



# *Appendix D*

## Detailed Cost Information





## *Appendix D* Detailed Cost Information

### INTRODUCTION

Detailed cost information, including unit costs and quantities, is included in this appendix. This information was used to create the summary table found in Chapter 8 (Table 8-1).

**Table D-1  
SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 1 (2007-2011)</b>					
<b>1 Relocate Six Portable Hangars along Taxiway E</b>					<b>2007</b>
a. Relocate Portable Hangars	6	EA	\$3,000	\$18,000	
				\$18,000	
b. Mobilization/Contingency				\$6,000	
<b>Total</b>				<b>\$24,000</b>	
<b>2 Construct Corporate Hangar</b>					<b>2007</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	360	CY	\$20	\$7,200	
c. Building	6,400	SF	\$30	\$192,000	
d. Floor Slab	240	CY	\$300	\$72,000	
e. Asphalt Concrete Pavement	7,000	SF	\$9	\$63,000	
f. Drainage Improvements	1	LS	\$25,000	\$25,000	
g. Utilities	1	LS	\$40,000	\$40,000	
				\$409,200	
h. Mobilization/Contingency				\$123,000	
i. Engineering				\$82,000	
<b>Total</b>				<b>\$614,200</b>	
<b>3 Purchase Two 10-Unit Box Hangar Buildings from Private Party</b>					<b>2007</b>
a. Purchase box hangar buildings	1	LS	\$1,400,000	\$1,400,000	
<b>Total</b>				<b>\$1,400,000</b>	
<b>4 Pipeline Existing Irrigation and Drainage Canals - Phase 1</b>					<b>2007</b>
a. Pipeline Existing Canals	1	LS	\$474,000	\$474,000	
<b>Total</b>				<b>\$474,000</b>	
<b>5 Repair and Reconstruct General Aviation Parking Area for Larger Corporate Jets</b>					<b>2007</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	450	CY	\$20	\$9,000	
c. Asphalt Concrete Pavement	12,000	SF	\$9	\$108,000	
d. Remove Existing Pavement	1,350	SY	\$10	\$13,500	
e. Striping	2,000	SF	\$3	\$6,000	
				\$146,500	
f. Mobilization/Contingency				\$44,000	
g. Engineering				\$30,000	
<b>Total</b>				<b>\$220,500</b>	
<b>6 Pipeline Existing Irrigation and Drainage Canals - Phase 2</b>					<b>2008</b>
a. Pipeline Existing Canals	1	LS	\$603,750	\$603,750	
<b>Total</b>				<b>\$603,750</b>	

Note: All years are local government fiscal years. For example, "2007" means the Fiscal Year ending June 30, 2007.

**Table D-1 (cont'd)**  
**SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 1 (2007-2011)</b>					
<b>7 Pavement Crack Sealing, Taxiway A, and General Aviation Ramp Area and Re-striping of all Airport Taxilanes</b>					<b>2008</b>
a. Pavement Crack Sealing	40,000	LF	\$6	\$240,000	
b. Striping	30,000	SF	\$3	\$90,000	
				\$330,000	
c. Mobilization/Contingency				\$99,000	
d. Engineering				\$66,000	
<b>Total</b>				<b>\$495,000</b>	
<b>8 Relocate/Demolish Five Portable Hangars along Taxiway E</b>					<b>2008</b>
a. Relocate Portable Hangars	5	EA	\$3,000	\$15,000	
				\$15,000	
b. Mobilization/Contingency				\$5,000	
<b>Total</b>				<b>\$20,000</b>	
<b>9 Pave Two Additional Taxilanes in General Aviation Area for New Box Hangar Construction in 2009</b>					<b>2008</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Asphalt Concrete Pavement	38,400	SF	\$9	\$345,600	
c. Grading	2,855	CY	\$20	\$57,100	
d. Drainage Improvements	1	LS	\$55,000	\$55,000	
				\$467,700	
e. Mobilization/Contingency				\$141,000	
f. Engineering				\$94,000	
<b>Total</b>				<b>\$702,700</b>	
<b>10 Construct Airport Maintenance Building, Associated Parking, and Storage Yard</b>					<b>2008</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Maintenance Building	1,500	SF	\$30	\$45,000	
c. Floor Slab	60	CY	\$300	\$18,000	
d. Parking Lot	5,000	SF	\$6	\$30,000	
e. Storage Yard	5,000	SF	\$6	\$30,000	
f. Drainage Improvements	1	LS	\$30,000	\$30,000	
g. Utilities	1	LS	\$20,000	\$20,000	
				\$183,000	
h. Mobilization/Contingency				\$55,000	
i. Engineering				\$37,000	
<b>Total</b>				<b>\$275,000</b>	
<b>11 Purchase Sweeper/Vac</b>					<b>2008</b>
a. Purchase Pavement Sweeping Equipment	1	LS	\$162,750	\$162,750	
<b>Total</b>				<b>\$162,750</b>	

