

## **AIRPORT CAPITAL IMPROVEMENT PROGRAM (ACIP)**

### **PLACERVILLE AIRPORT PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

#### **PROGRAM NARRATIVE**

##### **Project No. 1 – Engineering Design – Projects No. 4, 5, and 6**

F.A.A. is desirous of issuing AIP grants based on bids. In order to meet those requirements, it is necessary that the engineering design for the project be started 6 to 12 months before the grant award. It is proposed to complete the engineering design for Projects No. 4, 5, and 6, included in this ACIP, in this Project No. 1. These projects are described as:

- Project No. 4 – Water Line and Fire Hydrant to New Apron Area
- Project No. 5 – West Hangar Area Crack Repair and Slurry Seal
- Project No. 6 – Perimeter Fence and Gates

The design will be carried through engineering design, the preparation of plans and specifications, Engineer's Estimate and Engineer's Report. A separate contract will be required for assistance during bidding, construction surveillance, construction monitoring including testing and inspection, as built drawings, Final Engineer's Report, and updating the ALP.

The cost summary for the engineering services required for this project is included in Table No. 1.

##### **Project No. 2 – Airport Layout Plan Update**

The last Airport Layout Plan Update for the Placerville Airport was prepared in 2007. There is a significant waiting list for hangars at the Placerville Airport. The County is desirous of expanding the Placerville Airport to provide facilities for additional aircraft tie down and hangar development. The County has solidified their plans for the northeast side development of the airport, including taxiways, aprons, and tee hangars. The County is desirous of updating the Airport Layout Plan to detail these plans. The breakdown of costs for this work is included in Table No. 2.

##### **Project No. 3 – Update Comprehensive Land Use Plans (CLUP) for El Dorado County Airports**

The County of El Dorado, with funding from the State of California, proposes a study to update the Comprehensive Land Use Plans for all airports in El Dorado County, including the two airports eligible for Federal funding – Placerville and Georgetown. This study will develop land use plans around all airports within the County, which will, so far as possible, limit the development of properties surrounding each airport by zoning to protect airport operations. Detailed zoning plans will be developed for each airport. This plan will be prepared by the El Dorado County Department of Transportation and will be totally funded with State grants. The breakdown of costs for this work is included in Table No. 3.

**Project No. 4 – Water Line and Fire Hydrant to New Apron Area**

With the development of the new tee hangar area in the northeast segment of the airport, it will be necessary to provide fire protection services before any building construction. Included in this development will be the construction of a new 10-inch water line from existing facilities and the construction of three fire hydrants. These fire hydrants will be located along the south end of the tee hangar development area and provision will be made for adding additional hydrants along the edge of the future aircraft parking apron in this area.

The breakdown of construction costs for this work is included in Table No. 4.

**Project No. 5 – West Hangar Area Crack Repair and Slurry Seal**

Several cracks have developed in the AC pavement at the airport. Most of the cracks are caused by thermal stresses caused by the many annual cycles of extreme daily changes in temperature at the airport. The pavements are old and have significant surface weathering distress. The cracks in the pavement and the application of slurry seal has been completed on all pavements except the West Hangar Area. The crack sealing and slurry seal of pavements in the West Hangar Area are included in this project.

It is proposed in this project to shape the cracks to receive joint seal and then seal the cracks. After the cracks have been sealed, then all of the old pavements in the West Hangar Area will be slurry sealed. All pavement areas sealed will be remarked.

The construction cost breakdown for this project is included in Table No. 5.

**Project No. 6 – Perimeter Fence and Gates – 19,000 In. ft.**

It is important that a perimeter fence be constructed around this airport to protect the airport from human incursion and animal incursion from off site. The housing developments are approaching the airport and there is significant additional human activity in this area. It is proposed to construct an 8-foot chain link fence. This fence will be constructed around the property line. Electrically operated automatic gates will be installed into the main operational areas and additional sliding gates, swing gates, and pedestrian gates will be installed as necessary. The breakdown of construction costs for this work is included in Table No. 6.

**Project No. 7 – Environmental Assessment Study – Projects 9, 10, and 11**

An Airport Layout Plan Update Study was completed in 2007 for this airport. The proposed development of Stage II East Hangar Development requires removal of 230,000 cubic yards of soil from the existing hill and placement of 100,000 cubic yards of fill in the low-lying areas. In order to allow proper development of the airport it will be necessary that environmental clearances and necessary permits be obtained. This will require a detailed Environmental Assessment. This work is included in this proposed study. The breakdown of costs for this work is included in Table No. 7.

