

AIRPORT CAPITAL IMPROVEMENT PROGRAM (ACIP)

MAMMOTH YOSEMITE AIRPORT MAMMOTH LAKES, MONO COUNTY, CALIFORNIA

January 21, 2014

The Mammoth Yosemite Airport serves the commercial aviation and general aviation needs of the Town of Mammoth Lakes and the County of Mono, California.

The Mammoth Lakes area is rapidly developing as a major year-round recreation area. It is a major ski area in the winter and mountain recreation area in the summer. The construction of major resort hotels is underway. It is anticipated that the demand for passenger service will increase rapidly and the size and frequency of operation of commercial aircraft will increase in the near future. This increased commercial activity can be expected to include regional jet and turbo prop aircraft.

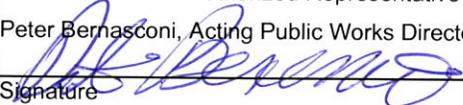
An ACIP has been prepared for this airport that includes 42 projects that are required for the continued operation of this airport. Included in this ACIP are the following:

- ◆ AWP ACIP Data Sheets for fiscal years 2014 through 2019
- ◆ Series of tables showing the breakdown of costs for each project
- ◆ A table showing the summary of project costs based on 2014 unit prices.
- ◆ Program Narrative
- ◆ Sketch Map showing the location of the projects

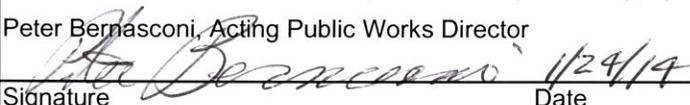
The Airport Layout Plan is currently being reviewed by the F.A.A. This recently completed Airport Layout Plan identified several items on the airport that deviated from F.A.A. Standards. Many of these non-standard conditions are proposed to be corrected within the next few years and are included in this ACIP.

An Environmental Impact Statement was prepared for development at this airport in 2008. It is proposed to conduct an Environmental Assessment for the new terminal building, airline apron, access road, and automobile parking in 2014.

AWP ACIP DATA SHEET

Airport Name		Mammoth Yosemite Airport	Fiscal Yr			2014
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total	
Yes	E	1. Environmental Assessment	\$ 405,000	\$ 45,000	\$ 450,000	
Yes	D	2. Engineering Design Projects 3, 5 thru 8	184,500	20,500	205,000	
Yes	D	3. Pavement Marking	279,000	31,000	310,000	
Yes	D	4. Joint Seal Apron and Taxilane	76,500	8,500	85,000	
Yes	D	5. Reconstruct GA Apron Phase 1	1,500,300	166,700	1,667,000	
TOTAL 2014			\$ 2,445,300	\$ 271,700	\$ 2,717,000	
* D - Development; P - Planning; E - Environmental						
PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS						
Detail Project Description (Square/Lineal Footage or Length/Width)						
<p>Project No. 1 - Environmental Assessment - New Terminal Area Development, Regrade ROFA, and Wildlife/Security Fence - A Terminal Area Study has been conducted that shows a new moderate sized terminal building, terminal apron, access road, parking lot, and wildlife/security fence will be required. It will be necessary to regrade the Runway Object Free Area. The development of the new terminal facilities, including the wildlife/security fence, and the regrading of the ROFA will require an Environmental Assessment (EA).</p> <p>Project No. 2 - Engineering Design of Projects No. 3 (Pavement Marking), 5 (Reconstruct GA Apron Phase 1), 6 (Obstruction Light Row - North Side); 7 (Relocate Wind Socks and Segmented Circle); and 8 (Obstruction Lights on Street Light & Power Poles - Benton Crossing)</p> <p>Project No. 3 - Pavement Marking - Remarkings of existing faded markings, removal and renumbering of the runway end markings required by changes in magnetic declination, and updating the existing marking, particularly placing 6-inch black paint outlines on all major markings as required by the new F.A.A. Advisory Circular 150/5340-1L dated 9-2013.</p> <p>Project No. 4 - Joint Seal Apron and Taxilane (Joint Seal - 28,000 Ln. Ft.) to repair seals in joints that have been removed by snow plowing operations and portions that have become separated from the pavement.</p> <p>Project No. 5 - Reconstruct General Aviation Aircraft Parking Apron Phase 1 - The north general aviation tie down apron has experienced significant deterioration due to weathering and thermal stresses. This apron will need to be reconstructed.</p>						
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 No. 1 - It is proposed to complete these environmental studies in 2014. Estimated completion time: 1 year						
Project No. 2 - It is proposed to complete the engineering design of these projects in 2014. Estimated completion time: 3 months						
Projects No. 3 and 5 - It is proposed to design and construct these projects in 2014.						
Project No. 4 - The engineering design of this project is being completed under AIP 28. It is proposed to construct this project in 2014.						
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)						
Projects 3, 5, 6, 7, and 8 - A Cat Ex was submitted to FAA for approval in 2013.						
Project 4 - A Cat Ex has been submitted to and approved by F.A.A.						
Land Title Status & Date of Exhibit "A" Status			Date	2013		
Title, in fee, to all land outlined in red on Exhibit "A," Property Map.						
Open AIP Funded Projects			Expected Close-out Date			
AIP 27		Wildlife Hazard Assessment	Nov-14			
AIP 28		PMMP, Design, Terminal Reimbursement	Sep-14			
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)			
Peter Bernasconi, Acting Public Works Director			Brian Picken, Asst. Airport Manager			
Signature 		Date	Contact Phone (Print or Type)			
		1/24/14	(760) 934-3813			