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**Table D-1 (cont'd)**  
**SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 1 (2007-2011)</b>					
<b>12 Construct One Nested T-Hangar Type Building (14 Individual Hangar Spaces)</b>					<b>2008</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	2,850	CY	\$20	\$57,000	
c. Building	14,000	SF	\$30	\$420,000	
d. Floor Slab	520	CY	\$300	\$156,000	
e. Asphalt Concrete Pavement	37,200	SF	\$9	\$334,800	
f. Drainage Improvements	1	LS	\$50,000	\$50,000	
g. Utilities	1	LS	\$40,000	\$40,000	
				\$1,067,800	
h. Mobilization/Contingency				\$321,000	
i. Engineering				\$214,000	
<b>Total</b>				<b>\$1,602,800</b>	
<b>13 Install Airport Security System/Luggage Carousel</b>					<b>2008</b>
a. Security System	1	LS	\$900,000	\$900,000	
<b>Total</b>				<b>\$900,000</b>	
<b>14 Construct Corporate Hangar</b>					<b>2008</b>
a. Site Preparation	2	AC	\$10,000	\$20,000	
b. Grading	1,950	CY	\$20	\$39,000	
c. Building	26,000	SF	\$30	\$780,000	
d. Floor Slab	964	CY	\$300	\$289,200	
e. Utilities	1	LS	\$20,000	\$20,000	
				\$1,148,200	
f. Mobilization/Contingency				\$345,000	
g. Engineering				\$230,000	
<b>Total</b>				<b>\$1,723,200</b>	
<b>15 Demolish Buildings 4, 5, and 12</b>					<b>2008</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Remove Building	17,500	SF	\$5	\$87,500	
c. Remove Floor Slab	17,500	SF	\$10	\$175,000	
d. Cap and Remove Utilities	1	LS	\$15,000	\$15,000	
e. Repave Building Area	17,500	SF	\$7	\$122,500	
				\$410,000	
f. Mobilization/Contingency				\$123,000	
g. Engineering				\$82,000	
<b>Total</b>				<b>\$615,000</b>	
<b>16 Construct FBO Hangar</b>					<b>2008</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	130	CY	\$20	\$2,600	
c. Building	6,400	SF	\$35	\$224,000	
d. Floor Slab	240	CY	\$300	\$72,000	
e. Asphalt Concrete Pavement	7,000	SF	\$9	\$63,000	
f. Utilities	1	LS	\$20,000	\$20,000	
				\$391,600	
g. Mobilization/Contingency				\$118,000	
h. Engineering				\$79,000	
<b>Total</b>				<b>\$588,600</b>	

