
Appendix D

Unit Costs

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Unit Costs Used for System Plan Investment Recommendations

		Cost/Unit	Unit
1	Runway Length (extension)		
	Commercial service (with shoulders & blast pad)	\$160	SY
	Commercial service (with shoulders, no blast pad)	\$150	SY
	Commercial service (no shoulders, no blast pad)	\$140	SY
	Large general aviation	\$80	SY
	Medium general aviation	\$70	SY
	Small general aviation	\$60	SY
	Turf runways/taxiway construction	\$25	SY
2	Runway Width		
	From 60' to 75'	\$75	SY
	From 75' to 100'	\$85	SY
	From 100' to 150' (no shoulders)	\$145	SY
3	Taxiway Type - New Construction		
	Commercial Service	\$150	SY
	Large & medium general aviation	\$75	SY
	Turnarounds	\$30,000	LS
4	Runway Lighting Upgrades		
	Reflectors to MIRLs	\$45	LF
	MIRLs to HIRLs	\$60	LF
	LIRLs to MIRLs	\$45	LF
	No lights to HIRLs	\$50	LF
	No lights to MIRLs	\$35	LF
	No lights to LIRLs	\$30	LF
5	Taxiway Lighting Upgrades		
	No lights to MITLs	\$40	LF
	No lights to reflectors	\$5	LF
	Reflectors to MITL	\$45	LF
6	Visual Aids and Approach Light Configuration		
	Rotating beacon	\$35,000	LS
	Relocate beacon	\$15,000	LS
	Wind cone (Lighted)	\$12,000	LS
	Relocate wind cone	\$5,000	LS
	Relocate localizer	\$100,000	LS
	Relocate street light	\$5,000	LS
	MALSR	\$600,000	LS

		Cost/Unit	Unit
	MALSF	\$600,000	LS
	REILs (one runway end)	\$19,000	LS
	REILs (both runway ends)	\$38,000	LS



		Cost/Unit	Unit
	PAPIs (one runway end)	\$24,000	LS
	PAPIs (both runway ends)	\$48,000	LS
7	Weather Reporting		
	AWOS-III P/T large general aviation	\$110,000	LS
	AWOS-III Medium general aviation	\$90,000	LS
	Existing system upgrades	\$20,000	LS
8	Pavement Condition (Reconstruction)		
	Commercial service	\$85	SY
	Large & medium general aviation	\$40	SY
	Small general aviation	\$35	SY
	Pavement removal	\$16	SY
9	Ramp Space		
	Commercial service	\$115	SY
	Large & medium general aviation	\$75	SY
	Small general aviation	\$60	SY
	Tiedowns	\$500	LS
	Turf tiedowns	\$100	LS
10	GA Terminal/AD Building		
	Building (900 SF)	\$300,000	LS
11	Operations/Maintenance Building		
	Large general aviation (120' x 120')	\$1,300,000	LS
	Medium & small general aviation (80' x 80')	\$700,000	LS
12	Auto Parking		
	Parking area	\$60	SY
	Auto parking space	\$1,100	LS
13	Transient Storage Hangar		
	Commercial service & large general aviation (120' x 120')	\$1,150,000	LS
	Medium & small general aviation (80' x 80')	\$480,000	LS

		Cost/Unit	Unit
14	Fuel		
	Commercial Service - entire facility (100LL and Jet A)	\$800,000	LS
	General Aviation - entire facility (100LL and Jet A)	\$400,000	LS
	Small general aviation - 100LL	\$250,000	LS
	Medium general aviation - Jet A	\$250,000	LS
15	Tree Clearing		
	Clearing only	\$700	Acre
	Grubbing only	\$700	Acre
	Turf establishment	\$1,500	Acre
16	Snow Removal and De-icing		



		Cost/Unit	Unit
	Small general aviation SRE	\$150,000	LS
17	Land Use Zoning Ordinance & HLZ Ordinance		
	Commercial service/large general aviation (both ordinances)	\$87,500	LS
	Medium/small general aviation both ordinances	\$62,500	LS
18	Wildlife Hazard Assessment		
	Commercial service (12-month)	\$80,000	LS
	Large general aviation (12-month)	\$30,000	LS
	Medium general aviation (one to three day)	\$20,000	LS
	Small general aviation (one to three day)	\$10,000	LS
19	Stormwater Management Plan		
	Commercial service & large general aviation	\$30,000	LS
	Medium & small general aviation	\$10,000	LS
20	Relocation		
	Relocate A/D building	\$50,000	LS
	Relocate FBO	\$40,000	LS
	Relocate business or home	\$200,000	LS
	Relocate a road	\$60	SY
	Relocate a railroad	\$250	LF
	Relocate Jet A and 100LL fuel facility	\$110,000	LS
	Relocate a small hangar	\$20,000	LS
	Relocate a maintenance garage	\$30,000	LS
Notes: LS = Lump Sum SY = Square Yard LF = Linear Foot			



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