AWP ACIP DATA SHEET

Airport Name		Mammoth Yosemite Airport	Fiscal Yr			2015
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total	
Yes	D	6. Obstruction Light Row - North Side	\$ 230,400	\$ 25,600	\$ 256,000	
Yes	D	7. Wind Socks & Segmented Circle	96,300	10,700	107,000	
Yes	D	8. Obstruction Lights - Street/Power Poles	36,000	4,000	40,000	
Yes	D	9. Second ARFF Vehicle	720,000	80,000	800,000	
TOTAL 2015			\$ 1,082,700	\$ 120,300	\$ 1,203,000	
* D - Development; P - Planning; E - Environmental						
PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS						
Detail Project Description (Square/Lineal Footage or Length/Width)						
<p>Project No. 6 - Obstruction Light Row - North Side - Doe Ridge, the east hangars, and a portion of the west hangars are obstructions as defined by FAR Part 77. It is proposed to construct a row of flashing red obstruction lights at a distance of 390 feet north of the runway centerline to identify the objects in this area that are listed as obstructions.</p>						
<p>Project No. 7 - Relocate Wind Socks and Segmented Circle - The existing windsocks at the ends of Runways 9 & 27 are located within the Runway Safety Area. The existing segmented circle and wind cone are within the existing Object Free Area. In order to comply with F.A.A Runway Safety Area and Object Free Area standards these segmented circles and windsocks need to be relocated.</p>						
<p>Project No. 8 - Install Obstruction Lights on Street Light Pole and Power Pole at Benton Crossing Road - The existing street light and power pole at Benton Crossing Road are obstructions to the Threshold Siting Departure Plane. It is proposed in this project to install a red solar powered obstruction light on the top of each of these poles.</p>						
<p>Project No. 9 - Second ARFF Vehicle - With the increased airline activity at the airport, a second Airport Rescue and Firefighting (ARFF) Vehicle is required for safety of the airport.</p> <p align="center"><i>See Program Narrative for Detailed Descriptions</i></p>						
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)						
Projects No. 6, 7, and 8 - The engineering design of these projects will be completed in 2014. It is proposed to construct these projects in 2015.						
Project No. 9 - It is proposed to acquire this equipment in 2015.						
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)						
Projects 6, 7, and 8 - A Cat Ex was submitted to FAA for approval in 2013.						
Land Title Status & Date of Exhibit "A" Status		Date	2013			
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)			
Peter Bernasconi, Acting Public Works Director			Brian Picken, Asst. Airport Manager			
Signature 		Date	Contact Phone (Print or Type)			
		1/29/14	(760) 934-3813			

AWP ACIP DATA SHEET

Airport Name		Mammoth Yosemite Airport	Fiscal Yr			2016
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total	
Yes	D	10. Architectural Design - New Airline Terminal	\$ 1,467,000	\$ 163,000	\$ 1,630,000	
Yes	D	11. Engineering Design Project 13	225,000	25,000	250,000	
		12. Engineering Design Projects 15-18, 20	688,500	76,500	765,000	
Yes	D	13. Grade ROFA	3,214,800	357,200	3,572,000	
TOTAL 2016			\$ 5,595,300	\$ 621,700	\$ 6,217,000	

* D - Development; P - Planning; E - Environmental

PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS

Detail Project Description (Square/Lineal Footage or Length/Width)

Project No. 10 - Architectural Design for New Terminal will be performed in this project.

Project No. 11 - Engineering Design for Grading of the ROFA will be performed in this project.

Project No. 12 - Engineering Design for Projects No. 15 (Airline Apron, Deicing Pad, and Terminal Apron Taxiways), 16 (Access Road), 17 (Auto Parking), 18 (Terminal Area Utilities), and 19 (Wildlife/Security Fence and Cameras) will be performed in this project.

Project No. 13 - Grade Runway Object Free Area From Runway Safety Area Edge to Highway 395 ROW Fence Line - It is proposed in this project to regrade the runway object free area from the edge of the runway safety area to the Highway 395 right-of-way fence

See Program Narrative for Detailed Descriptions

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 No. 10 - It is anticipated that the architectural design of this project will be completed in 2016.

Estimated completion time: 6 months

Project No. 11 - It is anticipated that the engineering design of this project will be completed in 2016.

Estimated completion time: 3 months

Project No. 12 - It is anticipated that the engineering design of these projects will be completed in 2016.

Estimated completion time: 6 months

Project No. 13 - The engineering design of this project will be performed in 2016. It is proposed to construct this project in 2016.

NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)

Projects 10, 11, 12, and 13 - Environmental clearances will be obtained with the submittal of the EA in 2014 (Project 1 of this ACIP)

Land Title Status & Date of Exhibit "A" Status	Date	2013
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)

Peter Bernasconi, Acting Public Works Director

Peter Bernasconi 1/24/14
Signature Date

Contact Name and Title (Print or Type)

Brian Picken, Asst. Airport Manager

Contact Phone (Print or Type)

(760) 934-3813

AWP ACIP DATA SHEET

Airport Name		Mammoth Yosemite Airport	Fiscal Yr			2017
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total	
--	D	14. Construct Airline Terminal	\$ 16,634,700	\$ 1,848,300	\$ 18,483,000	
		TOTAL 2017	\$ 16,634,700	\$ 1,848,300	\$ 18,483,000	

* D - Development; P - Planning; E - Environmental

PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS

Detail Project Description (Square/Lineal Footage or Length/Width)

Project No. 14 - Construct New Airline Terminal (40,010 sq. ft.)

See Program Narrative for Detailed Descriptions

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 No. 14 - The architectural design of this project will be performed in 2016. It is proposed to construct this project in 2017.

NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)

Project 14 - Environmental clearances will be obtained with the submittal of the EA in 2014 (Project 1 of this ACIP)

Land Title Status & Date of Exhibit "A" Status Date 2013

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)

Peter Bernasconi, Acting Public Works Director

Signature

Date

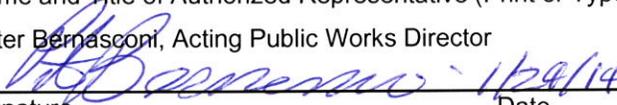
Contact Name and Title (Print or Type)

Brian Picken, Asst. Airport Manager

Contact Phone (Print or Type)

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AWP ACIP DATA SHEET

Airport Name		Mammoth Yosemite Airport	Fiscal Yr			2018
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total	
Y	D	15. Airline Terminal Apron, Deicing Pad, and Terminal Apron Taxiways	\$ 5,474,700	\$ 608,300	\$ 6,083,000	
Y	D	16. Access Road	1,137,600	126,400	1,264,000	
Y	D	17. Automobile Parking Lot	1,463,400	162,600	1,626,000	
Y	D	18. Terminal Area Utilities	1,624,500	180,500	1,805,000	
Y	E	19. Environmental Assessment	108,000	12,000	120,000	
TOTAL 2018			\$ 9,808,200	\$ 1,089,800	\$ 10,898,000	
* D - Development; P - Planning; E - Environmental						
PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS						
Detail Project Description (Square/Lineal Footage or Length/Width)						
Project No. 15 - Airline Terminal Apron, Deicing Pad, and Terminal Apron Taxiways						
Project No. 16 - Access Road (32' x 3,000')						
Project No. 17 - Automobile Parking Lot - 271 stalls						
Project No. 18 - Terminal Area Utilities						
A new terminal building will be constructed in 2017-18. To serve this terminal a new terminal apron, deicing pad and taxiways will be constructed. In addition an automobile parking lot will be constructed and the access road will be extended. Utilities will also be installed to serve this facility.						
Project No. 19 - Environmental Assessment for Projects 23 (New General Aviation Apron), and 26 (Widen Taxiways)						
<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)						
Projects No. 15 through 18 - The design of these projects will be completed in 2016. It is proposed that these projects will be constructed in 2018.						
Project No. 19 - It is proposed to complete these environmental studies in 2018. Estimated completion time: 1 year						
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)						
Projects 15 through 18 - An Environmental Assessment for the total terminal development will be completed under Project No. 1 in 2014.						
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Open AIP Funded Projects			Expected Close-out Date			
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AWP ACIP DATA SHEET

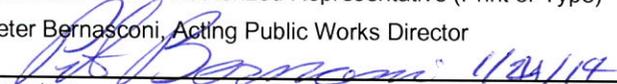
Airport Name		Mammoth Yosemite Airport	Fiscal Yr			2019
Shown On ALP	Project Type*	Project Description	Federal Share	Local Share	Total	
Yes	D	20. Wildlife/Security Fence and Cameras	\$ 790,200	\$ 87,800	\$ 878,000	
Yes	D	21. Engineering Design Projects 23, 24, 26, 30, & 31	544,500	60,500	605,000	
Yes	E	22. Environmental Assessment	45,000	5,000	50,000	
Yes	D	23. New General Aviation Apron	1,516,500	168,500	1,685,000	
TOTAL 2019			\$ 2,896,200	\$ 321,800	\$ 3,218,000	
* D - Development; P - Planning; E - Environmental						
PROVIDE THE FOLLOWING DETAILED INFORMATION FOR PROJECTS ANTICIPATED WITHIN 1-2 YEARS						
Detail Project Description (Square/Lineal Footage or Length/Width)						
<p>Project No. 20 - Construct Wildlife/Security Fence and Cameras - To provide adequate security for this airport, it will be necessary to construct a complete 8-foot chain link fence around the entire property with adequate gates for tenants. A new airfield security camera system will be installed, which will provide capability of monitoring activity at each automatic gate and at critical areas around the terminal and general aviation parking areas.</p> <p>Project No. 21 - Engineering Design of following projects: <i>Project No. 23 - Construct New General Aviation Apron</i> <i>Project No. 24 - Reconstruct General Aviation Aircraft Parking Apron Phase 2</i> <i>Project No. 26 - Widen Taxiways from 50' to 75' to Meet Taxiway Edge Safety Margin for Q400</i> <i>Project No. 30 - Widen Runway Shoulders</i> <i>Project No. 31 - Widen Aircraft Holding Aprons</i></p> <p>Project No. 22 - Environmental Assessment - LADWP & U.S. Forest Service Land Acquisition and/or Use Permits in order to meet F.A.A. and NEPA requirements.</p> <p>Project No. 23 - Construct New General Aviation Apron - It is proposed in this project to expand the general aviation apron to accommodate 44 additional tie down spaces.</p> <p style="text-align: center;">See Program Narrative for Detailed Descriptions</p>						
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 No. 20 - It is proposed to complete the engineering design of this project in 2016 and to construct the project in 2019.						
Project No. 21 - It is proposed to complete the engineering design of these projects in 2019. Estimated time of completion: 4 months						
Project No. 22 - It is proposed to complete these studies in 2019. Estimated time of completion: 1 year						
Project No. 23 - It is proposed to complete the engineering design and construction of this project in 2019.						
NEPA Environmental Status (Date of FONSI or submit CATEX Form for Approval)						
An Environmental Assessment for Projects No. 23 and 26 will be completed under Project No. 19 in 2018. A Cat Ex will be submitted to the F.A.A. for approval for Project No. 24 in 2018.						
Land Title Status & Date of Exhibit "A" Status		Date	2013			
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)			
Peter Bernasconi, Acting Public Works Director			Brian Picken, Asst. Airport Manager			
Signature		Date	Contact Phone (Print or Type)			
		1/24/14	(760) 934-3813			