**Project No. 8 – Engineering Design – Projects No. 9, 10, and 11**

F.A.A. is desirous of issuing AIP grants based on bids. In order to meet those requirements, it is necessary that the engineering design for the project be started 6 to 12 months before the grant award. It is proposed to complete the engineering design for Projects No. 9, 10, and 11, included in this ACIP, in this Project No. 8. These projects are described as:

- Project No. 9 – Tee Hangar Site Development – Phase 2
- Project No. 10 – Taxiway Edge Lights
- Project No. 11 – Runway Exit Taxiway East End – 40' x 100'

The design will be carried through engineering design, the preparation of plans and specifications, Engineer's Estimate and Engineer's Report. A separate contract will be required for assistance during bidding, construction surveillance, construction monitoring including testing and inspection, as built drawings, Final Engineer's Report, and updating the ALP.

The cost summary for the engineering services required for this project is included in Table No. 8.

**Project No. 9 – Tee Hangar Site Development – Phase 2**

The approved Airport Layout Plan provides for the development of an aircraft storage and operation area at the northeast segment of the airport. The first phase of this development was completed under AIP 08, which included removal of portions of the hillside to provide obstacle free areas and the development of tee hangar construction sites. It is anticipated that by 2013 this area will be full and there will be need for additional hangars. It is, therefore, proposed to complete the site development as Phase 2. This work will consist of grading the rest of the hillside within airport property to approximate runway grades and using the excavation materials as embankment in the low-lying areas to provide an aircraft parking apron and an FBO plot. The project will include grading, drainage, taxiway and taxilane paving, marking and lighting.

The breakdown of construction costs for this work is included in Table No. 9.

**Project No. 10 – Taxiway Edge Lights**

The existing taxiway edge lights at Placerville Airport are stake mounted. These lights are serviced by direct-burial cable and an old regulator. The existing taxiway edge light circuit is old and requires considerable maintenance. It is proposed in this project to remove the existing taxiway lights and install new base-mounted taxiway lights, new lighted signs, new duct, and new cable. A new regulator will be installed in the electrical vault to power the new taxiway circuit.

The breakdown of construction costs for this work is included in Table No. 10.

**Project No. 11 – Runway Exit Taxiway East End – 30' x 100'**

Runway 23 is the most commonly used runway at this airport. There are currently no taxiways between the threshold of Runway 23 and the apron. It is proposed in this project to construct a new cross taxiway approximately halfway between the Runway 23 threshold and the first high-speed bleed-off taxiway. The pavement section for this taxiway will consist of 6 inches of aggregate subbase, 6 inches of aggregate base course, and 3 inches of bituminous surface course. Standard airfield marking will be applied. New taxiway lights, duct, cable, signs, and pull boxes will be installed.

The breakdown of construction costs for this work is included in Table No. 11.

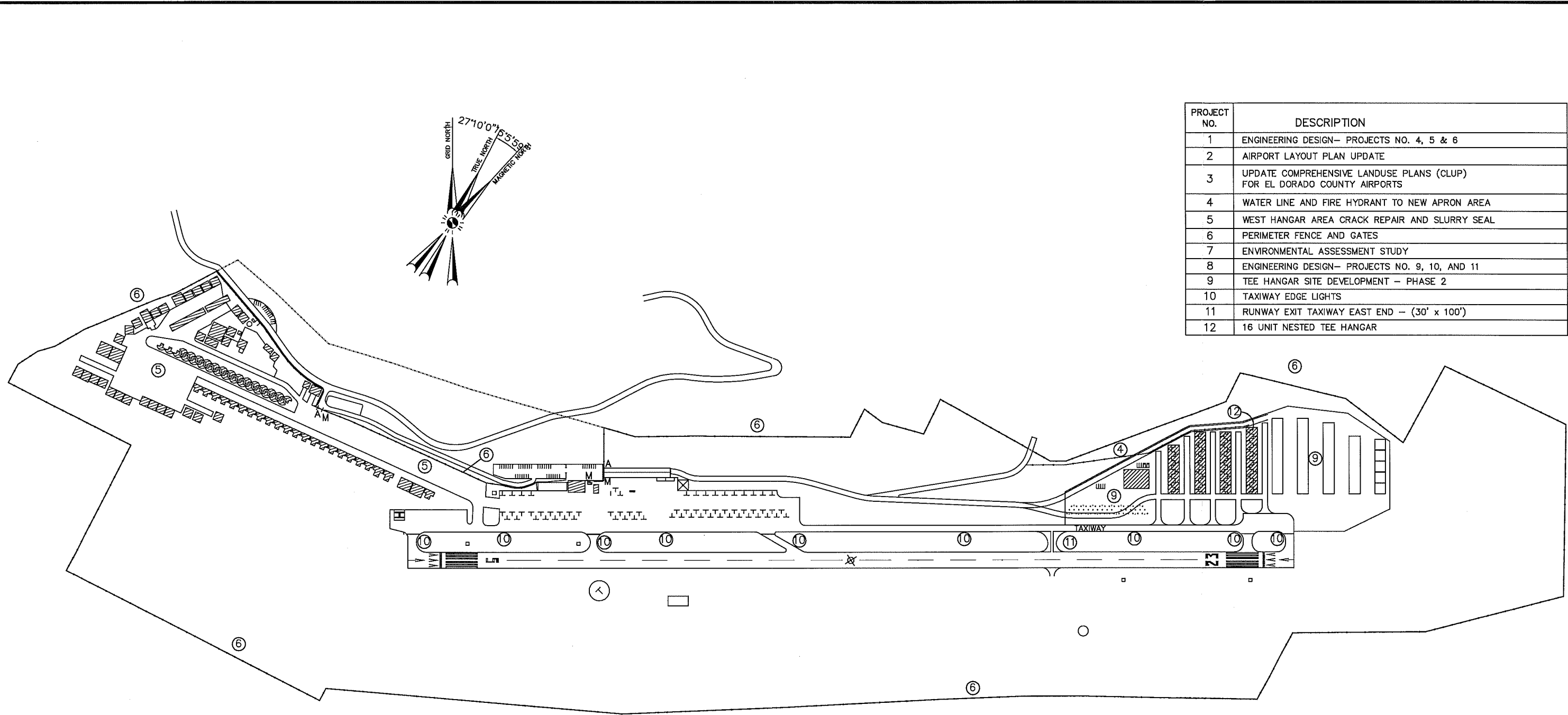
**Project No. 12 – 16-Unit Nested Tee Hangar**

