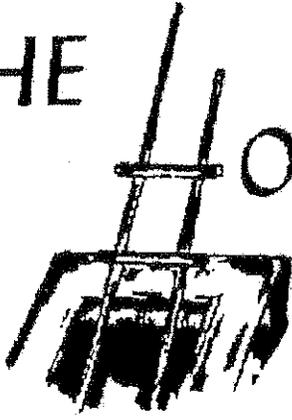


THE



H O P I  
T R I B E

RECEIVED	
H O P I	JUL 17 2003
OFFICE OF SUPERINTENDENT	

*Wayne Taylor, Jr.*  
1. Supt.  
2. Roads

**Wayne Taylor, Jr.**  
CHAIRMAN

VICE-CHAIRMAN

MEMORANDUM

**TO:** Claire Heywood, Community Planner  
Office of Community Planning and Economic Development

*Barbara Lomayestewa*  
**FROM:** Barbara Lomayestewa, Senior Transcriber  
Office of the Tribal Secretary/Hopi Tribal Council

**DATE:** July 15, 2003

**SUBJECT:** LOW MOUNTAIN ROAD (BIA 60) A.I. #083-2003



The Hopi Tribal Council on July 7, 2003, by motion and unanimous vote approved Resolution H-066-2003.

By passage of this resolution, the Hopi Tribal Council accepts a grant award in the amount of \$20,000.00 from Navajo County to fund archaeological clearances for the Low Mountain Road.

Should you have any questions you may contact my office at extension 134.

- c: Office of the Chairman
- Office of the Treasurer
- Office of the General Counsel
- Department of Administrative and Technical Services
- Department of Natural Resources
- Office of Real Estate
- Keams Canyon Agency
- chrono

HOPI TRIBAL COUNCIL  
RESOLUTION  
H-066-2003

WHEREAS, the Constitution and By-Laws of the Hopi Tribe, ARTICLE VI-POWERS OF THE TRIBAL COUNCIL, SECTION 1(a) authorizes the Hopi Tribal Council, "To represent and speak for the Hopi Tribe in all matters for the welfare of the Tribe, . . .", and (e) "To raise and take care of a Tribal Council fund by accepting grants and gifts from any person, State or the United States Government, . . .", and (f) "To use such Tribal Council fund for the welfare of the Tribe, . . ."; and

WHEREAS, the Hopit Potskwaniat, Hopi Tribal Consolidated Strategic Plan of 2001 (H-119-2001), through a public planning process, identified a Tribal goal to "design and develop a safe and efficient road system for the Hopi Reservation, " [VI(A)]; and

WHEREAS, the Hopit Tunatya'at 2000 (Hopi Strategic Land Use and Development Plan) recognizes that impassable roads impact public safety and hamper economic development; and

WHEREAS, the Hopi Tribe's Transportation Priority List, adopted by the Tribal Council in May 2003 through Resolution H-057-2003, lists construction of the Low Mountain Road as a second priority; and

WHEREAS, Navajo County has made available to the Hopi Tribe a grant for the sum of Twenty Thousand Dollars (\$20,000.00) to fund archaeological clearances for the Low Mountain Road as outlined in the attached Scope of Work and Cost Estimate.

NOW THEREFORE BE IT RESOLVED that the Hopi Tribal Council hereby accepts the grant award of Twenty Thousand Dollars (\$20,000.00) from Navajo County.

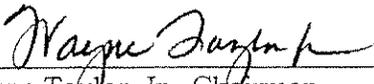
HOPI TRIBAL COUNCIL  
RESOLUTION  
H-066-2003

BE IT FURTHER RESOLVED that the Hopi Tribal Council hereby authorizes the Hopi Tribal Chairman or his designee to sign any legal documents arising from this grant award, and take all necessary steps to fulfill the intent of this resolution.

BE IT FINALLY RESOLVED that the Tribal Treasurer is hereby authorized to receive and expend funds awarded by Navajo County, in accordance with this resolution and the attached Scope of Work, and with applicable Fiscal Management Policies.

CERTIFICATION

The Hopi Tribal Council duly adopted the foregoing resolution on July 7, 2003, at a meeting at which a quorum was present with a vote of 17 in favor, 0 opposed, 0 abstaining (Chairman presiding and not voting) pursuant to the authority vested in the Hopi Tribal Council by ARTICLE VI-POWERS OF THE TRIBAL COUNCIL, SECTION 1 (a) and (e) of the Hopi Tribal Constitution and By-Laws of the Hopi Tribe of Arizona, as ratified by the Tribe on October 24, 1936, and approved by the Secretary of Interior on December 19, 1936, pursuant to Section 16 of the Act of June 18, 1934. Said resolution is effective as of the date of adoption and does not require Secretarial approval.

  
\_\_\_\_\_  
Wayne Taylor, Jr., Chairman  
Hopi Tribal Council

ATTEST:

  
for Mary A. Felter, Tribal Secretary  
Hopi Tribal Council

## INTRODUCTION:

Proposed project begins at SR 264 MP 395.65 through Polacca Valley and is a major roadway that would be described as to construct grade/drain, paved, cattle passes and fencing.