TABLE NO. 1

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 1 - Environmental Assessment for
Terminal Area Development, Regrading Runway Object Free Area (ROFA)
and Wildlife/Security Fence - Projects 13 through 18 and 20
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Environmental Assessment	L.S.	L.S.	L.S.	\$ 400,000
2	Administrative Costs	L.S.	L.S.	L.S.	50,000
	Total Project No. 1				\$ 450,000

TABLE NO. 2

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 2 - Engineering Design for
Project No. 3 - Pavement Marking
Project No. 5 - Reconstruct General Aviation Aircraft Parking Apron Phase 1
Project No. 6 - Obstruction Light Row - North Side
Project No. 7 - Relocate Wind Socks and Segmented Circle
Project No. 8 - Install Obstruction Lights on Street Light Pole & Power Pole at Benton Crossing
Estimated Construction Cost (2014 unit prices) - \$1,945,000***

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.	20,000
3	Geotechnical Studies/Pavement Design	L.S.	L.S.	L.S.	20,000
4	Engineering Design including Preparation of Plans and Specifications, Engineer's Report, Engineer's Estimate*	L.S.	L.S.	L.S.	135,000
5	Administrative Costs	L.S.	L.S.	L.S.	20,000
	Total Project No. 2				\$ 205,000

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

TABLE NO. 3

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 3 - Pavement Marking
(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 15,000
2	Mobilization	L.S.	L.S.	L.S.	12,000
3	Remove Existing Airfield Marking – AC Pavement	Sq. Ft.	\$ 4.00	6,000.0	24,000
4	Airfield Marking – 2 Coats With Beads	Sq. Ft.	2.00	2,000.0	4,000
5	Airfield Marking – 1 Coat With Beads	Sq. Ft.	1.30	110,000.0	143,000
6	Airfield Marking – Black With No Beads	Sq. Ft.	1.50	25,000.0	37,500
7	Surface Painted Holding Position Signs – Red and White	Sq. Ft.	5.00	1,200.0	6,000
8	Remove Existing Sign Legend and Replace with New Four Character Legend	Each	1,000.00	2.0	2,000
9	Remove Existing Sign Legend and Replace with New Five Character Legend	Each	2,000.00	3.0	6,000
	Total Project No. 3				\$ 249,500
	Total Project No. 3 - Use				\$ 250,000

TABLE NO. 4

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 4 - Joint Seal Apron and Taxilane
(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 10,000
2	Mobilization	L.S.	L.S.	L.S.	10,000
3	PCC Joint Reseal	Ln. Ft.	1.50	6,000.0	9,000
4	AC Joint Reseal	Ln. Ft.	1.50	22,000.0	33,000
5	Airfield Marking	Sq. Ft.	2.00	3,500.0	7,000
	Total Project No. 4				\$ 69,000

TABLE NO. 5

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

**Project No. 5 - Reconstruct Aircraft Parking Apron Phase 1 - 20,000 Sq. Yd.
(Based on 2014 Unit Prices)**

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark and Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 10,000
2	Mobilization	L.S.	L.S.	L.S.	15,000
3	Pulverize Existing AC and Base, Mix and Place as Subbase	Sq. Yd.	\$ 4.00	19,300.0	77,200
4	Excavate Pulverized Ac and Base, Stockpile and Place as Subbase	Cu. Yd.	16.00	4,300.0	68,800
5	Unclassified Excavation	Cu. Yd.	15.00	6,100.0	91,500
6	Saw Cut Existing Pavement	Ln. Ft.	2.00	900.0	1,800
7	Scarify and Recompact Subgrade	Sq. Yd.	2.00	19,500.0	39,000
8	Imported Aggregate Subbase (10")	Ton	40.00	2,500.0	100,000
9	New Aggregate Base (6")	Ton	60.00	6,600.0	396,000
10	Bituminous Prime Coat	Ton	1,400.00	16.0	22,400
11	Bituminous Tack Coat	Ton	1,400.00	8.0	11,200
12	New Asphaltic Concrete (3")	Ton	120.00	3,500.0	420,000
13	Airfield Marking	Sq. Ft.	2.00	1,200.0	2,400
14	Remove Existing Tiedown	Each	50.00	105.0	5,250
15	Tiedown	Each	150.00	105.0	15,750
16	Drop Inlet	Each	5,000.00	3.0	15,000
17	18" RCP Drainage Pipe	Ln. Ft.	80.00	900.0	72,000
18	18" Flared End Section	Each	3,000.00	1.0	3,000
	Total Construction Cost				\$ 1,366,300
	Total Project No. 5 - Use				\$ 1,367,000

TABLE NO. 6

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 6 - Obstruction Light Row - North Side
(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	\$ 10,000
2	Solar Powered Obstruction Light and Pole	Each	\$ 40,000.00	5.0	200,000
<i>Total Project No. 6</i>					\$ 210,000

TABLE NO. 7

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 7 - Relocate Wind Socks and Segmented Circle
(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	\$ 8,000
2	Relocate Existing Segmented Circle & Windcone	Each	\$ 40,000.00	1.0	40,000
3	Relocate Existing Wind Sock	Each	9,000.00	2.0	18,000
4	New 1W-2" Type II Duct	Ln. Ft.	14.00	1,000.0	14,000
5	New 1/C #6 THWN	Ln. Ft.	2.00	2,000.0	4,000
6	New 1/C #8 Ground	Ln. Ft.	2.00	1,000.0	2,000
	New Ground Rod	Each	150.00	3.0	450
7	New 1/C #8 Cable	Ln. Ft.	2.00	600.0	1,200
	Total Project No. 7				\$ 87,650
	Total Project No. 7 - Use				\$ 88,000