After Projects 1 through 11 have been completed, all required aviation facilities at the Placerville Airport will be complete. In Project No. 12, it is proposed to construct a 16-unit Nested Tee Hangar in the east end development area. The income from the rental of these hangars will assist in making the airport self-sufficient. The breakdown of costs for the project is included in Table No. 12.


The Engineer's Estimate for each project is included in Tables 1 through 12. A summary of project costs showing construction costs, engineering and administration costs, total costs, F.A.A. participation, State participation, and local participation are included in Table No. 13.

A Sketch Map has been prepared and is included as Sheet No. 1. On the sketch map the location and extent of each project are identified.

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PROJECT NO.	DESCRIPTION
1	ENGINEERING DESIGN- PROJECTS NO. 4, 5 & 6
2	AIRPORT LAYOUT PLAN UPDATE
3	UPDATE COMPREHENSIVE LANDUSE PLANS (CLUP) FOR EL DORADO COUNTY AIRPORTS
4	WATER LINE AND FIRE HYDRANT TO NEW APRON AREA
5	WEST HANGAR AREA CRACK REPAIR AND SLURRY SEAL
6	PERIMETER FENCE AND GATES
7	ENVIRONMENTAL ASSESSMENT STUDY
8	ENGINEERING DESIGN- PROJECTS NO. 9, 10, AND 11
9	TEE HANGAR SITE DEVELOPMENT - PHASE 2
10	TAXIWAY EDGE LIGHTS
11	RUNWAY EXIT TAXIWAY EAST END - (30' x 100')
12	16 UNIT NESTED TEE HANGAR

  
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COUNTY OF EL DORADO  
 STATE OF CALIFORNIA  
**PLACERVILLE AIRPORT**  
 EL DORADO COUNTY, CALIFORNIA  
**AIRPORT CAPITAL IMPROVEMENT PROGRAM - SKETCH MAP**

**SCALE**  
 NONE  
**DATE** JAN 2, 2009  
**SHEET NUMBER**  
 1 OF 1 SHEETS

# 2009 Placerville Airport CIP

El Dorado County Department of Transportation								
Placerville Airport Capital Improvement Program (ACIP) 2009-2016								
Project Priority	Proposed Construction Year	Description	Cost Estimate			Funding Source		
			Construction Cost	Engineering & Admin. Cost	Total Project Cost	F.A.A. Participation	State Participation	Local Participation
1	2009	Engineering Design - Projects No. 4, 5, and 6		62,000	62,000	58,900	1,473	1,628
2	2009	Airport Layout Plan Update		38,000	38,000	36,100	903	998
3	2010	Update Airport Comprehensive Land Use Plans (CLUP)		250,000	250,000	0	225,000	25,000
4	2010	West Hangar Area Crack Repair and Slurry Seal	84,000	14,000	98,000	93,100	2,328	2,573
5	2010	Water Line and Fire Hydrant to New Apron Area	141,000	24,000	165,000	156,750	3,919	4,331
6	2011	Perimeter Fence and Gates	527,000	89,000	616,000	585,200	14,630	16,170
7	2012	Environmental Assessment Study - Proj. No. 9, 10 and 11		210,000	210,000	199,500	4,988	5,513
8	2012	Engineering Design - Projects No. 9, 10, and 11		221,000	221,000	209,950	5,249	5,801
9	2013/14	Tee Hangar Site Development - Phase 2	2,500,000	446,000	2,946,000	2,798,700	69,968	77,333
10	2015	Taxiway Edge Lights	390,000	70,000	460,000	437,000	10,925	12,075
11	2015	Runway Exit Taxiway East End - 40' x 100'	200,000	36,000	236,000	224,200	5,605	6,195
12	2016	16-Unit Nested Tee Hangar	800,000	200,000	1,000,000	950,000	23,750	26,250
<b>Totals</b>			<b>\$4,642,000</b>	<b>\$1,660,000</b>	<b>\$6,302,000</b>	<b>\$5,749,400</b>	<b>\$368,735</b>	<b>\$183,865</b>

