**Pavement for Managers and Policymakers**

Fall 2017

Course #:         TTP 289A-006

CRN:               63607

Day/Time:       Wednesdays, 12:10-2:00pm

Classroom:      2212 Academic Surge

# of Units:       2 letter-graded units

Instructor: Prof John Harvey

Pavement for Managers and Policymakers will cover the basics of different types of pavement and urban hardscape, and pavement design and construction that control pavement performance, including main points that managers should know when working with engineers.  The class will cover asset management, life cycle cost and life cycle assessment for pavements, including how to use these tools to lower cost and environmental impacts, and major takeaways for achieving these goals.  Multiple uses of pavements for vehicles, active transportation, storm water management and other purposes will be discussed.  Funding mechanisms, including a review of recently passed Senate Bill 1 will be reviewed.  How to communicate about pavements to elected officials and others will be discussed.  Finally a look will be made to the future of pavement in California considering changes in vehicles (electrification, bridge fuels, automated guidance), materials and climate.