TABLE NO. 8

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 8 - Install Obstruction Lights on Street Light Pole and Power Pole
at Benton Crossing Road
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mobilization	L.S.	L.S.	L.S.	10,000
2	New Solar Powered Obstruction Light	Each	\$ 10,000.00	2.0	20,000
	<i>Total Project No. 8</i>				\$ 30,000

TABLE NO. 9

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 9 - Second ARFF Vehicle
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Second ARFF Vehicle	L.S.	L.S.	L.S.	\$ 800,000
	<i>Total Project No. 9</i>				\$ 800,000

TABLE NO. 10

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 10 - Architectural Design for
Airline Terminal - Project No. 14***

Estimated Construction Cost (2014 unit prices) - \$15,532,000

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Categorical Exclusion	L.S.	L.S.	L.S.	\$ 30,000
2	Topographic Surveys	L.S.	L.S.	L.S.	20,000
3	Geotechnical Studies	L.S.	L.S.	L.S.	30,000
4	Engineering and Architectural Design including Preparation of Plans and Specifications, Engineer's Report, Engineer's Estimate*	L.S.	L.S.	L.S.	1,500,000
5	Administrative Costs	L.S.	L.S.	L.S.	50,000
	Total Project No. 10				\$ 1,630,000

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

TABLE NO. 11

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 11 - Engineering Design for
Project No. 13 - Grade Runway Object Free Area from Runway Safety Area Edge
to Highway 395 ROW Fence Line***

Estimated Construction Cost (2014 unit prices) - \$2,982,000

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.	20,000
3	Geotechnical Studies, Pavement Design	L.S.	L.S.	L.S.	10,000
4	Engineering and Architectural Design including Preparation of Plans and Specifications, Engineer's Report, Engineer's Estimate*	L.S.	L.S.	L.S.	200,000
5	Administrative Costs	L.S.	L.S.	L.S.	10,000
	Total Project No. 11				\$ 250,000

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

TABLE NO. 12

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 12 - Engineering Design for

Project No. 15 - Airline Terminal Apron, Deicing Pad, and Terminal Apron Taxiways

Project No. 16 - Access Road

Project No. 17 - Automobile Parking Lot

Project No. 18 - Terminal Area Utilities

Project No. 20 - Construct Wildlife/Security Fence and Cameras

Estimated Construction Cost (2014 unit prices) - \$9,821,000

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.	20,000
3	Geotechnical Studies, Pavement Design	L.S.	L.S.	L.S.	25,000
4	Engineering and Architectural Design including Preparation of Plans and Specifications, Engineer's Report, Engineer's Estimate*	L.S.	L.S.	L.S.	700,000
5	Administrative Costs	L.S.	L.S.	L.S.	10,000
	Total Project No. 12				\$ 765,000

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

TABLE NO. 13

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 13 - Grade Runway Object Free Area
from Runway Safety Area Edge to Highway 395 ROW Fence Line
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 10,000
2	Mobilization	L.S.	L.S.	L.S.	20,000
3	Clear & Grubb	Acre	\$ 2,000.00	48.0	96,000
4	Unclassified Excavation	Cu. Yd.	12.00	238,000.0	2,856,000
	<i>Total Project No. 13</i>				\$ 2,982,000

TABLE NO. 14

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

**Project No. 14 - Construct Airline Terminal (40,010 sq. ft.)
(Based on 2014 Unit Prices)**

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Airline Terminal Building	Sq. Ft.	\$ 320.00	40,010.0	\$ 12,803,200
2	Airline Offices	Sq. Ft.	70.00	332.0	23,240
3	TSA Offices	Sq. Ft.	70.00	950.0	66,500
4	Lease / Display	Sq. Ft.	85.00	515.0	43,775
5	Ground Transportation / Rent Cars	Sq. Ft.	85.00	1,546.0	131,410
6	Airport Administration / Conference	Sq. Ft.	85.00	1,370.0	116,450
7	Restaurant / Lounge	Sq. Ft.	90.00	1,822.0	163,980
8	Generator	L.S.	L.S.	L.S.	210,585
9	Baggage System - Inbound & Outbound	L.S.	L.S.	L.S.	711,525
10	Curbside Check-In	L.S.	L.S.	L.S.	260,020
11	Ski Oversized Bag Claim	L.S.	L.S.	L.S.	201,010
12	Covered Bag Claim Area	L.S.	L.S.	L.S.	213,145
13	Covered Outbound Bag Make-Up	L.S.	L.S.	L.S.	587,088
	Total Project No. 14				\$ 15,531,928
	Total Project No. 14 - Use				\$ 15,532,000