2009 DOT Airports CIP

**TABLE NO. 1**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 1 - Engineering Design for:***

Project No. 4 - Water Line and Fire Hydrant to New Apron Area

Project No. 5 - West Hangar Area Crack Repair and Slurry Seal

Project No. 6 - Perimeter Fence and Gates

**Estimated Construction Cost (2009 unit prices) - \$752,000**

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Categorical Exclusion	L.S.	L.S.	L.S.	\$ 4,000
2	Topographic Surveys	L.S.	L.S.	L.S.	4,000
3	Crack Survey	L.S.	L.S.	L.S.	2,000
4	Engineering Design including Preparation of Plans and Specifications, Engineer's Report, Engineer's Estimate*	L.S.	L.S.	L.S.	46,000
5	Administrative Costs	L.S.	L.S.	L.S.	6,000
	<b><i>Total Project No. 1</i></b>				<b>\$ 62,000</b>

\*Does not include assistance in bidding and award or construction surveillance and consultation or resident engineering, testing and inspection during construction.

**TABLE NO. 2**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 2 - Airport Layout Plan Update***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Airport Layout Plan Update	L.S.	L.S.	L.S.	\$ 33,000
2	Administrative Costs	L.S.	L.S.	L.S.	5,000
	<b><i>Total Project No. 2</i></b>				<b>\$ 38,000</b>

**TABLE NO. 3**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 3 - Update Comprehensive Land Use Plans (CLUP)  
for El Dorado County Airports  
(Non Federally Funded)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Update Comprehensive Land Use Plans	L.S.	L.S.	L.S.	\$ 240,000
2	Administrative Costs	L.S.	L.S.	L.S.	10,000
	<b><i>Total Project No. 3</i></b>				<b>\$ 250,000</b>



**TABLE NO. 4**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 4 - Water Line and Fire Hydrant to New Apron Area  
(Based on 2009 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	\$ 20,000
2	10-inch Water Line	Ln. Ft.	\$ 50.00	2,000.0	100,000
3	10-inch Water Valve	Each	\$ 3,000.00	2.0	6,000
4	Fire Hydrant	Each	5,000.00	3.0	15,000
	<b><i>Total Project No. 4</i></b>				<b>\$ 141,000</b>

**TABLE NO. 5**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 5 - West Hangar Area Crack Repair and Slurry Seal  
(Based on 2009 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	\$ 8,000
2	Marking & Lighting Closed Airport Facilities	L.S.	L.S.	L.S.	3,000
3	Prepare and Seal Cracks	Ln. Ft.	\$ 4.00	8,000.0	32,000
4	Slurry Seal	Sq. Yd.	4.50	6,500.0	29,250
5	Airfield Marking	Sq. Ft.	2.00	5,000.0	10,000
	<b><i>Total Project No. 5</i></b>				<b>\$ 82,250</b>
	<b><i>Total Project No. 5 - Use</i></b>				<b>\$ 84,000</b>

**TABLE NO. 6**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 6 - Perimeter Fence and Gates - 19,000 In. ft.  
(Based on 2009 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	\$ 10,000
2	8-foot Chain Link Fence Plus Barb Wire Top	Ln. Ft.	\$ 20.00	17,000.0	340,000
3	6-foot Chain Link Fence Plus Barb Wire Top	Ln. Ft.	\$ 18.00	2,000.0	36,000
4	24-foot Electrically Operated Sliding Gate	Each	45,000.00	3.0	135,000
5	12-foot Swing Gate	Each	1,200.00	3.0	3,600
6	4-foot Pedestrian Gate	Each	1,000.00	2.0	2,000
	<i>Total Project No. 6</i>				\$ 526,600
	<b><i>Project No. 6 - Use</i></b>				\$ 527,000

**TABLE NO. 7**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 7 - Environmental Assessment Study - Projects 9, 10, and 11***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Environmental Assessment Study	L.S.	L.S.	L.S.	\$ 200,000
2	Administrative Costs	L.S.	L.S.	L.S.	10,000
	<b><i>Total Project No. 7</i></b>				\$ 210,000

