

APPENDIX F
Engineer's Estimate

**Wasilla Airport Master Plan
Alternative 1 Engineer's Estimate**

ITEM	DESCRIPTION	TOTAL PRICE ESTIMATE
1.a	Acquire Avigation Easements	\$ 100,000

Alternative 2 Construction Subtotal	\$100,000
Overall Project Contingency @ 20%	\$20,000
Design Work @ 12%	\$12,000
Construction Engineering (CENG) @ 20%	\$20,000
Alternative 2 Grand Total	\$152,000

**Wasilla Airport Master Plan
Alternative 2 Engineer's Estimate**

ITEM	DESCRIPTION	TOTAL PRICE ESTIMATE
2.a	Construct Runway 04/22 Expansion	\$ 33,582,000
2.b	Land Acquisition	\$ 9,800,000
2.c	Acquire Avigation Easements	\$ 750,000
2.d	Widen Taxiway B and Construct Taxiway B Extension	\$ 10,423,000
2.e	Construct South General Aviation Apron	\$ 4,692,800
2.f	Extend South General Aviation Apron and Provide Private Lease Lots	\$ 5,774,200
2.g	Develop Landside and Airside Access to Northwest Private Hangar Lease Lot	\$ 14,308,000
2.h	Construct North General Aviation Aprons	\$ 9,073,000
2.i	Construct Vehicle Parking Area	\$ 732,000
2.j	Extend Access Road	\$ 1,743,000
2.k	Develop Airside Access to Northeast Commercial Lease Lots	\$ 7,592,000
2.l	Shift and Resurface Runway 04S/22S	\$ 2,549,100
2.m	Construct Ski Taxiway	\$ 782,500
2.n	Construct Taxiway Barrier Gates	\$ 2,505,200
2.o	Construct Long-Term Vehicle Parking Area	\$ 1,190,000
2.p	Develop Landside and Airside Lease Lot Access for New Hangar Building	\$ 588,900
2.q	Develop City-Owned Aviation Business Center	\$ 10,039,600
2.r	Provide Lease Lot for Aviation Fuel Facility	\$ 1,028,300
2.s	Construct Transient Apron	\$ 2,165,800
2.t	Construct Taxiway K and Landside Access to Commercial Lease Lots	\$ 6,204,230
2.u	Extend Taxiway K and Construct Commercial/Large Aircraft Apron	\$ 4,242,365
2.v	Construct Landside Access to Southern Commercial Lease Lots	\$ 4,912,000
2.w	Provide Lease Lot for Fire and Rescue Facility	\$ 648,900
2.x	Construct Helipad	\$ 1,144,900
2.y	Provide Lease Lot for Hotel	\$ 1,096,400
2.z	Construct Perimeter Fence Improvements	\$ 2,848,600
2.aa	Construct Vehicle Access Gates	\$ 1,486,000

Alternative 2 Construction Subtotal	\$141,910,000
Overall Project Contingency @ 20%	\$28,382,000
Design Work @ 12%	\$17,030,000
Construction Engineering (CENG) @ 20%	\$28,382,000
Alternative 2 Grand Total	\$215,704,000

**Wasilla Airport Master Plan
Alternative 3 Engineer's Estimate**

ITEM	DESCRIPTION	TOTAL PRICE ESTIMATE
3.a	Construct Runway 04/22 Expansion	\$ 33,582,000
3.b	Land Acquisition	\$ 12,820,000
3.c	Acquire Avigation Easements	\$ 750,000
3.d	Widen Taxiway B and Construct Taxiway B Extension	\$ 10,423,000
3.e	Construct South General Aviation Apron	\$ 4,692,800
3.f	Extend South General Aviation Apron and Provide Private Lease Lots	\$ 5,774,200
3.g	Develop Landside and Airside Access to Northwest Private Hangar Lease Lot	\$ 13,226,000
3.h	Construct North General Aviation Apron	\$ 7,470,000
3.i	Construct Vehicle Parking Area	\$ 732,000
3.j	Extend Access Road	\$ 2,146,600
3.k	Develop Airside and Landside Access to Northeast Commercial Lease Lots	\$ 15,904,400
3.l	Shift and Resurface Runway 04S/22S	\$ 2,549,100
3.m	Construct Ski Taxiway	\$ 782,500
3.n	Construct Taxiway Barrier Gates	\$ 2,505,200
3.o	Construct Long Term Vehicle Parking Area	\$ 1,171,300
3.p	Develop Landside and Airside Lease Lot Access for New Hangar Building	\$ 588,900
3.q	Develop City-Owned Aviation Business Center	\$ 10,040,000
3.r	Provide Lease Lot for Aviation Fuel Facility	\$ 1,028,300
3.s	Construct Transient Apron	\$ 2,166,000
3.t	Construct Taxiway K and Landside Access to Commercial Lease Lots	\$ 6,204,230
3.u	Extend Taxiway K and Construct Commercial/Large Aircraft Apron	\$ 4,242,365
3.v	Construct Landside and Airside Access to Southern Commercial Lease Lots	\$ 8,024,000
3.w	Provide Lease Lot for Fire and Rescue Facility	\$ 648,900
3.x	Construct Helipad	\$ 1,144,900
3.y	Provide Lease Lot for Hotel	\$ 1,096,400
3.z	Construct Perimeter Fence Improvements	\$ 2,814,900
3.aa	Construct Vehicle Access Gates	\$ 1,486,000
3.ab	Construct Commercial/Large Aircraft Apron Vehicle Parking Area	\$ 830,000
3.ac	Construct Aircraft Run-Up Areas	\$ 1,599,500
3.ad	Construct Parachute Landing Area and Access Road	\$ 940,700

Alternative 3 Construction Subtotal	\$157,390,000
Overall Project Contingency @ 20%	\$31,478,000
Design Work @ 12%	\$18,887,000
Construction Engineering (CENG) @ 20%	\$31,478,000
Alternative 3 Grand Total	\$239,233,000