TABLE NO. 15

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA
AIRPORT CAPITAL IMPROVEMENT PROGRAM
ENGINEER'S ESTIMATE**

Project No. 15 - Airline Terminal Apron, Deicing Pad, and Terminal Apron Taxiways
Airline Terminal Apron - 142,000 Sq. Ft.
Deicing Pad - 65,000 Sq. Ft.
Terminal Apron Taxiways - 35,600 Sq. Ft.
(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 20,000
2	Mobilization	L.S.	L.S.	L.S.	50,000
3	Clearing and Grubbing	Acre	\$ 3,000.00	5.72	17,160
4	Excavation	Cu. Yd.	15.00	11,000.0	165,000
5	Imported Embankment	Cu. Yd.	25.00	6,200.0	155,000
6	Recompact 12" Native Subgrade	Sq. Yd.	2.00	28,000.0	56,000
7	Aggregate Subbase (10")	Ton	40.00	2,200.0	88,000
8	Crushed Aggregate Base (6" or 8")	Ton	60.00	12,000.0	720,000
9	3" Bituminous Surface Course	Ton	120.00	700.0	84,000
10	1 1/2" Bituminous Surface Course	Ton	120.00	2,000.0	240,000
11	16" Portland Cement Concrete	Sq. Yd.	135.00	23,100.0	3,118,500
12	Bituminous Prime Coat	Ton	1,400.00	16.0	22,400
13	Bituminous Tack Coat	Ton	1,400.00	1.0	1,400
14	Marking	Sq. Ft.	3.00	2,200.0	6,600
15	Drainage Allowance	L.S.	L.S.	L.S.	100,000
16	Floodlighting Allowance	Each	35,000.00	3.0	105,000
17	Utilities Relocation	L.S.	L.S.	L.S.	130,000
18	Fencing	Ln. Ft.	25.00	1,350.0	33,750
	Total Project No. 15				\$ 5,112,810
	Total Project No. 15 - Use				\$ 5,113,000

TABLE NO. 16

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 16 - Access Road (26' x 1,000' and 22' x 1,500')
(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 7,000
2	Mobilization	L.S.	L.S.	L.S.	10,000
3	Clearing and Grubbing	Acre	\$ 2,000.00	2.7	5,400
4	Excavation	Cu. Yd.	15.00	1,600.0	24,000
5	Imported Embankment	Cu. Yd.	25.00	5,000.0	125,000
6	Recompact 12" of Native Subgrade	Sq. Yd.	2.00	8,500.0	17,000
7	Aggregate Subbase (10")	Ton	40.00	4,500.0	180,000
8	Crushed Aggregate Base (6")	Ton	60.00	3,000.0	180,000
9	3" Bituminous Surface Course	Ton	120.00	1,300.0	156,000
10	Bituminous Prime Coat	Ton	1,400.00	5.0	7,000
11	Bituminous Tack Coat	Ton	1,400.00	2.0	2,800
12	Marking	Sq. Ft.	2.00	5,000.0	10,000
13	Drainage Allowance	L.S.	L.S.	L.S.	100,000
14	Concrete Curb	Ln. Ft.	20.00	4,000.0	80,000
15	Landscape Allowance	L.S.	L.S.	L.S.	80,000
16	Floodlighting Allowance	L.S.	L.S.	L.S.	80,000
	Total Project No. 16 - Use				\$ 1,064,200
	Total Project No. 16 - Use				\$ 1,064,000

TABLE NO. 17

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

*Project No. 17 - Automobile Parking Lot - 70,000 Sq. Ft. & Sidewalks - 24,000 Sq. Ft.
(Based on 2014 Unit Prices)*

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 2,000
2	Mobilization	L.S.	L.S.	L.S.	5,000
3	Clearing and Grubbing	Acre	\$ 2,000.00	3.0	6,000
4	Excavation	Cu. Yd.	14.00	2,000.0	28,000
5	Imported Embankment	Cu. Yd.	25.00	10,700.0	267,500
6	Recompact 12" of Native Subgrade	Sq. Yd.	2.00	10,500.0	21,000
7	Aggregate Subbase (10")	Ton	40.00	5,000.0	200,000
8	Crushed Aggregate Base (6")	Ton	60.00	5,500.0	330,000
9	3" Bituminous Surface Course	Ton	120.00	1,650.0	198,000
10	Bituminous Prime Coat	Ton	1,400.00	6.0	8,400
11	Bituminous Tack Coat	Ton	1,400.00	2.0	2,800
12	Marking	Sq. Ft.	2.00	1,900.0	3,800
13	Drainage Allowance	L.S.	L.S.	L.S.	50,000
14	4" Portland Cement Concrete Sidewalk	Sq. Yd.	25.00	2,700.0	67,500
15	Concrete Curb	Ln. Ft.	20.00	1,300.0	26,000
16	Landscape Allowance	L.S.	L.S.	L.S.	40,000
17	Floodlighting Allowance	L.S.	L.S.	L.S.	120,000
Total Project No. 17					\$ 1,376,000

TABLE NO. 18

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA
AIRPORT CAPITAL IMPROVEMENT PROGRAM
ENGINEER'S ESTIMATE
Project No. 18 - Terminal Area Utilities
(Based on 2014 Unit Prices)**

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	10" Water Line	Ln. Ft.	\$ 60.00	2,285.0	\$ 137,100
2	10" Gate Valve	Each	2,000.00	5.0	10,000
3	Fire Hydrant Assembly	Each	5,000.00	5.0	25,000
4	Backflow Preventer	Each	3,000.00	1.0	3,000
5	8" Sewer Main	Ln. Ft.	60.00	3,596.0	215,760
6	36" Sewer Manhole	Each	5,000.00	10.0	50,000
7	Package Sewer Station	Each	290,000.00	1.0	290,000
8	2W-4" Electrical Duct	Ln. Ft.	50.00	2,374.0	118,700
9	Electrical Pull Box	Each	5,000.00	12.0	60,000
10	Apron, Parking, and Road Floodlights (45')	Each	15,000.00	18.0	270,000
11	Electrical Service Allowance	L.S.	L.S.	L.S.	150,000
12	Telephone Service Allowance	L.S.	L.S.	L.S.	200,000
	Total Project No. 18				\$ 1,529,560
	Total Project No. 18 - Use				\$ 1,530,000

TABLE NO. 19

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 19 - Environmental Assessment for
New G.A. Apron and Widen Taxiways
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Environmental Assessment	L.S.	L.S.	L.S.	\$ 110,000
2	Administrative Costs	L.S.	L.S.	L.S.	10,000
	<i>Total Project No. 19</i>				\$ 120,000