**TABLE NO. 8**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 8 - Engineering Design for:***

Project No. 9 - Tee Hangar Site Development - Phase 2

Project No. 10 - Taxiway Edge Lights

Project No. 11 - Runway Exit Taxiway East End

**Estimated Construction Cost (2009 unit prices) - \$3,090,000**

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Categorical Exclusion	L.S.	L.S.	L.S.	\$ 10,000
2	Topographic Surveys	L.S.	L.S.	L.S.	12,000
3	Geotechnical Studies, Pavement Design	L.S.	L.S.	L.S.	25,000
4	Engineering Design including Preparation of Plans and Specifications, Engineer's Report, Engineer's Estimate*	L.S.	L.S.	L.S.	164,000
5	Administrative Costs	L.S.	L.S.	L.S.	10,000
	<b>Total Project No. 8</b>				<b>\$ 221,000</b>

\*Does not include assistance in bidding and award or construction surveillance and consultation or resident engineering, testing and inspection during construction.

**TABLE NO. 9**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 9 - Tee Hangar Site Development - Phase 2  
(Based on 2009 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	\$ 20,000
2	Marking & Lighting Closed Airport Facilities	L.S.	L.S.	L.S.	10,000
3	Clearing & Grubbing	L.S.	L.S.	L.S.	30,000
4	Unclassified Excavation	Cu. Yd.	\$ 10.00	100,000.0	1,000,000
5	Scarify & Recompact Subgrade	Sq. Yd.	2.00	22,500.0	45,000
6	Aggregate Subbase Course (3.5")	Ton	40.00	7,600.0	304,000
7	Aggregate Base Course (5.5")	Ton	50.00	7,000.0	350,000
8	Bituminous Surface Course (3")	Ton	110.00	3,800.0	418,000
9	Bituminous Prime Coat	Ton	1,400.00	18.0	25,200
10	Marking	Sq. Ft.	2.00	4,000.0	8,000
11	18" RCP	Ln. Ft.	80.00	900.0	72,000
12	18" CMP Tee Section	Each	2,000.00	1.0	2,000
13	New Drop Inlet	Each	6,000.00	8.0	48,000
14	Rip Rap	Ton	75.00	80.0	6,000
15	New AC Curb & Gutter	Ln. Ft.	12.00	700.0	8,400
16	1W-2" Type II Electrical Duct	Ln. Ft.	16.00	900.0	14,400
17	2W-3" Type I Electrical Duct	Ln. Ft.	24.00	180.0	4,320
18	New Cable	Ln. Ft.	2.00	1,200.0	2,400
19	New Pull Box	Each	4,000.00	8.0	32,000
20	New Taxiway Edge Light	Each	1,800.00	12.0	21,600
21	New Airfield Guidance Sign	Each	4,000.00	1.0	4,000
22	New Tie Down Anchors	Each	200.00	51.0	10,200
23	Seeding	Acre	4,000.00	10.0	40,000
	<i>Total Project No. 9</i>				\$ 2,475,520
	<b><i>Project No. 9 - Use</i></b>				\$ 2,500,000

**TABLE NO. 10**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 10 - Taxiway Edge Lights***  
**(Based on 2009 Unit Prices)**

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	\$ 10,000
2	Mark and Light Closed Airport Facilities	L.S.	L.S.	L.S.	10,000
3	New 1W-2" Type II Electrical Duct	Ln .Ft.	\$ 16.00	7,000.0	112,000
4	New No. 8 Cable	Ln .Ft.	2.00	10,000.0	20,000
5	New Taxiway Edge Lights	Each	1,600.00	100.0	160,000
6	New Airfield Guidance Signs	Each	3,500.00	12.0	42,000
7	New Regulator	Each	18,000.00	1.0	18,000
8	Vault Work	L.S.	L.S.	L.S.	15,000
	<i>Total Project No. 10</i>				\$ 387,000
	<b><i>Project No. 10 - Use</i></b>				\$ 390,000

**TABLE NO. 11**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

**Project No. 11 - Runway Exit Taxiway East End - 40' x 100'  
(Based on 2009 Unit Prices)**

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	\$ 10,000
2	Mark and Light Closed Airport Facilities	L.S.	L.S.	L.S.	10,000
3	Clearing and Grubbing	Acre	\$ 4,000.00	0.5	2,000
4	Excavation	Cu. Yd.	20.00	1,500.0	30,000
5	Scarify & Recompact Subgrade	Sq. Yd.	2.00	750.0	1,500
6	Aggregate Subbase (6")	Ton	40.00	300.0	12,000
7	Aggregate Base Course (6")	Ton	70.00	300.0	21,000
8	Bituminous Surface Course (3")	Ton	200.00	130.0	26,000
9	Bituminous Prime Coat	Ton	1,400.00	1.0	1,400
10	Airfield Marking	Sq. Ft.	2.00	1,200.0	2,400
11	New 18" RCP	Ln .Ft.	100.00	350.0	35,000
12	New Flared End Section	Each	1,500.00	2.0	3,000
13	New 1W-2" Type II Electrical Duct	Ln .Ft.	16.00	270.00	4,320
14	New 2W-3" Type I Electrical Duct	Ln .Ft.	24.00	100.00	2,400
15	New No. 8 Cable	Ln .Ft.	2.00	500.00	1,000
16	New Pull Box	Each	4,000.00	2.00	8,000
17	New Taxiway Edge Lights	Each	1,600.00	12.00	19,200
18	New Airfield Guidance Signs	Each	3,500.00	3.00	10,500
	<i>Total Project No. 11</i>				\$ 199,720
	<b>Project No. 11 - Use</b>				\$ 200,000