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**Table D-1 (cont'd)**  
**SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 1 (2007-2011)</b>					
<b>17 Acquire Land in Fee</b>					<b>2009</b>
a. Acquire Land	10	AC	\$100,000	\$1,000,000	
<b>Total</b>				<b>\$1,000,000</b>	
<b>18 Acquire Avigation Easements</b>					<b>2009</b>
a. Acquire Easements	30	AC	\$36,700	\$1,101,000	
<b>Total</b>				<b>\$1,101,000</b>	
<b>19 Relocate/Demolish Six Portable Hangars along Taxiway E</b>					<b>2009</b>
a. Relocate Portable Hangars	6	EA	\$3,000	\$18,000	
				\$18,000	
b. Mobilization/Contingency				\$6,000	
<b>Total</b>				<b>\$24,000</b>	
<b>20 ARFF Support</b>					<b>2009</b>
a. Purchase ARFF Support Equipment	1	LS	\$126,000	\$126,000	
<b>Total</b>				<b>\$126,000</b>	
<b>21 Additional Long Term Secured Parking and Security Lighting</b>					<b>2009</b>
a. Provide additional vehicle parking area	1	LS	\$126,000	\$126,000	
<b>Total</b>				<b>\$126,000</b>	
<b>22 Construct Two 10-Unit Rectangular Hangar Buildings</b>					<b>2009</b>
a. Site Preparation	3	AC	\$10,000	\$30,000	
b. Grading	1,780	CY	\$20	\$35,600	
c. Building	32,000	SF	\$30	\$960,000	
d. Floor Slab	1,190	CY	\$300	\$357,000	
e. Utilities	1	LS	\$50,000	\$50,000	
				\$1,432,600	
f. Mobilization/Contingency				\$430,000	
g. Engineering				\$287,000	
<b>Total</b>				<b>\$2,149,600</b>	
<b>23 Design and Environmental Processing for Runway and Taxiway Extension</b>					<b>2009</b>
a. A/E Design	1	LS	\$578,000	\$578,000	
b. Environmental	1	LS	\$300,000	\$300,000	
<b>Total</b>				<b>\$878,000</b>	
<b>24 Overlay Taxiway A</b>					<b>2009</b>
a. Asphalt Concrete Overlay	484,100	SF	\$4	\$1,936,400	
b. Pavement Crack Sealing/Milling	53,800	SY	\$5	\$269,000	
c. Shoulder Regrading	3,700	CY	\$20	\$74,000	
d. Electrical - New/Adjust Lights	170	EA	\$2,000	\$340,000	
e. Striping	25,500	SF	\$3	\$76,500	
				\$2,695,900	
f. Mobilization/Contingency				\$809,000	
g. Engineering				\$540,000	
<b>Total</b>				<b>\$4,044,900</b>	

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**Table D-1 (cont'd)  
SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 1 (2007-2011)</b>					
<b>25 Pave Two Additional Taxilanes and Building Pads for New Nested T-Hangar Construction in 2010</b>					<b>2010</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Asphalt Concrete Pavement	45,460	SF	\$9	\$409,140	
c. Grading	2,300	CY	\$20	\$46,000	
d. Floor Slab	1,040	CY	\$300	\$312,000	
e. Drainage Improvements	1	LS	\$50,000	\$50,000	
				\$827,140	
f. Mobilization/Contingency				\$249,000	
g. Engineering				\$166,000	
<b>Total</b>				<b>\$1,242,140</b>	
<b>26 Extend Runway to 6,450 feet, Extend Taxiway A at a 400-foot Separation, Relocate and Install Additional MALSR Lighting, and Underground Power Lines along Dickenson Ferry Road</b>					<b>2010</b>
a. Site Preparation	15	AC	\$10,000	\$150,000	
b. Grading	20,000	CY	\$20	\$400,000	
c. Runway Asphalt Concrete Pavement	82,050	SF	\$11	\$902,550	
d. Taxiway Asphalt Concrete Pavement	88,500	SF	\$9	\$796,500	
e. Striping	60,000	SF	\$3	\$180,000	
f. Runway and Taxiway Lights	1	LS	\$100,000	\$100,000	
g. Underground Power Lines	2,000	LF	\$60	\$120,000	
h. Electrical Conduit	1,200	LF	\$30	\$36,000	
i. Relocate MALSR	1	LS	\$200,000	\$200,000	
				\$2,885,050	
j. Mobilization/Contingency				\$866,000	
<b>Total</b>				<b>\$3,751,050</b>	
<b>27 Construct General Aviation Terminal Building</b>					<b>2010</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	600	CY	\$20	\$12,000	
c. Terminal Building	5,400	SF	\$50	\$270,000	
d. Drainage Improvements	1	LS	\$70,000	\$70,000	
e. Utilities	1	LS	\$100,000	\$100,000	
				\$462,000	
f. Mobilization/Contingency				\$139,000	
g. Engineering				\$93,000	
<b>Total</b>				<b>\$694,000</b>	
<b>28 Construct Two Nested T-Hangar Type Building (28 Individual Hangar Spaces)</b>					<b>2010</b>
a. Site Preparation	2	AC	\$10,000	\$20,000	
b. Grading	5,700	CY	\$20	\$114,000	
c. Building	28,000	SF	\$30	\$840,000	
d. Utilities	1	LS	\$50,000	\$50,000	
				\$1,024,000	
e. Mobilization/Contingency				\$308,000	
f. Engineering				\$205,000	
<b>Total</b>				<b>\$1,537,000</b>	

