

CTIP STUDY PROBLEM STATEMENT
Request for Funding
FY 2001

FHWA Strategic Goal Area: Productivity

Project Title: Update of Aesthetic Treatments Photo Album

Background: An Aesthetic Treatments Photo Album was produced during FY 2000, providing an extensive reference guide of innovative aesthetic treatments that have been applied on transportation projects nationwide for bridges, walls, barriers, soil and rock cut and fill slopes with a focus on roadway case studies. The original guide focused on other than roadway treatments, but there were several indications that potential roadway treatments exist which were not included in the original. Supplements to the original guide will be included, but no additional solicitation for these original treatments will be requested.

Objectives: This update will make the guide more complete and useful to a broader range of professionals. The supplements will also make the original guide more current and complete.

Status: Currently, there is no source for information about best practices in providing aesthetic treatments, except for the recent publication by WFLHD. The current FHWA emphasis on Context Sensitive Design integrates such best practices into a process to better make designs fit the human and natural environment. This update will be a valuable supplement of roadway and surface treatments with aesthetic value.

Expected Products and Milestones by Fiscal Year: Follow the original scope of establishing a steering committee, soliciting innovative treatments, collecting complete documentation, and publishing the results with photos, specifications, drawings, and cost estimates. Local contacts will also be provided

Duration: 15 months from contract award to publishing

Estimated Cost by Fiscal Year: FY 2001 - \$25,000

Suggested Organization Method: Steering committee of professionals from WFLHD, Western Resource Center, a Federal-aid Division and a State. Contract for the solicitation, collection, assembly, and publishing of the information.

Submitted:

Agency/Division: Western Federal Lands Division

Name: Cal Frobig

Phone: 360-696-7648

Date: 11 January 2001

Champion:

Name: Rich Barrows
Phone: 360-696-7704

Funding Source: (Check one.)
9 Agency Fund
9 General Fund

File:
#

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REIMBURSABLE AGREEMENT

AGREEMENT
No.

PARTIES TO THE AGREEMENT

a. REIMBURSING ORGANIZATION Federal Highway Administration Western Federal Lands Highway Division 610 East Fifth Street Vancouver, WA 98661-3801		b. ORGANIZATION TO BE REIMBURSED Oregon Center for Advanced Technology Education	
APPROPRIATION CHARGEABLE X411-050-140-411050-175300		APPROPRIATION REIMBURSED	
EFFECTIVE DATE August 1, 2001	COST (Estimated)		
	a. FY: 2001	b. Amount: \$100,000	

SUMMARY

I. Review 2001 CD

- A. Feedback - Get external user feedback on original album from 5 sources
 - 1. Usefulness
 - 2. Improvements
 - 3. Additions
 - 4. Deletions
- B. Drop Some Existing Entries - Get internal consensus on projects to drop
 - 1. Bad photograph
 - 2. Out of date
 - 3. Insufficient cost/construction details
 - 4. Duplicate project types
- II. Add maximum of 100 new projects to the CD
- A. Solicit new projects
 - 1. Use existing form modified by feedback
 - 2. Select new projects to be included
- B. Enter data and photos into software
- C. Edit/correct data with submitters and review committee
- D. Convert to PDF format for reader
- III. Revise/Enhance Ancillary parts of CD
 - A. Intro - Modify to represent update
 - B. Definitions - Enhance
 - C. Navigation - Enhance

Estimated Cost: \$150,000

Billing Period(s) _____ (Monthly) X (Quarterly)
_____ (Other) Specify:

Documentation required by the Reimbursing Agency as a condition of payment is as follows:

Tax ID No. for Agency to be reimbursed:

The OCATE shall submit support data to WFLHD by delivery to Rich Barrows, Construction Quality Assurance Engineer, Western Federal Lands Highway Division, 610 East Fifth Street, Vancouver, WA 98661-3801, including a certified statement of costs incurred, indicated as "Partial" or "Final" Billing, itemized as: (1) Salaries and Wages, (2) Transportation Cost, (3) Equipment Charges, (4) Materials, and (5) Other Items including overhead.

The WFLHD shall make payment to the OCATE through an On-line Payment and Collections System (OPAC) billing. The OPAC billing document, which the OCATE shall prepare, shall contain the following information:

Agency Code: 69-05-0001
WFLHD Tax ID: 53-0204534
Budget Object Code

The ODATE shall send WFLHD an information copy of the request to bill.

Outline of Tasks and Terms
Update of the Aesthetic Treatments 2001 Photo Album Workbook

- I. Review 2001 CD**
 - A. Feedback - Get external user feedback on original album from 5 sources**
 - 1. Usefulness**
 - 2. Improvements**
 - 3. Additions**
 - 4. Deletions**
 - B. Drop Some Existing Entries - Get COTR consensus on entries to drop**
 - 1. Bad photograph**
 - 2. Out of date**
 - 3. Insufficient cost/construction details**
 - 4. Duplicate project types**
- II. Add maximum of 100 new entries to the CD**
 - A. Solicit new entries**
 - 1. Use existing form modified by feedback**
 - 2. Select new entries to be included**
 - B. Enter data and photos into software**
 - C. Edit/correct data with submitters and review committee**
 - D. Convert to PDF format for reader**
- III. Revise/Enhance Ancillary parts of CD**
 - A. Intro - Modify to represent update**
 - B. Definitions - Enhance**
 - C. Navigation - Enhance**
 - D. Acrobat Reader - add one page tutorial on basic operations for users**
- IV. Update Web-based files**
 - A. Partition PDF file into 5 or 6 sections for shorter download times**
 - B. Provide text in html format**
 - C. Provide photos in graphic format**

Each phase, I through IV, shall be coordinated with the COTR, Mr. Rich Barrows, for progress, quality and quantity. The COTR will provide guidance on the disposition of suggested modifications, and enhancements. The anticipated start date is September 15, 2001. Draft modifications may be coordinated with the COTR as necessary throughout each phase to provide review by a steering group. Six copies of the final draft shall be submitted to the COTR for review and approval by July 15, 2002. Five Hundred copies of the final completed update shall be delivered to the COTR by September 15, 2002.