

Appendix D: Preliminary List of Private Property Impacts and Potential Relocations

Preliminary List of Private Property Impacts and Potential Relocations

Private Property Impacts

An analysis of potential impacts to private property was performed in GIS. The 2002 Kenai Peninsula Borough parcel layer was used to determine impacts for each alternative.

**Table D-1
Potential Impacts to Private Property for the Sterling Highway Project**

Alternative	Vacant Parcels	Residential Parcels	Commercial Parcels	Institutional Parcels	Total # of Private Parcels Impacted
Kenai River Wall Alternative	9	30	7	0	46
Kenai River Alternative	9	30	8	0	47
Cooper Creek Alternative	9	29	1	0	39
Russian River Alternative	9	29	1	0	39
G North Alternative	2	2	0	0	4
G South Alternative	2	2	0	0	4
Juneau Creek "F" Forest Alternative	2	2	0	0	4
Juneau Creek "F" Wilderness Alternative	2	2	0	0	4
Juneau Creek Forest Alternative	2	2	0	0	4
Juneau Creek Wilderness Alternative	2	2	0	0	4

Potential Relocations

An office-based analysis of potential structure relocations was performed for the Sterling Highway alternatives. Aerial photography, digital orthophotos, and footprints of the alternatives were used to determine potential relocations. The 2002 Kenai Peninsula Borough parcel layer was used to assist in determining the type of structure impacted.

**Table D-2
Preliminary Relocations for the Sterling Highway Project**

Alternative	Number of Residences Potentially Relocated	Number of Commercial Structures Potentially Relocated	Total # of Structures Potentially Relocated
Kenai River Wall Alternative	4	3	7
Kenai River Alternative	3	4	7
Cooper Creek Alternative	3	3	6
Russian River Alternative	3	3	6
G North Alternative	0	0	0
G South Alternative	0	0	0
Juneau Creek "F" Forest Alternative	0	0	0
Juneau Creek "F" Wilderness Alternative	0	0	0
Juneau Creek Forest Alternative	0	0	0
Juneau Creek Wilderness Alternative	0	0	0

Assumptions used to determine potential relocations:

- It is assumed relocation would occur if the alternative's footprint were located on top of or within 15 feet of a structure.
- It is assumed relocation would occur if access to a structure were eliminated by the alternative's footprint (and if no other access could be provided).

This analysis does not include potential impacts to auxiliary buildings.