

# CA - PMM

**Project Name:** Mitigation Environmentally Sensitive Area Mapping Database (MESAM)

**OCIO Project #:** [Redacted]

**Department:** Transportation

**Revision Date:** 9/28/10

## Concept Statement

---

---

### Description

**Brief description of the proposed project:**

Feasibility study will examine the merits of adding a component to STEVE to collect environmental mitigation data, adding to the existing database with consultants, and investigate existing GIS software applications to build a comprehensive electronic inventory of environmental mitigation sites.

---

---

### Need Statement

**High Level Functional Requirements:**

A single database repository of environmental mitigation information.

**What is Driving This Need?**

The need for one database for all environmental mitigation information

**Risk to the Organization if This Work is Not Done:**

Incomplete information in the field may lead to environmental damage.

# CA - PMM

**Project Name:** Mitigation Environmentally Sensitive Area Mapping Database (MESAM)

**OCIO Project #:** [Redacted]

**Department:** Transportation

**Revision Date:** 9/28/10

# Concept Statement

---

---

## Benefit Statement

---

---

### Intangible Benefits

**Process Improvements** (describe the nature of the process improvement):  
1. Mapping sites as well as storing environmental data would improve the current method.

**Other Intangible Benefits:**  
To Be Determined in the Feasibility Study.

### Tangible Benefits

**Revenue Generation** (describe how revenue will be generated):  
To Be Determined in the Feasibility Study.

**Cost Savings** (describe how cost will be reduced):  
To Be Determined in the Feasibility Study.

# CA - PMM

**Project Name:** Mitigation Environmentally Sensitive Area Mapping Database (MESAM)

**OCIO Project #:** [Redacted]

**Department:** Transportation

**Revision Date:** 9/28/10

## Concept Statement

**Cost Avoidance** (describe the cost and how avoided):  
To Be Determined in the Feasibility Study.

**Risk Avoidance** (describe the risk and how avoided):  
To Be Determined in the Feasibility Study.

**Improved Services:**  
1. Ability to easily identify ESA areas.

### Consistency

"No" Responses 		Rationale	Action Required
Enterprise Architecture	Yes		
Business Plan	Yes		
Strategic Plan	Yes	Stewardship - Objective 4.4 - Each year, ensure environmental commitments are documented and implemented on 100% of projects.	

### Impact to Other Entities

#### Nature of Impact to Other Entities

**Entity:** To Be Determined in the Feasibility Study.

# CA - PMM

**Project Name:** Mitigation Environmentally Sensitive Area Mapping Database (MESAM)

**OCIO Project #:** [Redacted]

**Department:** Transportation

**Revision Date:** 9/28/10

## Concept Statement

*Describe the nature of the impact:*

---

---

---

**Entity:**

*Describe the nature of the impact:*

---

---

---

**Entity:**

*Describe the nature of the impact:*

---

---

---

**Entity:**

*Describe the nature of the impact:*

---

---

---

# CA - PMM

**Project Name:** Mitigation Environmentally Sensitive Area Mapping Database (MESAM)

**OCIO Project #:** \_\_\_\_\_

**Department:** Transportation

**Revision Date:** 9/28/10

## Concept Statement

### Solution Alternatives

<b>Alternative 1:</b>
To Be Determined in the Feasibility Study.

<b>Technical Considerations for Alternative 1:</b>
ROM Cost: _____ to _____ <span style="float: right;">Note: high end of range must not exceed 200% of low end of range</span>

<b>Alternative 2:</b>

<b>Technical Considerations for Alternative 2:</b>
ROM Cost: _____ to _____ <span style="float: right;">Note: high end of range must not exceed 200% of low end of range</span>

<b>Alternative 3:</b>

# CA - PMM

**Project Name:** Mitigation Environmentally Sensitive Area Mapping Database (MESAM)

**OCIO Project #:** \_\_\_\_\_

**Department:** Transportation

**Revision Date:** 9/28/10

## Concept Statement

--

Technical Considerations for Alternative 3:	
ROM Cost: _____ to _____	Note: high end of range must not exceed 200% of low end of range

### Recommendation

**Comparison:**

Alternative 1	ROM Cost	Risk
	\$0 - \$0	
Alternative 2	ROM Cost	Risk
	\$0 - \$0	
Alternative 3	ROM Cost	Risk
	\$0 - \$0	

**Conclusions:**

1	
2	
3	
4	

# CA - PMM

**Project Name:** Mitigation Environmentally Sensitive Area Mapping Database (MESAM)

**OCIO Project #:** \_\_\_\_\_

**Department:** Transportation

**Revision Date:** 9/28/10

## Concept Statement

**Recommendation:**

### Project Approach *(if known)*

<b>System Complexity:</b>		System Business Hours: <i>(e.g., 24x7, 9am-5pm)</i> :	To Be Determined in the Feasibility Study.
Architecture	<input type="checkbox"/> Mainframe <input type="checkbox"/> Client Server <input type="checkbox"/> Web Based		Num. of New Databases: _____
Technology	<input type="checkbox"/> New <input type="checkbox"/> New to Staff <input type="checkbox"/> In-House Experience		Interfaces: _____
Implementation	<input type="checkbox"/> Central Site <input type="checkbox"/> Phased Roll-out _____		Num. of Sites: _____
M & O Support	<input type="checkbox"/> Contractor <input type="checkbox"/> Data Center <input type="checkbox"/> Project <input type="checkbox"/> In House		
Procurement Approach:			Number of Procurements: _____
Open Procurement?		Delegated Procurement?	
Scope of Contract	<input type="checkbox"/> Development <input type="checkbox"/> Implementation <input type="checkbox"/> M & O <input type="checkbox"/> Other: _____		
Anticipated Length of Contract:		Years / _____	extensions for _____ years