

# Biographical Sketch

## **SAMUEL P. MAGGARD**

2510 South Solano  
Las Cruces, NM 88001

## **TELEPHONE:**

505-522-6697

505-522-6697 (Fax)

## **PERSONAL**

Date of Birth: June 19, 1933  
Place of Birth: Whitesburg, Kentucky

## **EDUCATION**

1963 Ph.D. - Purdue University, West Lafayette, Indiana  
1957 M.S.C.E. - University of Kentucky, Lexington, Kentucky  
1956 B.S.C.E. - University of Kentucky, Lexington, Kentucky

## **OTHER**

Holds Certification for Ultrasonic Testing  
Holds a Commercial Driving License  
Holds a Private Pilot license (ASEL)  
Holds Ham Radio License (Tech.)  
Certified Scuba Diver (NAUI)

(Completed basic course in Surface Supplied Diving Operations)

Member; Technical Advisory Board, College of Oceaneering, Los Angeles, CA

Samuel P. Maggard Scholarship Endowed

Sam Maggard Transportation Engineering Scholarship Endowed

## **PROFESSIONAL EXPERIENCE**

July 93-Present     Consultant, Structural Analysis and Design; buildings, bridges  
Bridge Inspection: Supervise a Bridge Inspection for New Mexico State University inspection bridges in New Mexico.  
Have done inspections for numerous states and agencies in USA and abroad.

Jan. 96-Jan. 98     Project Coordinator \$11,000,000 Engineering Complex

Jan. 89-July 93	Bridge Inspection Engineer, New Mexico State University.
1991 - 1994	In 1991, with others, began the New Mexico State University Underwater Bridge Inspection Training Course (jointly with Association of Diving Contractors).
Jan. 88-Jan. 89	Director, Engineering Research Center, New Mexico State University.
July 87-Jan. 88	Professor and Head, Department of Civil, Agricultural and Geological Engineering, New Mexico State University.
1987-1989	Project Coordinator, Resident Inspector \$3,000,000 Engineering Complex
1979-1987	Professor of Civil Engineering, New Mexico State University.
1978-1980	Project Coordinator, \$2,000,000 Engineering Complex
1967-1979	Professor and Head, Department of Civil Engineering, New Mexico State University.
July-Dec. 1973	Chicago Bridge and Iron, Design Engineer.
1966-1967	Associate Professor and Head, Department of Civil Engineering, New Mexico State University.
1964-1966	Associate Professor, Department of Civil Engineering, New Mexico State University.
1963-1964	Assistant Professor, Department of Civil Engineering, New Mexico State University. Teaching classes and conducting research in Structural Engineering.
1959-1963	Research Associate, Purdue University. Conducting research regarding the economic feasibility of high strength low-alloy steels for short and medium span highway bridges.

1957-1959	University of Kentucky, College of Engineering Department of Civil Engineering. Teaching classes at senior and graduate level in Structural Engineering (Instructor -1 year, Assistant Professor - 1 year).
1983-Present	Instructor in Bridge Inspection Training Program, Certified Trainer and Examiner for ACI Certification Program.
1965-1990	Consultant (in the area of Quality Control) to Valley Transit Mix, Inc., Las Cruces, New Mexico.
1964-Present	Consulting in Foundation, Structural Design.
1964-Present	In 1964, with others, began the New Mexico State University Quality Concrete School (jointly with New Mexico Ready Mixed Concrete Sand & Gravel Association). Member of Board of Directors of the Association.
1964-1973	Consultant - Nuclear Weapons Effects Directorate, White Sands Missile Range - Blast Test Methodology.
1955-1959	Part time work as surveyor including land surveying, mine surveying, etc.
1955-1957	Kentucky Department of Highways (final 16 months full-time) Design and detail of short and medium span bridges during the last 16 months of this period.

## **SOCIETY MEMBERSHIP**

- American Society of Civil Engineers (Life)
- American Institute of Steel Construction
- American Society for Engineering Education
- National Society of Professional Engineers (Life)
- The Society of the Sigma Xi
- Chi Epsilon
- Sigma Tau
- Association of Diving Contractors

