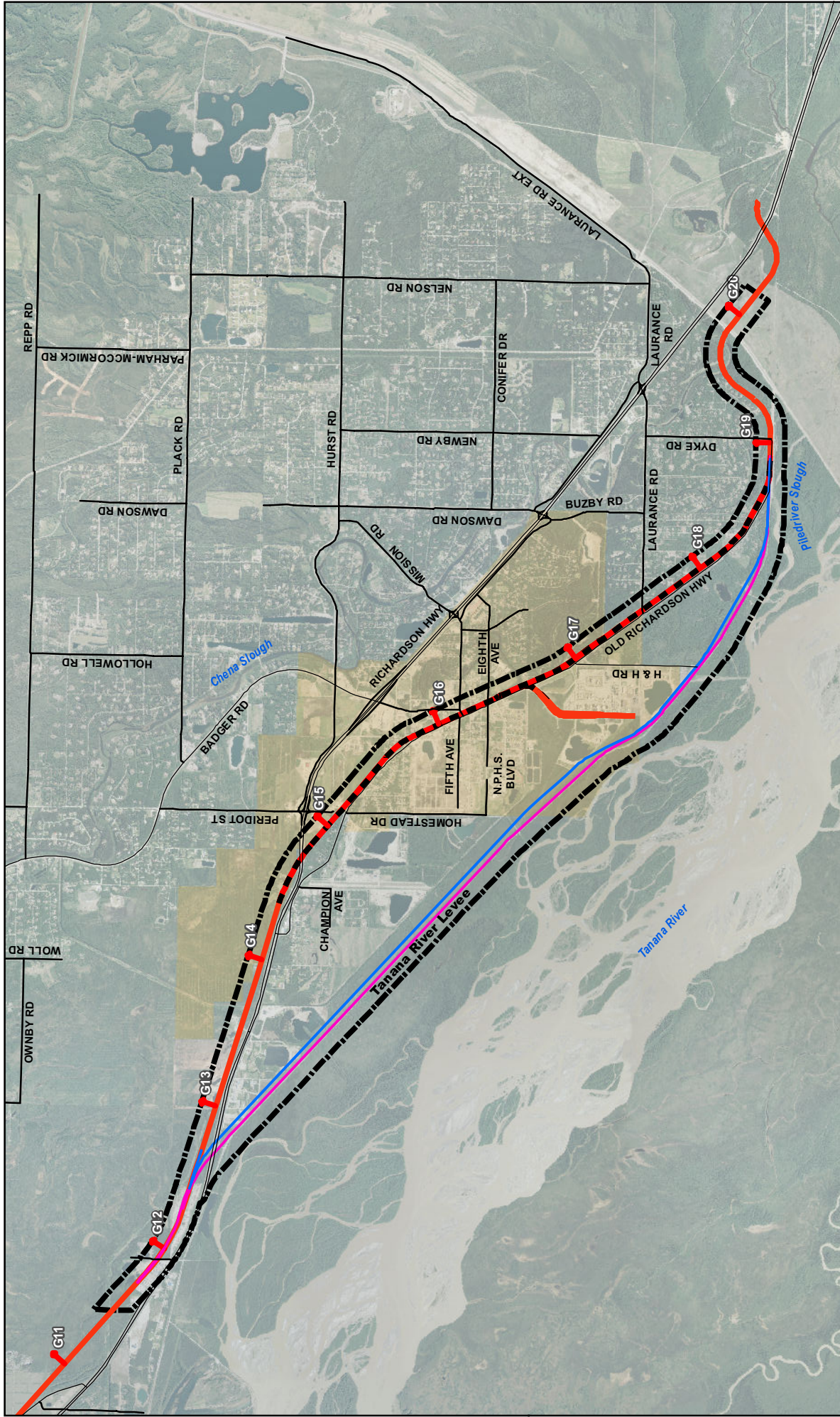


Figure 2-1
 Alternatives A and C

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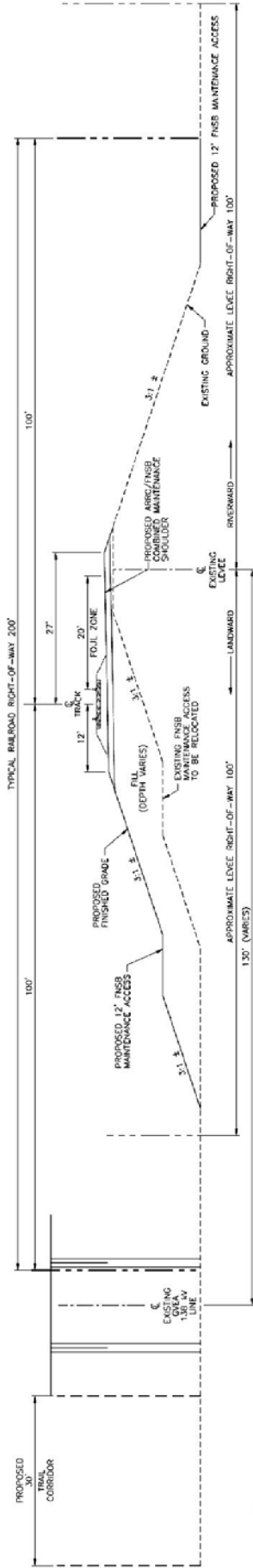


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- Alternative C (Proposed Action)
- Alternative A
- Existing Track to be Removed
- Existing Rail Alignment
- City of North Pole
- Project Study Area

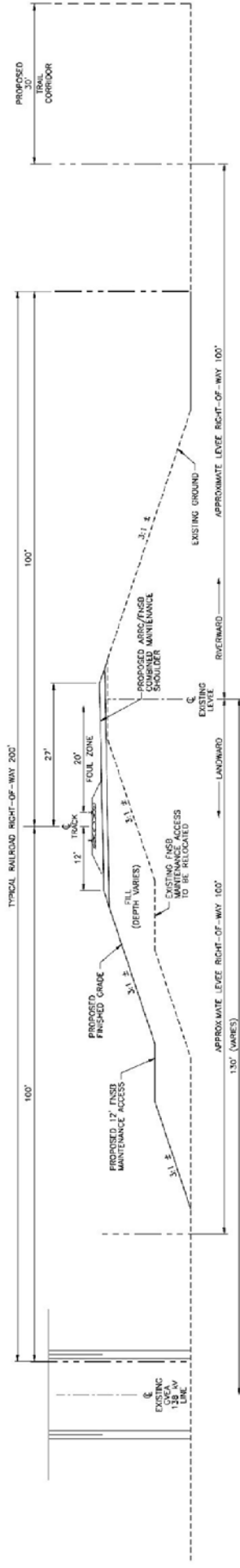


1 TYPICAL SECTION - ALTERNATIVE A BEFORE N.P.H.S. TRAIL CROSSING (FROM STA. 63+90 / MP G12.9A TO STA. 206+00 / MP G15.6A)

EX-B/A

NOTES:

1. SOME IMPACTS MAY OCCUR ON THE RIVERWARD SIDE OF THE LEVEE AT POINTS ALONG THE PROPOSED ALIGNMENT.
2. ALTERNATIVE A IS COMBINATION OF ALTERNATIVES A AND D DISCUSSED AT THE 01/26/11 SCOPING MEETING.



1 TYPICAL SECTION - ALTERNATIVE A AFTER N.P.H.S. TRAIL CROSSING (FROM STA. 206+00 / MP G15.6A TO STA. 291+20 / MP G17.2A)

EX-B/A

NOTES:

1. SOME IMPACTS MAY OCCUR ON THE RIVERWARD SIDE OF THE LEVEE AT POINTS ALONG THE PROPOSED ALIGNMENT.
2. ALTERNATIVE A IS COMBINATION OF ALTERNATIVES A AND D DISCUSSED AT THE 01/26/11 SCOPING MEETING.



