

Project Title: **C-08-17 : Fatigue Life of In-Situ Mast Arm Traffic Signal**
PIN: R021.42.881
Responsible Unit: Engineering / Technical Services
Project Manager: White (2nd), Harry

Project Goal:

Develop a procedure for determining the remaining expected service life of in-place mast-arm traffic signal supports.

Actions Proposed:

Instrument two existing mast-arm structures pole to determine their response to measured ambient wind conditions and calculate the remaining expected service life.

Anticipated Work Products and Accomplishments:

The developed procedure may be applied to other in-service mast arm traffic signal support structures to determine if they may stay in service, or if they need to be replaced.

Proposed Budget: \$177,785