The project is located in the Navajo County on BIA Route 60 North near the town of Polacca, beginning at Arizona State Highway 264, North for a total distance of 13.70 miles unimproved road to Navajo Route 65. This proposed project is on the Hopi Indian Reservation Road System and is listed number two priority as of May 19, 2003.

The project is not listed in FY 2003 Transportation Improvement Plan (TIP) and would require to be adjusted to be part of TIP. The total estimated construction cost is \$13,320,000 with preliminary engineering costs of \$1,480,000. The total estimated project cost is \$14,800,000. This project will utilize Federal funds.

The purpose of this project is to make improvement from unimproved dirt road onto grade/drain and pavement for the safety of school transportation.

## TRAFFIC DATA:

As reported by the Data Team of the Navajo Nation Transportation Department, the assigned average daily traffic (ADT) on this segment of Low Mountain Road for 1999 (data year) is 439 vehicles per day (vpd). The projected ADT for 2005 (design year) is as high as 653 vpd as represented in the Traffic Study prepared for this project.

The project is located on Indian Nation Land and hence comprehensive accident data may not be available.

## PROJECT SCOPE:

The project limits will begin at approximate MP 395.65 / SR 264 intersection BIA Route 60 N and due North for 13.70 miles end of project at N65. The project limits has been identified by joint Hopi and Navajo Tribe.

The proposed improvements include grade/drain, cattle passes, ROW fencing, paved two-lane roadway, center and both shoulder traffic markings and install sign/post.

Proposed improvements will also include major drainage enhancements in association with the proposed roadway construction improvements. The proposed drainage improvements include replacing all existing pipe culverts and install to better locations, design and install large drainage structure and constructing riprap for erosion control.

A description of the limits and scope of improvements is as follows:

Beginning of project (BOP) inside SR264 identified by MP395.65 right angle intersection with

BIA Route 60N. Inside SR264 West Bound approaching BOP to extend existing concrete box culvert, locate buried six inch water line and relocate, remove 1-4 unit cattle guard and may require a turning lane.

MP 0.11:

Remove 1-Power Pole and relocate, remove 1-Mobile Home Trailer and relocate.

MP 0.15 TO MP 0.70

May have to get Temporary Construction Easement (TCE) to construct frontage streets on both side to avoid to many approaches.

MP 1.70 to MP 2.0

Construct one cattle pass for sheep crossing. There are no cattle in this area, only sheep. Select a borrow pit at 300 feet East 300 feet x 300 feet with haul road.

MP 2.90

Remove 1-2 unit cattle guard and install 1-concrete cattle pass.

MP 5.00

Select a borrow pit at 400 feet East 300 feet x 500 feet with haul road.

MP 6.40

Construct one concrete cattle pass through drainage crossing.

MP 6.60

Note: This location has a cattle trail crossing to water source on the West side at first flowing well with two native Hopi stone house structure, one on each side of the centerline.

MP 7.5

Construct one concrete cattle pass to replace an equalizer drainage culvert.

MP 8.00

Select a borrow pit at 500 feet East 300 feet x 300 feet with haul road.

MP 8.85

Construct one concrete cattle pass through a large dry wash. Existing charco dikes on the upper side (East) keeps drainage from flowing.

MP 9.70

Construct rip rap on the West side through large wash "U" turn and eroding embankment towards the existing roadway and onto proposed roadway and rechannel main drainage away from eroding area.

MP 9.80

Existing large wash crossing (Echo Canyon). To install 2-11 feet diameter culvert with concrete

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MP 9.70

Construct rip rap on the West side through large wash "U" turn and eroding embankment towards the existing roadway and onto proposed roadway and rechannel main drainage away from eroding area.

MP 9.80

Existing large wash crossing (Echo Canyon). To install 2-11 feet diameter culvert with concrete

rip rap or walls.

MP 10.8

Remove 1-2 unit cattle guard located at the Hopi District Boundary.

MP 11.00

Select borrow pit at 800 feet East 300 feet x 300 feet with haul road and at this same location at 150 feet East to designate a staging area 500 feet x 500 feet through existing (previously used as hot plant site) located inside Hopi Partitioned Lands.

MP 12.00

Construct one Concrete Cattle Pass through existing flood plains.

MP 12.50

Select borrow pit at 500 feet East 300 feet x 300 feet with haul road.

MP 13.60 / 13.70

End of project (EOP), make a transition into existing paved surface Navajo Route N65.

Note: Right-of-Way fence will be constructed along with concrete cattle passes, excavation through hills and fill in low areas. Both sides will have drainage ditches and some places will have drainage culverts placed with drainage channels. All back slopes will be at a 6:1 slope with 4:1 slope through embankment areas. The finished roadway will be 26.0 feet wide. Access of water will come from Polacca and Keams Canyon, both may have to provide gray water. Most of the center alignment has been found and the line has to be reestablished at every 100 feet intervals prior to archaeological surveys.