**TABLE NO. 12**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM**

**ENGINEER'S ESTIMATE**

***Project No. 12 - 16-Unit Nested Tee Hangars  
(Based on 2009 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	16-Unit Nested Tee Hangar	L.S.	L.S.	L.S.	\$ 720,000
2	Apron Paving	Sq. Ft.	\$ 5.00	15,000.0	75,000
	<i>Total Project No. 12</i>				\$ 795,000
	<b><i>Project No. 12 - Use</i></b>				\$ 800,000

**TABLE NO. 13**

**PLACERVILLE AIRPORT  
PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**AIRPORT CAPITAL IMPROVEMENT PROGRAM - 2009-2016**

**SUMMARY OF PROJECT COSTS**  
**(Based on 2009 Unit Prices)**

Project Priority/ No.	Shown on ALP	Project Type	Construction Year	Description	Construction Cost	Engineering & Administration Cost	Total Project Cost	F.A.A. Participation	State Participation	Local Participation
1	--	D	2009	Engineering Design - Projects No. 4, 5, and 6	\$ -	\$ 62,000	\$ 62,000	\$ 58,900	\$ 1,473	\$ 1,628
2	--	P	2009	Airport Layout Plan Update		38,000	38,000	36,100	903	998
3	--	P	2009	Update Comprehensive Land Use Plans (CLUP) for El Dorado County Airports	-	250,000	250,000	-	225,000	25,000
4	Yes	D	2010	Water Line and Fire Hydrant to New Apron Area	141,000	24,000	165,000	156,750	3,919	4,331
5	Yes	D	2010	West Hangar Area Crack Repair and Slurry Seal	84,000	14,000	98,000	93,100	2,328	2,573
6	Yes	D	2011	Perimeter Fence and Gates	527,000	89,000	616,000	585,200	14,630	16,170
7	--	E	2012	Environmental Assessment Study - Projects No. 9, 10, and 11	-	210,000	210,000	199,500	4,988	5,513
8	--	D	2012	Engineering Design - Projects No. 9, 10, and 11	-	221,000	221,000	209,950	5,249	5,801
9	Yes	D	2013/14	Tee Hangar Site Development - Phase 2	2,500,000	446,000	2,946,000	2,798,700	69,968	77,333
10	Yes	D	2015	Taxiway Edge Lights	390,000	70,000	460,000	437,000	10,925	12,075
11	Yes	D	2015	Runway Exit Taxiway East End - 40' x 100'	200,000	36,000	236,000	224,200	5,605	6,195
12	Yes	D	2016	16-Unit Nested Tee Hangar	800,000	200,000	1,000,000	950,000	23,750	26,250
				<b>Totals</b>	<b>\$ 4,642,000</b>	<b>\$ 1,660,000</b>	<b>\$ 6,302,000</b>	<b>\$ 5,749,400</b>	<b>\$ 368,735</b>	<b>\$ 183,865</b>



## **AIRPORT CAPITAL IMPROVEMENT PROGRAM (ACIP)**

### **PLACERVILLE AIRPORT PLACERVILLE, EL DORADO COUNTY, CALIFORNIA**

**January 5, 2009**

Placerville Airport serves the general aviation needs of Placerville and the surrounding unincorporated area of El Dorado County. Several construction projects have been completed at this airport with Federal aid under the AIP Program.

An ACIP has been prepared and is presented herewith for 12 new projects that are required for the continued operation at this airport. Included in this ACIP are the following:

- ◆ AWP ACIP Data Sheet
- ◆ Series of tables showing the breakdown of costs for each project
- ◆ A table showing the summary of project costs.
- ◆ Program Narrative
- ◆ Sketch Map showing the location of the projects

The Airport Layout Plan was last updated in January 2007.

The Airport Layout Plan Update included the update of Exhibit "A", Property Map.

The last environmental work was completed in 2006 in the form of an Environmental Baseline Study. An Environmental Assessment Study is included in this ACIP in Project No. 7, which is proposed for 2012.