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**Table D-1 (cont'd)**  
**SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 1 (2007-2011)</b>					
<b>29 Demolish Building 6</b>					<b>2010</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Remove Building	6,100	SF	\$5	\$30,500	
c. Remove Floor Slab	6,100	SF	\$10	\$61,000	
d. Cap and Remove Utilities	1	LS	\$10,000	\$10,000	
e. Repave Hangar Area	6,100	SF	\$7	\$42,700	
				\$154,200	
f. Mobilization/Contingency				\$47,000	
g. Engineering				\$31,000	
<b>Total</b>				<b>\$232,200</b>	
<b>30 Construct FBO Hangar</b>					<b>2010</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	130	CY	\$20	\$2,600	
c. Building	6,400	SF	\$30	\$192,000	
d. Floor Slab	240	CY	\$300	\$72,000	
e. Asphalt Concrete Pavement	7,000	SF	\$9	\$63,000	
f. Utilities	1	LS	\$25,000	\$25,000	
				\$364,600	
g. Mobilization/Contingency				\$110,000	
h. Engineering				\$73,000	
<b>Total</b>				<b>\$547,600</b>	
<b>31 Design and Environmental Processing for New Passenger Terminal Area</b>					<b>2011</b>
a. A/E Design	1	LS	\$827,000	\$827,000	
b. Environmental	1	LS	\$500,000	\$500,000	
<b>Total</b>				<b>\$1,327,000</b>	
<b>32 Demolish Existing General Aviation Terminal Building</b>					<b>2011</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Remove Building	1,300	SF	\$5	\$6,500	
c. Remove Foundation	1,300	SF	\$10	\$13,000	
d. Repave Terminal Area	1,300	SF	\$7	\$9,100	
e. Cap and Remove Utilities	1	LS	\$10,000	\$10,000	
				\$48,600	
f. Mobilization/Contingency				\$15,000	
g. Engineering				\$10,000	
<b>Total</b>				<b>\$73,600</b>	
<b>33 Demolish Building 3</b>					<b>2011</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Remove Building	3,700	SF	\$5	\$18,500	
c. Remove Foundation	3,700	SF	\$10	\$37,000	
d. Cap and Remove Utilities	1	LS	\$10,000	\$10,000	
e. Repave Building Area	3,700	SF	\$7	\$25,900	
				\$101,400	
f. Mobilization/Contingency				\$31,000	
g. Engineering				\$21,000	
<b>Total</b>				<b>\$153,400</b>	

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**Table D-1 (cont'd)**  
**SCHEDULE OF IMPROVEMENTS - DETAILED**

Project	Quantity	Unit	Unit Cost	Total Cost	Timing
<b>Phase 1 (2007-2011)</b>					
34 <b>Overlay of General Aviation Parking Area, Apron, Ramp, and Freight Ramp</b>					<b>2011</b>
a. Asphalt Concrete Overlay	178,200	SF	\$4	\$712,800	
b. Pavement Crack Sealing	19,800	SY	\$5	\$99,000	
c. Shoulder Grading	2,500	CY	\$20	\$50,000	
d. Electrical - New/Adjust Lights	25	EA	\$2,000	\$50,000	
e. Striping	8,000	SF	\$3	\$24,000	
				\$935,800	
f. Mobilization/Contingency				\$281,000	
g. Engineering				\$188,000	
Total				<b>\$1,404,800</b>	
<b>Phase 1 Total</b>				<b>\$30,833,790</b>	