TABLE NO. 20

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 20 - Construct Wildlife/Security Fence and Cameras
(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	CCTV - Network Digital Video Surveillance - 10 Cameras, 1 Monitoring Station	L.S.	L.S.	L.S.	\$ 100,000
2	Key Card Controller - 4 Gates, 6 Doors in Terminal	L.S.	L.S.	L.S.	100,000
3	Vehicle Identification System	L.S.	L.S.	L.S.	40,000
4	8-foot Chain Link Fence	Ln. Ft.	15.00	24,000.0	360,000
5	24-foot Automatic Gates	Each	30,000.00	3.0	90,000
6	24-foot Swing Gates	Each	12,000.00	4.0	48,000
	Total Project No. 20				\$ 738,000

TABLE NO. 21

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 21 - Engineering Design for

Project No. 23 - Construct New General Aviation Apron

Project No. 24 - Reconstruct General Aviation Aircraft Parking Apron Phase 2

Project No. 26 - Widen Taxiways from 50' to 75'

Project No. 30 - Widen Runway Shoulders to 25'

Project No. 31 - Widen Aircraft Holding Aprons

Estimated Construction Cost (2014 unit prices) - \$7,711,000

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Categorical Exclusion	L.S.	L.S.	L.S.	\$ 20,000
2	Topographic Surveys	L.S.	L.S.	L.S.	15,000
3	Geotechnical Studies, Pavement Design	L.S.	L.S.	L.S.	20,000
4	Engineering and Architectural Design including Preparation of Plans and Specifications, Engineer's Report, Engineer's Estimate*	L.S.	L.S.	L.S.	530,000
5	Administrative Costs	L.S.	L.S.	L.S.	20,000
	Total Project No. 21				\$ 605,000

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

TABLE NO. 22

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 22 - Environmental Assessment - LADWP and U.S. Forest Service
Land Acquisition and/or Use Permits
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Environmental Assessment	L.S.	L.S.	L.S.	\$ 45,000
2	Administrative Costs	L.S.	L.S.	L.S.	5,000
	Total Project No. 22				\$ 50,000

TABLE NO. 23

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 23 - Construct New General Aviation Apron (179,000 sq. ft.)
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 10,000
2	Mobilization	L.S.	L.S.	L.S.	10,000
3	SWPPP	L.S.	L.S.	L.S.	5,000
4	Clearing and Grubbing	Acre	\$ 2,000.00	5.0	10,000
5	Scarify and Recompact 6" of Subgrade	Sq. Yd.	2.00	19,800.0	39,600
6	Imported Aggregate Subbase	Ton	40.00	11,200.0	448,000
7	Aggregate Base Course	Ton	60.00	6,700.0	402,000
8	Bituminous Surface Course	Ton	120.00	3,500.0	420,000
9	Saw Cut Existing Bituminous Surface Course	Ln. Ft.	1.00	600.0	600
10	Bituminous Prime Coat	Ton	1,400.00	16.0	22,400
11	Bituminous Tack Coat	Ton	1,400.00	7.0	9,800
12	Airfield Marking	Sq. Ft.	2.00	1,900.0	3,800
13	New Tie Downs	Each	150.00	132.0	19,800
	Total Project No. 23				\$ 1,401,000
	Total Project No. 23 - Use				\$ 1,405,000

TABLE NO. 24

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 24 - Reconstruct Aircraft Parking Apron Phase 2 - 25,500 Sq. Yd.
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark and Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 10,000
2	Mobilization	L.S.	L.S.	L.S.	15,000
3	Pulverize Existing AC and Base, Mix and Place as Subbase	Sq. Yd.	\$ 4.00	25,500.0	102,000
4	Excavate Pulverized Ac and Base, Stockpile and Place as Subbase	Cu. Yd.	16.00	5,700.0	91,200
5	Unclassified Excavation	Cu. Yd.	14.00	8,000.0	112,000
6	Saw Cut Existing Pavement	Ln. Ft.	2.00	1,300.0	2,600
7	Scarify and Recompact Subgrade	Sq. Yd.	2.00	25,800.0	51,600
8	Imported Aggregate Subbase (10")	Ton	40.00	3,200.0	128,000
9	New Aggregate Base (6")	Ton	60.00	8,800.0	528,000
10	Bituminous Prime Coat	Ton	1,400.00	21.0	29,400
11	Bituminous Tack Coat	Ton	1,400.00	11.0	15,400
12	New Asphaltic Concrete (3")	Ton	120.00	4,500.0	540,000
13	Airfield Marking	Sq. Ft.	2.00	1,700.0	3,400
14	Remove Existing Tiedown	Each	50.00	96.0	4,800
15	Tiedown	Each	150.00	96.0	14,400
16	New Home Run Duct	Ln. Ft.	60.00	400.0	24,000
17	Electrical Pullbox	Each	4,000.00	4.0	16,000
18	Electrical Cable	Ln. Ft.	2.00	4,000.0	8,000
19	Drop Inlet	Each	5,000.00	3.0	15,000
20	18" RCP Drainage Pipe	Ln. Ft.	80.00	900.0	72,000
21	18" Flared End Section	Each	3,000.00	1.0	3,000
	Total Project No. 24				\$ 1,785,800
	Total Project No. 24 - Use				\$ 1,786,000

TABLE NO. 25

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 25 - LADWP and U.S. Forest Service Land Acquisition
and/or Use Permits***

(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Land Acquisition and/or Use Permits	Acre	\$ 2,000	50.0	\$ 100,000
2	Appraisals, Administrative, etc.	L.S.	L.S.	L.S.	20,000
	<i>Total Project No. 25</i>				\$ 120,000