**ADDITIONAL ALIGNMENT CLEARANCES**

SR264 approximate MP 395.48 is located further West proposed reroute of center line to avoid going through cluster Hopi residential area identified as Stick and Spider Clan Area with a right angle approach due North for approximately one mile and transition back on original approved ROW. This alignment was selected by members of the clan leaders for better site distance from the East side into a proposed intersection for safety incase the original ROW approach don't meet ADOT's requirement.

Any questions, call Herbert Begay, Jr. at Hopi Roads, (928) 738-2220.

Sincerely,

Wendell Honanie  
Superintendent

**Planned Work by the Hopi Cultural Preservation Office  
for BIA Route 60(N), Low Mountain Road**

Prepared by Michael Yeatts, Staff Archaeologist  
Hopi Cultural Preservation Office

Prepared for Arnold Taylor, Manager  
Department of Natural Resources



The Hopi Cultural Preservation Office has been asked to prepare a budget to conduct a preliminary cultural resources inventory in preparation for a proposed road realignment project for BIA Route 60(N), the Low Mountain road by Wendall Honanie, the Superintendent of the Hopi Agency BIA Branch of Roads. The following text details the activities and deliverables that would be prepared during this project.

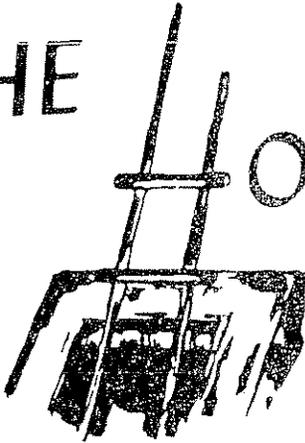
The cultural resources inventory would be conducted to meet the needs of compliance with Section 106 of the National Historic Preservation Act. A review of the existing projects and sites located in and adjacent to the project area will first be conducted. Next, a field inventory of the project area will be made. This will entail walking the entire area that will be potentially impacted by the proposed project. At this time, newly encountered sites will be recorded and the information on any previously recorded sites will be verified and updated as necessary. Recording of sites will involve obtaining locational information for the site, creating a detailed map of the cultural features at the site and recording the types of surface materials present. All of this information will be added to the site and project databases housed at the Hopi Cultural Preservation Office. Artifact analysis while recording sites will be conducted in-field and no collections will be made.

At the same time and subsequent to the field work, consultations with appropriate Hopi Tribal consultants will be used to identify any Traditional Cultural Properties that may be effected by the proposed road realignment. Field visits will likely be made with the consultants in order to verify locations, examine archeological sites and other cultural features identified during the survey, and to identify other important features that are not readily apparent solely by examination of project maps.

A report will be produced documenting the results of the cultural resources inventory. The report will include sections that evaluate the National Register eligibility of the cultural resources identified and that make recommendations for mitigating any potential impacts that the project may have on those resources.

# THE

# OPI TRIBE



*Wayne Taylor, Jr.*  
*2. Roads*

Wayne Taylor, Jr.  
CHAIRMAN

VICE-CHAIRMAN

March 27, 2003



Wendall Honanie  
Superintendent  
BIA Branch of Road, Hopi Agency  
P.O. Box 158  
Keams Canyon, Arizona 86034

**RE: Cultural resources inventory of BIA Route 60(N), Low Mountain Road cost estimate**

Dear Mr. Honanie,

Below please find a proposed budget for conducting a cultural resources inventory for the proposed 13.7 BIA Route 60(N) mile road alignment. This cost includes the alignment inventory, site recording, TCP consultation and report preparation.

<b>Field Work</b>		
Archaeologist	10 days (80 hours) @ 40.00/hour	\$ 3200.00
Research Assistant	10 days (80 hours) @ 20.00/hour	\$ 1600.00
<b>Report Preparation</b>		
Archaeologist	15 days (120 hours) @ 40.00/hour	\$ 4800.00
Fringe Benefits on salary/wages	@ 21.1%	\$ 2026.00
Indirect Costs on salary/Wages	@42.7%	\$ 4099.00
<b>Consultants</b>		
5 Cultural Advisors	2 days @ 150.00/person	\$ 1500.00
CRATT Meeting	150.00 for 13 members	\$ 1950.00
<b>Total personnel costs</b>		<b>\$19175.00</b>
<hr/>		
Vehicle Mileage	0.34/mile for 1200 miles	\$ 408.00
Vehicle Rental	½ month @ 300.00/mo	\$ 300.00

Page 2 -3/27/2003  
Letter to Wendell Honanie  
RE: BIA Route 60(N), Low Mountain Road

Report Preparation		
Copying	500 pages @ 0.10/page	\$ 50.00
Office supplies		\$ 100.00

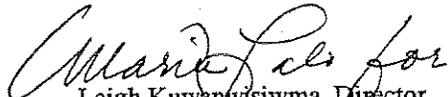
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**Total Project Costs**

**\$ 20033.00**

If you have any questions concerning this budget, please contact me at (928) 734-3611 or Michael Yeatts at (928) 523-6573.

Sincerely,

  
Leigh Kuwanwisiwma, Director  
Hopi Cultural Preservation Office  
P.O. Box 123  
Kykotsmovi, Arizona 86039