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**Table D-1 (cont'd)**  
**SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 2 (2012-2016)</b>					
<b>35 Construct New Passenger Terminal Area</b>					<b>2012</b>
a. Site Preparation	6	AC	\$10,000	\$60,000	
b. Passenger Terminal Area	11,000	SF	\$300	\$3,300,000	
c. Grading	9,000	CY	\$20	\$180,000	
d. Airfield Asphalt Concrete Pavements	114,300	SF	\$9	\$1,028,700	
e. Airfield Electrical/Lighting	1	LS	\$150,000	\$150,000	
f. Parking Lot Pavement	110,500	SF	\$6	\$663,000	
g. Parking Lot Electrical	1	LS	\$60,000	\$60,000	
h. Drainage	1	LS	\$30,000	\$30,000	
i. Utilities	1	LS	\$40,000	\$40,000	
				\$5,511,700	
j. Mobilization/Contingency				\$1,654,000	
<b>Total</b>				<b>\$7,165,700</b>	
<b>36 Construct One Nested T-Hangar Type Building (14 Individual Hangar Spaces) and Associated Apron</b>					<b>2012</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	2,440	CY	\$20	\$48,800	
c. Building	14,000	SF	\$30	\$420,000	
d. Floor Slab	520	CY	\$300	\$156,000	
e. Asphalt Concrete Pavement	29,950	SF	\$9	\$269,550	
f. Drainage Improvements	1	LS	\$25,000	\$25,000	
g. Utilities	1	LS	\$20,000	\$20,000	
				\$949,350	
h. Mobilization/Contingency				\$285,000	
i. Engineering				\$190,000	
<b>Total</b>				<b>\$1,424,350</b>	
<b>37 Demolish Existing Passenger Terminal</b>					<b>2013</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Remove Building	4,700	SF	\$5	\$23,500	
c. Remove Floor and Foundation	4,700	SF	\$10	\$47,000	
d. Cap and Remove Utilities	1	LS	\$10,000	\$10,000	
				\$90,500	
e. Mobilization/Contingency				\$28,000	
f. Engineering				\$19,000	
<b>Total</b>				<b>\$137,500</b>	
<b>38 Demolish Eight Non-Relocated Portable Hangars</b>					<b>2013</b>
a. Demolish Portable Hangars	8	EA	\$3,000	\$24,000	
				\$24,000	
b. Mobilization/Contingency				\$7,200	
<b>Total</b>				<b>\$31,200</b>	

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**Table D-1 (cont'd)**  
**SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 2 (2012-2016)</b>					
<b>39 Construct Corporate Hangar</b>					<b>2014</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	130	CY	\$20	\$2,600	
c. Building	6,400	SF	\$30	\$192,000	
d. Floor Slab	240	CY	\$300	\$72,000	
e. Asphalt Concrete Pavement	7,000	SF	\$9	\$63,000	
f. Drainage Improvements	1	LS	\$25,000	\$25,000	
g. Utilities	1	LS	\$40,000	\$40,000	
				\$404,600	
h. Mobilization/Contingency				\$122,000	
i. Engineering				\$81,000	
<b>Total</b>				<b>\$607,600</b>	
<b>40 Apron Lighting Enhancements</b>					<b>2015</b>
a. Lighting Improvements	1	LS	\$600,000	\$600,000	
				\$600,000	
b. Mobilization/Contingency				\$180,000	
c. Engineering				\$120,000	
<b>Total</b>				<b>\$900,000</b>	
<b>41 Expand Aircraft Parking Apron</b>					<b>2015</b>
a. Site Preparation	2	AC	\$10,000	\$20,000	
b. Grading	4,700	CY	\$20	\$94,000	
c. Asphalt Concrete Pavement	63,450	SF	\$9	\$571,050	
d. Apron Shoulders	13,000	SF	\$5	\$65,000	
e. Electrical/ Lighting Modifications	1	LS	\$150,000	\$150,000	
f. Drainage Improvements	1	LS	\$100,000	\$100,000	
g. Striping	15,000	SF	\$3	\$45,000	
h. Signage	1	LS	\$50,000	\$50,000	
				\$1,095,050	
i. Mobilization/Contingency				\$329,000	
j. Engineering				\$220,000	
<b>Total</b>				<b>\$1,644,050</b>	
<b>42 Construct Corporate Hangar</b>					<b>2016</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Grading	130	CY	\$20	\$2,600	
c. Building	6,400	SF	\$30	\$192,000	
d. Floor Slab	240	CY	\$300	\$72,000	
e. Asphalt Concrete Pavement	7,000	SF	\$9	\$63,000	
f. Drainage Improvements	1	LS	\$25,000	\$25,000	
g. Utilities	1	LS	\$40,000	\$40,000	
				\$404,600	
h. Mobilization/Contingency				\$122,000	
i. Engineering				\$81,000	
<b>Total</b>				<b>\$607,600</b>	
<b>43 Demolish Nine Remaining Non-Relocated Portable Hangars</b>					<b>2016</b>
a. Demolish Portable Hangars	9	EA	\$3,000	\$27,000	
				\$27,000	
b. Mobilization/Contingency				\$8,100	
<b>Total</b>				<b>\$35,100</b>	
<b>Phase 2 Total</b>				<b>\$12,553,100</b>	