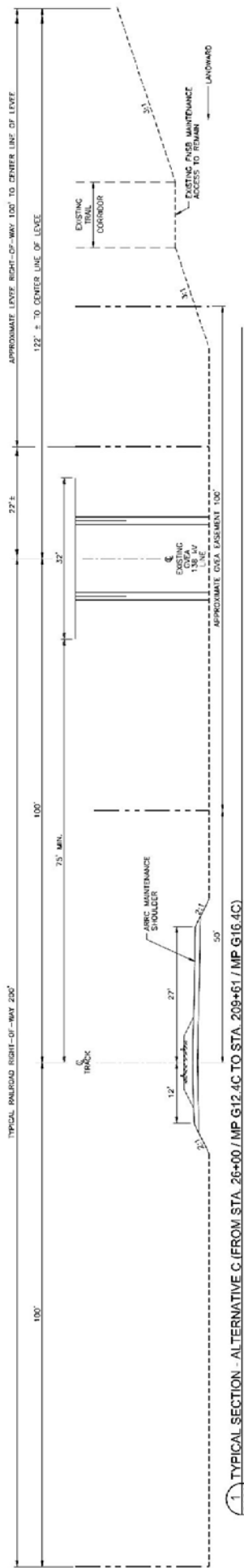
Figure 2-3
Typical Rail Section with
Trail Corridors (Alternative A)

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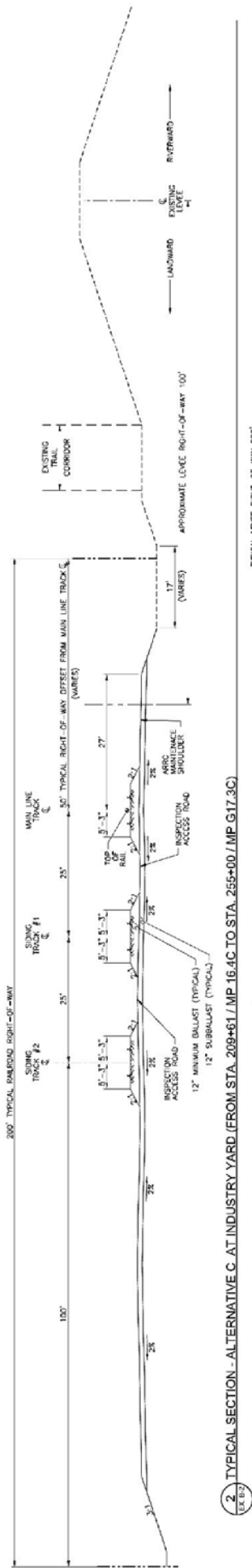
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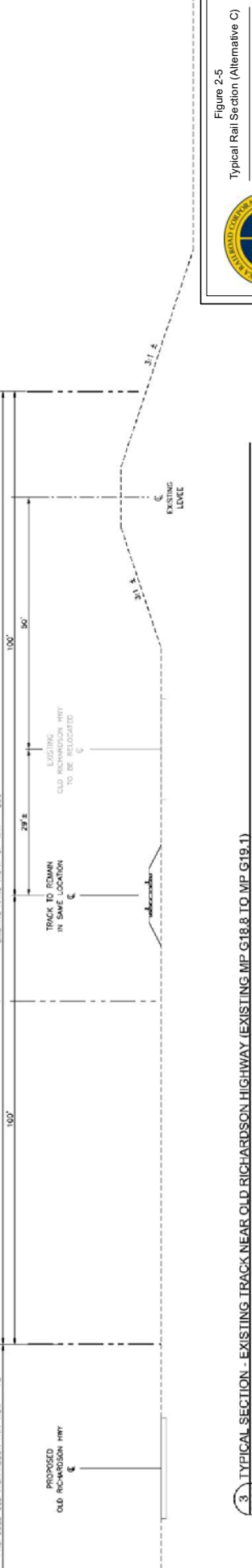
1. TYPICAL SECTION - ALTERNATIVE C (FROM STA. 26+00 TO STA. 209+61 / MP G16.4C)

