Appendix C
APPENDIX C-2
PARKS HIGHWAY ALTERNATE
STA. 183+50, SECTION AT GEIST ROAD

ALASKA RAILROAD CORPORATION
OFFICE OF THE CHIEF ENGINEER
P.O. BOX 107505, ANCHORAGE, ALASKA 99510-7505 (907) 265-2456

FAIRBANKS - NORTH POLE REALIGNMENT
PHASE III - TECHNICAL ANALYSIS

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PAGE NO. C-2 OF P2

PARKS HIGHWAY ALTERNATE
STA. 183+50, SECTION AT GEIST ROAD
PARKS HIGHWAY ALTERNATE
SECTION AT STATION 392+28

* CLEAR ZONE

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APPENDIX C-3
PARKS HIGHWAY ALTERNATE
SECTION AT STATION 392+28

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PARKS HIGHWAY
STA. 397+80, SECTION AT CHENA RIVER

DOUBLE TRACK DECK PLATE GIRDER BRIDGE ELEVATION

TOP OF RAIL
ELEVATION = 460.0

TOP OF PAVEMENT
ELEVATION = 449.0

BASE OF BRIDGE
ELEVATION = 443.0

EXISTING BANK
ELEVATION = 425.0

WATER SURFACE
ELEVATION = 415.0
STA. 472+48, SECT. AT UNIVERSITY AVE.
THRU PLATE GIRDER TYPICAL SECTION

CENTERLINE PROPOSED TRACK WITH RETAINING WALLS AND 30' CLEAR ZONE

FUTURE

PROPOSED

43'

25'

43'

22'-6"

22'-6"

11'-3"

11'-3"

NOTE: HORIZONTAL DIMENSIONS ARE FOR PERPENDICULAR CROSSING ANGLES
TYPICAL DECK PLATE GIRDER

NOTE: HORIZONTAL DIMENSIONS ARE FOR PERPENDICULAR CROSSING ANGLES
PARKS HIGHWAY ALTERNATE
SINGLE TRACK GRADING IN EXISTING MEDIAN
CONSIDERED BUT REJECTED SECTIONS

C12

RETAINING WALL
APPENDIX C-12

DOUBLE TRACK RETAINING WALL IN EXISTING MEDIAN

NOTE:
VOLATES CURRENT HWY DESIGN CRITERIA.

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APPENDIX C-12
RETAINING WALL
CONSIDERED BUT REJECTED SECTIONS

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PARKS HIGHWAY
SINGLE TRACK RETAINING WALL
ESTIMATED 65 PARCELS AFFECTED

LEGEND
- Existing Railroad Centerline
- Proposed Railroad Centerline
- Proposed Railroad at Levee
- Existing ROW
- Proposed ROW
- Proposed Bridge (Plan)
- Proposed Bridge (Profile)
- Edge of Pavement

APPENDIX C-14
PARKS HIGHWAY ALTERNATE
PROPERTY IMPACTS
EXISTING PARKS HIGHWAY WITH ELEVATED RAIL ON PIERS

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FAIRBANKS - NORTH POLE REALIGNMENT
PHASE III - TECHNICAL ANALYSIS

APPENDIX C-20
HAMMERHEAD

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