**AWP ACIP DATA SHEET**

Airport Name		Placerville Airport	Fiscal Yr			2009
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share**	Total	
--	D	Engineering Design - Projects 4, 5, and 6	\$ 58,900	\$ 3,100	\$ 62,000	
--	P	Airport Layout Plan Update	36,100	1,900	38,000	
--	P	Update CLUP for County Airports	-	250,000	250,000	
* D - Development; P - Planning; E - Environmental **Includes State Share - See attached Table No. 13						
<b>PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS</b>						
<b>Detail Project Description (Square/Lineal Footage or Length/Width)</b>						
Project No. 1 - Engineering Design - Projects 4, 5, and 6 - See Table No. 1 for detailed descriptions.						
Project No. 2 - Airport Layout Plan Update						
Project No. 3 - Update Comprehensive Land Use Plans (CLUP) for El Dorado County Airports - State Funded						
<b>See Program Narrative for Detailed Descriptions.</b>						
<b>Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)</b>						
Project No. 1 - Engineering Design Projects 4, 5, and 6 - The consultant selection has taken place and it is anticipated that this design work will be accomplished in 2009.						
Project No. 2 - Airport Layout Plan Update - The consultant selection has taken place and it is anticipated that this planning work will be accomplished in 2009.						
Project No. 3 - Update CLUP for El Dorado County Airports - The consultant selection has taken place and it is anticipated that this planning work will be accomplished in 2009.						
<b>NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)</b>						
The last environmental work was completed in 2006 in the form of an Environmental Baseline Study. Categorical Exclusions will be obtained for Projects 4, 5, and 6 during Project No. 1 of this ACIP.						
<b>Land Title Status &amp; Date of Exhibit "A" Status</b>			<b>Date</b>	<b>2007</b>		
Title, in fee, to all land outlined in red on Exhibit "A," Property Map. This Exhibit "A" will be updated with the Airport Layout Plan Update proposed to be conducted in 2009.						
<b>Open AIP Funded Projects</b>			<b>Expected Close-out Date</b>			
3-06-0188-12	Install AWOS, Rehab. R/W Lighting Phase 2		June 2009			
<b>Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.</b>						
<b>Name and Title of Authorized Representative (Print or Type)</b>			<b>Contact Name and Title (Print or Type)</b>			
Richard W. Shepard, P.E., Director of Transportation			Dave Nicolls, Airport Operations			
<b>Signature</b>		<b>Date</b>	<b>Contact Phone (Print or Type)</b>			
			(530) 622-0459			

**AWP ACIP DATA SHEET**

<b>Airport Name</b>		Placerville Airport	<b>Fiscal Yr</b>		2010
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share**	Total
Yes	D	Water Line and Fire Hydrant to New Apron Area	\$ 156,750	\$ 8,250	\$ 165,000
Yes	D	West Hangar Area Crack Repair and Slurry Seal	93,100	4,900	98,000
* D - Development; P - Planning; E - Environmental    **Includes State Share - See attached Table No. 13					
<b>PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS</b>					
<b>Detail Project Description (Square/Lineal Footage or Length/Width)</b>					
Project 4 - Water Line and Fire Hydrant to New Apron Area Project 5 - West Hangar Area Crack Repair (8,000 In. ft.) and Slurry Seal (6,500 sq. yd.)					
<b>See Program Narrative for Detailed Descriptions.</b>					
<b>Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)</b>					
Projects 4 and 5 - The engineering design of these projects will be performed in 2009. It is proposed to construct these projects in 2010.					
<b>NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)</b>					
It is anticipated that a Cat Ex will be obtained during the design of these projects in 2009.					
<b>Land Title Status &amp; Date of Exhibit "A" Status</b>			<b>Date</b>	2009	
Title, in fee, to all land outlined in red on Exhibit "A," Property Map.					
<b>Open AIP Funded Projects</b>			<b>Expected Close-out Date</b>		
<b>Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.</b>					
<b>Name and Title of Authorized Representative (Print or Type)</b>			<b>Contact Name and Title (Print or Type)</b>		
Richard W. Shepard, P.E., Director of Transportation			Dave Nicolls, Airport Operations		
<b>Signature</b>		<b>Date</b>	<b>Contact Phone (Print or Type)</b>		
			(530) 622-0459		

**AWP ACIP DATA SHEET**

Airport Name		Placerville Airport	Fiscal Yr			2011
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share**	Total	
Yes	D	Perimeter Fence and Gates - 19,000 In. ft	\$ 585,200	\$ 30,800	\$ 616,000	
* D - Development; P - Planning; E - Environmental **Includes State Share - See attached Table No. 13						
<b>PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS</b>						
Detail Project Description (Square/Lineal Footage or Length/Width)						
Project No. 6 - Perimeter Fence (19,000 In ft.) and Gates						
<i>See Program Narrative for Detailed Descriptions.</i>						
Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)						
Project 6 - Perimeter Fence and Gates - The engineering design of this project will be performed in 2009. It is proposed to build this project in 2011.						
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)						
It is anticipated that a Cat Ex will be obtained during the design of this project in 2009.						
Land Title Status & Date of Exhibit "A" Status			Date	2009		
Title, in fee, to all land outlined in red on Exhibit "A," Property Map.						
Open AIP Funded Projects			Expected Close-out Date			
Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.						
Name and Title of Authorized Representative (Print or Type)			Contact Name and Title (Print or Type)			
Richard W. Shepard, P.E., Director of Transportation			Dave Nicolls, Airport Operations			
Signature		Date	Contact Phone (Print or Type)			
			(530) 622-0459			