Note: All years are local government fiscal years. For example, "2007" means the Fiscal Year ending June 30, 2007.

**Table D-1 (cont'd)**  
**SCHEDULE OF IMPROVEMENTS - DETAILED**

<b>Project</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Timing</b>
<b>Phase 3 (2017-2026)</b>					
<b>44 Engineering and Environmental for Relocated Taxiway A</b>					<b>Long-Term</b>
a. Engineering	1	LS	\$617,000	\$617,000	
b. Environmental	1	LS	\$200,000	\$200,000	
<b>Total</b>				<b>\$817,000</b>	
<b>45 Relocate Taxiway A to 400-foot Separation</b>					<b>Long-Term</b>
a. Site Preparation	14	AC	\$10,000	\$140,000	
b. Remove Exist Pavement	24,350	SY	\$10	\$243,500	
c. Grading	22,000	CY	\$20	\$440,000	
d. Asphalt Concrete Pavement	213,300	SF	\$9	\$1,919,700	
e. Taxiway Shoulders	30,000	SY	\$5	\$150,000	
f. Relocate Existing Lights/Install New	200	EA	\$2,000	\$400,000	
g. Remove Existing Conduits	13,000	LF	\$10	\$130,000	
h. Electrical Underground Conduit	13,000	LF	\$30	\$390,000	
i. Drainage Improvements	1	LS	\$100,000	\$100,000	
j. Striping	20,000	SF	\$3	\$60,000	
k. Relocate Signage	20	EA	\$7,000	\$140,000	
				\$4,113,200	
l. Mobilization/Contingency				\$1,234,000	
<b>Total</b>				<b>\$5,347,200</b>	
<b>46 Demolish Building 10</b>					<b>Long-Term</b>
a. Site Preparation	1	AC	\$10,000	\$10,000	
b. Remove Building	2,050	SF	\$5	\$10,250	
c. Remove Foundation	2,050	SF	\$10	\$20,500	
d. Repave Building Area	2,050	SF	\$10	\$20,500	
e. Cap and Remove Utilities	1	LS	\$10,000	\$10,000	
f. Repave Hangar Area	2,050	SF	\$7	\$14,350	
				\$85,600	
g. Mobilization/Contingency				\$26,000	
h. Engineering				\$18,000	
<b>Total</b>				<b>\$129,600</b>	
<b>47 Construct Four Nested T-Hangar Type Buildings</b>					<b>Long-Term</b>
a. Site Preparation	4	AC	\$10,000	\$40,000	
b. Building	56,000	SF	\$30	\$1,680,000	
c. Grading	3,110	CY	\$20	\$62,200	
d. Floor Slab	2,080	CY	\$300	\$624,000	
e. Asphalt Concrete Pavement	56,000	SF	\$9	\$504,000	
f. Drainage Improvements	1	LS	\$50,000	\$50,000	
g. Utilities	1	LS	\$40,000	\$40,000	
				\$3,000,200	
h. Mobilization/Contingency				\$901,000	
i. Engineering				\$601,000	
<b>Total</b>				<b>\$4,502,200</b>	
<b>Phase 3 Total</b>				<b>\$10,796,000</b>	
<b>Total - All Phases</b>				<b>\$54,182,890</b>	

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