NOTES:

- SOME IMPACTS MAY OCCUR ON THE RIVERWARD SIDE OF THE LEVEE AT POINTS ALONG THE PROPOSED ALIGNMENT.
- ALTERNATIVE A IS COMBINATION OF ALTERNATIVES A AND D DISCUSSED AT THE 01/26/11 SCOPING MEETING.



2. TYPICAL SECTION - ALTERNATIVE C AT INDUSTRY YARD (FROM STA. 209+61 / MP 16.4C TO STA. 255+00 / MP G17.3C)



3. TYPICAL SECTION - EXISTING TRACK NEAR OLD RICHARDSON HIGHWAY (EXISTING MP G18.8 TO MP G19.1)

NOTES:

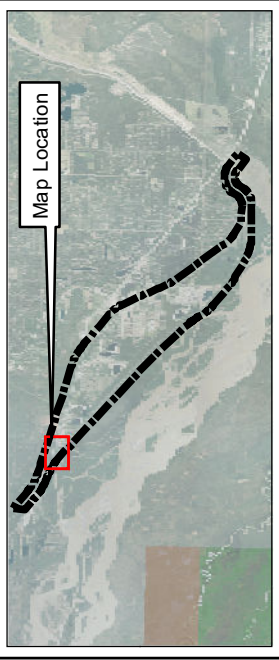
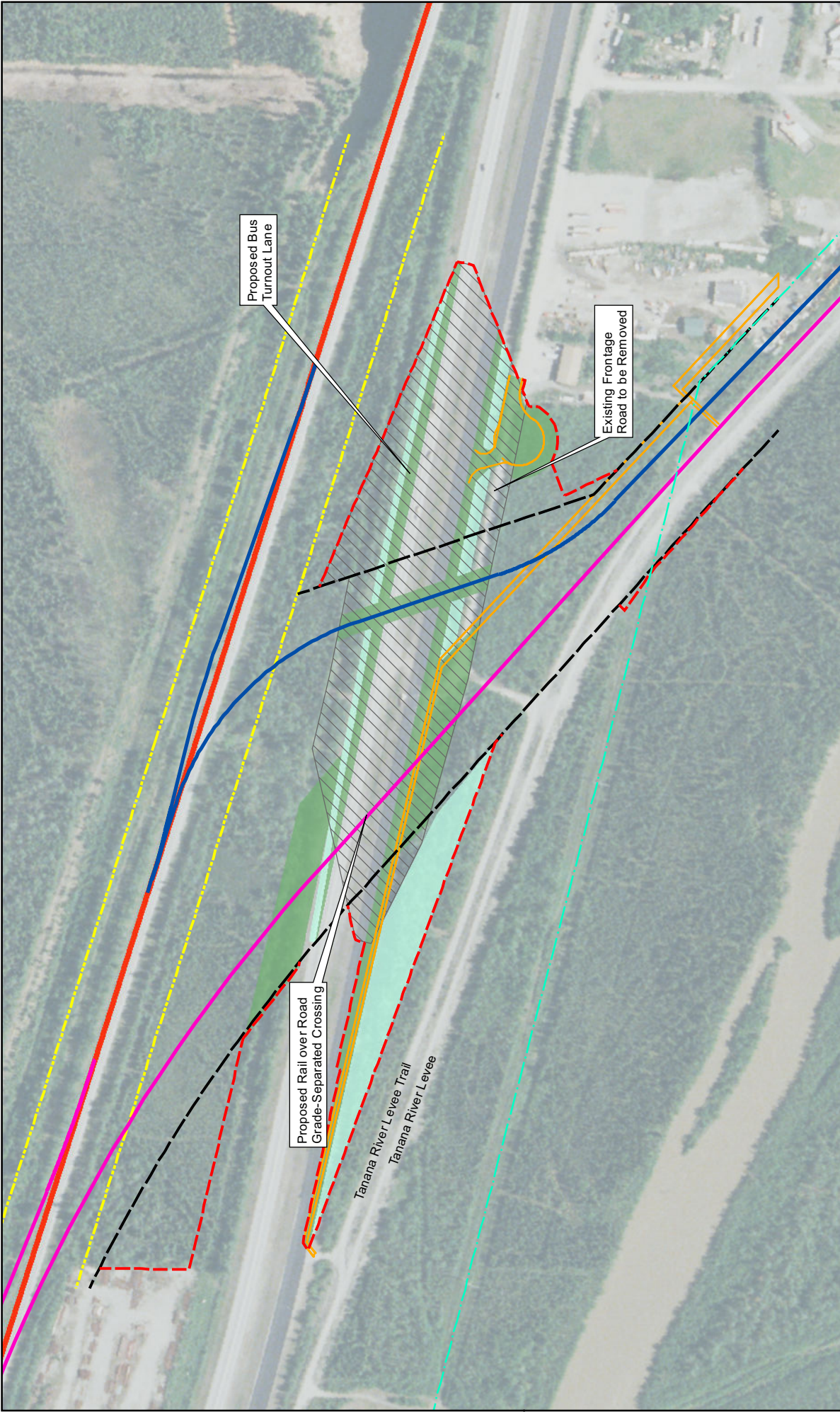
- TRACK SECTION AND LOCATION WILL VARY BASED ON THE LOCATION OF THE OVER LINE ALONG THE CORRIDOR.