**AWP ACIP DATA SHEET**

<b>Airport Name</b>		Placerville Airport	<b>Fiscal Yr</b>			2012
<b>Shown On ALP</b>	<b>Project Type*</b>	<b>Project Description</b>	<b>Federal Share</b>	<b>Local Share**</b>	<b>Total</b>	
--	E	Environmental Assessment Study - Projects 9, 10, and 11	\$ 199,500	\$ 10,500	\$ 210,000	
--	D	Engineering Design - Projects 9, 10, and 11	209,950	11,050	221,000	
* D - Development; P - Planning; E - Environmental    **Includes State Share - See attached Table No. 13						
<b>PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS</b>						
<b>Detail Project Description (Square/Lineal Footage or Length/Width)</b>						
Project No. 7 - Environmental Assessment Study - In order to allow proper development of the airport it will be necessary that environmental clearances and necessary permits be obtained. This will require a detailed Environmental Assessment.						
Project No. 8 - Engineering Design - Projects 9, 10, and 11 - See Table No. 8 for detailed descriptions.						
<b>See Program Narrative for Detailed Descriptions.</b>						
<b>Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)</b>						
Project No. 7 - Environmental Assessment Study - Consultant selection will be undertaken in 2011 and it is anticipated that the Environmental Assessment will begin and be completed in 2012.						
Project No. 8 - Engineering Design Projects 9, 10, and 11 - The consultant selection will take place in 2011 and it is anticipated that this design work will be accomplished in 2012.						
<b>NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)</b>						
Project No. 7 of this ACIP includes an Environmental Assessment Study in 2012.						
<b>Land Title Status &amp; Date of Exhibit "A" Status</b>			<b>Date</b>	2009		
Title, in fee, to all land outlined in red on Exhibit "A," Property Map.						
<b>Open AIP Funded Projects</b>			<b>Expected Close-out Date</b>			
Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.						
<b>Name and Title of Authorized Representative (Print or Type)</b>			<b>Contact Name and Title (Print or Type)</b>			
Richard W. Shepard, P.E., Director of Transportation			Dave Nicolls, Airport Operations			
<b>Signature</b>		<b>Date</b>	<b>Contact Phone (Print or Type)</b>			
			(530) 622-0459			

**AWP ACIP DATA SHEET**

<b>Airport Name</b>		Placerville Airport	<b>Fiscal Yr</b>			2013-2014
<b>Shown On ALP</b>	<b>Project Type*</b>	<b>Project Description</b>	<b>Federal Share</b>	<b>Local Share**</b>	<b>Total</b>	
Yes	D	Tee Hangar Site Development - Phase 2	\$ 2,798,700	\$ 147,300	\$ 2,946,000	
* D - Development; P - Planning; E - Environmental    **Includes State Share - See attached Table No. 13						
<b>PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS</b>						
<b>Detail Project Description (Square/Lineal Footage or Length/Width)</b>						
Project 9 - Tee Hangar Site Development - Phase 2						
<i>See Program Narrative for Detailed Description.</i>						
<b>Project Schedule (Anticipated date for bids or negotiated prices, consultant selection for planning or environmental projects, length of construction or design, planning or environmental process)</b>						
Project 9 - Tee Hangar Site Development - Phase 2 - The engineering design of this project will be completed in 2012. It is proposed to bid this project in the spring of 2013 and complete construction by the end of 2014.						
<b>NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)</b>						
It is anticipated that a FONSI will be obtained in the EA proposed to be accomplished in 2012 and a Cat Ex will be obtained during design of this project in 2012.						
<b>Land Title Status &amp; Date of Exhibit "A" Status</b>			<b>Date</b>	2009		
Title, in fee, to all land outlined in red on Exhibit "A," Property Map.						
<b>Open AIP Funded Projects</b>			<b>Expected Close-out Date</b>			
<b>Certification: To the best of my knowledge and belief, all information shown in the ACIP Data Sheet is true and correct and had been duly authorized by the Sponsor.</b>						
<b>Name and Title of Authorized Representative (Print or Type)</b>			<b>Contact Name and Title (Print or Type)</b>			
Richard W. Shepard, P.E., Director of Transportation			Dave Nicolls, Airport Operations			
<b>Signature</b>		<b>Date</b>	<b>Contact Phone (Print or Type)</b>			
			(530) 622-0459			