TABLE NO. 26

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

**Project No. 26 - Widen Taxiways from 50' to 75' to Meet Taxiway Edge Safety Margin
for Q400 and 25' Wide Shoulders
(Based on 2014 Unit Prices)**

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 10,000
2	Mobilization	L.S.	L.S.	L.S.	20,000
3	Clearing & Grubbing	Acre	\$ 2,000.00	15.0	30,000
4	Unclassified Excavation	Cu. Yd.	15.00	10,500.0	157,500
5	Pulverize Existing AC	Sq. Yd.	4.00	750.0	3,000
6	Excavate Pulverized AC & AB, Place as ASB	Cu. Yd.	16.00	150.0	2,400
7	Scarify and Recompact Subgrade	Sq. Yd.	2.00	60,000.0	120,000
8	Aggregate Base Shoulders (6" or 4")	Ton	60.00	16,000.0	960,000
9	Imported Aggregate Subbase (12")	Ton	40.00	12,000.0	480,000
10	Asphaltic Concrete (3" or 2")	Ton	110.00	8,000.0	880,000
11	Bituminous Prime Coat	Ton	1,400.00	52.0	72,800
12	Bituminous Tack Coat	Ton	1,400.00	8.0	11,200
13	Remove Existing Marking	Sq. Ft.	4.00	15,600.0	62,400
14	New Marking	Sq. Ft.	2.00	17,500.0	35,000
15	Relocate Existing T/W Edge Reflector	Each	200.00	180.0	36,000
16	Raise Existing Sign	Each	2,000.00	7.0	14,000
17	Raise Existing Pull Box	Each	1,300.00	8.0	10,400
	Total Project No. 26				\$ 2,904,700
	Total Project No. 26 - Use				\$ 2,905,000

TABLE NO. 27

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 27 - Pavement Maintenance/Management Program (PMMP) Update
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Pavement Maintenance/Management Program Update	L.S.	L.S.	L.S.	\$ 45,000
2	Administrative Costs	L.S.	L.S.	L.S.	5,000
	<i>Total Project No. 27</i>				\$ 50,000

TABLE NO. 28

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 28 - Airport Layout Plan Narrative including Updated ALP Drawings
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Airport Layout Plan Narrative Including Updated ALP Drawings	L.S.	L.S.	L.S.	\$ 160,000
2	Administrative Costs	L.S.	L.S.	L.S.	20,000
	<i>Total Project No. 28</i>				\$ 180,000

TABLE NO. 29

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 29 - Environmental Assessment for Widen Runway Shoulders,
Widen Aircraft Holding Aprons, ARFF & Administration Buildings, and
Maintenance Building Apron and Access Road
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Environmental Assessment	L.S.	L.S.	L.S.	\$ 95,000
2	Administrative Costs	L.S.	L.S.	L.S.	5,000
	Total Project No. 29				\$ 100,000

TABLE NO. 30

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

***Project No. 30 - Widen Runway Shoulders to 20'
(Based on 2014 Unit Prices)***

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 10,000
2	Mobilization	L.S.	L.S.	L.S.	10,000
3	Clearing & Grubbing	Acre	\$ 3,000.00	10.0	30,000
4	Unclassified Excavation	Cu. Yd.	14.00	2,500.0	35,000
5	Scarify & Recompact Subgrade	Sq. Yd.	2.00	40,600.0	81,200
6	Aggregate Base Course (4")	Ton	60.00	9,200.0	552,000
7	Bituminous Surface Course (2")	Ton	120.00	4,400.0	528,000
8	Bituminous Prime Coat	Ton	1,400.00	14.0	19,600
9	Raise Existing Pull Box	Each	1,300.00	2.0	2,600
10	Raise Existing Sign Pad	Each	2,000.00	14.0	28,000
	Total Project No. 30				\$ 1,296,400
	Total Project No. 30 - Use				\$ 1,300,000

TABLE NO. 31

**MAMMOTH YOSEMITE AIRPORT
MAMMOTH LAKES, MONO COUNTY, CALIFORNIA**

AIRPORT CAPITAL IMPROVEMENT PROGRAM

ENGINEER'S ESTIMATE

Project No. 31 - Widen Aircraft Holding Aprons
(Based on 2014 Unit Prices)

Item No.	Description	Unit	Unit Price	Quantity	Cost
1	Mark & Light Closed Airport Facilities	L.S.	L.S.	L.S.	\$ 10,000
2	Mobilization	L.S.	L.S.	L.S.	20,000
3	Clearing & Grubbing	L.S.	L.S.	L.S.	2,000
4	Unclassified Excavation	Cu. Yd.	15.00	1,300.0	19,500
5	Scarify and Recompact Subgrade	Sq. Yd.	2.00	2,400.0	4,800
6	Aggregate Base (6")	Ton	80.00	850.0	68,000
7	Imported Aggregate Subbase (10")	Ton	60.00	1,400.0	84,000
8	Asphaltic Concrete (3")	Ton	200.00	450.0	90,000
9	Bituminous Prime Coat	Ton	1,400.00	2.0	2,800
10	Bituminous Tack Coat	Ton	1,400.00	1.0	1,400
11	Remove Existing Marking	Sq. Ft.	4.00	900.0	3,600
12	New Marking	Sq. Ft.	2.00	800.0	1,600
13	Relocate Existing T/W Edge Reflector	Each	200.00	16.0	3,200
14	Relocate Existing Sign	Each	3,000.00	1.0	3,000
	Total Project No. 31				\$ 313,900
	Total Project No. 31 - Use				\$ 315,000