Figure 2-5
 Typical Rail Section (Alternative C)

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|--|---|
| Alternative A (Grade-Separated Crossing Option) | Proposed Limits of Impacts Outside ROW |
| Proposed Rail (Temporary At-Grade Crossing Option) | Proposed ARRC ROW |
| Existing Rail Alignment | Proposed Road Improvements |
| Project Study Area | Proposed Impacts Due to Grading & Improvements |
| Existing 200' ARRC ROW | Proposed Areas for Drainage to Sight Triangles |
| | Proposed Impacts Due to Overhead Electric Lines |

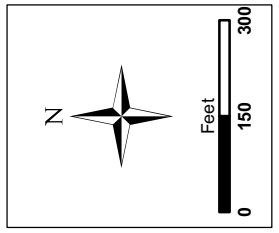


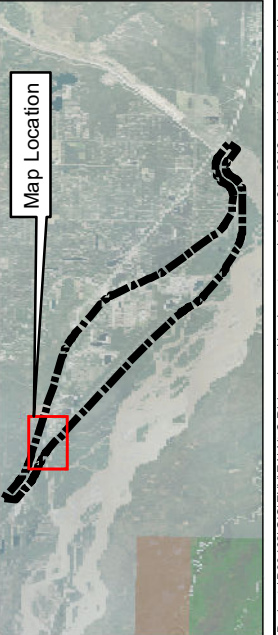
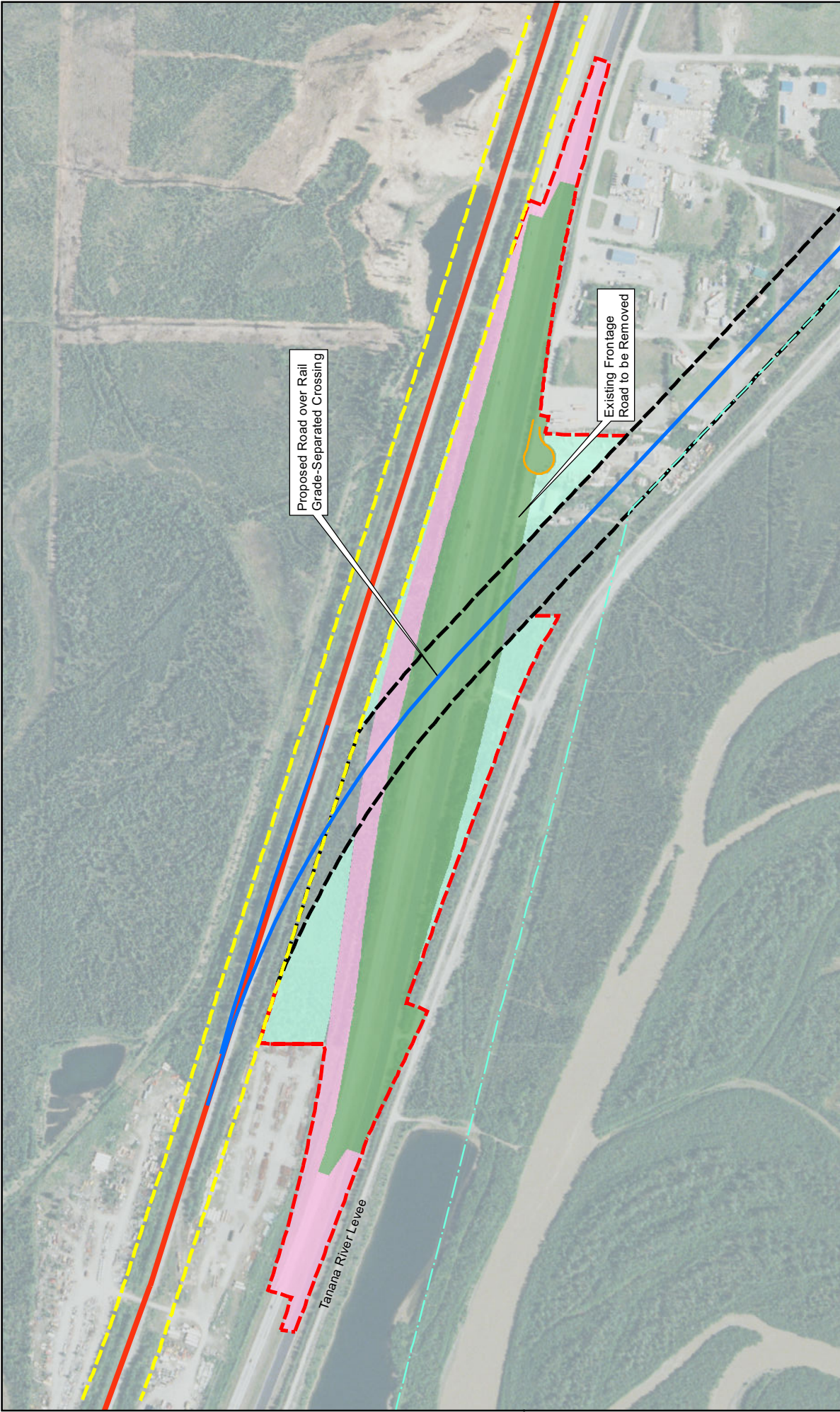
Figure 3-8
Richardson Highway Crossing Plan (Alternative A)

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- Alternative C
- Existing Rail Alignment
- Project Study Area
- Existing 200' ARRC ROW
- Proposed ARRC ROW
- Proposed Limits of Impacts
- Outside ROW
- Relocation of Driveway or CUI-de-Sac
- Overhead Electric Lines
- Proposed Impacts Due to Grading & Improvements
- Proposed Impacts Due to Construction Phasing
- Proposed Areas for Drainage

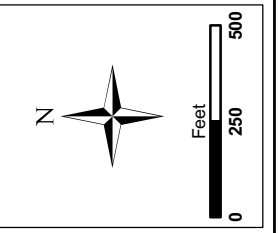



Figure 3-9
Grade-Separated Richardson Highway
Area Impacts (Alternative C)
Highway Area Impacts



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